



Alcatel-Lucent 5620

SERVICE AWARE MANAGER | RELEASE 9.0 R7
LTE PARAMETER REFERENCE

3HE 06508 AAAG TQZZA Edition 01

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Alcatel-Lucent License Agreement

SAMPLE END USER LICENSE AGREEMENT

1. LICENSE

- 1.1 Subject to the terms and conditions of this Agreement, Alcatel-Lucent grants to Customer and Customer accepts a nonexclusive, nontransferable license to use any software and related documentation provided by Alcatel-Lucent pursuant to this Agreement ("Licensed Program") for Customer's own internal use, solely in conjunction with hardware supplied or approved by Alcatel-Lucent. In case of equipment failure, Customer may use the Licensed Program on a backup system, but only for such limited time as is required to rectify the failure.
- 1.2 Customer acknowledges that Alcatel-Lucent may have encoded within the Licensed Program optional functionality and capacity (including, but not limited to, the number of equivalent nodes, delegate workstations, paths and partitions), which may be increased upon the purchase of the applicable license extensions.
- 1.3 Use of the Licensed Program may be subject to the issuance of an application key, which shall be conveyed to the Customer in the form of a Supplement to this End User License Agreement. The purchase of a license extension may require the issuance of a new application key.

2. PROTECTION AND SECURITY OF LICENSED PROGRAMS

- 2.1 Customer acknowledges and agrees that the Licensed Program contains proprietary and confidential information of Alcatel-Lucent and its third party suppliers, and agrees to keep such information confidential. Customer shall not disclose the Licensed Program except to its employees having a need to know, and only after they have been advised of its confidential and proprietary nature and have agreed to protect same.
- 2.2 All rights, title and interest in and to the Licensed Program, other than those expressly granted to Customer herein, shall remain vested in Alcatel-Lucent or its third party suppliers. Customer shall not, and shall prevent others from copying, translating, modifying, creating derivative works, reverse engineering, decompiling, encumbering or otherwise using the Licensed Program except as specifically authorized under this Agreement. Notwithstanding the foregoing, Customer is authorized to make one copy for its archival purposes only. All appropriate copyright and other proprietary notices and legends shall be placed on all Licensed Programs supplied by Alcatel-Lucent, and Customer shall maintain and reproduce such notices on any full or partial copies made by it.

3. TERM

- 3.1 This Agreement shall become effective for each Licensed Program upon delivery of the Licensed Program to Customer.

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- 3.2 Alcatel-Lucent may terminate this Agreement: (a) upon notice to Customer if any amount payable to Alcatel-Lucent is not paid within thirty (30) days of the date on which payment is due; (b) if Customer becomes bankrupt, makes an assignment for the benefit of its creditors, or if its assets vest or become subject to the rights of any trustee, receiver or other administrator; (c) if bankruptcy, reorganization or insolvency proceedings are instituted against Customer and not dismissed within 15 days; or (d) if Customer breaches a material provision of this Agreement and such breach is not rectified within 15 days of receipt of notice of the breach from Alcatel-Lucent.
- 3.3 Upon termination of this Agreement, Customer shall return or destroy all copies of the Licensed Program. All obligations of Customer arising prior to termination, and those obligations relating to confidentiality and nonuse, shall survive termination.

4. CHARGES

- 4.1 Upon shipment of the Licensed Program, Alcatel-Lucent will invoice Customer for all fees, and any taxes, duties and other charges. Customer will be invoiced for any license extensions upon delivery of the new software application key or, if a new application key is not required, upon delivery of the extension. All amounts shall be due and payable within thirty (30) days of receipt of invoice, and interest will be charged on any overdue amounts at the rate of 1 1/2% per month (19.6% per annum).

5. SUPPORT AND UPGRADES

- 5.1 Customer shall receive software support and upgrades for the Licensed Program only to the extent provided for in the applicable Alcatel-Lucent software support policy in effect from time to time, and upon payment of any applicable fees. Unless expressly excluded, this Agreement shall be deemed to apply to all updates, upgrades, revisions, enhancements and other software which may be supplied by Alcatel-Lucent to Customer from time to time.

6. WARRANTIES AND INDEMNIFICATION

- 6.1 Alcatel-Lucent warrants that the Licensed Program as originally delivered to Customer will function substantially in accordance with the functional description set out in the associated user documentation for a period of 90 days from the date of shipment, when used in accordance with the user documentation. Alcatel-Lucent's sole liability and Customer's sole remedy for a breach of this warranty shall be Alcatel-Lucent's good faith efforts to rectify the nonconformity or, if after repeated efforts Alcatel-Lucent is unable to rectify the nonconformity, Alcatel-Lucent shall accept return of the Licensed Program and shall refund to Customer all amounts paid in respect thereof. This warranty is available only once in respect of each Licensed Program, and is not renewed by the payment of an extension charge or upgrade fee.

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- 6.2 ALCATEL-LUCENT EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, REPRESENTATIONS, COVENANTS OR CONDITIONS OF ANY KIND, WHETHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OR REPRESENTATIONS OF WORKMANSHIP, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, DURABILITY, OR THAT THE OPERATION OF THE LICENSED PROGRAM WILL BE ERROR FREE OR THAT THE LICENSED PROGRAMS WILL NOT INFRINGE UPON ANY THIRD PARTY RIGHTS.
- 6.3 Alcatel-Lucent shall defend and indemnify Customer in any action to the extent that it is based on a claim that the Licensed Program furnished by Alcatel-Lucent infringes any patent, copyright, trade secret or other intellectual property right, provided that Customer notifies Alcatel-Lucent within ten (10) days of the existence of the claim, gives Alcatel-Lucent sole control of the litigation or settlement of the claim, and provides all such assistance as Alcatel-Lucent may reasonably require. Notwithstanding the foregoing, Alcatel-Lucent shall have no liability if the claim results from any modification or unauthorized use of the Licensed Program by Customer, and Customer shall defend and indemnify Alcatel-Lucent against any such claim.
- 6.4 Alcatel-Lucent Products are intended for standard commercial uses. Without the appropriate network design engineering, they must not be sold, licensed or otherwise distributed for use in any hazardous environments requiring fail safe performance, such as in the operation of nuclear facilities, aircraft navigation or communication systems, air traffic control, direct life-support machines, or weapons systems, in which the failure of products could lead directly to death, personal injury, or severe physical or environmental damage. The Customer hereby agrees that the use, sale, license or other distribution of the Products for any such application without the prior written consent of Alcatel-Lucent, shall be at the Customer's sole risk. The Customer also agrees to defend and hold Alcatel-Lucent harmless from any claims for loss, cost, damage, expense or liability that may arise out of or in connection with the use, sale, license or other distribution of the Products in such applications.

7. LIMITATION OF LIABILITY

- 7.1 IN NO EVENT SHALL THE TOTAL COLLECTIVE LIABILITY OF ALCATEL-LUCENT, ITS EMPLOYEES, DIRECTORS, OFFICERS OR AGENTS FOR ANY CLAIM, REGARDLESS OF VALUE OR NATURE, EXCEED THE AMOUNT PAID UNDER THIS AGREEMENT FOR THE LICENSED PROGRAM THAT IS THE SUBJECT MATTER OF THE CLAIM. IN NO EVENT SHALL THE TOTAL COLLECTIVE LIABILITY OF ALCATEL-LUCENT, ITS EMPLOYEES, DIRECTORS, OFFICERS OR AGENTS FOR ALL CLAIMS EXCEED THE TOTAL AMOUNT PAID BY CUSTOMER TO ALCATEL-LUCENT HEREUNDER. NO PARTY SHALL BE LIABLE FOR ANY INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, WHETHER OR NOT SUCH DAMAGES ARE FORESEEABLE, AND/OR THE PARTY HAD BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
- 7.2 The foregoing provision limiting the liability of Alcatel-Lucent's employees, agents, officers and directors shall be deemed to be a trust provision, and shall be enforceable by such employees, agents, officers and directors as trust beneficiaries.

8. GENERAL

- 8.1 Under no circumstances shall either party be liable to the other for any failure to perform its obligations (other than the payment of any monies owing) where such failure results from causes beyond that party's reasonable control.
- 8.2 This Agreement constitutes the entire agreement between Alcatel-Lucent and Customer and supersedes all prior oral and written communications. All amendments shall be in writing and signed by authorized representatives of both parties.
- 8.3 If any provision of this Agreement is held to be invalid, illegal or unenforceable, it shall be severed and the remaining provisions shall continue in full force and effect.
- 8.4 The Licensed Program may contain freeware or shareware obtained by Alcatel-Lucent from a third party source. No license fee has been paid by Alcatel-Lucent for the inclusion of any such freeware or shareware, and no license fee is charged to Customer for its use. The Customer agrees to be bound by any license agreement for such freeware or shareware. CUSTOMER ACKNOWLEDGES AND AGREES THAT THE THIRD PARTY SOURCE PROVIDES NO WARRANTIES AND SHALL HAVE NO LIABILITY WHATSOEVER IN RESPECT OF CUSTOMER'S POSSESSION AND/OR USE OF THE FREWARE OR SHAREWARE.
- 8.5 Alcatel-Lucent shall have the right, at its own expense and upon reasonable written notice to Customer, to periodically inspect Customer's premises and such documents as it may reasonably require, for the exclusive purpose of verifying Customer's compliance with its obligations under this Agreement.
- 8.6 All notices shall be sent to the parties at the addresses listed above, or to any such address as may be specified from time to time. Notices shall be deemed to have been received five days after deposit with a post office when sent by registered or certified mail, postage prepaid and receipt requested.
- 8.7 If the Licensed Program is being acquired by or on behalf of any unit or agency of the United States Government, the following provision shall apply: If the Licensed Program is supplied to the Department of Defense, it shall be classified as "Commercial Computer Software" and the United States Government is acquiring only "restricted rights" in the Licensed Program as defined in DFARS 227-7202-1(a) and 227.7202-3(a), or equivalent. If the Licensed Program is supplied to any other unit or agency of the United States Government, rights will be defined in Clause 52.227-19 or 52.227-14 of the FAR, or if acquired by NASA, Clause 18-52.227-86(d) of the NASA Supplement to the FAR, or equivalent. If the software was acquired under a contract subject to the October 1988 Rights in Technical Data and Computer Software regulations, use, duplication and disclosure by the Government is subject to the restrictions set forth in DFARS 252-227.7013(c)(1)(ii) 1988, or equivalent.
- 8.8 Customer shall comply with all export regulations pertaining to the Licensed Program in effect from time to time. Without limiting the generality of the foregoing, Customer expressly warrants that it will not directly or indirectly export, reexport, or transship the Licensed Program in violation of any export laws, rules or regulations of Canada, the United States or the United Kingdom.

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- 8.9 No term or provision of this Agreement shall be deemed waived and no breach excused unless such waiver or consent is in writing and signed by the party claimed to have waived or consented. The waiver by either party of any right hereunder, or of the failure to perform or of a breach by the other party, shall not be deemed to be a waiver of any other right hereunder or of any other breach or failure by such other party, whether of a similar nature or otherwise.
- 8.10 This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario. The application of the United Nations Convention on Contracts for the International Sale of Goods is hereby expressly excluded.

Preface

The Preface provides general information about the 5620 Service Aware Manager documentation suite, including this guide.

Prerequisites

Readers of the 5620 SAM documentation suite are assumed to be familiar with the following:

- 5620 SAM software structure and components
- 5620 SAM GUI operations and tools
- typical 5620 SAM management tasks and procedures
- device and network management concepts

5620 SAM documentation suite

The 5620 SAM documentation suite describes the 5620 SAM and the associated network management of its supported devices. Contact your Alcatel-Lucent support representative for information about specific network or facility considerations.

Table 1 lists the documents in the 5620 SAM customer documentation suite.

Table 1 5620 SAM customer documentation suite

Guide	Description
5620 SAM core documentation	
<i>5620 SAM Release Description</i>	The <i>5620 SAM Release Description</i> provides information about the new features associated with a 5620 SAM software release.

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Guide	Description
<i>5620 SAM Planning Guide</i>	The <i>5620 SAM Planning Guide</i> provides information about 5620 SAM scalability and recommended hardware configurations.
<i>5620 SAM System Architecture Guide</i>	The <i>5620 SAM System Architecture Guide</i> is intended for technology officers and network planners to increase their knowledge of the 5620 SAM software structure and components. It describes the system structure, software components, and interfaces of the 5620 SAM. In addition, 5620 SAM fault tolerance, security, and network management capabilities are discussed from an architectural perspective.
<i>5620 SAM 5650 CPAM Installation and Upgrade Guide</i>	The <i>5620 SAM 5650 CPAM Installation and Upgrade Guide</i> provides OS considerations, configuration information, and procedures for the following: <ul style="list-style-type: none"> installing, upgrading, and uninstalling 5620 SAM and 5650 CPAM software in standalone and redundant deployments 5620 SAM system migration to a different system conversion from a standalone to a redundant 5620 SAM system
<i>5620 SAM User Guide</i>	The <i>5620 SAM User Guide</i> provides information about using the 5620 SAM to manage the service-aware IP/MPLS network, including GUI basics, commissioning, service configuration, and policy management. The <i>5620 SAM User Guide</i> uses a task-based format. Each chapter contains: <ul style="list-style-type: none"> a workflow that describes the steps for configuring and using the functions detailed procedures that list the configurable parameters on the associated forms 5620 SAM management information specific to LTE network elements is covered in the <i>5620 SAM LTE ePC User Guide</i> and <i>5620 SAM LTE RAN User Guide</i> . 5620 SAM management information specific to 1830 PSS network elements is covered in the <i>5620 SAM Optical User Guide</i> .
<i>5620 SAM Integration Guide</i>	The <i>5620 SAM Integration Guide</i> provides procedures to allow the 5620 SAM to integrate with additional components.
<i>5620 SAM Supervision Module User Guide</i>	The <i>5620 SAM Supervision Module User Guide</i> provides information about how to configure and use the web-based 5620 SAM Supervision Module for fault management and at-a-glance network element monitoring.
<i>5620 SAM Scripts and Templates Developer Guide</i>	The <i>5620 SAM Scripts and Templates Developer Guide</i> provides information that allows you to develop, manage, and execute CLI-based or XML-based scripts or templates. The guide is intended for developers, skilled administrators, and operators who are expected to be familiar with the following: <ul style="list-style-type: none"> CLI scripting, XML, and the Velocity engine basic scripting or programming 5620 SAM functions
<i>5620 SAM Parameter Guide</i>	The <i>5620 SAM Parameter Guide</i> provides: <ul style="list-style-type: none"> parameter descriptions that include value ranges and default values parameter options and option descriptions parameter and option dependencies parameter mappings to the 5620 SAM-O XML equivalent property names There are dynamic links between the procedures in the <i>5620 SAM User Guide</i> and the parameter descriptions in the <i>5620 SAM Parameter Guide</i> . Parameters specific to LTE network elements are covered in the <i>5620 SAM LTE Parameter Reference</i> . Parameters specific to 1830 PSS network elements are covered in the <i>5620 SAM Optical Parameter Reference</i> .
<i>5620 SAM Statistics Management Guide</i>	The <i>5620 SAM Statistics Management Guide</i> provides information about how to configure performance and accounting statistics collection and how to view counters using the 5620 SAM. Network examples are included.

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Guide	Description
<i>5620 SAM Maintenance Guide</i>	The <i>5620 SAM Maintenance Guide</i> provides procedures for: <ul style="list-style-type: none"> generating baseline information for 5620 SAM applications performing daily, weekly, monthly, and as-required maintenance activities for 5620 SAM-managed networks
<i>5620 SAM Troubleshooting Guide</i>	The <i>5620 SAM Troubleshooting Guide</i> provides task-based procedures and user documentation to: <ul style="list-style-type: none"> help resolve issues in the managed and management networks identify the root cause and plan corrective action for: <ul style="list-style-type: none"> alarm conditions on a network object or customer service problems on customer services with no associated alarms list problem scenarios, possible solutions, and tools to help check: <ul style="list-style-type: none"> network management LANs network management platforms and operating systems 5620 SAM client GUIs and client OSS applications 5620 SAM servers 5620 SAM databases
<i>5620 SAM Alarm Reference</i>	The <i>5620 SAM Alarm Reference</i> provides a list of all alarms that the 5620 SAM can raise. The reference is organized by network element type.
<i>5620 SAM Glossary</i>	The <i>5620 SAM Glossary</i> defines terms and acronyms used in all of the 5620 SAM documentation, including 5620 SAM LTE documentation.
<i>5620 SAM Network Element Compatibility Guide</i>	The <i>5620 SAM Network Element Compatibility Guide</i> provides release-specific information about the compatibility of managed device features in 5620 SAM releases.
5620 SAM LTE documentation	
<i>5620 SAM LTE RAN Release Description</i>	The <i>5620 SAM LTE RAN Release Description</i> provides information about the LTE RAN features associated with the release.
<i>5620 SAM LTE ePC User Guide</i>	The <i>5620 SAM LTE ePC User Guide</i> describes how to discover, configure, and manage LTE ePC devices using the 5620 SAM. The guide is intended for LTE ePC network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM LTE ePC User Guide</i> before you attempt to use the 5620 SAM in your LTE network.
<i>5620 SAM LTE RAN User Guide</i>	The <i>5620 SAM LTE RAN User Guide</i> describes how to discover, configure, and manage the Evolved NodeB, or eNodeB, using the 5620 SAM. The guide is intended for LTE RAN network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM LTE RAN User Guide</i> before you attempt to use the 5620 SAM in your LTE network.
<i>5620 SAM LTE Parameter Reference</i>	The <i>5620 SAM LTE Parameter Reference</i> provides a list of all LTE ePC and LTE RAN parameters supported in the 5620 SAM.
5620 SAM-O documentation	
<i>5620 SAM XML OSS Interface Developer Guide</i>	The <i>5620 SAM XML OSS Interface Developer Guide</i> provides information that allows you to: <ul style="list-style-type: none"> use the 5620 SAM XML OSS interface to access network management information learn about the information model associated with the managed network develop OSS applications using the packaged methods, classes, data types, and objects necessary to manage 5620 SAM functions
<i>5620 SAM 3GPP OSS Interface Developer Guide</i>	The <i>5620 SAM 3GPP OSS Interface Developer Guide</i> describes the components and architecture of the 3GPP OSS interface to the 5620 SAM. It includes procedures and samples to assist OSS application developers to use the 3GPP interface to manage LTE devices.

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Guide	Description
<i>5620 SAM 3GPP OSS Interface Compliance Statements</i>	The <i>5620 SAM 3GPP OSS Interface Compliance Statements</i> document describes the compliance of the 5620 SAM 3GPP OSS interface with the 3GPP standard.
5620 SAM optical documentation	
<i>5620 SAM Optical User Guide</i>	The <i>5620 SAM Optical User Guide</i> describes how to discover, configure, and manage optical devices using the 5620 SAM. The guide is intended for optical network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM Optical User Guide</i> before you attempt to use the 5620 SAM in your network.
<i>5620 SAM Optical Parameter Reference</i>	The <i>5620 SAM Optical Parameter Reference</i> provides a list of all optical device parameters supported in the 5620 SAM.

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Obtaining customer documentation

You can obtain 5620 SAM customer documentation:

- from the product
- on the web

On-product documentation

The 5620 SAM on-product customer documentation is delivered in HTML and PDF. Choose Help→User Documentation from the 5620 SAM client GUI to open the help system in a web browser.

The help system opens to the User Documentation Index, which provides a summary of and links to all 5620 SAM customer documents.

Click on the Using the help system tab on the User Documentation Index page to find usage tips for navigating and searching within the on-product customer documentation.

You can return to the User Documentation Index at any time by clicking on the Home icon, shown in Figure 1.

Figure 1 Home icon



Documentation on the web

The 5620 SAM customer documentation is available for download in PDF format from the Alcatel-Lucent Customer Support Center: <http://www.alcatel-lucent.com/myaccess>. If you are a new user and require access to this service, please contact your Alcatel-Lucent support representative.

In addition to the guides listed in Table 1, Release Notices and other documents not delivered on-product are posted to this site.

Working with PDFs

You can download PDFs of individual guides from the Alcatel-Lucent Customer Support Center, or you can choose to download a zip of all PDFs for a particular release.

You can use the Search function of Acrobat Reader (File→Search) to find a term in a PDF of any 5620 SAM document. To refine your search, use appropriate search options (for example, search for whole words only or enable case-sensitive searching). You can also search for a term in multiple PDFs at once, provided that they are located in the same directory. For more information, see the Help for Acrobat Reader.

Cross-book hotlinks, for example, from a parameter name in the *5620 SAM User Guide* to a description of that parameter in the *5620 SAM Parameter Guide*, work only if both PDF files are in the same directory.



Note — Users of Mozilla browsers may receive an error message when opening the PDF files in the 5620 SAM documentation suite. The offline storage and default cache values used by the browsers are the cause of the error message.

Alcatel-Lucent recommends changing the Mozilla Firefox offline storage or Mozilla 1.7 cache value to 100 Mbytes to eliminate the error message.

Documentation conventions

Table 2 lists the conventions that are used throughout the documentation.

Table 2 Documentation conventions

Convention	Description	Example
Key name	Press a keyboard key	Delete
Italics	Identifies a variable	<i>hostname</i>
Key+Key	Type the appropriate consecutive keystroke sequence	CTRL+G
Key-Key	Type the appropriate simultaneous keystroke sequence	CTRL-G
*	An asterisk is a wildcard character, which means “any character” in a search argument.	log_file*.txt
↵	Press the Return key	↵
—	An em dash indicates there is no information.	—
→	Indicates that a cascading submenu results from selecting a menu item	Policies→Alarm Policies

Procedures with options or substeps

When there are options in a procedure, they are identified by letters. When there are substeps in a procedure, they are identified by Roman numerals.

Example of options in a procedure

At step 1, you can choose option a or b. At step 2, you must do what the step indicates.

- 1 This step offers two options. You must choose one of the following.
 - a This is one option.
 - b This is another option.
- 2 You must perform this step.

Example of substeps in a procedure

At step 1, you must perform a series of substeps within a step. At step 2, you must do what the step indicates.

- 1 This step has a series of substeps that you must perform to complete the step. You must perform the following substeps.
 - i This is the first substep.
 - ii This is the second substep.
 - iii This is the third substep.
- 2 You must perform this step.

Measurement conventions

Measurements in this document are expressed in metric units and follow the *Système international d'unités* (SI) standard for abbreviation of metric units. If imperial measurements are included, they appear in brackets following the metric unit.

Table 3 lists the measurement symbols used in this document.

Table 3 Bits and bytes conventions

Measurement	Symbol
bit	b
byte	byte
kilobits per second	kb/s

Important information

The following conventions are used to indicate important information:



Warning — Warning indicates that the described activity or situation may, or will, cause equipment damage or serious performance problems.



Caution — Caution indicates that the described activity or situation may, or will, cause service interruption.



Note — Notes provide information that is, or may be, of special interest.

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1 — 5620 SAM LTE Parameter Reference overview

1.1 5620 SAM LTE Parameter Reference overview 1-2

1.1 5620 SAM LTE Parameter Reference overview

The *5620 SAM LTE Parameter Reference* describes the parameters of supported LTE ePC and RAN devices and LTE-specific 5620 SAM policy forms. The parameters of the following NE types are described in this document:

- 9xxx eNodeB
- 9471 MME
- 7750 MG
- 5780 DSC

The majority of the parameters in this document are device parameters that the 5620 SAM deploys to NEs via GUI, OSS interface, and by deploying CM XML WO files. You can access the LTE device parameters that are described in this document from the properties form of the device.

See the *5620 SAM Parameter Guide* for descriptions of non-LTE parameters and configurable parameters in 5620 SAM GUI forms. See the following documentation for configuration information about the functionality that is not described in this guide:

- *5620 SAM LTE RAN User Guide*
- *5620 SAM LTE ePC User Guide*
- *5620 SAM User Guide*

Audience

This parameter reference is intended for network planners, administrators, operators, third-party OSS system developers, and technical support staff using the 5620 SAM via client GUI or OSS interface.

5620 SAM LTE Parameter Reference structure

The *5620 SAM LTE Parameter Reference* lists parameter classes and child properties by their OSS name in alphabetical order. Properties are listed in in tabular form. Enumerated value lists for parameters are listed in types chapters at the end of this document. Types chapters are also divided by class, such as LTE or LTEL.

Parameter information

This document describes the following attributes of LTE parameters:

- | | |
|---|--------------------------------------|
| • OSS name | • units |
| • description | • device impact |
| • value type | • minimum and maximum values |
| • default value | • tab location |
| • whether the parameter is mandatory on object creation | • displayed name |
| | • whether the parameter can be unset |

Attributes that are not described for a parameter are not applicable.

2 — *AbstractDynamicServicesControllerAggregate*

Table 2-1 AbstractDynamicServicesControllerAggregate parameters

Parameters	
serviceType	siteIdAddressType

Table 2-2 serviceType

Name	Value
Default	None
Description	The primary name of the service.
Displayed name	Name (General)
Mandatory on creation	Yes
Type	AggServiceType

Table 2-3 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

3 — *AbstractDynamicServicesControllerMember*

Table 3-1 AbstractDynamicServicesControllerMember parameters

Parameters	
chassisNumber dscFunction serviceName	siteIdAddressType slotNumber

Table 3-2 chassisNumber

Name	Value
Default	0
Description	The chassis number of the service.
Mandatory on creation	Yes
Type	Integer

Table 3-3 dscFunction

Name	Value
Default	unknown
Description	Type of this Function object. It can either be DPA or PCRF.

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	EpcFunction

(2 of 2)

Table 3-4 serviceName

Name	Value
Default	0
Description	The primary name of the service.
Displayed name	Service Name (General)
Mandatory on creation	Yes
Maximum	32
Type	String

Table 3-5 sitelIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 3-6 slotNumber

Name	Value
Default	0
Description	The slot number of the service.
Displayed name	Slot Number (General)
Mandatory on creation	Yes
Type	Integer

4 — *AbstractTrustedPeerListEntry*

Table 4-1 AbstractTrustedPeerListEntry parameters

Parameters	
adminState foreign keepAlive peerListPrefixLen	plmnMcc plmnMnc ratType

Table 4-2 adminState

Name	Value
Default	inService
Description	specifies the desired administrative state of this peer list entry.
Displayed name	Administrative State (General)
Mandatory on creation	No
Type	AdministrativeState

Table 4-3 foreign

Name	Value
Default	home
Description	specifies the peer as a foreign or a home node

(1 of 2)

Name	Value
Displayed name	Node Type (General)
Mandatory on creation	No
Type	ForeignPeerType

(2 of 2)

Table 4-4 keepAlive

Name	Value
Default	True
Description	Specifies whether the General Packet Radio Services Tunneling Protocol (GTP) echo is enabled
Displayed name	GTP Echo (General)
Mandatory on creation	No
Type	Boolean

Table 4-5 peerListPrefixLen

Name	Value
Default	0
Displayed name	Prefix (General)
Mandatory on creation	Yes
Maximum	128
Minimum	0
Type	Integer

Table 4-6 plmnMcc

Name	Value
Description	Mobile Country Code (MCC) portion of the Public Land Mobile Network (PLMN) for this peer.
Displayed name	Mobile Country Code (General)
Mandatory on creation	No
Type	MobileCountryCode

Table 4-7 plmnMnc

Name	Value
Default	00
Description	Mobile Network Code (MNC) portion of the Public Land Mobile Network (PLMN) for this peer
Displayed name	Mobile Network Code (General)
Mandatory on creation	No
Maximum	3
Minimum	2
Type	String

Table 4-8 ratType

Name	Value
Default	utran
Description	Radio Access Technology (RAT) type being served by this peer.
Displayed name	Radio Access Technology (General)
Mandatory on creation	No
Type	RadioAccessTechnologyType

5 — AccessBarring

Table 5-1 AccessBarring parameters

Parameters	
accessBarringForEmergencyCalls accessBarringStatus	id

Table 5-2 accessBarringForEmergencyCalls

Name	Value
Default	False
Description	Indicates whether access is barred in the cell for originating emergency calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessBarringForEmergencyCalls (General)
Impact	No reset (class C)
Type	Boolean

Table 5-3 accessBarringStatus

Name	Value
Default	None
Description	This parameter defines which kind of Access Barring information is broadcast in the cell (in SystemInformationBlockType2): - none: no access classes are barred. - emergencyCallsExclusively: only the bit indicating whether emergency calls are barred is broadcast. - signalingOnly: access barring information is broadcast for signaling calls only (the bit for emergency calls is also broadcast). - originatingCallsOnly: access barring information is broadcast for originating calls only (the bit for emergency calls is also broadcast). - signalingAndOriginatingCalls: access barring information is broadcast for both signaling calls and originating calls (the bit for emergency calls is also broadcast).
Displayed name	accessBarringStatus (General)
Impact	No reset (class C)
Type	AccessBarringStatusEnum

Table 5-4 id

Name	Value
Description	AccessBarring identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

6 — AccessBarringForOriginatingCalls

Table 6-1 AccessBarringForOriginatingCalls parameters

Parameters	
accessBarringTime accessClass11Barring accessClass12Barring accessClass13Barring	accessClass14Barring accessClass15Barring accessProbabilityFactor id

Table 6-2 accessBarringTime

Name	Value
Default	s32
Description	Defines the average time that a UE must consider the cell barred for originating calls. A UE will set timer T303 to value $(0.7 + 0.6 * \text{rand}) * \text{accessBarringTime}$, where rand is a random value drawn between 0 and 1 Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessBarringTime (General)
Impact	No reset (class C)
Type	AccessBarringTimeEnum
Units	s

Table 6-3 accessClass11Barring

Name	Value
Default	False
Description	Indicates whether UE access class 11 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass11Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 6-4 accessClass12Barring

Name	Value
Default	False
Description	Indicates whether UE access class 12 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass12Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 6-5 accessClass13Barring

Name	Value
Default	False
Description	Indicates whether UE access class 13 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass13Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 6-6 accessClass14Barring

Name	Value
Default	False
Description	Indicates whether UE access class 14 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass14Barring (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	Boolean

(2 of 2)

Table 6-7 accessClass15Barring

Name	Value
Default	False
Description	Indicates whether UE access class 15 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass15Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 6-8 accessProbabilityFactor

Name	Value
Default	p50
Description	Defines the probability that a UE may access the cell for an originating call. When this parameter is set, the UE draws a random number between 0 and 1; if the drawn number is inferior to the accessProbabilityFactor, the UE considers the cell as not barred and may initiate an originating call Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessProbabilityFactor (General)
Impact	No reset (class C)
Type	AccessProbabilityFactorEnum
Units	%

Table 6-9 id

Name	Value
Description	AccessBarringForOriginatingCalls identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

7 — AccessBarringForSignaling

Table 7-1 AccessBarringForSignaling parameters

Parameters	
accessBarringTime accessClass11Barring accessClass12Barring accessClass13Barring	accessClass14Barring accessClass15Barring accessProbabilityFactor id

Table 7-2 accessBarringTime

Name	Value
Default	s32
Description	This parameter defines the average time that the UE considers the cell barred for signaling calls. The UE sets timer T303 to a value $\{(0.7 + 0.6 * \text{rand}) * \text{accessBarringTime}\}$, where rand is a random value drawn between 0 and 1. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessBarringTime (General)
Impact	No reset (class C)
Type	AccessBarringTimeEnum
Units	s

Table 7-3 accessClass11Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 11 (For PLMN use) is barred in the cell for signaling calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass11Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 7-4 accessClass12Barring

Name	Value
Default	False
Description	This parameter specifies whether UE access class 12 (Security Services) is barred in the cell for signaling calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass12Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 7-5 accessClass13Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 13 (Public Utilities) is barred in the cell for signaling calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass13Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 7-6 accessClass14Barring

Name	Value
Default	False
Description	This parameter indicates whether UE access class 14 (Emergency Services) is barred in the cell for signaling calls. See TS 36.331. Broadcast in SystemInformationBlockType2.

(1 of 2)

Name	Value
Displayed name	accessClass14Barring (General)
Impact	No reset (class C)
Type	Boolean

(2 of 2)

Table 7-7 accessClass15Barring

Name	Value
Default	False
Description	This parameter indicates whether UE access class 15 (PLMN Staff) is barred in the cell for signaling calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass15Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 7-8 accessProbabilityFactor

Name	Value
Default	p50
Description	This parameter defines the probability that a UE may access the cell for a signaling call. When this parameter is set, the UE draws a random number between 0 and 1. If the drawn number is lesser than the accessProbabilityFactor, the UE considers the cell as not barred and may initiate a signaling call. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessProbabilityFactor (General)
Impact	No reset (class C)
Type	AccessProbabilityFactorEnum
Units	%

Table 7-9 id

Name	Value
Description	AccessBarringForSignaling identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

8 — AccessBarringForSignalling

Table 8-1 AccessBarringForSignalling parameters

Parameters	
acBarringForSpecialAC accessBarringTime accessClass11Barring accessClass12Barring accessClass13Barring	accessClass14Barring accessClass15Barring accessProbabilityFactor id

Table 8-2 acBarringForSpecialAC

Name	Value
Description	Access class barring for AC 11-15. The first/ leftmost bit is for AC 11, the second bit is for AC 12, and so on. Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	acBarringForSpecialAC (General)
Impact	No reset (class C)
Maximum	5
Minimum	5
Type	String

Table 8-3 accessBarringTime

Name	Value
Description	Defines the average time that a UE must consider the cell barred for originating calls. A UE will set timer T303 to value $(0.7 + 0.6 * \text{rand}) * \text{accessBarringTime}$, where rand is a random value drawn between 0 and 1 Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessBarringTime (General)
Impact	No reset (class C)
Type	AccessBarringTimeEnum
Units	s

Table 8-4 accessClass11Barring

Name	Value
Default	False
Description	Indicates whether UE access class 11 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass11Barring (General)
Impact	Partial reset (class B)
Type	Boolean

Table 8-5 accessClass12Barring

Name	Value
Default	False
Description	Indicates whether UE access class 12 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass12Barring (General)
Impact	Partial reset (class B)
Type	Boolean

Table 8-6 accessClass13Barring

Name	Value
Default	False
Description	Indicates whether UE access class 13 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass13Barring (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Type	Boolean

(2 of 2)

Table 8-7 accessClass14Barring

Name	Value
Default	False
Description	Indicates whether UE access class 14 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass14Barring (General)
Impact	Partial reset (class B)
Type	Boolean

Table 8-8 accessClass15Barring

Name	Value
Default	False
Description	Indicates whether UE access class 15 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessClass15Barring (General)
Impact	Partial reset (class B)
Type	Boolean

Table 8-9 accessProbabilityFactor

Name	Value
Description	Defines the probability that a UE may access the cell for a signaling call. When this parameter is set, the UE draws a random number between 0 and 1; if the drawn number is inferior to the accessProbabilityFactor, the UE considers the cell as not barred and may initiate a signaling call Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessProbabilityFactor (General)
Impact	No reset (class C)
Type	AccessProbabilityFactorEnum
Units	%

Table 8-10 id

Name	Value
Description	AccessBarringForSignalling identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

9 — ActivationService

Table 9-1 ActivationService parameters

Parameters	
anrEnable	isCsfbTo1xRttForDRxUEAllowed
anrEnableUtra	isDataForwardingAllowed
groupHoppingEnabled	isDlMacCtrlEltMultiplexingAllowed
id	isDlMacNonGbrMultiplexingAllowed
ipsecFPSenable	isDSIMAllowed
ipv6EnabledTelecom	isEcIdSupportAllowed
isAisgAllowed	isEnbSelfConfigAllowed
isBearerTypeBasedPrbEstimationPreferred	isEnhancedRacEnabled
isBlindPsHoToUtraFddAllowed	isEUTRANtoHRPDMobilityAllowed
isBlindPsHoToUtraTddAllowed	isForcedDrxForCsFallbackAllowed
isCACAuditEnabled	isFullConfigForHandoverAllowed
isCcoWithNaccForCsfbEmergencyCallAllowed	isGeoLocPhaseSyncAllowed
isCcoWithNaccForCsfbGeneralVoiceCallAllowed	isGeranCcoAllowed
isCellReselectionToGeranAllowed	isGeranCsfbBasedOnUeStateAllowed
isCellReselectionToInterFreqAllowed	isHrpdMeasBasedRedirAllowed
isCellReselectionToUtraFddAllowed	isIMSEmergencyCallAllowed
isCellReselectionToUtraTddAllowed	isInterFreqBlindRedirectionAllowed
isCertificateEnabled	isInterFreqEutraSameFrameStructureMobilityAllowed
isCmasEnabled	isInterFreqHOAllowed
isCsFallbackToGeranAllowed	isIntraFreqMobilityAllowed
isCsFallbackToUtraAllowed	isIntraLteMobilityOptimizationAllowed
isCsFallbackToUtraFddAllowed	isIPsecEnabled
isCsfbEnhancedRedirectionAndPsHoAllowed	isLargePdcpsduAllowed
isCsfbEnhancedRedirectionEnabled	isMbmsBroadcastModeAllowed

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Parameters	
isMeasurementGapConfigAllowed isMeasurementGapsAllowed isMobilityToGeranAllowed isMobilityToHrpdAllowed isMobilityToUtranAllowed isModifyBearerAllowed isNonGbrPdbForWeightAllowed isNonOptRedirToHrpdAllowed isOffLoadUponReactiveLoadControlAllowed isOtdoaHearabilityEnhancementAllowed isPartialBearerHandlingAllowed isPsHoFromUtraAllowed isPsHoToUtraAllowed isPsHoToUtraFddAllowed isPsHoToUtraForCsfbEmergencyCallAllowed isPsHoToUtraForCsfbGeneralVoiceCallAllowed isPsHoToUtraTddAllowed isReactiveLoadControlAllowed isRedirectionToGERANAllowed isRedirectionToUtraFddAllowed isRedirectionToUtraTddAllowed	isRohcAllowed isRrcReEstablishmentAllowed isS1EnhancementsAllowed isS1HoAllowed isSecurityEnabled isServiceBasedTrafficSegmentationAllowed isSonPciAllocationEnabled isSpsConfigAllowed isSynchCdmaSystemTimeAllowed isTrafficBasedContextReleaseAllowed isUeCategory4Allowed isULTrafficShapingEnabled isUnlimitedPRBLicenseAllowed isUtraCsfbBasedOnUeStateAllowed isUtraDataForwardingAllowed isX2LoadIndicationAllowed lteInterFrequencyAnrForUETestEnabled lteIntraFrequencyAnrEnabled overloadCallRejectNotAllowed utraAnrEnabled

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Table 9-2 anrEnable

Name	Value
Default	False
Description	This flag allows the activation or deactivation of ANR feature
Displayed name	anrEnable (General)
Impact	No reset (class C)
Type	Boolean

Table 9-3 anrEnableUtra

Name	Value
Default	False
Description	This flag enables the activation or deactivation of Automatic Neighbor Relation functionality for UTRAN neighbors.
Displayed name	anrEnableUtra (General)
Impact	No reset (class C)
Type	Boolean

Table 9-4 groupHoppingEnabled

Name	Value
Default	True
Description	This parameter defines whether the group hopping is enabled or not for PUCCH & PUSCH & SRS, as specified in 36.211 Section 5.5.1.3.
Displayed name	groupHoppingEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 9-5 id

Name	Value
Description	ActivationService identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 9-6 ipsecFPSenable

Name	Value
Default	True
Description	ON/OFF Perfect Forward Secrecy
Displayed name	ipsecFPSenable (General)
Impact	Full reset (class A)
Type	Boolean

Table 9-7 ipv6EnabledTelecom

Name	Value
Default	False
Description	This parameter is used to indicate whether IPv6 is enabled for Telecom Traffic. If the value of this parameter is set to "true", it indicates eNodeB is using IPv6 address format. If the value of this parameter is set to "False", it indicates eNodeB is using IPv4 address format.
Displayed name	ipv6EnabledTelecom (General)

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Name	Value
Impact	Full reset (class A)
Type	Boolean

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Table 9-8 isAisgAllowed

Name	Value
Default	False
Description	This parameter indicates whether AISG is licensed for this eNodeB. If True, then this causes the AISG busses to be powered and scans performed for AISG devices. If False, the busses remain unpowered (note: any present TMAs will not have power and will not provide RF gain) and no AISG devices will be detected or controlled.
Displayed name	isAisgAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-9 isBearerTypeBasedPrbEstimationPreferred

Name	Value
Default	False
Description	This flag requests Call-Processing to use bearer type-based modem report for PRB consumption estimation, if bearer type-based modem report is received.
Displayed name	isBearerTypeBasedPrbEstimationPreferred (General)
Impact	No reset (class C)
Type	Boolean

Table 9-10 isBlindPsHoToUtraFddAllowed

Name	Value
Default	False
Description	Activation flag for feature 103612 eUTRAN to UTRAN Inter-RAT Mobility Blind PS Handover
Displayed name	isBlindPsHoToUtraFddAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-11 isBlindPsHoToUtraTddAllowed

Name	Value
Default	False
Description	Activation flag for feature eUTRAN to UTRAN TDD Inter-RAT Mobility Blind PS Handover
Displayed name	isBlindPsHoToUtraTddAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-12 isCACAuditEnabled

Name	Value
Default	False
Description	This parameter enables or disables the CAC audit.
Displayed name	isCACAuditEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 9-13 isCcoWithNaccForCsfbEmergencyCallAllowed

Name	Value
Default	True
Description	This parameter enables or disables CCO with NACC as mechanism for CS Fallback to GERAN for emergency voice calls.
Displayed name	isCcoWithNaccForCsfbEmergencyCallAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-14 isCcoWithNaccForCsfbGeneralVoiceCallAllowed

Name	Value
Default	True
Description	This parameter enables or disables CCO with NACC as mechanism for CS Fallback to GERAN for general voice calls.
Displayed name	isCcoWithNaccForCsfbGeneralVoiceCallAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-15 isCellReselectionToGeranAllowed

Name	Value
Default	False
Description	An activation flag to set whether the EUTRAN to GERAN cell reselection is enabled or disabled
Displayed name	isCellReselectionToGeranAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-16 isCellReselectionToInterFreqAllowed

Name	Value
Default	False
Description	An activation flag to enable or disable inter-freq cell reselection
Displayed name	isCellReselectionToInterFreqAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-17 isCellReselectionToUtraFddAllowed

Name	Value
Default	False
Description	Activation flag for feature 76498 eUTRAN to UTRAN Inter-RAT Mobility Cell Reselection
Displayed name	isCellReselectionToUtraFddAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-18 isCellReselectionToUtraTddAllowed

Name	Value
Default	False
Description	An activation flag to set whether the EUTRAN toUTRA-TDD cell reselection is enabled or disabled
Displayed name	isCellReselectionToUtraTddAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-19 isCertificateEnabled

Name	Value
Default	False
Description	This flag allows the activation of certificates
Displayed name	isCertificateEnabled (General)
Impact	Full reset (class A)
Type	Boolean

Table 9-20 isCmasEnabled

Name	Value
Default	False
Description	This parameter enables or disables the Commercial Mobile Alert Service (CMAS).
Displayed name	isCmasEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 9-21 isCsFallbackToGeranAllowed

Name	Value
Default	False
Description	Activation flag for feature 92025 CS Fallback to GERAN
Displayed name	isCsFallbackToGeranAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-22 isCsFallbackToUtraAllowed

Name	Value
Default	False
Description	This parameter enables or disables the applicable feature for CS Fallback to UTRAN.
Displayed name	isCsFallbackToUtraAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-23 isCsFallbackToUtraFddAllowed

Name	Value
Default	False
Description	Activation flag for feature 92026 CS Fallback to UTRAN
Displayed name	isCsFallbackToUtraFddAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-24 isCsfbEnhancedRedirectionAndPsHoAllowed

Name	Value
Default	False
Description	This parameter enables or disables the capability of Enhanced Redirection based CSFB to UTRAN and GERAN and enhancement of PS Handover to UTRAN.
Displayed name	isCsfbEnhancedRedirectionAndPsHoAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-25 isCsfbEnhancedRedirectionEnabled

Name	Value
Default	False
Description	This parameter enables or disables the capability of Enhanced Redirection based CSFB to UTRAN at the OMC by means of a software license mechanism. This flag enables the capability to be managed commercially as an optional value-added feature. By default, the feature is disabled.
Displayed name	isCsfbEnhancedRedirectionEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 9-26 isCsfbTo1xRttForDRxUEallowed

Name	Value
Default	False
Description	This parameter, if True, indicates to UEs, by means of SIB8, that the eNodeB is capable of supporting Dual-Rx UE CS Fallback to 1xRTT. Refer to TS 36.331.
Displayed name	isCsfbTo1xRttForDRxUEallowed (General)

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Name	Value
Impact	No reset (class C)
Type	Boolean

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Table 9-27 isDataForwardingAllowed

Name	Value
Description	This flag enables data forwarding
Displayed name	isDataForwardingAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-28 isDlMacCtrlEltMultiplexingAllowed

Name	Value
Default	False
Description	This parameter enables or disables the MAC control element multiplexing with signaling or traffic bearers.
Displayed name	isDlMacCtrlEltMultiplexingAllowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 9-29 isDlMacNonGbrMultiplexingAllowed

Name	Value
Default	False
Description	Activate or deactivate the Downlink MAC multiplexing for Non-GBR bearers.
Displayed name	isDlMacNonGbrMultiplexingAllowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 9-30 isDSIMallowed

Name	Value
Default	True
Description	This flag enables or disables Dynamic System Info Modification (DSIM) under cell parameter changes (L97933).
Displayed name	isDSIMallowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-31 isEcidsupportallowed

Name	Value
Default	False
Description	This flag enables or disables the feature for ECID support.
Displayed name	isEcidsupportallowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-32 isEnbSelfConfigAllowed

Name	Value
Default	False
Description	This parameter is used for feature licensing. If "enableAutomaticConfiguration" is set to "true", this parameter must be set to "true". If "enableAutomaticUpgrade" is set to "true", this parameter must be set to "true".
Displayed name	isEnbSelfConfigAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-33 isEnhancedRacEnabled

Name	Value
Default	True
Description	This activation flag enables the support of enhanced RAC using real-time resource utilization measurement reports from modem.
Displayed name	isEnhancedRacEnabled (General)

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Name	Value
Impact	No reset (class C)
Type	Boolean

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Table 9-34 isEUTRANToHRPDMobilityAllowed

Name	Value
Default	False
Description	An activation flag to set whether the EUTRAN to CDMA HRPD feature is enabled or disabled globally
Displayed name	isEUTRANToHRPDMobilityAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-35 isForcedDrxFoCsFallbackAllowed

Name	Value
Default	False
Description	This parameter defines whether the eNB is allowed to trigger DRX when requesting measurements from UEs for CS Fallback purposes. This may significantly improve the time needed for a UE to perform an inter-RAT measurement.
Displayed name	isForcedDrxFoCsFallbackAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-36 isFullConfigForHandoverAllowed

Name	Value
Default	False
Description	This parameter enables the 3GPP fullConfig option on the eNodeB when it acts as the Target and manages the ue-ConfigRelease IE when it acts as the Source to support inter-release HO and IOT HO. Refer to TS 36.331.
Displayed name	isFullConfigForHandoverAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-37 isGeoLocPhaseSyncAllowed

Name	Value
Default	False
Description	Activation flag for feature 97084 eNB Phase-Sync Support for OTDOA
Displayed name	isGeoLocPhaseSyncAllowed (General)
Impact	Full reset (class A)
Type	Boolean

Table 9-38 isGeranCcoAllowed

Name	Value
Default	False
Description	An activation flag to set whether the EUTRAN to GERAN cell change order is enabled or disabled
Displayed name	isGeranCcoAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-39 isGeranCsfbBasedOnUeStateAllowed

Name	Value
Default	False
Description	This parameter enables or disables selective CS Fallback to GERAN method based on UE state: CCO with NACC for connected UEs, enhanced redirection for Idle UEs.
Displayed name	isGeranCsfbBasedOnUeStateAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-40 isHrpdMeasBasedRedirAllowed

Name	Value
Default	False
Description	This flag enables Enhanced Non-optimized LTE-to-eHRLD redirection via Event B2 (L84876) for active UEs if SIB8 HRPD info is configured on the cell (i.e hrpdInfoConfigured = True). Refer to isSynchCdmaSystemTimeAllowed for UEs requiring MG (measurement gaps).
Displayed name	isHrpdMeasBasedRedirAllowed (General)

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Name	Value
Impact	No reset (class C)
Type	Boolean

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Table 9-41 isIMSEmergencyCallAllowed

Name	Value
Default	False
Description	This parameter enables or disables the IMS VoIP Emergency Call feature.
Displayed name	isIMSEmergencyCallAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-42 isInterFreqBlindRedirectionAllowed

Name	Value
Default	False
Description	An activation flag to enable or disable inter-freq intra-LTE blind-redirection
Displayed name	isInterFreqBlindRedirectionAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-43 isInterFreqEutraSameFrameStructureMobilityAllowed

Name	Value
Default	False
Description	An activation flag to enable or disable inter-freq cell reselection or Handover or Redirection
Displayed name	isInterFreqEutraSameFrameStructureMobilityAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-44 isInterFreqHOAllowed

Name	Value
Default	False
Description	An activation flag to enable or disable inter-freq intra-LTE handover
Displayed name	isInterFreqHOAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-45 isIntraFreqMobilityAllowed

Name	Value
Default	True
Description	This flag enables or disables the procedure of intra-frequency mobility. If disabled, the eNB will not trigger any outgoing intra-frequency mobility procedure and will reject any incoming mobility procedure.
Displayed name	isIntraFreqMobilityAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-46 isIntraLteMobilityOptimizationAllowed

Name	Value
Default	False
Description	An activation flag to enable or disable Handover optimization features. It serves debug and LA3.0 isofunctionality purposes.
Displayed name	isIntraLteMobilityOptimizationAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-47 isIPsecEnabled

Name	Value
Default	False
Description	This activation flag enables the support Ipsec
Displayed name	isIPsecEnabled (General)
Impact	Full reset (class A)
Type	Boolean

Table 9-48 isLargePdcpsduAllowed

Name	Value
Default	True
Description	The parameter to disable/enable the large PDCP SDU support. This is an eNB global parameter. Once enabled, PDCP, RLC need to support up to 8188 bytes PDCP SDUs on both CPlane and UPlane. When it is disabled, the RLC and PDCP will only support SDUs up to pre-LA2.0 dimensioned size (2KB).
Displayed name	isLargePdcpsduAllowed (General)
Impact	Full reset (class A)
Type	Boolean

Table 9-49 isMbmsBroadcastModeAllowed

Name	Value
Default	False
Description	This parameter activates the eMBMS feature.
Displayed name	isMbmsBroadcastModeAllowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 9-50 isMeasurementGapConfigAllowed

Name	Value
Default	False
Description	Activation flag for feature 93720 Measurement Gap Configuration
Displayed name	isMeasurementGapConfigAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-51 isMeasurementGapsAllowed

Name	Value
Default	True
Description	Activation flag to allow or not Measurement Gap Configuration
Displayed name	isMeasurementGapsAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-52 isMobilityToGeranAllowed

Name	Value
Default	False
Description	Activation flag for mobility to GERAN features: - L84807 eUTRAN to GERAN Inter-RAT Mobility Cell Reselection-Redirection - L96371 eUTRA-to-GERAN Inter-RAT Mobility â NACC
Displayed name	isMobilityToGeranAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-53 isMobilityToHrpdAllowed

Name	Value
Default	False
Description	This flag enables non-optimized LTE-to-eHRPD redirection via Event A2 (L82728) for active UEs if SIB8 HRPD info is configured on the cell (i.e. hrpdInfoConfigured = True). Whether Enhanced Non-optimized LTE-to-eHRLD redirection via Event B2 (L84876) is activated depends on isHrpdMeasBasedRedirAllowed in addition to this flag. A single license supported by L79969 is shared between L82728 and L84876.
Displayed name	isMobilityToHrpdAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-54 isMobilityToUtranAllowed

Name	Value
Default	False
Description	Activation flag for mobility to UTRAN features: - L76498 eUTRAN to UTRAN Inter-RAT Mobility Cell Reselection-Redirection - L96372 EUTRAN-to-UTRAN Inter-RAT Mobility - PS Handover
Displayed name	isMobilityToUtranAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-55 isModifyBearerAllowed

Name	Value
Default	False
Description	This flag allows the activation of E-RAB Modification and UE AMBR modification

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Name	Value
Displayed name	isModifyBearerAllowed (General)
Impact	No reset (class C)
Type	Boolean

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Table 9-56 isNonGbrPdbForWeightAllowed

Name	Value
Default	False
Description	This parameter enables or disables the new Non-GBR weight computation with PDB.
Displayed name	isNonGbrPdbForWeightAllowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 9-57 isNonOptRedirToHrpdAllowed

Name	Value
Default	False
Description	This flag enables non-optimized LTE-to-eHRPD redirection via Event A2 (L82728) for active UEs if SIB8 HRPD info is configured on the cell and hrpdInfoConfigured = True
Displayed name	isNonOptRedirToHrpdAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-58 isOffLoadUponReactiveLoadControlAllowed

Name	Value
Default	False
Description	This parameter allows or disables the mobility trigger to off-load UE upon reactive load control decision. This parameter is also used for mobility load-based licensing.
Displayed name	isOffLoadUponReactiveLoadControlAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-59 isOtdoaHearabilityEnhancementAllowed

Name	Value
Default	False
Description	This parameter enables OTDOA hearability enhancement, by transmission of Positioning Reference Signals in the cells.
Displayed name	isOtdoaHearabilityEnhancementAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-60 isPartialBearerHandlingAllowed

Name	Value
Default	True
Description	This activation flag enables the support of partial success handling in case of bearer management or handover scenarios
Displayed name	isPartialBearerHandlingAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-61 isPsHoFromUtraAllowed

Name	Value
Default	False
Description	This parameter enables eNodeB to accept PS handover from Utra. We shall set this attribute to true to allow PS handover from UTRAN.
Displayed name	isPsHoFromUtraAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-62 isPsHoToUtraAllowed

Name	Value
Default	False
Description	This parameter activates the eUTRAN to UTRA FDD/TDD Inter-RAT Mobility PS Handover with inter-RAT Measurements.
Displayed name	isPsHoToUtraAllowed (General)

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Name	Value
Impact	No reset (class C)
Type	Boolean

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Table 9-63 isPsHoToUtraFddAllowed

Name	Value
Default	False
Description	Activation flag for feature 96732 eUTRAN to UTRAN Inter-RAT Mobility PS Handover with inter-RAT Measurements
Displayed name	isPsHoToUtraFddAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-64 isPsHoToUtraForCsfbEmergencyCallAllowed

Name	Value
Default	True
Description	This parameter enables or disables PS Handover as mechanism for CS Fallback to UTRAN for emergency voice calls.
Displayed name	isPsHoToUtraForCsfbEmergencyCallAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-65 isPsHoToUtraForCsfbGeneralVoiceCallAllowed

Name	Value
Default	True
Description	This parameter enables or disables PS Handover as mechanism for CS Fallback to UTRAN for general voice calls.
Displayed name	isPsHoToUtraForCsfbGeneralVoiceCallAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-66 isPsHoToUtraTddAllowed

Name	Value
Default	False
Description	Activation flag for feature eUTRAN to UTRA-TDD Inter-RAT Mobility PS handover
Displayed name	isPsHoToUtraTddAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-67 isReactiveLoadControlAllowed

Name	Value
Default	False
Description	This flag enables/disables reactive load control. It is ignored when isCongestionMgmtAllowed is set to FALSE.
Displayed name	isReactiveLoadControlAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-68 isRedirectionToGERANAllowed

Name	Value
Default	False
Description	An activation flag to set whether the EUTRAN to GERAN redirection is enabled or disabled globally
Displayed name	isRedirectionToGERANAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-69 isRedirectionToUtraFddAllowed

Name	Value
Default	False
Description	Activation flag for feature 76498 eUTRAN to UTRAN Inter-RAT Mobility Redirection
Displayed name	isRedirectionToUtraFddAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-70 isRedirectionToUtraTddAllowed

Name	Value
Default	False
Description	Activation flag for feature eUTRAN to UTRAN-TDD Inter-RAT Mobility Cell Reselection-Redirection
Displayed name	isRedirectionToUtraTddAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-71 isRohcAllowed

Name	Value
Default	True
Description	An activation flag to set whether RoHC feature is enabled or disabled globally
Displayed name	isRohcAllowed (General)
Impact	Full reset (class A)
Type	Boolean

Table 9-72 isRrcReEstablishmentAllowed

Name	Value
Description	This flag enables or disables the procedure for RRC Re-Establishment. If disabled, RRC Re-establishment procedure initiated by the UE is rejected by the eNB and UE context is released.. UE context release procedure is initiated on eNB internal triggers (i.e. RL failure or RLC failure).
Displayed name	isRrcReEstablishmentAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-73 isS1EnhancementsAllowed

Name	Value
Default	False
Description	This flag allows the activation or improvements over S1
Displayed name	isS1EnhancementsAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-74 isS1HoAllowed

Name	Value
Default	False
Description	This flag enables or disables the S1 handover procedure. If disabled, the eNB will not trigger any outgoing S1 handover procedure and will reject any incoming S1 handover procedure.
Displayed name	isS1HoAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-75 isSecurityEnabled

Name	Value
Default	False
Description	This flag enables or disables AS security (both ciphering and integrity protection) between the UE and the eNB. If disabled, eNB behaviour is the same as in LA1.0: the eNB always applies the "Null" ciphering algorithm (EEA0) to SRB1, SRB2 and established
Displayed name	isSecurityEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 9-76 isServiceBasedTrafficSegmentationAllowed

Name	Value
Default	False
Description	This parameter activates the capability of service based traffic segmentation mobility control, which includes the service type definition and service filters policy configuration, on and off at the XMS via a software license mechanism. This flag enables this capability to be managed commercially as an optional value-added feature. Default condition is the feature is disabled
Displayed name	isServiceBasedTrafficSegmentationAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-77 isSonPciAllocationEnabled

Name	Value
Default	False
Description	This flag, combined to anrEnable attribute, allows the activation and the deactivation of PCI allocation by eNB. Enabling ANR feature is a pre-requisite for PCI allocation by eNB.
Displayed name	isSonPciAllocationEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 9-78 isSpsConfigAllowed

Name	Value
Default	False
Description	This flag enables or disables the Semi Persistent Scheduling of VoIP bearers.
Displayed name	isSpsConfigAllowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 9-79 isSynchCdmaSystemTimeAllowed

Name	Value
Default	False
Description	If true, SFN boundaries leaving antenna tips of eNB cells are phase-sync'd with the timing reference of a GPS-disciplined oscillator capable of phase holdover; the optional (CDMA) systemTimeInfo IE is included in SIB8 in Sys Info broadcast (as long as certain CDMA timing properties are maintained by eNB HW). The combination allows connected UEs requiring measurement gaps to perform CDMA measurements and reporting in L84876 context.
Displayed name	isSynchCdmaSystemTimeAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-80 isTrafficBasedContextReleaseAllowed

Name	Value
Default	True
Description	This flag activates the UE context relase triggerd by traffic inactivity

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Name	Value
Displayed name	isTrafficBasedContextReleaseAllowed (General)
Impact	No reset (class C)
Type	Boolean

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Table 9-81 isUeCategory4Allowed

Name	Value
Default	False
Description	This parameter enables the full support of UE Category 4 capabilities. If disabled, UEs reporting Category 4 and upwards are accepted, but handled with Category 3 capabilities.
Displayed name	isUeCategory4Allowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-82 isUITrafficShapingEnabled

Name	Value
Default	False
Description	This parameter enables or disables the support of UL traffic shaping.
Displayed name	isUITrafficShapingEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 9-83 isUnlimitedPRBLicenseAllowed

Name	Value
Default	True
Description	This parameter defines whether the eNodeB has the license to operate with full BW instead of PRB license.
Displayed name	isUnlimitedPRBLicenseAllowed (General)
Impact	Full reset (class A)
Type	Boolean

Table 9-84 isUtraCsfbBasedOnUeStateAllowed

Name	Value
Default	False
Description	This parameter enables or disables selective CS Fallback to UTRAN method based on UE state: PS Handover for connected UEs, enhanced redirection for Idle UEs.
Displayed name	isUtraCsfbBasedOnUeStateAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-85 isUtraDataForwardingAllowed

Name	Value
Default	False
Description	This parameter activates the data forwarding during inter-RAT handover to UTRA FDD/TDD
Displayed name	isUtraDataForwardingAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-86 isX2LoadIndicationAllowed

Name	Value
Default	False
Description	Activation flag to enable or disable X2 load indication feature
Displayed name	isX2LoadIndicationAllowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 9-87 lteInterFrequencyAnrForUETestEnabled

Name	Value
Default	False
Description	This parameter activates or deactivates LTE inter-frequency ANR function used for UE tests.
Displayed name	lteInterFrequencyAnrForUETestEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 9-88 lteIntraFrequencyAnrEnabled

Name	Value
Default	False
Description	This parameter activates or deactivates LTE intra-frequency ANR function.
Displayed name	lteIntraFrequencyAnrEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 9-89 overloadCallRejectNotAllowed

Name	Value
Default	False
Description	This parameter activates a proprietary MME overload-handling mechanism. Rather than rejecting calls in case of MME overload as specified in 36.413, it allows to release RRC Connection with cause "loadbalancingTAUrequired". This will result in a new RRC Connection without providing S-TMSI or registeredMME, in which case a new MME is selected by the eNodeB. This proprietary mechanism shall be used with caution and limited to specific network topologies, as it can cause overload of other MMEs.
Displayed name	overloadCallRejectNotAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 9-90 utraAnrEnabled

Name	Value
Default	False
Description	This parameter activates or deactivates UTRAN ANR function.
Displayed name	utraAnrEnabled (General)
Impact	No reset (class C)
Type	Boolean

10 – ActiveAlarmEntry

Table 10-1 ActiveAlarmEntry parameters

Parameters	
alarmCounter alarmId	id managedObjectFDN

Table 10-2 alarmCounter

Name	Value
Mandatory on creation	Yes
Type	Long integer

Table 10-3 alarmId

Name	Value
Mandatory on creation	Yes
Type	Long integer

Table 10-4 id

Name	Value
Mandatory on creation	Yes
Type	Long integer

Table 10-5 managedObjectFDN

Name	Value
Mandatory on creation	Yes
Type	String

11 – AdaptiveTransmissionModeSwitch

Table 11-1 AdaptiveTransmissionModeSwitch parameters

Parameters	
aperiodicCQIRankAveragingCoefficientforInterModeSwitch aperiodicCQISINRAveragingCoefficientforInterModeSwitch deltaSINRforIntermodeSwitch deltaSpeedforIntermodeSwitch deltaTimeStabilityforIntermodeSwitch dSINRThresholdbetweenRank1BeamformingAndTM3 dSINRThresholdbetweenRank2BeamformingAndTM3 harqTimerinHoldState id	minimumFrozenTimeInTMSwitching periodicCQISINRAveragingCoefficientforInterModeSwitch periodicRIRankAveragingCoefficientforInterModeSwitch speedThresholdBetweenOLAndCL srsSINRAveragingCoefficientforInterModeSwitch switchingfromTM8toTM3Enabled timestabilityfiltercoefficient timestabilityThresholdBetweenOLAndCL

Table 11-2 aperiodicCQIRankAveragingCoefficientforInterModeSwitch

Name	Value
Default	15
Description	This parameter determines the forgetting-factor for time-averaging rank calculation when receiving Aperiodic CQI reports, for inter transmission mode switch. The provisioned value is divided by 256 and subtracted from 1 to provide a forgetting-factor between 0 and 0,996.
Displayed name	aperiodicCQIRankAveragingCoefficientforInterModeSwitch (General)
Impact	No reset (class C)
Maximum	256

(1 of 2)

Name	Value
Minimum	1
Type	Integer

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Table 11-3 aperiodicCQISINRAveragingCoefficientforInterModeSwitch

Name	Value
Default	15
Description	This parameter determines the forgetting-factor for time-averaging SINR calculation when receiving Aperiodic CQI reports, for inter transmission mode switch. The provisioned value is divided by 256 and subtracted from 1 to provide a forgetting-factor between 0 and 0,996.
Displayed name	aperiodicCQISINRAveragingCoefficientforInterModeSwitch (General)
Impact	No reset (class C)
Maximum	256
Minimum	1
Type	Integer

Table 11-4 deltaSINRforIntermodeSwitch

Name	Value
Default	0
Description	This parameter indicates the delta SINR, used for hysteresis in inter transmission mode switching.
Displayed name	deltaSINRforIntermodeSwitch (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 11-5 deltaSpeedforIntermodeSwitch

Name	Value
Default	0
Description	This parameter indicates the delta speed, used for hysteresis in inter transmission mode switching.

(1 of 2)

Name	Value
Displayed name	deltaSpeedforIntermodeSwitch (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Step	0.5
Type	Floating point
Units	km/hr

(2 of 2)

Table 11-6 deltaTimeStabilityforIntermodeSwitch

Name	Value
Default	0
Description	This parameter indicates the delta time stability, used for hysteresis in inter transmission mode switching.
Displayed name	deltaTimeStabilityforIntermodeSwitch (General)
Impact	No reset (class C)
Maximum	1
Minimum	0
Step	0.001
Type	Floating point

Table 11-7 dISINRThresholdbetweenRank1BeamformingAndTM3

Name	Value
Description	This parameter indicates the dl SINR threshold, which is used by DL scheduler to decide the transmission scheme switching decision between Rank1 DL beamforming(TM7 beamforming or rank1 beamforming of TM8) and transmission mode 3. It is a Cell-specific parameter and configured in the cell setup phase.
Displayed name	dISINRThresholdbetweenRank1BeamformingAndTM3 (General)
Impact	No reset (class C)
Maximum	30
Minimum	-10
Step	0.1
Type	Floating point
Units	db

Table 11-8 dSINRThresholdbetweenRank2BeamformingAndTM3

Name	Value
Description	This parameter indicates the dl SINR threshold, which is used by DL scheduler to decide the transmission scheme switching decision between Rank2 DL beamforming and transmission mode 3. It is a Cell-specific parameter and configured in the cell setup phase.
Displayed name	dSINRThresholdbetweenRank2BeamformingAndTM3 (General)
Impact	No reset (class C)
Maximum	30
Minimum	-10
Step	0.1
Type	Floating point
Units	db

Table 11-9 harqTimerinHoldState

Name	Value
Default	500
Description	This parameter indicates the waiting time for HARQ process using previous transmission mode, when transmission mode switching condition is satisfied. If set to 0, L2 should release all harq process immediately by force.
Displayed name	harqTimerinHoldState (General)
Impact	No reset (class C)
Maximum	500
Minimum	0
Type	Integer
Units	ms

Table 11-10 id

Name	Value
Description	AdaptiveTransmissionModeSwitch identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 11-11 minimumFrozenTimeInTMSwitching

Name	Value
Default	100
Description	This parameter specifies the minimum time interval between two transmission mode switch happens. After the TM switch completed, no new TM switch is allowed during this time.
Displayed name	minimumFrozenTimeInTMSwitching (General)
Impact	No reset (class C)
Maximum	2048
Minimum	0
Type	Integer
Units	ms

Table 11-12 periodicCQISINRAveragingCoefficientforInterModeSwitch

Name	Value
Default	15
Description	This parameter determines the forgetting-factor for time-averaging SINR calculation when receiving periodic CQI reports, for inter transmission mode switch. The provisioned value is divided by 256 and subtracted from 1 to provide a forgetting-factor between 0 and 0,996.
Displayed name	periodicCQISINRAveragingCoefficientforInterModeSwitch (General)
Impact	No reset (class C)
Maximum	256
Minimum	1
Type	Integer

Table 11-13 periodicRIRankAveragingCoefficientforInterModeSwitch

Name	Value
Default	15
Description	This parameter determines the forgetting-factor for time-averaging rank calculation when receiving periodic RI reports, for inter transmission mode switch. The provisioned value is divided by 256 and subtracted from 1 to provide a forgetting-factor between 0 and 0,996.
Displayed name	periodicRIRankAveragingCoefficientforInterModeSwitch (General)
Impact	No reset (class C)
Maximum	256
Minimum	1
Type	Integer

Table 11-14 speedThresholdBetweenOLAndCL

Name	Value
Default	500
Description	This parameter is a speed threshold, which is used by DL scheduler to decide the transmission scheme switching decision in inter mode transmission switch, tm3/4, tm3/7, tm3/8.
Displayed name	speedThresholdBetweenOLAndCL (General)
Impact	No reset (class C)
Maximum	500
Minimum	0
Step	0.5
Type	Floating point
Units	km/hr

Table 11-15 srsSINRAveragingCoefficientforInterModeSwitch

Name	Value
Default	15
Description	This parameter determines the forgetting-factor for time-averaging SRS SINR calculation, for inter transmission mode switch. The provisioned value is divided by 256 and subtracted from 1 to provide a forgetting-factor between 0 and 0,996.
Displayed name	srsSINRAveragingCoefficientforInterModeSwitch (General)
Impact	No reset (class C)
Maximum	256
Minimum	1
Type	Integer

Table 11-16 switchingfromTM8toTM3Enabled

Name	Value
Default	True
Description	This parameter indicates if the switch from TM8 to TM3 is enabled or disabled.
Displayed name	switchingfromTM8toTM3Enabled (General)
Impact	No reset (class C)
Type	Boolean

Table 11-17 timestabilityfiltercoefficient

Name	Value
Default	15
Description	This parameter specifies the filter coefficient for the time stability. only used for switching between TM3 and TM4.
Displayed name	timestabilityfiltercoefficient (General)
Impact	No reset (class C)
Maximum	256
Minimum	1
Type	Integer

Table 11-18 timestabilityThresholdBetweenOLAndCL

Name	Value
Default	1
Description	This parameter is a time stability threshold, which is used by DL scheduler to decide the transmission scheme switching decision between open-loop transmission and closed-loop transmission. only used for switching between TM3 and TM4.
Displayed name	timestabilityThresholdBetweenOLAndCL (General)
Impact	No reset (class C)
Maximum	1
Minimum	0
Step	0.001
Type	Floating point

12 – AGWApn

Table 12-1 AGWApn parameters

Parameters	
apnName description	siteIdAddressType

Table 12-2 apnName

Name	Value
Default	No default
Description	The value of apnName specifies the describes the Access Point Name (APN) associated with an User Equipment (UE).
Displayed name	Name (General)
Mandatory on creation	Yes
Maximum	80
Minimum	1
Type	String

Table 12-3 description

Name	Value
Default	No default
Description	The value of apnName specifies the describes the Access Point Name (APN) associated with an User Quipment (UE).
Displayed name	Description (General)
Maximum	80
Minimum	0
Type	String

Table 12-4 siteldAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

13 – AgwChargingProfile

Table 13-1 AgwChargingProfile parameters

Parameters	
chargingId offlineState prctMsTimeZoneChange	prctTimeLimit prctVolumeLimit

Table 13-2 chargingId

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	255
Minimum	0
Type	Long integer

Table 13-3 offlineState

Name	Value
Default	disabled
Type	EnableStatus

Table 13-4 prctMsTimeZoneChange

Name	Value
Default	disabled
Type	EnableStatus

Table 13-5 prctTimeLimit

Name	Value
Default	3600
Maximum	86400
Minimum	0
Type	Integer
Units	s

Table 13-6 prctVolumeLimit

Name	Value
Default	4096
Maximum	65535
Minimum	0
Type	Integer
Units	Kbytes

14 – AGWGxReferencePoint

Table 14-1 AGWGxReferencePoint parameters

Parameters	
diameterRetryCount	diameterTransactionTimer

Table 14-2 diameterRetryCount

Name	Value
Default	3
Description	The value of diameterRetryCount specifies the number of times the same message is re-tried before declaring a failed attempt.
Displayed name	Retry Count (General)
Maximum	8
Minimum	1
Type	Integer

Table 14-3 diameterTransactionTimer

Name	Value
Default	5
Description	The value of diameterTransactionTimer specifies the maximum amount of time the node waits for a diameter peer to respond before trying another peer.

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Name	Value
Displayed name	Transaction Timer (General)
Maximum	180
Minimum	1
Type	Integer
Units	s

(2 of 2)

15 – AlarmFlowReductionEntry

Table 15-1 AlarmFlowReductionEntry parameters

Parameters	
alarmID beginFilterTimer endFilterTimer	pingpongThreshold pingpongTimer

Table 15-2 alarmID

Name	Value
Description	AlarmID and index value of the table entry.
Displayed name	Alarm ID (General)
Mandatory on creation	Yes
Maximum	2147483647
Minimum	0
Type	Long integer

Table 15-3 beginFilterTimer

Name	Value
Description	Timer threshold for the BEGIN alarm filtering.
Displayed name	Begin Filter Timer (General)

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Name	Value
Type	Long integer
Units	Seconds

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Table 15-4 endFilterTimer

Name	Value
Description	Timer threshold for the END alarm filtering.
Displayed name	End Filter Timer (General)
Type	Long integer
Units	Seconds

Table 15-5 pingpongThreshold

Name	Value
Description	Threshold value for the maximum number of END alarms before the ping-pong filtering is enabled."
Displayed name	Ping Pong Threshold (General)
Type	Long integer

Table 15-6 pingpongTimer

Name	Value
Description	Period during which the pingpongThreshold must be reached in order to trigger the ping-pong filtering.
Displayed name	Ping Pong Timer (General)
Type	Long integer
Units	Seconds

16 – Antenna

Table 16-1 antennaModel

Name	Value
Default	No default
Description	Name of the antenna manufacturer and the antenna model
Displayed name	Antenna Model (General)
Mandatory on creation	Yes
Type	String

17 – AntennaPort

Table 17-1 AntennaPort parameters

Parameters	
administrativeState	assignedPortNumber
antennaGain	equippedAntennaModel
antennaLabel	id
antennaPathAttenuationDL	rxUsed
antennaPathAttenuationUL	sectorId
antennaPathDelayDL	txUsed
antennaPathDelayUL	vswrUrgentThreshold
antennaPortLabel	vswrWarningThreshold

Table 17-2 administrativeState

Name	Value
Description	The administrative state of this antenna port. Only 'unlocked' is supported. Other values cannot be set
displayed	Administrative State
Type	AntennaPortAdministrativeStateTypeEnum

Table 17-3 antennaGain

Name	Value
Decimals	1
Default	0
Description	The gain of the antenna attached to this antenna port
Displayed name	Antenna Gain (General)
Impact	Partial reset (class B)
Maximum	300
Minimum	0
Type	Integer
Units	dB

Table 17-4 antennaLabel

Name	Value
Default	No default
Description	The label of the antenna. To IDentify the antenna by a friendly name.
Displayed name	Antenna Label (General)
Maximum	255
Minimum	0
Type	String

Table 17-5 antennaPathAttenuationDL

Name	Value
Decimals	1
Default	0
Description	Total external downlink loss (feeder plus Diplexer/Combiner) between eNB and antenna. If a TTLNA is installed , this is the loss between eNB and TTLNA. 0 means that no feeder loss value is available.
Displayed name	Antenna Path Attenuation Downlink (General)
Impact	Partial reset (class B)
Maximum	60
Minimum	0
Type	Integer
Units	dB

Table 17-6 antennaPathAttenuationUL

Name	Value
Decimals	1
Default	0
Description	Total external uplink loss (feeder plus Diplexer/Combiner) between eNB and antenna. If a TTLNA is installed, this is the loss between eNB and TTLNA. 0 means that no feeder loss value is available.
Displayed name	Antenna Path Attenuation Uplink (General)
Impact	Partial reset (class B)
Maximum	60
Minimum	0
Type	Integer
Units	dB

Table 17-7 antennaPathDelayDL

Name	Value
Default	0
Description	Indicates total external Downlink propagation delay (feeder DL delay plus diplexer/combiner) from antenna to the eNB RF input in units of nsec. Includes also a potential contribution of a tower mounted amplifier TMA, if equipped. 0 means that no feeder delay value is available.
Displayed name	Antenna Path Delay Downlink (General)
Impact	Partial reset (class B)
Maximum	100000
Minimum	0
Type	Long integer
Units	ns

Table 17-8 antennaPathDelayUL

Name	Value
Default	0
Description	Indicates total external Uplink propagation delay (feeder UL delay plus diplexer/combiner) from antenna to the eNB RF input in units of nsec. Includes also a potential contribution of a tower mounted amplifier TMA, if equipped. 0 means that no feeder delay value is available.
Displayed name	Antenna Path Delay Uplink (General)
Impact	Partial reset (class B)
Maximum	100000

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Name	Value
Minimum	0
Type	Long integer
Units	ns

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Table 17-9 antennaPortLabel

Name	Value
Default	No default
Description	The label of the antenna port. The string should be IDentical to the antenna label on the roof of the BS. Example: 'N ANT A'.
Displayed name	Antenna Port Label (General)
Type	String

Table 17-10 assignedPortNumber

Name	Value
Default	0
Description	Number of the transceiver port that is connected to this antenna port. Encoding: 0 = not connected; 1 = transceiver port #1; 2 = transceiver port #2 .
Displayed name	Assigned Port Number (General)
Mandatory on creation	Yes
Maximum	8
Minimum	0
Type	Long integer

Table 17-11 equippedAntennaModel

Name	Value
Default	No default
Description	The antenna model attached to this antenna port. Beam forming is only available with antennas in the antennaModelTable
Impact	Partial reset (class B)
Maximum	127
Minimum	0
Type	String

Table 17-12 id

Name	Value
Description	A user friendly name of the cell that corresponds to the absolute IDentifier for the LTEcell object in XML MIM with inter-eNodeB consistency rules. This attribute allows IDentifying a cell within a BS.
Mandatory on creation	Yes
Type	Integer

Table 17-13 rxUsed

Name	Value
Default	True
Description	Flag to allow configuration of no RX usage on this antenna port if set to 'false'. Default is 'true'.
Displayed name	Is Rx Used (General)
Impact	Partial reset (class B)
Type	Boolean

Table 17-14 sectorId

Name	Value
Description	Sector number that is assigned to this antenna port. 0 means that no sector has been assigned.
Displayed name	sectorId (General)
Impact	Partial reset (class B)
Maximum	3
Minimum	1
Type	Long integer

Table 17-15 txUsed

Name	Value
Default	True
Description	Flag to allow configuration of no TX usage on this antenna port if set to 'false'. Default is 'true'.
Displayed name	Is Tx Used (General)
Impact	Partial reset (class B)
Type	Boolean

Table 17-16 vswrUrgentThreshold

Name	Value
Decimals	1
Default	30
Description	If the urgent threshold is crossed on this antenna port, a VSWR urgent alarm is generated. The attribute is a fixed-comma value with an accuracy of 0.1. It is encoded as an integer value: 1 = 0.1. Example: A VSWR value of 1.5 is encoded as 15. As it is a relation, it is unitless. If the value is set to 0, the urgent alarm reporting is disabled.
Displayed name	VSWR Urgent Threshold (General)
Maximum	100
Minimum	0
Type	Integer

Table 17-17 vswrWarningThreshold

Name	Value
Decimals	1
Default	19
Description	If the warning threshold value is crossed on this antenna port, a VSWR warning alarm is generated. The attribute is a fixed-comma value with an accuracy of 0.1. It is encoded as an integer value: 1 = 0.1. Example: A VSWR value of 1.5 is encoded as 15. As it is a relation, it is unitless. If the value is set to 0, the warning alarm reporting is disabled.
Displayed name	VSWR Warning Threshold (General)
Maximum	100
Minimum	0
Type	Integer

18 – AntennaPortSpecifics

Table 18-1 AntennaPortSpecifics parameters

Parameters	
administrativeState	equippedAntennaModel
antennaGain	jumperLossDl
antennaPathAttenuationDL	jumperLossUl
antennaPathAttenuationUL	vswrUrgentThreshold
assignedPortNumber	vswrWarningThreshold

Table 18-2 administrativeState

Name	Value
Description	The administrative state of this antenna port. Only 'unlocked' is supported. Other values cannot be set
Displayed name	Administrative State (States)
displayed	Administrative State
Type	AntennaPortAdministrativeStateTypeEnum

Table 18-3 antennaGain

Name	Value
Decimals	1
Default	0

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Name	Value
Description	The gain of the antenna attached to this antenna port
Displayed name	Antenna Gain (General)
Impact	Partial reset (class B)
Maximum	300
Minimum	0
Type	Floating point
Units	dB

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Table 18-4 antennaPathAttenuationDL

Name	Value
Decimals	1
Default	0
Description	Total external downlink loss (feeder plus Diplexer/Combiner) between eNB and antenna. If a TTLNA is installed , this is the loss between eNB and TTLNA. 0 means that no feeder loss value is available.
Displayed name	Antenna Path Attenuation Downlink (General)
Impact	Partial reset (class B)
Maximum	60
Minimum	0
Type	Integer
Units	dB

Table 18-5 antennaPathAttenuationUL

Name	Value
Decimals	1
Default	0
Description	Total external uplink loss (feeder plus Diplexer/Combiner) between eNB and antenna. If a TTLNA is installed , this is the loss between eNB and TTLNA. 0 means that no feeder loss value is available.
Displayed name	Antenna Path Attenuation Uplink (General)
Impact	Partial reset (class B)
Maximum	60
Minimum	0
Type	Floating point
Units	dB

Table 18-6 assignedPortNumber

Name	Value
Default	0
Description	Number of the transceiver port that is connected to this antenna port. Encoding: 0 = not connected; 1 = transceiver port #1; 2 = transceiver port #2 .
Displayed name	Assigned Port Number (General)
Mandatory on creation	Yes
Maximum	8
Minimum	0
Type	Long integer

Table 18-7 equippedAntennaModel

Name	Value
Default	No default
Description	The antenna model attached to this antenna port. Beam forming is only available with antennas in the antennaModelTable
Impact	Partial reset (class B)
Maximum	127
Minimum	0
Type	String

Table 18-8 jumperLossDL

Name	Value
Description	External loss due to jumper cables between the output of the RFM (type TRDU) and the antenna connector (EAC).
Displayed name	Jumper Loss DL (General)
Maximum	100
Minimum	0
Type	Integer
Units	1/10 dB

Table 18-9 jumperLossUI

Name	Value
Description	External loss due to jumper cables between the antenna connector (EAC) and the input of the RFM (type TRDU).
Displayed name	Jumper Loss UL (General)
Maximum	100
Minimum	0
Type	Integer
Units	1/10 dB

Table 18-10 vswrUrgentThreshold

Name	Value
Decimals	1
Default	0
Description	If the urgent threshold is crossed on this antenna port, a VSWR urgent alarm is generated. The attribute is a fixed-comma value with an accuracy of 0.1. It is encoded as an integer value: 1 = 0.1. Example: A VSWR value of 1.5 is encoded as 15. As it is a relation, it is unitless. If the value is set to 0, the urgent alarm reporting is disabled.
Displayed name	VSWR Urgent Threshold (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	0
Type	Integer

Table 18-11 vswrWarningThreshold

Name	Value
Decimals	1
Default	0
Description	If the warning threshold value is crossed on this antenna port, a VSWR warning alarm is generated. The attribute is a fixed-comma value with an accuracy of 0.1. It is encoded as an integer value: 1 = 0.1. Example: A VSWR value of 1.5 is encoded as 15. As it is a relation, it is unitless. If the value is set to 0, the warning alarm reporting is disabled.
Displayed name	VSWR Warning Threshold (General)
Impact	Partial reset (class B)
Maximum	100

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Name	Value
Minimum	0
Type	Floating point

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19 – AutomaticNeighborRelation

Table 19-1 AutomaticNeighborRelation parameters

Parameters	
activePhaseMeasReportHysteresis activePhaseMeasReportThreshold dormantPhaseTimerForCgiDiscovery dormantPhaseTimerForEcgiDiscovery	drxCycleForReportCGI id uEContributionInWakeUpPhase

Table 19-2 activePhaseMeasReportHysteresis

Name	Value
Default	200
Description	This parameter defines the minimum number of consecutive measurement reports received by the eNodeB without discovering a new neighbour relation that is required to exit the active phase of ANR. The other condition is given by parameter activePhaseMeasReportThreshold.
Displayed name	activePhaseMeasReportHysteresis (General)
Impact	No reset (class C)
Maximum	500
Minimum	5
Step	5
Type	Integer

Table 19-3 activePhaseMeasReportThreshold

Name	Value
Default	1000
Description	This parameter defines the minimum number of measurement reports received by the eNodeB that is required to exit the active phase of ANR. The other condition is given by parameter activePhaseMeasReportHysteresis.
Displayed name	activePhaseMeasReportThreshold (General)
Impact	No reset (class C)
Maximum	2000
Minimum	10
Step	10
Type	Integer

Table 19-4 dormantPhaseTimerForCgiDiscovery

Name	Value
Default	5
Description	This parameter specifies the length of time that the eNodeB will dedicate to attempting actively to identify the CGI associated with a newly discovered PCI (on LTE or other RAT) during the dormant phase of ANR.
Displayed name	dormantPhaseTimerForCgiDiscovery (General)
Impact	No reset (class C)
Maximum	30
Minimum	5
Step	5
Type	Integer
Units	min

Table 19-5 dormantPhaseTimerForEcgiDiscovery

Name	Value
Default	5
Description	This parameter defines the time the eNodeB dedicates to actively attempt identifying the ECgi associated to a newly discovered PCI during the dormant phase of ANR.
Displayed name	dormantPhaseTimerForEcgiDiscovery (General)
Impact	No reset (class C)
Maximum	60
Minimum	5

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Name	Value
Step	5
Type	Integer
Units	min

(2 of 2)

Table 19-6 drxCycleForReportCGI

Name	Value
Default	sf160
Description	This parameter defines the DRX long cycle length that is used when a UE is requested to report the ECGI of a neighbor cell, as part of the Automatic Neighbor Relation function.
Displayed name	drxCycleForReportCGI (General)
Impact	No reset (class C)
Type	DrxCycleForReportCGIEnum

Table 19-7 id

Name	Value
Description	AutomaticNeighborRelation identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 19-8 uEContributionInWakeUpPhase

Name	Value
Default	10
Description	This parameter specifies the number of established UEs that will be configured with ANR + ReportCGI measurements during the wake-up phase.
Displayed name	uEContributionInWakeUpPhase (General)
Impact	No reset (class C)
Maximum	20
Minimum	0

(1 of 2)

Name	Value
Step	10
Type	Integer

(2 of 2)

20 – AutomaticNeighbourRelation

Table 20-1 AutomaticNeighbourRelation parameters

Parameters	
activePhaseMeasReportHysteresis	drxCycleForReportCGI
activePhaseMeasReportThreshold	id
dormantPhaseTimerForEcgiDiscovery	isLcgRemovalAllowed

Table 20-2 activePhaseMeasReportHysteresis

Name	Value
Default	200
Description	This parameter defines the minimum number of consecutive measurement reports received by the eNB without discovering a new neighbour relation required to exit the active phase of ANR. The other condition is given by parameter activePhaseMeasReportThreshold.
Displayed name	activePhaseMeasReportHysteresis (General)
Impact	No reset (class C)
Maximum	500
Minimum	5
Step	5
Type	Integer

Table 20-3 activePhaseMeasReportThreshold

Name	Value
Default	1000
Description	This parameter defines the minimum number of measurement reports received by the eNB required to exit the active phase of ANR. The other condition is given by parameter activePhaseMeasReportHysteresis.
Displayed name	activePhaseMeasReportThreshold (General)
Impact	No reset (class C)
Maximum	2000
Minimum	10
Step	10
Type	Integer

Table 20-4 dormantPhaseTimerForEcgiDiscovery

Name	Value
Default	5
Description	This parameter defines the time the eNB may dedicate to actively attempt identifying the ECGI associated to a newly discovered PCI during the dormant phase of ANR.
Displayed name	dormantPhaseTimerForEcgiDiscovery (General)
Impact	No reset (class C)
Maximum	60
Minimum	5
Step	5
Type	Integer
Units	min

Table 20-5 drxCycleForReportCGI

Name	Value
Default	sf160
Description	This parameter defines the DRX long cycle length that will be used when a UE is requested to report the ECGI of a neighbour cell, as part of the Automatic Neighbour Relation function
Displayed name	drxCycleForReportCGI (General)
Impact	No reset (class C)
Type	DrxCycleForReportCGIEnum

Table 20-6 id

Name	Value
Description	AutomaticNeighbourRelation identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 20-7 isLcgRemovalAllowed

Name	Value
Default	True
Description	This parameter defines whether the eNB may deconfigure the Logical Channel Group of data bearers when using DRX to request a UE to report the ECGI of a neighbour cell. What this does in effect is to prevent the UE from sending any UL Data, and increases the chances for the UE to be able to report the ECGI of a neighbour
Displayed name	isLcgRemovalAllowed (General)
Impact	No reset (class C)
Type	Boolean

21 – AutomaticPhysicalCellIdentity

Table 21-1 AutomaticPhysicalCellIdentity parameters

Parameters	
enableMaintenancePeriod id	maintenancePeriodStartTime pciAllowedList

Table 21-2 enableMaintenancePeriod

Name	Value
Default	True
Description	This parameter allows the operator to disable the maintenance period for PCI conflict correction if needed. By default, the maintenance period is enabled.
Displayed name	enableMaintenancePeriod (General)
Impact	No reset (class C)
Type	Boolean

Table 21-3 id

Name	Value
Description	AutomaticPhysicalCellIdentity identifier
Displayed name	id (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

Table 21-4 maintenancePeriodStartTime

Name	Value
Default	2
Description	This parameter defines the time from which the eNB may select randomly a timer conditioning the PCI conflict correction. It is set in local time.
Displayed name	maintenancePeriodStartTime (General)
Impact	No reset (class C)
Maximum	24
Minimum	1
Type	Integer
Units	h

Table 21-5 pciAllowedList

Name	Value
Description	This parameter defines the list of PCI to be used on the cells for a given eNodeB. If the list is empty, the entire range must be considered. PCI value is obtained by using the following formula: $PCIvalue = physicalLayerCellIdentityIndex + 3 * physicalLayerCellIdentityGroupIndex$
Type	List name PciAllowedListType maps to singular value: INT
Unset supported	Yes

22 – BeamForming

Table 22-1 BeamForming parameters

Parameters	
broadcastBFWeightXTable	id
broadcastBFWeightYTable	rRHCalibrationPeriod
cellSpecificChannelAndRSTransmissionScheme	rRHCalibrationStartSFN

Table 22-2 broadcastBFWeightXTable

Name	Value
Description	t's the real part of 4*1 complex vector;To map the cell-specific antenna port (i.e ports 0 and 1) to the 4-antenna elements in a sub-array of 4+4 cross-polarization antenna array, for cell coverage.
Impact	Partial reset (class B)
Type	BroadcastBFWeightXTableType

Table 22-3 broadcastBFWeightYTable

Name	Value
Description	It's the imaginary part of 4*1 complex vector;To map the cell-specific antenna port (i.e ports 0 and 1) to the 4-antenna elements in a sub-array of 4+4 cross-polarization antenna array, for cell coverage.
Impact	Partial reset (class B)
Type	BroadcastBFWeightYTableType

Table 22-4 cellSpecificChannelAndRSTransmissionScheme

Name	Value
Default	Two_Port_Full_BW
Description	This parameter specifies the applied DL cell specific channel and cell specific Reference Signal transmission schemes.
Displayed name	cellSpecificChannelAndRSTransmissionScheme (General)
Impact	Partial reset (class B)
Type	CellSpecificChannelAndRSTransmissionSchemeEnum

Table 22-5 id

Name	Value
Description	BeamForming identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 22-6 rRHCalibrationPeriod

Name	Value
Default	360448
Description	Time period between two consecutive RRH calibrations in number of frames. This value must be a multiple of 4096 (step size).
Displayed name	rRHCalibrationPeriod (General)
Impact	No reset (class C)
Maximum	4096000000
Minimum	0
Step	4096
Type	Long integer

Table 22-7 rRHCALibrationStartSFN

Name	Value
Description	the RRH of this cell can begin to calibrate at this start SFN, and finish the calibration at the following consecutive N frames.
Displayed name	rRHCALibrationStartSFN (General)
Impact	No reset (class C)
Maximum	4095
Minimum	0
Type	Integer

23 – BlackCellConf

Table 23-1 BlackCellConf parameters

Parameters	
id range	rangeForHeNBorHybridCells start

Table 23-2 id

Name	Value
Description	BlackCellConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	15
Minimum	0
Type	Integer

Table 23-3 range

Name	Value
Description	This parameter indicates the number of physical cell identities in the range (including start). Value n4 corresponds with 4, n8 corresponds with 8 and so on. The UE applies value 1 in case the field is absent, in which case only the physical cell identity value indicated by start is applied. See 3GPP 36.331.
Displayed name	range (General)
Impact	No reset (class C)
Type	RangeEnum
Unset supported	Yes

Table 23-4 rangeForHeNBorHybridCells

Name	Value
Default	False
Description	This parameter indicates if the range is used by home eNodeBs or hybrid cells. If such is the case, the range will not be included in SIB4 or SIB5 but will be included for measurement configuration.
Displayed name	rangeForHeNBorHybridCells (General)
Impact	No reset (class C)
Type	Boolean

Table 23-5 start

Name	Value
Description	This parameter indicates the lowest physical cell identity in the range. See 3GPP 36.331.
Displayed name	start (General)
Impact	No reset (class C)
Maximum	503
Minimum	0
Type	Integer

24 – BscAccess

Table 24-1 BscAccess parameters

Parameters	
id naccTimersConfld plmnMobileCountryCode	plmnMobileNetworkCode rdnId rimForNaccEnabled

Table 24-2 id

Name	Value
Description	User friendly name of the GERAN BSC Note min is changed to 1 to force the Operator to give well-defined value
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 24-3 naccTimersConfId

Name	Value
Description	This parameter is an association (also called indirection or pointer). This parameter refers to the instance of the NaccTimersConf MO that must be considered to retrieve all the timers required over S1-C interface for feature NACC Introduced by feature 96731. This is a pointer to an instance of NaccTimersConf which specifies the TRIR timers as defined in 3GPP TS 48.018.
Export	No
Impact	No reset (class C)
Type	String

Table 24-4 plmnMobileCountryCode

Name	Value
Default	select
Description	A Public Land Mobile Network is uniquely identified by its PLMN identifier. PLMN-Id consists of Mobile Country Code (MCC) and Mobile Network Code (MNC). PLMN-Id = MCC MNC Refer to TS 23.003 MCC(36.331): SEQUENCE (SIZE (3)) OF INTEGER (0..9), The first element contains the first MCC digit, the second element the second MCC digit and so on
Displayed name	plmnMobileCountryCode (General)
Impact	No reset (class C)
Maximum	3
Minimum	3
Type	MobileCountryCode

Table 24-5 plmnMobileNetworkCode

Name	Value
Default	00
Description	A Public Land Mobile Network is uniquely identified by its PLMN identifier. PLMN-Id consists of Mobile Country Code (MCC) and Mobile Network Code (MNC). PLMN-Id = MCC MNC Refer to TS 23.003 MNC(36.331): SEQUENCE (SIZE (2..3)) OF INTEGER (0..9), The first element contains the first MNC digit, the second element the second MNC digit and so on
Displayed name	plmnMobileNetworkCode (General)
Impact	No reset (class C)
Maximum	3
Minimum	2
Type	String

Table 24-6 rdnlId

Name	Value
Description	RDN of the MIB object instance
Displayed name	rdnlId (General)
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

Table 24-7 rimForNaccEnabled

Name	Value
Description	Flag to indicate whether the RIM for NACC feature is supported by the BSC or not.
Displayed name	rimForNaccEnabled (General)
Impact	No reset (class C)
Type	Boolean

25 – CallTraceDirectory

Table 25-1 id

Name	Value
Default	0
Description	Unique ID for this object type.
Mandatory on creation	Yes
Maximum	2147483647
Minimum	1
Type	Long integer

26 – CallTraceSessionManager

Table 26-1 CallTraceSessionManager parameters

Parameters	
callTraceUdpPort diskUsageAlarmSeverity diskUsageThreshold	fileRetentionTime rolloverTime

Table 26-2 callTraceUdpPort

Name	Value
Default	57074
Displayed name	Call Trace UDP Port (General)
Maximum	65535
Minimum	49152
Type	Integer

Table 26-3 diskUsageAlarmSeverity

Name	Value
Default	minor
Description	Indicates the current severity of the alarm when the rule is applied.

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Name	Value
Displayed name	Disk Usage Alarm Severity (General)
Type	Severity

(2 of 2)

Table 26-4 diskUsageThreshold

Name	Value
Default	80
Displayed name	Disk Usage Alarm Threshold (General)
Maximum	95
Minimum	1
Type	Integer
Units	%

Table 26-5 fileRetentionTime

Name	Value
Default	168
Displayed name	File Retention Time (General)
Maximum	336
Minimum	1
Type	Integer
Units	hrs

Table 26-6 rolloverTime

Name	Value
Default	15
Displayed name	File Rollover Time (General)
Maximum	60
Minimum	1
Type	Integer
Units	min

27 – Capacity

Table 27-1 Capacity parameters

Parameters	
id isDlBandwidth10MhzAllowed isDlBandwidth15MhzAllowed isDlBandwidth1MhzAllowed isDlBandwidth20MhzAllowed isDlBandwidth3MhzAllowed isDlBandwidth5MhzAllowed isUlBandwidth10MhzAllowed	isUlBandwidth15MhzAllowed isUlBandwidth1MhzAllowed isUlBandwidth20MhzAllowed isUlBandwidth3MhzAllowed isUlBandwidth5MhzAllowed maxNbOfCallCapacityLicensing transmissionPowerCapacityLicensing

Table 27-2 id

Name	Value
Description	Capacity MO identifier for licensing feature.
Mandatory on creation	Yes
Maximum	1
Minimum	1
Type	Integer

Table 27-3 isDIBandwidth10MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 27-4 isDIBandwidth15MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 27-5 isDIBandwidth1MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 27-6 isDIBandwidth20MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 27-7 isDIBandwidth3MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 27-8 isDlBandwidth5MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 27-9 isUlBandwidth10MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 27-10 isUlBandwidth15MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 27-11 isUlBandwidth1MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 27-12 isUlBandwidth20MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 27-13 isUIBandwidth3MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 27-14 isUIBandwidth5MhzAllowed

Name	Value
Default	True
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 27-15 maxNbOfCallCapacityLicensing

Name	Value
Default	infinite
Description	Feature token to identify the maximum number of calls capacity that is allowed.
Type	String

Table 27-16 transmissionPowerCapacityLicensing

Name	Value
Default	infinite
Description	Feature token to identify the transmission power capacity that is allowed.
Type	String

28 — Cdma2000NeighborCellInfo

Table 28-1 Cdma2000NeighborCellInfo parameters

Parameters	
bandClass	id

Table 28-2 bandClass

Name	Value
Default	800MHz_cellular
Description	3GPP 36.331. This parameter is the band class of the underlay HRPD cell whose value is restricted to the specified values of HrpdBandClassInfo.bandClass instance(s)
Displayed name	bandClass (General)
Impact	Partial reset (class B)
Type	HrpdBandEnum

Table 28-3 id

Name	Value
Description	Cdma2000NeighborCellInfo identifier
Displayed name	id (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	1
Minimum	0
Type	Integer

(2 of 2)

29 — Cdma2000NeighborCellsPerBandclass

Table 29-1 Cdma2000NeighborCellsPerBandclass parameters

Parameters	
frequency id	pnOffsetList

Table 29-2 frequency

Name	Value
Description	3GPP 36.331. This parameter is the carrier frequency within a CDMA2000 bandclass.
Displayed name	frequency (General)
Impact	Partial reset (class B)
Maximum	2047
Minimum	0
Type	Integer

Table 29-3 id

Name	Value
Description	Cdma2000NeighborCellsPerBandclass identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	2
Minimum	0
Type	Integer

(2 of 2)

Table 29-4 pnOffsetList

Name	Value
Description	3GPP 36.331. This parameter is a list of "physical HRPD cell identities" for the given frequency. The HRPD cell ID is via PN offset â the timing of the HRPD cells short codes relative to system time. The unit is PN offset, which is (CDMA pilot) Pseudo Noise sequence offset in units of 64 PN chips.
Impact	Partial reset (class B)
Type	List name PnOffsetListType maps to singular value: INT
Units	PN offset

30 — Cdma2000NeighborCellInfo

Table 30-1 Cdma2000NeighborCellInfo parameters

Parameters	
bandClass	id

Table 30-2 bandClass

Name	Value
Default	800MHz_cellular
Description	3GPP 36.331. This parameter is the band class of the underlay CDMA2000 cell whose value is restricted to the specified values of HrpdBandClassInfo.bandClass instance(s)
Displayed name	bandClass (General)
Impact	Full reset (class A)
Type	HrpdBandEnum

Table 30-3 id

Name	Value
Description	Cdma2000NeighborCellInfo identifier
Displayed name	id (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	1
Minimum	0
Type	Integer

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31 — Cdma2000NeighborCellsPerBandclass

Table 31-1 Cdma2000NeighborCellsPerBandclass parameters

Parameters	
frequency id	pnOffsetList

Table 31-2 frequency

Name	Value
Description	3GPP 36.331. This parameter (corresponds to arfcn in 36.331) is the carrier frequency within a CDMA2000 bandclass.
Displayed name	frequency (General)
Impact	No reset (class C)
Maximum	2047
Minimum	0
Type	Integer

Table 31-3 id

Name	Value
Description	Cdma2000NeighborCellsPerBandclass identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	2
Minimum	0
Type	Integer

(2 of 2)

Table 31-4 pnOffsetList

Name	Value
Description	3GPP 36.331. This parameter (corresponds to physCellIdList in 36.331) is a list of PN Offsets representing the Physical cell identities in CDMA2000. PN Offset is the timing of the CDMA2000 cell short codes relative to system time; the unit is PN offset, which is (CDMA pilot) Pseudo Noise sequence offset in units of 64 PN chips.
Impact	No reset (class C)
Type	List name PnOffsetListType maps to singular value: INT
Units	PN offset

32 — CdmaPhaseSync

Table 32-1 id

Name	Value
Description	CdmaPhaseSync identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

33 – Cell

Table 33-1 Cell parameters

Parameters	
additionalSpectrumEmission	mbsfnCellConfId
azimuth	modificationPeriodCoeff
cellBarred	nB
cellDLTotalPower	numberOfDLAntennas
cellRadius	numberOfDLAntennas_V2_1
cellReservedForOperatorUse	numberOfULAntennas
cellSize	omnidirectional
defaultPagingCycle	operationalMode
diversityImbalanceThreshold	pci
dlBandwidth	physicalLayerCellIdentityGroupIndex
dlEARFCN	physicalLayerCellIdentityIndex
emergencyAreaIdList	plmnMobileCountryCode
frequencyBandIndicator	plmnMobileNetworkCode
gpsFrameOffset	presenceAntennaPort1
id	rdnId
isMBMSBearerServiceCountingAllowed	relativeCellIdentity
l1MeasurementConfId	relativeCellIdentityUntil_V2_x
l2MeasurementConfId	resourceBlockPersistentAreaEnd
loadTargetForOCNS	resourceBlockPersistentAreaStart
loadTargetForOCNSonPDCCH	rrcMeasurementConfId
loadTargetForOCNSonPDSCCH	rsiMeasurementActive
lteCellPositionLatitude	searchWindowSizeSIB8
lteCellPositionLongitude	sectorNumber
lteNeighboringFreqsConfId	sib2Periodicity

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Parameters	
sib3Periodicity	spare8
sib4Periodicity	spare9
sib5Periodicity	srsEnabled
sib6Periodicity	syncShiftBetweenCell
sib7Periodicity	trackingAreaCode
sib8Periodicity	transmissionMode
sleepingCellInactivityTimer	txPowerMeasurementActive
spare0	ul700MHzUpperCBlockEnabled
spare1	ulBandwidth
spare2	ulEARFCN
spare3	ulMIMOenabled
spare4	utraFddNeighboringCellRelationIdList
spare5	utraTddNeighboringCellRelationIdList
spare6	vswrMeasurementActive
spare7	

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Table 33-2 additionalSpectrumEmission

Name	Value
Description	Defines additional spectrum emission requirements according to Section 6.6.2.2, TS 36.101.
Displayed name	additionalSpectrumEmission (Call Processing)
Maximum	32
Minimum	0
Type	Integer

Table 33-3 azimuth

Name	Value
Decimals	3
Description	The azimuth provides the orientation of the cell.
Displayed name	azimuth (Call Processing)
Maximum	360
Minimum	0
Step	0.001
Type	Floating point
Units	deg

Table 33-4 cellBarred

Name	Value
Default	NotBarred
Description	Indicates whether the cell is barred. Consult TS 36.304 for more details Defined in TS 36.331 Broadcast in SystemInformationBlockType1
Displayed name	cellBarred (Call Processing)
Impact	No reset (class C)
Type	CellBarredEnum

Table 33-5 cellDLTotalPower

Name	Value
Description	Provides the total power configured for each DL antenna of the cell.
Displayed name	cellDLTotalPower (Call Processing)
Impact	Partial reset (class B)
Maximum	50
Minimum	0
Step	0.1
Type	Floating point
Units	dBm

Table 33-6 cellRadius

Name	Value
Description	Up to 14.6km in LA0.1 ([4], requirement# SRD-6896-690) Used in: - Cell Topology Info
Displayed name	cellRadius (Call Processing)
Impact	Partial reset (class B)
Maximum	30
Minimum	0
Step	0.5
Type	Floating point
Units	km

Table 33-7 cellReservedForOperatorUse

Name	Value
Default	NotReserved
Description	Indicates whether the cell is reserved for operator use. Consult TS 36.304 for more details Defined in TS 36.331 Broadcast in SystemInformationBlockType1
Displayed name	cellReservedForOperatorUse (Call Processing)
Impact	No reset (class C)
Type	CellReservationEnum

Table 33-8 cellSize

Name	Value
Description	Provides the cell coverage area as defined in [36413-861] 9.2.1.66 CELL TYPE
Displayed name	cellSize (Call Processing)
Impact	No reset (class C)
Type	CellSizeEnum

Table 33-9 defaultPagingCycle

Name	Value
Default	rf32
Description	This parameter defines the default DRX paging cycle in use within the cell, which corresponds to the period over which paging occasions are spread. For more details consult TS 36.304 Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	defaultPagingCycle (General)
Impact	Partial reset (class B)
Type	DefaultPagingCycleEnum

Table 33-10 diversityImbalanceThreshold

Name	Value
Default	5
Description	This parameter specifies the Diversity Imbalance Threshold.
Displayed name	diversityImbalanceThreshold (General)
Impact	No reset (class C)
Maximum	20
Minimum	0

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Name	Value
Step	0.1
Type	Floating point

(2 of 2)

Table 33-11 dlBandwidth

Name	Value
Description	The transmission bandwidth configuration (NRB). n6 corresponds to 6 resource blocks, n15 to 15 resource blocks and so on
Displayed name	dlBandwidth (General)
Impact	Partial reset (class B)
Type	SystemBandwidthEnum

Table 33-12 dLEARFCN

Name	Value
Description	E-UTRA Absolute Radio Frequency Channel Number for downlink in the cell (DL centre carrier frequency), defined in TS 36.104 5.4.3. Should be consistent with frequencyBand, otherwise the cell will not be activated
Displayed name	dLEARFCN (General)
Impact	Partial reset (class B)
Maximum	29649
Minimum	0
Type	Integer

Table 33-13 emergencyArealdList

Name	Value
Description	This parameter defines the Emergency Area Identity List associated to the cell for Public Warning Systems purposes.
Impact	No reset (class C)
Type	List name EmergencyArealdListType maps to singular value: INT

Table 33-14 frequencyBandIndicator

Name	Value
Description	Frequency band that this cell is operating in, as defined in TS 36.101; used in SIB1
Displayed name	frequencyBandIndicator (General)
Impact	Partial reset (class B)
Type	FrequencyBandEnum

Table 33-15 gpsFrameOffset

Name	Value
Default	0
Description	GPS offset parameter specifies the offset between the GPS 1-pps pulse and the start of the air interface radio frame. It is given in units of Tc(260.4167ns) with a range of [0â.38399] The number indicates how many Tc units after the GPS pulse the next air interface frame will start.
Displayed name	gpsFrameOffset (Call Processing)
Impact	Partial reset (class B)
Maximum	38399
Minimum	0
Type	Integer
Units	Tc

Table 33-16 id

Name	Value
Description	A user friendly name of the cell that corresponds to the absolute IDentifier for the LTEcell object in XML MIM with inter-eNodeB consistency rules. This attribute allows IDentifying a cell within a BS.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 33-17 isMBMSBearerServiceCountingAllowed

Name	Value
Default	False
Description	This parameter flag will be used to indicate one cell on which the eMBMS counters will be reported. There is only one cell on which the eMBMS counters will be reported at most. So for this cell the flag will be set to TRUE, while for the other cells the flag will be set to FALSE.
Displayed name	isMBMSBearerServiceCountingAllowed (General)
Impact	No reset (class C)
Type	Boolean

Table 33-18 l1MeasurementConflid

Name	Value
Description	This parameter refers to the instance of l1MeasurementConf MO that must be considered when the UE is handled on this cell
Impact	Partial reset (class B)
Type	String

Table 33-19 l2MeasurementConflid

Name	Value
Description	This parameter refers to the instance of l2MeasurementConf MO that must be considered when the UE is handled on this cell
Impact	Partial reset (class B)
Type	String

Table 33-20 loadTargetForOCNS

Name	Value
Default	0
Description	Provides the target load for OCNS in terms of number of RB. This target is the resulting load in % of the total RB of the cell, including the RB allocated for regular traffic. If the number or RB allocated by regular traffic exceed this load, OCNS will not add any load.
Displayed name	loadTargetForOCNS (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	0

(1 of 2)

Name	Value
Type	Integer
Units	%

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Table 33-21 loadTargetForOCNSonPDCCH

Name	Value
Default	0
Description	Provides the target load for OCNS on PDCCH in terms of power. This target is the resulting load in % of the total Power of the cell on PDCCH, including the power used by CCE and allocated for regular traffic. If the power used by CCE for regular traffic exceed this load, OCNS PDCCH will not add any load.
Displayed name	loadTargetForOCNSonPDCCH (Call Processing)
Impact	No reset (class C)
Maximum	100
Minimum	0
Step	0.1
Type	Floating point
Units	%

Table 33-22 loadTargetForOCNSonPDSCH

Name	Value
Default	0
Description	Provides the target load for OCNS on PDSCH in terms of number of RB. This target is the resulting load in % of the total RB of the cell, including the RB allocated for regular traffic. If the number or RB allocated by regular traffic exceed this load, OCNS will not add any load.
Displayed name	loadTargetForOCNSonPDSCH (Call Processing)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 33-23 lteCellPositionLatitude

Name	Value
Decimals	5
Description	Latitude position of the lteCell in the WGS84 reference frame measured from the antenna. Encoding: < 0: south of the equator; = 0: at the equator; > 0: north of the equator.
Displayed name	lteCellPositionLatitude (Call Processing)
Maximum	90
Minimum	-90
Step	0.00001
Type	Floating point
Units	deg

Table 33-24 lteCellPositionLongitude

Name	Value
Decimals	5
Description	Longitude position of the lteCell in the WGS84 reference frame measured from the antenna. Encoding: < 0: west prime meridian; = 0: at prime meridian; > 0: east of prime meridian.
Displayed name	lteCellPositionLongitude (Call Processing)
Maximum	180
Minimum	-180
Step	0.00001
Type	Floating point
Units	deg

Table 33-25 lteNeighboringFreqsConfId

Name	Value
Description	This parameter refers to the instance of the eUTRA carrier frequency used for Intrafrequency. This pointer must point to the same frequency as that of the cell.
Export	No
Mandatory on creation	Yes
Type	String

Table 33-26 mbsfnCellConfId

Name	Value
Description	This parameter allows a cell to point on a eMBMS static scheduling profile.
Impact	Partial reset (class B)
Type	String
Unset supported	Yes

Table 33-27 modificationPeriodCoeff

Name	Value
Default	n2
Description	Defines the duration of the period during which System Information cannot be modified, in number of default paging cycles Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	modificationPeriodCoeff (Call Processing)
Impact	No reset (class C)
Type	ModificationPeriodCoeffEnum

Table 33-28 nB

Name	Value
Default	oneT
Description	Parameter nB is a multiple or divisor of the paging cycle: it defines the ratio of paging occasions to the number of radio frames. For more details consult TS 36.304 Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	nB (Call Processing)
Impact	No reset (class C)
Type	NBEnum

Table 33-29 numberOfDLAntennas

Name	Value
Default	2
Description	Indicates 1 or 2 antenna mode for transmitter.
Displayed name	numberOfDLAntennas (Call Processing)
Impact	Partial reset (class B)
Maximum	2

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Name	Value
Minimum	1
Type	Integer

(2 of 2)

Table 33-30 numberOfDLAntennas_V2_1

Name	Value
Description	Indicates 1 or 2 antenna mode for transmitter.
Displayed name	numberOfDLAntennas (Call Processing)
Impact	Partial reset (class B)
Type	NumberOfDLAntennasEnum

Table 33-31 numberOfULAntennas

Name	Value
Default	ulAntenna2
Description	Defines the number of UL antenna configured for the cell. Supported values are {1,2}
Displayed name	numberOfULAntennas (Call Processing)
Impact	Partial reset (class B)
Type	NumberOfULAntennasEnum

Table 33-32 omnidirectional

Name	Value
Default	False
Description	If the cell is omnidirectional
Displayed name	omnidirectional (Call Processing)
Impact	No reset (class C)
Type	Boolean

Table 33-33 operationalMode

Name	Value
Default	peakCoverage
Description	Defines UL/DL transmission modes per cell. Supported modes are { nominal(0), peakCoverage(1), ulPeakThroughput(2), dlPeakThroughput(3), dlOCNS1dot4only(4) }. This parameters needs to be configurable per-cell basis. ul700MHzUpperC configuration may coexist with other UL configurations in the network.
Displayed name	operationalMode (Call Processing)
Impact	Partial reset (class B)
Type	OperationalModeEnum

Table 33-34 pci

Name	Value
Description	This parameter provides the physical cell identity as specified by TS 36.211, Chapter 6.11 Synchronization signals.
Displayed name	pci (General)
Impact	Partial reset (class B)
Maximum	503
Minimum	0
Type	Integer
Unset supported	Yes

Table 33-35 physicalLayerCellIdentityGroupIndex

Name	Value
Description	The physical layer cell IDentity group as specified by TS 36.211, Chapter 6.11 Synchronization signals.
Displayed name	physicalLayerCellIdentityGroupIndex (Call Processing)
Impact	Partial reset (class B)
Maximum	167
Minimum	0
Type	Integer
Unset supported	Yes

Table 33-36 physicalLayerCellIdentityIndex

Name	Value
Description	The cell IDentity within the physical layer cell IDentity group as specified by TS 36.211, Chapter 6.11 Synchronization signals The two combined form the Physical Cell ID
Displayed name	physicalLayerCellIdentityIndex (Call Processing)
Impact	Partial reset (class B)
Maximum	2
Minimum	0
Type	Integer
Unset supported	Yes

Table 33-37 plmnMobileCountryCode

Name	Value
Default	select
Description	Mobile Country Code (MCC) IDentifies uniquely the country in which the cell (and its PLMN) is located. The allocation of MCCs is administered by the ITU-T. See TS 23.003. The MCC is part of the PLMN IDentity which is transmitted in the downlink in SystemInformationBlockType1. See TS 36.331.
Displayed name	plmnMobileCountryCode (Call Processing)
Impact	Full reset (class A)
Maximum	3
Minimum	3
Type	MobileCountryCode

Table 33-38 plmnMobileNetworkCode

Name	Value
Default	00
Description	Mobile Network Code (MNC) IDentifies uniquely, within the country IDentified by the Mobile Country Code of the cell, the PLMN within which the cell is operating. The allocation of MNCs is administered by the applicable national numbering authority - which also determines the length of the MNC (two or three digits). See TS 23.003. The MNC is part of the PLMN IDentity which is transmitted in the downlink in SystemInformationBlockType1. See TS 36.331.
Displayed name	plmnMobileNetworkCode (Call Processing)
Impact	Full reset (class A)
Maximum	3

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Name	Value
Minimum	2
Type	String

(2 of 2)

Table 33-39 presenceAntennaPort1

Name	Value
Default	True
Description	3GPP 36.331. This parameter is used to set the IE PresenceAntennaPort1 in SIB3 used to indicate whether all the neighbouring cells use Antenna Port 1. When set to TRUE, the UE may assume that at least two cell-specific antenna ports are used in all neighbouring cells.
Displayed name	presenceAntennaPort1 (Call Processing)
Impact	No reset (class C)
Type	Boolean

Table 33-40 rdnlId

Name	Value
Description	This attribute allows IDentifying a cell within a BS.
Displayed name	rdnlId (General)
Mandatory on creation	Yes
Maximum	2147483647
Minimum	0
Type	Long integer

Table 33-41 relativeCellIdentity

Name	Value
Description	The relativeCellIdentity associated with the macroEnbID allows to uniquely IDentify a cell within E-UTRAN. This parameter corresponds to the 8 rightmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGI.
Displayed name	relativeCellIdentity (Call Processing)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 33-42 relativeCellIdentityUntil_V2_x

Name	Value
Description	The relativeCellIdentity associated with the macroEnbID allows to uniquely IDentify a cell within E-UTRAN. This parameter corresponds to the 8 rightmost bits of E-UTRAN Cell IDentifier in TS 36.423 9.2.14 ECGI.
Displayed name	relativeCellIdentity (Call Processing)
Impact	Partial reset (class B)
Maximum	8
Minimum	8
Type	String

Table 33-43 resourceBlockPersistentAreaEnd

Name	Value
Description	Last Resource Block of the area where the eNodeB should allocate semi-persistent and dynamic DTCH
Displayed name	resourceBlockPersistentAreaEnd (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	1
Type	Integer

Table 33-44 resourceBlockPersistentAreaStart

Name	Value
Description	First Resource Block of area where the eNodeB should allocate semi-persistent and dynamic DTCH
Displayed name	resourceBlockPersistentAreaStart (General)
Impact	Partial reset (class B)
Maximum	98
Minimum	0
Type	Integer

Table 33-45 rrcMeasurementConfId

Name	Value
Description	This parameter refers to the instance of RrcMeasurementConf MO that must be considered when the UE is handled on this cell
Impact	No reset (class C)
Type	String

Table 33-46 rssiMeasurementActive

Name	Value
Default	False
Description	The maximum number of users supported in this cell.
Type	Boolean

Table 33-47 searchWindowSizeSIB8

Name	Value
Default	8
Description	3GPP 36.331. The search window size (common for HRPD & 1xRTT) is a CDMA2000 parameter to be used to assist in searching for the neighbouring pilots. This field is required for a UE with rx-ConfigHRPD= 'single' and/ or rx-Config1XRTT= 'single' to perform handover, cell re-selection and UE measurement based redirection from E-UTRAN to CDMA2000 according to this specification and TS 36.304.
Displayed name	searchWindowSizeSIB8 (General)
Impact	No reset (class C)
Maximum	15
Minimum	0
Type	Integer
Unset supported	Yes

Table 33-48 sectorNumber

Name	Value
Description	contains the number of the sector supporting this LTE Cell.
Displayed name	sectorNumber (General)
Export	No
Impact	Partial reset (class B)
Maximum	6

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Name	Value
Minimum	1
Type	Integer

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Table 33-49 sib2Periodicity

Name	Value
Default	rf8
Description	Periodicity of SystemInformationBlockType2, as defined in TS 36.331 and broadcast in SystemInformationBlockType1
Displayed name	sib2Periodicity (Cell Periodicity)
Impact	No reset (class C)
Type	SibPeriodicityEnum

Table 33-50 sib3Periodicity

Name	Value
Default	rf8
Description	Periodicity of SystemInformationBlockType3, as defined in TS 36.331 and broadcast in SystemInformationBlockType1
Displayed name	sib3Periodicity (Cell Periodicity)
Impact	No reset (class C)
Type	SibPeriodicityEnum

Table 33-51 sib4Periodicity

Name	Value
Default	rf128
Description	Periodicity of SystemInformationBlockType4, as defined in TS 36.331 and broadcast in SystemInformationBlockType1
Displayed name	sib4Periodicity (Cell Periodicity)
Impact	No reset (class C)
Type	SibPeriodicityEnum

Table 33-52 sib5Periodicity

Name	Value
Default	rf8
Description	Periodicity of SystemInformationBlockType5, as defined in TS 36.331 and broadcast in SystemInformationBlockType1
Displayed name	sib5Periodicity (Cell Periodicity)
Impact	No reset (class C)
Type	SibPeriodicityEnum

Table 33-53 sib6Periodicity

Name	Value
Default	rf128
Description	Periodicity of SystemInformationBlockType6, as defined in TS 36.331 and broadcast in SystemInformationBlockType1
Displayed name	sib6Periodicity (Cell Periodicity)
Impact	No reset (class C)
Type	SibPeriodicityEnum

Table 33-54 sib7Periodicity

Name	Value
Default	rf128
Description	Periodicity of SystemInformationBlockType7, as defined in TS 36.331 and broadcast in SystemInformationBlockType1
Displayed name	sib7Periodicity (Cell Periodicity)
Impact	No reset (class C)
Type	SibPeriodicityEnum

Table 33-55 sib8Periodicity

Name	Value
Default	rf128
Description	Periodicity of SystemInformationBlockType8, as defined in TS 36.331 and broadcast in SystemInformationBlockType1
Displayed name	sib8Periodicity (Cell Periodicity)

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Name	Value
Impact	No reset (class C)
Type	SibPeriodicityEnum

(2 of 2)

Table 33-56 sleepingCellInactivityTimer

Name	Value
Description	This parameter defines the length of a timer (in minutes) used to detect if a cell has a fault not detected through other means. If no RRC connections are established, re-established or handed in for the length of the timer then an alarm is raised. If set to 0 then no alarm is raised.
Displayed name	sleepingCellInactivityTimer (General)
Impact	No reset (class C)
Maximum	1440
Minimum	0
Type	Integer
Units	min

Table 33-57 spare0

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare0 (Cell Periodicity)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 33-58 spare1

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare1 (Cell Periodicity)
Impact	Partial reset (class B)
Maximum	4294967295

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Name	Value
Minimum	0
Type	Long integer

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Table 33-59 spare2

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare2 (Cell Periodicity)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 33-60 spare3

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare3 (Cell Periodicity)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 33-61 spare4

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare4 (Cell Periodicity)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 33-62 spare5

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare5 (Cell Periodicity)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 33-63 spare6

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare6 (Cell Periodicity)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 33-64 spare7

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare7 (Cell Periodicity)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 33-65 spare8

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare8 (Cell Periodicity)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 33-66 spare9

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare9 (Cell Periodicity)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 33-67 srsEnabled

Name	Value
Default	True
Description	Parameter to enable/disable SRS per UE.
Displayed name	srsEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 33-68 syncShiftBetweenCell

Name	Value
Default	0
Description	The synchronization between cell

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Name	Value
Displayed name	syncShiftBetweenCell (General)
Impact	No reset (class C)
Maximum	14
Minimum	0
Type	Integer

(2 of 2)

Table 33-69 trackingAreaCode

Name	Value
Description	This parameters IDentifies the Tracking Area Code to which belongs the cell Defined in TS 36.331
Displayed name	trackingAreaCode (General)
Impact	No reset (class C)
Maximum	16
Minimum	16
Type	String

Table 33-70 transmissionMode

Name	Value
Description	Points to one of Transmission modes defined in TS 36.213, 7.1 where tm1 refers to transmission mode 1, tm2 to transmission mode 2 etc.
Displayed name	transmissionMode (Call Processing)
Impact	Partial reset (class B)
Type	TransmissionModeEnum

Table 33-71 txPowerMeasurementActive

Name	Value
Default	False
Description	When set to 'true' by the operator, the eNB starts one round of Tx power measurements for this cell. As soon as the measurement has been performed, the eNB sets txPowerMeasurementActive to 'false' and indicates the measurement results in txPowerMeasuredValue in the radioMeasurementTable.
Type	Boolean

Table 33-72 ul700MHzUpperCBlockEnabled

Name	Value
Default	False
Description	Switch to enable 700 MHz Upper C Block configuration.
Displayed name	ul700MHzUpperCBlockEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 33-73 ulBandwidth

Name	Value
Description	Frequency bandwidth for uplink in number of PRBs. Supported bandwidths are Enum {n25-5MHz (2), n50-10MHz (3), n100-20MHz (5)}. In LA1.0, same configuration shall be used for UL and DL bandwidths in the same eNB.
Displayed name	ulBandwidth (General)
Impact	Partial reset (class B)
Type	SystemBandwidthEnum

Table 33-74 ulEARFCN

Name	Value
Description	E-UTRA Absolute Radio Frequency Channel Number for uplink in the cell. Identifies the uplink centre carrier frequency for the cell according to definition in TS 36.104. The value provisioned for ulEARFCN should be consistent with the value provisioned for frequencyBand, per standard. If the values are not consistent, the cell should not be activated.
Displayed name	ulEARFCN (General)
Impact	Partial reset (class B)
Maximum	29649
Minimum	13000
Type	Integer

Table 33-75 ulMIMOenabled

Name	Value
Default	False
Description	Switch to enable UL MIMO
Displayed name	ulMIMOenabled (General)

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Name	Value
Impact	Partial reset (class B)
Type	Boolean

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Table 33-76 `utraFddNeighboringCellRelationIdList`

Name	Value
Description	This parameter is a list of associations (also called indirections or pointers). This parameter refers to the list of instances of <code>UtraFddNeighboringCellRelation MO</code> that must be considered when the UE is handled on this cell. This parameter is used for blind PS HO. Each <code>utraFddNeighboringCellRelationId</code> points to a twin UTRA-FDD overlay cell that ensures the mobility continuity in the UTRA-FDD system. There are up to 3 UTRA-FDD twin cells: one per UTRA-FDD band.
Impact	No reset (class C)
Type	Dynamic stringlist
Unset supported	Yes

Table 33-77 `utraTddNeighboringCellRelationIdList`

Name	Value
Description	This parameter is a list of associations (also called indirections or pointers). This parameter refers to the list of instances of <code>UtraTddNeighboringCellRelation MO</code> that must be considered when the UE is handled on this cell. This parameter is used for blind PS HO. Each <code>utraTddNeighboringCellRelationId</code> points to a twin UTRA-TDD overlay cell that ensures the mobility continuity in the UTRA-TDD system. There are up to 3 UTRA-TDD twin cells: one per UTRA-TDD band.
Impact	No reset (class C)
Type	Dynamic stringlist
Unset supported	Yes

Table 33-78 `vswrMeasurementActive`

Name	Value
Default	False
Description	When set to 'true' by the operator, the eNB starts one round of VSWR and return loss measurements for this cell. As soon as the measurement has been performed, the eNB sets <code>vswrMeasurementActive</code> to 'false' and indicates the measurement results in <code>vswrMeasuredValue</code> and <code>returnLossMeasuredValue</code> in the <code>radioMeasurementTable</code> .
Type	Boolean

34 – CellActivationService

Table 34-1 CellActivationService parameters

Parameters	
id is4RxDiversityAllowed isBeamformingAllowed isDasDelayEnabled isFiberDelayAllowed	isInterTransmissionModeSwitchingEnabled isIRCReceiverAllowed isSyncSignalsDiversityAllowed pRACHPreambleFormat2Enabled

Table 34-2 id

Name	Value
Description	CellActivationService identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 34-3 is4RxDiversityAllowed

Name	Value
Default	False
Description	This flag enables or disables the support of 4x receive diversity in a cell.
Displayed name	is4RxDiversityAllowed (General)
Type	Boolean

Table 34-4 isBeamformingAllowed

Name	Value
Default	False
Description	This parameter enables or disables the support of TM7 BeamForming in a cell.
Displayed name	isBeamformingAllowed (General)
Type	Boolean

Table 34-5 isDasDelayEnabled

Name	Value
Default	False
Description	This parameter enables the provisioning of "antennaPathDelayUL" and "antennaPathDelayDL" values that are larger than 2100 ns, in support of DAS systems. The parameter values are as follows: True: Path Delay values larger than 2100 ns may be provisioned. False: maximum permitted Path Delay value is 2100 ns.
Displayed name	isDasDelayEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 34-6 isFiberDelayAllowed

Name	Value
Default	False
Description	This parameter enables or disables support for large delay between modem and RF head or to the antenna.
Displayed name	isFiberDelayAllowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 34-7 isInterTransmissionModeSwitchingEnabled

Name	Value
Default	disabled
Description	This parameter indicates if the transmission mode switching is enabled or disabled.
Displayed name	isInterTransmissionModeSwitchingEnabled (General)
Impact	No reset (class C)
Type	IsInterTransmissionModeSwitchingEnabledEnum

Table 34-8 isIRCReceiverAllowed

Name	Value
Default	False
Description	This parameter enables use of IRC receiver in a cell.
Displayed name	isIRCReceiverAllowed (General)
Type	Boolean

Table 34-9 isSyncSignalsDiversityAllowed

Name	Value
Default	False
Description	For a configuration with two antennas and when the diversity is allowed, the Primary and Secondary Synchronization Signals are transmitting over both antennas. If not, the PSS and SSS are transmitting over only one antenna.
Displayed name	isSyncSignalsDiversityAllowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 34-10 pRACHPreambleFormat2Enabled

Name	Value
Default	False
Description	This parameter enables use of PRACH preamble format 2 for support of larger cell radius. True: use preamble format 2. False: use preamble format 0.
Displayed name	pRACHPreambleFormat2Enabled (General)
Impact	Partial reset (class B)
Type	Boolean

35 – CellicicConf

Table 35-1 CellicicConf parameters

Parameters	
id	sFFRfrequencyShapingOffset
numberOfPRBsForDynamicallyScheduledPUSCHForCentralRegion	sFFRtransmitPSDOffset
numberOfPRBsForDynamicallyScheduledPUSCHForRACHRegion	ulICIHysteresisTime
numberOfPRBsPreferredZone700MHzUpperC	ulICICMode
pRBStartIndexForDynamicPUSCHForCentralRegion	ulICICPLhysteresisAdd
pRBStartIndexForDynamicPUSCHForRACHRegion	ulICICPLhysteresisDrop
pRBStartingIndexPreferredZone700MHzUpperC	ulICICPLthreshold

Table 35-2 id

Name	Value
Description	CellicicConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 35-3 numberOfPRBsForDynamicallyScheduledPUSCHForCentralRegion

Name	Value
Default	16
Description	Defines the size of the PRB block allowed to be used in the cell by the UL dynamic scheduler, in the RACH region.
Displayed name	numberOfPRBsForDynamicallyScheduledPUSCHForCentralRegion (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 35-4 numberOfPRBsForDynamicallyScheduledPUSCHForRACHRegion

Name	Value
Default	6
Description	Defines the size of the PRB block allowed to be used in the cell by the UL dynamic scheduler, in the RACH region.
Displayed name	numberOfPRBsForDynamicallyScheduledPUSCHForRACHRegion (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 35-5 numberOfPRBsPreferredZone700MHzUpperC

Name	Value
Default	0
Description	Number of UL PRBs defining the preferred frequency zone for scheduling cell edge users. Used when SFFR is enabled with 700 MHz Uperr C Block feature.
Displayed name	numberOfPRBsPreferredZone700MHzUpperC (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 35-6 pRBStartIndexForDynamicPUSCHForCentralRegion

Name	Value
Default	20
Description	Index of the UL PRB defining the start of the range of PRB allowed to be used in the cell by the UL dynamic scheduler, in the RACH region.
Displayed name	pRBStartIndexForDynamicPUSCHForCentralRegion (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 35-7 pRBStartIndexForDynamicPUSCHForRACHRegion

Name	Value
Default	2
Description	Index of the UL PRB defining the start of the range of PRB allowed to be used in the cell by the UL dynamic scheduler, in the RACH region.
Displayed name	pRBStartIndexForDynamicPUSCHForRACHRegion (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 35-8 pRBStartingIndexPreferredZone700MHzUpperC

Name	Value
Default	22
Description	Index of the UL PRB defining the start of the range of PRB for preferred frequency zone for scheduling cell edge users. Used when SFFR is enabled with 700 MHz Upper C Block feature.
Displayed name	pRBStartingIndexPreferredZone700MHzUpperC (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 35-9 sFFRfrequencyShapingOffset

Name	Value
Default	0
Description	Penalty applied to the SINR estimates of the PRB outside the SFFR preferred frequency zone. The penalty tends push the cell-edge user to use more often the preferred zone
Displayed name	sFFRfrequencyShapingOffset (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	0
Step	0.1
Type	Floating point

Table 35-10 sFFRtransmitPSDOffset

Name	Value
Default	3
Description	Transmit PSD offset between interference-bearing zone and non interference bearing zone
Displayed name	sFFRtransmitPSDOffset (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 35-11 ulIClChysteresisTime

Name	Value
Default	500
Description	Defines the hysteresis time for adding or removing users in edge user group in ms
Displayed name	ulIClChysteresisTime (General)
Impact	Partial reset (class B)
Maximum	1000
Minimum	0

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Name	Value
Type	Integer
Units	ms

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Table 35-12 ulICICMode

Name	Value
Default	static1_1
Description	defines ICIC scheme. static1_1(0), static1_3(1), SFFR(2)
Displayed name	ulICICMode (General)
Impact	Partial reset (class B)
Type	UlICICModeEnum

Table 35-13 ulICICPLhysteresisAdd

Name	Value
Default	0
Description	Hysteresis for removing a UE to the cell edge user group in dB
Displayed name	ulICICPLhysteresisAdd (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 35-14 ulICICPLhysteresisDrop

Name	Value
Default	0
Description	Hysteresis for removing a UE to the cell edge user group in dB
Displayed name	ulICICPLhysteresisDrop (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	0
Step	0.1

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Name	Value
Type	Floating point
Units	dB

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Table 35-15 ulICICPLthreshold

Name	Value
Default	0
Description	UL path loss threshold to define interior / edge user in dB
Displayed name	ulICICPLthreshold (General)
Impact	Partial reset (class B)
Maximum	0
Minimum	-150
Step	0.1
Type	Floating point

36 – CellicicConfTDD

Table 36-1 CellicicConfTDD parameters

Parameters	
dlICICRachMsg4StartPRBIndex dlICICSibxStartPRBIndex	id

Table 36-2 dlICICRachMsg4StartPRBIndex

Name	Value
Default	-1
Description	Starting PRB index for message4 area. '-1' means ignoring this parameter.
Displayed name	dlICICRachMsg4StartPRBIndex (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	-1
Type	Integer

Table 36-3 dlICICSibxStartPRBIndex

Name	Value
Default	-1
Description	Starting PRB index for sibx(2,3â) area. '-1' means ignoring this parameter.

(1 of 2)

Name	Value
Displayed name	dlICISibxStartPRBIndex (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	-1
Type	Integer

(2 of 2)

Table 36-4 id

Name	Value
Description	CellicicConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

37 – CellL1DLConf

Table 37-1 CellL1DLConf parameters

Parameters	
id paOffsetPdsch pBCHPowerOffset pbOffsetPdsch pCFICHPowerOffset pDCCHPowerOffsetSymbol1	pDCCHPowerOffsetSymbol2and3 pHICHPowerOffset phichResource primarySyncSignalPowerOffset referenceSignalPower secondarySyncSignalPowerOffset

Table 37-2 id

Name	Value
Description	CellL1DLConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 37-3 paOffsetPdsch

Name	Value
Description	Parameter: P_A provides information about the exact power setting of the PDSCH transmission. dB-6 corresponds to -6 dB, dB-3 corresponds to -3 dB etc. See TS 36.213, 5.2 [x]
Displayed name	paOffsetPdsch (General)
Impact	Partial reset (class B)
Type	PaOffsetPdschEnum

Table 37-4 pBCHPowerOffset

Name	Value
Description	Provides the power offset of the PBCH compared to the Cell Reference Power
Displayed name	pBCHPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Type	Floating point
Units	dB

Table 37-5 pbOffsetPdsch

Name	Value
Description	Parameter: P_B offset between Type A and Type B PDSCH resource elements. Reference to a value in TS 36.213, 5.2. pb0 corresponds to 0, pb1 to 1 etc where the actual value depends of the number of antennas used.
Displayed name	pbOffsetPdsch (General)
Impact	Partial reset (class B)
Type	PbOffsetPdschEnum

Table 37-6 pCFICHPowerOffset

Name	Value
Description	Provides the power offset of the PCFICH compared to the Cell Reference Power
Displayed name	pCFICHPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5

(1 of 2)

Name	Value
Minimum	-25.6
Type	Floating point
Units	dB

(2 of 2)

Table 37-7 pDCCHPowerOffsetSymbol1

Name	Value
Description	Provides the power offset of the PDCCH RE of the first OFDM symbol compared to the Cell Reference Power
Displayed name	pDCCHPowerOffsetSymbol1 (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Type	Floating point
Units	dB

Table 37-8 pDCCHPowerOffsetSymbol2and3

Name	Value
Description	Provides the power offset of the PDCCH RE of the second & third OFDM symbol compared to the Cell Reference Power
Displayed name	pDCCHPowerOffsetSymbol2and3 (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Type	Floating point
Units	dB

Table 37-9 pHICHPowerOffset

Name	Value
Description	Provides the power offset of the PHICH when fully loaded compared to the Cell Reference Power.
Displayed name	pHICHPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5

(1 of 2)

Name	Value
Minimum	-25.6
Type	Floating point
Units	dB

(2 of 2)

Table 37-10 phichResource

Name	Value
Description	Parameter: Ng, see TS 36.211, 6.9
Displayed name	phichResource (General)
Impact	Partial reset (class B)
Type	PhichResourceEnum

Table 37-11 primarySyncSignalPowerOffset

Name	Value
Description	Provides the power offset of the Primary Synchronization Signal compared to the Cell Reference Power
Displayed name	primarySyncSignalPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Type	Floating point
Units	dB

Table 37-12 referenceSignalPower

Name	Value
Description	The Reference Power is the absolute power applied for each RS (Reference Signal) RE (Resource Element). The value in dBm is applicable for a single RE.
Displayed name	referenceSignalPower (General)
Impact	Partial reset (class B)
Maximum	50
Minimum	-60
Type	Integer
Units	dBm

Table 37-13 secondarySyncSignalPowerOffset

Name	Value
Description	Provides the power offset of the Secondary Synchronization Signal compared to the Cell Reference Power
Displayed name	secondarySyncSignalPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Type	Floating point
Units	dB

38 – CellL1L2ControlChannelsConf

Table 38-1 CellL1L2ControlChannelsConf parameters

Parameters	
cFI	pdccchAggregationLevelForCommonSearchSpace
cFI1Allowed	pdccchAggregationLevelForCRNTIGrantsInCommonSearchSpace
cFI2Allowed	pdccchAggregationLevelForNonCRNTIGrantsInCommonSearchSpace
cFI3Allowed	pdccchAggregationLevelForUESearchSpace
cFIIncreaseTimer	pdccchCFI1PowerBoost
cFIThreshold1	pdccchCFI1PowerBoostEnabled
cFIThreshold2	pDCCHCQIToSINRLookUpTable
dlTargetSINRTableForPDCCH	pDCCHPowerCheckActivated
dynamicCFIEnabled	powerOffsetForCriticalCRNTIGrants
dynamicPUCCHEnabled	powerOffsetForDCI3
dynamicPUCCHTimer	powerOffsetForNonCRNTIGrantsInCommonSearchSpace
id	sINRThresholdBetweenAL4andAL8
isPDCCHpowerControlForULgrantsActive	sinrThresholdForCommonOrUESpecificSearchSpace

Table 38-2 cFI

Name	Value
Default	3
Description	Provides the number of OFDM symbols (1, 2 or 3) used for transmission of PDCCHs in a subframe as signaled on the PCFICH.
Displayed name	cFI (General)
Impact	Partial reset (class B)

(1 of 2)

Name	Value
Maximum	3
Minimum	1
Type	Integer

(2 of 2)

Table 38-3 cFI1Allowed

Name	Value
Default	True
Description	Flag that enables or disables the choice of CFI=1 (applies only if dynamic CFI functionality is enabled)
Displayed name	cFI1Allowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 38-4 cFI2Allowed

Name	Value
Default	True
Description	Flag that enables or disables the choice of CFI=2 (applies only if dynamic CFI functionality is enabled)
Displayed name	cFI2Allowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 38-5 cFI3Allowed

Name	Value
Default	True
Description	Flag that enables or disables the choice of CFI=3 (applies only if dynamic CFI functionality is enabled)
Displayed name	cFI3Allowed (General)
Impact	Partial reset (class B)
Type	Boolean

Table 38-6 cFIIncreaseTimer

Name	Value
Default	40
Description	Delay expressed in number of subframes between the trigger for a CFI increase and the actual CFI increase taking place (applies only if the dynamic PUCCH functionality is enabled)
Displayed name	cFIIncreaseTimer (General)
Impact	Partial reset (class B)
Maximum	10000
Minimum	1
Type	Integer

Table 38-7 cFIThreshold1

Name	Value
Default	1
Description	Lower threshold (in number of UE contexts) controlling the choice of CFI (applies only if dynamic CFI functionality is enabled)
Displayed name	cFIThreshold1 (General)
Impact	Partial reset (class B)
Maximum	500
Minimum	1
Type	Integer

Table 38-8 cFIThreshold2

Name	Value
Default	3
Description	Upper threshold (in number of UE contexts) controlling the choice of CFI (applies only if dynamic CFI functionality is enabled)
Displayed name	cFIThreshold2 (General)
Impact	Partial reset (class B)
Maximum	500
Minimum	1
Type	Integer

Table 38-9 dITargetSINRTableForPDCCH

Name	Value
Description	This parameter specifies the PDCCH SINR targets for each of the DCI formats and each of the Aggregation Levels. The table has a 10 columns (one per DCI format) and 4 rows (one per aggregation level).
Impact	Partial reset (class B)
Type	dITargetSINRTableForPDCCHType
Units	dB

Table 38-10 dynamicCFIEnabled

Name	Value
Default	False
Description	Flag that enables or disables the dynamic CFI functionality
Displayed name	dynamicCFIEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 38-11 dynamicPUCCHEnabled

Name	Value
Default	False
Description	Flag that enables or disables the dynamic PUCCH functionality
Displayed name	dynamicPUCCHEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 38-12 dynamicPUCCHTimer

Name	Value
Default	0
Description	Delay expressed in number of subframes between the change of CFI and the first opportunity for the reuse as PUSCH of the unused PUCCH PRBs (Relevant only if the dynamic PUCCH functionality is enabled)
Displayed name	dynamicPUCCHTimer (General)
Impact	Partial reset (class B)
Maximum	10000

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Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 38-13 id

Name	Value
Description	CellL1L2ControlChannelsConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 38-14 isPDCCHpowerControlForULgrantsActive

Name	Value
Default	True
Description	This parameter provides a switch to enable or disable the power control function for DCI0, DCI3 and grants associated to RACH msg2 transmission.
Displayed name	isPDCCHpowerControlForULgrantsActive (General)
Impact	Partial reset (class B)
Type	Boolean

Table 38-15 pdcchAggregationLevelForCommonSearchSpace

Name	Value
Description	Indicates the aggregation level used in the cell
Displayed name	pdccchAggregationLevelForCommonSearchSpace (General)
Impact	Partial reset (class B)
Type	PdcchAggregationLevelForCommonSearchSpaceEnum

Table 38-16 pdcchAggregationLevelForCRNTIGrantsInCommonSearchSpace

Name	Value
Default	4
Description	Indicates the aggregation level used in the cell for all CRNTI grants in the CommonSearchSpace
Displayed name	pdccchAggregationLevelForCRNTIGrantsInCommonSearchSpace (General)
Impact	Partial reset (class B)
Type	PdcchAggregationLevelForCommonSearchSpaceEnum

Table 38-17 pdcchAggregationLevelForNonCRNTIGrantsInCommonSearchSpace

Name	Value
Default	4
Description	Indicates the aggregation level used in the cell for all non-CRNTI grants in the CommonSearchSpace
Displayed name	pdccchAggregationLevelForNonCRNTIGrantsInCommonSearchSpace (General)
Impact	Partial reset (class B)
Type	PdcchAggregationLevelForCommonSearchSpaceEnum

Table 38-18 pdcchAggregationLevelForUESearchSpace

Name	Value
Default	4
Description	Indicates the aggregation level used in the cell
Displayed name	pdccchAggregationLevelForUESearchSpace (General)
Impact	Partial reset (class B)
Type	PdcchAggregationLevelForUESearchSpaceEnum

Table 38-19 pdcchCFI1PowerBoost

Name	Value
Default	0
Description	This parameter specifies the increase to the power available for the PDCCH when CFI=1. It is expressed as an offset (in dB) relative to the nominal PDCCH power.
Displayed name	pdccchCFI1PowerBoost (General)
Impact	Partial reset (class B)
Maximum	12.7

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Name	Value
Minimum	0
Step	0.1
Type	Floating point
Units	dB

(2 of 2)

Table 38-20 pdcchCFI1PowerBoostEnabled

Name	Value
Default	False
Description	This parameter controls the activation of the DL Tx power boost on the 1st OFDM symbol when CFI=1.
Displayed name	pdcchCFI1PowerBoostEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 38-21 pDCCHCQIToSINRLookUpTable

Name	Value
Description	This parameter represents a table, for transforming CQI values into estimated PDCCH SINR values in dB. It is related to the PDCCH power offsets.
Impact	Partial reset (class B)
Type	PDCCHCQIToSINRLookUpTableType
Units	dB

Table 38-22 pDCCHPowerCheckActivated

Name	Value
Default	True
Description	This parameter enables or disables the power check function for DCI0, DCI3 and grants associated to RACH msg2 transmission.
Displayed name	pDCCHPowerCheckActivated (General)
Impact	Partial reset (class B)
Type	Boolean

Table 38-23 powerOffsetForCriticalCRNTIGrants

Name	Value
Default	0
Description	This parameter specifies the power offset to apply on PDCCH messages carrying grants for RACH Msg4, SRB1, TA, DRX, DL SPS Activation, and DL SPS Release.
Displayed name	powerOffsetForCriticalCRNTIGrants (General)
Impact	Partial reset (class B)
Maximum	12.8
Minimum	-12.7
Step	0.1
Type	Floating point
Units	dB

Table 38-24 powerOffsetForDCI3

Name	Value
Default	0
Description	This parameter specifies the power offset to apply on DCI3.
Displayed name	powerOffsetForDCI3 (General)
Impact	Partial reset (class B)
Maximum	12.8
Minimum	-12.7
Step	0.1
Type	Floating point
Units	dB

Table 38-25 powerOffsetForNonCRNTIGrantsInCommonSearchSpace

Name	Value
Default	0
Description	This parameter specifies the power offset to apply on PDCCH messages carrying grants for DBCH, Paging and RACH Msg2.
Displayed name	powerOffsetForNonCRNTIGrantsInCommonSearchSpace (General)
Impact	Partial reset (class B)
Maximum	12.8
Minimum	-12.7

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Name	Value
Step	0.1
Type	Floating point

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Table 38-26 sinRThresholdBetweenAL4andAL8

Name	Value
Default	30
Description	This parameter indicates the signal to noise ratio threshold used to select between AL4 and AL8 for CRNTI DL Grants sent in the common search space.
Displayed name	sinRThresholdBetweenAL4andAL8 (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 38-27 sinrThresholdForCommonOrUEspecificSearchSpace

Name	Value
Default	30
Description	This parameter specifies the signal-to-noise ratio threshold which, if exceeded, allows the eNodeB to allocate the UE in the UE-Specific search space instead of the Common search space, for signaling radio bearer (SRB1) or for Timing Advance (TA).
Displayed name	sinrThresholdForCommonOrUEspecificSearchSpace (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10
Step	0.25
Type	Floating point
Units	dB

39 – CellL1L2ControlChannelsConfTDD

Table 39-1 CellL1L2ControlChannelsConfTDD parameters

Parameters	
adaptiveModeOfPdcchFormat cCEShortageAveragingCoefficient cFIIncreaseThresholdBasedOnCCEShortage dlAggregationLevelReselectionEnabled dlAggregationLevelSINRThresholdTuningFactor	dlTargetSINRTableForPDCCH dynamicCFIMetric id maxCCEShortageMetricUpdateAllowed

Table 39-2 adaptiveModeOfPdcchFormat

Name	Value
Default	limitedAdaptive
Description	This parameter indicates the adaptive mode of PDCCH aggregation Level for dynamic aggregation Level in UE search space. If it is limitedAdaptive, then only AL2 and AL4 are supported; if it is fullAdaptive, AL1, AL2, AL4 and AL8 are all supported.
Displayed name	adaptiveModeOfPdcchFormat (General)
Impact	Partial reset (class B)
Type	AdaptiveModeOfPdcchFormatEnum
Unset supported	Yes

Table 39-3 cCEShortageAveragingCoefficient

Name	Value
Default	1024
Description	This parameter indicates the averaging coefficient for the PDCCH CCE shortage counter. The unit correspond to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	cCEShortageAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer
Unset supported	Yes

Table 39-4 cFIIncreaseThresholdBasedOnCCEShortage

Name	Value
Default	10
Description	This parameter indicates PDCCH CCE shortage threshold for CFI increase decision. It counts for nbr of CCEs.
Displayed name	cFIIncreaseThresholdBasedOnCCEShortage (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	0
Type	Integer
Unset supported	Yes

Table 39-5 dlAggregationLevelReselectionEnabled

Name	Value
Default	False
Description	This parameter indicates a flag that enables or disables the Aggregation level reselection functionality. If the choosen AL according to channel condition can't be available due to search space conflict: If it is set to true, another AL will be reselected; If it is set to false, the CCE allocation for UE is abandoned.
Displayed name	dlAggregationLevelReselectionEnabled (General)
Impact	Partial reset (class B)
Type	Boolean
Unset supported	Yes

Table 39-6 dlAggregationLevelSINRThresholdTuningFactor

Name	Value
Default	0.5
Description	This parameter indicates a ratio to determine the SINR threshold between two PDCCH aggregation level. For example, target SINR for aggregation level 2 is A, and target SINR for aggregation level 4 is B, then the SINR threshold to switch between aggregation level 2 and aggregation level 4 is $B + (A-B) * dlAggregationLevelSINRThresholdTuningFactor$.
Displayed name	dlAggregationLevelSINRThresholdTuningFactor (General)
Impact	Partial reset (class B)
Maximum	1
Minimum	0
Step	0.01
Type	Floating point
Unset supported	Yes

Table 39-7 dlTargetSINRTableForPDCCH

Name	Value
Description	This parameter indicates a table, which describes the target SINR for the combination of different PDCCH formats (AL) and different DCI formats. Note1: Even today not all 3gpp defined DCI formats are supported, the matrix defines all of them. Note2: Even may be some SINR values could be grouped together (for example: 0/1A/3) they are separated in the matrix (for example: the L2 code has to decide whether or not UL and DL grants should be handled commonly) Note3: Even the DCI format 3 (and 3A) is not applicable for AL1 and AL2, it is also defined (to have a consistent array-matrix). dlTargetSINRTableForPDCCH [00]] to [09] is for AL 1 and the DCI formats 0/1/1A/1B/1C/1D/2/2A/3/3A dlTargetSINRTableForPDCCH [10]] to [19] is for AL 2 and the DCI formats 0/1/1A/1B/1C/1D/2/2A/3/3A dlTargetSINRTableForPDCCH [20]] to [29] is for AL 4 and the DCI formats 0/1/1A/1B/1C/1D/2/2A/3/3A dlTargetSINRTableForPDCCH [30]] to [39] is for AL 8 and the DCI formats 0/1/1A/1B/1C/1D/2/2A/3/3A.
Impact	Partial reset (class B)
Type	DLTargetSINRTableForPDCCHType

Table 39-8 dynamicCFIMetric

Name	Value
Default	basedOnNumberOfUEcontexts
Description	This parameter indicates that the dynamic CFI is based on number of connected UEs or on CCE shortage statistic.
Displayed name	dynamicCFIMetric (General)
Impact	Partial reset (class B)

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Name	Value
Type	DynamicCFIMetricEnum
Unset supported	Yes

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Table 39-9 id

Name	Value
Description	CellL1L2ControlChannelsConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 39-10 maxCCEShortageMetricUpdateAllowed

Name	Value
Default	30
Description	This parameter indicates the maximum allowed updated PDCCH CCE shortage metric in one measurement.
Displayed name	maxCCEShortageMetricUpdateAllowed (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer
Unset supported	Yes

40 – CellL1ULConf

Table 40-1 CellL1ULConf parameters

Parameters	
betaOffsetACKIndex	nbrSRperTTI
betaOffsetCQIIndex	nbrSRsperTTI
betaOffsetRIIndex	nRBCQI
cqiFormatIndicatorPeriodic	puschHoppingOffsetPRBs
cqiInitPeriod	srHoldOffForDRX
cqiMaskR9	srInitPeriod
cqiReportingModeAperiodic	sRPeriodicity
deltaOffsetACKIndex	srProhibitTimer
deltaOffsetCQIIndex	srsBandwidthConfiguration
deltaOffsetRIIndex	sRSDuration
deltaPUCCHShift	srsInitPeriod
dsrTransMax	sRSTransmissionComb
groupAssignmentPUSCH	startingSROffset
id	subbandCQIk
initSrsTransmissionComb	uClAndSRsAdjustAllowed
mRI	uLRCyclicShift
n1PucchAN	uplinkControlChannelLUTindex
nbrCQIperTTI	

Table 40-2 betaOffsetACKIndex

Name	Value
Default	9
Description	Parameter I_HARQ-ACK offset: see TS 36.213 [23, Table 8.6.3-1]
Displayed name	betaOffsetACKIndex (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 40-3 betaOffsetCQIIndex

Name	Value
Default	8
Description	Parameter I_CQI offset: see TS 36.213 [23, Table 8.6.3-3]
Displayed name	betaOffsetCQIIndex (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 40-4 betaOffsetRIIndex

Name	Value
Default	6
Description	Parameter I_RI offset: see TS 36.213 [23, Table 8.6.3-1]
Displayed name	betaOffsetRIIndex (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 40-5 cqiFormatIndicatorPeriodic

Name	Value
Default	Wideband
Description	Defines the wideband CQI or subband CQI, it's parameter cqi-FormatIndicatorPeriodic, see TS 36.213 7.2.2. [23, table 7.2.2-1]
Displayed name	cqiFormatIndicatorPeriodic (General)
Impact	Partial reset (class B)
Type	CqiFormatIndicatorPeriodicEnum
Unset supported	Yes

Table 40-6 cqilnitPeriod

Name	Value
Default	40sf
Description	Initial CQI period to be used
Displayed name	cqilnitPeriod (General)
Impact	Partial reset (class B)
Type	CqilnitPeriodEnum

Table 40-7 cqiMaskR9

Name	Value
Default	False
Description	This parameter prevents the UE from transmitting CQI/PMI/RI outside of OnTime, when DRX is configured.
Displayed name	cqiMaskR9 (General)
Impact	No reset (class C)
Type	Boolean

Table 40-8 cqiReportingModeAperiodic

Name	Value
Description	Parameter: reporting mode. Value rm12 corresponds to Mode 1-2, rm20 corresponds to Mode 2-0, rm22 corresponds to Mode 2-2 etc. PUSCH reporting modes are described in TS 36.213 [23, 7.2.1]. Special value is disable in which case the eNodeB does not grant CQI in the UL
Displayed name	cqiReportingModeAperiodic (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Type	CqiReportingModeAperiodicEnum

(2 of 2)

Table 40-9 deltaOffsetACKIndex

Name	Value
Description	Parameter IHARQ-ACK offset: see TS 36.213 [23, Table 8.6.3-1]
Displayed name	deltaOffsetACKIndex (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 40-10 deltaOffsetCQIIndex

Name	Value
Description	Parameter ICQI offset: see TS 36.213 [23, Table 8.6.3-1]
Displayed name	deltaOffsetCQIIndex (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 40-11 deltaOffsetRIIndex

Name	Value
Description	Parameter IRI offset: see TS 36.213 [23, Table 8.6.3-1]
Displayed name	deltaOffsetRIIndex (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 40-12 deltaPUCCHShift

Name	Value
Default	ds2
Description	Parameter Delta_shift used to define PUCCH configuraiton. See 36.211, 5.4.1
Displayed name	deltaPUCCHShift (General)
Impact	Partial reset (class B)
Type	DeltaPUCCHShiftEnum

Table 40-13 dsrTransMax

Name	Value
Default	n4
Description	Parameter used for defining the max number of unanswer Scheduling Request before notifying RRC of PUCCH/SRS release, initiating a Random Access procedure and cancelling all pending SRs. Corresponds to SR_TRANS_MAX parameter in 36.321.
Displayed name	dsrTransMax (General)
Impact	Partial reset (class B)
Type	DsrTransMaxEnum

Table 40-14 groupAssignmentPUSCH

Name	Value
Default	0
Description	Defines PUSCH group assignment parameter Delta_ss in 36.211, section 5.5.1.3. Used in PUSCH reference signal hopping allocation.
Displayed name	groupAssignmentPUSCH (General)
Impact	Partial reset (class B)
Maximum	29
Minimum	0
Type	Integer

Table 40-15 id

Name	Value
Description	CellL1ULConf identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

Table 40-16 initSrsTransmissionComb

Name	Value
Default	0
Description	This parameter defines the initial value of SRS frequency domain transmission comb that is assigned to UEs (till the max number of SRSs percomb value is reached and then the other comb value is used). Parameter k_TC. see TS 36.211 section 5.5.3.2.
Displayed name	initSrsTransmissionComb (General)
Impact	Partial reset (class B)
Maximum	1
Minimum	0
Type	Integer

Table 40-17 mRI

Name	Value
Description	The reporting interval of RI is MRI times of wideband CQI/PMI period. refer to 3GPP 36.213 7.2.2, Table 7.2.2-1B
Displayed name	mRI (General)
Impact	Partial reset (class B)
Type	MRIEnum
Unset supported	Yes

Table 40-18 n1PucchAN

Name	Value
Default	0
Description	Defines parameter N ¹ _{PUCCH} for PUCCH resource allocation. Used in PUCCH Formats 1A/1B. See TS 36.213, 10.1
Displayed name	n1PucchAN (General)
Impact	Partial reset (class B)

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Name	Value
Maximum	11
Minimum	0
Type	Integer

(2 of 2)

Table 40-19 nbrCQIperTTI

Name	Value
Default	5
Description	Maximum number of CQIs that can be processed per TTI due to modem processing power limitation
Displayed name	nbrCQIperTTI (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	1
Type	Integer

Table 40-20 nbrSRperTTI

Name	Value
Default	6
Description	Maximum number of SR that can be processed per TTI due to modem processing power limitation
Displayed name	nbrSRperTTI (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	1
Type	Integer

Table 40-21 nbrSRsperTTI

Name	Value
Default	4
Description	Maximum number of SRs that are allowed to be multiplexed per TTI
Displayed name	nbrSRsperTTI (General)
Impact	Partial reset (class B)
Maximum	16

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Name	Value
Minimum	1
Type	Integer

(2 of 2)

Table 40-22 nRBCQI

Name	Value
Default	0
Description	Parameter: N [^] CQI_RB, see TS 36.211 [21, 5.4]. Defines the number of PRBs available for PUCCH Formats 2/2a/2b. Supported values are 0: Normal mode 28: 700 MHz Upper C Block configuration
Displayed name	nRBCQI (General)
Impact	Partial reset (class B)
Maximum	98
Minimum	0
Type	Integer

Table 40-23 puschHoppingOffsetPRBs

Name	Value
Description	Defines PUSCH hopping offset in PRBs. Indicates boundary between PUCCH and PUSCH. Parameter N_RB [^] HO. See TS 36.211 [21, 5.3.4]
Displayed name	puschHoppingOffsetPRBs (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 40-24 srHoldOffForDRX

Name	Value
Default	2
Description	This parameter specifies the number of consecutive Scheduling Requests that need to be decoded, when UE is in DRX mode, before the eNodeB recognizes a valid Scheduling Request.
Displayed name	srHoldOffForDRX (General)
Impact	No reset (class C)
Maximum	10

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Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 40-25 srInitPeriod

Name	Value
Default	10sf
Description	Initial SR period to be used
Displayed name	srInitPeriod (General)
Impact	Partial reset (class B)
Type	SrInitPeriodEnum

Table 40-26 sRPeriodicity

Name	Value
Default	infinite
Description	The period of SR transmission on PUCCH, TS36.213 [Table 10.1-5]
Displayed name	sRPeriodicity (General)
Impact	Partial reset (class B)
Type	SRPeriodicityEnum

Table 40-27 srProhibitTimer

Name	Value
Default	0
Description	This parameter controls the minimum separation in time between consecutive Scheduling Request transmissions by the UE (refer to 36.321 sec.5.4.4). It can be used to prevent unwanted repetitions of SRs. The parameter is expressed in number of SR periods. It is sent to the UE in the RRC IE sr-ProhibitTimer-r9. It applies to Rel9 UEs. srProhibitTimer = 0 means no minimum interval (SRs can be sent at every SR period).
Displayed name	srProhibitTimer (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 40-28 srsBandwidthConfiguration

Name	Value
Default	bw0
Description	Defines SRS bandwidth configuration parameter. See TS 36.211, table 5.5.3.2-1, 5.5.3.2-2, 5.5.3.2-3 and 5.5.3.2-4. For 10 MHz, supported values are {bw0(0), bw2(2), bw6(6), bw7(7)} corresponding to bw0: 48 PRBs bw2: 40 PRBs bw6: 20 PRBs bw7: 16 PRBs For 5 MHz, supported value is bw3: 20 PRBs For 20 MHz, supported values are bw0: 96 PRBs bw2: 80 PRBs
Displayed name	srsBandwidthConfiguration (General)
Impact	Partial reset (class B)
Type	SrsBandwidthConfigurationEnum

Table 40-29 sRSDuration

Name	Value
Default	infinite
Description	Specifies (One shot, Infinite)
Displayed name	sRSDuration (General)
Impact	Partial reset (class B)
Type	SRSDurationEnum

Table 40-30 srsInitPeriod

Name	Value
Default	10sf
Description	Initial SRS period to be used
Displayed name	srsInitPeriod (General)
Impact	Partial reset (class B)
Type	SrsInitPeriodEnum

Table 40-31 sRSTransmissionComb

Name	Value
Default	0
Description	Defines frequency domain transmission comb for SRS. Parameter k_TC. see TS 36.211 section 5.5.3.2.
Displayed name	sRSTransmissionComb (General)
Impact	Partial reset (class B)

(1 of 2)

Name	Value
Maximum	1
Minimum	0
Type	Integer

(2 of 2)

Table 40-32 startingSROffset

Name	Value
Default	0
Description	Starting position of the SR subframe offset allocation
Displayed name	startingSROffset (General)
Impact	Partial reset (class B)
Maximum	9
Minimum	0
Type	Integer

Table 40-33 subbandCQIk

Name	Value
Description	Defines the K value of subband CQI. See TS 36.213, 7.2.2 parameter K; it's only valid when subbandCQI configured
Displayed name	subbandCQIk (General)
Impact	Partial reset (class B)
Maximum	4
Minimum	1
Type	Integer
Unset supported	Yes

Table 40-34 uClandSRSAdjustAllowed

Name	Value
Default	True
Description	Boolean flag used to control if the P-CQI and SRS periods are allowed to be adapted as a function of the UE context ID value or if all Ues are expected to have the same value.
Displayed name	uClandSRSAdjustAllowed (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Type	Boolean

(2 of 2)

Table 40-35 uIRSCyclicShift

Name	Value
Default	0
Description	Defines UL reference signal cyclic shift value parameter $n^{\wedge}1_DMRS$. See TS 36.211, 5.5.2.1.1.
Displayed name	uIRSCyclicShift (General)
Impact	Partial reset (class B)
Maximum	7
Minimum	0
Type	Integer

Table 40-36 uplinkControlChannelLUTindex

Name	Value
Default	0
Description	Index of the table of configuration profiles used in the cell. The list of configuration profiles include the per UE PUCCH info and C-RNTI (P-CQI, SR, RI, and C-RNTI).
Displayed name	uplinkControlChannelLUTindex (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

41 — CellL1ULConfFDD

Table 41-1 CellL1ULConfFDD parameters

Parameters	
cqiReportingModeAperiodic id	nRBCQI

Table 41-2 [cqiReportingModeAperiodic](#)

Name	Value
Default	rm31
Description	Parameter: reporting mode. Value rm30 corresponds to Mode 3-0, rm31 corresponds to Mode 3-1etc. PUSCH reporting modes are described in TS 36.213 [23, 7.2.1]. Special value is disable in which case the eNodeB does not grant CQI in the UL
Displayed name	cqiReportingModeAperiodic (General)
Impact	Partial reset (class B)
Type	CqiReportingModeAperiodicEnumFDD
Unset supported	Yes

Table 41-3 id

Name	Value
Description	CellL1ULConfFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 41-4 nRBCQI

Name	Value
Default	0
Description	Parameter: N^CQI_RB, see TS 36.211 [21, 5.4]. Defines the number of PRBs available for PUCCH Formats 2/2a/2b. Supported values are 0: Normal mode 28: 700 MHz Upper C Block configuration
Displayed name	nRBCQI (General)
Impact	Partial reset (class B)
Type	NRBCQIEnum

42 – CellL1ULConfTDD

Table 42-1 CellL1ULConfTDD parameters

Parameters	
antSubArrayGroupingScheme	pucchFormat1and1aDtxThresholdIndex
cqiInitPeriod	pucchFormat1bDtxThresholdIndex
cqiPeriod	srsBandwidth
cqiReportingModeAperiodic	srsHoppingBandwidth
id	srsMaxUpPts
l1ReceiverMethod	sRSperiodicity
nbofconsecutivePRBForIRC	srsSubframeConfiguration
nRBCQI	tddAckNackFeedbackMode

Table 42-2 antSubArrayGroupingScheme

Name	Value
Default	05274163
Description	This parameter configures the logical antenna sub-array grouping scheme in IRC receiver for 8 antennas. It is in 8 Hex string. Every Hex indicate the antenna index. The antenna index is 0-7. The 4 most significant Hexs indicate the antenna index of sub-array1. The 4 least significant Hex indicate the antenna index of sub-array2. There are A, B, C and D four grouping schemes. A: 0123 ("\\ \\ \\ \\",sub-array 1); 4567("/ / / /",sub-array 2). The value is: 01234567. B: 0415("XX--",sub-array 1); 2637("--XX"sub-array 2).The value is: 04152637. C: 0437("X--X"sub-array 1); 1526("--XX"sub-array 2). The value is: 04371526. D: 0527("\\-/-\\-/",sub-array 1); 4163("/-\\-/-\\-/"sub-array 2).The value is: 05274163.
Displayed name	antSubArrayGroupingScheme (General)
Impact	Partial reset (class B)

(1 of 2)

Name	Value
Maximum	8
Minimum	8
Type	String
Unset supported	Yes

(2 of 2)

Table 42-3 cqInitPeriod

Name	Value
Default	20ms
Description	This parameter configures the initial CQI period of a cell.
Displayed name	cqInitPeriod (General)
Impact	Partial reset (class B)
Type	CqiInitPeriodTDDEnum

Table 42-4 cqiPeriod

Name	Value
Description	Defines the CQI period , see TS36.213 Table 7.2.2-1C parameter Np.
Displayed name	cqiPeriod (General)
Impact	Partial reset (class B)
Type	CqiPeriodTDDEnum
Unset supported	Yes

Table 42-5 cqiReportingModeAperiodic

Name	Value
Default	rm31
Description	Parameter: reporting mode. Value rm12 corresponds to Mode 1-2, rm20 corresponds to Mode 2-0, rm22 corresponds to Mode 2-2 etc. PUSCH reporting modes are described in TS 36.213 [23, 7.2.1]. Special value is disable in which case the eNodeB does not grant CQI in the UL
Displayed name	cqiReportingModeAperiodic (General)
Impact	No reset (class C)
Type	CqiReportingModeAperiodicEnum

Table 42-6 id

Name	Value
Description	CellL1ULConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 42-7 l1ReceiverMethod

Name	Value
Default	mrc
Description	This parameter selects the L1 receiver method, IRC receiver, MRC receiver, or MRC/IRC adaptive, that is, per-TTI switch between MRC and IRC. 0-MRC, 1-IRC, 2-Adaptive. In TLA3.0 adaptive receiver is not supported.
Displayed name	l1ReceiverMethod (General)
Impact	Partial reset (class B)
Type	L1ReceiverMethodEnum
Unset supported	Yes

Table 42-8 nbofconsecutivePRBForIRC

Name	Value
Default	4
Description	This parameter specifies the number of consecutive PRB used for averaging noise covariance matrix in IRC receiver.
Displayed name	nbofconsecutivePRBForIRC (General)
Impact	Partial reset (class B)
Maximum	8
Minimum	1
Type	Integer
Unset supported	Yes

Table 42-9 nRBCQI

Name	Value
Default	0
Description	Parameter: N ^{CQI} _RB, see TS 36.211 [21, 5.4]. Defines the number of PRBs available for PUCCH Formats 2/2a/2b. Supported values are 0: Normal mode 28: 700 MHz Upper C Block configuration
Displayed name	nRBCQI (General)
Impact	Partial reset (class B)
Maximum	2
Minimum	0
Type	Integer

Table 42-10 pucchFormat1and1aDtxThresholdIndex

Name	Value
Default	8
Description	This parameter is used for PUCCH format 1/1a DTX detection in DSP. DSP shall maintain mapping tables between this parameter and the real threshold for different Rx antenna configuration. For different Rx antenna configuration, the parameter is mapping in different mapping table by DSP. Valid range is [0..15].
Displayed name	pucchFormat1and1aDtxThresholdIndex (General)
Impact	Partial reset (class B)
Maximum	73
Minimum	0
Type	Integer

Table 42-11 pucchFormat1bDtxThresholdIndex

Name	Value
Default	8
Description	This parameter is used for PUCCH format 1b DTX detection in DSP. DSP shall maintain mapping tables between this parameter and the real threshold for different Rx antenna configuration. For different Rx antenna configuration, the parameter is mapping in different mapping table by DSP. Valid range is [0..15].
Displayed name	pucchFormat1bDtxThresholdIndex (General)
Impact	Partial reset (class B)
Maximum	73
Minimum	0
Type	Integer

Table 42-12 srsBandwidth

Name	Value
Default	bw0
Description	This parameter configures the UE-specific srs-Bandwidth parameter, Bsr, for the cell. See TS 36.211 5.5.3.2.
Displayed name	srsBandwidth (General)
Impact	Partial reset (class B)
Type	SrsBandwidthEnum

Table 42-13 srsHoppingBandwidth

Name	Value
Default	hbw0
Description	This parameter configures the frequency-hopping parameter, bhop, for the sounding reference signal in the cell. See TS 36.211 5.5.3.2.
Displayed name	srsHoppingBandwidth (General)
Impact	Partial reset (class B)
Type	SrsHoppingBandwidthEnum

Table 42-14 srsMaxUpPts

Name	Value
Default	True
Description	parameter srsMaxUpPts in 36.211 5.5.3.2, For UpPTS, if this parameter is set to TRUE, UE shall reconfigure the SRS bandwidth in special frame(UpPTS).
Displayed name	srsMaxUpPts (General)
Impact	Partial reset (class B)
Type	Boolean
Unset supported	Yes

Table 42-15 sRSperiodicity

Name	Value
Default	5ms
Description	Provides information about the period of SRS transmission from the UE Provides information about the period of SRS transmission from the UE.
Displayed name	sRSperiodicity (General)

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Name	Value
Impact	Partial reset (class B)
Type	SRSPeriodicityEnum
Unset supported	Yes

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Table 42-16 srsSubframeConfiguration

Name	Value
Default	sc4
Description	Sounding reference signal is transmitted only in configured UL subframes or UpPTS. See TS 36.211 V8.5.0(2008-12) 5.5.3.3. supported values are {0,1,2,3,4,â,15}
Displayed name	srsSubframeConfiguration (General)
Impact	Partial reset (class B)
Type	SrsSubframeConfigurationEnum

Table 42-17 tddAckNackFeedbackMode

Name	Value
Default	multiplexing
Description	Parameter indicates one of the two TDD ACK/NACK feedback modes used, see TS 36.213 [23, 7.3]. Bundling corresponds to use of ACK/NACK bundling whereas, multiplexing corresponds to ACK/NACK multiplexing. The same value applies to both ACK/NACK feedback modes on PUCCH as well as on PUSCH. This field is only applicable for TDD.
Displayed name	tddAckNackFeedbackMode (General)
Impact	Partial reset (class B)
Type	TddAckNackFeedbackModeEnum

43 – CellL2DLConf

Table 43-1 CellL2DLConf parameters

Parameters	
alphaFairnessFactor	numberRBnotForPaging
dlSpeedThresholdForDisablingFreqSelectiveScheduling	pagingForceMCsmin
fDSOnly	pDCCHPowerControlActivation
id	pDCCHPowerControlMaxPowerDecrease
maxDopplerShiftForSPSDI	pDCCHPowerControlMaxPowerIncrease
maximumFSSUsers	pDCCHPowerControlType
maximumUsersInACQIListFromDLScheduler	rachMsg2ForceMCsmin
maxResourceBlocksPerTTIToLimitSPSAllocation	resourceBlockShift
minimumCQIForFSS	siForceMCsmin
minSINRForSPSDI	timingAlignmentCommandTimer
nomPdschRsEpreOffset	transmissionMode

Table 43-2 alphaFairnessFactor

Name	Value
Default	1.0
Description	fairness parameter used for tuning the scheduler
Displayed name	alphaFairnessFactor (General)
Impact	Partial reset (class B)
Maximum	2
Minimum	0

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Name	Value
Step	0.5
Type	Floating point

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Table 43-3 dlSpeedThresholdForDisablingFreqSelectiveScheduling

Name	Value
Description	Speed threshold to stop using NB-CQI reports and backup to frequency diverse scheduling. 0 forces usage of the Frequency Diverse scheduling
Displayed name	dlSpeedThresholdForDisablingFreqSelectiveScheduling (General)
Impact	Partial reset (class B)
Maximum	120
Minimum	0
Type	Integer

Table 43-4 fdSOnly

Name	Value
Default	False
Description	Enforces the DL scheduler to work in FDS mode only.
Displayed name	fdSOnly (General)
Impact	Partial reset (class B)
Type	Boolean

Table 43-5 id

Name	Value
Description	CellL2DLConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 43-6 maxDopplerShiftForSPSDI

Name	Value
Default	70
Description	This parameter controls the Doppler Shift limit to allow SPS Activation.
Displayed name	maxDopplerShiftForSPSDI (General)
Impact	Partial reset (class B)
Maximum	850
Minimum	0
Type	Integer
Units	Hz

Table 43-7 maximumFSSUsers

Name	Value
Default	60
Description	Defines the maximum number of FSS users that could be managed
Displayed name	maximumFSSUsers (General)
Impact	Partial reset (class B)
Maximum	60
Minimum	1
Type	Integer

Table 43-8 maximumUsersInACQIListFromDLScheduler

Name	Value
Default	80
Description	Defines the maximum number of users that DL Scheduler puts in the list of candidate users for A-CQI report managed by the UL Scheduler
Displayed name	maximumUsersInACQIListFromDLScheduler (General)
Impact	Partial reset (class B)
Maximum	120
Minimum	1
Type	Integer

Table 43-9 maxResourceBlocksPerTTIToLimitSPSAllocation

Name	Value
Default	50
Description	This parameter controls the maximum number of PRB that could be allocated for SPS in a given sub-frame.
Displayed name	maxResourceBlocksPerTTIToLimitSPSAllocation (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	1
Type	Integer

Table 43-10 minimumCQIForFSS

Name	Value
Default	6
Description	Defines the minimum CQI below which the user is forced in FDS
Displayed name	minimumCQIForFSS (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	1
Type	Integer

Table 43-11 minSINRForSPSDI

Name	Value
Default	0
Description	This parameter controls the minimum SINR to allow SPS Activation.
Displayed name	minSINRForSPSDI (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10
Step	0.25
Type	Floating point
Units	dB

Table 43-12 nomPdschRsEpreOffset

Name	Value
Default	0
Description	Provides information about the nominal measurement offset (in dB) between the PDSCH and RS EPRE that the UE should assume when computing CQI.
Displayed name	NomPdschRsEpreOffset (General)
Impact	Partial reset (class B)
Maximum	12
Minimum	-2
Step	2
Type	Integer
Units	dB

Table 43-13 numberRBnotForPaging

Name	Value
Default	0
Description	This parameter specifies the number of RBs that will not be used in DL by Paging Messages, in the sub-frames where they are transmitted. This allows to limit the bandwidth allocated to PCCH, to keep room for SPS and dynamic allocation in the same sub-frames. Change is taken into account at the next SI update opportunity, when PCCH configuration is updated.
Displayed name	numberRBnotForPaging (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 43-14 pagingForceMCSmin

Name	Value
Default	-1
Description	Optionally force the minimum MCS used for PCH transmission to a specific value, to allow better or lower protection than the one automatically selected. QPSK modulation mandatory, so range is 0-9. Use -1 to have AUTO mode
Displayed name	pagingForceMCSmin (General)
Impact	Partial reset (class B)
Maximum	9

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Name	Value
Minimum	-1
Type	Integer

(2 of 2)

Table 43-15 pDCCHPowerControlActivation

Name	Value
Default	False
Description	Activation of the PDCCH Power Control Feature. When de-activated, the configured power for PDCCH channels are used.
Displayed name	pDCCHPowerControlActivation (General)
Impact	No reset (class C)
Type	Boolean

Table 43-16 pDCCHPowerControlMaxPowerDecrease

Name	Value
Default	0.0
Description	Allows to cap the maximum power offset that DL scheduler is allowed to decrease below the configured power for PDCCH
Displayed name	pDCCHPowerControlMaxPowerDecrease (General)
Impact	No reset (class C)
Maximum	25.6
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 43-17 pDCCHPowerControlMaxPowerIncrease

Name	Value
Default	0.0
Description	Allows to cap the maximum power offset that DL scheduler is allowed to add on top of the configured power for PDCCH
Displayed name	pDCCHPowerControlMaxPowerIncrease (General)
Impact	No reset (class C)
Maximum	25.5

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Name	Value
Minimum	0
Step	0.1
Type	Floating point
Units	dB

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Table 43-18 pDCCHPowerControlType

Name	Value
Default	IN_Scheduling
Description	This parameter selects the algorithm used by the Downlink Scheduler for PDCCH Power control. The options are: - Anticipated Scheduling PDCCH Power Control (iso-functional with earlier product release). - IN-Scheduling PDCCH Power Control (enhanced algorithm).
Displayed name	pDCCHPowerControlType (General)
Impact	Partial reset (class B)
Type	PDCCHPowerControlTypeEnum

Table 43-19 rachMsg2ForceMCSmin

Name	Value
Default	-1
Description	Optionally force the minimum MCS used for RACH message 2 transmission to a specific value, to allow better or lower protection than the one automatically selected. QPSK modulation mandatory, so range is 0-9. Use -1 to have AUTO mode
Displayed name	rachMsg2ForceMCSmin (General)
Impact	Partial reset (class B)
Maximum	9
Minimum	-1
Type	Integer

Table 43-20 resourceBlockShift

Name	Value
Default	0
Description	Frequency hopping shift in number of RB to be applied, on a per frame basis, on VoIP channels. Value should not be greater than NRB-NumberOfRBforVoIP, NRB being 6/15/25/50/100 depending of DL bandwidth.
Displayed name	resourceBlockShift (General)

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Name	Value
Impact	Partial reset (class B)
Maximum	96
Minimum	0
Type	Integer

(2 of 2)

Table 43-21 siForceMCSmin

Name	Value
Default	-1
Description	Optionally force the minimum MCS used for SI messages transmission to a specific value, to allow better or lower protection than the one automatically selected. QPSK modulation mandatory, so range is 0-9. Use -1 to have AUTO mode
Displayed name	siForceMCSmin (General)
Impact	Partial reset (class B)
Maximum	9
Minimum	-1
Type	Integer

Table 43-22 timingAlignmentCommandTimer

Name	Value
Default	1000
Description	Provides the timer used by MAC to send the Time Alignment Command to the UE
Displayed name	timingAlignmentCommandTimer (General)
Impact	No reset (class C)
Maximum	2550
Minimum	10
Step	10
Type	Integer
Units	ms

Table 43-23 transmissionMode

Name	Value
Description	Points to one of Transmission modes defined in TS 36.213, 7.1 where tm1 refers to transmission mode 1, tm2 to transmission mode 2 etc.
Displayed name	transmissionMode (General)
Impact	Partial reset (class B)
Type	TransmissionModeEnum

44 – CellL2DLConfTDD

Table 44-1 CellL2DLConfTDD parameters

Parameters	
bOEmptyTimer	id
dlBasicSchedulingMode	maxGrantedUsers
dlMcsAdjustAccountForBOEnabled	maxNumberOfRBsPerUE
dlMultiBFWeightOfOCNSForPDSCHEnabled	nGBRQoSFactor
dlMultiplexingOfMultiBearersEnabled	nonSyncEnabled
dlPDBQoS TuningFactor	numberPuschThresholdPerTTI
dlPriorityQoS TuningFactor	pDBThreshold
dlResourceAllocationType	pDCCHBlerControlActivation
dlSchedulerMode	percentageThresholdForDLRR
expectedNumberOfUEPerTTIForDLRR	pRBEndIndexForPDSCH
hARQRetransmissionMode	pRBStartIndexForPDSCH

Table 44-2 bOEmptyTimer

Name	Value
Default	2000
Description	This parameter indicates the timer to control UE's non-sync status. If UE is inactive for the period, the UE can be put into non-sync status.
Displayed name	bOEmptyTimer (General)
Impact	Partial reset (class B)
Maximum	20000
Minimum	0

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Name	Value
Step	100
Type	Integer
Units	ms
Unset supported	Yes

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Table 44-3 dlBasicSchedulingMode

Name	Value
Default	PF
Description	The basic DL scheduling mode to calculate the resource matrix. PF: propotional fair MaxCI: max C/I RR: round robin
Displayed name	dlBasicSchedulingMode (General)
Impact	Partial reset (class B)
Type	BasicSchedulingModeEnum

Table 44-4 dlMcsAdjustAccountForBOEnabled

Name	Value
Default	False
Description	This parameter determines whether data buffering is considered when determining the MCS of a TB.
Displayed name	dlMcsAdjustAccountForBOEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 44-5 dlMultiBFWeightOfOCNSForPDSCHEnabled

Name	Value
Default	False
Description	This parameter determines whether multiple beam-forming weights are applied in downlink OCNS for PDSCH.
Displayed name	dlMultiBFWeightOfOCNSForPDSCHEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 44-6 dlMultiplexingOfMultiBearersEnabled

Name	Value
Default	False
Description	The flag to indicate whether multi-bearer can be multiplexed into 1 MAC PDU
Displayed name	dlMultiplexingOfMultiBearersEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 44-7 dlPDBQoS TuningFactor

Name	Value
Default	2
Description	This parameter indicates a tuning factor, which is used to translate the importance of PDB(package delay budget) into QoS weight.
Displayed name	dlPDBQoS TuningFactor (General)
Impact	Partial reset (class B)
Type	dlPDBQoS TuningFactorEnum

Table 44-8 dlPriorityQoS TuningFactor

Name	Value
Description	This parameter indicates a tuning factor, which is used to translate the importance of priority into QoS weight.
Displayed name	dlPriorityQoS TuningFactor (General)
Impact	Partial reset (class B)
Maximum	1
Minimum	0
Step	0.125
Type	Floating point

Table 44-9 dlResourceAllocationType

Name	Value
Default	rat0_0
Description	Resource allocation type for DL dynamic scheduling ENUM: 0-0: Loop RBG mode, frequency selective allocation, RA type 0 1-1: Loop user mode, greedy resource allocation, RA type 1 1-2: Loop user mode, greedy resource allocation, RA type 2 (distributed) 2-0: Loop user mode, fix resource allocation, RA type 0 1-3: Loop user mode, greedy resource allocation, RA type 2 (localized) ;
Displayed name	dlResourceAllocationType (General)
Impact	Partial reset (class B)
Type	DLResourceAllocationTypeEnum

Table 44-10 dlSchedulerMode

Name	Value
Description	Define which kind of dl dynamic scheduling mode shall be used in the cell: 1).Frequency selective; 2): Frequency non selective; 3): Adaptive
Displayed name	dlSchedulerMode (General)
Impact	Partial reset (class B)
Type	DLSchedulerModeEnum

Table 44-11 expectedNumberOfUEPerTTIForDLRR

Name	Value
Description	Define the expected nbr of UE per DL TTI that can be scheduled when using RR algorithm.
Displayed name	expectedNumberOfUEPerTTIForDLRR (General)
Impact	Partial reset (class B)
Maximum	32
Minimum	1
Type	Integer
Unset supported	Yes

Table 44-12 hARQRetransmissionMode

Name	Value
Default	Non_adaptive
Description	The mode of dl retransmission

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Name	Value
Displayed name	hARQRetransmissionMode (General)
Impact	Partial reset (class B)
Type	HARQRetransmissionModeEnum

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Table 44-13 id

Name	Value
Description	CellL2DLConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 44-14 maxGrantedUsers

Name	Value
Default	10
Description	This parameter specifies the maximum number of UE scheduled per TTI.
Displayed name	maxGrantedUsers (General)
Impact	No reset (class C)
Maximum	80
Minimum	1
Type	Integer

Table 44-15 maxNumberOfRBsPerUE

Name	Value
Description	max number of RBs allowed per UE per TTI in DL scheduler;
Displayed name	maxNumberOfRBsPerUE (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	1
Type	Integer

Table 44-16 nGBRQosFactor

Name	Value
Description	a tuning factor of QoS weight for non-GBR bear
Displayed name	nGBRQosFactor (General)
Impact	Partial reset (class B)
Maximum	0.5
Minimum	0
Step	0.125
Type	Floating point

Table 44-17 nonSyncEnabled

Name	Value
Default	False
Description	This parameter indicates a flag to control whether the functionality of non-Sync management is enabled or not.
Displayed name	NonSyncEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 44-18 numberPuschThresholdPerTTI

Name	Value
Default	15
Description	This parameter specifies the threshold of PUSCH grant number per TTI per cell, re-transmission of Msg3, new transmission of Msg3, re-transmission of dynamic scheduling and new transmission of dynamic scheduling are taken into account.
Displayed name	numberPuschThresholdPerTTI (General)
Impact	No reset (class C)
Maximum	100
Minimum	1
Type	Integer

Table 44-19 pDBThreshold

Name	Value
Default	200
Description	This parameter indicates a pDB(packet delay budget) threshold. The UE with bearers whose packet delay budget requirements are less than the threshold shall not be put into non-sync status.
Displayed name	pDBThreshold (General)
Impact	Partial reset (class B)
Maximum	400
Minimum	0
Step	10
Type	Integer
Units	ms
Unset supported	Yes

Table 44-20 pDCCHBlerControlActivation

Name	Value
Default	False
Description	The flag is used to indicate whether BLER control for PDCCH is activated
Displayed name	pDCCHBlerControlActivation (General)
Impact	Partial reset (class B)
Type	Boolean

Table 44-21 percentageThresholdForDLRR

Name	Value
Default	0.5
Description	If the nbr of PRBs left has reached this percentage of the average level, those left PRBs can be assigned to the Round-Robin UE (Downlink).
Displayed name	percentageThresholdForDLRR (General)
Impact	Partial reset (class B)
Maximum	1
Minimum	0
Step	0.1
Type	Floating point
Unset supported	Yes

Table 44-22 pRBEndIndexForPDSCH

Name	Value
Description	the ending PRB index for dynamic scheduling of PDSCH.
Displayed name	pRBEndIndexForPDSCH (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 44-23 pRBStartIndexForPDSCH

Name	Value
Description	the starting PRB index for dynamic scheduling of PDSCH.
Displayed name	pRBStartIndexForPDSCH (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

45 – CellL2ULConf

Table 45-1 CellL2ULConf parameters

Parameters	
aperiodicCQIuserListFDSINRthr	nominalMCSforSPSgrantsUL
aperiodicCQIuserListFSSINRthr	periodicBSRtimer
aperiodicCQIuserListMaxSizeInULS	periodicPHRtimer
aperiodicCQIuserListPHRthr	prohibitPHRtimer
aperiodicCQIuserListUpdatePeriod	retxBSRtimer
deltaNbrUserThrFDS	sinrBackoffForSRGrant
deltaSinrThrFSS	sinrThrFSS
dlPathlossChangeForPHRreporting	sPSactivationPHRmarginUL
forceAllFDusersIntoHighMobilityState	sPSactivationSINRmarginUL
id	sRSsinrCorrectionUponSRSdrop
initialULPathlossEstimate	timeAlignmentTimerCommon
maxExtendedSRGrantSize	timeAlignmentTimerDedicated
maxHARQtx	ulSchedPropFairAlphaFactor
maxNbrULFSUsers	ulSchedulerMode
maxNumberOfIterationsAtPreselectionStage	userUplinkClassificationPeriod
nbrUserThrFDS	

Table 45-2 aperiodicCQIuserListFDSINRthr

Name	Value
Default	7
Description	Minimum wideband SRS SINR that a frequency diverse UE needs to meet to be allowed in the A-CQI user list managed by the UL scheduler

(1 of 2)

Name	Value
Displayed name	aperiodicCQIuserListFDSINRthr (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	-15
Step	0.1
Type	Floating point
Units	dB

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Table 45-3 aperiodicCQIuserListFSSINRthr

Name	Value
Default	5
Description	Minimum wideband SRS SINR that a frequency selective UE needs to meet to be allowed in the A-CQI user list managed by the UL scheduler
Displayed name	aperiodicCQIuserListFSSINRthr (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	-15
Step	0.1
Type	Floating point
Units	dB

Table 45-4 aperiodicCQIuserListMaxSizeInULS

Name	Value
Default	20
Description	Defines the maximum size of the list of user that are selected in the UL scheduler for A-CQI reporting.
Displayed name	aperiodicCQIuserListMaxSizeInULS (General)
Impact	Partial reset (class B)
Maximum	60
Minimum	0
Type	Integer

Table 45-5 aperiodicCQIuserListPHRthr

Name	Value
Default	8
Description	Minimum normalized power headroom that a UE needs to meet to be allowed in the A-CQI user list managed by the UL scheduler
Displayed name	aperiodicCQIuserListPHRthr (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	0
Type	Integer

Table 45-6 aperiodicCQIuserListUpdatePeriod

Name	Value
Default	500ms
Description	Defines the period for updates of the A-CQI user list from the downlink scheduler to the uplink scheduler.
Displayed name	aperiodicCQIuserListUpdatePeriod (General)
Impact	Partial reset (class B)
Type	AperiodicCQIuserListUpdatePeriodEnum

Table 45-7 deltaNbrUserThrFDS

Name	Value
Default	10
Description	Hysteresis is applied to the nbrUserThr for allowing back the use of FSS scheduling when the number of users on the cell decreases below nbrUserThr-deltaNbrUserThrFDS
Displayed name	deltaNbrUserThrFDS (General)
Impact	Partial reset (class B)
Maximum	200
Minimum	0
Type	Integer

Table 45-8 deltaSinrThrFSS

Name	Value
Default	3
Description	Hysteresis applied to UL SRS SINR threshold level, the SINR for switching the user back to FDS is (sinrThrFSS-deltaSinrFSS)
Displayed name	deltaSinrThrFSS (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Step	0.5
Type	Floating point
Units	dB

Table 45-9 dlPathlossChangeForPHRreporting

Name	Value
Default	dB1
Description	Defines path loss change threshold value for sending a new PHR report. As per 36.321.
Displayed name	dlPathlossChangeForPHRreporting (General)
Impact	No reset (class C)
Type	DLPathlossChangeForPHRreportingEnum
Units	dB

Table 45-10 forceAllFDusersIntoHighMobilityState

Name	Value
Default	False
Description	Parameter used to force the use of the higherPUSCH BLER setpoint for all types of FD users. This can be used e.g when the dominant type of radio channel is highly frequency selective
Displayed name	forceAllFDusersIntoHighMobilityState (General)
Impact	Partial reset (class B)
Type	Boolean

Table 45-11 id

Name	Value
Description	CellL2ULConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 45-12 initialULPathlossEstimate

Name	Value
Default	120
Description	Initial Path loss value assumed upon call setup and handover
Displayed name	initialULPathlossEstimate (General)
Impact	Partial reset (class B)
Maximum	200
Minimum	0
Type	Integer
Units	dB

Table 45-13 maxExtendedSRGrantSize

Name	Value
Default	100
Description	This parameter controls the maximum grant size that can be issued by the uplink scheduler when responding to a SR.
Displayed name	maxExtendedSRGrantSize (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	0
Type	Integer

Table 45-14 maxHARQtx

Name	Value
Default	n5
Description	Defines maximum number of UL transmissions
Displayed name	maxHARQtx (General)
Impact	Partial reset (class B)
Type	MaxHARQtxEnum

Table 45-15 maxNbrULFSUsers

Name	Value
Default	20
Description	Maximum number of users that can be managed by the UL Frequency Selective scheduler
Displayed name	maxNbrULFSUsers (General)
Impact	Partial reset (class B)
Maximum	200
Minimum	0
Type	Integer

Table 45-16 maxNumberOfIterationsAtPreselectionStage

Name	Value
Default	30
Description	Maximum number of iterations allowed at the preselection stage of the UL Dynamic Scheduler.
Displayed name	maxNumberOfIterationsAtPreselectionStage (General)
Impact	Partial reset (class B)
Maximum	200
Minimum	1
Type	Integer

Table 45-17 nbrUserThrFDS

Name	Value
Default	50
Description	Threshold load level in terms of number of active users on the cell for switching the UL scheduler in Frequency Diverse scheduler mode (for all users).
Displayed name	nbrUserThrFDS (General)
Impact	Partial reset (class B)
Maximum	200
Minimum	0
Type	Integer

Table 45-18 nominalMCSforSPSgrantsUL

Name	Value
Default	10
Description	This parameter controls the nominal MCS value used for UL SPS grants. The UL SPS scheduler may use a lower value of MCS if it costs the same amount of PRB as the MCS.
Displayed name	NominalMCSforSPSgrantsUL (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 45-19 periodicBSRtimer

Name	Value
Default	sf5
Description	timer used to trigger periodic transmission of Buffer Status Report MAC control elements, as per 36.321
Displayed name	periodicBSRtimer (General)
Impact	Partial reset (class B)
Type	PeriodicBSRtimerEnum
Units	ms

Table 45-20 periodicPHRtimer

Name	Value
Default	sf200
Description	timer used to trigger periodic transmission of Power Headroom MAC control elements. As per 36.321.
Displayed name	periodicPHRtimer (General)
Impact	Partial reset (class B)
Type	PeriodicPHRtimerEnum
Units	ms

Table 45-21 prohibitPHRtimer

Name	Value
Default	sf0
Description	timer used to prohibit subsequent transmissions of Power Headroom MAC control elements, once a 1st PHR has been sent. As per 36.321.
Displayed name	prohibitPHRtimer (General)
Impact	Partial reset (class B)
Type	ProhibitPHRtimerEnum
Units	ms

Table 45-22 retxBSRtimer

Name	Value
Default	sf320
Description	Value of timer RETX_BSR_TIMER, as per 36.321. The timer is used to prevent deadlock situations whereby the eNodeB waits for a SR and the UE does not trigger a regular BSR.
Displayed name	retxBSRtimer (General)
Impact	Partial reset (class B)
Type	RetxBSRtimerEnum
Units	ms

Table 45-23 sinrBackoffForSRGrant

Name	Value
Default	1
Description	This parameter is used to control the back-off of UL SINR when deciding the MCS used for the UL grant issued in response to a SR, so to improve initial BLER of the transmission.
Displayed name	sinrBackoffForSRGrant (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	0
Step	0.5
Type	Floating point
Units	dB

Table 45-24 sinrThrFSS

Name	Value
Default	5.0
Description	Minimum UL SRS SINR threshold level for allowing a user to be managed by the UL Frequency Selective Scheduler
Displayed name	sinrThrFSS (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	-15
Step	0.1
Type	Floating point
Units	dB

Table 45-25 sPSactivationPHRmarginUI

Name	Value
Default	3.0
Description	This parameter controls the minimum amount of Power Headroom margin required to allow the activation of an uplink SPS grant.
Displayed name	sPSactivationPHRmarginUI (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	0

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Name	Value
Step	0.1
Type	Floating point
Units	dB

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Table 45-26 sPSactivationSINRmarginUL

Name	Value
Default	3.0
Description	This parameter controls the SINR margin used for deciding if an uplink SPS grant can be activated or not.
Displayed name	sPSactivationSINRmarginUL (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 45-27 sRSsinrCorrectionUponSRSDrop

Name	Value
Default	1.0
Description	Decrement applied to SRS SINR metrics used for frequency selective scheduling when SRS transmission is dropped due to a Measurement Gap
Displayed name	sRSsinrCorrectionUponSRSDrop (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 45-28 timeAlignmentTimerCommon

Name	Value
Default	sf2560
Description	Time alignment timer value broadcast on SIB2 and used by the UE as per 36.321.
Displayed name	timeAlignmentTimerCommon (General)
Impact	No reset (class C)
Type	TimeAlignmentTimerEnum
Units	ms

Table 45-29 timeAlignmentTimerDedicated

Name	Value
Default	sf2560
Description	Time alignment timer value sent over dedicated RRC signalling and used by the UE as per 36.321.
Displayed name	timeAlignmentTimerDedicated (General)
Impact	Partial reset (class B)
Type	TimeAlignmentTimerEnum
Units	ms

Table 45-30 ulSchedPropFairAlphaFactor

Name	Value
Decimals	2
Default	0.5
Description	Alpha parameter used in computation of proportional fair metric. Zero corresponds to PF method.
Displayed name	ulSchedPropFairAlphaFactor (General)
Impact	Partial reset (class B)
Maximum	1
Minimum	0
Step	0.5
Type	Floating point

Table 45-31 ulSchedulerMode

Name	Value
Default	FrequencySelectiveAllowed
Description	Define which kind of ul dynamic scheduling mode shall be used in the cell: 1).Frequency selective; 2): Frequency non selective;
Displayed name	ulSchedulerMode (General)
Impact	Partial reset (class B)
Type	UISchedulerModeEnum

Table 45-32 userUplinkClassificationPeriod

Name	Value
Default	500
Description	Parameter controlling the period between elapsed between two evaluation of whether a UE should be considered for UL Frequency Diverse or Frequency Selective scheduling. The lower the period, the higher the CPU load.
Impact	Partial reset (class B)
Maximum	2000
Minimum	20
Type	Integer

46 — CellL2ULConfTDD

Table 46-1 CellL2ULConfTDD parameters

Parameters	
alphaForTNP	puschHoppingType1Pattern
expectedNumberOfUEPerTTIForULRR	puschHoppingTypeConfig
id	puschNumberOfSubbands
lowestTNP	ulBasicSchedulingMode
percentageThresholdForULRR	ulSpeedThresholdBetweenPUSCHNoHoppingAndHopping

Table 46-2 alphaForTNP

Name	Value
Description	an averaging coefficient for TNP measurement. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range. equation is as follows: $\text{measuredTNP}(n) = (1-\alpha) * \text{measuredTNP}(n-1) + \alpha * \text{TNP}(n)$
Displayed name	alphaForTNP (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 46-3 expectedNumberOfUEPerTTIForULRR

Name	Value
Description	Defines the maximal number of UE per TTI due to the limitation of PDCCH number of all of the UL subframes.
Displayed name	expectedNumberOfUEPerTTIForULRR (General)
Impact	Partial reset (class B)
Maximum	32
Minimum	1
Type	Integer
Unset supported	Yes

Table 46-4 id

Name	Value
Description	CellL2ULConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 46-5 lowestTNP

Name	Value
Description	It shall be used to configure the lowest reported TNP over one-PRB bandwidth,Hence the reported value over the whole bandwidth should be $\max(\text{measured value} + 10\log(\text{NbrOfPrbUL}), \text{lowestTNP} + 10\log(\text{NbrOfPrbUL}))$.
Displayed name	lowestTNP (General)
Impact	Partial reset (class B)
Maximum	-60
Minimum	-150
Step	0.1
Type	Floating point
Units	dBm

Table 46-6 percentageThresholdForULRR

Name	Value
Default	0.5
Description	If the nbr of PRBs left has reached this percentage of the average level, those left PRBs can be assigned to the Round-Robin UE (Uplink).
Displayed name	percentageThresholdForULRR (General)
Impact	Partial reset (class B)
Maximum	1
Minimum	0
Step	0.1
Type	Floating point
Unset supported	Yes

Table 46-7 puschHoppingType1Pattern

Name	Value
Default	Half_Of_N_PUSCH_RB
Description	Defines PUSCH hopping pattern for type1, i.e. hopping distance corresponding to hopping information in DCI format 0, See TS 36.213 table 8.4-2 [60, 8.4.2]: 0: +N_PUSCH_RB/4; 1: -N_PUSCH_RB/4; 2: +N_PUSCH_RB/2;
Displayed name	puschHoppingType1Pattern (General)
Impact	Partial reset (class B)
Type	PuschHoppingType1PatternEnum
Unset supported	Yes

Table 46-8 puschHoppingTypeConfig

Name	Value
Default	No_hopping
Description	The parameter to configure pusch hopping type. The following combination of hopping types shall be allowed: No hopping, Hopping type 1 only, Hopping type 2 only, Hopping type 1 and 2(determined dynamically based on UE condition)
Displayed name	puschHoppingTypeConfig (General)
Impact	Partial reset (class B)
Type	PuschHoppingTypeConfigEnum

Table 46-9 puschNumberOfSubbands

Name	Value
Default	1
Description	parameter Nsb in 3GPP TS36.211 [21, 5.3.4], it's only meanfull when pusch hopping type2
Displayed name	puschNumberOfSubbands (General)
Impact	Partial reset (class B)
Maximum	4
Minimum	1
Type	Integer
Unset supported	Yes

Table 46-10 ulBasicSchedulingMode

Name	Value
Default	PF
Description	The UL basic scheduling mode to control user fairness. PF: propotional fair MaxCI: max C/I RR: round robin
Displayed name	ulBasicSchedulingMode (General)
Impact	Partial reset (class B)
Type	BasicSchedulingModeEnum

Table 46-11 ulSpeedThresholdBetweenPUSCHNoHoppingAndHopping

Name	Value
Default	-1
Description	Defines the UL speed threshold for switching from PUSCH no hopping to hopping; '-1' means ignoring this parameter, when puschHoppingTypeConfig is not "no-hopping", then always hopping instead of dependent on speed
Displayed name	ulSpeedThresholdBetweenPUSCHNoHoppingAndHopping (General)
Impact	Partial reset (class B)
Maximum	120
Minimum	-1
Type	Integer
Units	km/hr
Unset supported	Yes

47 – CellMIMOConf

Table 47-1 CellMIMOConf parameters

Parameters	
dlFullCLMimoMode	dlSpeedThresholdBetweenOLMimoAndTxDiv
dlMIMODefaultCodeBook	dlSpeedThresholdForDisablingPMI
dlMimoSinrSwitchAveragingCoefficient	id
dlSinrThresholdBetweenCLMimoAndTxDiv	ulMIMOPHthreshold
dlSinrThresholdBetweenCLMimoTwoLayersAndOneLayer	ulMIMOPRBthreshold
dlSinrThresholdBetweenOLMimoAndTxDiv	ulMIMOULPLDthreshold
dlSpeedThresholdBetweenCLMimoAndTxDiv	ulMIMOULPLDthresholdFlag
dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer	ulMIMOULPLthreshold

Table 47-2 dlFullCLMimoMode

Name	Value
Description	Enable the full closed loop mode (i.e. for Rank 1 & 2). If disabled, the Closed loop Rank 1 is not used BUT TxDiv is used instead
Displayed name	dlFullCLMimoMode (General)
Impact	Partial reset (class B)
Type	Boolean

Table 47-3 dIMIMODefaultCodeBook

Name	Value
Description	Default codebook used by the DL Scheduler when no PMI received yet from the UE
Displayed name	dIMIMODefaultCodeBook (General)
Impact	Partial reset (class B)
Type	dIMIMODefaultCodeBookIndexEnum

Table 47-4 dLMimoSinrSwitchAveragingCoefficient

Name	Value
Description	Forgetting factor for MIMO SNR estimation. Value is divided by 256 and subtracted from 1 to provide a forgetting factor between 0 and 0,996
Displayed name	dLMimoSinrSwitchAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 47-5 dLSinrThresholdBetweenCLMimoAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode in dB
Displayed name	dLSinrThresholdBetweenCLMimoAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10
Type	Floating point
Units	dB

Table 47-6 dLSinrThresholdBetweenCLMimoTwoLayersAndOneLayer

Name	Value
Description	Signal to noise ratio threshold for switching mode between CL MIMO 2 layers & CL MIMO 1 layer in dB
Displayed name	dLSinrThresholdBetweenCLMimoTwoLayersAndOneLayer (General)
Impact	Partial reset (class B)

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Name	Value
Maximum	30
Minimum	-10
Type	Floating point
Units	dB

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Table 47-7 dISinrThresholdBetweenOLMimoAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode in dB
Displayed name	dISinrThresholdBetweenOLMimoAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10
Type	Floating point
Units	dB

Table 47-8 dISpeedThresholdBetweenCLMimoAndTxDiv

Name	Value
Description	Speed threshold for switching mode in km/h
Displayed name	dISpeedThresholdBetweenCLMimoAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	120
Minimum	0
Type	Integer

Table 47-9 dISpeedThresholdBetweenCLMimoTwoLayersAndOneLayer

Name	Value
Description	Speed threshold for switching mode between CL MIMO 2 layers & CL MIMO 1 layer in km/h
Displayed name	dISpeedThresholdBetweenCLMimoTwoLayersAndOneLayer (General)
Impact	Partial reset (class B)
Maximum	120

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Name	Value
Minimum	0
Type	Integer

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Table 47-10 dlSpeedThresholdBetweenOLMimoAndTxDiv

Name	Value
Description	Speed threshold for switching mode in km/h
Displayed name	dlSpeedThresholdBetweenOLMimoAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	120
Minimum	0
Type	Integer

Table 47-11 dlSpeedThresholdForDisablingPMI

Name	Value
Description	Speed threshold to stop using PMI report and backup to PMI shuffling algorithm in km/h
Displayed name	dlSpeedThresholdForDisablingPMI (General)
Impact	Partial reset (class B)
Maximum	120
Minimum	0
Type	Integer

Table 47-12 id

Name	Value
Description	CellMIMOConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 47-13 ulMIMOPHthreshold

Name	Value
Default	0
Description	defines Minimum power headroom to be considered for UL-MU-MIMO scheduling
Displayed name	ulMIMOPHthreshold (General)
Impact	Partial reset (class B)
Maximum	0
Minimum	-150
Step	0.1
Type	Floating point

Table 47-14 ulMIMOPRBthreshold

Name	Value
Default	2
Description	defines minimum nbr of granted PRBs to consider the UE for UL MU MIMO pairing
Displayed name	ulMIMOPRBthreshold (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	2
Type	Integer

Table 47-15 ulMIMOULPLDthreshold

Name	Value
Default	0
Description	defines the UL pathloss difference between candidate users for UL-MU-MIMO scheduling
Displayed name	ulMIMOULPLDthreshold (General)
Impact	Partial reset (class B)
Maximum	300
Minimum	0
Type	Integer
Units	dB

Table 47-16 ulMIMOULPLDthresholdFlag

Name	Value
Default	False
Description	Flag to enable/disable UL MIMO path loss difference threshold.
Displayed name	ulMIMOULPLDthresholdFlag (General)
Impact	Partial reset (class B)
Type	Boolean

Table 47-17 ulMIMOULPLthreshold

Name	Value
Default	0
Description	defines UL path loss threshold for UL MIMO
Displayed name	ulMIMOULPLthreshold (General)
Impact	Partial reset (class B)
Maximum	0
Minimum	-150
Step	0.1
Type	Floating point

48 – CellRachConf

Table 48-1 CellRachConf parameters

Parameters	
cCCHSRB0SubFrameNumber	preambleInitialReceivedTargetPower
contentionFreeRACHenabled	preambleTransMax
highSpeedFlag	preambleTransmitPowerStepSize
id	rABackoff
macContentionResolutionTimer	rACHMessage3MCSIndex
maxHARQmsg3Tx	rACHMessage3NumberOfPRBs
maximumNumberOfDLTransmissionsRACHMessage4	rACHMessage3StartingPRBIndex
maxRACHTransmitPower	rachMsg2ForceMCsmin
minRACHTransmitPower	rachMsg2numberOfRB
numberOfRAPreambles	rachMsg2StartRB
prachConfigurationIndex	rachMsg4ForceMCsmin
pRACHDetectFalseAlarmProb	raResponseWindowSize
prachFrequencyOffset	rootSequenceIndex
pRACHpowerSetting	tPCRACHMsg3
pRACHPreambleDetectorThreshold	zeroCorrelationZoneConfig

Table 48-2 cCCHSRB0SubFrameNumber

Name	Value
Default	8
Description	Sub-frame number to be used for the SRB0
Displayed name	cCCHSRB0SubFrameNumber (General)
Impact	Partial reset (class B)

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Name	Value
Maximum	9
Minimum	0
Type	Integer

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Table 48-3 contentionFreeRACHenabled

Name	Value
Default	True
Description	Flag to enable contention free RACH on the cell associated to this profile.
Displayed name	contentionFreeRACHenabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 48-4 highSpeedFlag

Name	Value
Default	False
Description	Defines the RACH related high speed flag which is broadcast on the SIB. See TS 36.211, 5.7.2.TRUE corresponds to Restricted set and FALSE to Unrestricted set
Displayed name	highSpeedFlag (General)
Impact	Partial reset (class B)
Type	Boolean

Table 48-5 id

Name	Value
Description	CellRachConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 48-6 macContentionResolutionTimer

Name	Value
Default	sf64
Description	Defines value of MAC contention resolution timer, as per 36.321.
Displayed name	macContentionResolutionTimer (General)
Impact	No reset (class C)
Type	MacContentionResolutionTimerEnum

Table 48-7 maxHARQmsg3Tx

Name	Value
Default	3
Description	Defines maximum number of UL transmissions for RACH message 3
Displayed name	maxHARQmsg3Tx (General)
Impact	Partial reset (class B)
Maximum	8
Minimum	1
Type	Integer

Table 48-8 maximumNumberOfDLTransmissionsRACHMessage4

Name	Value
Default	8
Description	Maximum of HARQ transmissions attempts for RACH Message 4
Displayed name	maximumNumberOfDLTransmissionsRACHMessage4 (General)
Impact	Partial reset (class B)
Maximum	8
Minimum	1
Type	Integer

Table 48-9 maxRACHTransmitPower

Name	Value
Default	23.0
Description	defines maximum RACH preamble transmit power parameter. Ranges [-60, 30] dBm with step 0.5 (10MHz,48RB).

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Name	Value
Displayed name	maxRACHTransmitPower (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-60
Step	0.5
Type	Floating point
Units	dBm

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Table 48-10 minRACHTransmitPower

Name	Value
Default	-60.0
Description	defines minimum RACH preamble transmit power parameter. Ranges [-60, 30] dBm with step 0.5 (10MHz,48RB).
Displayed name	minRACHTransmitPower (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-60
Step	0.5
Type	Floating point
Units	dBm

Table 48-11 numberOfRAPreambles

Name	Value
Default	56
Description	Number of RA preambles per cell. Values supported in LA1.0 are {56, 60, 64}.
Displayed name	numberOfRAPreambles (General)
Impact	Partial reset (class B)
Maximum	64
Minimum	56
Step	4
Type	Integer

Table 48-12 prachConfigurationIndex

Name	Value
Description	Defines PRACH configuration index. For FDD, see TS 36.211 [21, 5.7.1: table 5.7.1-1 and 5.7.1-2] (providing mapping of Preamble format and PRACH configuration to PRACH Configuration Index).
Displayed name	prachConfigurationIndex (General)
Impact	Partial reset (class B)
Maximum	63
Minimum	0
Type	Integer

Table 48-13 pRACHDetectFalseAlarmProb

Name	Value
Default	0dot1
Description	This parameter specifies the false alarm probability for PRACH preamble detection.
Displayed name	pRACHDetectFalseAlarmProb (General)
Impact	Partial reset (class B)
Type	ProbOfFalseAlarmEnum
Units	%

Table 48-14 prachFrequencyOffset

Name	Value
Default	3
Description	Defines the frequency offset for PRACH transmission.
Displayed name	prachFrequencyOffset (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer
Units	PRB

Table 48-15 pRACHpowerSetting

Name	Value
Description	Defines the RACH Power Setting broadcast on the SIB.
Displayed name	pRACHpowerSetting (General)
Impact	Partial reset (class B)
Maximum	-90
Minimum	-120
Step	2
Type	Integer
Units	dBm

Table 48-16 pRACHPreambleDetectorThreshold

Name	Value
Default	32768
Description	PRACH Preamble Detector Threshold
Displayed name	pRACHPreambleDetectorThreshold (General)
Impact	Partial reset (class B)
Maximum	65535
Minimum	0
Type	Integer

Table 48-17 preambleInitialReceivedTargetPower

Name	Value
Default	dBm_104
Description	defines initial preamble transmit power parameter. Ranges [-120, -90] dB with granularity of 2dB
Displayed name	preambleInitialReceivedTargetPower (General)
Impact	No reset (class C)
Type	PreambleInitialReceivedTargetPowerEnum

Table 48-18 preambleTransMax

Name	Value
Default	n3
Description	PREAMBLE_TRANS_MAX as per 36.321. Once the threshold has been reached, the UE MAC layer reports to RRC that there is a Random Access Problem.
Displayed name	preambleTransMax (General)
Impact	No reset (class C)
Type	PreambleTransMaxEnum

Table 48-19 preambleTransmitPowerStepSize

Name	Value
Default	dB6
Description	defines preamble transmit power step size. Ranges [0,2,4,6] dB.
Displayed name	preambleTransmitPowerStepSize (General)
Impact	No reset (class C)
Type	RACHpreambleTxPowerStepSizeEnum

Table 48-20 rABackoff

Name	Value
Default	6
Description	defines RA backoff parameter
Displayed name	rABackoff (General)
Impact	No reset (class C)
Maximum	12
Minimum	0
Type	Integer

Table 48-21 rACHMessage3MCSIndex

Name	Value
Default	3
Description	MCS index for RACH message 3. MCS index is in TS36.213, Table 8.6.1.1. Supported range is 0 to 3.
Displayed name	rACHMessage3MCSIndex (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Maximum	4
Minimum	0
Type	Integer

(2 of 2)

Table 48-22 rACHMessage3NumberOfPRBs

Name	Value
Default	2
Description	Number of PRBs for RACH message 3
Displayed name	rACHMessage3NumberOfPRBs (General)
Impact	Partial reset (class B)
Maximum	2
Minimum	1
Type	Integer

Table 48-23 rACHMessage3StartingPRBIndex

Name	Value
Default	2
Description	Starting PRB index for RACH message 3 Area
Displayed name	rACHMessage3StartingPRBIndex (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 48-24 rachMsg2ForceMCSmin

Name	Value
Default	-1
Description	This parameter optionally forces the minimum MCS used for RACH Message 2 transmission to a specific value, to allow better or lower protection than the one automatically selected. QPSK modulation mandatory, and the range is 0-9. Use a value -1 to have AUTO mode.
Displayed name	rachMsg2ForceMCSmin (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Maximum	9
Minimum	-1
Type	Integer

(2 of 2)

Table 48-25 rachMsg2numberOfRB

Name	Value
Default	3
Description	This parameter sets the minimum number of RBs allocated to RACH Message 2 in the sub-frame.
Displayed name	rachMsg2numberOfRB (General)
Impact	Partial reset (class B)
Maximum	9
Minimum	1
Type	Integer

Table 48-26 rachMsg2StartRB

Name	Value
Description	This parameter sets the position of the first RB allocated to RACH Message 2 in the sub-frame.
Displayed name	rachMsg2StartRB (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	0
Type	Integer

Table 48-27 rachMsg4ForceMCSmin

Name	Value
Default	-1
Description	This parameter optionally forces the minimum MCS used for RACH Message 4 transmission to a specific value, to allow better or lower protection than the one automatically selected. QPSK modulation mandatory, and the range is 0-9. Use a value -1 to have AUTO mode.
Displayed name	rachMsg4ForceMCSmin (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Maximum	9
Minimum	-1
Type	Integer

(2 of 2)

Table 48-28 raResponseWindowSize

Name	Value
Default	sf3
Description	Defines RA response size, as per 36.321
Displayed name	raResponseWindowSize (General)
Impact	Partial reset (class B)
Type	RAresponseWindowSizeEnum

Table 48-29 rootSequenceIndex

Name	Value
Default	1
Description	Defines parameter Root-sequence-index, see TS 36.211, table 5.7.2-4 and 5.7.2-5
Displayed name	rootSequenceIndex (General)
Impact	Partial reset (class B)
Maximum	837
Minimum	0
Type	Integer

Table 48-30 tPCRACHMsg3

Name	Value
Default	4dB
Description	defines power offset between RACH message 1 and message 3. Supports [-6,-4,-2, 0,2,4,6,8] dB in LA1.0. The TPCcommand is sent in the Random Access Response (RAR) as per section 6.2 of 36.213.
Displayed name	tPCRACHMsg3 (General)
Impact	Partial reset (class B)
Type	TPCRACHMsg3Enum
Units	dB

Table 48-31 zeroCorrelationZoneConfig

Name	Value
Default	9
Description	Defines N_CS configuration, see TS 36.211, [21, 5.7.2: table 5.7.2-2]
Displayed name	zeroCorrelationZoneConfig (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

49 – CellRachConfFDD

Table 49-1 CellRachConfFDD parameters

Parameters	
id maxHARQmsg3Tx prachConfigurationIndex	rACHMessage3NumberOfPRBs rachPeriodicity

Table 49-2 id

Name	Value
Description	CellRachConfFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 49-3 maxHARQmsg3Tx

Name	Value
Default	3
Description	Defines maximum number of UL transmissions for RACH message 3

(1 of 2)

Name	Value
Displayed name	maxHARQmsg3Tx (General)
Impact	Partial reset (class B)
Maximum	8
Minimum	1
Type	Integer

(2 of 2)

Table 49-4 prachConfigurationIndex

Name	Value
Default	3
Description	Defines PRACH configuration index. For FDD, see TS 36.211 [21, 5.7.1: table 5.7.1-1 and 5.7.1-2] (providing mapping of Preamble format and PRACH configuration to PRACH Configuration Index).
Displayed name	prachConfigurationIndex (General)
Impact	Partial reset (class B)
Maximum	63
Minimum	0
Type	Integer

Table 49-5 rACHMessage3NumberOfPRBs

Name	Value
Default	2
Description	Number of PRBs for RACH message 3
Displayed name	rACHMessage3NumberOfPRBs (General)
Impact	Partial reset (class B)
Maximum	4
Minimum	1
Type	Integer

Table 49-6 rachPeriodicity

Name	Value
Description	This parameter specifies the RACH Message 1 periodicity. For most system bandwidths, a periodicity of either 10ms or 20ms is supported. However, for the 1.4MHz bandwidth, only the 20ms value is supported.
Displayed name	rachPeriodicity (General)
Impact	Partial reset (class B)
Type	RachPeriodicityEnum

50 – CellRachConfTDD

Table 50-1 CellRachConfTDD parameters

Parameters	
adaptiveMsg3PowerControlEnable id maxHARQmsg3Tx pdcchOrderTransMax pRACHAntennaConfig	pRACHAntennaMode prachConfigurationIndex rachMessage3NumberOfPRBs receptionOfMsg1Timer receptionOfMsg3Timer

Table 50-2 adaptiveMsg3PowerControlEnable

Name	Value
Default	False
Description	Defines whether adaptive power control(based on power measurement) for Msg3 is enabled or not. If it is enabled, targetSINRforMsg3 and the measured SINR of PRACH are used to calculate the TPC command in RAR; else tPCRACHMsg3 is sent to UE in RAR directly.
Displayed name	adaptiveMsg3PowerControlEnable (General)
Impact	Partial reset (class B)
Type	Boolean

Table 50-3 id

Name	Value
Description	CellRachConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 50-4 maxHARQmsg3Tx

Name	Value
Default	4
Description	Defines maximum number of UL transmissions for RACH message 3
Displayed name	maxHARQmsg3Tx (General)
Impact	Partial reset (class B)
Maximum	4
Minimum	1
Type	Integer

Table 50-5 pdcchOrderTransMax

Name	Value
Default	4
Description	The maximum number of transmission for PDCCH order
Displayed name	pdccchOrderTransMax (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	1
Type	Integer

Table 50-6 pRACHAntennaConfig

Name	Value
Default	00112233
Description	This parameter configures the PRACH antenna. The characters of Hexstring indicate if the antenna is used or not when pRACHAntennaMode = 1, indicate which group the antenna is in when pRACHAntennaMode = 0. There is 4 groups, group0, group1, group2, group3. The antenna order of the Hexstring is antenna0, antenna1...antenna7 from most significant to least significant. The parameter is available if 8 antenna RRH supported. Value of the characters: 0-means the antenna is in group0 if pRACHAntennaMode = 0; means the antenna is not used if pRACHAntennaMode = 1. 1-means the antenna is in group1 if pRACHAntennaMode = 0; means the antenna is used if pRACHAntennaMode=1. 2-means the antenna is in group2, only for pRACHAntennaMode = 0. 3-means the antenna is in group3, only for pRACHAntennaMode = 0. Default value 00112233 for pRACHAntennaMode = 0. Default value 10011001 for pRACHAntennaMode = 1.
Displayed name	pRACHAntennaConfig (General)
Impact	Partial reset (class B)
Maximum	8
Minimum	8
Type	String
Unset supported	Yes

Table 50-7 pRACHAntennaMode

Name	Value
Default	a0
Description	This parameter selects the PRACH antenna mode. It determines whether the Rx 4 antenna is selected from Rx 8 antenna or the Rx 4 groups combined from Rx 8 antenna. It is available if 8 antenna RRH supported. Enumerate values: - a0 - means Rx 4 groups combined from Rx 8 antenna; - a1- means Rx 4 antenna selected from Rx 8 antenna. The default value is a0.
Displayed name	pRACHAntennaMode (General)
Impact	Partial reset (class B)
Type	PRACHAntennaModeEnum
Unset supported	Yes

Table 50-8 prachConfigurationIndex

Name	Value
Default	3
Description	Defines PRACH configuration index. For TDD, see TS 36.211 [21, 5.7.1: table 5.7.1-1 and 5.7.1-2] (providing mapping of Preamble format and PRACH configuration to PRACH Configuration Index).

(1 of 2)

Name	Value
Displayed name	prachConfigurationIndex (General)
Impact	Partial reset (class B)
Maximum	57
Minimum	0
Type	Integer

(2 of 2)

Table 50-9 rACHMessage3NumberOfPRBs

Name	Value
Default	3
Description	Number of PRBs for RACH message 3
Displayed name	rACHMessage3NumberOfPRBs (General)
Impact	Partial reset (class B)
Maximum	4
Minimum	1
Type	Integer

Table 50-10 receptionOfMsg1Timer

Name	Value
Default	30
Description	a timer of eNodeB waiting for msg1 after transmission of PDCCH order(msg 0).
Displayed name	receptionOfMsg1Timer (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	10
Type	Integer
Units	ms

Table 50-11 receptionOfMsg3Timer

Name	Value
Default	20
Description	This parameter specifies the maximum time for which the eNodeB shall wait for msg3, It's used for random access during UL- non synchronized.

(1 of 2)

Name	Value
Displayed name	receptionOfMsg3Timer (General)
Impact	Partial reset (class B)
Type	Integer
Units	ms

(2 of 2)

51 – CellReselectionConf1xRtt

Table 51-1 CellReselectionConf1xRtt parameters

Parameters	
cellReselectionPriority id	threshXHigh threshXLow

Table 51-2 cellReselectionPriority

Name	Value
Description	This parameter is the absolute priority of the concerned CDMA2000 (1xRTT) bandclass (0 means lowest priority). See 3GPP 36.331.
Displayed name	cellReselectionPriority (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 51-3 id

Name	Value
Description	CellReselectionConf1xRtt identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

Table 51-4 threshXHigh

Name	Value
Description	This parameter (corresponds to threshX-High in 36.331) is the high threshold used in reselection towards this CDMA2000 (1xRTT) band class expressed as an unsigned binary number equal to FLOOR $(-2 \times 10 \times \log_{10} E_c/I_o)$ in units of 0.5 dB. The actual value used by UE is IE / (-2). See TS36.331.
Displayed name	threshXHigh (General)
Impact	No reset (class C)
Maximum	0
Minimum	-31.5
Step	0.5
Type	Floating point
Units	dB

Table 51-5 threshXLow

Name	Value
Description	This parameter (corresponds to threshX-High in 36.331) is the low threshold used in reselection towards this CDMA2000 (1xRTT) band class expressed as an unsigned binary number equal to FLOOR $(-2 \times 10 \times \log_{10} E_c/I_o)$ in units of 0.5 dB (encoding of this is done through enumeration). The actual value used by UE is IE / (-2). See TS36.331.
Displayed name	threshXLow (General)
Impact	No reset (class C)
Maximum	0
Minimum	-31.5
Step	0.5
Type	Floating point
Units	dB

52 – CellReselectionConfGERAN

Table 52-1 CellReselectionConfGERAN parameters

Parameters	
cellReselectionPriority id nccPermitted pMaxGeran	qRxlevmin threshXHigh threshXLow

Table 52-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) to GERAN Defined in TS 36.331 Broadcast in SystemInformationBlockType7
Displayed name	cellReselectionPriority (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 52-3 id

Name	Value
Description	CellReselectionConfGERAN identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 52-4 nccPermitted

Name	Value
Default	11111111
Description	This parameter configures the IE ncc-Permitted included in IE SystemInformationBlockType7
Displayed name	nccPermitted (General)
Impact	No reset (class C)
Maximum	8
Minimum	8
Type	String

Table 52-5 pMaxGeran

Name	Value
Description	This parameter configures the IE p-MaxGERAN included in IE SystemInformationBlockType7
Displayed name	pMaxGeran (General)
Impact	No reset (class C)
Maximum	39
Minimum	0
Type	Integer
Units	dBm
Unset supported	Yes

Table 52-6 qRxlevmin

Name	Value
Description	This parameter configures the IE q-RxLevMin included in IE SystemInformationBlockType7. The value sent over the RRC interface is computed by adding 115 to the configured value and dividing by 2 (the UE performs the opposite computation, i.e. $IE\ value * 2 - 115$).
Displayed name	qRxlevmin (General)
Impact	No reset (class C)
Maximum	-25
Minimum	-115
Step	2
Type	Integer
Units	dBm

Table 52-7 threshXHigh

Name	Value
Description	This parameter configures the IE threshX-High included in IE SystemInformationBlockType7.
Displayed name	threshXHigh (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Type	Integer
Units	dB

Table 52-8 threshXLow

Name	Value
Description	This parameter configures the IE threshX-Low included in IE SystemInformationBlockType7.
Displayed name	threshXLow (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Type	Integer
Units	dB

53 – CellReselectionConfHrpd

Table 53-1 CellReselectionConfHrpd parameters

Parameters	
cellReselectionPriority id	threshXHigh threshXLow

Table 53-2 cellReselectionPriority

Name	Value
Description	This parameter is the absolute priority of the concerned CDMA2000 bandclass (0 means lowest priority). See 3GPP 36.331.
Displayed name	cellReselectionPriority (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 53-3 id

Name	Value
Description	CellReselectionConfHrpd identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

Table 53-4 threshXHigh

Name	Value
Description	This parameter (corresponds to threshX-High in 36.331) is the high threshold used in reselection towards this CDMA2000 band class expressed as an unsigned binary number equal to FLOOR $(-2 \times 10 \times \log_{10} E_c / I_o)$ in units of 0.5 dB. The actual value used by UE is IE / (-2). See TS36.331.
Displayed name	threshXHigh (General)
Impact	No reset (class C)
Maximum	0
Minimum	-31.5
Step	0.5
Type	Floating point
Units	dB

Table 53-5 threshXLow

Name	Value
Description	This parameter (corresponds to threshX-High in 36.331) is the low threshold used in reselection towards this CDMA2000 band class expressed as an unsigned binary number equal to FLOOR $(-2 \times 10 \times \log_{10} E_c / I_o)$ in units of 0.5 dB (encoding of this is done through enumeration). The actual value used by UE is IE / (-2). See TS36.331.
Displayed name	threshXLow (General)
Impact	No reset (class C)
Maximum	0
Minimum	-31.5
Step	0.5
Type	Floating point
Units	dB

54 – CellReselectionConfInterFreq

Table 54-1 CellReselectionConfInterFreq parameters

Parameters	
cellReselectionPriority id offsetFreq qRxLevMin	threshXHigh threshXLow tReselectionEUTRAN

Table 54-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) Defined in TS 36.331 Broadcast in SystemInformationBlockType5
Displayed name	cellReselectionPriority (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 54-3 id

Name	Value
Description	CellReselectionConfInterFreq identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 54-4 offsetFreq

Name	Value
Default	dB0
Description	3GPP 36.331. This parameter configures the RRC IE q-OffsetFreq included in the SIB5. Offset value applicable to the carrier frequency.
Displayed name	offsetFreq (General)
Impact	No reset (class C)
Type	OffsetFreqEUTRAEnum
Units	dB

Table 54-5 qRxLevMin

Name	Value
Description	3GPP 36.331 This parameter configures the min required RSRP level used by the UE in cell reselection on the frequency Carrier. The value sent over the RRC interface is half the value configured (the UE then multiplies the received value by 2) Broadcast in SystemInformationBlockType1
Displayed name	qRxLevMin (General)
Impact	No reset (class C)
Maximum	-44
Minimum	-140
Step	2
Type	Integer
Units	dBm

Table 54-6 threshXHigh

Name	Value
Description	3GPP 36.331 This parameter configures the IE threshX-High included in IE SystemInformationBlockType5
Displayed name	threshXHigh (General)
Impact	No reset (class C)
Maximum	31
Minimum	0
Type	Integer
Units	dB

Table 54-7 threshXLow

Name	Value
Description	3GPP 36.331 This parameter configures the IE threshX-Low included in IE SystemInformationBlockType5
Displayed name	threshXLow (General)
Impact	No reset (class C)
Maximum	31
Minimum	0
Type	Integer
Units	dB

Table 54-8 tReselectionEUTRAN

Name	Value
Description	This parameter specifies the value of the cell reselection UE timer in the cell on the indicated EUTRAN frequency Defined in TS 36.331 Broadcast in SystemInformationBlockType 5
Displayed name	tReselectionEUTRAN (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer
Units	s

55 – CellReselectionConfLte

Table 55-1 CellReselectionConfLte parameters

Parameters	
cellReselectionPriority id pMax qQualMin qRxLevMin	threshXHigh threshXHighQ threshXLow threshXLowQ tReselectionEUTRAN

Table 55-2 cellReselectionPriority

Name	Value
Default	0
Description	This parameter defines the relative priority for cell reselection (0 means lowest priority). See TS 36.331. Broadcast in SystemInformationBlockType3 for the intra-frequency neighborhood or in SystemInformationBlockType5 for inter-frequency neighborhood.
Displayed name	cellReselectionPriority (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 55-3 id

Name	Value
Description	CellReselectionConfLte identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 55-4 pMax

Name	Value
Default	0
Description	This parameter specifies the maximum UL power level allowed to be transmitted for neighbor cell reselection, including intra frequency. The parameter corresponds to P_EMAX in TS 36.101.
Displayed name	pMax (General)
Impact	No reset (class C)
Maximum	33
Minimum	-30
Type	Integer
Units	dBm
Unset supported	Yes

Table 55-5 qQualMin

Name	Value
Description	This parameter configures the serving cell min required RSRQ level used by the UE in cell reselection. See 3GPP 36.331. Broadcast in SystemInformationBlockType3 or SystemInformationBlockType5.
Displayed name	qQualMin (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-34
Type	Integer
Units	dB
Unset supported	Yes

Table 55-6 qRxLevMin

Name	Value
Default	-70
Description	This parameter configures the min required RSRP level used by the UE in cell reselection on the frequency Carrier. The value sent over the RRC interface is half the value configured. The UE then multiplies the received value by 2. Broadcast in SystemInformationBlockType3 or 5. See TS 3GPP 36.331.
Displayed name	qRxLevMin (General)
Impact	No reset (class C)
Maximum	-44
Minimum	-140
Step	2
Type	Integer
Units	dBm

Table 55-7 threshXHigh

Name	Value
Default	20
Description	This parameter configures: - the IE s-IntraSearch for intrafrequency included in IE SystemInformationBlockType4 for intra-frequency, and, - the IE threshX-High included in IE SystemInformationBlockType5 for inter-frequency. See 3GPP 36.331.
Displayed name	threshXHigh (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Type	Integer
Units	dB

Table 55-8 threshXHighQ

Name	Value
Description	This parameter configures the IE threshX-HighQ included in IE SystemInformationBlockType5 for inter-frequency reselection. See 3GPP 36.331.
Displayed name	threshXHighQ (General)
Impact	No reset (class C)
Maximum	31
Minimum	0
Type	Integer

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Name	Value
Units	dB
Unset supported	Yes

(2 of 2)

Table 55-9 threshXLow

Name	Value
Default	0
Description	This parameter configures: - the IE threshServingLow included in IE SystemInformationBlockType4 for intra-frequency, and, - the IE threshX-Low included in IE SystemInformationBlockType5 for inter-frequency. See 3GPP 36.331.
Displayed name	threshXLow (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Type	Integer
Units	dB

Table 55-10 threshXLowQ

Name	Value
Description	This parameter configures the IE threshX-LowQ included in IE SystemInformationBlockType5 for inter-frequency reselection. See 3GPP 36.331.
Displayed name	threshXLowQ (General)
Impact	No reset (class C)
Maximum	31
Minimum	0
Type	Integer
Units	dB
Unset supported	Yes

Table 55-11 tReselectionEUTRAN

Name	Value
Default	2
Description	This parameter specifies the value of the cell reselection UE timer in the cell on the indicated EUTRAN frequency. See TS 36.331. Broadcast in SystemInformationBlockType 5.

(1 of 2)

Name	Value
Displayed name	tReselectionEUTRAN (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer
Units	s

(2 of 2)

56 — CellReselectionConfUtraFdd

Table 56-1 CellReselectionConfUtraFdd parameters

Parameters	
cellReselectionPriority id pMaxUTRA qQualMin qRxLevMin	threshXHigh threshXHighQ threshXLow threshXLowQ

Table 56-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) to UTRA FDD Defined in TS 36.331 Broadcast in SystemInformationBlockType6
Displayed name	cellReselectionPriority (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 56-3 id

Name	Value
Description	CellReselectionConfUtraFdd identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 56-4 pMaxUTRA

Name	Value
Description	TS36.331: this parameter configures the p-MaxUTRA included in the IE SystemInformationBlockType6
Displayed name	pMaxUTRA (General)
Impact	No reset (class C)
Maximum	33
Minimum	-50
Type	Integer
Units	dBm

Table 56-5 qQualMin

Name	Value
Description	TS36.331: this parameter configures the q-QualMin included in the IE SystemInformationBlockType6
Displayed name	qQualMin (General)
Impact	No reset (class C)
Maximum	0
Minimum	-24
Type	Integer
Units	dB

Table 56-6 qRxLevMin

Name	Value
Description	TS36.331: this parameter configures the q-RxLevMin included in the IE SystemInformationBlockType6 The value sent over the RRC interface is computed by subtracting 1 to the configured value and dividing by 2 (the UE performs the opposite computation, i.e. IE vale * 2 + 1)
Displayed name	qRxLevMin (General)
Impact	No reset (class C)
Maximum	-25
Minimum	-119
Step	2
Type	Integer
Units	dBm

Table 56-7 threshXHigh

Name	Value
Description	TS36.331: this parameter configures the threshX-High included in the IE SystemInformationBlockType6
Displayed name	threshXHigh (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Type	Integer
Units	dB

Table 56-8 threshXHighQ

Name	Value
Description	This parameter configures the IE threshX-HighQ included in IE SystemInformationBlockType6 for reselection to UTRAN. See 3GPP 36.331.
Displayed name	threshXHighQ (General)
Impact	No reset (class C)
Maximum	31
Minimum	0
Type	Integer
Units	dB
Unset supported	Yes

Table 56-9 threshXLow

Name	Value
Description	TS36.331: this parameter configures the threshX-Low included in the IE SystemInformationBlockType6
Displayed name	threshXLow (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Type	Integer
Units	dB

Table 56-10 threshXLowQ

Name	Value
Description	This parameter configures the IE threshX-LowQ included in IE SystemInformationBlockType6 for reselection to UTRAN. See 3GPP 36.331.
Displayed name	threshXLowQ (General)
Impact	No reset (class C)
Maximum	31
Minimum	0
Type	Integer
Units	dB
Unset supported	Yes

57 – CellReselectionConfUtraTdd

Table 57-1 CellReselectionConfUtraTdd parameters

Parameters	
cellReselectionPriority id pMaxUTRA	qRxLevMin threshXHigh threshXLow

Table 57-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) to UTRA TDD Defined in TS 36.331 Broadcast in SystemInformationBlockType6
Displayed name	cellReselectionPriority (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 57-3 id

Name	Value
Description	CellReselectionConfUtraTdd identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 57-4 pMaxUTRA

Name	Value
Description	TS36.331: this parameter configures the p-MaxUTRA included in SystemInformationBlockType6
Displayed name	pMaxUTRA (General)
Impact	No reset (class C)
Maximum	33
Minimum	-50
Type	Integer
Units	dBm

Table 57-5 qRxLevMin

Name	Value
Description	TS36.331: this parameter configures the q-RxLevMin included in SystemInformationBlockType6
Displayed name	qRxLevMin (General)
Impact	No reset (class C)
Maximum	-13
Minimum	-119
Step	1
Type	Integer
Units	dBm

Table 57-6 threshXHigh

Name	Value
Description	TS36.331: this parameter configures the threshX-High included in SystemInformationBlockType6
Displayed name	threshXHigh (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Type	Integer
Units	dB

Table 57-7 threshXLow

Name	Value
Description	TS36.331: this parameter configures the threshX-Low included in SystemInformationBlockType6
Displayed name	threshXLow (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Type	Integer
Units	dB

58 – CellReservation

Table 58-1 CellReservation parameters

Parameters	
cellReservedForOperatorUse id	plmnId

Table 58-2 cellReservedForOperatorUse

Name	Value
Default	NotReserved
Description	This parameter indicates whether the cell is reserved for operator use. One flag is defined for each operator sharing the cell. Refer to TS 36.304 for more details. It is defined in TS 36.331 and broadcast in SystemInformationBlockType1.
Displayed name	cellReservedForOperatorUse (General)
Impact	No reset (class C)
Type	CellReservationEnum

Table 58-3 id

Name	Value
Description	CellReservation identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

(2 of 2)

Table 58-4 plmnId

Name	Value
Description	This parameter refers to the instance of PlmnIdentity object that defines MCC and MNC of the concerned PLMN.
Impact	No reset (class C)
Type	String

59 – CellSelectionReselectionConf

Table 59-1 CellSelectionReselectionConf parameters

Parameters	
cellReselectionPriority	sIntraSearch
id	sIntraSearchP
intraFrequencyReselection	sIntraSearchQ
measurementBandwidth	sNonIntraSearch
pMax	sNonIntraSearchP
qHyst	sNonIntraSearchQ
qQualMin	threshServingLow
qQualMinOffset	threshServingLowQ
qRxLevMin	tReselectionEUTRAN
qRxLevMinIntraFreqNeighbour	tReselectionUtra
qRxlevminoffset	

Table 59-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) Defined in TS 36.331 Broadcast in SystemInformationBlockType3
Displayed name	cellReselectionPriority (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 59-3 id

Name	Value
Description	CellSelectionReselectionConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 59-4 intraFrequencyReselection

Name	Value
Default	allowed
Description	This parameter indicates whether intra-frequency cell reselection is allowed when the cell is barred Defined in TS 36.331 Broadcast in SystemInformationBlockType1
Displayed name	intraFrequencyReselection (General)
Impact	No reset (class C)
Type	IntraFrequencyReselectionEnum

Table 59-5 measurementBandwidth

Name	Value
Description	Expressed in number of resource blocks Also referred to as Transmission Bandwidth Configuration NRB in TS 36.101 Defined in TS 36.331 Broadcast in SystemInformationBlockType3
Displayed name	measurementBandwidth (General)
Impact	No reset (class C)
Type	MeasurementBandwidthEnum

Table 59-6 pMax

Name	Value
Default	0
Description	Defines the max UL power level allowed to be transmitted to the local cell at selection time. Corresponds to P_EMAX in 36.101
Displayed name	pMax (General)
Impact	Partial reset (class B)

(1 of 2)

Name	Value
Maximum	33
Minimum	-30
Type	Integer
Units	dBm
Unset supported	Yes

(2 of 2)

Table 59-7 qHyst

Name	Value
Default	dB4
Description	This parameter configures the hysteresis value of the serving cell used by the UE for ranking criteria in cell reselection Defined in TS 36.331 Broadcast in SystemInformationBlockType3
Displayed name	qHyst (General)
Impact	No reset (class C)
Type	QHystEnum
Units	dB

Table 59-8 qQualMin

Name	Value
Description	This parameter configures the serving cell min required RSRQ level used by the UE in cell reselection. See 3GPP 36.331. Broadcast in SystemInformationBlockType1.
Displayed name	qQualMin (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-34
Type	Integer
Units	dB
Unset supported	Yes

Table 59-9 qQualMinOffset

Name	Value
Description	This parameter specifies an offset to be applied in cell selection criteria by the UE when it is engaged in a periodic search for a higher priority PLMN. Defined in TS 36.331. Broadcast in SystemInformationBlockType1.
Displayed name	qQualMinOffset (General)
Impact	No reset (class C)
Maximum	8
Minimum	1
Type	Integer
Units	dB
Unset supported	Yes

Table 59-10 qRxLevMin

Name	Value
Default	-50
Description	3GPP 36.331 This parameter configures the serving cell min required RSRP level used by the UE in cell reselection The value sent over the RRC interface is half the value configured (the UE then multiplies the received value by 2) Broadcast in SystemInformationBlockType1
Displayed name	qRxLevMin (General)
Impact	No reset (class C)
Maximum	-22
Minimum	-140
Step	2
Type	Integer
Units	dBm

Table 59-11 qRxLevMinIntraFreqNeighbour

Name	Value
Description	This parameter specifies the minimum required RSRP level used by the UE for the intra-frequency neighbouring E-UTRA cells The value sent over the RRC interface is half the value configured (the UE then multiplies the received value by 2) Defined in TS36.331 and TS36.304 Broadcast in SystemInformationBlockType3
Displayed name	qRxLevMinIntraFreqNeighbour (General)
Impact	No reset (class C)
Maximum	-22
Minimum	-140

(1 of 2)

Name	Value
Step	2
Type	Integer
Units	dBm

(2 of 2)

Table 59-12 qRxlevminoffset

Name	Value
Default	2
Description	This parameter defines an offset to be applied in cell selection criteria by the UE when it is engaged in a periodic search for a higher priority PLMN. The value sent over the RRC interface is half the value configured (the UE then multiplies the received value by 2). Defined in TS 36.331 Broadcast in SystemInformationBlockType1
Displayed name	qRxlevminoffset (General)
Impact	No reset (class C)
Maximum	16
Minimum	1
Step	2
Type	Integer
Units	dB
Unset supported	Yes

Table 59-13 sIntraSearch

Name	Value
Default	10
Description	Threshold for serving cell reception level under which the UE shall trigger intra-frequency measurements for cell reselection (the actual value the UE will use is twice the configured value). For more details consult TS36.304. The value sent over the RRC interface is half the value configured (the UE then multiplies the received value by 2). Defined in TS 36.331 Broadcast in SystemInformationBlockType3
Displayed name	sIntraSearch (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Step	2
Type	Integer

(1 of 2)

Name	Value
Units	dB
Unset supported	Yes

(2 of 2)

Table 59-14 sIntraSearchP

Name	Value
Description	This parameter specifies the threshold for the serving cell reception level, below which the UE triggers intra-frequency measurements for cell reselection. If the field is not present, the UE applies the (default) value of infinity. The value sent over the RRC interface is half the value configured and the UE then multiplies the received value by 2. See TS 36.304 and TS 36.331. Broadcast in SystemInformationBlockType3.
Displayed name	sIntraSearchP (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Step	2
Type	Integer
Units	dB
Unset supported	Yes

Table 59-15 sIntraSearchQ

Name	Value
Description	This parameter specifies the threshold for the serving cell reception quality, below which the UE triggers intra-frequency measurements for cell reselection. If the field is not present, the UE applies the (default) value of 0 dB. Broadcast in SystemInformationBlockType3.
Displayed name	sIntraSearchQ (General)
Impact	No reset (class C)
Maximum	31
Minimum	0
Type	Integer
Units	dB
Unset supported	Yes

Table 59-16 sNonIntraSearch

Name	Value
Default	2
Description	Threshold for serving cell reception level under which the UE shall trigger inter-frequency and inter-RAT measurements for cell reselection (the actual value the UE will use is twice the configured value). For more details consult TS36.304 The value sent over the RRC interface is half the value configured (the UE then multiplies the received value by 2) Defined in TS 36.331 Broadcast in SystemInformationBlockType3
Displayed name	sNonIntraSearch (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Step	2
Type	Integer
Units	dB
Unset supported	Yes

Table 59-17 sNonIntraSearchP

Name	Value
Description	This parameter specifies the threshold for serving cell reception level, below which the UE triggers inter-frequency and inter-RAT measurements for cell reselection. If the field is not present, the UE applies the (default) value of infinity. The value sent over the RRC interface is half the value configured and the UE then multiplies the received value by 2. See TS 36.304 and TS 36.331. Broadcast in SystemInformationBlockType3.
Displayed name	sNonIntraSearchP (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Step	2
Type	Integer
Units	dB
Unset supported	Yes

Table 59-18 sNonIntraSearchQ

Name	Value
Description	This parameter specifies the threshold for serving cell reception quality, below which the UE triggers inter-frequency and inter-RAT measurements for cell reselection. If the field is not present, the UE applies the (default) value of 0 dB. Broadcast in SystemInformationBlockType3.
Displayed name	sNonIntraSearchQ (General)
Impact	No reset (class C)
Maximum	31
Minimum	0
Type	Integer
Units	dB
Unset supported	Yes

Table 59-19 threshServingLow

Name	Value
Default	0
Description	Threshold for serving cell reception level used in reselection evaluation towards lower priority E-UTRAN frequency or RAT The value sent over the RRC interface is half the value configured (the UE then multiplies the received value by 2) Defined in TS 36.331 Broadcast in SystemInformationBlockType3
Displayed name	threshServingLow (General)
Impact	No reset (class C)
Maximum	62
Minimum	0
Step	2
Type	Integer
Units	dB

Table 59-20 threshServingLowQ

Name	Value
Description	This parameter specifies the threshold for serving cell reception quality used in reselection evaluation towards lower priority E-UTRAN frequency or RAT. Broadcast in SystemInformationBlockType3.
Displayed name	threshServingLowQ (General)
Impact	No reset (class C)
Maximum	31
Minimum	0

(1 of 2)

Name	Value
Type	Integer
Units	dB
Unset supported	Yes

(2 of 2)

Table 59-21 tReselectionEUTRAN

Name	Value
Description	This parameter specifies the value of the cell reselection UE timer in the serving cell Defined in TS 36.331 Broadcast in SystemInformationBlockType3
Displayed name	tReselectionEUTRAN (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer
Units	s

Table 59-22 tReselectionUtra

Name	Value
Description	TS36.331: this parameter configures the t-ReselectionUTRA included in the IE SystemInformationBlockType6. Parameter "TreslectionUTRAN" in TS 36.304. This concerns the cell reselection timer TreslectionRAT for UTRA. Value in seconds.
Displayed name	tReselectionUtra (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer
Units	s
Unset supported	Yes

60 – ClockSync

Table 60-1 ClockSync parameters

Parameters	
clockSyncSourcePriorityList gpsClockEnable gpsModeSelect id is1ppsAndTODEnable	ptpClientEnable sfnPhaseSyncEnable sfnSyncOption syncEClockEnable

Table 60-2 clockSyncSourcePriorityList

Name	Value
Description	This parameter defines the LIST of synchronization methods ranked by operator preference order (from highest to lowest).
Impact	No reset (class C)
Type	List name ClockSyncSourcePriorityListType maps to: ClockSynchroModeEnum

Table 60-3 gpsClockEnable

Name	Value
Default	True
Description	Defines whether GPS is supported by eNB & network. NOTE: this does NOT define GPS as Primary clock source, but as a valid clock source. True=Enable/available, False=Disabled

(1 of 2)

Name	Value
Displayed name	gpsClockEnable (General)
Impact	Full reset (class A)
Type	Boolean

(2 of 2)

Table 60-4 gpsModeSelect

Name	Value
Default	UnmanagedInternalGPSreceiver
Description	This parameter defines if the eNB uses the internal GPS receiver, or an external receiver, and whether it supports the data link from the receiver in addition to the PPS signal.
Displayed name	gpsModeSelect (General)
Impact	Full reset (class A)
Type	GpsModeSelectEnum

Table 60-5 id

Name	Value
Description	ClockSync identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 60-6 is1ppsAndTODEnable

Name	Value
Default	False
Description	This parameter specifies whether 1pps+TOD is supported by both eNodeB and the network. The values are as follows: True=Enable/available False=Disabled. NOTE: This does NOT define 1pps+TOD as Primary clock source, but as a valid clock source.
Displayed name	is1ppsAndTODEnable (General)
Impact	Full reset (class A)
Type	Boolean

Table 60-7 ptpClientEnable

Name	Value
Default	False
Description	Defines whether 1588 PTP is supported by eNB & network. NOTE: this does NOT define 1588 PTP as Primary clock source, but as a valid clock source. True=Enable/available, False=Disabled
Displayed name	ptpClientEnable (General)
Impact	Full reset (class A)
Type	Boolean

Table 60-8 sfnPhaseSyncEnable

Name	Value
Default	freqSyncOnly
Description	For Clock options where Phase sync is possible (GPS, 1588) Defines if Phase Sync is Enabled. 1=Phase Sync Enabled, 0=Phase Sync disabled
Displayed name	sfnPhaseSyncEnable (General)
Impact	Partial reset (class B)
Type	SfnPhaseSyncEnableEnum

Table 60-9 sfnSyncOption

Name	Value
Default	FreqSyncOnly
Description	For clock options where Phase Sync is possible (GPS, 1588), this parameter defines whether the eNB clock is : - frequency locked - frequency and phase locked - frequency and phase and TimeofDay locked
Displayed name	sfnSyncOption (General)
Impact	Partial reset (class B)
Type	SfnSyncOptionEnum

Table 60-10 syncEClockEnable

Name	Value
Default	True
Description	Defines whether SyncE is supported by network. NOTE: this does NOT define syncE as Primary clock source, but as a valid clock source. True=Enable/available, False=Disabled

(1 of 2)

Name	Value
Displayed name	syncEClockEnable (General)
Impact	Full reset (class A)
Type	Boolean

(2 of 2)

61 — CodebookSubsetRestriction

Table 61-1 CodebookSubsetRestriction parameters

Parameters	
id n2TxAntennaTm4OneLayerCodebook0 n2TxAntennaTm4OneLayerCodebook1 n2TxAntennaTm4OneLayerCodebook2	n2TxAntennaTm4OneLayerCodebook3 n2TxAntennaTm4TwoLayersCodebook1 n2TxAntennaTm4TwoLayersCodebook2

Table 61-2 id

Name	Value
Description	CodebookSubsetRestriction identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 61-3 n2TxAntennaTm4OneLayerCodebook0

Name	Value
Default	True
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Displayed name	n2TxAntennaTm4OneLayerCodebook0 (General)
Impact	Partial reset (class B)
Type	Boolean

Table 61-4 n2TxAntennaTm4OneLayerCodebook1

Name	Value
Default	True
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Displayed name	n2TxAntennaTm4OneLayerCodebook1 (General)
Impact	Partial reset (class B)
Type	Boolean

Table 61-5 n2TxAntennaTm4OneLayerCodebook2

Name	Value
Default	True
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Displayed name	n2TxAntennaTm4OneLayerCodebook2 (General)
Impact	Partial reset (class B)
Type	Boolean

Table 61-6 n2TxAntennaTm4OneLayerCodebook3

Name	Value
Default	True
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Displayed name	n2TxAntennaTm4OneLayerCodebook3 (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Type	Boolean

(2 of 2)

Table 61-7 n2TxAntennaTm4TwoLayersCodebook1

Name	Value
Default	True
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Displayed name	n2TxAntennaTm4TwoLayersCodebook1 (General)
Impact	Partial reset (class B)
Type	Boolean

Table 61-8 n2TxAntennaTm4TwoLayersCodebook2

Name	Value
Default	True
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Displayed name	n2TxAntennaTm4TwoLayersCodebook2 (General)
Impact	Partial reset (class B)
Type	Boolean

62 – ControlFlowToDscpMapping

Table 62-1 ControlFlowToDscpMapping parameters

Parameters	
controlFlow dscp	id

Table 62-2 controlFlow

Name	Value
Description	This parameter is an element of the ControlFlowToDscpMapping tuple. The parameter identifies the transport control or management plane flow which is mapped by the tuple to the associated Diffserv Code Point (DSCP) value.
Displayed name	controlFlow (General)
Impact	No reset (class C)
Type	ControlFlowEnum

Table 62-3 dscp

Name	Value
Description	This parameter is an element of the ControlFlowToDscpMapping tuple. The parameter identifies the Diffserv Code Point value to be used for a transport control or management plane flow whose value matches the "controlFlow" element of the tuple.
Displayed name	dscp (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	DscpEnum

(2 of 2)

Table 62-4 id

Name	Value
Description	ControlFlowToDscpMapping identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	7
Minimum	0
Type	Integer

63 – CPIProfileAbs

Table 63-1 CPIProfileAbs parameters

Parameters	
cPICritical cPIElement cPIEnabled cPIMajor	cPIMinAttempts cPIMinor cPIService

Table 63-2 cPICritical

Name	Value
Description	CPI threshold for critical alarm.
Displayed name	Critical Alarm % (General)
Type	Integer
Units	%

Table 63-3 cPIElement

Name	Value
Description	CPI Element name.
Displayed name	CPI Element (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	CPIELEMENT

(2 of 2)

Table 63-4 cPIEnabled

Name	Value
Description	When checked (true), defines that CPIs are enabled.
Displayed name	CPI Enable (General)
Type	Boolean

Table 63-5 cPIMajor

Name	Value
Description	CPI threshold for major alarm.
Displayed name	Major Alarm % (General)
Type	Integer
Units	%

Table 63-6 cPIMinAttempts

Name	Value
Default	100
Description	CPI Minimum Attempt Limit.
Displayed name	Minimum Number of Attempts (General)
Maximum	500
Minimum	0
Type	Integer

Table 63-7 cPIMinor

Name	Value
Description	CPI threshold for minor alarm.
Displayed name	Minor Alarm % (General)

(1 of 2)

Name	Value
Type	Integer
Units	%

(2 of 2)

Table 63-8 cPIService

Name	Value
Description	CPI Service (MIF, MAF, ...).
Displayed name	CPI Service (General)
Mandatory on creation	Yes
Type	SERVICES

64 — CPRIPort

Table 64-1 cpriportId

Name	Value
Default	0
Displayed name	CPRI Port ID (General)
Mandatory on creation	Yes
Type	Long integer

65 – CpriRadioEquipment

Table 65-1 CpriRadioEquipment parameters

Parameters	
administrativeState cpriPort dbu id mainAntennaExternalPositionAltitude mainAntennaExternalPositionLatitude mainAntennaExternalPositionLongitude mainAntennaPositionDeltaX mainAntennaPositionDeltaY	mainAntennaPositionDeltaZ mainAntennaPositionErrorThreshold positionInDaisyChain rfmControlMode rfmLocationIdentifier rrhUserAlarmDescription rrhUserAlarmEnable rrhUserAlarmPolarity

Table 65-2 administrativeState

Name	Value
Default	unlocked
Description	This parameter controls the administrative state of the CPRI Radio Equipment / RFM resource, as per ITU-T X.731. The possible values are as follows: locked, unlocked, shuttingdown.
Type	AdministrativeState

Table 65-3 cpriPort

Name	Value
Description	This parameter identifies the CPRI port, on the controller, to which the CpriRadioEquipment is connected.
Displayed name	cpriPort (General)
Mandatory on creation	Yes
Maximum	6
Minimum	1
Type	Integer

Table 65-4 dbu

Name	Value
Default	1
Description	This parameter specifies the controller in a multi-controller eNodeB configuration.
Displayed name	dbu (General)
Mandatory on creation	Yes
Maximum	2
Minimum	1
Type	Integer

Table 65-5 id

Name	Value
Description	This parameter reports the number identifying the RIT. For RRH and TRDU: $\text{ritNumber} = \text{cpriPortNumber} * 1000 + \text{rrhPositionDaisyChain} * 100 + ((\text{dbuNumber} - 1) * 6000)$; where: $\text{rrhPositionDaisyChain} = 1 - 6$, $\text{cpriPortNumber} = 1 - 6$, $\text{dbuNumber} = 1$ or 2 .
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	65000
Minimum	0
Type	Integer

Table 65-6 mainAntennaExternalPositionAltitude

Name	Value
Default	0
Description	This parameter provides the altitude of the main antenna in a cell in the WGS84 reference frame. The following are the possible values: Encoding < 0 - Indicates below sea level Encoding = 0 - Indicates at sea level Encoding > 0 - Indicates above sea level.
Displayed name	mainAntennaExternalPositionAltitude (General)
Impact	No reset (class C)
Maximum	10000
Minimum	-1000
Type	Integer
Units	meter

Table 65-7 mainAntennaExternalPositionLatitude

Name	Value
Default	0
Description	This parameter indicates the latitude of the main antenna in a cell in the WGS84 reference frame. Encoding is defined as follows: < 0: south of the equator; = 0: at the equator; > 0: north of the equator. The (CpriRadioEquipment.)mainAntennaComputedPosition data will be regarded as invalid if mainAntennaComputedPositionLatitude = 0, mainAntennaComputedPositionLongitude = 0 and mainAntennaComputedPositionAltitude = 0. Note that the Step is 0.0005 minutes.
Displayed name	mainAntennaExternalPositionLatitude (General)
Impact	No reset (class C)
Maximum	90
Minimum	-90
Step	0.0005
Type	Floating point
Units	deg

Table 65-8 mainAntennaExternalPositionLongitude

Name	Value
Default	0
Description	This parameter indicates the longitude of the main antenna in a cell in the WGS84 reference frame. Encoding is as follows: < 0: west prime meridian; = 0: at prime meridian; > 0: east of prime meridian. Note that the Step is 0.0005 minutes.
Displayed name	mainAntennaExternalPositionLongitude (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	180
Minimum	-180
Step	0.0005
Type	Floating point
Units	deg

(2 of 2)

Table 65-9 mainAntennaPositionDeltaX

Name	Value
Default	0
Description	This parameter provides the distance in X-direction between the internal GPS antenna and the main RF antenna in the cell. The (CpriRadioEquipment.)mainAntennaPositionDelta data is to correct the position error of the RF antenna which is used for OTDOA/ECID. The parameter is entered by the deployment team.
Displayed name	mainAntennaPositionDeltaX (General)
Impact	No reset (class C)
Maximum	10000
Minimum	-1000
Type	Integer
Units	meter

Table 65-10 mainAntennaPositionDeltaY

Name	Value
Default	0
Description	This parameter provides the distance in Y-direction between the internal GPS antenna and the main RF antenna in the cell. The parameter is entered by the deployment team.
Displayed name	mainAntennaPositionDeltaY (General)
Impact	No reset (class C)
Maximum	10000
Minimum	-1000
Type	Integer
Units	meter

Table 65-11 mainAntennaPositionDeltaZ

Name	Value
Default	0
Description	This parameter provides the distance in Z-direction between the internal GPS antenna and the main RF antenna in the cell. The parameter is entered by the deployment team.
Displayed name	mainAntennaPositionDeltaZ (General)
Impact	No reset (class C)
Maximum	10000
Minimum	-1000
Type	Integer
Units	meter

Table 65-12 mainAntennaPositionErrorThreshold

Name	Value
Default	10
Description	This parameter indicates the threshold used to compare the automatically generated coordinates for the main RF antenna coordinates entered by a field operator with an external GPS device. Note that the default threshold value for RF antenna coordinates comparison should be 10 meter.
Displayed name	mainAntennaPositionErrorThreshold (General)
Impact	No reset (class C)
Maximum	30
Minimum	0
Type	Integer
Units	meter

Table 65-13 positionInDaisyChain

Name	Value
Default	1
Description	This parameter identifies the position of the CpriRadioEquipment in the daisy chain on a CPRI port. The radio directly connected to the controller has position "1".
Displayed name	positionInDaisyChain (General)
Mandatory on creation	Yes
Maximum	4
Minimum	1
Type	Integer

Table 65-14 rfmControlMode

Name	Value
Default	Standalone
Description	This parameter specifies the type of management the eNodeB OAM provides for the RFM when the unit may be shared with another BTS. Values are -Standalone Controller (default value), Primary Controller, Secondary Controller.
Displayed name	rfmControlMode (General)
Impact	Full reset (class A)
Type	RfmControlModeEnum

Table 65-15 rfmLocationIdentifier

Name	Value
Default	No default
Description	This attribute identifies the location of the Radio Frequency Module.
Impact	No reset (class C)
Maximum	255
Minimum	0
Type	String

Table 65-16 rrhUserAlarmDescription

Name	Value
Description	This parameter specifies the customer description of the RRH user alarms. The parameter is a list of six elements, each one relating to a specific user alarm. The position of the element in the list is directly related to the corresponding port on the alarm board.
Impact	No reset (class C)
Type	RrhUserAlarmDescriptionType
Unset supported	Yes

Table 65-17 rrhUserAlarmEnable

Name	Value
Description	This parameter enables the RRH user alarms. The parameter is a list of 6 booleans, each one relating to a specific user alarm. The position of the boolean in the list is directly related to the corresponding port on the alarm board. True indicates enabled.
Impact	No reset (class C)

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Name	Value
Type	RrhUserAlarmEnableType
Unset supported	Yes

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Table 65-18 rrhUserAlarmPolarity

Name	Value
Description	This parameter specifies the polarities of the RRH user alarms, either Normally Open or Normally Closed. The parameter is a list of six elements, each one relating to a specific user alarm. The position of the element in the list is directly related to the corresponding port on the alarm board.
Impact	No reset (class C)
Type	RrhUserAlarmPolarityType
Unset supported	Yes

66 – CTg

Table 66-1 CTg parameters

Parameters	
callTraceSessionName description id iratHThreshold isRRCTraced isS1MMETraced isTraceActive	isX2Traced listOfTracedCells rrcReestablishmentThreshold traceDepth traceId trafficThreshold

Table 66-2 callTraceSessionName

Name	Value
Description	User friendly name which eases the identification of a call trace session
Displayed name	callTraceSessionName (General)
Maximum	32
Minimum	0
Type	String
Unset supported	Yes

Table 66-3 description

Name	Value
Description	Optional user friendly description for the call trace session
Displayed name	Description (General)
Maximum	255
Minimum	0
Type	String

Table 66-4 id

Name	Value
Description	CTg identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Long integer

Table 66-5 iratHThreshold

Name	Value
Default	0
Description	Specific IRAT HO threshold value (number of outgoing IRAT HO attempts)
Displayed name	iratHThreshold (General)
Impact	No reset (class C)
Maximum	300000
Minimum	0
Type	Integer

Table 66-6 isRRCTraced

Name	Value
Default	False
Description	It indicates if the RRC interface is traced
Displayed name	isRRCTraced (General)

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Name	Value
Impact	No reset (class C)
Type	Boolean

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Table 66-7 isS1MMETraced

Name	Value
Default	False
Description	It indicates if the S1-MME interface is traced
Displayed name	isS1MMETraced (General)
Impact	No reset (class C)
Type	Boolean

Table 66-8 isTraceActive

Name	Value
Default	False
Description	Indicates if the trace is active (i.e.recording) or not (i.e. stop recording)
Displayed name	isTraceActive (General)
Impact	No reset (class C)
Type	Boolean

Table 66-9 isX2Traced

Name	Value
Default	False
Description	It indicates if the X2 interface is traced
Displayed name	isX2Traced (General)
Impact	No reset (class C)
Type	Boolean

Table 66-10 listOfTracedCells

Name	Value
Description	This parameter refers to the list of the cells which are traced. This list should point to one or more cells of the eNB. The max size of the list should correspond the the maximum number of LteCell objects an eNB can handle
Impact	No reset (class C)
Type	Dynamic stringlist

Table 66-11 rrcReestablishmentThreshold

Name	Value
Default	0
Description	Specific RRC threshold value (number of RRC connection reestablishment attempts)
Displayed name	rrcReestablishmentThreshold (General)
Impact	No reset (class C)
Maximum	300000
Minimum	0
Type	Integer

Table 66-12 traceDepth

Name	Value
Default	maximum
Description	Trace depth represents the level of details of Trace data. TS32.422 V8.4.0 defines the levels of Trace Depth. The trace depth for the eNodeB is one of the trace configuration parameters specified in TS32.422 V8.4.0.
Displayed name	traceDepth (General)
Impact	No reset (class C)
Type	TraceDepthEnum

Table 66-13 traceId

Name	Value
Default	0
Description	The trace Id is part of the Trace Reference defined like this (3GPP TS 32.421 v8.0.0) : "A globally unique ID shall be generated for each Trace Session to identify the Trace Session. The method for achieving this is to divide the Trace reference into Country, Operator, and trace Id."

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Name	Value
Displayed name	traceld (General)
Impact	No reset (class C)
Mandatory on creation	Yes
Maximum	16777215
Minimum	1
Type	Integer

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Table 66-14 trafficThreshold

Name	Value
Default	0
Description	Specific traffic threshold value (connected UE percentage)
Displayed name	trafficThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer
Units	%

67 – DccaProfile

Table 67-1 DccaProfile parameters

Parameters	
applTxTimer calledStationId ccSessFailover ccSessFlovrHndl dcca3GppQosNegProf forcedReAuth qosInformation	quotaExNoThrsld quotaExThrsldAct quotaUnavail ratingCondtChng retryCnt validityTimeExp

Table 67-2 applTxTimer

Name	Value
Default	5
Description	The value of tmnxMobProfDccaApplTxTimer specifies the application transaction timer for Credit Control Request (CCR) and Credit Control Answer (CCA).
Displayed name	Application Tx Timer (General)
Maximum	30
Minimum	1
Type	Integer
Units	s

Table 67-3 calledStationId

Name	Value
Default	real
Description	The value of tmnxMobProfDccaCalledStationId specifies whether the real or virtual Access Point Name (APN) is included in the called-station-id Attribute Value Pair (AVP).
Displayed name	Called Station Id Virtual (General)
Type	DccaCalledStationId

Table 67-4 ccSessFailover

Name	Value
Default	True
Description	The value of tmnxMobProfDccaCcSessFailover specifies whether the failover to secondary Online Charging System is supported if the primary OCS is not available
Displayed name	CC Session Failover (General)
Type	Boolean

Table 67-5 ccSessFlovrHndl

Name	Value
Default	terminate
Description	The value of tmnxMobProfDccaCcSessFlovrHndl specifies the credit control failure handling on the gateway
Displayed name	CC Failover Handling (General)
Type	DccaCCSessFailOvrHndl

Table 67-6 dcca3GppQosNegProf

Name	Value
Default	False
Description	The value of tmnxMobProfDcca3GppQosNegProf specifies whether the 3GPP-QoS-Negotiated-Profile Attribute Value Pair (AVP) should be included in the Credit Control Request (CCR). Both tmnxMobProfDcca3GppQosNegProf or tmnxMobProfDccaQosInformation can not be enabled at the same time.
Displayed name	3GPP GPRS QoS Negotiated Profile (General)
Type	Boolean

Table 67-7 forcedReAuth

Name	Value
Default	allow
Description	The value of tmnxMobProfDccaForcedReAuth specifies the option to allow or discard the traffic for the service while waiting for a Credit Control Answer (CCA) response message from the Online Charging System (OCS) when a Credit Control Request (CCR) message is sent to the OCS as a result of forced re-authorization by the OCS.
Displayed name	Forced Re-Authorization (General)
Type	ProfAllowDiscard

Table 67-8 qosInformation

Name	Value
Default	False
Description	The value of tmnxMobProfDccaQosInformation specifies whether the Qos-Information Attribute Value Pair (AVP) should be included in the Credit Control Request (CCR). Both tmnxMobProfDcca3GppQosNegProf or tmnxMobProfDccaQosInformation can not be enabled at the same time
Displayed name	QoS Information (General)
Type	Boolean

Table 67-9 quotaExNoThrsld

Name	Value
Default	allow
Description	The value of tmnxMobProfDccaQuotaExNoThrsld specifies the option to allow or discard the traffic for the service while waiting for a Credit Control Answer (CCA) response message from the Online Charging System (OCS) when no threshold is active and the quota gets exhausted.
Displayed name	Quota Exhausted No Threshold (General)
Type	ProfAllowDiscard

Table 67-10 quotaExThrsldAct

Name	Value
Default	allow
Description	The value of tmnxMobProfDccaQuotaExThrsldAct specifies the option to allow or discard the traffic for the service while waiting for a Credit Control Answer (CCA) response message from the Online Charging System (OCS) when the validity timer expires.

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Name	Value
Displayed name	Quota Exhausted Threshold Active (General)
Type	ProfAllowDiscard

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Table 67-11 quotaUnavail

Name	Value
Default	allow
Description	The value of tmnxMobProfDccaQuotaUnavail specifies the option to allow or discard the traffic for the service while waiting for a Credit Control Answer (CCA) response message from the Online Charging System (OCS) when no quota is available for a Rating Group.
Displayed name	Quota Unavailable (General)
Type	ProfAllowDiscard

Table 67-12 ratingCondtChng

Name	Value
Default	allow
Description	The value of tmnxMobProfDccaRatingCondtChng specifies the option to allow or discard the traffic for the service while waiting for a Credit Control Answer (CCA) response message from the Online Charging System (OCS) when a Credit Control Request (CCR) message is sent to the OCS due to the Rating-Condition change being detected and waiting for a Credit Control Answer (CCA) response message from the OCS.
Displayed name	Rating Condition Change (General)
Type	ProfAllowDiscard

Table 67-13 retryCnt

Name	Value
Default	0
Description	The value of tmnxMobProfDccaRetryCnt specifies the number of times the Credit Control Request (CCR) message will be retransmitted, when Credit Control Answer (CCA) is not received from the Online Charging System (OCS) server.
Displayed name	Retry Count (General)
Maximum	3
Minimum	0
Type	Integer

Table 67-14 validityTimeExp

Name	Value
Default	allow
Description	The value of tmnxMobProfDccaValidityTimeExp specifies the option to allow or discard the traffic for the service while waiting for a Credit Control Answer (CCA) response message from the Online Charging System (OCS) when there is an active threshold, but the quota gets exhausted while waiting for a CCA upon hitting the threshold."
Displayed name	Validity Time Expired (General)
Type	ProfAllowDiscard

68 — *DedicatedConf*

Table 68-1 id

Name	Value
Description	DedicatedConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

69 — *DedicatedPowerControlConf*

Table 69-1 id

Name	Value
Description	DedicatedPowerControlConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

70 – DFPeer

Table 70-1 DFPeer parameters

Parameters	
df2Addr df2AddrType df2Port df3Addr	df3AddrType df3Port operationalState

Table 70-2 df2Addr

Name	Value
auditable	Yes
Default	No default
Displayed name	Address (General)
Mandatory on creation	Yes
Type	IP address

Table 70-3 df2AddrType

Name	Value
auditable	Yes
Default	unknown

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Name	Value
Mandatory on creation	Yes
Type	InetAddressType

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Table 70-4 df2Port

Name	Value
auditable	Yes
Default	1002
Displayed name	Port (General)
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Long integer

Table 70-5 df3Addr

Name	Value
auditable	Yes
Default	No default
Displayed name	Address (General)
Mandatory on creation	Yes
Type	IP address

Table 70-6 df3AddrType

Name	Value
auditable	Yes
Default	unknown
Mandatory on creation	Yes
Type	InetAddressType

Table 70-7 df3Port

Name	Value
auditable	Yes
Default	1003
Displayed name	Port (General)
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Long integer

Table 70-8 operationalState

Name	Value
auditable	No
Default	No default
Displayed name	Operational State (General)
Type	OperationalState

71 – DiamConnectionAbs

Table 71-1 DiamConnectionAbs parameters

Parameters	
diamApplTimeOut diamApplType diamOrgHost diamOrgRealm	diamProfileID diamUseSCTP minActiveConn

Table 71-2 diamApplTimeOut

Name	Value
Default	5
Description	Diameter request message timeout.
Displayed name	Application TimeOut (General)
Maximum	10
Minimum	1
Type	Integer
Units	seconds

Table 71-3 diamApplType

Name	Value
Default	S6A
Description	Diameter Application type.
Displayed name	Application Type (General)
Mandatory on creation	Yes
Type	DIAMAPPLTYPE

Table 71-4 diamOrgHost

Name	Value
Description	FQDN defined for this MME.
Displayed name	Origin Host (General)
Maximum	96
Minimum	1
Type	String

Table 71-5 diamOrgRealm

Name	Value
Description	FQDN for all the MME nodes that can access the HSS host.
Displayed name	Origin Realm (General)
Maximum	96
Minimum	1
Type	String

Table 71-6 diamProfileID

Name	Value
Description	Unique ID for this Diameter profile.
Displayed name	Profile ID (General)
Mandatory on creation	Yes
Maximum	64
Minimum	1
Type	Integer

Table 71-7 diamUseSCTP

Name	Value
Default	True
Description	When checked (true), indicates that SCTP is used to support the diameter sessions with the HSS using the S6a interface.
Displayed name	Use SCTP (General)
Type	Boolean

Table 71-8 minActiveConn

Name	Value
Default	50
Description	Percent of Active Connections dropping before switching to an Alternate HSS host.
Displayed name	Min Active Connections (General)
Maximum	90
Minimum	10
Type	Integer
Units	%

72 – DiameterPeerListEntry

Table 72-1 DiameterPeerListEntry parameters

Parameters	
diaProfName peerListAdminState	peerListPort

Table 72-2 diaProfName

Name	Value
Default	default
Mandatory on creation	Yes
Type	String

Table 72-3 peerListAdminState

Name	Value
Default	outOfService
Description	Specifies the desired administrative state of this peer.
Displayed name	Peer Administrative State (General)
Type	AdministrativeState

Table 72-4 peerListPort

Name	Value
Default	3868
Description	specifies the port number of this peer list entry.
Displayed name	Peer Port (General)
Mandatory on creation	Yes
Maximum	3888
Minimum	3868
Type	Long integer

73 – DiameterPeerProfile

Table 73-1 DiameterPeerProfile parameters

Parameters	
appType destRealm diaProfName ifIndex	ifVRtrId loadBalanceEnabled transport

Table 73-2 appType

Name	Value
Default	None
Description	specifies the type of application where this profile will be used.
Displayed name	Application Type (General)
Type	ApplicationType

Table 73-3 destRealm

Name	Value
Default	No default
Description	The value of destRealm specifies the destination realm of the diameter peer.
Displayed name	Destination Realm (General)

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Name	Value
Maximum	80
Minimum	0
Type	String

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Table 73-4 diaProfName

Name	Value
Default	default
Description	The value of diaProfName specifies the name of the diameter profile to be associated with this diameter peer profile. Multiple diameter peer profiles can reference the same diameter profile.
Export	No
Mandatory on creation	Yes
Type	String

Table 73-5 iflIndex

Name	Value
auditable	No
Default	0
Description	specifies the interface index of the local interface used by diameter applications. When the value of this object is set to 0, no default interface has been assigned.
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 73-6 ifVRtrId

Name	Value
auditable	No
Default	1
Description	specifies the virtual router to which the interface specified by tmnxMobProfDiaPeerIfIndex belongs.
Mandatory on creation	Yes
Maximum	10240

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Name	Value
Minimum	1
Type	Integer

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Table 73-7 loadBalanceEnabled

Name	Value
Default	False
Description	The value of loadBalanceEnabled specifies if load balancing is enabled or not. If load balancing is enabled then all the peers will be used in round-robin fashion, otherwise only the first peer will be used for diameter sessions.
Displayed name	Load Balance Enabled (General)
Type	Boolean

Table 73-8 transport

Name	Value
Default	tcp
Description	The value of transport specifies the type of diameter signaling to be used.
Displayed name	Transport Protocol (General)
Type	TransportProtocol

74 – DiameterProfile

Table 74-1 DiameterProfile parameters

Parameters	
connTimer dprFailRetryTime dprRefreshTime dprTimeout ipDscp	ipTtl retryCount transTimer watchdogTimer

Table 74-2 connTimer

Name	Value
Default	30
Description	The value of connTimer specifies the maximum amount of time the node attempts to reconnect to a diameter peer after a connection to the peer has been brought down due to a transport failure.
Displayed name	Connection Timer (General)
Maximum	180
Minimum	0
Type	Integer
Units	s

Table 74-3 dprFailRetryTime

Name	Value
Default	0
Description	The value of dprFailRetryTime specifies the amount of time the node waits before retrying diameter connection setup to start the connection dynamically without operator's intervention incase of permanent failures from the remote peer. A value of 0 means that no attempt will be made to re-establish the connection.
Displayed name	Retry Time (General)
Maximum	1440
Minimum	0
Type	Integer
Units	min

Table 74-4 dprRefreshTime

Name	Value
Default	21600
Description	The value of tmnxMobProfDiaDnsRefreshInt specifies the amount of time the node waits before sending a Domain Name Server (DNS) query to refresh the Fully Qualified Domain Name (FQDN) resolution to a list of IP addresses. TTL received in a DNS Response is not used at the Gateway. A value of 0 means that the DNS refresh timer is disabled.
Displayed name	DNS Refresh Time (General)
Maximum	86400
Minimum	0
Type	Integer
Units	s

Table 74-5 dprTimeout

Name	Value
Default	1800
Description	The value of dprTimeout specifies the amount of time the node waits before re-starting diameter connection setup when remote peer intentionally disconnected by sending Disconnect-Peer-Request (DPR).
Displayed name	DPR Timeout (General)
Maximum	3600
Minimum	1
Type	Integer
Units	s

Table 74-6 ipDscp

Name	Value
Default	56
Description	The value of ipDscp specifies the Differentiated Services Code Point (DSCP) value in the IP header for diameter signaling messages sent. This value can be configured to treat a packet as Network Control (NC) packet ahead of Expedited Forwarding (EF) packets.
Displayed name	IP DSCP (General)
Maximum	63
Minimum	0
Type	Integer

Table 74-7 ipTtl

Name	Value
Default	255
Description	The value of ipTtl specifies the IP Time-To-Live (TTL) value to be used for diameter signaling messages.
Displayed name	IP TTL (General)
Maximum	255
Minimum	1
Type	Integer
Units	s

Table 74-8 retryCount

Name	Value
Default	3
Description	The value of retryCount specifies the number of times the same message is re-tried before declaring a failed attempt.
Displayed name	Retry Count (General)
Maximum	8
Minimum	1
Type	Integer

Table 74-9 transTimer

Name	Value
Default	5
Description	The value of transTimer specifies the maximum amount of time the node waits for a diameter peer to respond before trying another peer.
Displayed name	Transaction Timer (General)
Maximum	180
Minimum	1
Type	Integer
Units	s

Table 74-10 watchdogTimer

Name	Value
Default	30
Description	The value of watchdgTimer specifies the maximum amount of time the node attempts to reconnect to a diameter peer after a connection to the peer has been brought down due to a transport failure.
Displayed name	Watch Dog Timer (General)
Maximum	180
Minimum	1
Type	Integer
Units	s

75 – DiameterProxyAgent

Table 75-1 dscFunction

Name	Value
Default	unknown
Description	Type of this object. It can either be PCRF or DPA.
Mandatory on creation	Yes
Type	EpcFunction

76 – DiamProfileAbs

Table 76-1 DiamProfileAbs parameters

Parameters	
cERMsgTimer cERRetransMax diamProductName diamProfileID	diamProfileName dWRFreqTimer dWRMsgTimer dWRRetransMax

Table 76-2 cERMsgTimer

Name	Value
Default	5
Description	Capability Exchange Request (Diameter setup) timer value.
Displayed name	CER Message Timer (General)
Maximum	10
Minimum	1
Type	Integer

Table 76-3 cERRetransMax

Name	Value
Default	3
Description	Capability Exchange Request maximum retransmissions.
Displayed name	CER Max Retransmissions (General)
Maximum	5
Minimum	1
Type	Integer

Table 76-4 diamProductName

Name	Value
Default	LTE_MME_Diameter
Description	Unique Diameter Product Name.
Displayed name	Diameter Product Name (General)
Maximum	100
Minimum	1
Type	String

Table 76-5 diamProfileID

Name	Value
Description	Unique ID for this Diameter profile.
Displayed name	Profile ID (General)
Mandatory on creation	Yes
Maximum	64
Minimum	1
Type	Integer

Table 76-6 diamProfileName

Name	Value
Default	Diam_Profile
Description	Diameter Profile Name.
Displayed name	Profile Name (General)

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Name	Value
Maximum	15
Minimum	1
Type	String

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Table 76-7 dWRFreqTimer

Name	Value
Default	10
Description	DeviceWatchDog Request Frequency Timer.
Displayed name	DWR Frequency Timer (General)
Maximum	30
Minimum	3
Type	Integer

Table 76-8 dWRMsgTimer

Name	Value
Default	2
Description	DeviceWatchDog Request (heartbeat) Message timer value.
Displayed name	DWR Message Timer (General)
Maximum	10
Minimum	1
Type	Integer

Table 76-9 dWRRetransMax

Name	Value
Default	3
Description	DeviceWatchDog Request maximum retransmissions.
Displayed name	DWR Max Retransmissions (General)
Maximum	5
Minimum	1
Type	Integer

77 – DiscoveryLog

Table 77-1 id

Name	Value
Default	1
Description	The discovery log identifier.
Displayed name	Number (General)
Mandatory on creation	Yes
Minimum	1
Type	Long integer

78 – DownlinkMimo

Table 78-1 DownlinkMimo parameters

Parameters	
dlFullCLMimoMode	dlSinrThresholdBetweenOLMimoAndTxDiv
dlMIMODefaultCodeBook	dlSpeedThresholdBetweenCLMimoAndTxDiv
dlMimoSinrSwitchAveragingCoefficient	dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer
dlSinrThresholdBetweenCLMimoAndTxDiv	dlSpeedThresholdBetweenOLMimoAndTxDiv
dlSinrThresholdBetweenCLMimoOneLayerAndTxDiv	dlSpeedThresholdForDisablingPMI
dlSinrThresholdBetweenCLMimoTwoLayersAndOneLayer	id
dlSinrThresholdBetweenCLMimoTwoLayersAndTxDiv	

Table 78-2 dlFullCLMimoMode

Name	Value
Default	True
Description	Enable the full closed loop mode (i.e. for Rank 1 & 2). If disabled, the Closed loop Rank 1 is not used BUT TxDiv is used instead
Displayed name	dlFullCLMimoMode (General)
Impact	Partial reset (class B)
Type	Boolean

Table 78-3 dIMIMODefaultCodeBook

Name	Value
Default	1LayerCodebook0
Description	Default codebook used by the DL Scheduler when no PMI received yet from the UE
Displayed name	dIMIMODefaultCodeBook (General)
Impact	Partial reset (class B)
Type	DIMIMODefaultCodeBookIndexEnum

Table 78-4 dLMimoSinrSwitchAveragingCoefficient

Name	Value
Default	252
Description	Forgetting factor for MIMO SNR estimation. Value is divided by 256 and subtracted from 1 to provide a forgetting factor between 0 and 0,996
Displayed name	dLMimoSinrSwitchAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 78-5 dLSinrThresholdBetweenCLMimoAndTxDiv

Name	Value
Default	15.0
Description	Signal to noise ratio threshold for switching mode in dB
Displayed name	dLSinrThresholdBetweenCLMimoAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 78-6 dISinrThresholdBetweenCLMimoOneLayerAndTxDiv

Name	Value
Default	5.0
Description	Signal to noise ratio threshold for switching mode between CL MIMO 1 layer & TxDiv in dB
Displayed name	dISinrThresholdBetweenCLMimoOneLayerAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 78-7 dISinrThresholdBetweenCLMimoTwoLayersAndOneLayer

Name	Value
Default	15.0
Description	Signal to noise ratio threshold for switching mode between CL MIMO 2 layers & CL MIMO 1 layer in dB
Displayed name	dISinrThresholdBetweenCLMimoTwoLayersAndOneLayer (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 78-8 dISinrThresholdBetweenCLMimoTwoLayersAndTxDiv

Name	Value
Default	15.0
Description	Signal to noise ratio threshold for switching mode between CL-MIMO 2 Layers and TxDiv in dB
Displayed name	dISinrThresholdBetweenCLMimoTwoLayersAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10

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Name	Value
Step	0.1
Type	Floating point
Units	dB

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Table 78-9 dlSinrThresholdBetweenOLMimoAndTxDiv

Name	Value
Default	15.0
Description	Signal to noise ratio threshold for switching mode in dB
Displayed name	dlSinrThresholdBetweenOLMimoAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	30
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 78-10 dlSpeedThresholdBetweenCLMimoAndTxDiv

Name	Value
Default	0
Description	Speed threshold for switching mode in km/h
Displayed name	dlSpeedThresholdBetweenCLMimoAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	850
Minimum	0
Type	Integer

Table 78-11 dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer

Name	Value
Default	0
Description	Speed threshold for switching mode between CL MIMO 2 layers & CL MIMO 1 layer in km/h
Displayed name	dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer (General)

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Name	Value
Impact	Partial reset (class B)
Maximum	850
Minimum	0
Type	Integer

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Table 78-12 dlSpeedThresholdBetweenOLMimoAndTxDiv

Name	Value
Default	0
Description	Speed threshold for switching mode in km/h
Displayed name	dlSpeedThresholdBetweenOLMimoAndTxDiv (General)
Impact	Partial reset (class B)
Maximum	850
Minimum	0
Type	Integer

Table 78-13 dlSpeedThresholdForDisablingPMI

Name	Value
Default	0
Description	Speed threshold to stop using PMI report and backup to PMI shuffling algorithm in km/h
Displayed name	dlSpeedThresholdForDisablingPMI (General)
Impact	Partial reset (class B)
Maximum	850
Minimum	0
Type	Integer

Table 78-14 id

Name	Value
Description	DownlinkMimo identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0

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Name	Value
Minimum	0
Type	Integer

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79 – DownlinkMimoFDD

Table 79-1 DownlinkMimoFDD parameters

Parameters	
dlFullCLMimoMode	id

Table 79-2 dlFullCLMimoMode

Name	Value
Default	True
Description	This parameter enables or disables the full closed loop mode (that is, for Rank 1 & 2). If disabled, the Closed loop Rank 1 is not used instead TxDiv is used.
Displayed name	dlFullCLMimoMode (General)
Impact	Partial reset (class B)
Type	Boolean

Table 79-3 id

Name	Value
Description	DownlinkMimoFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

80 — DownlinkMimoTDD

Table 80-1 DownlinkMimoTDD parameters

Parameters	
dlFullCLMimoMode	id

Table 80-2 dlFullCLMimoMode

Name	Value
Default	True
Description	Enable the full closed loop mode (i.e. for Rank 1 & 2). If disabled, the Closed loop Rank 1 is not used BUT TxDiv is used instead
Displayed name	dlFullCLMimoMode (General)
Impact	No reset (class C)
Type	Boolean

Table 80-3 id

Name	Value
Description	DownlinkMimoTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

81 – DownlinkSemiPersistentSchedulingConf

Table 81-1 DownlinkSemiPersistentSchedulingConf parameters

Parameters	
activityPeriodForSPSActivationDL	maxSPSReleaseAttemptsDL
blcrMaxVariationForSPSDL	numberOfConfSPSProcessesDL
defaultCodecforVoIPServiceDL	sinrMaxVariationforSPSDL
id	spsActivationProhibitTimeUponCallSetupWithoutROHCDL
inactivityPeriodForSPSReleaseDL	spsActivationProhibitTimeUponCallSetupWithROHCDL
macHARQMaxNumberOfTransmissionWithSPSDL	spsActivationProhibitTimeUponSPSAbnormalReleaseDL
macHARQMaxTimerWithSPSDL	spsActivationProhibitTimeUponSPSFailureDL
macRLCOverheadDL	spsInitialMCSIndexForBearerSetupDL
maxSPSActivationAttemptsDL	spsLinkAdaptationSINROffsetDL

Table 81-2 activityPeriodForSPSActivationDL

Name	Value
Default	40
Description	This parameter controls the number of successive periods of 20ms where the buffer of the SPS bearer is not empty, to activate SPS.
Displayed name	activityPeriodForSPSActivationDL (General)
Impact	Partial reset (class B)
Maximum	160
Minimum	0

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Name	Value
Step	20
Type	Integer
Units	ms

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Table 81-3 blerMaxVariationForSPSDI

Name	Value
Default	40
Description	This parameter specifies the maximum value of BLER that is acceptable during a SPS Active phase. When this value is exceeded, the SPS is released and the VoIP packets are transmitted over the Dynamic Scheduler.
Displayed name	blerMaxVariationForSPSDI (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 81-4 defaultCodecforVoIPServiceDI

Name	Value
Default	AMR_12_20
Description	This parameter controls the type of downlink speech codec assumed for deriving the SPS grant size when the overrideS1GBRinfoForVoIP parameter is set to True.
Displayed name	defaultCodecforVoIPServiceDI (General)
Impact	Partial reset (class B)
Type	VoIPCodecEnum

Table 81-5 id

Name	Value
Description	DownlinkSemiPersistentSchedulingConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0

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Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 81-6 inactivityPeriodForSPSReleaseDL

Name	Value
Default	40
Description	This parameter controls the number of successive periods of 20ms where the buffer of the SPS bearer is empty, to release SPS.
Displayed name	inactivityPeriodForSPSReleaseDL (General)
Impact	Partial reset (class B)
Maximum	160
Minimum	0
Step	20
Type	Integer
Units	ms

Table 81-7 macHARQMaxNumberOfTransmissionWithSPSDI

Name	Value
Default	5
Description	This parameter specifies the maximum number of HARQ transmissions attempts for SPS.
Displayed name	macHARQMaxNumberOfTransmissionWithSPSDI (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	1
Type	Integer

Table 81-8 macHARQMaxTimerWithSPSDI

Name	Value
Default	40
Description	This parameter specifies the maximum time allowed for the completion of a HARQ process for SPS. The timer is started at the time of the first transmission of the HARQ process. On timer expiry, the HARQ process is terminated.

(1 of 2)

Name	Value
Displayed name	macHARQMaxTimerWithSPSDI (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	1
Type	Integer
Units	ms

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Table 81-9 macRLCOverheadDI

Name	Value
Default	3
Description	This parameter controls the amount of RLC and MAC overhead assumed to be used for downlink VoIP frames. In bytes.
Displayed name	macRLCOverheadDI (General)
Impact	Partial reset (class B)
Maximum	64
Minimum	0
Type	Integer
Units	bytes

Table 81-10 maxSPSActivationAttemptsDI

Name	Value
Default	3
Description	This parameter controls the number of SPS Activations to be sent before deciding to declare SPS Activation failure.
Displayed name	maxSPSActivationAttemptsDI (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	0
Type	Integer

Table 81-11 maxSPSReleaseAttemptsDL

Name	Value
Default	3
Description	This parameter controls the number of SPS releases to be sent before deciding to declare SPS release failure.
Displayed name	maxSPSReleaseAttemptsDL (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 81-12 numberOfConfSPSProcessesDL

Name	Value
Default	2
Description	This parameter controls the number of HARQ processes dedicated to SPS.
Displayed name	numberOfConfSPSProcessesDL (General)
Impact	Partial reset (class B)
Maximum	2
Minimum	1
Type	Integer

Table 81-13 sinrMaxVariationforSPSDL

Name	Value
Default	6
Description	This parameter controls the maximum allowed deviation of the SINR when SPS is active. When SINR is reduced by more than this value, the SPS is released and the VoIP packets are managed in the Dynamic Scheduler.
Displayed name	sinrMaxVariationforSPSDL (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	0
Step	0.25
Type	Floating point
Units	dB

Table 81-14 spsActivationProhibitTimeUponCallSetupWithoutROHC DI

Name	Value
Default	100
Description	This parameter controls the guard time to prevent the activation of downlink SPS grants for a period of time after the creation of the UE context in the cell (upon call setup or upon handover). This guard time is necessary to give time to Link Adaptation to converge.
Displayed name	spsActivationProhibitTimeUponCallSetupWithoutROHC DI (General)
Impact	Partial reset (class B)
Maximum	15000
Minimum	0
Step	20
Type	Integer
Units	ms

Table 81-15 spsActivationProhibitTimeUponCallSetupWithROHC DI

Name	Value
Default	1000
Description	This parameter controls the guard time to prevent the activation of downlink SPS grants for a period of time after the creation of the UE context in the cell (upon call setup or upon handover). This guard time is necessary to give time to RoHC and Link Adaptation to converge.
Displayed name	spsActivationProhibitTimeUponCallSetupWithROHC DI (General)
Impact	Partial reset (class B)
Maximum	15000
Minimum	0
Step	20
Type	Integer
Units	ms

Table 81-16 spsActivationProhibitTimeUponSPSAbnormalRelease DI

Name	Value
Default	15
Description	This parameter specifies the guard time to prevent a new downlink SPS activation procedure after a downlink SPS abnormal release.
Displayed name	spsActivationProhibitTimeUponSPSAbnormalRelease DI (General)
Impact	Partial reset (class B)

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Name	Value
Maximum	15
Minimum	0
Step	0.25
Type	Floating point
Units	s

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Table 81-17 spsActivationProhibitTimeUponSPSFailureDL

Name	Value
Default	15
Description	This parameter specifies the guard time to prevent a new downlink SPS activation procedure after a downlink SPS grant activation failure.
Displayed name	spsActivationProhibitTimeUponSPSFailureDL (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Step	0.25
Type	Floating point
Units	s

Table 81-18 spsInitialMCSIndexForBearerSetupDL

Name	Value
Default	4
Description	This parameter specifies the initial Modulation and Coding Scheme to be used at call setup for SPS.
Displayed name	spsInitialMCSIndexForBearerSetupDL (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 81-19 spsLinkAdaptationSINROffsetDL

Name	Value
Default	3
Description	This parameter sets a SINR offset to be applied on the estimated SINR before deciding on the MCS selected for the SPS Activation.
Displayed name	spsLinkAdaptationSINROffsetDL (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	-40
Step	0.25
Type	Floating point
Units	dB

82 — DscDiameterPeer

Table 82-1 DscDiameterPeer parameters

Parameters	
accountingApps authorizationApps chassisNumber firmwareRevision hostIpAddresses originHost	originRealm originStateId portNumber productName vendorId vendorSpecificApps

Table 82-2 accountingApps

Name	Value
Default	0
Description	A list of diameter peer's supported accounting applications, semicolon delimited, as specified in the capabilities exchange.
Displayed name	Accounting Applications (General)
Mandatory on creation	Yes
Maximum	128
Type	String

Table 82-3 authorizationApps

Name	Value
Default	0
Description	A list of diameter peer's supported authorization applications, semicolon delimited, as specified in the capabilities exchange.
Displayed name	Authorization Applications (General)
Mandatory on creation	Yes
Maximum	128
Type	String

Table 82-4 chassisNumber

Name	Value
Default	0
Description	The chassis number of the diameter peer.
Mandatory on creation	Yes
Type	Integer

Table 82-5 firmwareRevision

Name	Value
Default	0
Description	A list of diameter peer's supported accounting applications, semicolon delimited, as specified in the capabilities exchange.
Displayed name	Firmware Revision (General)
Mandatory on creation	Yes
Type	Integer

Table 82-6 hostIpAddresses

Name	Value
Default	0
Description	The diameter peer's host IP addresses, semicolon delimited, as specified in the capabilities exchange.
Mandatory on creation	Yes
Maximum	512
Type	String

Table 82-7 originHost

Name	Value
Default	0
Description	The diameter peer's fully qualified Origin Host (which contains the full originHost plus a dot('.') added, plus the originRealm. ie: 'myHost.myRealm'), as specified in the capabilities exchange.
Displayed name	Origin Host (General)
Mandatory on creation	Yes
Maximum	255
Type	String

Table 82-8 originRealm

Name	Value
Default	0
Description	The diameter peer's fully qualified Origin Host (which contains the full originHost plus a dot('.') added, plus the originRealm. ie: 'myHost.myRealm'), as specified in the capabilities exchange.
Displayed name	Origin Realm (General)
Mandatory on creation	Yes
Maximum	255
Type	String

Table 82-9 originStateId

Name	Value
Default	0
Description	The diameter peer's origin State ID, as specified in the capabilities exchange.
Displayed name	Origin State ID (General)
Mandatory on creation	Yes
Type	Integer

Table 82-10 portNumber

Name	Value
Default	0
Description	The port number of the diameter peer.

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Name	Value
Displayed name	Port (General)
Mandatory on creation	Yes
Type	Integer

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Table 82-11 productName

Name	Value
Default	0
Description	The diameter peer's product name, as specified in the capabilities exchange.
Displayed name	Product Name (General)
Mandatory on creation	Yes
Maximum	255
Type	String

Table 82-12 vendorId

Name	Value
Default	0
Description	The diameter peer's product name, as specified in the capabilities exchange.
Displayed name	Vendor ID (General)
Mandatory on creation	Yes
Type	Integer

Table 82-13 vendorSpecificApps

Name	Value
Default	0
Description	The diameter peer's supported vendor specific applications, semicolon delimited, as specified in the capabilities exchange.
Displayed name	Vendor Specific Applications (General)
Mandatory on creation	Yes
Maximum	255
Type	String

83 — DscPlatformISUState

Table 83-1 DscPlatformISUState parameters

Parameters	
clusterReference	currentState

Table 83-2 clusterReference

Name	Value
Default	255.255.255.255
Description	Represents the IP addresses of the cluster.
Displayed name	Cluster Reference (General)
Mandatory on creation	Yes
Maximum	32
Type	String

Table 83-3 currentState

Name	Value
Default	isu_no_isu
Description	Represents the ISU state of the cluster.
Displayed name	Current State (General)

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Name	Value
Mandatory on creation	Yes
Type	DscIsuState

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84 — DscpToPbitMapping

Table 84-1 DscpToPbitMapping parameters

Parameters	
dscp id	pBit

Table 84-2 dscp

Name	Value
Description	This parameter is an element of the DscpToPbitMapping tuple. The parameter identifies the P-bit value to be used at layer 2 for an IP packet whose DSCP matches the "dscp" element of the tuple.
Displayed name	dscp (General)
Impact	No reset (class C)
Type	DscpEnum

Table 84-3 id

Name	Value
Description	DscpToPbitMapping identifier
Displayed name	id (General)
Mandatory on creation	Yes

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Name	Value
Maximum	21
Minimum	0
Type	Integer

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Table 84-4 pBit

Name	Value
Description	This parameter is an element of the DscpToPbitMapping tuple. The parameter identifies the VLAN User Priority (P-bit) value to be used at layer 2 for any IP packet whose Diffserv Code Point (DSCP) matches the "dscp" element of the tuple. The pBit value shall be ignored if VLAN tagging is disabled.
Displayed name	pBit (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

85 — DupRadiusAccServerGroup

Table 85-1 DupRadiusAccServerGroup parameters

Parameters	
id	siteIdAddressType

Table 85-2 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	100000000
Minimum	1
Type	Long integer

Table 85-3 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

86 — *DynamicDebugTrace*

Table 86-1 DynamicDebugTrace parameters

Parameters	
dynamicDebugTraceProfile	l1DebugReasonRNTIACell3
id	l1DebugReasonRNTIBCell1
isCollectedOnEMS	l1DebugReasonRNTIBCell2
isRRCTraced	l1DebugReasonRNTIBCell3
isS1MMETraced	l2DebugBlockActivatedCell1
isTraceActive	l2DebugBlockActivatedCell2
isX2Traced	l2DebugBlockActivatedCell3
l1DebugCRNTIMaskCell1	l2DebugCRNTIMaskCell1
l1DebugCRNTIMaskCell2	l2DebugCRNTIMaskCell2
l1DebugCRNTIMaskCell3	l2DebugCRNTIMaskCell3
l1DebugCRNTIValueCell1	l2DebugCRNTIValueCell1
l1DebugCRNTIValueCell2	l2DebugCRNTIValueCell2
l1DebugCRNTIValueCell3	l2DebugCRNTIValueCell3
l1DebugRach2RNTICCell1	l2DebugRach3RNTICCell1
l1DebugRach2RNTICCell2	l2DebugRach3RNTICCell2
l1DebugRach2RNTICCell3	l2DebugRach3RNTICCell3
l1DebugRach2RNTIDCell1	l2DebugRach3RNTIDCell1
l1DebugRach2RNTIDCell2	l2DebugRach3RNTIDCell2
l1DebugRach2RNTIDCell3	l2DebugRach3RNTIDCell3
l1DebugReasonMaskCell1	l2DebugReasonMaskCell1
l1DebugReasonMaskCell2	l2DebugReasonMaskCell2
l1DebugReasonMaskCell3	l2DebugReasonMaskCell3
l1DebugReasonRNTIACell1	l2DebugReasonRNTIACell1
l1DebugReasonRNTIACell2	l2DebugReasonRNTIACell2

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Parameters	
l2DebugReasonRNTIACell3 l2DebugReasonRNTIBCell1 l2DebugReasonRNTIBCell2	l2DebugReasonRNTIBCell3 listOfTracedCells

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Table 86-2 dynamicDebugTraceProfile

Name	Value
Default	light_L3
Description	This parameter selects a profile configuration for dynamic debug trace in the eNodeB.
Displayed name	dynamicDebugTraceProfile (General)
Impact	No reset (class C)
Type	DynamicDebugTraceProfileEnum

Table 86-3 id

Name	Value
Description	DynamicDebugTrace identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 86-4 isCollectedOnEMS

Name	Value
Default	True
Description	This parameter specifies whether or not the EMS (OMC) is required to collect the Dynamic Debug Tracing reports that are generated by the eNodeB. The parameter is part of the dynamic debug trace configuration that is passed to the eNodeB, but, in fact, no functionality of the eNodeB is configured by means of this parameter.
Displayed name	isCollectedOnEMS (General)
Type	Boolean

Table 86-5 isRRCTraced

Name	Value
Default	False
Description	This parameter indicates if the RRC interface is traced.
Displayed name	isRRCTraced (General)
Impact	No reset (class C)
Type	Boolean

Table 86-6 isS1MMETraced

Name	Value
Default	False
Description	This parameter indicates if the S1-MME interface is traced.
Displayed name	isS1MMETraced (General)
Impact	No reset (class C)
Type	Boolean

Table 86-7 isTraceActive

Name	Value
Default	False
Description	This parameter activates or deactivates eNodeB dynamic debug trace collection.
Displayed name	isTraceActive (General)
Impact	No reset (class C)
Type	Boolean

Table 86-8 isX2Traced

Name	Value
Default	False
Description	This parameter indicates if the X2 interface is traced.
Displayed name	isX2Traced (General)
Impact	No reset (class C)
Type	Boolean

Table 86-9 l1DebugCRNTIMaskCell1

Name	Value
Default	0000
Description	This parameter defines a mask used for filtering UEs. Usage is as follows: If l1DebugCRNTIMaskCell1 AND ueRnti = l1DebugCRNTIValueCell1; ueRnti is taken into account for L1 debug Trace.
Displayed name	l1DebugCRNTIMaskCell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-10 l1DebugCRNTIMaskCell2

Name	Value
Default	0000
Description	This parameter defines a mask used for filtering UEs. Usage is as follows: If l1DebugCRNTIMaskCell2 AND ueRnti = l1DebugCRNTIValueCell2 ; ueRnti is taken into account for L1 debug Trace.
Displayed name	l1DebugCRNTIMaskCell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-11 l1DebugCRNTIMaskCell3

Name	Value
Default	0000
Description	This parameter defines a mask used for filtering UEs. Usage is as follows: If l1DebugCRNTIMaskCell3 AND ueRnti = l1DebugCRNTIValueCell3; ueRnti is taken into account for L1 debug Trace.
Displayed name	l1DebugCRNTIMaskCell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-12 l1DebugCRNTIValueCell1

Name	Value
Default	DEAD
Description	This parameter defines a value used for filtering UEs. If l1DebugCRNTIMaskCell1 AND ueRnti = l1DebugCRNTIValueCell1 ; ueRnti is taken into account for L1 debug Trace.
Displayed name	l1DebugCRNTIValueCell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-13 l1DebugCRNTIValueCell2

Name	Value
Default	DEAD
Description	This parameter defines a value used for filtering UEs. If l1DebugCRNTIMaskCell2 AND ueRnti = l1DebugCRNTIValueCell2 ; ueRnti is taken into account for L1 debug Trace.
Displayed name	l1DebugCRNTIValueCell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-14 l1DebugCRNTIValueCell3

Name	Value
Default	DEAD
Description	This parameter defines a value used for filtering UEs. If l1DebugCRNTIMaskCell3 AND ueRnti = l1DebugCRNTIValueCell3; ueRnti is taken into account for L1 debug Trace.
Displayed name	l1DebugCRNTIValueCell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-15 l1DebugRach2RNTICell1

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Displayed name	l1DebugRach2RNTICell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-16 l1DebugRach2RNTICell2

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Displayed name	l1DebugRach2RNTICell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-17 l1DebugRach2RNTICell3

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Displayed name	l1DebugRach2RNTICell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-18 l1DebugRach2RNTIDCell1

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Displayed name	l1DebugRach2RNTIDCell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-19 l1DebugRach2RNTIDCell2

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Displayed name	l1DebugRach2RNTIDCell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-20 l1DebugRach2RNTIDCell3

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Displayed name	l1DebugRach2RNTIDCell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-21 l1DebugReasonMaskCell1

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l1DebugReasonMaskCell1 (General)
Impact	No reset (class C)
Maximum	8
Minimum	0
Type	String

Table 86-22 l1DebugReasonMaskCell2

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l1DebugReasonMaskCell2 (General)
Impact	No reset (class C)
Maximum	8
Minimum	0
Type	String

Table 86-23 l1DebugReasonMaskCell3

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l1DebugReasonMaskCell3 (General)
Impact	No reset (class C)
Maximum	8
Minimum	0
Type	String

Table 86-24 l1DebugReasonRNTIACell1

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l1DebugReasonRNTIACell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-25 l1DebugReasonRNTIACell2

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l1DebugReasonRNTIACell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-26 l1DebugReasonRNTIACell3

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l1DebugReasonRNTIACell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-27 l1DebugReasonRNTIBCell1

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l1DebugReasonRNTIBCell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-28 l1DebugReasonRNTIBCell2

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l1DebugReasonRNTIBCell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-29 l1DebugReasonRNTIBCell3

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l1DebugReasonRNTIBCell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-30 l2DebugBlockActivatedCell1

Name	Value
Default	00000000
Description	This parameter defines a filter for blocks to activate; 1 bit per block. Currently we have only 9 blocks. Bit b0 = block0, bit b1 = block1 .. A block is selected for debug trace if bit is set to 1, bit set to 0 -> block deactivated.
Displayed name	l2DebugBlockActivatedCell1 (General)
Impact	No reset (class C)
Maximum	8
Minimum	0
Type	String

Table 86-31 l2DebugBlockActivatedCell2

Name	Value
Default	00000000
Description	This parameter defines a filter for blocks to activate; 1 bit per block. Currently we have only 9 blocks. Bit b0 = block0, bit b1 = block1 .. A block is selected for debug trace if bit is set to 1, bit set to 0 -> block deactivated.
Displayed name	l2DebugBlockActivatedCell2 (General)
Impact	No reset (class C)
Maximum	8
Minimum	0
Type	String

Table 86-32 l2DebugBlockActivatedCell3

Name	Value
Default	00000000
Description	This parameter defines a filter for blocks to activate; 1 bit per block. Currently we have only 9 blocks. Bit b0 = block0, bit b1 = block1 .. A block is selected for debug trace if bit is set to 1, bit set to 0 -> block deactivated.
Displayed name	l2DebugBlockActivatedCell3 (General)
Impact	No reset (class C)
Maximum	8
Minimum	0
Type	String

Table 86-33 l2DebugCRNTIMaskCell1

Name	Value
Default	0000
Description	This parameter defines a mask used for filtering UEs. Usage is as follows: If l2DebugCRNTIMaskCell1 AND ueRnti = l2DebugCRNTIValueCell1; ueRnti is taken into account for L2 debug Trace.
Displayed name	l2DebugCRNTIMaskCell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-34 l2DebugCRNTIMaskCell2

Name	Value
Default	0000
Description	This parameter defines a mask used for filtering UEs. Usage is as follows: If l2DebugCRNTIMaskCell2 AND ueRnti = l2DebugCRNTIValueCell2; ueRnti is taken into account for L2 debug Trace.
Displayed name	l2DebugCRNTIMaskCell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-35 l2DebugCRNTIMaskCell3

Name	Value
Default	0000
Description	This parameter defines a mask used for filtering UEs. Usage is as follows: If l2DebugCRNTIMaskCell3 AND ueRnti = l2DebugCRNTIValueCell3; ueRnti is taken into account for L2 debug Trace.
Displayed name	l2DebugCRNTIMaskCell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-36 l2DebugCRNTIValueCell1

Name	Value
Default	DEAD
Description	This parameter defines a value used for filtering UEs. If l2DebugCRNTIMaskCell1 AND ueRnti = l2DebugCRNTIValueCell1; ueRnti is taken into account for L2 debug Trace.
Displayed name	l2DebugCRNTIValueCell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-37 l2DebugCRNTIValueCell2

Name	Value
Default	DEAD
Description	This parameter defines a value used for filtering UEs. If l2DebugCRNTIMaskCell2 AND ueRnti = l2DebugCRNTIValueCell2; ueRnti is taken into account for L2 debug Trace.
Displayed name	l2DebugCRNTIValueCell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-38 l2DebugCRNTIValueCell3

Name	Value
Default	DEAD
Description	This parameter defines a value used for filtering UEs. If l2DebugCRNTIMaskCell3 AND ueRnti = l2DebugCRNTIValueCell3; ueRnti is taken into account for L2 debug Trace.
Displayed name	l2DebugCRNTIValueCell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-39 l2DebugRach3RNTICell1

Name	Value
Default	0000
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Displayed name	l2DebugRach3RNTICell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-40 l2DebugRach3RNTICell2

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message3.
Displayed name	l2DebugRach3RNTICell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-41 l2DebugRach3RNTICell3

Name	Value
Default	0000
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Displayed name	l2DebugRach3RNTICell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-42 l2DebugRach3RNTIDCell1

Name	Value
Default	0000
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Displayed name	l2DebugRach3RNTIDCell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-43 l2DebugRach3RNTIDCell2

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message3.
Displayed name	l2DebugRach3RNTIDCell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-44 l2DebugRach3RNTIDCell3

Name	Value
Default	0000
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Displayed name	l2DebugRach3RNTIDCell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-45 l2DebugReasonMaskCell1

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l2DebugReasonMaskCell1 (General)
Impact	No reset (class C)
Maximum	8
Minimum	0
Type	String

Table 86-46 l2DebugReasonMaskCell2

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l2DebugReasonMaskCell2 (General)
Impact	No reset (class C)
Maximum	8
Minimum	0
Type	String

Table 86-47 l2DebugReasonMaskCell3

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l2DebugReasonMaskCell3 (General)
Impact	No reset (class C)
Maximum	8
Minimum	0
Type	String

Table 86-48 l2DebugReasonRNTIACell1

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l2DebugReasonRNTIACell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-49 l2DebugReasonRNTIACell2

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l2DebugReasonRNTIACell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-50 l2DebugReasonRNTIACell3

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l2DebugReasonRNTIACell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-51 l2DebugReasonRNTIBCell1

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l2DebugReasonRNTIBCell1 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-52 l2DebugReasonRNTIBCell2

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l2DebugReasonRNTIBCell2 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-53 l2DebugReasonRNTIBCell3

Name	Value
Default	0000
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Displayed name	l2DebugReasonRNTIBCell3 (General)
Impact	No reset (class C)
Maximum	4
Minimum	0
Type	String

Table 86-54 listOfTracedCells

Name	Value
Description	This parameter refers to the list of the cells which are debug-traced. This list should point to one or more cells of the eNodeB. The max size of the list should correspond the the maximum number of LteCell objects an eNodeB can handle.
Impact	No reset (class C)
Type	Dynamic stringlist

87 – EEAAAlgorithmAbs

Table 87-1 EEAAAlgorithmAbs parameters

Parameters	
eEAPriority	eEAValue

Table 87-2 eEAPriority

Name	Value
Description	Defines an EPS Encryption Algorithm priority.
Displayed name	EEA Priority (General)
Mandatory on creation	Yes
Type	EPS_PRIORITY

Table 87-3 eEAValue

Name	Value
Description	Defines an EPS Encryption Algorithm value. Each value can only be associated with one priority (for example, if 128-EEA1 is associated with Priority 1, it cannot be associated with Priority 2 also).
Displayed name	EEA Value (General)
Type	EEA_ALGORITHM

88 — EIAAlgorithmAbs

Table 88-1 EIAAlgorithmAbs parameters

Parameters	
elAPriority	elAValue

Table 88-2 elAPriority

Name	Value
Description	Defines an EPS Integrity Protection Algorithm priority.
Displayed name	EIA Priority (General)
Mandatory on creation	Yes
Type	EPS_PRIORITY

Table 88-3 elAValue

Name	Value
Description	Defines an EPS Integrity Protection Algorithm value. Each value can only be associated with one priority (for example, if 128-EIA1 is associated with Priority 1, it cannot be associated with Priority 2 also).
Displayed name	EIA Value (General)
Type	EIA_ALGORITHM

89 — EMMInfor

Table 89-1 id

Name	Value
Default	0
Description	SAM Internal ID that is the result of the Composite Key calculation for that class.
Mandatory on creation	Yes
Maximum	1000
Minimum	1
templatable	No
Type	Long integer

90 — EMMInforAbs

Table 90-1 EMMInforAbs parameters

Parameters	
encodingName networkName networkShortName	sendCountryInit sendNetworkName sendTZOffset

Table 90-2 encodingName

Name	Value
Description	Indicates the encoding type to use for name fields.
Displayed name	Encoding Name (General)
Type	ENCODING_NAME

Table 90-3 networkName

Name	Value
Description	Unique network name.
Displayed name	Network Name (General)
Maximum	64
Minimum	0
Type	String

Table 90-4 networkShortName

Name	Value
Description	Unique short network name.
Displayed name	Network Short Name (General)
Maximum	32
Minimum	0
Type	String

Table 90-5 sendCountryInit

Name	Value
Description	Indicates whether or not the UE should display or not display the Country Initials.
Displayed name	Send Country Init (General)
Type	Boolean

Table 90-6 sendNetworkName

Name	Value
Description	Indicates whether or not to send the Network Names.
Displayed name	Send Network Name (General)
Type	Boolean

Table 90-7 sendTZOffset

Name	Value
Description	Indicates whether or not to send the Time Zone Offset.
Displayed name	Send Time Zone OffSet (General)
Type	Boolean

91 — ENBAlarmManagementGroup

Table 91-1 siteld

Name	Value
Default	No default
Displayed name	Site ID (General)
Mandatory on creation	Yes
Maximum	64
Type	String

92 – ENBEquipment

Table 92-1 ENBEquipment parameters

Parameters	
aldPresent	clockSynchronisationSource
aldScanEnable	clusterId
aliasName	enbPositionLatitude
aliasNameReadable	enbPositionLongitude
bbuExternalPositionAltitude	expectedModemType
bbuExternalPositionLatitude	id
bbuExternalPositionLongitude	maxTransportFiberDelayLengthCategoryV4
bbuPositionDeltaX	oAMlinkAdministrativeState
bbuPositionDeltaY	rdnId
bbuPositionDeltaZ	rj45SyncUsage
bbuPositionErrorThreshold	templateVersion
bsCommunicationState	timeZone
bsTopology	userSpecificInfo

Table 92-2 aldPresent

Name	Value
Default	False
Description	Placeholder for a flag that the user could set to indicate those sites with AISG antenna line devices.
Displayed name	Antenna Line Device Present (General)
Type	Boolean

Table 92-3 aldScanEnable

Name	Value
Default	False
Description	Operator-provided value to indicate whether OAM should expect to find at least one ALD attached to the eNB. When 'true', AISG bus scans are enabled on all RRHs to find the ALD(s). When 'false', RRH bus scans are disabled.
Displayed name	RRH bus scanning (General)
Type	Boolean

Table 92-4 aliasName

Name	Value
Default	No default
Description	XMS parameter, providing a user-defined alias for Identification of the BTS. This property is shown in HEX.
Maximum	252
Minimum	0
Type	String
Unset supported	Yes

Table 92-5 aliasNameReadable

Name	Value
Default	No default
Description	A SAM readable representation of the XMS parameter aliasName.
Displayed name	Alias Name (General)
Maximum	252
Minimum	0
Type	String
Unset supported	Yes

Table 92-6 bbuExternalPositionAltitude

Name	Value
Default	0
Description	This parameter provides the altitude of the BBU in the WGS84 reference frame. The following are the possible values: Encoding < 0 - Indicates below sea level Encoding = 0 - Indicates at sea level Encoding > 0 - Indicates above sea level. The parameter is entered by a field operator.
Displayed name	bbuExternalPositionAltitude (General)
Impact	No reset (class C)
Maximum	10000
Minimum	-1000
Type	Integer
Units	meter

Table 92-7 bbuExternalPositionLatitude

Name	Value
Default	0
Description	This parameter indicates the latitude of the BBU in the WGS84 reference frame. Encoding is defined as follows: < 0: south of the equator; = 0: at the equator; > 0: north of the equator. The parameter is given by a field operator that would fill the empty reading or over write the existing reading that is generated by internal GPS. The (ENBEquipment) BBU external position data will be regarded as invalid if bbuExternalPositionLatitude = 0, bbuExternalPositionLongitude = 0 and bbuExternalPositionAltitude = 0." Note that the Step is 0.0005 minutes.
Displayed name	bbuExternalPositionLatitude (General)
Impact	No reset (class C)
Maximum	90
Minimum	-90
Step	0.0005
Type	Floating point
Units	deg

Table 92-8 bbuExternalPositionLongitude

Name	Value
Default	0
Description	This parameter indicates the longitude of the BBU in the WGS84 reference frame. Encoding is as follows: < 0: west prime meridian; = 0: at prime meridian; > 0: east of prime meridian. Note that the Step is 0.0005 minutes. The parameter is entered by a field operator.

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Name	Value
Displayed name	bbuExternalPositionLongitude (General)
Impact	No reset (class C)
Maximum	180
Minimum	-180
Step	0.0005
Type	Floating point
Units	deg

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Table 92-9 bbuPositionDeltaX

Name	Value
Default	0
Description	This parameter provides the distance in X-direction between the internal GPS antenna and the BBU itself. The (ENBEquipment.)bbuPositionDelta[XYZ] data is used to correct the error of BBU position which is used by service providers for equipment. The parameter is entered by deployment team.
Displayed name	bbuPositionDeltaX (General)
Impact	No reset (class C)
Maximum	10000
Minimum	-1000
Type	Integer
Units	meter

Table 92-10 bbuPositionDeltaY

Name	Value
Default	0
Description	This parameter provides the distance in Y-direction between the internal GPS antenna and the BBU itself. The (ENBEquipment.)bbuPositionDelta[XYZ] data is used to correct the error of BBU position which is used by service providers for equipment. The parameter is entered by deployment team.
Displayed name	bbuPositionDeltaY (General)
Impact	No reset (class C)
Maximum	10000
Minimum	-1000
Type	Integer
Units	meter

Table 92-11 bbuPositionDeltaZ

Name	Value
Default	0
Description	This parameter provides the distance in Z-direction between the internal GPS antenna and the BBU itself. The (ENBEquipment.)bbuPositionDelta[XYZ] data is used to correct the error of BBU position which is used by service providers for equipment. The parameter is entered by deployment team.
Displayed name	bbuPositionDeltaZ (General)
Impact	No reset (class C)
Maximum	10000
Minimum	-1000
Type	Integer
Units	meter

Table 92-12 bbuPositionErrorThreshold

Name	Value
Default	20
Description	This parameter indicates the threshold used to compare the automatically generated coordinates for the BBU versus the coordinates entered by a field operator with an external GPS device. The default threshold value for BBU coordinates comparison should be 20 meter.
Displayed name	bbuPositionErrorThreshold (General)
Impact	No reset (class C)
Maximum	30
Minimum	0
Type	Integer
Units	meter

Table 92-13 bsCommunicationState

Name	Value
Default	online
Description	This attribute controls whether this BS may be managed by the OMC.
Displayed name	Base Station Communication State (General)
Type	BsCommunicationStateType

Table 92-14 bsTopology

Name	Value
Default	unknown
Description	Indicates how this ENB is connected within its site: starTopology (ENB is connected directly to the Radio Access Network); chainTopology (ENB is part of a chain connected to the RAN).Possible values: unknown (1), starTopology (2), chainTopology (3).
Displayed name	Base Station Topology (General)
Impact	No reset (class C)
Type	TopologyEnum

Table 92-15 clockSynchronisationSource

Name	Value
Default	gps_synchronised
Description	Intended synchronisation source for the BSs clock.
Displayed name	clockSynchronisationSource (General)
Impact	No reset (class C)
Type	ClockSynchroModeEnum

Table 92-16 clusterId

Name	Value
Default	No default
Description	Reference to its corresponding cluster for further details on the clusterID object please refers to UMT/OMC/DD/007615 V02/EN CM XML Format Description. NOTE : This should be a pointer attribute...
Maximum	252
Minimum	0
Type	String

Table 92-17 enbPositionLatitude

Name	Value
Decimals	5
Description	Latitude of the eNB in the WGS84 reference frame. Encoding: < 0: south of the equator; = 0: at the equator; > 0: north of the equator.
Displayed name	enbPositionLatitude (General)

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Name	Value
Impact	No reset (class C)
Maximum	90
Minimum	-90
Step	0.00001
Type	Floating point
Units	deg

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Table 92-18 enbPositionLongitude

Name	Value
Decimals	5
Description	Longitude of the eNB in the WGS84 reference frame. Encoding: < 0: west prime meridian; = 0: at prime meridian; > 0: east of prime meridian.
Displayed name	enbPositionLongitude (General)
Impact	No reset (class C)
Maximum	180
Minimum	-180
Step	0.00001
Type	Floating point
Units	deg

Table 92-19 expectedModemType

Name	Value
Default	eCEM
Description	This parameter specifies the modem type that the operator is expecting to equip the eNodeB. In case of eCEM/bCEM combination, please select "eCEM".
Displayed name	expectedModemType (General)
Impact	No reset (class C)
Type	ExpectedModemTypeEnum

Table 92-20 id

Name	Value
Description	user friendly ENBEquipment name, for operator use, but also part of eNodeB MIM, for use in PM reporting.
Displayed name	id (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 92-21 maxTransportFiberDelayLengthCategoryV4

Name	Value
Default	tenKm
Description	This parameter provides a predefined maximum value for supported fiber delay.
Displayed name	Max Transport (General)
Type	MaxTransportFiberDelayLengthCategoryEnum
Units	Km

Table 92-22 oAMlinkAdministrativeState

Name	Value
Default	locked
Description	Represents the administrative state of the link between the OMC and the BTS (or NodeB).
Type	OAMlinkAdministrativeState

Table 92-23 rdnId

Name	Value
Description	ID (rdn) attribute of the Cabinet object instance.
Displayed name	rdnId (General)
Mandatory on creation	Yes
Maximum	65000

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Name	Value
Minimum	0
Type	Integer

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Table 92-24 rj45SyncUsage

Name	Value
Description	Controls how the RJ 45 is used related to synchronization. For 1PPS+TOD as the output, the eNB has to be configured with internal GPS as clock source.
Displayed name	rj45SyncUsage (General)
Type	Rj45SyncUsageEnum

Table 92-25 templateVersion

Name	Value
Description	This parameter identifies the version of the template package applied to the configuration. The parameter value is provided by the template package. It is not recommended for the operator to modify the parameter value. Normally, the parameter is absent if no template package has been applied.
Impact	No reset (class C)
Maximum	128
Minimum	1
Type	String
Unset supported	Yes

Table 92-26 timeZone

Name	Value
Default	GMT_Coordinated_Universal_Time
Description	This parameter describes the time zone managed by eNB
Displayed name	timeZone (General)
Impact	No reset (class C)
Type	TimeZoneEnum

Table 92-27 userSpecificInfo

Name	Value
Description	information field reserved to the user. No specific treatment on this field is performed by the system.
Displayed name	userSpecificInfo (General)
Maximum	128
Minimum	0
Type	String
Unset supported	Yes

93 – ENBEquipmentSpecifics

Table 93-1 ENBEquipmentSpecifics parameters

Parameters	
hwNumber pmcMaxResultStringBlockSize	reset

Table 93-2 hwNumber

Name	Value
Default	0
Description	Number IDentifying the RIT(Removable Item) In current LTE releases all RITs have predefined RIT numbers , i.e. logical addresses outside BCB address range. for D2U: 640 for first D2U (800 planned for second D2U)
Displayed name	Hardware Number (General)
Mandatory on creation	Yes
Type	Long integer

Table 93-3 pmcMaxResultStringBlockSize

Name	Value
Default	6000
Description	Maximum block size that will be transferred in one request 0...64512 bytes, node default is 1200 bytes however for optimum stats collection it should be 6000 bytes.

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Name	Value
Maximum	64512
Minimum	1
Type	Integer
Units	bytes

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Table 93-4 reset

Name	Value
Default	Nothing
Description	If the module is in operational state 'disabled', a reset triggers a complete initialisation. Setting a value other than 'nothing' triggers a reset. It is autonomously set back to 'nothing' by the BS. SYNTAX INTEGER { rit (1), -- was TRUE nothing (2), -- was FALSE telecom (3), powerCycle (4) }
Displayed name	Reset (General)
Type	ResetType

94 — EnbFDD

Table 94-1 id

Name	Value
Description	EnbFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

95 — ENBIPsecProfile

Table 95-1 ENBIPsecProfile parameters

Parameters	
description	ipsecKeepalivePeriod
displayName	ipsecPerfectForwardSecrecyOn
eNBIPsecpolicy	ipsecSALifeDurationbytes
eNBpreSharedSecret	ipsecSALifeDurationSec
id	ipv4AddressEnbIPsecTunnel
ikeAuthMethod	ipv4AddressEnbIPsecTunnelType
ikeSALifeDurationSec	ipv4AddressSegIPsecTunnel
ipsecAntiReplayWindowSize	ipv4SubNetMaskEnbIPsecTunnel

Table 95-2 description

Name	Value
Default	No default
Description	User defined description given to the eNodeB IPsec Profile.
Displayed name	Description (General)
Maximum	255
Minimum	0
Type	String

Table 95-3 displayedName

Name	Value
Default	No default
Description	Name given by the operator to the eNodeB IPsec Profile being created.
Displayed name	Displayed Name (General)
Maximum	80
Minimum	0
Type	String

Table 95-4 eNBIPsecpolicy

Name	Value
Default	No_IPsec
Description	IPsec policy at eNB end
Displayed name	IPsec Policy (General)
Impact	Full reset (class A)
Type	IPsecPolicyEnum

Table 95-5 eNBpreSharedSecret

Name	Value
Default	No default
Description	Pre-shared secret key
Displayed name	Pre-Shared Secret (General)
Impact	Full reset (class A)
Maximum	20
Minimum	0
Type	String

Table 95-6 id

Name	Value
Default	0
Description	SAM Identifier for the eNodeB Profile.
Displayed name	Profile ID (General)

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Name	Value
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Integer

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Table 95-7 ikeAuthMethod

Name	Value
Default	preSharedKeys
Description	This parameter uses IKE v2 Authentication method: either preshared keys, or certificates
Displayed name	IKE Authentication Method (General)
Impact	Full reset (class A)
Type	IkeAuthMethodEnum

Table 95-8 ikeSALifeDurationSec

Name	Value
Default	28800
Description	Life duration IKE SA in seconds
Displayed name	IKE SA Life Duration (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 95-9 ipsecAntiReplayWindowSize

Name	Value
Default	32
Description	IPsec Anti Replay Window Size (number of packets). A value of zero means the IPsec anti replay mechanism is disabled.
Displayed name	IPsec Anti-Replay Window (General)
Impact	Full reset (class A)
Maximum	64

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Name	Value
Minimum	0
Type	Integer

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Table 95-10 ipsecKeepalivePeriod

Name	Value
Default	10
Description	Period IKE keep-alive are sent.
Displayed name	IPsec Keep Alive Period (General)
Impact	Full reset (class A)
Maximum	120
Minimum	0
Type	Integer
Units	s

Table 95-11 ipsecPerfectForwardSecrecyOn

Name	Value
Default	True
Description	ON/OFF Perfect Forward Secrecy
Displayed name	IPsec Perfect Forward Secrecy (General)
Impact	Full reset (class A)
Type	Boolean

Table 95-12 ipsecSALifeDurationbytes

Name	Value
Default	1620000
Description	Life duration IPsec SA in kbytes
Displayed name	IPsec SA Life Duration (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Kbytes/s

Table 95-13 ipsecSALifeDurationSec

Name	Value
Default	28800
Description	Life duration IPsec SA in sec
Displayed name	IPsec SA Life Duration (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 95-14 ipv4AddressEnbIPsecTunnel

Name	Value
Default	0.0.0.0
Description	Outer IP address IPsec tunnel at eNB
Displayed name	IPsec Tunnel Address (IPv4) (General)
Impact	Full reset (class A)
Type	IP address

Table 95-15 ipv4AddressEnbIPsecTunnelType

Name	Value
Default	ipv4
Description	InetAddress Type that is used to define the type of IP Addresses that is entered in ipv4AddressEnbIPsecTunnel. As the name of the attribute states, this is intended to always be IPv4.
Mandatory on creation	Yes
Type	InetAddressType

Table 95-16 ipv4AddressSegIPsecTunnel

Name	Value
Default	0.0.0.0
Description	Outer IP address IPsec tunnel at Security Gateway
Displayed name	SEG Address (IPv4) (General)

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Name	Value
Impact	Full reset (class A)
Type	IP address

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Table 95-17 ipv4SubNetMaskEnbIPsecTunnel

Name	Value
Default	0.0.0.0
Description	Subnet mask of outer IP address of IPsec tunnel in eNB
Displayed name	IPsec Tunnel Subnet Mask (IPv4) (General)
Impact	Full reset (class A)
Type	IP address

96 — ENBIPSecProfileToENBBinding

Table 96-1 ENBIPSecProfileToENBBinding parameters

Parameters	
enbIPsecProfileId eNodeBDisplayName id	networkElementAddressType siteId

Table 96-2 enbIPsecProfileId

Name	Value
Description	Profile ID to which this binding object is associated with.
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Integer

Table 96-3 eNodeBDisplayName

Name	Value
Description	The name of the eNodeB on which the Profile pointed to by this binding object is applied.
Displayed name	Name (General)

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Name	Value
Maximum	32
Minimum	0
Type	String

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Table 96-4 id

Name	Value
Default	No default
Description	Identifier for ENBIPSecProfileToENBBinding used in the FDN of this class.
Mandatory on creation	Yes
Maximum	5000
Minimum	1
Type	Long integer

Table 96-5 networkElementAddressType

Name	Value
Default	ipv4
Description	Address Type of the attribute siteld.
Mandatory on creation	Yes
Type	InetAddressType

Table 96-6 siteld

Name	Value
Description	Site ID of the Network Element on which the Profile this object is pointing to is applied.
Displayed name	Site ID (General)
Maximum	32
Minimum	0
Type	String

97 – EnbMobileService

Table 97-1 EnbMobileService parameters

Parameters	
anchorAddressType	anchorIpAddress

Table 97-2 anchorAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 97-3 anchorIpAddress

Name	Value
Default	0.0.0.0
Description	Site IP address of the node that is anchoring the Mobile Service.
Mandatory on creation	Yes
Type	IP address

98 — ENBNEspecifics

Table 98-1 ENBNEspecifics parameters

Parameters	
assignedTechnology	id
autoResetTimer	idle1xCsfbForDualRxUE
cellBarringHysteresisTimer	ipv4EnbInternalRoutingPrefix
defaultPagingCycle	jumboEnable
dINasDeliveryWaitTimeNoDRX	macroEnbld
dSCP2VlanPriorityEnable	macroEnbldUntil_V2_x
dSCP2VlanPriorityEnable	maxNumberOfCallPerEnodeB
dscpForOAM	maxTimeAllowedForCsfbMobilityAttempt
dscpForPtpEventMessages	modeConf
dscpForPtpGeneralMessages	mTU
eNBname	rrcProcedureDefenceTimer
eNodeBfirstHopRouterOAMIpAddr	rrcProcedureDefenseTimer
eNodeBfirstHopRouterOAMIpAddrType	s1APinitUeMsgTimer
eNodeBfirstHopRouterTelecomIpAddr	s1APPcedureDefenceTimer
eNodeBfirstHopRouterTelecomIpAddrType	s1APPcedureDefenseTimer
eNodeBtelecomIpAddress	secondNtpServerIpAddress
eNodeBtelecomIpAddressType	secondNtpServerIpAddressType
eNodeBtelecomSubNetMask	secondNtpServerIpAddressv6
eNodeBtelecomSubNetMaskType	secondNtpServerIpAddressv6Type
eNodeBtelecomVlanId	sp2DscpMappingEnable
firstNtpServerIpAddress	spare0
firstNtpServerIpAddressType	spare1
firstNtpServerIpAddressv6	spare10
firstNtpServerIpAddressv6Type	spare11

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Parameters	
spare12	stringSpare07
spare13	stringSpare08
spare2	stringSpare09
spare3	stringSpare10
spare4	stringSpare11
spare5	stringSpare12
spare6	stringSpare13
spare7	timerToWaitForFallbackToPreviousIPversion
spare8	timerToWaitForFallbackToPreviousSWversion
spare9	tMeasWaitForOffload
stringSpare00	ueContextMaxLifeTime
stringSpare01	vLanPriorityForOAM
stringSpare02	vLanPriorityForPtpEventMessages
stringSpare03	vLanPriorityForPtpGeneralMessages
stringSpare04	x2APPProcedureDefenceTimer
stringSpare05	x2APPProcedureDefenseTimer
stringSpare06	

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Table 98-2 assignedTechnology

Name	Value
Default	SingleTechnology
Description	This parameter gives the information concerning the hardware technology mode to be used.
Displayed name	assignedTechnology (General)
Impact	Full reset (class A)
Type	AssignedTechnologyEnum

Table 98-3 autoResetTimer

Name	Value
Default	60
Description	time lapse (in minutes) the eNodeB waits for before getting self reset, if not connected to any external interface (S1, EMS, X2, TIL,â)
Displayed name	autoResetTimer (General)
Impact	No reset (class C)
Maximum	1440
Minimum	20
Type	Integer

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Name	Value
Units	min
Unset supported	Yes

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Table 98-4 cellBarringHysteresisTimer

Name	Value
Default	30
Description	time to wait (in seconds) before eNB triggers cell-barring logic when certain conditions become met.
Displayed name	cellBarringHysteresisTimer (General)
Impact	No reset (class C)
Maximum	60
Minimum	10
Step	10
Type	Integer
Units	s

Table 98-5 defaultPagingCycle

Name	Value
Default	rf32
Description	This parameter defines the default DRX paging cycle in use within the cell, which corresponds to the period over which paging occasions are spread. For more details consult TS 36.304 Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	defaultPagingCycle (General)
Impact	No reset (class C)
Type	DefaultPagingCycleEnum

Table 98-6 dINasDeliveryWaitTimeNoDRX

Name	Value
Default	0
Description	This parameter, used for UE configured without DRX, specifies the max time Call-Processing waits for an ACK from Modem indicating delivery of a DL NAS to the UE over SRB2 before it sends any pending RRC + NAS messages or RRC Connection Release to the UE for NAS in-sequence delivery. Refer to TS 36.331. If UE is configured with DRX, an additional time based on DRX configuration is added. The value of zero (0) means this capability is disabled for both no DRX configured and DRX configured cases.

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Name	Value
Displayed name	dlNasDeliveryWaitTimeNoDRX (General)
Impact	No reset (class C)
Maximum	3000
Minimum	0
Step	50
Type	Integer
Units	ms

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Table 98-7 dSCP2VlanPriorityEnable

Name	Value
Default	True
Description	This parameter enables the VLAN priority p bit mapping. If disabled the p bit is populated with the default value, which is -p' bit =0 (BE).
Displayed name	dSCP2VlanPriorityEnable (General)
Impact	Full reset (class A)
Type	Boolean

Table 98-8 dSCP2VlanPriorityEnable

Name	Value
Default	True
Description	Enables the DSCP to Vlan priority p bit mapping, if disabled the p bit is populated with the default.
Displayed name	dSCP2VlanPriorityEnable (General)
Impact	Full reset (class A)
Type	Boolean

Table 98-9 dscpForOAM

Name	Value
Default	AF11
Description	Diffserv Code Point value to be used for OAM transport.
Displayed name	dscpForOAM (General)
Impact	Full reset (class A)

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Name	Value
Type	DscpEnum
Unset supported	Yes

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Table 98-10 dscpForPtpEventMessages

Name	Value
Default	EF
Description	Diffserv Code Point value to be used for 1588 'Event' message traffic.
Displayed name	dscpForPtpEventMessages (General)
Impact	Full reset (class A)
Type	DscpEnum
Unset supported	Yes

Table 98-11 dscpForPtpGeneralMessages

Name	Value
Default	AF41
Description	Diffserv Code Point value to be used for 1588 'General' message traffic.
Displayed name	dscpForPtpGeneralMessages (General)
Impact	Full reset (class A)
Type	DscpEnum
Unset supported	Yes

Table 98-12 eNBname

Name	Value
Description	3GPP 36.413: This is the name of the eNB transmitted by the eNB to the ePC in the S1-AP procedure
Displayed name	eNBname (General)
Maximum	255
Minimum	0
Type	String

Table 98-13 eNodeBfirstHopRouterOAMIpAddr

Name	Value
Default	0.0.0.0
Description	IP address of immediate gateway for L3 routing of OAM traffic from the eNodeB. However, if VLAN tagging is not enabled at L2, then this IP addr. also serves to route the telecom traffic. If L3 routing is not reqd for the OAM traffic - or is not reqd at all, in the non-VLAN case - then this parameter should be set to 0.0.0.0. Note that, in the LMT context, the equivalent parameter is known as: eNodeBfirstHopRouterIpAddr.
Displayed name	First Hop Router OAM IP Address (IP Info)
Impact	Full reset (class A)
Type	IPADDR

Table 98-14 eNodeBfirstHopRouterOAMIpAddrType

Name	Value
Default	ipv4
Description	IP address of immediate gateway for L3 routing of OAM traffic from the eNodeB. However, if VLAN tagging is not enabled at L2, then this IP addr. also serves to route the telecom traffic. If L3 routing is not reqd for the OAM traffic - or is not reqd at all, in the non-VLAN case - then this parameter should be set to 0.0.0.0. Note that, in the LMT context, the equivalent parameter is known as: eNodeBfirstHopRouterIpAddr.
Type	InetAddressType

Table 98-15 eNodeBfirstHopRouterTelecomIpAddr

Name	Value
Default	0.0.0.0
Description	IPv4 address of immediate gateway for L3 routing of Telecom traffic from the eNodeB. However, if VLAN tagging is not enabled at L2, then the eNodeBfirstHopRouterOAMIpAddr serves to route the telecom traffic and this parameter should be set to 0.0.0.0. Further, if VLAN tagging is enabled at L2 but L3 routing is not reqd for the Telecom traffic, then this parameter should be set to 0.0.0.0.
Displayed name	eNodeBfirstHopRouterTelecomIpAddr (IP Info)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 98-16 eNodeBfirstHopRouterTelecomIpAddrType

Name	Value
Default	ipv4
Description	IPv4 address of immediate gateway for L3 routing of Telecom traffic from the eNodeB. However, if VLAN tagging is not enabled at L2, then the eNodeBfirstHopRouterOAMIpAddr serves to route the telecom traffic and this parameter should be set to 0.0.0.0. Further, if VLAN tagging is enabled at L2 but L3 routing is not reqd for the Telecom traffic, then this parameter should be set to 0.0.0.0.
Type	InetAddressType
Unset supported	Yes

Table 98-17 eNodeBtelecomIpAddress

Name	Value
Default	0.0.0.0
Description	Telecom IPv4 address of eNodeB, as used by EPC (and neighbour eNodeBs) for access to the eNodeB.
Displayed name	eNodeBtelecomIpAddress (IP Info)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 98-18 eNodeBtelecomIpAddressType

Name	Value
Default	ipv4
Description	Telecom IPv4 address of eNodeB, as used by EPC (and neighbour eNodeBs) for access to the eNodeB.
Type	InetAddressType
Unset supported	Yes

Table 98-19 eNodeBtelecomSubNetMask

Name	Value
Default	0.0.0.0
Description	Subnetwork mask for the eNodeB Telecom IP address, defining the portion of the Telecom IP address of eNodeB that identifies the subnetwork to which it belongs
Displayed name	eNodeBtelecomSubNetMask (IP Info)

(1 of 2)

Name	Value
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

(2 of 2)

Table 98-20 eNodeBtelecomSubNetMaskType

Name	Value
Default	ipv4
Description	Subnetwork mask for the eNodeB Telecom IP address, defining the portion of the Telecom IP address of eNodeB that identifies the subnetwork to which it belongs
Type	InetAddressType
Unset supported	Yes

Table 98-21 eNodeBtelecomVlanId

Name	Value
Default	2
Description	VLAN ID associated with the Telecom traffic VLAN. This parameter is ignored if eNodeBoamVlanID is set to 4095.
Displayed name	eNodeBtelecomVlanId (IP Info)
Impact	Full reset (class A)
Maximum	4094
Minimum	2
Type	Integer

Table 98-22 firstNtpServerIpAddress

Name	Value
Default	0.0.0.0
Description	IP address of the first NTP server. The NTP port number is fixed at 123.
Displayed name	firstNtpServerIpAddress (IP Info)
Impact	No reset (class C)
Type	IPADDR

Table 98-23 firstNtpServerIpAddressType

Name	Value
Default	ipv4
Description	IP address of the first NTP server. The NTP port number is fixed at 123.
Type	InetAddressType

Table 98-24 firstNtpServerIpAddressv6

Name	Value
Default	0:0:0:0:0:0:0:0
Description	IP address of the first NTP server. The NTP port number is fixed at 123.
Displayed name	firstNtpServerIpAddressv6 (IP Info)
Impact	No reset (class C)
Type	IP address

Table 98-25 firstNtpServerIpAddressv6Type

Name	Value
Default	ipv6
Description	IP address of the first NTP server. The NTP port number is fixed at 123.
Type	InetAddressType

Table 98-26 id

Name	Value
Description	Enb IDentifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 98-27 idle1xCsfbForDualRxUE

Name	Value
Default	Optimized_for_1xCsFB_KPIs
Description	This parameter, if absent or set to 'Optimized-for-1xCsFB-KPIs', avoids potential over-pegging failure rates of 1xCsFB for Dual-Rx UEs at eNodeB/ MME and minimizes 1xCsFB call setup latency.
Displayed name	idle1xCsfbForDualRxUE (General)
Impact	No reset (class C)
Type	DualRxCsfbTo1xRttEnum
Unset supported	Yes

Table 98-28 ipv4EnbInternalRoutingPrefix

Name	Value
Default	192.168.0.0/16
Description	This parameter defines an IPv4 subnet prefix with Classless Interdomain Routing (CIDR) notation, e.g.192.168.0.0/16. This parameter defines the IPv4 subnet the eNB shall use for internal addressing. The default subnet used by an eNB is 192.168.0.0/16.
Displayed name	ipv4EnbInternalRoutingPrefix (General)
Impact	Full reset (class A)
Maximum	18
Minimum	9
Type	String

Table 98-29 jumboEnable

Name	Value
Default	False
Description	If Enabled, eNodeB backhaul Ethernet MTU = 2036 bytes, else 1500 bytes (standard size). This applies to S1-U and X2-U flows only. For all other flows, Ethernet MTU is 1500 bytes.
Displayed name	jumboEnable (General)
Impact	Full reset (class A)
Type	Boolean

Table 98-30 macroEnbId

Name	Value
Description	TS 36.423 9.2.22 Global eNB ID. This parameter corresponds to the 20 leftmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGL.
Displayed name	macroEnbId (General)
Impact	Full reset (class A)
Maximum	1048575
Minimum	0
Type	Integer

Table 98-31 macroEnbIdUntil_V2_x

Name	Value
Description	TS 36.423 9.2.22 Global eNB ID. This parameter corresponds to the 20 leftmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGL.
Displayed name	macroEnbId (General)
Impact	Full reset (class A)
Maximum	20
Minimum	20
Type	String

Table 98-32 maxNumberOfCallPerEnodeB

Name	Value
Default	60
Description	Defines the max number of users that allowed per eNodeB
Displayed name	maxNumberOfCallPerEnodeB (General)
Impact	Full reset (class A)
Maximum	60
Minimum	0
Type	Integer

Table 98-33 maxTimeAllowedForCsfbMobilityAttempt

Name	Value
Default	1200
Description	This defines the maximum time the eNB can dedicate to attempting a PS Handover or a Cell Change Order for a CS Fallback request. When this timer elapses, the eNB triggers a redirection.
Displayed name	maxTimeAllowedForCsfbMobilityAttempt (General)
Impact	No reset (class C)
Maximum	4000
Minimum	500
Type	Integer
Units	ms

Table 98-34 modeConf

Name	Value
Default	FDD
Description	Indicate cell mode in this eNB is TDD or FDD mode
Displayed name	modeConf (General)
Impact	Full reset (class A)
Type	ModeConfEnum

Table 98-35 mTU

Name	Value
Default	1500
Description	This parameter is used to specify eNodeB backhaul MTU. This applies to S1-U and X2-U flows only. For all other flows, MTU is 1500 bytes.
Displayed name	mTU (General)
Impact	Full reset (class A)
Maximum	2000
Minimum	1280
Type	Integer
Units	bytes

Table 98-36 rrcProcedureDefenceTimer

Name	Value
Default	1000
Description	This eNB internal defence timer is used to monitor the non answer from the UE in case of any RRC procedure. The timer is started in the eNB at message transmission and stopped at response message reception from the UE. At timer expiry the procedure is failed.
Displayed name	rrcProcedureDefenceTimer (General)
Impact	No reset (class C)
Maximum	3000
Minimum	50
Step	10
Type	Integer
Units	ms

Table 98-37 rrcProcedureDefenseTimer

Name	Value
Default	1000
Description	This parameter specifies the start value for the eNodeB internal defense timer which is used to monitor non answer from the UE in case of any RRC procedure. The timer is started in the eNodeB at message transmission and stopped at response message reception from the UE. At timer expiry, the procedure is failed.
Displayed name	rrcProcedureDefenseTimer (General)
Impact	No reset (class C)
Maximum	3000
Minimum	50
Step	10
Type	Integer
Units	ms

Table 98-38 s1APinitUeMsgTimer

Name	Value
Default	30
Description	This parameter specifies the start value for the eNodeB defense timer which is used to monitor non answer from the MME in case of S1AP Initial UE Message. The timer is started in the eNodeB at message transmission and stopped at response message reception from the MME. At timer expiry, the procedure is failed.
Displayed name	s1APinitUeMsgTimer (General)

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Name	Value
Impact	No reset (class C)
Maximum	60
Minimum	1
Type	Integer
Units	s

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Table 98-39 s1APProcedureDefenceTimer

Name	Value
Default	1000
Description	This eNB internal defence timer is used to monitor the non answer from the MME in case of any S1-AP procedure. The timer is started in the eNB at message transmission and stopped at response message reception from the MME. At timer expiry the procedure is failed.
Displayed name	s1APProcedureDefenceTimer (General)
Impact	No reset (class C)
Maximum	3000
Minimum	50
Step	10
Type	Integer
Units	ms

Table 98-40 s1APProcedureDefenseTimer

Name	Value
Default	1000
Description	This parameter specifies the start value for the eNodeB defense timer which is used to monitor non answer from the MME in case of some UE-dedicated S1-AP procedures. The timer is started in the eNodeB at message transmission and stopped at response message reception from the MME. It is used upon transmission of S1 UE Context Release Request, S1 Path Switch Request and S1 Handover Cancel. At timer expiry, the procedure is failed.
Displayed name	s1APProcedureDefenseTimer (General)
Impact	No reset (class C)
Maximum	30000
Minimum	50
Step	10
Type	Integer
Units	ms

Table 98-41 secondNtpServerIpAddress

Name	Value
Default	0.0.0.0
Description	IP address of the second NTP server. The NTP port number is fixed at 123. The second NTP server is introduced for redundancy when the first one is not accessible.
Displayed name	secondNtpServerIpAddress (IP Info)
Impact	No reset (class C)
Type	IPADDR
Unset supported	Yes

Table 98-42 secondNtpServerIpAddressType

Name	Value
Default	ipv4
Description	IP address of the second NTP server. The NTP port number is fixed at 123. The second NTP server is introduced for redundancy when the first one is not accessible.
Type	InetAddressType
Unset supported	Yes

Table 98-43 secondNtpServerIpAddressV6

Name	Value
Default	0:0:0:0:0:0:0:0
Description	IP address of the second NTP server. The NTP port number is fixed at 123. The second NTP server is introduced for redundancy when the first one is not accessible.
Displayed name	secondNtpServerIpAddressV6 (IP Info)
Impact	No reset (class C)
Type	IP address
Unset supported	Yes

Table 98-44 secondNtpServerIpAddressv6Type

Name	Value
Default	ipv6
Description	IP address of the second NTP server. The NTP port number is fixed at 123. The second NTP server is introduced for redundancy when the first one is not accessible.
Type	InetAddressType
Unset supported	Yes

Table 98-45 sp2DscpMappingEnable

Name	Value
Default	True
Description	Enables use of mapping of ServiceProfile QoS to DSCP in eNB.
Displayed name	sp2DscpMappingEnable (General)
Impact	Full reset (class A)
Type	Boolean
Unset supported	Yes

Table 98-46 spare0

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare0 (Spare Info)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-47 spare1

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare1 (Spare Info)

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Name	Value
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer

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Table 98-48 spare10

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare10 (Spare Info)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-49 spare11

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare11 (Spare Info)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-50 spare12

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare12 (Spare Info)
Impact	No reset (class C)
Maximum	4294967295

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Name	Value
Minimum	0
Type	Long integer

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Table 98-51 spare13

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare13 (Spare Info)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-52 spare2

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare2 (Spare Info)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-53 spare3

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare3 (Spare Info)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-54 spare4

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare4 (Spare Info)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-55 spare5

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare5 (Spare Info)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-56 spare6

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare6 (Spare Info)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-57 spare7

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare7 (Spare Info)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-58 spare8

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare8 (Spare Info)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-59 spare9

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare9 (Spare Info)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 98-60 stringSpare00

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare00 (General)
Impact	Full reset (class A)
Maximum	40
Minimum	0
Type	String

Table 98-61 stringSpare01

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare01 (General)
Impact	Full reset (class A)
Maximum	40
Minimum	0
Type	String

Table 98-62 stringSpare02

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare02 (General)
Impact	Full reset (class A)
Maximum	40
Minimum	0
Type	String

Table 98-63 stringSpare03

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare03 (General)
Impact	Full reset (class A)
Maximum	40
Minimum	0
Type	String

Table 98-64 stringSpare04

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare04 (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	0
Type	String

Table 98-65 stringSpare05

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare05 (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	0
Type	String

Table 98-66 stringSpare06

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare06 (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	0
Type	String

Table 98-67 stringSpare07

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare07 (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	0
Type	String

Table 98-68 stringSpare08

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare08 (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	0
Type	String

Table 98-69 stringSpare09

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare09 (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	0
Type	String

Table 98-70 stringSpare10

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare10 (General)
Impact	No reset (class C)
Maximum	40
Minimum	0
Type	String

Table 98-71 stringSpare11

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare11 (General)
Impact	No reset (class C)
Maximum	40
Minimum	0
Type	String

Table 98-72 stringSpare12

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare12 (General)
Impact	No reset (class C)
Maximum	40
Minimum	0
Type	String

Table 98-73 stringSpare13

Name	Value
Default	No default
Description	This parameter is a spare parameter. It takes a character-string value and provides for extended configuration capabilities for the Enb object. Note the "Update Transient Effects" property of the parameter.
Displayed name	stringSpare13 (General)
Impact	No reset (class C)
Maximum	40
Minimum	0
Type	String

Table 98-74 timerToWaitForFallbackToPreviousIPversion

Name	Value
Default	30
Description	This parameter is a customer viewable only parameter. This parameter is used to specify the timer to wait for eNodeB performing a full fallback to the previous configuration version when eNodeB failed to use new (updated) version. The OMC can also use this parameter to detect network problems and re-configure eNodeB.
Impact	No reset (class C)
Maximum	120
Minimum	30
Type	Integer
Units	min

Table 98-75 timerToWaitForFallbackToPreviousSWversion

Name	Value
Default	30
Description	This parameter is the time in minutes to wait after a SW Activation for the EMS or NEM to read the softwareFallbackTimerStop attribute. If the softwareFallbackTimerStop attribute is not read before the timer expires, eNodeB will automatically fallback to the previous SW version. This is a defense mechanism to prevent the eNodeB from becoming isolated due to errors in a newly activated SW version. This timer is configurable by the operator from the EMS or NEM.
Impact	No reset (class C)
Maximum	120
Minimum	0
Type	Integer
Units	min

Table 98-76 tMeasWaitForOffload

Name	Value
Default	2000
Description	This parameter specifies the maximum time the eNodeB can attempt a report of RRC measurement configured for off-load reason. When this time period elapses, the off-loading process is stopped.
Displayed name	tMeasWaitForOffload (General)
Impact	No reset (class C)
Maximum	60000
Minimum	100
Type	Integer
Units	ms

Table 98-77 ueContextMaxLifeTime

Name	Value
Description	This optional parameter specifies, in hours (to a precision of 0.5 hours), the maximum life-time for a UE context. The parameter's function is to protect call admission control against an accumulation of phantom UE contexts. - If the parameter is not present, then no limit is imposed upon the life-time of a UE context. - If the parameter is present, then the life-time of each UE context is limited to the given value. A UE context is released if its life-time exceeds the value of this parameter.
Displayed name	ueContextMaxLifeTime (General)
Impact	No reset (class C)
Maximum	72

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Name	Value
Minimum	0.5
Step	0.5
Type	Floating point
Units	h
Unset supported	Yes

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Table 98-78 vLanPriorityForOAM

Name	Value
Description	VLAN User Priority value to be used at layer 2 for OAM traffic. However, the value of this parameter shall be ignored if VLAN tagging is disabled.
Displayed name	vLanPriorityForOAM (General)
Impact	Full reset (class A)
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 98-79 vLanPriorityForPtpEventMessages

Name	Value
Description	VLAN User Priority value to be used at layer 2 for 1588 ptp 'Event' message traffic. However, the value of this parameter shall be ignored if VLAN tagging is disabled.
Displayed name	vLanPriorityForPtpEventMessages (General)
Impact	Full reset (class A)
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 98-80 vLanPriorityForPtpGeneralMessages

Name	Value
Description	VLAN User Priority value to be used at layer 2 for 1588 ptp 'General' message traffic. However, the value of this parameter shall be ignored if VLAN tagging is disabled.
Displayed name	vLanPriorityForPtpGeneralMessages (General)
Impact	Full reset (class A)
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 98-81 x2APProcedureDefenceTimer

Name	Value
Default	1000
Description	This eNB internal defence timer is used to monitor the non answer from the remote eNB in case of any X2-AP procedure. The timer is started in the local eNB at message transmission and stopped at response message reception from the remote eNB. At timer expiry the procedure is failed.
Displayed name	x2APProcedureDefenceTimer (General)
Impact	No reset (class C)
Maximum	3000
Minimum	50
Step	10
Type	Integer
Units	ms

Table 98-82 x2APProcedureDefenseTimer

Name	Value
Default	1000
Description	This eNB internal defense timer is used to monitor the non answer from the remote eNB in case of any X2-AP procedure. The timer is started in the local eNB at message transmission and stopped at response message reception from the remote eNB. At timer expiry the procedure is failed.
Displayed name	x2APProcedureDefenseTimer (General)
Impact	No reset (class C)
Maximum	3000
Minimum	50

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Name	Value
Step	10
Type	Integer
Units	ms

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99 – EnbRadioConf

Table 99-1 EnbRadioConf parameters

Parameters	
aMPRAppliedToSRsin700MHzMode	gBRAggregateMinimumCorrectionFactor
aperiodicCQIrankAveragingCoefficient	highMobilityDopplerUplinkThr
aperiodicCQISINRAveragingCoefficient	id
aperiodicCQISINRAveragingCoefficientForSPSDL	initialSIRtargetValueForPUSCHnonSemiStaticUsers
aUGprocessDuration	initialSIRtargetValueForPUSCHSemiStaticUsers
aUGtriggerDelayforRACHmsg4	isPrioMetricBiasAllowedForACQIgrants
aUGulBOincreasePeriod	kFacqi
aUGulBOincreaseRAmsg4	lowMobilityDopplerUplinkThr
aUGulBOincreaseRepetitionNumber	mandatoryTpcThresholdRelativeDown
aUGulBOincreaseSRB1uponCallSetup	mandatoryTpcThresholdRelativeUp
averageThroughputAveragingCoefficient	maxAperiodicCQIGrantSizeAtMPEstage3
cCEspaceMaxOverbookingFactor	maxFacqi
cQIAveragingCoefficient	maxHARQtxWithoutMGcollisionFor40msMGPattern
cQIToSINRLookUpTable	maxHARQtxWithoutMGcollisionFor80msMGPattern
dciFormatSelectorForTPC	maximumGBRDeficitFactor
dLGBRClippingFactor	maximumSIRCorrectionValueForPUSCH
dLHARQPriorityAveragingCoefficient	maxNbrOfACQIrequestAtMPEstage0
dLMBRClippingFactor	maxNbrOfPCQIonPUSCHAtMPEstage0
dLMCSTransitionTable	maxNbrOfUsersConsideredAtMPEstage1
dLProportionalFairAveragingCoefficient	maxNbrOfUsersForStretchingPHlimit
energyMetricSelect	maxNumberOfMPEiterations
enforceAMBRvalues	mCS correctionBeforeRACHmsg1And3ForHigherBLERtarget
fakeSIMO	mCS correctionBeforeRACHmsg1And3ForLowerBLERtarget
gBRAggregateMaximumCorrectionFactor	mCS correctionForACQIinHigherBLERcase

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Parameters	
mSCorrectionForACQInLowerBLERcase	ulMCSTransitionTableForSmallPUSCHGrants
mSCorrectionForGrantsBeforeRachMsg1or3ForHigherBLERSet point	ulMCSTransitionTablePRBsizeThreshold
mSCorrectionForGrantsBeforeRachMsg1or3ForLowerBLERSet point	ulSchedMPEstage3AccountForBO
mSCorrectionForPCQInHigherBLERcase	periodicRIRankAveragingCoefficient
mSCorrectionForPCQInLowerBLERcase	pHRthresholdFor700MHzZoneA
mSCorrectionForSmallULPackets	pHRthresholdFor700MHzZoneAUntil_V2_x
mSCorrectionPCQGuardTime	pHRthresholdFor700MHzZoneB1
minAmountOfReTxAllowedBeforeRACHmsg1And3	pHRthresholdFor700MHzZoneB1Until_V2_x
minGrantSizeForCQIreporting	pHRthresholdFor700MHzZoneB2
minHARQtxWithoutMGcollisionFor40msMGPattern	pHRthresholdFor700MHzZoneB2Until_V2_x
minHARQtxWithoutMGcollisionFor80msMGPattern	pHRthresholdFor700MHzZoneC
minimumSIRCorrectionValueForPUSCH	pHRthresholdFor700MHzZoneCUntil_V2_x
minimumSIRforUEgrantExtension	prbAllocationPeriod
minMCSwithACQI	prbUsageBeforeRachMsg1or3PHRthreshold
minMCSwithPCQI	pUCCHDMRSpowerAveragingCoefficient
mPEstage0HARQguardTimeForPCQI	pUCCHFormat1xDMRSpowerAveragingCoefficient
nbrofPUCCHformat1xMeasurementsNeededForSendingValidPUCCHTPCcmd	pUCCHFormat2xDMRSpowerAveragingCoefficient
nbrofPUCCHformat2xMeasurementsNeededForSendingValidPUCCHTPCcmd	pUSCHDMRSINRAveragingCoefficientForDynamicScheduling
noisePowerAveragingCoefficientForULMIMO	pUSCHDMRSINRAveragingCoefficientForSemiStaticScheduling
noiseVarianceMetricSelect	pUSCHsinrAveragingCoefForDSPowerCtrl
noPCQIOnPUSCHafterH0timer	pUSCHsinrAveragingCoefForSPSPowerCtrl
numberOfIterationsForTurboDecoder	rankAveragingCoefficient
numberOfULmeasurementsNeededForSendingValidTPCCommandForPUCCH	sEcorrInit
numberOfULmeasurementsNeededForSendingValidTPCCommandForPUSCHdynamicMode	sEcorrMax
numberOfULmeasurementsNeededForSendingValidTPCCommandForPUSCHsemiStaticMode	sEcorrMin
numberOfULmeasurementsNeededForSendingValidTPCCommandForPUSCHspsMode	sEcorrStep
pathLossAveragingCoefficient	sEcorrStepForHigherBLER
peakCEDecodingCapability	sEcorrStepForLowerBLER
periodicCQISINRAveragingCoefficient	sIRtargetCorrectionFactorTableForPUSCHsemiStaticUsers
periodicCQISINRAveragingCoefficientForSPSDI	smallPktHPuschPowerMargin
sRSpowerForULSyncAveragingCoefficient	smallPktPuschPRBThr
srsSINRInitialValue	spsBLCStabilizationPeriodDL
srsSINRsyncInitialValue	sRSpowerAveragingCoefficient
throughputEstimationForgettingFactorForFSSFDSSelection	ulSyncSINROOStoSyncThreshold
uLCCESpaceMaxOverbookingFactor	ulSyncSINROOStoSyncTreshold
ulMCSTransitionTableForLargePUSCHGrants	ulSyncSINRsyncToOOSThreshold
	ulSyncSINRsyncToOOSTreshold
	ulSyncTimer
	uplinkSIRtargetValueForDynamicPUSCHscheduling
	wBSRSsinrForFDHMAveragingCoefficient
	weightScaleDueToPCQI

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Table 99-2 aMPRAppliedToSRSin700MHzMode

Name	Value
Default	0
Description	AMPR value (as defined in 36.101) that is assumed to be applied by the UE upon SRS transmission when the cell is configured in 700MHz Upper Block C mode.
Displayed name	aMPRAppliedToSRSin700MHzMode (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	0
Type	Integer
Units	dB

Table 99-3 aperiodicCQIrankAveragingCoefficient

Name	Value
Default	15
Description	forgetting factor for time averaging rank calculation when receiving Aperiodic CQI reports. Value is divided by 256 and subtracted from 1 to provide a forgetting factor between 0 and 0,996
Displayed name	aperiodicCQIrankAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 99-4 aperiodicCQISINRAveragingCoefficient

Name	Value
Default	252
Description	forgetting factor for time averaging CQI calculation when receiving Aperiodic CQI reports. Value is divided by 256 and subtracted from 1 to provide a forgetting factor between 0 and 0,996
Displayed name	aperiodicCQISINRAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 99-5 aperiodicCQISINRAveragingCoefficientForSPSDI

Name	Value
Default	252
Description	This parameter determines the forgetting-factor for time-averaging CQI calculation for SPS when receiving Aperiodic CQI reports. The provisioned value is divided by 256 and subtracted from 1 to provide a forgetting-factor between 0 and 0,996.
Displayed name	aperiodicCQISINRAveragingCoefficientForSPSDI (General)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 99-6 aUGprocessDuration

Name	Value
Default	200
Description	This parameter defines the time window after the trigger for the AUG for RACH msg4 during which the DL scheduler is allowed to send Anticipated Uplink Grants (AUG) request to the UL Scheduler each time if detects the transmission of a DL message on SRB1.
Displayed name	aUGprocessDuration (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	500
Minimum	0
Step	50
Type	Integer
Units	ms

Table 99-7 aUGtriggerDelayforRACHmsg4

Name	Value
Default	15
Description	This parameter defines the AUG trigger delay implemented in the modem after detection of the RACH msg4. The delay is observed to avoid sending an UL grant before the UE has finished to process the RRC Connection Setup message (as it is unclear whether the UE monitors the PDCCH during this period).
Displayed name	aUGtriggerDelayforRACHmsg4 (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	500

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Name	Value
Minimum	0
Step	1
Type	Integer
Units	ms

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Table 99-8 aUGulBOincreasePeriod

Name	Value
Default	5
Description	This parameter defines the time interval (in ms) between two consecutive UL BO increase on SRB1 due to an AUG trigger.
Displayed name	aUGulBOincreasePeriod (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	64
Minimum	1
Type	Integer
Units	ms

Table 99-9 aUGulBOincreaseRAmsg4

Name	Value
Default	70
Description	This parameter defines the amount of UL BO increase (in byte) on SRB1 for an AUG related UL BO increase for a RACH msg4 trigger.
Displayed name	aUGulBOincreaseRAmsg4 (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	200
Minimum	0
Type	Integer
Units	bytes

Table 99-10 aUGulBOincreaseRepetitionNumber

Name	Value
Default	3
Description	This parameter defines the number of consecutive UL BO increases on SRB1 due to an AUG trigger.
Displayed name	aUGulBOincreaseRepetitionNumber (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 99-11 aUGulBOincreaseSRB1uponCallSetup

Name	Value
Default	20
Description	This parameter defines the amount of UL BO increase (in byte) on SRB1 for an AUG related UL BO increase for a trigger other than RACH msg4.
Displayed name	aUGulBOincreaseSRB1uponCallSetup (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	200
Minimum	0
Type	Integer
Units	bytes

Table 99-12 averageThroughputAveragingCoefficient

Name	Value
Default	1
Description	IIR filter coefficient used to compute the average user throughput. The unit correspond to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	averageThroughputAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-13 cCEspaceMaxOverbookingFactor

Name	Value
Default	2
Description	Maximum CCE search space overbooking factor allowed at the UL scheduling pre-selection stage
Displayed name	cCEspaceMaxOverbookingFactor (General)
Impact	Partial reset (class B)
Maximum	3
Minimum	0
Type	Integer

Table 99-14 cQIAveragingCoefficient

Name	Value
Description	forgetting factor for time averaging CQI calculation. Value is divided by 256 and subtracted from 1 to provide a forgetting factor between 0 and 0,996
Displayed name	cQIAveragingCoefficient (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	256
Minimum	1
Type	Integer

Table 99-15 cQIToSINRLookUpTable

Name	Value
Description	This parameter represents a table, for transforming CQI values into SINR estimated values in dB.
Impact	Partial reset (class B)
Type	CQIToSINRLookUpTableType
Units	dB

Table 99-16 dciFormatSelectorForTPC

Name	Value
Default	TPC_GROUP_COMMAND_DCI_FORMAT_3
Description	This parameter, controls the use of TPC-Group commands. : One DCI-Format-3 command is a more precise power control, whereas one DCI-Format-3A command can serve the double number of UE's.

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Name	Value
Displayed name	dciFormatSelectorForTPC (General)
Impact	Partial reset (class B)
Type	DciFormatSelectorForTPCEnum

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Table 99-17 dlGBRClippingFactor

Name	Value
Default	2
Description	Multiplied by Downlink Guaranteed Bit Rate, this parameter configures the clipping applied by the Downlink Scheduler on the QoS metric computation.
Displayed name	dlGBRClippingFactor (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	1
Type	Integer

Table 99-18 dlHARQPriorityAveragingCoefficient

Name	Value
Default	128
Description	Weighting factor for Downlink HARQ re-transmission. Value is divided by 256 and subtracted from 1 to provide a forgetting factor between 0 and 0,996
Displayed name	dlHARQPriorityAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 99-19 dlMBRClippingFactor

Name	Value
Default	2
Description	Multiplied by minus Downlink Maximum Bit Rate, this parameter configures the clipping applied by Downlink Scheduler during the QoS metric computation.
Displayed name	dlMBRClippingFactor (General)
Impact	Partial reset (class B)

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Name	Value
Maximum	5
Minimum	1
Type	Integer

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Table 99-20 dIMCSTransitionTable

Name	Value
Description	This parameter represents a table, composed of 28 SNR values(in dB), for switching between two consecutive Downlink MCSs.
Impact	Partial reset (class B)
Type	dIMCSTransitionTableType
Units	dB

Table 99-21 dlProportionalFairAveragingCoefficient

Name	Value
Default	3
Description	forgetting factor for time averaging spectral efficiency calculation in the downlink Sch eduler. Value is divided by 256 and subtracted from 1 to provbackupide a forgetting factor between 0 and 0,996
Displayed name	dlProportionalFairAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 99-22 energyMetricSelect

Name	Value
Default	0
Description	This parameter is used to determine which energy metric is chosen in RX physical layer processing in the CE. MMSE user energy selection. Known as "energy_select" in EMIF SIM. Meaning: 0-- > Use short term metric. 1-- > Use long term metric
Displayed name	energyMetricSelect (General)
Impact	Partial reset (class B)
Maximum	1

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Name	Value
Minimum	0
Type	Integer

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Table 99-23 enforceAMBRvalues

Name	Value
Default	False
Description	Flag to force the MAC schedulers to ignore the AMBR values requested by the MME. When the AMBR value is not enforced, the scheduler assumes that the UE max throughput is only a function of its hardware capability.
Displayed name	enforceAMBRvalues (General)
Impact	Partial reset (class B)
Type	Boolean

Table 99-24 fakeSIMO

Name	Value
Description	Enable/disable/configure fake SIMO mode. Fake SIMO may be configured by disallowing transmission at either the lower numbered or the higher numbered RRH antenna. Fake SIMO shall be configured ONLY if MIMO is de-activated in the eNodeB.
Displayed name	fakeSIMO (eNodeB Radio Conf)
Impact	Full reset (class A)
Type	FakeSIMOenum

Table 99-25 gBRAggregateMaximumCorrectionFactor

Name	Value
Default	2
Description	Correction factor used to derive the max GBR token counter increment from the raw aggregate GBR value.
Displayed name	gBRAggregateMaximumCorrectionFactor (General)
Impact	Partial reset (class B)
Maximum	4
Minimum	0
Step	0.0078125
Type	Floating point

Table 99-26 gBRAggregateMinimumCorrectionFactor

Name	Value
Default	1
Description	Correction factor used to derive the GBR token counter increment from the raw aggregate GBR value.
Displayed name	gBRAggregateMinimumCorrectionFactor (General)
Impact	Partial reset (class B)
Maximum	2
Minimum	0
Step	0.0078125
Type	Floating point

Table 99-27 highMobilityDopplerUplinkThr

Name	Value
Description	Array of 6 Doppler threshold values used to decide if a UE can be switched to high mobility status. The different values correspond to SRS period 5, 10, 20, 40 and 80 subframes respectively.
Impact	No reset (class C)
Type	HighMobilityDopplerUplinkThrType

Table 99-28 id

Name	Value
Description	EnbRadioConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 99-29 initialSIRtargetValueForPUSCHnonSemiStaticUsers

Name	Value
Default	10
Description	Initial SIR Target Value for PUSCH non PUSCH Semi-Static Users. In LA1.0 there is no outer loop power control function for non semi-static scheduling. So the initial value is also the final UL SIR target when UL fractional power control is disabled

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Name	Value
Displayed name	initialSIRtargetValueForPUSCHnonSemiStaticUsers (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	25
Minimum	-5
Step	0.1
Type	Floating point

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Table 99-30 initialSIRtargetValueForPUSCHSemiStaticUsers

Name	Value
Default	10
Description	Initial SIR Target Value for PUSCH Semi-Static Users. In LA0.1 there is no outer loop power control function for semi-static scheduling. So the initial value is also the final UL SIR target
Displayed name	initialSIRtargetValueForPUSCHSemiStaticUsers (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	25
Minimum	-5
Step	0.1
Type	Floating point

Table 99-31 isPrioMetricBiasAllowedForACQIgrants

Name	Value
Default	False
Description	allows to bias the per PRB priority metrics in order to favorize the mapping of PUSCH grants with ACQI report towards the frequency band edges, thereby minimizing PUSCH resource fragmentation
Displayed name	isPrioMetricBiasAllowedForACQIgrants (General)
Impact	Partial reset (class B)
Type	Boolean

Table 99-32 kFacqi

Name	Value
Default	10
Description	Defines the increment of QoS weight component associated to A-CQI granting for each ms of delay wrt the ideal A-CQI granting timing.
Displayed name	kFacqi (General)
Impact	Partial reset (class B)
Maximum	2047
Minimum	0
Type	Integer

Table 99-33 lowMobilityDopplerUplinkThr

Name	Value
Description	Array of 6 Doppler threshold values used to decide if a UE can be switched to low mobility status. The different values correspond to SRS period 5, 10, 20, 40 and 80 subframes respectively.
Impact	No reset (class C)
Type	LowMobilityDopplerUplinkThrType

Table 99-34 mandatoryTpcThresholdRelativeDown

Name	Value
Default	3
Description	To dynamically decide if a TPC-Group Command (DCI-Format3 or -Format3A) is mandatorily needed, the Layer 2 needs this threshold. Mandatory TPC if (measuredUIPower > targetUIPower + threshold). If decided as mandatory, the power of the UE will be decreased
Displayed name	mandatoryTpcThresholdRelativeDown (General)
Impact	Partial reset (class B)
Maximum	6
Minimum	0.25
Step	0.25
Type	Floating point
Units	dB

Table 99-35 mandatoryTpcThresholdRelativeUp

Name	Value
Default	3
Description	To dynamically decide if a TPC-Group Command (DCI-Format3 or -Format3A) is mandatorily needed, the Layer 2 needs this threshold. Mandatory TPC if (measuredUIPower < targetUIPower - threshold). If decided as mandatory, the power of the UE will be increased.
Displayed name	mandatoryTpcThresholdRelativeUp (General)
Impact	Partial reset (class B)
Maximum	6
Minimum	0.25
Step	0.25
Type	Floating point
Units	dB

Table 99-36 maxAperiodicCQIGrantSizeAtMPEstage3

Name	Value
Default	8PRB
Description	Maximum PUSCH grant size (in terms of PRB number) that is allowed to be issued when a UE is expected to include an A-CQI report in the first HARQ transmission
Displayed name	maxAperiodicCQIGrantSizeAtMPEstage3 (General)
Impact	Partial reset (class B)
Type	ValidULgrantSizeEnum

Table 99-37 maxFacqi

Name	Value
Default	400
Description	Defines the maximum value of the QoS weight component associated to A-CQI granting management in the UL dynamic scheduler.
Displayed name	maxFacqi (General)
Impact	Partial reset (class B)
Maximum	10000
Minimum	0
Type	Integer

Table 99-38 maxHARQtxWithoutMGcollisionFor40msMGPattern

Name	Value
Default	2
Description	Controls the minimum of PUSCH transmissions (for FDD), or PUSCH and PHICH transmissions (for TDD), and subsequent retransmissions, that are guaranteed not to collide with a Measurement Gap when the MG period is 40ms.
Displayed name	maxHARQtxWithoutMGcollisionFor40msMGPattern (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	1
Type	Integer

Table 99-39 maxHARQtxWithoutMGcollisionFor80msMGPattern

Name	Value
Default	2
Description	Controls the minimum of PUSCH transmissions (for FDD), or PUSCH and PHICH transmissions (for TDD), and subsequent retransmissions, that are guaranteed not to collide with a Measurement Gap when the MG period is 80ms.
Displayed name	maxHARQtxWithoutMGcollisionFor80msMGPattern (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	1
Type	Integer

Table 99-40 maximumGBRDeficitFactor

Name	Value
Default	1000
Description	Factor used to compute the maximum GBR deficit that can be accumulated by the GBR token counter metric
Displayed name	maximumGBRDeficitFactor (General)
Impact	Partial reset (class B)
Maximum	1000
Minimum	0
Step	1000
Type	Integer

Table 99-41 maximumSIRCorrectionValueForPUSCH

Name	Value
Description	Provides information on the maximum SIR target correction value.
Displayed name	maximumSIRCorrectionValueForPUSCH (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	10
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 99-42 maxNbrOfACQIrequestAtMPEstage0

Name	Value
Default	3
Description	Max number of UEs with the intention to request an A-CQI report that are allowed to be pre-selected in a given subframe period by the UL Dynamic Scheduler in MPE stage 0.
Displayed name	maxNbrOfACQIrequestAtMPEstage0 (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 99-43 maxNbrOfPCQIonPUSCHAtMPEstage0

Name	Value
Default	3
Description	Max number of UEs scheduled for P-CQI or P-RI reporting that are allowed to be pre-selected in a given subframe period by the UL Dynamic Scheduler in MPE stage 0.
Displayed name	maxNbrOfPCQIonPUSCHAtMPEstage0 (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 99-44 maxNbrOfUsersConsideredAtMPEstage1

Name	Value
Description	max nbr of active UEs in one TTI that are re-selected out of all the active UEs to be the UL dynamic scheduling candidates.
Displayed name	MaxNbrOfUsersConsideredAtMPEstage1 (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer

Table 99-45 maxNbrOfUsersForStretchingPHlimit

Name	Value
Default	4
Description	This UL scheduler parameter describes the maximum allowed number of active users in the cell for considering giving more PRB than what is allowed according to the UEsâ power headroom limitation. This threshold restricts the use of this branch of the scheduler algorithm to cases where the number of users is low and thus there is no risk of hitting CPU processing issue. This also corresponds also to scenarios where the extra logic is most likely to bring a cell performance gain.
Displayed name	maxNbrOfUsersForStretchingPHlimit (General)
Impact	Partial reset (class B)
Maximum	16
Minimum	0
Type	Integer
Units	users

Table 99-46 maxNumberOfMPEiterations

Name	Value
Default	6
Description	Max Number Of MPE iterations allowed in one TTI
Displayed name	maxNumberOfMPEiterations (General)
Impact	Partial reset (class B)
Maximum	16
Minimum	1
Type	Integer
Units	iterations

Table 99-47 mCScorectionBeforeRACHmsg1And3ForHigherBLERtarget

Name	Value
Description	4 element long table used when the UE is using the higher BLER target settings. The table is used to make the PUSCH MCS decision more conservative when the PUSCH grant has a risk to collide with a RACH msg1 or 3 event. The first element is used for a grant 8 ms before a RACH msg1 or 3, the second element is used for a grant 16 ms, etc...
Impact	Partial reset (class B)
Type	MCScorectionBeforeRACHmsg1And3ForHigherBLERtargetType
Units	dB

Table 99-48 mCScorectionBeforeRACHmsg1And3ForLowerBLERtarget

Name	Value
Description	4 element long table used when the UE is using the lower BLER target settings. The table is used to make the PUSCH MCS decision more conservative when the PUSCH grant has a risk to collide with a RACH msg1 or 3 event. The first element is used for a grant 8 ms before a RACH msg1 or 3, the second element is used for a grant 16 ms, etc...
Impact	Partial reset (class B)
Type	MCScorectionBeforeRACHmsg1And3ForLowerBLERtargetType
Units	dB

Table 99-49 mCScorectionForACQlinHigherBLERcase

Name	Value
Default	3
Description	represents the correction used when doing the MCS selection for a PUSCH grant containing an A-CQI report for a call currently using the Higher BLER setpoint.
Displayed name	mCScorectionForACQlinHigherBLERcase (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 99-50 mCScorectionForACQlinLowerBLERcase

Name	Value
Default	2
Description	represents the correction used when doing the MCS selection for a PUSCH grant containing an A-CQI report for a call currently using the Lower BLER setpoint.
Displayed name	mCScorectionForACQlinLowerBLERcase (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 99-51 mCScorectionForGrantsBeforeRachMsg1or3ForHigherBLERSetpoint

Name	Value
Description	Table of 4 elements containing correction to make the MCS decision more conservative N*8ms before a RACH msg1 or 3 event. The first element corresponds to N=1, the second to N=2, etc.. This table is used when the UE is managed with the lowr bler setpoint
Impact	Partial reset (class B)
Type	MCScorectionForGrantsBeforeRachMsg1or3ForHigherBLERSetpointType
Units	dB

Table 99-52 mCScorectionForGrantsBeforeRachMsg1or3ForLowerBLERSetpoint

Name	Value
Description	Table of 4 elements containing correction to make the MCS decision more conservative N*8ms before a RACH msg1 or 3 event. The first element corresponds to N=1, the second to N=2, etc.. This table is used when the UE is managed with the lower bler setpoint
Impact	Partial reset (class B)
Type	MCScorectionForGrantsBeforeRachMsg1or3ForLowerBLERSetpointType
Units	dB

Table 99-53 mCScorectionForPCQlinHigherBLERcase

Name	Value
Default	3
Description	represents the correction used when doing the MCS selection for a PUSCH grant containing an P-CQI/P-RI report for a call currently using the Higher BLER setpoint.
Displayed name	mCScorectionForPCQlinHigherBLERcase (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 99-54 mCScorectionForPCQlinLowerBLERcase

Name	Value
Default	2
Description	represents the correction used when doing the MCS selection for a PUSCH grant containing a P-CQI/P-RI report for a call currently using the Lower BLER setpoint.
Displayed name	mCScorectionForPCQlinLowerBLERcase (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 99-55 mCScorectionForSmallULPackets

Name	Value
Default	3
Description	represents the correction used when doing the MCS selection for a PUSCH grant contains a small packet only (as per SmallPktPuschPRBThr criteria).
Displayed name	mCScorectionForSmallULPackets (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	0

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Name	Value
Step	0.1
Type	Floating point
Units	dB

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Table 99-56 mCScorrectionPCQIguardTime

Name	Value
Default	1
Description	This parameter represents the max number of UL HARQ retransmission before a P-CQI transmission for applying a MCS correction on a higher BLER target UE in order to guaranty a good P-CQI transmission performance.
Displayed name	mCScorrectionPCQIguardTime (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	4
Minimum	0
Type	Integer

Table 99-57 minAmountOfReTxAllowedBeforeRACHmsg1And3

Name	Value
Default	1
Description	Parameter used to control how many HARQ Tx before a RACH msg1 or 3 an UL grant is allowed to be made in the RACH PRB zone. Set this parameter to 0 for optimal cell throughput. Set this parameter to maxHARQtx-1 for no risk of collisions between HARQ reTx and RACH msg1 and 3 events.
Displayed name	minAmountOfReTxAllowedBeforeRACHmsg1And3 (General)
Impact	Partial reset (class B)
Maximum	4
Minimum	0
Type	Integer

Table 99-58 minGrantSizeForCQIreporting

Name	Value
Default	4PRB
Description	Minimum PUSCH grant size (in terms of PRB number) that is allowed to be issued when a UE is expected to include a P-CQI/P-RI or A-CQI report in the first HARQ transmission

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Name	Value
Displayed name	minGrantSizeForCQIreporting (General)
Impact	Partial reset (class B)
Type	ValidULgrantSizeEnum

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Table 99-59 minHARQtxWithoutMGcollisionFor40msMGPattern

Name	Value
Default	2
Description	This parameter controls the minimum of PUSCH transmissions (for FDD), or PUSCH and PHICH transmissions (for TDD), and subsequent retransmissions, that are guaranteed not to collide with a Measurement Gap when the MG period is 40ms.
Displayed name	minHARQtxWithoutMGcollisionFor40msMGPattern (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	1
Type	Integer

Table 99-60 minHARQtxWithoutMGcollisionFor80msMGPattern

Name	Value
Default	2
Description	This parameter controls the minimum of PUSCH transmissions (for FDD), or PUSCH and PHICH transmissions (for TDD), and subsequent retransmissions, that are guaranteed not to collide with a Measurement Gap when the MG period is 80ms.
Displayed name	minHARQtxWithoutMGcollisionFor80msMGPattern (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	1
Type	Integer

Table 99-61 minimumSIRCorrectionValueForPUSCH

Name	Value
Description	Provides information on the minimum SIR target correction value.
Displayed name	minimumSIRCorrectionValueForPUSCH (eNodeB Radio Conf)
Impact	Full reset (class A)

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Name	Value
Maximum	10
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

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Table 99-62 minimumSIRforUEgrantExtension

Name	Value
Default	-5
Description	Minimum post IDFT SINR that is considered acceptable to assign an UL grant extension beyond a UE's power headroom limitation.
Displayed name	minimumSIRforUEgrantExtension (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	-20
Step	0.1
Type	Floating point
Units	dB

Table 99-63 minMCSwithACQI

Name	Value
Default	5
Description	indicates the minimum MCS allowed when A-CQI is multiplexed with PUSCH.
Displayed name	minMCSwithACQI (General)
Impact	Partial reset (class B)
Maximum	22
Minimum	0
Type	Integer

Table 99-64 minMCSwithPCQI

Name	Value
Default	5
Description	indicates the minimum MCS allowed when P-CQI/PMI/RI is multiplexed with PUSCH.
Displayed name	minMCSwithPCQI (General)
Impact	Partial reset (class B)
Maximum	22
Minimum	0
Type	Integer

Table 99-65 mPEstage0HARQguardTimeForPCQI

Name	Value
Default	1
Description	This parameter represents the max number of UL HARQ retransmission before a P-CQI transmission for applying the minimum MCS check carried out at MPE stage 0.
Displayed name	mPEstage0HARQguardTimeForPCQI (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	4
Minimum	0
Type	Integer

Table 99-66 nbrofPUCCHformat1xMeasurementsNeededForSendingValidPUCCHTPCcmd

Name	Value
Default	10
Description	defines the minimum number of UL PUCCH format1x measurements the PUCCH power control function needs to process before being allowed to issue a non null PUCCH power control command.
Displayed name	nbrofPUCCHformat1xMeasurementsNeededForSendingValidPUCCHTPCcmd (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer

Table 99-67 nbrofPUCCHformat2xMeasurementsNeededForSendingValidPUCCHTPCcmd

Name	Value
Default	4
Description	defines the minimum number of UL PUCCH format2x measurements the PUCCH power control function needs to process before being allowed to issue a non null PUCCH power control command.
Displayed name	nbrofPUCCHformat2xMeasurementsNeededForSendingValidPUCCHTPCcmd (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer

Table 99-68 noisePowerAveragingCoefficientForULMIMO

Name	Value
Default	256
Description	IIR filter coefficient for averaging of the noise power metric used for UL MIMO decisions in the UL scheduler. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	NoisePowerAveragingCoefficientForULMIMO (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-69 noiseVarianceMetricSelect

Name	Value
Default	0
Description	This parameter is used to determine which noise variance metric is chosen in RX physical layer processing in the CE. Known as « nvar_select » in the EMIF SIM. T-MMSE PRB noise variance selection. Meaning: 0-- > Use short term metric. 1-- > Use long term metric
Displayed name	NoiseVarianceMetricSelect (General)
Impact	Partial reset (class B)
Maximum	1
Minimum	0
Type	Integer

Table 99-70 noPCQIonPUSCHafterHOfimer

Name	Value
Default	200
Description	This parameter configures the period of time after a handover during which the ULS is not allowed to grant a UE if there is a risk of collision with a P-CQI/P-RI transmission.
Impact	Partial reset (class B)
Maximum	630
Minimum	0
Step	10
Type	Integer
Units	ms

Table 99-71 numberOfIterationsForTurboDecoder

Name	Value
Default	8
Description	The number of iterations for the turbo decoder. The higher the number of iterations, the lower the amount of bandwidth the turbo decoder can process. This parameter is linked to the Peak CE Decoding Capability. The higher the number of iterations, the lower the CE decoding capability
Displayed name	numberOfIterationsForTurboDecoder (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	10
Minimum	1
Type	Integer

Table 99-72 numberOfULmeasurementsNeededForSendingValidTPCCCommandForPUCCH

Name	Value
Default	8
Description	defines the minimum number of UL measurement samples to be received between two consecutive non null PUCCH power control commands.
Displayed name	numberOfULmeasurementsNeededForSendingValidTPCCCommandForPUCCH (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	255
Minimum	1
Type	Integer

Table 99-73 numberOfULmeasurementsNeededForSendingValidTPCCommandForPUSCHdynamicMode

Name	Value
Default	50
Description	defines the minimum number of UL measurement samples to be received between two consecutive non null PUSCH power control commands when only dynamic scheduling (and thus not semi-static scheduling) is activated for a UE.
Displayed name	numberOfULmeasurementsNeededForSendingValidTPCCommandForPUSCHdynamicMode (eNodeB Radio Conf)
Impact	No reset (class C)
Maximum	255
Minimum	1
Type	Integer

Table 99-74 numberOfULmeasurementsNeededForSendingValidTPCCommandForPUSCHsemiStaticMode

Name	Value
Default	6
Description	defines the minimum number of UL measurement samples to be received between two consecutive non null PUSCH power control commands when semi-static scheduling is activated for a UE when semi-static scheduling is activated for a UE.
Displayed name	numberOfULmeasurementsNeededForSendingValidTPCCommandForPUSCHsemiStaticMode (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	255
Minimum	1
Type	Integer

Table 99-75 numberOfULmeasurementsNeededForSendingValidTPCCommandForPUSCHspsMode

Name	Value
Default	2
Description	This parameter represents the minimum number of UL measurement samples to be received between two consecutive non null PUSCH power control commands when the UE is SPS active state.
Displayed name	numberOfULmeasurementsNeededForSendingValidTPCCommandForPUSCHspsMode (General)
Impact	Partial reset (class B)
Maximum	255

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Name	Value
Minimum	1
Type	Integer

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Table 99-76 pathLossAveragingCoefficient

Name	Value
Default	4096
Description	IIR filter coefficient for averaging of the path loss estimate. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range
Displayed name	pathLossAveragingCoefficient (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-77 peakCEDecodingCapability

Name	Value
Default	25000
Description	Represents the peak channel decoding capability of the cell in terms of maximum number of transport block bit that can be scheduled per TTI in the cell. The value is a function of the value of the related numberOfIterationsForTurboDecoder parameter.
Displayed name	peakCEDecodingCapability (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	100000
Minimum	0
Step	125
Type	Integer
Units	bit/ms

Table 99-78 periodicCQISINRAveragingCoefficient

Name	Value
Default	252
Description	forgetting factor for time averaging CQI calculation when receiving periodic CQI reports. Value is divided by 256 and subtracted from 1 to provide a forgetting factor between 0 and 0,996
Displayed name	periodicCQISINRAveragingCoefficient (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 99-79 periodicCQISINRAveragingCoefficientForSPSDI

Name	Value
Default	252
Description	This parameter determines the forgetting-factor for time-averaging CQI calculation for SPS when receiving Periodic CQI reports. The provisioned value is divided by 256 and subtracted from 1 to provide a forgetting-factor between 0 and 0,996.
Displayed name	periodicCQISINRAveragingCoefficientForSPSDI (General)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 99-80 periodicRIRankAveragingCoefficient

Name	Value
Default	15
Description	forgetting factor for time averaging rank calculation when receiving periodic RI reports. Value is divided by 256 and subtracted from 1 to provide a forgetting factor between 0 and 0,996
Displayed name	periodicRIRankAveragingCoefficient (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	256
Minimum	1
Type	Integer

Table 99-81 pHRthresholdFor700MHzZoneA

Name	Value
Default	22
Description	Table of PHR threshold levels defining the max number of PRB allowed for granting in UL frequency zone A when the "700 MHz upper block C" mode is enabled.
Displayed name	pHRthresholdFor700MHzZoneA (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	58
Minimum	-24
Step	0.5
Type	Floating point
Units	dB

Table 99-82 pHRthresholdFor700MHzZoneAUntil_V2_x

Name	Value
Description	Table of PHR threshold levels defining the max number of PRB allowed for granting in UL frequency zone A when the "700 MHz upper block C" mode is enabled.
Impact	Full reset (class A)
Type	pHRthresholdFor700MHzZoneAType
Units	dB

Table 99-83 pHRthresholdFor700MHzZoneB1

Name	Value
Default	22
Description	Table of PHR threshold levels defining the max number of PRB allowed for granting in UL frequency zone B1 when the "700 MHz upper block C" mode is enabled.
Displayed name	pHRthresholdFor700MHzZoneB1 (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	58
Minimum	-24
Step	0.5
Type	Floating point
Units	dB

Table 99-84 pHRthresholdFor700MHzZoneB1Until_V2_x

Name	Value
Description	Table of PHR threshold levels defining the max number of PRB allowed for granting in UL frequency zone B1 when the "700 MHz upper block C" mode is enabled.
Impact	Full reset (class A)
Type	PHRthresholdFor700MHzZoneB1Type
Units	dB

Table 99-85 pHRthresholdFor700MHzZoneB2

Name	Value
Default	13
Description	Table of PHR threshold levels defining the max number of PRB allowed for granting in UL frequency zone B2 when the "700 MHz upper block C" mode is enabled.
Displayed name	pHRthresholdFor700MHzZoneB2 (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	58
Minimum	-24
Step	0.5
Type	Floating point
Units	dB

Table 99-86 pHRthresholdFor700MHzZoneB2Until_V2_x

Name	Value
Description	Table of PHR threshold levels defining the max number of PRB allowed for granting in UL frequency zone B2 when the "700 MHz upper block C" mode is enabled.
Impact	Full reset (class A)
Type	PHRthresholdFor700MHzZoneB2Type
Units	dB

Table 99-87 pHRthresholdFor700MHzZoneC

Name	Value
Default	8
Description	Table of PHR threshold levels defining the max number of PRB allowed for granting in UL frequency zone C when the "700 MHz upper block C" mode is enabled.

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Name	Value
Displayed name	pHRthresholdFor700MHzZoneC (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	58
Minimum	-24
Step	0.5
Type	Floating point
Units	dB

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Table 99-88 pHRthresholdFor700MHzZoneCUntil_V2_x

Name	Value
Description	Table of PHR threshold levels defining the max number of PRB allowed for granting in UL frequency zone C when the "700 MHz upper block C" mode is enabled.
Impact	Full reset (class A)
Type	pHRthresholdFor700MHzZoneCType
Units	dB

Table 99-89 prbAllocationPeriod

Name	Value
Default	100
Description	This parameter represents the dynamic PRB license allocation period if any band of the eNodeB is under PRB license control.
Displayed name	prbAllocationPeriod (General)
Impact	No reset (class C)
Maximum	500
Minimum	50
Step	50
Type	Integer
Units	ms
Unset supported	Yes

Table 99-90 prbUsageBeforeRachMsg1or3PHRthreshold

Name	Value
Description	Table of thresholds on Normalized Power Headroom value used to decide if a UE is allowed to use the RACH msg1 or 3 region K x 8ms ahead of a RACH message 1 or 3 event. The first element in the table corresponds to the threshold for K=1, the second one is for K=2, etc..
Impact	Partial reset (class B)
Type	PrbUsageBeforeRachMsg1or3PHRthresholdType
Units	dB

Table 99-91 pUCCHDMRSPowerAveragingCoefficient

Name	Value
Description	IIR filter coefficient for averaging of the PUCCH signal power metric. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	pUCCHDMRSPowerAveragingCoefficient (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	16384
Minimum	0
Type	Integer

Table 99-92 pUCCHFormat1xDMRSPowerAveragingCoefficient

Name	Value
Default	2048
Description	IIR filter coefficient for averaging of the PUCCH signal power metric when a PUCCH format 1x transmission is used. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	pUCCHFormat1xDMRSPowerAveragingCoefficient (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-93 pUCCHFormat2xDMRSpowerAveragingCoefficient

Name	Value
Default	4096
Description	IIR filter coefficient for averaging of the PUCCH signal power metric when a PUCCH format 2x transmission is used. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	pUCCHFormat2xDMRSpowerAveragingCoefficient (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-94 pUSCHDMRSINRAveragingCoefficientForDynamicScheduling

Name	Value
Default	300
Description	IIR filter coefficient for averaging of the PUSCH SINR metric. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	PUSCHDMRSINRAveragingCoefficientForDynamicScheduling (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-95 pUSCHDMRSINRAveragingCoefficientForSemiStaticScheduling

Name	Value
Description	IIR filter coefficient for averaging of the PUSCH SINR metric. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	pUSCHDMRSINRAveragingCoefficientForSemiStaticScheduling (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	16384
Minimum	0
Type	Integer

Table 99-96 pUSCHsinrAveragingCoefForDSPowerCtrl

Name	Value
Default	300
Description	This parameter controls the averaging coefficient of the SINR metric used for PUSCH power control when the UE is not configured with an uplink SPS grant. The value represents the IIR filter reference coefficient value assuming an SRS period of 5ms. If the call SRS period is different from 5ms, the coefficient value is automatically adjusted to provide the same averaging window in the time domain. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	pUSCHsinrAveragingCoefForDSPowerCtrl (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-97 pUSCHsinrAveragingCoefForSPSPowerCtrl

Name	Value
Default	8192
Description	This parameter controls the averaging coefficient of the SINR metric used for PUSCH power control when the UE is not configured with an uplink SPS grant. The value represents the IIR filter reference coefficient value assuming an SRS period of 5ms. If the call SRS period is different from 5ms, the coefficient value is automatically adjusted to provide the same averaging window in the time domain. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	pUSCHsinrAveragingCoefForSPSPowerCtrl (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-98 rankAveragingCoefficient

Name	Value
Description	forgetting factor for time averaging rank calculation. Value is divided by 256 and subtracted from 1 to provide a forgetting factor between 0 and 0,996
Displayed name	rankAveragingCoefficient (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	256
Minimum	1
Type	Integer

Table 99-99 sEcorrInit

Name	Value
Default	0
Description	Initial Spectrum Efficiency correction factor value, as per Link Adaptation section in UL DRAPS FN. In dB
Displayed name	sEcorrInit (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	10
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 99-100 sEcorrMax

Name	Value
Default	10
Description	Maximum spectrum Efficiency correction factor value as per Link Adaptation section in UL DRAPS FN. In dB
Displayed name	sEcorrMax (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	10
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 99-101 sEcorrMin

Name	Value
Default	-10
Description	Minimum spectrum Efficiency correction factor value, as per Link Adaptation section in UL DRAPS FN. In dB
Displayed name	sEcorrMin (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	10
Minimum	-10

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Name	Value
Step	0.1
Type	Floating point
Units	dB

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Table 99-102 sEcorrStep

Name	Value
Description	Spectrum Efficiency correction table, as per Link Adaptation section in UL DRAPS FN. The format of this parameter is a table of 10 parameters. Each of them ranges from -0.5 to 0.5 with a step size of 0.1/128. (i.e. 1281 possible values)
Impact	Full reset (class A)
Type	SEcorrStepType
Units	dB

Table 99-103 sEcorrStepForHigherBLER

Name	Value
Description	Spectrum Efficiency correction table to control the higher UL BLER target setting. Higher BLER target setting is used for high velocity UEs when there is no VoIP service and no Measurement Gap active. Format and usage as per Link Adaptation section in UL DRAPS FN. The format of this parameter is a table of 10 parameters. Each of them ranges from -0.5 to 0.5 with a step size of 0.1/128. (i.e. 1281 possible values). Typical settings provides around 50% HARQ 1st HARQ reTx performance.
Impact	Partial reset (class B)
Type	SEcorrStepForHigherBLERType
Units	dB

Table 99-104 sEcorrStepForLowerBLER

Name	Value
Description	Spectrum Efficiency correction table to control the lower UL BLER target setting. Lower BLER target setting is used for low velocity UEs, VoIP users and Calls with Measurement Gap active. Format and usage as per Link Adaptation section in UL DRAPS FN. The format of this parameter is a table of 10 parameters. Each of them ranges from -0.5 to 0.5 with a step size of 0.1/128. (i.e. 1281 possible values). Typical settings provides around 10% HARQ 1st HARQ reTx performance.
Impact	Partial reset (class B)
Type	SEcorrStepForLowerBLERType
Units	dB

Table 99-105 sIRtargetCorrectionFactorTableForPUSCHsemiStaticUsers

Name	Value
Description	Table of SIR target correction steps to be applied as a function of the number of HARQ Tx observed. Size of table = 10. Used for PUSCH power control in the case of UL semi-static patterns.
Impact	Full reset (class A)
Type	SIRtargetCorrectionFactorTableForPUSCHsemiStaticUsersType
Units	dB

Table 99-106 smallPktHPuschPowerMargin

Name	Value
Default	3
Description	UE power margin indicating UE has ample power to transmit much larger pkt, so the small pkts are only due to small BO.
Displayed name	smallPktHPuschPowerMargin (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	20
Minimum	0
Type	Integer

Table 99-107 smallPktPuschPRBThr

Name	Value
Default	3
Description	Threshold (expressed in PRB) to decide if an UL grant shall be processed as a "small packet" UL grant or not. "small packet" UL grants are managed to ensure that the number of HARQ reTx is limited in order to reduce PUSCH resource fragmentation
Displayed name	smallPktPuschPRBThr (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer
Units	bytes

Table 99-108 spsBLCStabilizationPeriodDL

Name	Value
Default	160
Description	This parameter determines the time required to allow the BLER Loop Control for SPS to converge.
Displayed name	spsBLCStabilizationPeriodDL (General)
Impact	Partial reset (class B)
Maximum	1000
Minimum	0
Step	20
Type	Integer
Units	ms

Table 99-109 sRSpowerAveragingCoefficient

Name	Value
Description	IIR filter coefficient for averaging of the SRS signal power metric used for frequency selective scheduling. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range
Displayed name	sRSpowerAveragingCoefficient (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	16384
Minimum	0
Type	Integer

Table 99-110 sRSpowerForULSyncAveragingCoefficient

Name	Value
Default	1024
Description	IIR filter coefficient for averaging of the SRS signal power metric used for UL sync detection. The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range
Displayed name	sRSpowerForULSyncAveragingCoefficient (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-111 srsSINRInitialValue

Name	Value
Default	3
Description	initial SRS SINR initial value used for UL scheduling. This parameter is used upon receipt of a RACH msg3 in scenarios other than RRC Connection Setup scenarios.
Displayed name	srsSINRInitialValue (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	20
Minimum	-15
Step	0.1
Type	Floating point
Units	dB

Table 99-112 srsSINRsynchronInitialValue

Name	Value
Default	20
Description	initial SRS SINR initial value used for UL synch monitoring. This parameter is used upon receipt of a RACH msg3 in scenarios other than RRC Connection Setup scenarios.
Displayed name	srsSINRsynchronInitialValue (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	20
Minimum	-15
Step	0.1
Type	Floating point
Units	dB

Table 99-113 throughputEstimationForgettingFactorForFSSFDSSelection

Name	Value
Default	252
Description	This parameter determines the forgetting factor for time-averaging throughput computation to decided whether UE should switch to FDS/FSS. The provisioned value is divided by 256 and subtracted from 1 to provide a forgetting-factor between 0 and 0,996.
Displayed name	throughputEstimationForgettingFactorForFSSFDSSelection (General)
Impact	Partial reset (class B)
Maximum	256

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Name	Value
Minimum	1
Type	Integer

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Table 99-114 uLCCESpaceMaxOverbookingFactor

Name	Value
Default	1
Description	This parameter specifies the maximum CCE search space overbooking factor allowed at the UL scheduling pre-selection stage. Used for TDD only.
Displayed name	uLCCESpaceMaxOverbookingFactor (General)
Impact	Partial reset (class B)
Maximum	3
Minimum	0
Type	Integer

Table 99-115 uLMCSTransitionTableForLargePUSCHGrants

Name	Value
Description	A table, composed of 22 SNR values, in dB, for switching between 2 consecutive Uplink MCSS. This table is used for large UL grants, i.e. grants equal or larger than the value of the uLMCSTransitionTablePRBsizeThreshold parameter
Impact	No reset (class C)
Type	ULMCSTransitionTableForLargePUSCHGrantsType
Units	dB

Table 99-116 uLMCSTransitionTableForSmallPUSCHGrants

Name	Value
Description	A table, composed of 22 SNR values, in dB, for switching between 2 consecutive Uplink MCSS. This table is used for small UL grants, i.e. grants smaller than the value of the uLMCSTransitionTablePRBsizeThreshold parameter
Impact	No reset (class C)
Type	ULMCSTransitionTableForSmallPUSCHGrantsType
Units	dB

Table 99-117 ulMCSTransitionTablePRBsizeThreshold

Name	Value
Default	7
Description	Smallest PUSCH grant size for using the ulMCSTransitionTableForLargePUSCHGrants instead of the ulMCSTransitionTableForSmallPUSCHGrants transition table.
Displayed name	ulMCSTransitionTablePRBsizeThreshold (eNodeB Radio Conf)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 99-118 ulSchedMPEstage3AccountForBO

Name	Value
Default	enabled
Description	Indicates if BO is accounted for to compute the max number of UL PRB that can be assigned to a UE.
Displayed name	ulSchedMPEstage3AccountForBO (eNodeB Radio Conf)
Impact	Partial reset (class B)
Type	DisabledEnabledEnum

Table 99-119 ulSyncSINROOStoSyncThreshold

Name	Value
Default	-4
Description	This parameter defines the threshold for transition from Out-of-Sync to In-Sync status in UL scheduler.
Displayed name	ulSyncSINROOStoSyncThreshold (eNodeB Radio Conf)
Impact	No reset (class C)
Maximum	10
Minimum	-20
Step	0.1
Type	Floating point
Units	dB

Table 99-120 ulSyncSINROOStoSyncTreshold

Name	Value
Default	-4
Description	Threshold for transition from Out of Sync to In Sync status in UL scheduler.
Displayed name	ulSyncSINROOStoSyncTreshold (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	10
Minimum	-20
Step	0.1
Type	Floating point
Units	dB

Table 99-121 ulSyncSINRsyncToOOSThreshold

Name	Value
Default	-5
Description	This parameter defines the threshold for transition from In-Sync to Out-of-Sync status in UL scheduler.
Displayed name	ulSyncSINRsyncToOOSThreshold (eNodeB Radio Conf)
Impact	No reset (class C)
Maximum	10
Minimum	-20
Step	0.1
Type	Floating point
Units	dB

Table 99-122 ulSyncSINRsyncToOOSThreshold

Name	Value
Default	-5
Description	Threshold for transition from In Sync to Out of Sync status in UL scheduler.
Displayed name	ulSyncSINRsyncToOOSThreshold (eNodeB Radio Conf)
Impact	Full reset (class A)
Maximum	10
Minimum	-20
Step	0.1

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Name	Value
Type	Floating point
Units	dB

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Table 99-123 ulSyncTimer

Name	Value
Default	3
Description	ULsyncTimer value in second. When a call spend more than TimerULsyncState then MAC notifies CallP.
Displayed name	ulSyncTimer (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Step	0.1
Type	Floating point
Units	s

Table 99-124 uplinkSIRtargetValueForDynamicPUSCHscheduling

Name	Value
Default	4
Description	UL SIR Target Value used for dynamically scheduled PUSCH traffic when Fractional Power control is not enabled.
Displayed name	uplinkSIRtargetValueForDynamicPUSCHscheduling (eNodeB Radio Conf)
Impact	No reset (class C)
Maximum	25
Minimum	-5
Step	0.1
Type	Floating point

Table 99-125 wBSRSsinrForFDHMaveragingCoefficient

Name	Value
Default	2048
Description	IIR filter coefficient for averaging of the wideband SRS SINR power for FD high mobility users The unit corresponds to the granularity of $1/2^{14}$ within the [0, 1] range.
Displayed name	wBSRSsinrForFDHMaveragingCoefficient (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Type	Integer

Table 99-126 weightScaleDueToPCQI

Name	Value
Default	0.3
Description	Correction factor applied to the UL pre-selection metric of users expecting at P-CQI/P-RI transmission in the subframe considered for UL scheduling
Displayed name	weightScaleDueToPCQI (eNodeB Radio Conf)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Step	0.1
Type	Floating point
Units	dB

100 –EnbRadioConfTDD

Table 100-1 EnbRadioConfTDD parameters

Parameters	
id mCScorectionForIRC	srsSinrAgingFactor uLMultiAntennaGain

Table 100-2 id

Name	Value
Description	EnbRadioConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 100-3 mCScorrectionForIRC

Name	Value
Default	0
Description	This parameter specifies the correction coefficient used when doing the MCS selection for a PUSCH grant for IRC. IRC is only supported in TDD. This parameter is used on the cells of eNodeB whose l1ReceiverMethod=IRC(1).
Displayed name	mCScorrectionForIRC (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	-10
Step	0.1
Type	Floating point

Table 100-4 srsSinrAgingFactor

Name	Value
Default	1632
Description	This parameter specifies the aging factor used for PRB group SINR when support sub-band SRS.
Displayed name	srsSinrAgingFactor (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Step	16
Type	Integer

Table 100-5 uLMultiAntennaGain

Name	Value
Description	This parameter provides the list of antenna gain over the averaged SINR reported from L1. The list size is 8. The 8 values from the first one to the last one indicate the antenna gain of each possible antenna numbers from 1 antenna case to 8 antennas case. The antenna number is configured by LteCellTDD::numberOfULAntennas if no path failure. If path fail, the real used antenna number is reported from L1.
Impact	No reset (class C)
Type	ULMultiAntennaGainType
Units	dB

101 –EnbTransportConf

Table 101-1 EnbTransportConf parameters

Parameters	
enbEgressAggregatedFlowCbs enbEgressAggregatedFlowEbs enbEgressAggregatedFlowEir enbEgressTransportBandwidth	enbEgressTransportBandwidthShapingPercentage id ulSchedulingBufferSizeList ulTransportTrafficShapingEnabled

Table 101-2 enbEgressAggregatedFlowCbs

Name	Value
Default	16
Description	The CBS (Committed Burst Size, in terms of bytes) of the eNB aggregated flow for UL traffic shaping. This parameter uses kBytes unit. Therefore the CBS configured for the UL shaper shall be multiplied by 8000 since the shaper uses the unit bits.
Displayed name	enbEgressAggregatedFlowCbs (General)
Impact	Full reset (class A)
Maximum	1000000
Minimum	0
Type	Integer
Units	Kbytes

Table 101-3 enbEgressAggregatedFlowEbs

Name	Value
Default	0
Description	The EBS (Excess Burst Size, in terms of bytes) of the eNB aggregated flow for UL traffic shaping. This parameter uses kBytes unit. Therefore the EBS configured for the UL shaper shall be multiplied by 8000 since the shaper uses the unit bits.
Displayed name	enbEgressAggregatedFlowEbs (General)
Impact	Full reset (class A)
Maximum	1000000
Minimum	0
Type	Integer
Units	Kbytes

Table 101-4 enbEgressAggregatedFlowEir

Name	Value
Default	0
Description	The EIR (Excess Information Rate) of the eNB aggregated flow for UL traffic shaping. This parameter uses kbps unit. Therefore the EIR configured for the UL shaper shall be multiplied by 1000 since the shaper uses the unit bps.
Displayed name	enbEgressAggregatedFlowEir (General)
Impact	Full reset (class A)
Maximum	1000000
Minimum	0
Type	Integer
Units	Kb/s

Table 101-5 enbEgressTransportBandwidth

Name	Value
Default	800000
Description	This is normally the eNB transport backhaul bandwidth (rate limit) provided by the operator or the third party transport provider. The UL traffic shaper shall limit the aggregated UL rate being always lower than this rate.
Displayed name	enbEgressTransportBandwidth (General)
Impact	Full reset (class A)
Maximum	2000000
Minimum	0

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Name	Value
Type	Integer
Units	Kb/s

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Table 101-6 enbEgressTransportBandwidthShapingPercentage

Name	Value
Default	100
Description	This is a percentage to calculate the real bandwidth (rate limit, i.e., CIR) available to the aggregated flow for the UL traffic shaper, in order to leave some headroom for the shaping algorithm and possible unshaped traffic. The rate limit configured for the shaper shall be this percentage times enbEgressTransportBandwidth. The calculation is: CIR (on the aggregated flow) = enbEgressTransportBandwidthShapingPercentage * enbEgressTransportBandwidth * 1000 (Times 1000 is because CIR for the shaper uses bps unit)
Displayed name	enbEgressTransportBandwidthShapingPercentage (General)
Impact	Full reset (class A)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 101-7 id

Name	Value
Description	EnbTransportConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 101-8 ulSchedulingBufferSizeList

Name	Value
Description	This parameter configures the UL transport shaping per DSCP queue size, in terms of packets. There shall be one number per queue so this parameter is a list.
Impact	Full reset (class A)
Type	UlSchedulingBufferSizeListType

Table 101-9 ulTransportTrafficShapingEnabled

Name	Value
Default	False
Description	The parameter to disable/enable the UL transport interface traffic shaping feature
Displayed name	ulTransportTrafficShapingEnabled (General)
Impact	Full reset (class A)
Type	Boolean

102 –EnbVoipConf

Table 102-1 EnbVoipConf parameters

Parameters	
activeToInactiveSpeechThresholdUl disableVoIpbearerPeriodicBOincreaseDuringSpeechInactivityUl id	inactiveToActiveSpeechBSRthresholdUl inactiveToActiveSpeechthresholdUl sIDframeDetectionThresholdUl

Table 102-2 activeToInactiveSpeechThresholdUl

Name	Value
Default	4
Description	This parameter controls the threshold used for transitioning a UE from "Speech Active" to "Speech Inactive" state. Expressed in number of consecutive non-speech frames.
Displayed name	activeToInactiveSpeechThresholdUl (General)
Impact	Partial reset (class B)
Maximum	16
Minimum	1
Type	Integer

Table 102-3 disableVoIPbearerPeriodicBOincreaseDuringSpeechInactivityUI

Name	Value
Default	True
Description	This parameter controls whether the UL scheduler forces an UL VoIP buffer estimate increase every 160ms or not when it detects UL speech inactivity.
Displayed name	disableVoIPbearerPeriodicBOincreaseDuringSpeechInactivityUI (General)
Impact	Partial reset (class B)
Type	Boolean

Table 102-4 id

Name	Value
Description	EnbVoipConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 102-5 inactiveToActiveSpeechBSRthresholdUI

Name	Value
Default	17
Description	This parameter controls the Buffer Status Report (as per TS 36.321) threshold value. If a BSR report associated to a VoIP report is received with a value higher or equal to that threshold then the UE is transitioned from "Speech Inactive" to "Speech Active" state, if not already in that state. Unit is BSR unit.
Displayed name	inactiveToActiveSpeechBSRthresholdUI (General)
Impact	Partial reset (class B)
Maximum	63
Minimum	0
Type	Integer

Table 102-6 inactiveToActiveSpeechthresholdUI

Name	Value
Default	68
Description	This parameter controls the threshold used for determining whether the amount of observed UL VoIP data observed in 40ms should trigger a transition from "Speech Inactive" to "Speech Active" state. Expressed in bytes.
Displayed name	inactiveToActiveSpeechthresholdUI (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer
Units	bytes

Table 102-7 sIDframeDetectionThresholdUI

Name	Value
Default	68
Description	This parameter controls the threshold used for determining whether the amount of observed UL VoIP data observed in 40ms is a Silence Description Frame or Speech Frame.
Displayed name	sIDframeDetectionThresholdUI (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer
Units	bytes

103 –EPCGateway

Table 103-1 EPCGateway parameters

Parameters	
administrativeState appAssuranceGrpId appAssuranceGrpPartId bearerGtpuSeqNumber bearerGtpuUdpChecksum chargingCcReject chargingIgnoreAny chargingIgnoreHome chargingIgnoreRoaming chargingIgnoreVisiting	chargingNodeId collectStats epcId groupId mobileNodeName nodeId pccDynamicState siteIdAddressType type

Table 103-2 administrativeState

Name	Value
Default	inService
Description	Administrative State for the EPC.
Displayed name	Administrative State (General)
Type	AdministrativeState

Table 103-3 appAssuranceGrpId

Name	Value
Default	0
Description	The group number of this group of BSX MDAs at the gateway level
Export	No
Maximum	255
Minimum	0
Type	Integer

Table 103-4 appAssuranceGrpPartId

Name	Value
Default	0
Description	The partition index within an AA group at the gateway level.
Export	No
Maximum	65535
Minimum	0
Type	Integer

Table 103-5 bearerGtpuSeqNumber

Name	Value
Default	disabled
Description	The value of bearerGtpuSeqNumber specifies whether to ignore the sequence number in the GPRS Tunneling Protocol-User plane (GTP-U) header or not. If the value of this object is set to 'enabled', GTP-U packets are reassembled based on the sequence number and complete packet is forwarded onto S5/S8 interface. If the value of this object is set to 'disabled', the sequence number is ignored and complete packet is forwarded onto S5/S8 interface.
Type	EnableStatus

Table 103-6 bearerGtpuUdpChecksum

Name	Value
Default	disabled
Description	The value of bearerGtpuUdpChecksum specifies whether to validate GPRS Tunneling Protocol-User plane (GTP-U) packets UDP checksum or not. If the value of this object is set to 'enabled', UDP checksum is verified on the received GTP-U packets and reject the packets which fails UDP checksum. If the value of this object is set to 'disabled', UDP checksum is not verified on the received GTP-U packets.
Type	EnableStatus

Table 103-7 chargingCcReject

Name	Value
Default	False
Description	This property is only applicable when modifying an existing object
Displayed name	Reject Charging (Charging)
Type	Boolean

Table 103-8 chargingIgnoreAny

Name	Value
Default	False
Description	This property is only applicable when modifying an existing object
Displayed name	Ignore All (Charging)
Type	Boolean

Table 103-9 chargingIgnoreHome

Name	Value
Default	False
Description	This property is only applicable when modifying an existing object
Displayed name	Ignore Home (Charging)
Type	Boolean

Table 103-10 chargingIgnoreRoaming

Name	Value
Default	False
Description	This property is only applicable when modifying an existing object
Displayed name	Ignore Roaming (Charging)
Type	Boolean

Table 103-11 chargingIgnoreVisiting

Name	Value
Default	False
Description	This property is only applicable when modifying an existing object
Displayed name	Ignore Visiting (Charging)
Type	Boolean

Table 103-12 chargingNodeId

Name	Value
Default	No default
Description	The value specifies an operator configurable identifier for the charging gateway.
Maximum	20
Minimum	0
Type	String

Table 103-13 collectStats

Name	Value
Default	No default
Displayed name	Collect Accounting Statistics (General)
Type	Boolean

Table 103-14 epclId

Name	Value
Default	1
Description	The EPCGateway instance; for rel 1.0, still only ID 1 is allowed; future releases will allow 1-8
Displayed name	EPC ID (General)
Mandatory on creation	Yes
Maximum	8
Minimum	1
Type	Long integer

Table 103-15 groupId

Name	Value
Default	000
Description	Group Id : 3 characters
Displayed name	Group ID (General)
Type	String

Table 103-16 mobileNodeName

Name	Value
Default	No default
Description	The value of mobileNodeName specifies the Serving Gateway (SGW) name. Format : MCC.MNC.SGW.RegionString.GroupID.NodeID where MCC is the Mobile Country Code MNC is the Mobile Network Code RegionString is a string of up to 12 chars. GroupID is the ID of the Group to which the Gateway belongs. NodeID is the ID of the Node within the Group.
Displayed name	Mobile Node Name (General)
Maximum	252
Minimum	0
Type	String

Table 103-17 nodeId

Name	Value
Default	000
Description	Node Id : 3 characters

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Name	Value
Displayed name	Node ID (General)
Type	String

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Table 103-18 pccDynamicState

Name	Value
Default	disabled
Description	The value of pccDynamicState specifies if interaction with Policy and Charging Rules Function (PCRF) is enabled for bearer creation or not. Policy and Charging Control (PCC) rules are pushed from PCRF for dedicated bearer creation.
Displayed name	Dynamic PCC (General)
Type	EnableStatus

Table 103-19 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 103-20 type

Name	Value
Default	None
Displayed name	EPC Subcomponent (General)
Type	EpcTypes

104 –EPSPath

Table 104-1 EPSPath parameters

Parameters	
description id peerIpAddressOnA peerIpAddressOnB	siteIdOnA siteIdOnB symmetry type

Table 104-2 description

Name	Value
Default	No default
Displayed name	Description (General)
Type	String

Table 104-3 id

Name	Value
Default	0
Displayed name	EPS Path ID (General)
Mandatory on creation	Yes
Maximum	100000000

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Name	Value
Minimum	1
Type	Long integer

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Table 104-4 peerIpAddressOnA

Name	Value
Default	No default
Mandatory on creation	Yes
Type	String

Table 104-5 peerIpAddressOnB

Name	Value
Default	No default
Mandatory on creation	Yes
Type	String

Table 104-6 siteldOnA

Name	Value
Default	No default
Mandatory on creation	Yes
Type	String

Table 104-7 siteldOnB

Name	Value
Default	No default
Mandatory on creation	Yes
Type	String

Table 104-8 symmetry

Name	Value
Default	undefined
Displayed name	Symmetry (General)
Type	PathSymmetry

Table 104-9 type

Name	Value
Default	No default
Displayed name	Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

105 –EPSPathComponent

Table 105-1 EPSPathComponent parameters

Parameters	
componentType description endPointASiteld	endPointBSiteld id order

Table 105-2 componentType

Name	Value
Default	No default
Description	can be a network interface, an access interface, a SAP, a service.
Displayed name	Component Type (General)
Type	ComponentType

Table 105-3 description

Name	Value
Default	No default
Displayed name	Description (General)
Type	String

Table 105-4 endPointASiteld

Name	Value
Default	0.0.0.0
Description	Site ID of endpoint A.
Mandatory on creation	Yes
Maximum	64
Type	String

Table 105-5 endPointBSiteld

Name	Value
Default	0.0.0.0
Description	Site ID of endpoint B.
Mandatory on creation	Yes
Maximum	64
Type	String

Table 105-6 id

Name	Value
Default	0
Mandatory on creation	Yes
Minimum	1
Type	Long integer

Table 105-7 order

Name	Value
Default	0
Displayed name	Order (General)
Maximum	30
Minimum	1
Type	Integer

106 –EPSPathDiscoveryHint

Table 106-1 EPSPathDiscoveryHint parameters

Parameters	
description id	selectedForDrillDown type

Table 106-2 description

Name	Value
Default	No default
Displayed name	Description (General)
Maximum	30
Minimum	0
Type	String

Table 106-3 id

Name	Value
Default	0
Displayed name	ID (General)
Mandatory on creation	Yes
Maximum	1000000

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Name	Value
Minimum	1
Type	Long integer

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Table 106-4 selectedForDrillDown

Name	Value
Default	True
Displayed name	High Priority (General)
Type	Boolean

Table 106-5 type

Name	Value
Default	s1u
Displayed name	Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

107 –EPSPathDiscoveryProfile

Table 107-1 EPSPathDiscoveryProfile parameters

Parameters	
description id	type

Table 107-2 description

Name	Value
Default	No default
Displayed name	Description (General)
Type	String

Table 107-3 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	1024
Minimum	1
Type	Long integer

Table 107-4 type

Name	Value
Default	No default
Displayed name	Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

108 –EPSPathSegment

Table 108-1 EPSPathSegment parameters

Parameters	
connectionType description encapType id innerEncapValue	order outerEncapValue segmentType type

Table 108-2 connectionType

Name	Value
Default	No default
Displayed name	Connection Type (General)
Type	ConnectionType

Table 108-3 description

Name	Value
Default	No default
Displayed name	Description (General)
Maximum	30

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Name	Value
Minimum	0
Type	String

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Table 108-4 encapType

Name	Value
Default	null
Description	Encapsulation type for the port binded to; null, qEncap, qinq.
Displayed name	Encapsulation Type (General)
Type	EncapType

Table 108-5 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	100
Minimum	1
Type	Long integer

Table 108-6 innerEncapValue

Name	Value
Default	0
Displayed name	Inner Encapsulation Value (General)
Maximum	4095
Minimum	0
Type	Long integer

Table 108-7 order

Name	Value
Default	0
Displayed name	Order (General)

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Name	Value
Maximum	30
Minimum	1
Type	Integer

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Table 108-8 outerEncapValue

Name	Value
Default	0
Displayed name	Outer Encapsulation Value (General)
Maximum	4095
Minimum	0
Type	Long integer

Table 108-9 segmentType

Name	Value
Default	No default
Displayed name	Segment Type (General)
Type	SegmentType

Table 108-10 type

Name	Value
Default	s1u
Mandatory on creation	Yes
Type	ReferencePointType

109 –EPSPeer

Table 109-1 EPSPeer parameters

Parameters	
description epcId peerIpAddress peerIpAddressType	referencePointSiteIdAddressType type virtualRouterId

Table 109-2 description

Name	Value
Default	No default
Displayed name	Description (General)
Type	String

Table 109-3 epcId

Name	Value
Default	No default
Mandatory on creation	Yes
Type	Long integer

Table 109-4 peerIpAddress

Name	Value
Default	No default
Displayed name	Peer IP Address (General)
Mandatory on creation	Yes
Type	IP address

Table 109-5 peerIpAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 109-6 referencePointSiteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 109-7 type

Name	Value
Default	No default
Displayed name	Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

Table 109-8 virtualRouterId

Name	Value
Default	No default
Displayed name	Virtual Router ID (General)

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Name	Value
Mandatory on creation	Yes
Type	Integer

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110 –EPSPeerWithPort

Table 110-1 peerTcpPort

Name	Value
Default	No default
Displayed name	Peer TCP Port (General)
Mandatory on creation	Yes
Type	Integer

111 –EquipmentStatesSpecifics

Table 111-1 administrativeState

Name	Value
Description	This attribute is used to activate and deactivate the functions of a managed object. The possible states are 'unlocked' and 'locked'."
Displayed name	Administrative State (States)
Type	AdministrativeStateType

112 –EquivalentPLMN

Table 112-1 id

Name	Value
Default	0
Description	SAM Internal ID that is the result of the Composite Key calculation for that class.
Mandatory on creation	Yes
Maximum	1000
Minimum	1
templatable	No
Type	Long integer

113 –ExternalAlarmEntry

Table 113-1 ExternalAlarmEntry parameters

Parameters	
externalAlarmConnectorUsage externalAlarmId externalAlarmLabel externalAlarmNumber	externalAlarmPolarityInversion externalAlarmTrigger id

Table 113-2 externalAlarmConnectorUsage

Name	Value
Default	False
Description	Indicates the usage of the external alarm connector relay: 'true' - An external device is connected to the input relay and is used. 'false' - Either no device is connected to the input relay or it is not enabled for supervision.
Displayed name	External Alarm Connector Usage (General)
Type	Boolean

Table 113-3 externalAlarmId

Name	Value
Description	The alarm ID of the alarm to be raised when the input relay signals an alarm condition.
Displayed name	External Alarm ID (General)
Type	Integer

Table 113-4 externalAlarmLabel

Name	Value
Description	Textual description for the external alarm. To allow to the operator to assign a free text to the customized alarm.
Displayed name	External Alarm User Label (General)
Maximum	300
Type	String

Table 113-5 externalAlarmNumber

Name	Value
Description	The number identifying the input relay.
Displayed name	External Alarm Number (General)
Mandatory on creation	Yes
Maximum	2147483647
Minimum	0
Type	Integer

Table 113-6 externalAlarmPolarityInversion

Name	Value
Default	False
Description	The polarity selected for the external alarm connector relay. 'true' - the inverted polarity is used; 'false' - the standard polarity is used. The default value is 'false'.
Displayed name	External Alarm Polarity Inversion (General)
Type	Boolean

Table 113-7 externalAlarmTrigger

Name	Value
Description	Configures how the external device signals an external alarm to the input relay - by opening or by closing its contact
Displayed name	External Alarm Trigger (General)
Type	Integer

Table 113-8 id

Name	Value
Minimum	1
Type	Long integer

114 –FbFunction

Table 114-1 FbFunction parameters

Parameters	
id numberOfPoints	xtable ytable

Table 114-2 id

Name	Value
Description	FbFunction identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 114-3 numberOfPoints

Name	Value
Default	2
Description	Number of (X,Y) points used for the definition of the Fb function
Displayed name	numberOfPoints (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Maximum	10
Minimum	2
Type	Integer

(2 of 2)

Table 114-4 xtable

Name	Value
Description	This parameter indicates the X point tables used to define the Fb function.
Impact	Partial reset (class B)
Type	XtableType

Table 114-5 ytable

Name	Value
Description	This parameter indicates the Y point tables used to define the Fb function.
Impact	Partial reset (class B)
Type	YtableType

115 –FmFunction

Table 115-1 FmFunction parameters

Parameters	
id numberOfPoints	xtable ytable

Table 115-2 id

Name	Value
Description	FmFunction identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 115-3 numberOfPoints

Name	Value
Default	4
Description	Number of (X,Y) points used for the definition of the Fm function
Displayed name	numberOfPoints (General)

(1 of 2)

Name	Value
Impact	Full reset (class A)
Maximum	10
Minimum	2
Type	Integer

(2 of 2)

Table 115-4 xtable

Name	Value
Description	This parameter indicates the number of X point tables used to define the Fm function.
Impact	Full reset (class A)
Type	XtableType

Table 115-5 ytable

Name	Value
Description	This parameter indicates the number of Y point tables used to define the Fm function.
Impact	Full reset (class A)
Type	YtableType

116 –FnFunction

Table 116-1 FnFunction parameters

Parameters	
id numberOfPoints	xtable ytable

Table 116-2 id

Name	Value
Description	FnFunction identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 116-3 numberOfPoints

Name	Value
Default	4
Description	Number of (X,Y) points used for the definition of the Fn function
Displayed name	numberOfPoints (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Maximum	10
Minimum	2
Type	Integer

(2 of 2)

Table 116-4 xtable

Name	Value
Description	This parameter indicates the number of X point tables used to define the Fn function.
Impact	Partial reset (class B)
Type	XtableType

Table 116-5 ytable

Name	Value
Description	This parameter indicates the number of Y point tables used to define the Fn function.
Impact	Partial reset (class B)
Type	YtableType

117 –FrequencyAndBandwidthFDD

Table 117-1 FrequencyAndBandwidthFDD parameters

Parameters	
dlBandwidth dlEARFCN id priorityOfFreq	resourceBlockPersistentAreaEnd resourceBlockPersistentAreaStart ulBandwidth ulEARFCN

Table 117-2 dlBandwidth

Name	Value
Default	n50_10MHz
Description	The transmission bandwidth configuration (NRB). n6 corresponds to 6 resource blocks, n15 to 15 resource blocks and so on
Displayed name	dlBandwidth (General)
Impact	Partial reset (class B)
Type	SystemBandwidthEnumDL

Table 117-3 dLEARFCN

Name	Value
Description	E-UTRA Absolute Radio Frequency Channel Number for downlink in the cell (DL centre carrier frequency), defined in TS 36.104 5.4.3.
Displayed name	dLEARFCN (General)
Impact	Full reset (class A)
Maximum	39649
Minimum	0
Type	Integer

Table 117-4 id

Name	Value
Description	FrequencyAndBandwidthFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 117-5 priorityOfFreq

Name	Value
Description	1. [36331]: this parameter contributes to the configuration of the IE IdleModeMobilityControlInfo: freqPriorityListEUTRA-FDD (Optional).
Displayed name	priorityOfFreq (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 117-6 resourceBlockPersistentAreaEnd

Name	Value
Default	1
Description	Last Resource Block of the area where the eNodeB should allocate semi-persistent and dynamic DTCH

(1 of 2)

Name	Value
Displayed name	resourceBlockPersistentAreaEnd (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	1
Type	Integer

(2 of 2)

Table 117-7 resourceBlockPersistentAreaStart

Name	Value
Default	2
Description	First Resource Block of area where the eNodeB should allocate semi-persistent and dynamic DTCH
Displayed name	resourceBlockPersistentAreaStart (General)
Impact	Partial reset (class B)
Maximum	98
Minimum	0
Type	Integer

Table 117-8 ulBandwidth

Name	Value
Default	n50_10MHz
Description	Frequency bandwidth for uplink in number of PRBs. Supported bandwidths are Enum {n25-5MHz (2), n50-10MHz (3), n100-20MHz (5)}. In LA1.0, same configuration shall be used for UL and DL bandwidths in the same eNB.
Displayed name	ulBandwidth (General)
Impact	Partial reset (class B)
Type	SystemBandwidthEnumUL
Unset supported	Yes

Table 117-9 uLEARFCN

Name	Value
Description	E-UTRA Absolute Radio Frequency Channel Number for uplink in the cell. Identifies the uplink centre carrier frequency for the cell according to definition in TS 36.104. The value provisioned for uLEARFCN should be consistent with the value provisioned for frequencyBand, per standard. If the values are not consistent, the cell should not be activated.
Displayed name	uLEARFCN (General)
Impact	Partial reset (class B)
Maximum	39649
Minimum	18000
Type	Integer
Unset supported	Yes

118 –FrequencyAndBandwidthTDD

Table 118-1 FrequencyAndBandwidthTDD parameters

Parameters	
bandwidth dIEARFCN id	priorityOffFreq resourceBlockPersistentAreaEnd resourceBlockPersistentAreaStart

Table 118-2 bandwidth

Name	Value
Default	n100_20MHz
Description	The transmission bandwidth configuration (NRB). n6 corresponds to 6 resource blocks, n15 to 15 resource blocks and so on
Displayed name	bandwidth (General)
Impact	Partial reset (class B)
Type	SystemBandwidthEnum

Table 118-3 dIEARFCN

Name	Value
Description	E-UTRA Absolute Radio Frequency Channel Number for downlink in the cell (DL centre carrier frequency), defined in TS 36.104 5.4.3.
Displayed name	dIEARFCN (General)

(1 of 2)

Name	Value
Impact	Full reset (class A)
Maximum	41589
Minimum	36000
Type	Integer

(2 of 2)

Table 118-4 id

Name	Value
Description	FrequencyAndBandwidthTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 118-5 priorityOfFreq

Name	Value
Description	1. [36331]: this parameter contributes to the configuration of the IE IdleModeMobilityControlInfo: freqPriorityListEUTRA-TDD (Optional).
Displayed name	priorityOfFreq (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 118-6 resourceBlockPersistentAreaEnd

Name	Value
Description	Last Resource Block of the area where the eNodeB should allocate semi-persistent and dynamic DTCH
Displayed name	resourceBlockPersistentAreaEnd (General)
Impact	Partial reset (class B)
Maximum	99
Minimum	1
Type	Integer

Table 118-7 resourceBlockPersistentAreaStart

Name	Value
Description	First Resource Block of area where the eNodeB should allocate semi-persistent and dynamic DTCH
Displayed name	resourceBlockPersistentAreaStart (General)
Impact	Partial reset (class B)
Maximum	98
Minimum	0
Type	Integer

119 –FRU

Table 119-1 id

Name	Value
Description	This parameter represents the Board Identifier.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	65000
Minimum	0
Type	Long integer

120 –GaPeer

Table 120-1 gtpPriServerIndex

Name	Value
Description	Value of tmnxMobGtpPriServerIndex specifies the unique value which identifies this IP address entry.
Type	Integer

121 –GaPeerStats

Table 121-1 GaPeerStats parameters

Parameters	
gtpPriGrpName	gtpPriServerIndex

Table 121-2 gtpPriGrpName

Name	Value
Description	The value of tmnxMobGtpPriGrpName specifies the unique name of this GPRS Tunneling Protocol (GTP) Prime Server Group
excludeFromAggregation	true
Maximum	32
Minimum	1
Type	String

Table 121-3 gtpPriServerIndex

Name	Value
Description	Value of tmnxMobGtpPriServerIndex specifies the unique value which identifies this IP address entry.
excludeFromAggregation	true
loggableType	data

(1 of 2)

Name	Value
plottable	No
Type	Integer

(2 of 2)

122 –GeoLocPhaseSync

Table 122-1 id

Name	Value
Description	GeoLocPhaseSync identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

123 –GeranAccessGroup

Table 123-1 id

Name	Value
Description	GeranAccessGroup identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

124 –GeranNeighboring

Table 124-1 GeranNeighboring parameters

Parameters	
id	tReselectionGERAN

Table 124-2 id

Name	Value
Description	GeranNeighboring identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 124-3 tReselectionGERAN

Name	Value
Description	This parameter configures the t-ReselectionGERAN included in the IE SystemInformationBlockType7
Displayed name	tReselectionGERAN (General)
Impact	No reset (class C)

(1 of 2)

Name	Value
Maximum	7
Minimum	0
Type	Integer
Units	s

(2 of 2)

125 –GeranNeighboringCellRelation

Table 125-1 GeranNeighboringCellRelation parameters

Parameters	
arfcn	isCellIncludedForRedirectionAssistance
bandIndicatorGERAN	lac
baseStationColorCode	networkColorCode
bscAccessId	networkColourCode
ci	networkControlOrder
ciV4	rac
dtmCapability	racV4
id	rdnId

Table 125-2 arfcn

Name	Value
Description	This parameter defines the GERAN ARFCN of BCCH carrier refer to 36.331 GERAN-ARFCN-Value IE
Displayed name	arfcn (General)
Impact	No reset (class C)
Maximum	1023
Minimum	0
Type	Integer

Table 125-3 bandIndicatorGERAN

Name	Value
Description	This attribute corresponds to the GERAN band indicator of the group. This IE is optional as not always useful to understand the ARFCN.
Displayed name	bandIndicatorGERAN (General)
Impact	No reset (class C)
Type	BandIndicatorGERANEnum
Unset supported	Yes

Table 125-4 baseStationColorCode

Name	Value
Description	This parameter defines the Base station Colour Code as defined in TS 23.003 refer to 36.331 physCellIdGeran IE
Displayed name	baseStationColorCode (General)
Impact	No reset (class C)
Maximum	3
Minimum	3
Type	String

Table 125-5 bscAccessId

Name	Value
Description	This is a pointer to a BscAccess instance. It enables to indicate the BSC managing the GERAN cell
Export	No
Impact	No reset (class C)
Type	String

Table 125-6 ci

Name	Value
Description	This parameter identifies the GERAN cell for which systemInformation shall be reported. refer to 36.413 RIM Routing Address IE
Displayed name	ci (General)
Impact	No reset (class C)
Maximum	65535

(1 of 2)

Name	Value
Minimum	0
Type	String

(2 of 2)

Table 125-7 ciV4

Name	Value
Description	This parameter identifies the GERAN cell for which systemInformation shall be reported. refer to 36.413 RIM Routing Address IE
Displayed name	ci (General)
Impact	No reset (class C)
Maximum	65535
Minimum	0
Type	Integer

Table 125-8 dtmCapability

Name	Value
Description	This parameter specifies whether the GERAN cell supports DTM capability.
Displayed name	dtmCapability (General)
Impact	No reset (class C)
Type	Boolean

Table 125-9 id

Name	Value
Description	User friendly name of the GERAN cell
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 125-10 isCellIncludedForRedirectionAssistance

Name	Value
Default	False
Description	This parameter indicates whether the GERAN cell can be included for redirection assistance (enhanced redirection).
Displayed name	isCellIncludedForRedirectionAssistance (General)
Impact	No reset (class C)
Type	Boolean

Table 125-11 lac

Name	Value
Default	00
Description	This parameter is used to uniquely identify a Location Area associated within the plmnIdentity parameter refer to 36.413 LAI IE (only the LAC)
Displayed name	lac (General)
Impact	No reset (class C)
Maximum	65535
Minimum	0
Type	String
Units	hex

Table 125-12 networkColorCode

Name	Value
Description	This parameter defines the Network Color Code as defined in TS 23.003 refer to 36.331 physCellIdGeran IE
Displayed name	networkColorCode (General)
Impact	No reset (class C)
Maximum	3
Minimum	3
Type	String

Table 125-13 networkColourCode

Name	Value
Description	This parameter defines the Network Colour Code as defined in TS 23.003 refer to 36.331 physCellIdGeran IE
Displayed name	networkColourCode (General)
Impact	No reset (class C)
Maximum	3
Minimum	3
Type	String

Table 125-14 networkControlOrder

Name	Value
Description	Refers to the parameter NETWORK_CONTROL_ORDER in TS 44.060. 36.331 Used to fill the parameter networkControlOrder in RRCMobilityFromEutraCommand
Displayed name	networkControlOrder (General)
Impact	No reset (class C)
Maximum	2
Minimum	2
Type	String
Unset supported	Yes

Table 125-15 rac

Name	Value
Default	0
Description	This parameter is used to identify a Routing Area within a Location Area refer to 36.413 RAC IE
Displayed name	rac (General)
Impact	No reset (class C)
Maximum	255
Minimum	0
Type	String
Units	hex

Table 125-16 racV4

Name	Value
Default	0
Description	This parameter is used to identify a Routing Area within a Location Area refer to 36.413 RAC IE
Displayed name	rac (General)
Impact	No reset (class C)
Maximum	255
Minimum	0
Type	Integer

Table 125-17 rdnlId

Name	Value
Description	RDN of the MIB object instance
Displayed name	rdnlId (General)
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

126 –GeranNeighboringFreqsConf

Table 126-1 GeranNeighboringFreqsConf parameters

Parameters	
bandGERAN bandIndicatorGERAN geranARFCNList	id priorityOfFreqs

Table 126-2 bandGERAN

Name	Value
Description	This indicates the GERAN band for the ARFCN list.
Displayed name	bandGERAN (General)
Impact	No reset (class C)
Type	BandGeranEnum

Table 126-3 bandIndicatorGERAN

Name	Value
Description	This attribute corresponds to the GERAN band indicator of the group. This IE is optional as not always useful to understand the ARFCN.
Displayed name	BandIndicatorGERAN (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	BandIndicatorGERANEnum

(2 of 2)

Table 126-4 geranARFCNList

Name	Value
Description	This attribute corresponds to a list of GERAN ARFCN
Impact	No reset (class C)
Type	List name GeranARFCNListType maps to singular value: INT

Table 126-5 id

Name	Value
Description	RDN of the MIB object instance
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	15
Minimum	0
Type	Integer

Table 126-6 priorityOfFreqs

Name	Value
Description	1. [36331]: this parameter contributes to the configuration of the IE IdleModeMobilityControlInfo: freqPriorityListGERAN (Optional) 2. This attribute is used by the Algorithm for RRC Measurement Configuration 3. This attribute is used by the Algorithm for Control Procedure for Mobility (RAT chosen for the blind redirection)
Displayed name	priorityOfFreqs (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

127 –GeranSpeedConf

Table 127-1 GeranSpeedConf parameters

Parameters	
id tReselectionGERANSfHigh	tReselectionGERANSfMedium

Table 127-2 id

Name	Value
Description	GeranSpeedConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 127-3 tReselectionGERANSfHigh

Name	Value
Description	TS36.331v850: this parameter contributes to the configuration of the IE SystemInformationBlockType7 TS36.331v850: this parameter configures the t-ReselectionGERAN-SF included in the IE SystemInformationBlockType7
Displayed name	tReselectionGERANSfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum

Table 127-4 tReselectionGERANSfMedium

Name	Value
Description	TS36.331v850: this parameter contributes to the configuration of the IE SystemInformationBlockType7 TS36.331v850: this parameter configures the t-ReselectionGERAN-SF included in the IE SystemInformationBlockType7
Displayed name	tReselectionGERANSfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum

128 –GeranSpeedDependentConf

Table 128-1 GeranSpeedDependentConf parameters

Parameters	
id tReselectionGERANSfHigh	tReselectionGERANSfMedium

Table 128-2 id

Name	Value
Description	GeranSpeedDependentConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 128-3 tReselectionGERANSfHigh

Name	Value
Description	This parameter contributes to the configuration of the IE SystemInformationBlockType7. See TS36.331. This parameter configures the t-ReselectionGERAN-SF included in the IE SystemInformationBlockType7. See TS36.331.
Displayed name	tReselectionGERANSfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum

Table 128-4 tReselectionGERANSfMedium

Name	Value
Description	This parameter contributes to the configuration of the IE SystemInformationBlockType7. See TS36.331. This parameter configures the t-ReselectionGERAN-SF included in the IE SystemInformationBlockType7. See TS36.331.
Displayed name	tReselectionGERANSfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum

129 –GlobalTransportConf

Table 129-1 GlobalTransportConf parameters

Parameters	
dscpSettingEnable id packetsLossRateMeasurementPeriod	pBitForArp pBitSettingEnable

Table 129-2 dscpSettingEnable

Name	Value
Default	True
Description	This parameter enables the use of QCI-DSCP and ControlFlow-DSCP mapping configured by the operator. If disabled the DSCP is populated with the default DSCP value, which is DSCP = 0 (BE).
Displayed name	dscpSettingEnable (General)
Impact	No reset (class C)
Type	Boolean

Table 129-3 id

Name	Value
Description	GlobalTransportConf identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

Table 129-4 packetsLossRateMeasurementPeriod

Name	Value
Default	120
Description	This parameter configures the period to measure the packet loss rate.
Displayed name	packetsLossRateMeasurementPeriod (General)
Impact	No reset (class C)
Maximum	300
Minimum	10
Type	Integer
Units	s

Table 129-5 pBitForArp

Name	Value
Default	5
Description	This parameter gives the value of the P-bit to be set in the Ethernet frames containing ARP messages.
Displayed name	pBitForArp (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 129-6 pBitSettingEnable

Name	Value
Default	True
Description	This parameter enables the use of DSCP-Pbit mapping configured by the operator. If disabled the P-bit is populated with the default P-bit value, which is P-bit = 0 (BE).

(1 of 2)

Name	Value
Displayed name	pBitSettingEnable (General)
Impact	No reset (class C)
Type	Boolean

(2 of 2)

130 –GpsTime

Table 130-1 id

Name	Value
Description	GpsTime identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

131 –GtpPrimaryServerListEntry

Table 131-1 GtpPrimaryServerListEntry parameters

Parameters	
echoInterval gtpPrimaryServerAddr gtpPrimaryServerAddrType gtpPrimaryServerAdminState maxRequests pathProtocol	primeServerGroupName retries serverPort serverPriority timeout

Table 131-2 echoInterval

Name	Value
Default	60
Description	The value specifies the interval at which the system should send echo-requests for the GPRS Tunneling Protocol (GTP) PDUs used to send the Charging Data Records (CDR).
Displayed name	Echo Interval (General)
Maximum	3600
Minimum	1
Type	Integer
Units	seconds

Table 131-3 gtpPrimaryServerAddr

Name	Value
Default	No default
Description	The value specifies the IP address of the peer for which this entry contains information. If the value of the corresponding gtpPrimaryServerAddrType is 'dns', then the IP address for this Peer will be obtained via DNS A-Record query.
Displayed name	Primary Server Address (General)
Mandatory on creation	Yes
Type	IP address

Table 131-4 gtpPrimaryServerAddrType

Name	Value
Default	ipv4
Description	The value specifies the type of address represented by gtpPrimaryServerAddr.
Mandatory on creation	Yes
Type	InetAddressType

Table 131-5 gtpPrimaryServerAdminState

Name	Value
Default	outOfService
Description	The value specifies the desired administrative state of this GPRS Tunneling Protocol (GTP) primary server.
Displayed name	Administrative State (General)
Type	AdministrativeState

Table 131-6 maxRequests

Name	Value
Default	256
Description	The value specifies the maximum number of unacknowledged GPRS Tunneling Protocol (GTP) PDUs before the system stops sending the Charging Data Records (CDR).
Displayed name	Maximum Requests (General)
Maximum	512
Minimum	1
Type	Integer

Table 131-7 pathProtocol

Name	Value
Default	udp
Description	The value specifies the destination TCP or UDP port number for GTP.
Displayed name	Path Protocol (General)
Type	TransportProtocolType

Table 131-8 primeServerGroupName

Name	Value
Default	default
Mandatory on creation	Yes
Type	String

Table 131-9 retries

Name	Value
Default	4
Description	The value specifies the number of times the system will attempt to send a GPRS Tunneling Protocol (GTP) PDU to a Charging Gateway Function (CGF).
Displayed name	Retries (General)
Maximum	8
Minimum	1
Type	Integer

Table 131-10 serverPort

Name	Value
Default	3386
Description	The value specifies the destination TCP or UDP port number for GTP.
Displayed name	Server Port (General)
Maximum	65535
Minimum	1
Type	Long integer

Table 131-11 serverPriority

Name	Value
Description	The value of specifies the priority of the this GPRS Tunneling Protocol (GTP) primary server.
Displayed name	Server Priority (General)
Maximum	100
Minimum	0
Type	Integer

Table 131-12 timeout

Name	Value
Default	20
Description	The value specifies the interval between GPRS Tunneling Protocol (GTP) PDU retries.
Displayed name	Time Out (General)
Maximum	180
Minimum	1
Type	Integer
Units	seconds

132 –GtpPrimeServerGroupProfile

Table 132-1 GtpPrimeServerGroupProfile parameters

Parameters	
adminState	fileExtension
cf1Limit	filePrivateInfo
cf2Limit	inactiveTimer
deadTime	maxCdrsPerPdu
fileClosureLifeTime	obsoleteTime
fileClosureMaxRecords	primaryCompactFlash
fileClosureSize	queueSize

Table 132-2 adminState

Name	Value
Default	outOfService
Description	The value specifies the desired administrative state of this GPRS Tunneling Protocol (GTP) Prime Server.
Displayed name	Administrative State (General)
Type	AdministrativeState

Table 132-3 cf1Limit

Name	Value
Default	0
Description	The value specifies the limit (in megabytes) for an amount of memory on the first compact flash that can be used for the Charging Data Records (CDR) storage. Once the threshold has been reached, the system can no longer support accurate charging.
Displayed name	Configuration File Limit (General)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Mbytes

Table 132-4 cf2Limit

Name	Value
Default	0
Description	The value specifies the limit (in megabytes) for an amount of memory on the second compact flash that can be used for the Charging Data Records (CDR) storage. Once the threshold has been reached, the system can no longer support accurate charging.
Displayed name	Configuration File Limit (General)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Mbytes

Table 132-5 deadTime

Name	Value
Default	0
Description	The value specifies the time that a server should be considered dead before it may be used again.
Displayed name	Dead Time (General)
Maximum	3600
Minimum	0
Type	Integer
Units	seconds

Table 132-6 fileClosureLifeTime

Name	Value
Default	1
Description	The value specifies an operator configurable file closure lifetime. The file is closed after the specified duration.
Displayed name	File Closure Life Time (General)
Maximum	24
Minimum	1
Type	Integer
Units	hours

Table 132-7 fileClosureMaxRecords

Name	Value
Default	50000
Description	The value specifies an operator configurable limit for the number of Charging Data Records (CDR) that are stored in a file. The file is closed after the specified limit is reached.
Displayed name	File Closure Max Records (General)
Maximum	75000
Minimum	100
Type	Integer

Table 132-8 fileClosureSize

Name	Value
Default	50
Description	The value specifies an operator configurable file closure size limit.
Displayed name	File Closure Size (General)
Maximum	100
Minimum	1
Type	Integer
Units	Mbytes

Table 132-9 fileExtension

Name	Value
Default	No default
Description	The value specifies an operator configurable file extension field that is used in the file name.
Displayed name	File Extension (General)
Maximum	8
Minimum	0
Type	String

Table 132-10 filePrivateInfo

Name	Value
Default	No default
Description	The value specifies an operator configurable file private information field that is used in the file name.
Displayed name	File Private Info (General)
Maximum	32
Minimum	0
Type	String

Table 132-11 inactiveTimer

Name	Value
Default	10
Description	The value specifies the amount of time the peer must remain inactive to store all the cached GPRS Tunneling Protocol (GTP) packets in the flash.
Displayed name	Inactive Time (General)
Maximum	60
Minimum	1
Type	Integer
Units	minutes

Table 132-12 maxCdrsPerPdu

Name	Value
Default	0
Description	The value specifies the maximum number of the Charging Data Records (CDR) that can be placed in a single GTP PDU. The number of CDRs will also be bound by the size of the GPRS Tunneling Protocol (GTP) PDU.
Displayed name	Maximum CDRs per PDU (General)
Maximum	100
Minimum	0
Type	Integer

Table 132-13 obsoleteTime

Name	Value
Default	7
Description	The value specifies an operator configurable file closure lifetime. The file is closed after the specified duration.
Displayed name	File Obsolete Time (General)
Maximum	31
Minimum	1
Type	Integer
Units	days

Table 132-14 primaryCompactFlash

Name	Value
Default	cf1
Description	The value specifies an operator configurable file closure lifetime. The file is closed after the specified duration.
Displayed name	Primary Compact Flash (General)
Type	CompactFlash

Table 132-15 queueSize

Name	Value
Default	100000
Description	The value specifies the maximum number of unsent GPRS Tunneling Protocol (GTP) packets cached in the Mobile Gateway, waiting for atleast one Charging Gateway Function (CGF) to come up
Displayed name	Queue Size (General)
Maximum	500000
Minimum	10000
Type	Integer

133 –GtpProfile

Table 133-1 GtpProfile parameters

Parameters	
ipDscp ipTtl keepAlvResp keepAlvRetryCnt	keepAlvTimeout msgReTxRetryCnt msgReTxTimeout

Table 133-2 ipDscp

Name	Value
Default	56
Description	The value of tmnxMobProfGtpIpDscp specifies the Differentiated Services Code Point (DSCP) value in the IP header for General Packet Radio Services Tunneling Protocol for Control Plane (GTP-C) signaling messages sent. This value can be configured to treat a packet as Network Control (NC) packet ahead of Expedited Forwarding (EF) packets.
Displayed name	IP DSCP (General)
Maximum	63
Minimum	0
Type	Integer

Table 133-3 ipTtl

Name	Value
Default	255
Description	The value of tmnxMobProfGtpIpTtl specifies the IP Time-To-Live (TTL) value to be used for General Packet Radio Services Tunneling Protocol for Control Plane (GTP-C) signaling messages.
Displayed name	IP TTL (General)
Maximum	255
Minimum	1
Type	Integer

Table 133-4 keepAlvResp

Name	Value
Default	3
Description	The value of tmnxMobProfGtpKeepAlvResp specifies the time, in seconds, that the Serving gateway (SGW) waits before resending a General Packet Radio Services Tunneling Protocol for Control Plane (GTP-C) signaling request message when a response to a request has not been received. This time is doubled for every retry.
Displayed name	Keep-Alive T3 Response Time (General)
Maximum	8
Minimum	1
Type	Integer
Units	s

Table 133-5 keepAlvRetryCnt

Name	Value
Default	3
Description	The value of tmnxMobProfGtpKeepAlvRetryCnt specifies the maximum number of times that the General Packet Radio Services Tunneling Protocol for Control Plane (GTP-C) signaling component attempts to send a echo-request message for which there is no reply from the remote peer. Once the retry count reaches the specified value, remote peer will be declared as unreachable.
Displayed name	Keep-Alive Retry Count (General)
Maximum	8
Minimum	1
Type	Integer

Table 133-6 keepAlvTimeout

Name	Value
Default	60
Description	The value of tmnxMobProfGtpKeepAlvTimeout specifies the time, in seconds, that the General Packet Radio Services Tunneling Protocol for Control Plane (GTP-C) signaling component waits for a response from a Mobile Management Entity (MME), and after receiving a response, the number of seconds it waits before sending the next echo-request message. Range: (0 60..180)
Displayed name	Keep-Alive Timeout (General)
Maximum	180
Minimum	0
Type	Integer
Units	s

Table 133-7 msgReTxRetryCnt

Name	Value
Default	3
Description	The value of tmnxMobProfGtpMsgReTxRetryCnt specifies the number of times the same message is retried before declaring a failed attempt.
Displayed name	Message Retransmit Retry Count (General)
Maximum	8
Minimum	1
Type	Integer

Table 133-8 msgReTxTimeout

Name	Value
Default	5
Description	The value of tmnxMobProfGtpMsgReTxTimeout specifies the time, in seconds, that the General Packet Radio Services Tunneling Protocol for Control Plane (GTP-C) signaling component waits for a response from the remote peer before making another transmit request. This applies to all control messages other than GTP-C keep-alive message.
Displayed name	Message Retransmit Timeout (General)
Maximum	30
Minimum	1
Type	Integer
Units	s

134 –GTPProfileAbs

Table 134-1 GTPProfileAbs parameters

Parameters	
echoRequests gTPProfileID numTransmits	retransTimer sendEchoTimer waitEchoTimer

Table 134-2 echoRequests

Name	Value
Default	9
Description	(N3-REQUESTS) the total number of Echo Request messages to be transmitted without receiving a corresponding Echo Response message after receiving at least one Echo Response from an endpoint
Displayed name	Echo Requests (General)
Maximum	20
Minimum	9
Type	Integer

Table 134-3 gTPProfileID

Name	Value
Description	Unique ID for this GTP profile
Displayed name	GTP Profile ID (General)
Mandatory on creation	Yes
Minimum	1
Type	Integer

Table 134-4 numTransmits

Name	Value
Default	3
Description	Number of transmits. If an acknowledgement is not sent in the time frame specified in the GTP Message Response Timer, this value is the total number of times to transmit the message
Displayed name	GTP Message Send Attempts (General)
Maximum	4
Minimum	1
Type	Integer

Table 134-5 retransTimer

Name	Value
Default	2
Description	The time to wait for Acknowledgement of a message
Displayed name	GTP Message Response Timer (General)
Maximum	60
Minimum	1
Type	Integer
Units	seconds

Table 134-6 sendEchoTimer

Name	Value
Default	60
Description	The periodic interval for sending Echo Requests on interfaces that support GTP communications

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Name	Value
Displayed name	Inter-Echo Request Timer (General)
Maximum	300
Minimum	60
Type	Integer
Units	seconds

(2 of 2)

Table 134-7 waitEchoTimer

Name	Value
Default	6
Description	Specifies the time to wait for an Echo Response to be received before retransmitting the Echo Request message. The total time to wait for an Echo Response (N3-REQUESTS * T3-RESPONSE) should be less than the periodic time (inter-echo Request Timer) used to send the Echo Request message
Displayed name	Echo Response Timer (General)
Maximum	60
Minimum	6
Type	Integer
Units	seconds

135 –HrpdBandClassConf

Table 135-1 HrpdBandClassConf parameters

Parameters	
bandClass	id

Table 135-2 bandClass

Name	Value
Default	800MHz_cellular
Description	This parameter is the band class of the underlying CDMA2000 cell. See 3GPP 36.331.
Displayed name	bandClass (General)
Impact	No reset (class C)
Type	HrpdBandEnum

Table 135-3 id

Name	Value
Description	HrpdBandClassConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

136 —HrpdBandClassInfo

Table 136-1 HrpdBandClassInfo parameters

Parameters	
bandClass cellReselectionPriority id	threshXHigh threshXLow

Table 136-2 bandClass

Name	Value
Default	800MHz_cellular
Description	3GPP 36.331. This parameter is the band class of the underlay CDMA2000 cell
Displayed name	bandClass (General)
Impact	Full reset (class A)
Type	HrpdBandEnum

Table 136-3 cellReselectionPriority

Name	Value
Description	3GPP 36.331. This parameter is the absolute priority of the concerned CDMA2000 bandclass (0 means lowest priority).
Displayed name	cellReselectionPriority (General)

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Name	Value
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

(2 of 2)

Table 136-4 id

Name	Value
Description	HrpdBandClassInfo identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

Table 136-5 threshXHigh

Name	Value
Description	3GPP 36.331. This parameter (corresponds to threshX-High in 36.331) is the high threshold used in reselection towards this CDMA2000 band class expressed as an unsigned binary number equal to FLOOR $(-2 \times 10 \times \log_{10} E_c/I_o)$ in units of 0.5 dB (whose encoding is via enumeration).
Displayed name	threshXHigh (General)
Impact	No reset (class C)
Type	HrpDThreshEnum

Table 136-6 threshXLow

Name	Value
Description	3GPP 36.331. This parameter (corresponds to threshX-High in 36.331) is the low threshold used in reselection towards this CDMA2000 band class expressed as an unsigned binary number equal to FLOOR $(-2 \times 10 \times \log_{10} E_c/I_o)$ in units of 0.5 dB (whose encoding is via enumeration).
Displayed name	threshXLow (General)
Impact	No reset (class C)
Type	HrpDThreshEnum

137 –HrpdNeighboring

Table 137-1 HrpdNeighboring parameters

Parameters	
hrpdInfoConfigured hrpdPreRegAllowed	id tReselectionCdmaHrpd

Table 137-2 hrpdInfoConfigured

Name	Value
Default	False
Description	This parameter is used (a) in conjunction with isMobilityToHrpdAllowed to determine whether L82728 logic be invoked on the cell, and (b) in conjunction with isHrpdMeasBasedRedirAllowed to determine whether L84876 be invoked on the cell. It is also for crosschecking (indicates whether all parameters and instances of child objects of HrpdNeighboring are properly provisioned for this cell). If True, SIB8 (populated with HrpdNeighboring) will be included in System Info broadcast for the cell; if False, SIB8 will be excluded from System Info broadcast.
Displayed name	hrpdInfoConfigured (General)
Impact	No reset (class C)
Type	Boolean

Table 137-3 hrpdPreRegAllowed

Name	Value
Default	False
Description	This parameter corresponds to preRegistrationAllowed in 36.331, if TRUE, indicates that a UE performs an HRPD pre-registration if the UE does not have a valid/current pre-registration. If FALSE indicates that the UE is not allowed to perform HRPD pre-registration in the current cell.
Displayed name	hrpdPreRegAllowed (General)
Mandatory on creation	Yes
Type	Boolean

Table 137-4 id

Name	Value
Description	HrpdNeighboring identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 137-5 tReselectionCdmaHrpd

Name	Value
Description	This parameter defines the HRPD cell reselection timer value in seconds. It corresponds to t-ReselectionCDMA2000 in cellReselectionParametersHRPD in 36.331.
Displayed name	tReselectionCdmaHrpd (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer
Units	s

138 –HrpdNeighboringPerCarrier

Table 138-1 HrpdNeighboringPerCarrier parameters

Parameters	
frequency id plmnMobileCountryCode	plmnMobileNetworkCode pnOffsetList

Table 138-2 frequency

Name	Value
Description	This parameter defines the carrier frequency within a CDMA2000 bandclass and corresponds to arfcn in 3GPP 36.331.
Displayed name	frequency (General)
Impact	No reset (class C)
Maximum	2047
Minimum	0
Type	Integer

Table 138-3 id

Name	Value
Description	HrpdpNeighboringPerCarrier identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	2
Minimum	0
Type	Integer

Table 138-4 plmnMobileCountryCode

Name	Value
Description	This parameter identifies the MCC the target HRPD carrier belongs to.
Displayed name	plmnMobileCountryCode (General)
Impact	No reset (class C)
Maximum	3
Minimum	3
Type	String

Table 138-5 plmnMobileNetworkCode

Name	Value
Description	This parameter identifies the MNC the target HRPD carrier belongs to.
Displayed name	plmnMobileNetworkCode (General)
Impact	No reset (class C)
Maximum	3
Minimum	2
Type	String

Table 138-6 pnOffsetList

Name	Value
Description	This parameter defines the list of PN Offsets representing the Physical cell identities in CDMA2000 and corresponds to physCellIdList in 3GPP 36.331. PN Offset is the timing of the CDMA2000 cell short codes relative to system time; the unit is PN offset, which is (CDMA pilot) Pseudo Noise sequence offset in units of 64 PN chips.
Impact	No reset (class C)
Type	List name PnOffsetListType maps to singular value: INT
Units	PN offset

139 –HrpdPreRegInfo

Table 139-1 HrpdPreRegInfo parameters

Parameters	
hrpdPreRegAllowed	id

Table 139-2 hrpdPreRegAllowed

Name	Value
Default	False
Description	This parameter (corresponds to preRegistrationAllowed in 36.331), if TRUE, indicates a UE shall perform an HRPD pre-registration if the UE does not have a valid / current pre-registration. FALSE indicates that the UE is not allowed to perform HRPD pre-registration in the current cell.
Displayed name	hrpdPreRegAllowed (General)
Mandatory on creation	Yes
Type	Boolean

Table 139-3 id

Name	Value
Description	HrpdPreRegInfo identifier
Displayed name	id (General)
Mandatory on creation	Yes

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Name	Value
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

140 –HrpdSpeedDependentConf

Table 140-1 HrpdSpeedDependentConf parameters

Parameters	
id tReselectionHrpdSfHigh	tReselectionHrpdSfMedium

Table 140-2 id

Name	Value
Description	HrpdSpeedDependentConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 140-3 tReselectionHrpdsfHigh

Name	Value
Description	This parameter configures the t-ReselectionHrpdsf included in the IE SystemInformationBlockType8. Parameter "Speed dependent ScalingFactor for TreselectionHrpdsf" in TS 36.304. If the field is not present, the UE behaviour is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on. See TS36.331.
Displayed name	tReselectionHrpdsfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum

Table 140-4 tReselectionHrpdsfMedium

Name	Value
Description	This parameter configures the t-ReselectionHrpdsf included in the IE SystemInformationBlockType8. Parameter "Speed dependent ScalingFactor for TreselectionHrpdsf" in TS 36.304. If the field is not present, the UE behaviour is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in Medium Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on. See TS36.331
Displayed name	tReselectionHrpdsfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum

141 –InterceptionTarget

Table 141-1 InterceptionTarget parameters

Parameters	
contentType peerId	targetId targetType

Table 141-2 contentType

Name	Value
auditable	Yes
Default	iri
Displayed name	Content Type (General)
Mandatory on creation	Yes
Type	InterceptedContentType

Table 141-3 peerId

Name	Value
auditable	Yes
displayed	Yes
Export	No

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Name	Value
Mandatory on creation	Yes
Type	Integer

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Table 141-4 targetId

Name	Value
auditable	Yes
Displayed name	Target ID (General)
Mandatory on creation	Yes
Type	String

Table 141-5 targetType

Name	Value
auditable	Yes
Default	imsi
Displayed name	Target Type (General)
Mandatory on creation	Yes
Type	InterceptedTargetType

142 –InterfaceProfileAbs

Table 142-1 InterfaceProfileAbs parameters

Parameters	
avRequested dSCPCode	interfaceName interfaceProfileID

Table 142-2 avRequested

Name	Value
Default	0
Description	Authentication Vector requested. This field is only used with the S6a interface.
Type	Integer

Table 142-3 dSCPCode

Name	Value
Default	AF41
Description	DSCP Code.
Type	DSCPCODE

Table 142-4 interfaceName

Name	Value
Description	Type of interface being mapped
Mandatory on creation	Yes
Type	IntegerERFACENAME

Table 142-5 interfaceProfileID

Name	Value
Description	ID of the profile the designated interface type maps to
Minimum	1
Type	Integer

143 –IpAddress

Table 143-1 IpAddress parameters

Parameters	
IpAddress	IpAddressType

Table 143-2 ipAddress

Name	Value
Default	0.0.0.0
Description	"The IP address"
Displayed name	IP Address (General)
ipForHost	Yes
Mandatory on creation	Yes
Type	IP address

Table 143-3 ipAddressType

Name	Value
Default	ipv4
Description	"The type of the IP address (v6/v4)."
Type	InetAddressType

144 –IpPool

Table 144-1 IpPool parameters

Parameters	
addressHoldTimer isExclusive	poolId poolName

Table 144-2 addressHoldTimer

Name	Value
Default	3
Description	The value of the object specifies the amount of time, in minutes, a newly released IP address is held before being made available for reassignment.
Displayed name	IP Pool Address Hold Timer (General)
Maximum	10
Minimum	0
Type	Integer
Units	minutes

Table 144-3 isExclusive

Name	Value
Default	False
Description	The value of the object specifies if this IP address pool will be used exclusively by an Access Point Name (APN) or not
Displayed name	Is Exclusive (General)
Type	Boolean

Table 144-4 poolId

Name	Value
Default	0
Displayed name	IP Pool ID (General)
Mandatory on creation	Yes
Minimum	1
Type	Long integer

Table 144-5 poolName

Name	Value
Default	No default
Description	specifies the name of this IP address pool
Displayed name	IP Pool Name (General)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

145 –IpPoolBase

Table 145-1 IpPoolBase parameters

Parameters	
routerId	siteIdAddressType

Table 145-2 routerId

Name	Value
Default	1
Mandatory on creation	Yes
Maximum	10240
Minimum	1
Type	Integer

Table 145-3 siteIdAddressType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

146 –IpPoolBinding

Table 146-1 poolName

Name	Value
Default	No default
Description	specifies the name of this IP address pool
Displayed name	Pool Name (General)
Export	No
Type	String

147 –IpPoolEntry

Table 147-1 IpPoolEntry parameters

Parameters	
ipv6AssignedLen isPoolAddrBlock poolAddressType	poolIpAddress poolName prefixLength

Table 147-2 ipv6AssignedLen

Name	Value
Default	64
Description	The value of the object vRtrIpPoolAddrIpv6AssignedLen specifies the the prefix length which is used for assigning IP address to User Equipment (UE)
Displayed name	Ipv6 Assigned Length (General)
Maximum	64
Minimum	48
Type	Integer

Table 147-3 isPoolAddrBlock

Name	Value
Default	False
Description	The value of the object specifies if the reassignment of the released IP address will be allowed or not. If the value of this object is set to 'true', then the reassignment of the released IP address will be blocked.
Displayed name	Pool Address Block (General)
Type	Boolean

Table 147-4 poolAddressType

Name	Value
Default	ipv4
Description	The value specifies the type of the address represented by vRtrIpPoolAddr
Displayed name	Pool Address Type (General)
Mandatory on creation	Yes
Type	InetAddressType

Table 147-5 poolIpAddress

Name	Value
Default	0.0.0.0
Description	The value specifies the prefix of the IP address being added to the IP pool
Displayed name	Pool Ip Address (General)
Mandatory on creation	Yes
Type	IP address

Table 147-6 poolName

Name	Value
Default	No default
Description	specifies the name of this IP address pool
Mandatory on creation	Yes
Type	String

Table 147-7 prefixLength

Name	Value
Description	The value of specifies the length of the IP netmask for this IP address
Displayed name	Prefix Length (General)
Mandatory on creation	Yes
Maximum	128
Minimum	0
Type	Integer

148 –IPsec

Table 148-1 IPsec parameters

Parameters	
eNBIPsecpolicy	ikeSALifeDurationsec
eNBouterIPaddress	ipsecAntiReplayWindowSize
eNBouterIPaddressType	ipsecKeepalivePeriod
eNBoutersubnetmask	ipsecSALifeDurationbytes
eNBoutersubnetmaskType	ipsecSALifeDurationsec
eNBpresharedsecret	segouterIPaddress
id	segouterIPaddressType

Table 148-2 eNBIPsecpolicy

Name	Value
Default	No_IPsec
Description	IPsec policy at eNB end
Displayed name	eNBIPsecpolicy (General)
Impact	Full reset (class A)
Type	IPsecPolicyEnum

Table 148-3 eNBouterIPadress

Name	Value
Default	0.0.0.0
Description	Outer IP address IPsec tunnel at eNB
Displayed name	eNBouterIPadress (General)
Impact	Full reset (class A)
Type	IP address

Table 148-4 eNBouterIPadressType

Name	Value
Default	ipv4
Description	Outer IP address IPsec tunnel at eNB
Export	No
Type	InetAddressType

Table 148-5 eNBoutersubnetmask

Name	Value
Default	0.0.0.0
Description	Subnet mask of outer IP address of IPsec tunnel in eNB
Displayed name	eNBoutersubnetmask (General)
Impact	Full reset (class A)
Type	IP address

Table 148-6 eNBoutersubnetmaskType

Name	Value
Default	ipv4
Description	Subnet mask of outer IP address of IPsec tunnel in eNB
Export	No
Type	InetAddressType

Table 148-7 eNBpresharedsecret

Name	Value
Default	No default
Description	Pre-shared secret key
Displayed name	eNBpresharedsecret (General)
Impact	Full reset (class A)
Maximum	20
Minimum	0
Type	String

Table 148-8 id

Name	Value
Description	IPsec identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 148-9 ikeSALifeDurationsec

Name	Value
Default	28800
Description	Life duration IKE SA in seconds
Displayed name	ikeSALifeDurationsec (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 148-10 ipsecAntiReplayWindowSize

Name	Value
Default	32
Description	IPsec Anti Replay Window Size (number of packets). A value of zero means the IPsec anti replay mechanism is disabled.
Displayed name	ipsecAntiReplayWindowSize (General)
Impact	Full reset (class A)
Maximum	64
Minimum	0
Type	Integer

Table 148-11 ipsecKeepalivePeriod

Name	Value
Default	10
Description	Period IKE keepalives are sent
Displayed name	ipsecKeepalivePeriod (General)
Impact	Full reset (class A)
Maximum	120
Minimum	1
Type	Integer
Units	s

Table 148-12 ipsecSALifeDurationbytes

Name	Value
Default	1620000
Description	Life duration IPsec SA in kbytes
Displayed name	ipsecSALifeDurationbytes (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	KB/s

Table 148-13 ipsecSALifeDurationsec

Name	Value
Default	28800
Description	Life duration IPsec SA in secs
Displayed name	ipsecSALifeDurationsec (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 148-14 segouterIPaddress

Name	Value
Default	0.0.0.0
Description	Outer IP address IPsec tunnel at Security Gateway
Displayed name	segouterIPaddress (General)
Impact	Full reset (class A)
Type	IP address

Table 148-15 segouterIPaddressType

Name	Value
Default	ipv4
Description	Outer IP address IPsec tunnel at Security Gateway
Export	No
Type	InetAddressType

149 –IPsecConf

Table 149-1 IPsecConf parameters

Parameters	
id ikeAuthMethod ikeSALifeDurationSec ipsecAntiReplayWindowSize	ipsecKeepalivePeriod ipsecPerfectForwardSecrecyOn ipsecSALifeDurationbytes ipsecSALifeDurationSec

Table 149-2 id

Name	Value
Description	IPsecConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 149-3 ikeAuthMethod

Name	Value
Default	preSharedKeys
Description	This parameter selects the IKE v2 Authentication method that is to be used: either preshared keys, or certificates.
Displayed name	ikeAuthMethod (General)
Impact	Full reset (class A)
Type	IkeAuthMethodEnum

Table 149-4 ikeSALifeDurationSec

Name	Value
Default	28800
Description	This parameter specifies the life duration of the IKE Security Association, in seconds.
Displayed name	ikeSALifeDurationSec (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 149-5 ipsecAntiReplayWindowSize

Name	Value
Default	32
Description	This parameter specifies the IPsec Anti-Replay Window Size (as the number of packets). A value of zero means that the IPsec anti-replay mechanism is disabled.
Displayed name	ipsecAntiReplayWindowSize (General)
Impact	Full reset (class A)
Maximum	64
Minimum	0
Type	Integer

Table 149-6 ipsecKeepalivePeriod

Name	Value
Default	10
Description	This parameter specifies the period at which the IKE keepalives are sent.
Displayed name	ipsecKeepalivePeriod (General)
Impact	Full reset (class A)
Maximum	120
Minimum	0
Type	Integer
Units	s

Table 149-7 ipsecPerfectForwardSecrecyOn

Name	Value
Default	True
Description	This parameter enables or disables Perfect Forward Secrecy.
Displayed name	ipsecPerfectForwardSecrecyOn (General)
Impact	Full reset (class A)
Type	Boolean

Table 149-8 ipsecSALifeDurationbytes

Name	Value
Default	1620000
Description	This parameter specifies the life duration of the IPsec Security Association, in kbytes.
Displayed name	ipsecSALifeDurationbytes (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Kbytes/s

Table 149-9 ipsecSALifeDurationSec

Name	Value
Default	28800
Description	This parameter specifies the life duration IPsec Security Association, in seconds.
Displayed name	ipsecSALifeDurationSec (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

150 –IPsecEnbConf

Table 150-1 IPsecEnbConf parameters

Parameters	
id ikeAuthMethod ikeSALifeDurationSec ipsecAntiReplayWindowSize	ipsecKeepalivePeriod ipsecPerfectForwardSecrecyOn ipsecSALifeDurationbytes ipsecSALifeDurationSec

Table 150-2 id

Name	Value
Description	IPsecEnbConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 150-3 ikeAuthMethod

Name	Value
Default	preSharedKeys
Description	This parameter selects the IKE v2 Authentication method that is to be used: either preshared keys, or certificates.
Displayed name	ikeAuthMethod (General)
Impact	Full reset (class A)
Type	IkeAuthMethodEnum

Table 150-4 ikeSALifeDurationSec

Name	Value
Default	28800
Description	This parameter specifies the life duration of the IKE Security Association, in seconds.
Displayed name	ikeSALifeDurationSec (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 150-5 ipsecAntiReplayWindowSize

Name	Value
Default	32
Description	This parameter specifies the IPsec Anti-Replay Window Size (as the number of packets). A value of zero means that the IPsec anti-replay mechanism is disabled.
Displayed name	ipsecAntiReplayWindowSize (General)
Impact	Full reset (class A)
Maximum	64
Minimum	0
Type	Integer

Table 150-6 ipsecKeepalivePeriod

Name	Value
Default	10
Description	This parameter specifies the period at which the IKE keepalives are sent.
Displayed name	ipsecKeepalivePeriod (General)
Impact	Full reset (class A)
Maximum	120
Minimum	0
Type	Integer
Units	s

Table 150-7 ipsecPerfectForwardSecrecyOn

Name	Value
Default	True
Description	This parameter enables or disables Perfect Forward Secrecy.
Displayed name	ipsecPerfectForwardSecrecyOn (General)
Impact	Full reset (class A)
Type	Boolean

Table 150-8 ipsecSALifeDurationbytes

Name	Value
Default	1620000
Description	This parameter specifies the life duration of the IPsec Security Association, in kbytes.
Displayed name	ipsecSALifeDurationbytes (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Kbytes/s

Table 150-9 ipsecSALifeDurationSec

Name	Value
Default	28800
Description	This parameter specifies the life duration IPsec Security Association, in seconds.
Displayed name	ipsecSALifeDurationSec (General)
Impact	Full reset (class A)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

151 –IPsecTunnelConf

Table 151-1 IPsecTunnelConf parameters

Parameters	
eNBpreSharedSecret	ipv4SubNetMaskEnblPsecTunnel
id	ipv4SubNetMaskEnblPsecTunnelType
ipsecTunnelName	ipv6AddressEnblPsecTunnel
ipv4AddressEnblPsecTunnel	ipv6AddressEnblPsecTunnelType
ipv4AddressEnblPsecTunnelType	ipv6AddressFirstHopRouter
ipv4AddressFirstHopRouter	ipv6AddressFirstHopRouterType
ipv4AddressFirstHopRouterType	ipv6AddressSegIPsecTunnel
ipv4AddressSegIPsecTunnel	ipv6AddressSegIPsecTunnelType
ipv4AddressSegIPsecTunnelType	ipv6RoutingPrefixLengthEnblPsecTunnel

Table 151-2 eNBpreSharedSecret

Name	Value
Default	No default
Description	This parameter configures the Pre-shared secret key.
Displayed name	eNBpreSharedSecret (General)
Impact	Full reset (class A)
Maximum	40
Minimum	0
Type	String

Table 151-3 id

Name	Value
Description	IPsecTunnelConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 151-4 ipsecTunnelName

Name	Value
Default	No default
Description	This parameter specifies the name of the IPsec tunnel.
Displayed name	ipsecTunnelName (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	String

Table 151-5 ipv4AddressEnbIPsecTunnel

Name	Value
Default	0.0.0.0
Description	This parameter specifies the outer IP address for the IPsec tunnel at the eNodeB.
Displayed name	ipv4AddressEnbIPsecTunnel (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 151-6 ipv4AddressEnbIPsecTunnelType

Name	Value
Default	ipv4
Description	This parameter specifies the outer IP address for the IPsec tunnel at the eNodeB.

(1 of 2)

Name	Value
Export	No
Type	InetAddressType
Unset supported	Yes

(2 of 2)

Table 151-7 ipv4AddressFirstHopRouter

Name	Value
Default	0.0.0.0
Description	This parameter specifies the IPv4 address of the default gateway for the IPsecTunnelConf instance.
Displayed name	ipv4AddressFirstHopRouter (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 151-8 ipv4AddressFirstHopRouterType

Name	Value
Default	ipv4
Description	This parameter specifies the IPv4 address of the default gateway for the IPsecTunnelConf instance.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 151-9 ipv4AddressSegIPsecTunnel

Name	Value
Default	0.0.0.0
Description	This parameter specifies the outer IP address for the IPsec tunnel at the Security Gateway.
Displayed name	ipv4AddressSegIPsecTunnel (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 151-10 ipv4AddressSegIPsecTunnelType

Name	Value
Default	ipv4
Description	This parameter specifies the outer IP address for the IPsec tunnel at the Security Gateway.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 151-11 ipv4SubNetMaskEnbIPsecTunnel

Name	Value
Default	0.0.0.0
Description	This parameter specifies the subnet mask for the outer IP address of the IPsec tunnel at the eNodeB.
Displayed name	ipv4SubNetMaskEnbIPsecTunnel (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 151-12 ipv4SubNetMaskEnbIPsecTunnelType

Name	Value
Default	ipv4
Description	This parameter specifies the subnet mask for the outer IP address of the IPsec tunnel at the eNodeB.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 151-13 ipv6AddressEnbIPsecTunnel

Name	Value
Default	0:0:0:0:0:0:0:0
Description	This parameter specifies the outer IPv6 address for the IPsec tunnel at the eNodeB.
Displayed name	ipv6AddressEnbIPsecTunnel (General)
Impact	Full reset (class A)

(1 of 2)

Name	Value
Type	IP address
Unset supported	Yes

(2 of 2)

Table 151-14 ipv6AddressEnbIPsecTunnelType

Name	Value
Default	ipv6
Description	This parameter specifies the outer IPv6 address for the IPsec tunnel at the eNodeB.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 151-15 ipv6AddressFirstHopRouter

Name	Value
Default	0:0:0:0:0:0:0:0
Description	This parameter specifies the IPv6 address of the default gateway for the IPsecTunnelConf instance.
Displayed name	ipv6AddressFirstHopRouter (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 151-16 ipv6AddressFirstHopRouterType

Name	Value
Default	ipv6
Description	This parameter specifies the IPv6 address of the default gateway for the IPsecTunnelConf instance.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 151-17 ipv6AddressSegIPsecTunnel

Name	Value
Default	0:0:0:0:0:0:0:0
Description	This parameter specifies the outer IPv6 address for the IPsec tunnel at the Security Gateway.
Displayed name	ipv6AddressSegIPsecTunnel (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 151-18 ipv6AddressSegIPsecTunnelType

Name	Value
Default	ipv6
Description	This parameter specifies the outer IPv6 address for the IPsec tunnel at the Security Gateway.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 151-19 ipv6RoutingPrefixLengthEnbIPsecTunnel

Name	Value
Description	This parameter specifies the IPv6 Routing Prefix Length for the outer IP address of the IPsec tunnel at the eNodeB.
Displayed name	ipv6RoutingPrefixLengthEnbIPsecTunnel (General)
Impact	Full reset (class A)
Maximum	128
Minimum	0
Type	Integer
Unset supported	Yes

152 –Ipv6Address

Table 152-1 Ipv6Address parameters

Parameters	
eNBFirstHopRouterTelecomAddrIPv6 eNBFirstHopRouterTelecomAddrIPv6Type eNBtelecomIpAddressIPv6	eNBtelecomIpAddressIPv6Type id ipRoutingPrefixLengthTelecom

Table 152-2 eNBFirstHopRouterTelecomAddrIPv6

Name	Value
Default	0:0:0:0:0:0:0:0
Description	This parameter is used to specify IPv6 address format for eNodeB first hop router telecom.
Displayed name	eNBFirstHopRouterTelecomAddrIPv6 (General)
Impact	Full reset (class A)
Type	IP address

Table 152-3 eNBFirstHopRouterTelecomAddrIPv6Type

Name	Value
Default	ipv6
Description	This parameter is used to specify IPv6 address format for eNodeB Telecom

(1 of 2)

Name	Value
Export	No
Type	InetAddressType

(2 of 2)

Table 152-4 eNBtelecomIpAddressIpv6

Name	Value
Default	0:0:0:0:0:0:0:0
Description	This parameter is used to specify IPv6 address format for eNodeB Telecom
Displayed name	eNBtelecomIpAddressIpv6 (General)
Impact	Full reset (class A)
Type	IP address

Table 152-5 eNBtelecomIpAddressIpv6Type

Name	Value
Default	ipv6
Description	This parameter is used to specify IPv6 address format for eNodeB Telecom
Export	No
Type	InetAddressType

Table 152-6 id

Name	Value
Description	Ipv6Address identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 152-7 ipRoutingPrefixLengthTelecom

Name	Value
Default	64
Description	This parameter is used to specify IP Routing Prefix Length for eNodeB Telecom.
Displayed name	IpRoutingPrefixLengthTelecom (General)
Impact	Full reset (class A)
Maximum	128
Minimum	0
Type	Integer

153 –L1MeasurementConf

Table 153-1 L1MeasurementConf parameters

Parameters	
id l1NoiseAveragingCoefficient	l1SpeedCFOandSignalPowerAveragingCoefficient l1TimingAdvanceAveragingCoefficient

Table 153-2 id

Name	Value
Description	L1MeasurementConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 153-3 l1NoiseAveragingCoefficient

Name	Value
Default	16240
Description	Coefficient for averaging of the signal and noise powers in L1.
Displayed name	l1NoiseAveragingCoefficient (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Step	16
Type	Integer

(2 of 2)

Table 153-4 l1SpeedCFOandSignalPowerAveragingCoefficient

Name	Value
Default	16240
Description	Coefficient for averaging the speed, CFO (frequency offset correction) and signal power in L1.
Displayed name	l1SpeedCFOandSignalPowerAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Step	16
Type	Integer

Table 153-5 l1TimingAdvanceAveragingCoefficient

Name	Value
Default	16240
Description	Coefficient for averaging the timing advance in L1.
Displayed name	l1TimingAdvanceAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Step	16
Type	Integer

154 –L1MeasurementConfTDD

Table 154-1 L1MeasurementConfTDD parameters

Parameters	
id l1CFOAveragingCoefficient l1SpeedandSignalPowerAveragingCoefficient	prohibitTATimer tAChangeThreshold

Table 154-2 id

Name	Value
Description	L1MeasurementConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 154-3 l1CFOAveragingCoefficient

Name	Value
Default	8192
Description	This parameter specifies the coefficient for averaging CFO (frequency offset estimate) in L1.
Displayed name	l1CFOAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Step	16
Type	Integer

Table 154-4 l1SpeedandSignalPowerAveragingCoefficient

Name	Value
Default	16224
Description	This parameter specifies the coefficient for averaging the speed, and signal power in L1.
Displayed name	l1SpeedandSignalPowerAveragingCoefficient (General)
Impact	Partial reset (class B)
Maximum	16384
Minimum	0
Step	16
Type	Integer

Table 154-5 prohibitTATimer

Name	Value
Default	500
Description	The minimum interval between two consecutive TA command transmission.
Displayed name	prohibitTATimer (General)
Impact	Partial reset (class B)
Maximum	2000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 154-6 tAChangeThreshold

Name	Value
Default	15
Description	It's a L1 internal algorithm parameter. When the measured internal TA value is more than the threshold, the TA command might be sent to process by scheduler.
Displayed name	tAChangeThreshold (General)
Impact	Partial reset (class B)
Maximum	54
Minimum	0
Type	Integer

155 –L2MeasurementConf

Table 155-1 id

Name	Value
Description	L2MeasurementConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

156 –LAIMSCMappingAbs

Table 156-1 mSCSrvID

Name	Value
Description	The ID of the MSC Server this LAI maps to.
Displayed name	MSC ID (General)
Mandatory on creation	Yes
Maximum	128
Minimum	1
Type	Integer

157 –LicenseCheck

Table 157-1 LicenseCheck parameters

Parameters	
id isDlBandwidth10MhzAllowed isDlBandwidth15MhzAllowed isDlBandwidth1MhzAllowed isDlBandwidth20MhzAllowed isDlBandwidth3MhzAllowed isDlBandwidth5MhzAllowed isUlBandwidth10MhzAllowed	isUlBandwidth15MhzAllowed isUlBandwidth1MhzAllowed isUlBandwidth20MhzAllowed isUlBandwidth3MhzAllowed isUlBandwidth5MhzAllowed maxNbOfCallCapacityLicensing transmissionPowerCapacityLicensing

Table 157-2 id

Name	Value
Description	Capacity MO identifier for licensing feature.
Mandatory on creation	Yes
Maximum	1
Minimum	1
Type	Integer

Table 157-3 isDIBandwidth10MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 157-4 isDIBandwidth15MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 157-5 isDIBandwidth1MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 157-6 isDIBandwidth20MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 157-7 isDIBandwidth3MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 157-8 isDlBandwidth5MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 157-9 isUlBandwidth10MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 157-10 isUlBandwidth15MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 157-11 isUlBandwidth1MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 157-12 isUlBandwidth20MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 157-13 isUIBandwidth3MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 157-14 isUIBandwidth5MhzAllowed

Name	Value
Default	False
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 157-15 maxNbOfCallCapacityLicensing

Name	Value
Default	infinite
Description	This capacity token is to identify the maximum numbers of calls allowed.
Type	String

Table 157-16 transmissionPowerCapacityLicensing

Name	Value
Default	infinite
Description	This capacity token is to identify the transmission power capacity that is allowed.
Type	String

158 –LicenseCheckTDD

Table 158-1 LicenseCheckTDD parameters

Parameters	
id isBandwidth10MhzAllowed isBandwidth15MhzAllowed isBandwidth1MhzAllowed	isBandwidth20MhzAllowed isBandwidth3MhzAllowed isBandwidth5MhzAllowed

Table 158-2 id

Name	Value
Description	LicenseCheckTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 158-3 isBandwidth10MhzAllowed

Name	Value
Default	False
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

Table 158-4 isBandwidth15MhzAllowed

Name	Value
Default	False
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

Table 158-5 isBandwidth1MhzAllowed

Name	Value
Default	False
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

Table 158-6 isBandwidth20MhzAllowed

Name	Value
Default	False
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

Table 158-7 isBandwidth3MhzAllowed

Name	Value
Default	False

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Name	Value
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

(2 of 2)

Table 158-8 isBandwidth5MhzAllowed

Name	Value
Default	False
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

159 –LicensingMngtSystem

Table 159-1 LicensingMngtSystem parameters

Parameters	
id	maxNbPlmnForMocnLicense

Table 159-2 id

Name	Value
Description	LicensingMngtSystem identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 159-3 maxNbPlmnForMocnLicense

Name	Value
Default	disabled
Description	This parameter specifies the operator's view of the maximum number of Mobile Networks that are permitted to be supported by the eNodeB under eUTRAN-sharing in a Multi-Operator Core Network environment. The value of this parameter is checked by the vendor's license-management system for consistency with the license for eUTRAN-sharing that is issued to the operator.
Displayed name	maxNbPlmnForMocnLicense (General)
Impact	No reset (class C)
Type	MaxNbPlmnForMocnLicenseEnum

160 –LogicalChannelConf

Table 160-1 LogicalChannelConf parameters

Parameters	
id	spare4
p0UePUSCH	spare5
spare0	spare6
spare1	spare7
spare2	spare8
spare3	spare9

Table 160-2 id

Name	Value
Description	LogicalChannelConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	7
Minimum	0
Type	Integer

Table 160-3 p0UePUSCH

Name	Value
Default	0
Description	defines required value P0_UE_PUSCH for logical channel. If more than one logical channel is configured, the highest value is selected.
Displayed name	p0UePUSCH (General)
Impact	No reset (class C)
Maximum	7
Minimum	-8
Type	Integer
Units	dBm

Table 160-4 spare0

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare0 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 160-5 spare1

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare1 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 160-6 spare2

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare2 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 160-7 spare3

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare3 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 160-8 spare4

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare4 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 160-9 spare5

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare5 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 160-10 spare6

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare6 (General)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 160-11 spare7

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare7 (General)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 160-12 spare8

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare8 (General)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 160-13 spare9

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare9 (General)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

161 –LteCellFDD

Table 161-1 LteCellFDD parameters

Parameters	
id numberOfDLAntennas	numberOfULAntennas transmissionMode

Table 161-2 id

Name	Value
Description	LteCellFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 161-3 numberOfDLAntennas

Name	Value
Default	2
Description	Indicates 1 or 2 antenna mode for transmitter.
Displayed name	numberOfDLAntennas (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Maximum	2
Minimum	1
Type	Integer

(2 of 2)

Table 161-4 numberOfULAntennas

Name	Value
Default	ulAntenna2
Description	Defines the number of UL antenna configured for the cell. Supported values are {1,2,4}
Displayed name	numberOfULAntennas (General)
Impact	Partial reset (class B)
Type	NumberOfULAntennasEnum

Table 161-5 transmissionMode

Name	Value
Description	Points to one of Transmission modes defined in TS 36.213, 7.1 where tm1 refers to transmission mode 1, tm2 to transmission mode 2 etc.
Displayed name	transmissionMode (General)
Impact	Partial reset (class B)
Type	TransmissionModeFddEnum

162 –LteCellTDD

Table 162-1 LteCellTDD parameters

Parameters	
antennaPortsCount	spare3
changeOffsetOfOCNSForPDCCH	spare4
changeOffsetOfOCNSForPDSCH	spare5
changePeriodOfOCNSForPDCCH	spare6
changePeriodOfOCNSForPDSCH	spare7
changeWeightOfOCNSForPDSCH	spare8
dynamicSubbandSrsEnable	spare9
id	specialSubframePatterns
inteferenceIntervalOfOCNSForPUSCH	subframeAssignment
interferenceIntervalOfOCNSForPUSCH	targetInteferenceLoadOfOCNSForPUSCH
numberOfDLAntennas	targetInterferenceLoadOfOCNSForPUSCH
numberOfULAntennas	transmissionMode
spare0	ueNumberForInteferenceLoadOfOCNSForPUSCH
spare1	ueNumberForInterferenceLoadOfOCNSForPUSCH
spare2	ueTransmitAntennaSelection

Table 162-2 antennaPortsCount

Name	Value
Default	twoports
Description	This parameter configures the antenna port numbers of the Cell Specific Reference Signal.
Displayed name	antennaPortsCount (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Type	AntennaPortsCountEnum

(2 of 2)

Table 162-3 changeOffsetOfOCNSForPDCCH

Name	Value
Default	0
Description	This parameter indicates the start offset to change PDCCH OCNS pattern during the change period.
Displayed name	changeOffsetOfOCNSForPDCCH (General)
Impact	Partial reset (class B)
Maximum	10239
Minimum	0
Type	Integer
Units	ms
Unset supported	Yes

Table 162-4 changeOffsetOfOCNSForPDSCH

Name	Value
Default	0
Description	This parameter indicates the start offset to change PDSCH OCNS pattern during the change period.
Displayed name	changeOffsetOfOCNSForPDSCH (General)
Impact	Partial reset (class B)
Maximum	10239
Minimum	0
Type	Integer
Units	ms
Unset supported	Yes

Table 162-5 changePeriodOfOCNSForPDCCH

Name	Value
Default	1
Description	This parameter indicates the period to change PDCCH OCNS pattern. If the period is set to 0, indicates that the starting CCE for OCNS padding is first free CCE.
Displayed name	changePeriodOfOCNSForPDCCH (General)
Impact	Partial reset (class B)
Maximum	10240
Minimum	0
Type	Integer
Units	ms
Unset supported	Yes

Table 162-6 changePeriodOfOCNSForPDSCH

Name	Value
Default	1
Description	This parameter indicates the period to change PDSCH OCNS pattern. If the period is set to 0, indicates that the starting CCE for OCNS padding is first free CCE.
Displayed name	changePeriodOfOCNSForPDSCH (General)
Impact	Partial reset (class B)
Maximum	10240
Minimum	0
Type	Integer
Units	ms
Unset supported	Yes

Table 162-7 changeWeightOfOCNSForPDSCH

Name	Value
Default	False
Description	This parameter is used for beamforming tm7, and indicates if weight for PDSCH OCNS can be changed or not.
Displayed name	changeWeightOfOCNSForPDSCH (General)
Impact	Partial reset (class B)
Type	Boolean
Unset supported	Yes

Table 162-8 dynamicSubbandSrsEnable

Name	Value
Default	False
Description	This parameter enables or disables dynamic sub-band SRS configuration. If this parameter is set to True, then the SRS configuration will be calculated according to the SRS period (srsInitPeriod) and the sub-band parameters (srsBandwidth and srsBandwidthConfiguration). The SRS of all UEs will be allocated dynamically on special subframe. Both sub-band and wideband SRS can be dynamically allocated. If the parameter is set to False, then SRS configuration will be determined from the previously stored look-up table.
Displayed name	dynamicSubbandSrsEnable (General)
Impact	Partial reset (class B)
Type	Boolean

Table 162-9 id

Name	Value
Description	LteCellTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 162-10 interferenceIntervalOfOCNSForPUSCH

Name	Value
Description	This parameter specifies the maximum allowed RB interval between two Ues for UL interference load. Its valid range is [0..7].
Displayed name	interferenceIntervalOfOCNSForPUSCH (General)
Impact	Partial reset (class B)
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 162-11 interferenceIntervalOfOCNSForPUSCH

Name	Value
Description	This parameter specifies the maximum allowed RB interval between two Ues for UL interference load. Its valid range is [0..7].
Displayed name	interferenceIntervalOfOCNSForPUSCH (General)
Impact	Partial reset (class B)
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 162-12 numberOfDLAntennas

Name	Value
Default	dlAntenna2
Description	This parameter specifies the number of DL antennas configured for the cell. The supported values are {1, 2, 8}.
Displayed name	numberOfDLAntennas (General)
Impact	Partial reset (class B)
Type	NumberOfTddDLAntennasEnum

Table 162-13 numberOfULAntennas

Name	Value
Default	ulAntenna2
Description	This parameter defines the number of UL antennas configured for the cell. The supported values are {1, 2, 8}.
Displayed name	numberOfULAntennas (General)
Impact	Partial reset (class B)
Type	NumberOfTddULAntennasEnum

Table 162-14 spare0

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.

(1 of 2)

Name	Value
Displayed name	spare0 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

(2 of 2)

Table 162-15 spare1

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.
Displayed name	spare1 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 162-16 spare2

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.
Displayed name	spare2 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 162-17 spare3

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.
Displayed name	spare3 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 162-18 spare4

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.
Displayed name	spare4 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 162-19 spare5

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.
Displayed name	spare5 (General)
Impact	Partial reset (class B)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 162-20 spare6

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.
Displayed name	spare6 (General)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 162-21 spare7

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.
Displayed name	spare7 (General)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 162-22 spare8

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.
Displayed name	spare8 (General)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 162-23 spare9

Name	Value
Default	0
Description	This parameter is a spare parameter, providing for extended configuration capabilities for the LteCellTDD object. Note the "Update Transient Effects" property of the parameter.
Displayed name	spare9 (General)
Impact	No reset (class C)
Maximum	4294967295
Minimum	0
Type	Long integer

Table 162-24 specialSubframePatterns

Name	Value
Default	ssp7
Description	Indicates Configuration as in Ref 36.211, table 4.2.1 where ssp0 point to Configuration 0, ssp1 to Configuration 1 etc Defined in TS 36.331 Broadcast in SystemInformationBlockType1
Displayed name	specialSubframePatterns (General)
Impact	Partial reset (class B)
Type	SpecialSubframePatternsEnum

Table 162-25 subframeAssignment

Name	Value
Default	sa1
Description	Indicates DL/UL subframe configuration where sa0 point to Configuration 0, sa1 to Configuration 1 etc. as specified in the 36.211, table 4.2.2 Defined in TS 36.331 Broadcast in SystemInformationBlockType1
Displayed name	subframeAssignment (General)
Impact	Partial reset (class B)
Type	SubframeAssignmentEnum

Table 162-26 targetInterferenceLoadOFOCNSForPUSCH

Name	Value
Default	0
Description	This parameter specifies the target interference load(%) for UL, the valid range is [0..100]0%-100%, other values are reserved.
Displayed name	targetInterferenceLoadOFOCNSForPUSCH (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 162-27 targetInterferenceLoadOFOCNSForPUSCH

Name	Value
Default	0
Description	This parameter specifies the target interference PRB number for UL, the valid range is [0..81].
Displayed name	targetInterferenceLoadOFOCNSForPUSCH (General)
Impact	Partial reset (class B)
Maximum	81
Minimum	0
Type	Integer

Table 162-28 transmissionMode

Name	Value
Description	Points to one of Transmission modes defined in TS 36.213, 7.1 where tm1 refers to transmission mode 1, tm2 to transmission mode 2 etc.
Displayed name	transmissionMode (General)
Impact	No reset (class C)
Type	TransmissionModeTddEnum

Table 162-29 ueNumberForInteferenceLoadOfOCNSForPUSCH

Name	Value
Description	This parameter specifies the number of Ues to be used for UL inteference load. The valid range is [1..4].
Displayed name	ueNumberForInteferenceLoadOfOCNSForPUSCH (General)
Impact	Partial reset (class B)
Maximum	4
Minimum	1
Type	Integer
Unset supported	Yes

Table 162-30 ueNumberForInterferenceLoadOfOCNSForPUSCH

Name	Value
Description	This parameter specifies the number of Ues to be used for UL interference load. The valid range is [1..4].
Displayed name	ueNumberForInterferenceLoadOfOCNSForPUSCH (General)
Impact	Partial reset (class B)
Maximum	4
Minimum	1
Type	Integer
Unset supported	Yes

Table 162-31 ueTransmitAntennaSelection

Name	Value
Default	openloop
Description	This parameter specifies whether UE transmit antenna selection control is disabled or is enabled in either closed-loop or open-loop mode. See TS 36.213 6.3.4.2.3.
Displayed name	ueTransmitAntennaSelection (General)
Impact	Partial reset (class B)
Type	UeTransmitAntennaSelectionEnum

163 –LteIntraFrequencyAnr

Table 163-1 LteIntraFrequencyAnr parameters

Parameters	
activePhaseMeasReportHysteresis activePhaseMeasReportThreshold drxCycleForReportCGI	id ueContributionTargetInActivePhase

Table 163-2 activePhaseMeasReportHysteresis

Name	Value
Default	200
Description	This parameter specifies the minimum number of consecutive measurement reports received by the eNodeB without discovering a new intra-frequency neighbor relation that is required to exit the active phase of ANR. The other condition is given by parameter activePhaseMeasReportThreshold.
Displayed name	activePhaseMeasReportHysteresis (General)
Impact	No reset (class C)
Maximum	500
Minimum	5
Step	5
Type	Integer

Table 163-3 activePhaseMeasReportThreshold

Name	Value
Default	1000
Description	This parameter specifies the minimum number of measurement reports received by the eNodeB that is required to exit the active phase of intra-frequency ANR. The other condition is given by parameter activePhaseMeasReportHysteresis.
Displayed name	activePhaseMeasReportThreshold (General)
Impact	No reset (class C)
Maximum	2000
Minimum	10
Step	10
Type	Integer

Table 163-4 drxCycleForReportCGI

Name	Value
Default	sf160
Description	This parameter specifies the DRX long cycle length that is used when a UE is requested to report the ECGI of an intra-frequency neighbor cell, as part of the Automatic Neighbor Relation function.
Displayed name	drxCycleForReportCGI (General)
Impact	No reset (class C)
Type	DrxCycleForLteReportCGIEnum

Table 163-5 id

Name	Value
Description	LteIntraFrequencyAnr identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 163-6 uEContributionTargetInActivePhase

Name	Value
Default	300
Description	This parameter specifies the contribution, in terms of number of measurement configurations, to the active phase of intra-frequency ANR. It also applies to the wake-up phase.
Displayed name	uEContributionTargetInActivePhase (General)
Impact	No reset (class C)
Type	UEContributionTargetInActivePhaseEnum

164 –LteNeighboring

Table 164-1 id

Name	Value
Description	LteNeighboring identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

165 –LteNeighboringCell

Table 165-1 LteNeighboringCell parameters

Parameters	
cellIndividualOffset id lteCellId qOffsetCell	rdnId remoteLteCellId sibOrMeasObjectUsage

Table 165-2 cellIndividualOffset

Name	Value
Description	3GPP 36.331. This parameter defines the cell individual offset between the current LteCell and the neighbor cell provided to the UE in RRC Connected mode for measurement. This parameter shall be present if the neighbor cell is included in the neighbor cell list to be provided in MeasObject. In dB.
Displayed name	cellIndividualOffset (General)
Impact	Partial reset (class B)
Type	CellOffsetEnum
Units	dB
Unset supported	Yes

Table 165-3 id

Name	Value
Description	user friendly LteNeighboringCell name, for operator use, but also part of eNodeB MIM, for use in PM reporting.
Displayed name	id (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 165-4 lteCellId

Name	Value
Description	This parameter refers to the instance of LteCell MO under the local eNodeB that represents a neighboring cell
Export	No
Impact	Partial reset (class B)
Type	String
Unset supported	Yes

Table 165-5 qOffsetCell

Name	Value
Description	This parameter defines the offset between the current LteCell and the LteNeighboringCell. This parameter shall be present and configured if the neighbor cell is included in the neighbor cell list to be provided in the System Information. In dB. Defined in TS 36.331 Broadcast in SystemInformationBlockType4
Displayed name	qOffsetCell (General)
Impact	Partial reset (class B)
Type	QOffsetCellEnum
Units	dB
Unset supported	Yes

Table 165-6 rdnlId

Name	Value
Description	RDN of the MIB object instance
Displayed name	rdnlId (General)
Mandatory on creation	Yes
Maximum	63
Minimum	0
Type	Integer

Table 165-7 remoteLteCellId

Name	Value
Description	It the neighboring cell that the LteNeighboringCell instance represents is supported by a eNodeB other than the local one, then this parameter refers to the instance of RemoteLteCell MO that represents the neighboring cell.
Export	No
Impact	Partial reset (class B)
Type	String
Unset supported	Yes

Table 165-8 sibOrMeasObjectUsage

Name	Value
Description	This parameter defines if the LteNeighboringCell is included in NeighbouringCellList in SystemInformation broadcast and/or NeighCellsToAddModifyList in MeasurementObject provided to UE in RRC Connected mode. If the parameter is not configured (absent) then the cell is not included neither in SIB nor MeasObject neighbor cell list.
Displayed name	sibOrMeasObjectUsage (General)
Impact	Partial reset (class B)
Type	SIBorMeasObjectUsageEnum
Unset supported	Yes

166 –LteNeighboringCellRelation

Table 166-1 LteNeighboringCellRelation parameters

Parameters	
cellIndividualOffset	physicalLayerCellIdentityGroupIndex
discoveredByAnr	physicalLayerCellIdentityIndex
id	plmnMobileCountryCode
macroEnbld	plmnMobileNetworkCode
macroEnbldUntil_V2_x	qOffsetCell
measuredByAnr	rdnId
noHO	relativeCellIdentity
noHoOrReselection	relativeCellIdentityUntil_V2_x
noRemove	trackingAreaCode
pci	x2AccessId

Table 166-2 cellIndividualOffset

Name	Value
Default	dB0
Description	3GPP 36.331.This parameter defines the cell individual offset between the current LteCell and the neighbor cell provided to the UE in RRC Connected mode for measurement. This parameter shall be present if the neighbor cell is included in the neighbor cell list to be provided in MeasObject. In dB.
Displayed name	cellIndividualOffset (General)
Impact	No reset (class C)
Type	CellOffsetEnum
Unset supported	Yes

Table 166-3 discoveredByAnr

Name	Value
Description	This attribute is set to true when the NR is discovered by ANR. It allows an easy identification of the LteNeighboringCellRelation discovered by ANR feature
Displayed name	discoveredByAnr (General)
Type	Boolean

Table 166-4 id

Name	Value
Description	user friendly LteNeighboringCellRelation name, for operator use, but also part of eNodeB MIM, for use in PM reporting. The creator can be either the operator or the eNB.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 166-5 macroEnbId

Name	Value
Description	TS 36.423 9.2.22 Global eNB ID of the neighbouring eNodeB. This parameter corresponds to the 20 leftmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGI.
Displayed name	macroEnbId (General)
Mandatory on creation	Yes
Maximum	1048575
Minimum	0
Type	Integer

Table 166-6 macroEnbIdUntil_V2_x

Name	Value
Description	TS 36.423 9.2.22 Global eNB ID of the neighbouring eNodeB. This parameter corresponds to the 20 leftmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGI
Displayed name	macroEnbId (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	20
Minimum	20
Type	String

(2 of 2)

Table 166-7 measuredByAnr

Name	Value
Default	False
Description	This attribute indicates if the neighbour relation has been measured over the air by the ANR function. It allows easy identification of the neighbour relations that have been "confirmed" or discovered by ANR feature.
Displayed name	measuredByAnr (General)
Mandatory on creation	Yes
Type	Boolean

Table 166-8 noHO

Name	Value
Default	False
Description	This flag allows or forbids eNodeB to use the LteNeighboringCellRelation for HO.
Displayed name	NoHO (General)
Impact	No reset (class C)
Type	Boolean

Table 166-9 noHoOrReselection

Name	Value
Default	False
Description	This flag allows or forbids eNodeB to use the LteNeighboringCellRelation for HO or reselection.
Displayed name	NoHoOrReselection (General)
Impact	No reset (class C)
Type	Boolean

Table 166-10 noRemove

Name	Value
Default	False
Description	This flag allows or forbids the deletion of the LteNeighboringCellRelation by eNodeB.
Displayed name	NoRemove (General)
Impact	No reset (class C)
Type	Boolean

Table 166-11 pci

Name	Value
Description	This parameter provides the physical cell identity as specified by TS 36.211, Chapter 6.11 Synchronization signals.
Displayed name	pci (General)
Impact	No reset (class C)
Maximum	503
Minimum	0
Type	Integer

Table 166-12 physicalLayerCellIdentityGroupIndex

Name	Value
Description	The physical layer cell identity group as specified by TS 36.211, Chapter 6.11 Synchronization signals.
Displayed name	physicalLayerCellIdentityGroupIndex (General)
Impact	No reset (class C)
Maximum	167
Minimum	0
Type	Integer

Table 166-13 physicalLayerCellIdentityIndex

Name	Value
Description	The cell identity within the physical layer cell identity group as specified by TS 36.211, Chapter 6.11 Synchronization signals The two combined form the Physical Cell Id
Displayed name	physicalLayerCellIdentityIndex (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	2
Minimum	0
Type	Integer

(2 of 2)

Table 166-14 plmnMobileCountryCode

Name	Value
Default	select
Description	value identifying the country covered and helpfull to identify ECGI (Evolved Cell Global Identifier) defining the globally unique identity of a cell in E-UTRAN.
Displayed name	plmnMobileCountryCode (General)
Mandatory on creation	Yes
Maximum	3
Minimum	3
Type	MobileCountryCode

Table 166-15 plmnMobileNetworkCode

Name	Value
Default	00
Description	value identifying the operator covered and helpfull to identify ECGI (Evolved Cell Global Identifier) defining the globally unique identity of a cell in E-UTRAN.
Displayed name	plmnMobileNetworkCode (General)
Mandatory on creation	Yes
Maximum	3
Minimum	2
Type	String

Table 166-16 qOffsetCell

Name	Value
Description	This parameter defines the offset between the current LteCell and the LteNeighboringCell. This parameter shall be present and configured if the neighbor cell is included in the neighbor cell list to be provided in the System Information. In dB. Defined in TS 36.331 Broadcast in SystemInformationBlockType4
Displayed name	qOffsetCell (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	QOffsetCellEnum
Units	dB
Unset supported	Yes

(2 of 2)

Table 166-17 rdnId

Name	Value
Description	RDN of the MIB object instance
Displayed name	rdnId (General)
Mandatory on creation	Yes
Maximum	63
Minimum	0
Type	Integer

Table 166-18 relativeCellIdentity

Name	Value
Description	The relativeCellIdentity associated with the macroEnbId allows to uniquely identify a cell within E-UTRAN. This parameter corresponds to the 8 rightmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGI.
Displayed name	relativeCellIdentity (General)
Mandatory on creation	Yes
Maximum	255
Minimum	0
Type	Integer

Table 166-19 relativeCellIdentityUntil_V2_x

Name	Value
Description	The relativeCellIdentity associated with the macroEnbId allows to uniquely identify a cell within E-UTRAN. This parameter corresponds to the 8 rightmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGI.
Displayed name	relativeCellIdentity (General)
Mandatory on creation	Yes
Maximum	8

(1 of 2)

Name	Value
Minimum	8
Type	String

(2 of 2)

Table 166-20 trackingAreaCode

Name	Value
Description	This parameters identifies the Tracking Area Code to which belongs the neighbour cell Defined in TS 36.331
Displayed name	trackingAreaCode (General)
Impact	No reset (class C)
Maximum	16
Minimum	16
Type	String

Table 166-21 x2AccessId

Name	Value
Description	This parameter refers to the instance of X2Access MO that represents the X2 interface link to the Neighbouring cell relation.
Export	No
Mandatory on creation	Yes
Type	String
Unset supported	Yes

167 –LteNeighboringFreqConf

Table 167-1 LteNeighboringFreqConf parameters

Parameters	
dIEARFCN id measurementBandwidth neighCellConfig	offsetFreq presenceAntennaPort1 priorityOffFreq

Table 167-2 dIEARFCN

Name	Value
Description	Inter-frequency Neighbourhood E-UTRA Absolute Radio Frequency Channel Number for downlink in the cell (DL centre carrier frequency), defined in TS 36.104 5.4.3.
Displayed name	dIEARFCN (General)
Maximum	41589
Minimum	0
Type	Integer

Table 167-3 id

Name	Value
Description	LteNeighboringFreqConf identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	8
Minimum	0
Type	Integer

(2 of 2)

Table 167-4 measurementBandwidth

Name	Value
Description	Expressed in number of resource blocks Also referred to as Transmission Bandwidth Configuration NRB in TS 36.101 Defined in TS 36.331 Broadcast in SystemInformationBlockType3
Displayed name	measurementBandwidth (General)
Impact	No reset (class C)
Type	MeasurementBandwidthEnum

Table 167-5 neighCellConfig

Name	Value
Default	NoMbsfnSubframesArePresent
Description	3GPP 36.331. This parameter provides information related to MBSFN and TDD UL/DL configuration of neighbour cells of this frequency 00: Not all neighbour cells have the same MBSFN subframe allocation as serving cell 10: The MBSFN subframe allocations of all neighbour cells are identical to or subsets of that in the serving cell 01: No MBSFN subframes are present in all neighbour cells 11: Different UL/DL allocation in neighbouring cells for TDD compared to the serving cell For TDD, 00, 10 and 01 are only used for same UL/DL allocation in neighbouring cells compared to the serving cell. For FDD current implementation only the value 1 is possible For TDD current implementation the only values are 1 & 11
Displayed name	neighCellConfig (General)
Impact	No reset (class C)
Type	NeighCellConfigEnum

Table 167-6 offsetFreq

Name	Value
Default	dB0
Description	3GPP 36.331. This parameter configures the RRC IE q-OffsetFreq included in the SIB5. Offset value applicable to the carrier frequency. Not used for Intrafrequency
Displayed name	offsetFreq (General)
Impact	No reset (class C)

(1 of 2)

Name	Value
Type	OffsetFreqEUTRAEnum
Units	dB
Unset supported	Yes

(2 of 2)

Table 167-7 presenceAntennaPort1

Name	Value
Default	True
Description	3GPP 36.331. This parameter is used to set the IE PresenceAntennaPort1 in SIB5 used to indicate whether all the neighbouring cells use Antenna Port 1 on the indicated frequency. When set to TRUE, the UE may assume that at least two cell-specific antenna ports are used in all neighbouring cells.
Displayed name	presenceAntennaPort1 (General)
Impact	No reset (class C)
Type	Boolean

Table 167-8 priorityOfFreq

Name	Value
Description	This attribute is used by the Algorithm for Control Procedure for Mobility (inter-freq chosen for the blind redirection)
Displayed name	priorityOfFreq (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

168 –LteNeighboringFreqConfFDD

Table 168-1 LteNeighboringFreqConfFDD parameters

Parameters	
dLEARFCN	id

Table 168-2 dLEARFCN

Name	Value
Description	Inter-frequency Neighbourhood E-UTRA Absolute Radio Frequency Channel Number for downlink in the cell (DL centre carrier frequency), defined in TS 36.104 5.4.3.
Displayed name	dLEARFCN (General)
Impact	No reset (class C)
Maximum	39649
Minimum	0
Type	Integer

Table 168-3 id

Name	Value
Description	LteNeighboringFreqConfFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

169 –LteNeighboringFreqConfTDD

Table 169-1 LteNeighboringFreqConfTDD parameters

Parameters	
dLEARFCN	id

Table 169-2 dLEARFCN

Name	Value
Description	E-UTRA Absolute Radio Frequency Channel Number for downlink in the cell (DL centre carrier frequency), defined in TS 36.104 5.4.3.
Displayed name	dLEARFCN (General)
Impact	Partial reset (class B)
Maximum	39649
Minimum	36000
Type	Integer

Table 169-3 id

Name	Value
Description	LteNeighboringFreqConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

170 –LteNeighborPlmnIdentity

Table 170-1 LteNeighborPlmnIdentity parameters

Parameters	
id	plmnMobileCountryCode
isPrimary	plmnMobileNetworkCode

Table 170-2 id

Name	Value
Description	LteNeighborPlmnIdentity identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

Table 170-3 isPrimary

Name	Value
Description	This parameter allows to specify if the matching PLMN is the primary one for the neighbor cell (the one that is part of Cell Global Identity) or is just one of the PLMNs broadcast in this cell.
Displayed name	isPrimary (General)
Mandatory on creation	Yes
Type	Boolean

Table 170-4 plmnMobileCountryCode

Name	Value
Description	This parameter identifies the MCC the LTE neighbor cell belongs to.
Displayed name	plmnMobileCountryCode (General)
Impact	No reset (class C)
Maximum	3
Minimum	3
Type	String

Table 170-5 plmnMobileNetworkCode

Name	Value
Description	This parameter identifies the MNC the LTE neighbor cell belongs to.
Displayed name	plmnMobileNetworkCode (General)
Impact	No reset (class C)
Maximum	3
Minimum	2
Type	String

171 –LteSpeedConf

Table 171-1 LteSpeedConf parameters

Parameters	
id tReselectionEutraSfHigh	tReselectionEutraSfMedium

Table 171-2 id

Name	Value
Description	LteSpeedConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 171-3 tReselectionEutraSfHigh

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType3. TS36.331: this parameter configures the t-ReselectionEUTRA-SF included in the IE SystemInformationBlockType3 and timeToTrigger-SF in IE MeasConfig. . Parameter "Speed dependent ScalingFactor for TReselectionEUTRA" in TS 36.304. If the field is not present, the UE behaviour is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	tReselectionEutraSfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum

Table 171-4 tReselectionEutraSfMedium

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType3. TS36.331: this parameter configures the t-ReselectionEUTRA-SF included in the IE SystemInformationBlockType3 and timeToTrigger-SF in IE MeasConfig. Parameter "Speed dependent ScalingFactor for TReselectionEUTRA" in TS 36.304. If the field is not present, the UE behaviour is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in Medium Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	tReselectionEutraSfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum

172 –LteSpeedDependentConf

Table 172-1 LteSpeedDependentConf parameters

Parameters	
id tReselectionEutraSfHigh	tReselectionEutraSfMedium

Table 172-2 id

Name	Value
Description	LteSpeedDependentConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 172-3 tReselectionEutraSfHigh

Name	Value
Description	This parameter configures the t-ReselectionEUTRA-SF that is included in the IE SystemInformationBlockType3, timeToTrigger-SF in IE MeasConfig. The parameter "Speed dependent ScalingFactor for TReselectionEUTRA" in TS 36.304. If the field is not present, the UE behaviour is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	tReselectionEutraSfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum

Table 172-4 tReselectionEutraSfMedium

Name	Value
Description	This parameter configures the t-ReselectionEUTRA-SF that is included in the IE SystemInformationBlockType3 and timeToTrigger-SF in IE MeasConfig. Parameter "Speed dependent ScalingFactor for TReselectionEUTRA" in TS 36.304. If the field is not present, the UE behaviour is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in Medium Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	tReselectionEutraSfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum

173 –MacConf

Table 173-1 MacConf parameters

Parameters	
hARQMaxNumberOfTransmission hARQMaxTimer id initialMCSIndexForBearerSetup	mIMOMode numberOfRBforVoIP uLBOProfileIndex

Table 173-2 hARQMaxNumberOfTransmission

Name	Value
Description	Maximum of HARQ transmissions attempts also allowing to calculate number of reserved Resource Blocks for HARQ retransmission of presistent scheduler
Displayed name	hARQMaxNumberOfTransmission (General)
Impact	Full reset (class A)
Maximum	8
Minimum	1
Type	Integer

Table 173-3 hARQMaxTimer

Name	Value
Description	The timer is started at the time the first transmission of an HARQ process. On timer expiry, the HARQ process is killed
Displayed name	hARQMaxTimer (General)
Impact	Full reset (class A)
Maximum	500
Minimum	1
Type	Integer
Units	ms

Table 173-4 id

Name	Value
Description	MacConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	15
Minimum	0
Type	Integer

Table 173-5 initialMCSIndexForBearerSetup

Name	Value
Description	Provides initial Modulation and Coding Scheme to be used at call setup
Displayed name	initialMCSIndexForBearerSetup (General)
Impact	Full reset (class A)
Maximum	28
Minimum	0
Type	Integer

Table 173-6 mIMOMode

Name	Value
Description	Provides information about the MIMO mode used for PDSCH
Displayed name	mIMOMode (General)

(1 of 2)

Name	Value
Impact	Full reset (class A)
Type	MIMOModeEnum

(2 of 2)

Table 173-7 numberOfRBforVoIP

Name	Value
Description	Number of RB allocated in the semi-static scheduler for one VoIP transmission. Must be a multiple of the RB group size (depends of DL bandwidth: 1 at 1.4 MHz, 2 at 3 & 5 MHz, 3 at 10 MHz, 4 at 20 MHz - ref. 36.213 7.1.6.1)
Displayed name	numberOfRBforVoIP (General)
Impact	Full reset (class A)
Maximum	100
Minimum	2
Type	Integer

Table 173-8 uLBOProfileIndex

Name	Value
Default	0
Description	instance index of MAC UL CONF MO to use for this type of bearer
Displayed name	uLBOProfileIndex (General)
Impact	Full reset (class A)
Maximum	3
Minimum	0
Type	Integer

Table 174-1 MacUIBOPProfile parameters

Parameters	
id	ulBOperiodicIncreaseEnabled
ulBOIncreaseUponResourceRequest	ulBOPeriodicIncreasePeriod
ulBOInitialValueUponHandover	ulBOProfileName
ulBOMACoverhead	ulBOWeight
ulBOMaxValue	

Table 174-2 id

Name	Value
Description	MacUIBOPProfile identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

Table 174-3 uLBOIncreaseUponResourceRequest

Name	Value
Default	500
Description	Systematic BE increase upon receipt of a Scheduling Request
Displayed name	uLBOIncreaseUponResourceRequest (General)
Impact	Full reset (class A)
Maximum	20000
Minimum	0
Type	Integer

Table 174-4 uLBOInitialValueUponHandover

Name	Value
Default	1000
Description	Defines the initial value of the BO estimate upon creation of a UE context in a handover scenario.
Displayed name	uLBOInitialValueUponHandover (General)
Impact	Full reset (class A)
Maximum	200000
Minimum	0
Type	Integer

Table 174-5 uLBOMACoverhead

Name	Value
Default	3
Description	Estimated average UL MAC overhead per MAC PDU
Displayed name	uLBOMACoverhead (General)
Impact	Full reset (class A)
Maximum	10
Minimum	0
Type	Integer

Table 174-6 uLBOMaxValue

Name	Value
Default	50000
Description	Define the max BO estimate value that can be made on a particular UL logical channel.
Displayed name	uLBOMaxValue (General)
Impact	Full reset (class A)
Maximum	200000
Minimum	0
Type	Integer

Table 174-7 uLBOPeriodicIncreaseEnabled

Name	Value
Default	disabled
Description	Switch to enable periodic UL BO increase
Displayed name	uLBOPeriodicIncreaseEnabled (General)
Impact	Full reset (class A)
Type	DisabledEnabledEnum

Table 174-8 uLBOPeriodicIncreasePeriod

Name	Value
Default	5
Description	Period of periodic Buffer Estimate increase when configured. In ms.
Displayed name	uLBOPeriodicIncreasePeriod (General)
Impact	Full reset (class A)
Maximum	250
Minimum	1
Type	Integer

Table 174-9 uLBOProfileName

Name	Value
Default	SRB
Description	Text used to explicitly state which type of RB (e.g. SRB, BE, VoIP, GBR) is associated with the profile.
Displayed name	uLBOProfileName (General)
Impact	Full reset (class A)
Maximum	255
Minimum	0
Type	String

Table 174-10 uLBOWeight

Name	Value
Default	100
Description	Defines the weight used for the computation of the UE UL QoS weight of the Buffer Occupancy component
Displayed name	uLBOWeight (General)
Impact	Full reset (class A)
Maximum	255
Minimum	0
Type	Integer

175 –Mbms

Table 175-1 Mbms parameters

Parameters	
id	isMbmsTrafficAllowed

Table 175-2 id

Name	Value
Description	Mbms identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 175-3 isMbmsTrafficAllowed

Name	Value
Default	True
Description	This parameter activates/deactivates the eMBMS traffic. If deactivated SIB13 is removed MBSFN SF are muted and not reusable for unicast.
Displayed name	isMbmsTrafficAllowed (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	Boolean

(2 of 2)

176 –MbmsBearerService

Table 176-1 MbmsBearerService parameters

Parameters	
gtpTelD guaranteedBitRate id iPMulticastAddress iPMulticastAddressType iPsourceAddress iPsourceAddressType plmnMobileCountryCode	plmnMobileNetworkCode qCI serviceId serviceName sessionId syncPeriodDuration syncPeriodOffset

Table 176-2 gtpTelD

Name	Value
Description	This parameter identifies the tunnel GTP used for the service.
Displayed name	gtpTelD (General)
Impact	No reset (class C)
Maximum	8
Minimum	8
Type	String

Table 176-3 guaranteedBitRate

Name	Value
Default	448
Description	This parameter is the average bit rate of the transmission. For the first release only GBR is allowed.
Displayed name	guaranteedBitRate (General)
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Integer
Units	Kbits/s

Table 176-4 id

Name	Value
Description	This parameter indicates the MbmsBearerService, for use in PM reporting.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 176-5 iPMulticastAddress

Name	Value
Default	0.0.0.0
Description	This parameter is an IP address used to multicast the service.
Displayed name	iPMulticastAddress (General)
Impact	No reset (class C)
Type	IP address

Table 176-6 iPMulticastAddressType

Name	Value
Default	ipv4

(1 of 2)

Name	Value
Description	This parameter is an IP address used to multicast the service.
Type	InetAddressType

(2 of 2)

Table 176-7 iPsourceAddress

Name	Value
Default	0.0.0.0
Description	This parameter is an IP Address of the BMSC that Multicast the service.
Displayed name	iPsourceAddress (General)
Impact	No reset (class C)
Type	IP address

Table 176-8 iPsourceAddressType

Name	Value
Default	ipv4
Description	This parameter is an IP Address of the BMSC that Multicast the service.
Type	InetAddressType

Table 176-9 plmnMobileCountryCode

Name	Value
Description	This parameter is a part of the Temporary Mobile Group Identity (TMGI) as defined in TS 24.008 [49] and in See TS 36.331 identifies uniquely the identity of an MBMS service. it is composed of: - the Mobile Country Code (MCC). See TS23.003 that is the first part of the PLMNid - the Mobile Network Code (MNC). See TS 23.003.that is the last part of the PLMNid - The service ID for this PLMN.
Displayed name	plmnMobileCountryCode (General)
Impact	Partial reset (class B)
Maximum	3
Minimum	3
Type	String

Table 176-10 plmnMobileNetworkCode

Name	Value
Description	This parameter is a part of the Temporary Mobile Group Identity (TMGI) as defined in TS 24.008 [49] and in See TS 36.331 identifies uniquely the identity of an MBMS service. it is composed of: - the Mobile Country Code (MCC). See TS23.003 that is the first part of the PLMNid - the Mobile Network Code (MNC). See TS 23.003.that is the last part of the PLMNid - The service ID for this PLMN.
Displayed name	plmnMobileNetworkCode (General)
Impact	Partial reset (class B)
Maximum	3
Minimum	2
Type	String

Table 176-11 qCI

Name	Value
Default	4
Description	This parameter identifies the value of the QoS Class Identifier (QCI).
Displayed name	qCI (General)
Mandatory on creation	Yes
Maximum	255
Minimum	1
Type	Integer

Table 176-12 serviceld

Name	Value
Description	This parameter specifies part of the Temporary Mobile Group Identity (TMGI) as defined in TS 24.008 [49] and in See TS 36.331 identifies uniquely the identity of an MBMS service. it is composed of: - the Mobile Country Code (MCC). See TS23.003 that is the first part of the PLMNid - the Mobile Network Code (MNC). See TS 23.003.that is the last part of the PLMNid - The service ID for this PLMN.
Displayed name	serviceld (General)
Impact	Partial reset (class B)
Maximum	6
Minimum	3
Type	String

Table 176-13 serviceName

Name	Value
Description	This parameter is a free name of the service.
Displayed name	serviceName (General)
Impact	No reset (class C)
Maximum	64
Minimum	0
Type	String
Unset supported	Yes

Table 176-14 sessionId

Name	Value
Default	00
Description	This parameter identifies the session.
Displayed name	sessionId (General)
Impact	Partial reset (class B)
Maximum	2
Minimum	1
Type	String
Unset supported	Yes

Table 176-15 syncPeriodDuration

Name	Value
Default	4096
Description	This parameter specifies the duration of a synchronization period as per 36.300 specification.
Displayed name	syncPeriodDuration (General)
Impact	Partial reset (class B)
Maximum	4096
Minimum	4096
Type	Integer
Units	frames

Table 176-16 syncPeriodOffset

Name	Value
Default	0
Description	This parameter specifies the Time offset between BM-SC and eNodeB. Time stamp in sync header minus syncPeriodOffset is the eNodeB system frame number. All the eNodeBs shall have the same offset for a given bearer service. Normally this parameter is set to 0. In case of modification, it should be made at BM-SC level. Anyway, this parameter in the MIM can be useful in case the eNodeBs are unsynchronized with one or several BM-SC.
Displayed name	syncPeriodOffset (General)
Impact	Partial reset (class B)
Maximum	4095
Minimum	0
Type	Integer
Units	frames

177 –MbmsServiceArea

Table 177-1 MbmsServiceArea parameters

Parameters	
id mbmsBearerServiceIdList	mbmsServiceAreaName

Table 177-2 id

Name	Value
Description	MbmsServiceArea identifier This parameter allows a mapping between the service area and the service definition (for TV and Radio).
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	14
Minimum	0
Type	Integer

Table 177-3 mbmsBearerServiceIdList

Name	Value
Description	This parameter allows a mapping between the service area and the service definition (for TV and Radio).
Impact	No reset (class C)
Type	Dynamic stringlist

Table 177-4 mbmsServiceAreaName

Name	Value
Description	This parameter is the service area name.
Displayed name	mbmsServiceAreaName (General)
Impact	No reset (class C)
Maximum	64
Minimum	0
Type	String
Unset supported	Yes

178 –MbsfnArea

Table 178-1 MbsfnArea parameters

Parameters	
commonSFAllocPeriod id mbmsBearerServiceIdList mbsfnAreaId mbsfnAreaName sib13McchModificationPeriod sib13McchOffset	sib13McchRepetitionPeriod sib13MmcchRepetitionPeriod sib13NonMBSFNregionLength sib13NotificationIndicator sib13SFAllocInfo sib13SignallingMCS

Table 178-2 commonSFAllocPeriod

Name	Value
Default	rf128
Description	This parameter indicates the period during which resources corresponding with object SubFrameAllocationPattern are divided between the (P)MCH that are configured for this MBSFN area. The subframe allocation patterns, as defined by SubFrameAllocationPattern, repeat continuously during this period.
Displayed name	commonSFAllocPeriod (General)
Impact	Partial reset (class B)
Type	CommonSFAllocPeriodEnum
Units	frames

Table 178-3 id

Name	Value
Description	MbsfnArea identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 178-4 mbmsBearerServiceIdList

Name	Value
Description	This parameter allows a mapping between the service area and the service definition (for TV and Radio).
Impact	Partial reset (class B)
Type	Dynamic stringlist

Table 178-5 mbsfnAreald

Name	Value
Default	0
Description	This parameter indicates the MBSFN area ID, parameter NIDMBSFN in TS 36.211 [21, 6.10.2.1] and in TS36.331 SIB 13.
Displayed name	mbsfnAreald (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 178-6 mbsfnAreaName

Name	Value
Description	This parameter is a free name for the MO.
Displayed name	mbsfnAreaName (General)
Impact	No reset (class C)
Maximum	64

(1 of 2)

Name	Value
Minimum	0
Type	String
Unset supported	Yes

(2 of 2)

Table 178-7 sib13McchModificationPeriod

Name	Value
Default	rf512
Description	This parameter defines periodically appearing boundaries, radio frames for which $\text{SFN mod mcch-ModificationPeriod} = 0$. The contents of different transmissions of MCCH information can only be different if there is at least one such boundary in-between them.
Displayed name	sib13McchModificationPeriod (General)
Impact	Partial reset (class B)
Type	McchModificationPeriodEnum

Table 178-8 sib13McchOffset

Name	Value
Default	0
Description	This parameter indicates, together with the mcch-RepetitionPeriod, the radio frames in which MCCH is scheduled. The MCCH is scheduled in radio frames for which: $\text{SFN mod mcch-RepetitionPeriod} = \text{mcch-Offset}$.
Displayed name	sib13McchOffset (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 178-9 sib13McchRepetitionPeriod

Name	Value
Default	rf128
Description	This parameter specifies the interval, in radio frames, between transmissions of MCCH information. The value rf32 corresponds to 32 radio frames, rf64 corresponds to 64 radio frames and so on.
Displayed name	sib13McchRepetitionPeriod (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Type	McchRepetitionPeriodEnum

(2 of 2)

Table 178-10 sib13McchRepetitionPeriod

Name	Value
Default	rf128
Description	This parameter defines the interval between transmissions of MCCH information, in radio frames. Value rf32 corresponds to 32 radio frames, rf64 corresponds to 64 radio frames and so on.
Displayed name	sib13McchRepetitionPeriod (General)
Impact	Partial reset (class B)
Type	McchRepetitionPeriodEnum

Table 178-11 sib13NonMBSFNregionLength

Name	Value
Default	s1
Description	This parameter indicates how many symbols from the beginning of the subframe constitute the non-MBSFN region. This value applies in all subframes of the MBSFN area used for PMCH transmissions as indicated in the MSI. The values s1 and s2 correspond with 1 and 2 symbols, respectively: see TS 36.211 [21, Table 6.7-1]. Only value s1 is available.
Displayed name	sib13NonMBSFNregionLength (General)
Impact	Partial reset (class B)
Type	NonMBSFNregionLengthEnum

Table 178-12 sib13NotificationIndicator

Name	Value
Default	0
Description	This parameter indicates which PDCCH bit is used to notify the UE about change of the MCCH applicable for this MBSFN area. Value 0 corresponds with the least significant bit as defined in TS 36.212 [22, Section 5.3.3.1] and so on.
Displayed name	sib13NotificationIndicator (General)
Impact	Partial reset (class B)
Maximum	7

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 178-13 sib13SfAllocInfo

Name	Value
Default	100000
Description	This parameter indicates the subframes of the radio frames indicated by the mcch-RepetitionPeriod and the mcch-Offset, that may carry MCCH. Value "1" indicates that the corresponding subframe is allocated. The following mapping applies: FDD: The first/ leftmost bit defines the allocation for subframe number 1 of the radio frame indicated by mcch-RepetitionPeriod and mcch-Offset, the second bit for number 2, the third bit for number 3, the fourth bit for number 6, the fifth bit for number 7 and the sixth bit for number 8. TDD: The first/leftmost bit defines the allocation for subframe number 3 of the radio frame indicated by mcch-RepetitionPeriod and mcch-Offset, the second bit for number 4, third bit for number 7, fourth bit for number 8, fifth bit for number 9. Uplink subframes are not allocated. The last bit is not used.
Displayed name	sib13SfAllocInfo (General)
Impact	Partial reset (class B)
Maximum	6
Minimum	6
Type	String

Table 178-14 sib13SignallingMCS

Name	Value
Default	n7
Description	This parameter indicates the Modulation and Coding Scheme (MCS) applicable for the subframes indicated by the field sf-AllocInfo and for the first subframe of each MCH scheduling period (which may contain the MCH scheduling information provided by MAC). Value n2 corresponds with the value 2 for parameter in TS 36.213 [23, Table 7.1.7.1-1], and so on.
Displayed name	sib13SignallingMCS (General)
Impact	Partial reset (class B)
Type	SignallingMCSEnum

179 –MbsfnCellConf

Table 179-1 MbsfnCellConf parameters

Parameters	
id mbsfnCellConfName sib13NotificationOffset	sib13NotificationRepetitionCoeff sib13NotificationSFIndex

Table 179-2 id

Name	Value
Description	MbsfnCellConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	9
Minimum	0
Type	Integer

Table 179-3 mbsfnCellConfName

Name	Value
Default	No default
Description	This parameter is the profile name given by ALU at the profile creation. So a rule can be set like profil_name.profil_version.eNB_version.
Displayed name	mbsfnCellConfName (General)
Impact	No reset (class C)
Maximum	64
Minimum	0
Type	String
Unset supported	Yes

Table 179-4 sib13NotificationOffset

Name	Value
Default	0
Description	This parameter contributes to indicate when a change notification of the MBSFN area appears. It indicates, together with the notificationRepetitionCoeff, the radio frames in which the MCCH information change notification is scheduled. The MCCH information change notification is scheduled in radio frames for which: SFN mod notification repetition period = notificationOffset.
Displayed name	sib13NotificationOffset (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 179-5 sib13NotificationRepetitionCoeff

Name	Value
Default	n4
Description	This parameter contributes to indicate when a change notification of the MBSFN area appears. Actual change notification repetition period common for all MCCHs that are configured = shortest modification period / notificationRepetitionCoeff. The shortest modification period corresponds with the lowest value of mcch-ModificationPeriod of all MCCHs that are configured. Value n2 corresponds to coefficient 2, and so on.
Displayed name	sib13NotificationRepetitionCoeff (General)
Impact	Partial reset (class B)
Type	NotificationRepetitionCoeffEnum

Table 179-6 sib13NotificationSFIndex

Name	Value
Default	1
Description	This parameter contributes to indicate when a change notification of the MBSFN area appears. it indicates the subframe used to transmit MCCH change notifications on PDCCH. FDD: Value 1, 2, 3, 4, 5 and 6 correspond with subframe number 1, number 2, number 3, number 6, number 7, and number 8 respectively. TDD: Value 1, 2, 3, 4, and 5 correspond with subframe number 3, number 4, number 7, number 8, and number 9 respectively.
Displayed name	sib13NotificationSFIndex (General)
Impact	Partial reset (class B)
Maximum	6
Minimum	1
Type	Integer

180 –MbsfnMtch

Table 180-1 MbsfnMtch parameters

Parameters	
id logicalChannelIdentity	mbmsBearerServiceId

Table 180-2 id

Name	Value
Description	MbsfnMtch identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 180-3 logicalChannelIdentity

Name	Value
Description	This parameter determines which MTCH is used for this service.
Displayed name	logicalChannelIdentity (General)
Impact	Partial reset (class B)

(1 of 2)

Name	Value
Maximum	28
Minimum	0
Type	Integer

(2 of 2)

Table 180-4 mbmsBearerServiceId

Name	Value
Description	This parameter allows the mapping between a static scheduling profile and a MBMS service. MbsfnMtch object contains the radio resource characteristic and the MbmsBearerService contain the service TV and radio definition.
Export	No
Impact	Partial reset (class B)
Type	String

181 –MbsfnPmch

Table 181-1 MbsfnPmch parameters

Parameters	
dataMCS id	mchSchedulingPeriod sfAllocEnd

Table 181-2 dataMCS

Name	Value
Default	4
Description	This parameter indicates the value for parameter in TS 36.213 [23, Table 7.1.7.1-1], which defines the Modulation and Coding Scheme (MCS) applicable for the subframes of this (P)MCH as indicated by the field commonSF-Alloc. The MCS does however neither apply to the subframes that may carry MCCH. The subframes indicated by the field sf-AllocInfo within SystemInformationBlockType13 nor for the first subframe of each MCH scheduling period (which may contain the MCH scheduling information provided by MAC).
Displayed name	dataMCS (General)
Impact	Partial reset (class B)
Maximum	28
Minimum	0
Type	Integer

Table 181-3 id

Name	Value
Description	MbsfnPmch identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	14
Minimum	0
Type	Integer

Table 181-4 mchSchedulingPeriod

Name	Value
Default	rf128
Description	This parameter indicates the MCH scheduling period. The periodicity used for providing MCH scheduling information at lower layers (MAC) applicable for an MCH. Value rf8 corresponds to 8 radio frames, rf16 corresponds to 16 radio frames and so on.
Displayed name	mchSchedulingPeriod (General)
Impact	Partial reset (class B)
Type	MchSchedulingPeriodEnum

Table 181-5 sfAllocEnd

Name	Value
Description	This parameter indicates the last subframe allocated to this (P)MCH within a period identified by field commonSF-AllocPeriod. The subframes allocated to (P)MCH corresponding with the nth entry in pmch-InfoList are the subsequent subframes starting from either the subframe identified by sf-AllocEnd of the (n-1)th listed (P)MCH or, for n=1, the first subframe, through the subframe identified by sf-AllocEnd of the nth listed (P)MCH. Value 0 corresponds with the first subframe defined by field commonSF-Alloc.
Displayed name	sfAllocEnd (General)
Impact	Partial reset (class B)
Maximum	1535
Minimum	0
Type	Integer

182 –MbsfnSubframeAllocationPattern

Table 182-1 MbsfnSubframeAllocationPattern parameters

Parameters	
fourFrames id oneFrame	radioFrameAllocationOffset radioFrameAllocationPeriod

Table 182-2 fourFrames

Name	Value
Default	111111111111111111111111
Description	This parameter identifies the SF allocated for the concerned MBSFN area in four consecutive frames. A bit-map indicating MBSFN subframe allocation in four consecutive radio frames, "1" denotes that the corresponding subframe is allocated for MBSFN. The bitmap is interpreted as follows: FDD: Starting from the first radioframe and from the first/leftmost bit in the bitmap, the allocation applies to subframes number 1, number 2, number 3, number 6, number 7, and number 8 in the sequence of the four radio-frames. TDD: Starting from the first radioframe and from the first/leftmost bit in the bitmap, the allocation applies to subframes number 3, number 4, number 7, number 8, and number 9 in the sequence of the four radio-frames. The last four bits are not used. Uplink subframes are not allocated. (not used).
Displayed name	fourFrames (General)
Impact	Partial reset (class B)
Maximum	24
Minimum	24

(1 of 2)

Name	Value
Type	String
Unset supported	Yes

(2 of 2)

Table 182-3 id

Name	Value
Description	MbsfnSubframeAllocationPattern identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 182-4 oneFrame

Name	Value
Default	111111
Description	This parameter identifies the SF allocated for the concerned MBSFN area in a frame. "1" denotes that the corresponding subframe is allocated for MBSFN. The following mapping applies: FDD: The first/leftmost bit defines the MBSFN allocation for subframe number 1, the second bit for number 2, third bit for number 3, fourth bit for number 6, fifth bit for number 7, sixth bit for number 8. TDD: The first/leftmost bit defines the allocation for subframe number 3, the second bit for number 4, third bit for number 7, fourth bit for number 8, fifth bit for number 9. Uplink subframes are not allocated. The last bit is not used.
Displayed name	oneFrame (General)
Impact	Partial reset (class B)
Maximum	6
Minimum	6
Type	String
Unset supported	Yes

Table 182-5 radioFrameAllocationOffset

Name	Value
Default	0
Description	This parameter identifies the SF allocated for the concerned MBSFN area. Radio-frames that contain MBSFN subframes occur when equation $\text{SFN mod radioFrameAllocationPeriod} = \text{radioFrameAllocationOffset}$ is satisfied. Value n1 for radioFrameAllocationPeriod denotes value 1, n2 denotes value 2, and so on. When fourFrames is used for subframeAllocation, the equation defines the first radio frame referred to in the description below. Values n1 and n2 are not applicable when fourFrames is used.
Displayed name	radioFrameAllocationOffset (General)
Impact	Partial reset (class B)
Maximum	7
Minimum	0
Type	Integer

Table 182-6 radioFrameAllocationPeriod

Name	Value
Default	n1
Description	This parameter identifies the SF allocated for the concerned MBSFN area. Radio-frames that contain MBSFN subframes occur when equation $\text{SFN mod radioFrameAllocationPeriod} = \text{radioFrameAllocationOffset}$ is satisfied. Value n1 for radioFrameAllocationPeriod denotes value 1, n2 denotes value 2, and so on. When fourFrames is used for subframeAllocation, the equation defines the first radio frame referred to in the description below. Values n1 and n2 are not applicable when fourFrames is used.
Displayed name	radioFrameAllocationPeriod (General)
Impact	Partial reset (class B)
Type	RadioFrameAllocationPeriodEnum

183 –MeasObject

Table 183-1 MeasObject parameters

Parameters	
id	measObjectId

Table 183-2 id

Name	Value
Description	MeasObject identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

Table 183-3 measObjectId

Name	Value
Description	3GPP 36.331 This parameter configures the RRC IE measObjectId used to identify a measurement object configuration
Displayed name	measObjectId (General)
Impact	Full reset (class A)

(1 of 2)

Name	Value
Maximum	32
Minimum	1
Type	Integer

(2 of 2)

184 –MeasObjectCDMA2000

Table 184-1 MeasObjectCDMA2000 parameters

Parameters	
bandClass carrierFreq cdma2000Type	id offsetFreq searchWindowSize

Table 184-2 bandClass

Name	Value
Description	This parameter defines the CDMA2000 band in which the CDMA2000 carrier frequency can be found and for which this configuration is valid. See TS36.331.
Displayed name	bandClass (General)
Impact	No reset (class C)
Type	HrpdBandEnum

Table 184-3 carrierFreq

Name	Value
Description	This parameter indicates the CDMA2000 carrier frequency within a CDMA2000 band for which this configuration is valid. See C.S0002-A [12] and TS36.331.
Displayed name	carrierFreq (General)
Impact	No reset (class C)

(1 of 2)

Name	Value
Maximum	2047
Minimum	0
Type	Integer

(2 of 2)

Table 184-4 cdma2000Type

Name	Value
Default	typeHRPD
Description	This parameter indicates the type of CDMA2000 network: CDMA2000 1xRTT or CDMA2000 HRPD. See TS36.331
Displayed name	cdma2000Type (General)
Impact	No reset (class C)
Type	Cdma2000TypeEnum

Table 184-5 id

Name	Value
Description	MeasObjectCDMA2000 identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 184-6 offsetFreq

Name	Value
Default	0
Description	This parameter configures the IE offsetFreq included in the IE MeasObjectCDMA2000 in the IE MeasConfig::offsetFreq that is used to indicate a frequency specific offset to be applied when evaluating triggering conditions for measurement reporting. The value in dB. See TS36.331.
Displayed name	offsetFreq (General)
Impact	No reset (class C)
Maximum	15
Minimum	-15

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Name	Value
Type	Integer
Units	dB

(2 of 2)

Table 184-7 searchWindowSize

Name	Value
Description	This parameter provides the search window size to be used by the UE for the neighbouring pilot. See C.S0005-A [25] and TS36.331.
Displayed name	searchWindowSize (General)
Impact	No reset (class C)
Maximum	15
Minimum	0
Type	Integer
Unset supported	Yes

185 –MeasObjectEUTRA

Table 185-1 MeasObjectEUTRA parameters

Parameters	
dLEARFCN id	measurementBandwidth offsetFreq

Table 185-2 dLEARFCN

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE earfcn-DL of MeasObjectEUTRA IE
Displayed name	dLEARFCN (General)
Impact	No reset (class C)
Maximum	41589
Minimum	0
Type	Integer

Table 185-3 id

Name	Value
Description	MeasObjectEUTRA identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

Table 185-4 measurementBandwidth

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE MeasurementBandwidth used to indicate measurement bandwidth defined by the parameter Transmission Bandwidth Configuration NRB [3GPP 36.104]. The unit is blocks.
Displayed name	measurementBandwidth (General)
Impact	No reset (class C)
Type	MeasurementBandwidthEnum

Table 185-5 offsetFreq

Name	Value
Default	dB0
Description	3GPP 36.331. This parameter configures the RRC IE offsetFreq included in the IE MeasObjectEUTRA IE. Offset value applicable to the carrier frequency. If this parameter is absent then the default value is configured in RRC
Displayed name	offsetFreq (General)
Impact	No reset (class C)
Type	OffsetFreqEUTRAEnum
Units	dB
Unset supported	Yes

186 –MeasObjectEUTRAFDD

Table 186-1 MeasObjectEUTRAFDD parameters

Parameters	
dLEARFCN	id

Table 186-2 dLEARFCN

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE carrierFreq of MeaseObjectEUTRA.
Displayed name	dLEARFCN (General)
Impact	No reset (class C)
Maximum	39649
Minimum	0
Type	Integer

Table 186-3 id

Name	Value
Description	MeasObjectEUTRAFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes

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Name	Value
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

187 –MeasObjectGERAN

Table 187-1 MeasObjectGERAN parameters

Parameters	
bandIndicatorGERAN geranARFCNList geranNeighboringFreqsConfId	id nccPermitted offsetFreqGERAN

Table 187-2 bandIndicatorGERAN

Name	Value
Description	This attribute corresponds to the GERAN band indicator of the group. This IE is optional as not always useful to understand the ARFCN.
Displayed name	bandIndicatorGERAN (General)
Impact	No reset (class C)
Type	BandIndicatorGERANEnum

Table 187-3 geranARFCNList

Name	Value
Description	This attribute corresponds to a list of GERAN ARFCN
Impact	No reset (class C)
Type	List name GeranARFCNListType maps to singular value: INT

Table 187-4 geranNeighboringFreqsConfId

Name	Value
Description	This parameter is an association. This parameter refers to the instance of the GERANNeighboringFreqsConf MO.
Export	No
Impact	No reset (class C)
Type	String

Table 187-5 id

Name	Value
Description	MeasObjectGERAN identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 187-6 nccPermitted

Name	Value
Default	11111111
Description	This field is a bitmap of NCCs for which the mobile station is permitted to report measurement
Displayed name	nccPermitted (General)
Impact	No reset (class C)
Maximum	8
Minimum	8
Type	String

Table 187-7 offsetFreqGERAN

Name	Value
Default	0
Description	offsetFreq is used to indicate a frequency specific offset to be applied when evaluating triggering conditions for measurement reporting. The value in dB.
Displayed name	offsetFreqGERAN (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	15
Minimum	-15
Type	Integer
Units	dB

(2 of 2)

188 –MeasObjectUTRA

Table 188-1 MeasObjectUTRA parameters

Parameters	
carrierFreq id offsetFreqUTRA	utraFddNeighboringFreqConfId utraTddNeighboringFreqConfId

Table 188-2 carrierFreq

Name	Value
Description	This parameter configures the carrierFreq in the IE MeasObjectUTRA. See TS 36.331. The carrierFreq indicates the ARFCN applicable for a downlink (Nd, FDD) or bi-directional (Nt, TDD) UTRA carrier frequency, as defined in TS 25.331. This parameter is also used to retrieve all the parameters related this carrierFreq.
Displayed name	carrierFreq (General)
Impact	No reset (class C)
Maximum	16383
Minimum	0
Type	Integer

Table 188-3 id

Name	Value
Description	MeasObjectUTRA identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 188-4 offsetFreqUTRA

Name	Value
Description	TS36.331: this parameter configures the IE offsetFreq included in the IE MeasObjectUTRA in the IE MeasConfig. offsetFreq that is used to indicate a frequency specific offset to be applied when evaluating triggering conditions for measurement reporting. The value in dB.
Displayed name	offsetFreqUTRA (General)
Impact	No reset (class C)
Maximum	15
Minimum	-15
Type	Integer

Table 188-5 utraFddNeighboringFreqConfId

Name	Value
Description	This parameter is an association (also called indirection or pointer). This parameter refers to the instance of the utraFddNeighboringFreqConf MO that must be considered when the UE is configured with the measurement configured by this instance of the MO MeasObjectUTRA
Export	No
Impact	No reset (class C)
Type	String
Unset supported	Yes

Table 188-6 utraTddNeighboringFreqConflD

Name	Value
Description	This parameter is an association (also called indirection or pointer). This parameter refers to the instance of the utraTddNeighboringFreqConf MO that must be considered when the UE is configured with the measurement configured by this instance of the MO MeasObjectUTRA
Export	No
Impact	No reset (class C)
Type	String
Unset supported	Yes

189 –MeasurementIdentityConf

Table 189-1 MeasurementIdentityConf parameters

Parameters	
id measId measObjectId measObjectLink	measurementPurpose reportConfigId reportConfigLink

Table 189-2 id

Name	Value
Description	MeasurementIdentityConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	47
Minimum	0
Type	Integer

Table 189-3 measId

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE measId used to identify a measurement configuration in the UE
Displayed name	measId (General)
Impact	Full reset (class A)
Maximum	32
Minimum	1
Type	Integer

Table 189-4 measObjectId

Name	Value
Description	This parameter refers to the instance of the MeasObject MO that must be considered when the UE is configured with the measurement configured by this instance of the MO MeasurementIdentityConf
Impact	No reset (class C)
Type	String

Table 189-5 measObjectLink

Name	Value
Description	This parameter refers to the instance of the MeasObject MO that is considered when the UE is configured with the measurement configured by the instance of the MO MeasurementIdentityConf.
Export	No
Impact	No reset (class C)
Type	String

Table 189-6 measurementPurpose

Name	Value
Description	This parameter configures the purpose of this measurement reporting.
Displayed name	measurementPurpose (General)
Impact	No reset (class C)
Type	MeasurementPurposeEnum

Table 189-7 reportConfigId

Name	Value
Description	This parameter refers to the instance of the ReportConfig MO that must be considered when the UE is configured with the measurement configured by this instance of the MO MeasurementIdentityConf
Impact	No reset (class C)
Type	String

Table 189-8 reportConfigLink

Name	Value
Description	This parameter refers to the instance of the ReportConfig MO that is considered when the UE is configured with the measurement configured by this instance of the MO MeasurementIdentityConf.
Export	No
Impact	No reset (class C)
Type	String

190 –MimoConfiguration

Table 190-1 id

Name	Value
Description	MimoConfiguration identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

191 –MmeAccess

Table 191-1 MmeAccess parameters

Parameters	
administrativeState defaultS1TimeToWait id plmnId	priority rdnId remoteIpAddress remoteIpAddressType

Table 191-2 administrativeState

Name	Value
Displayed name	Administrative State (States)
Type	AdministrativeStateType

Table 191-3 defaultS1TimeToWait

Name	Value
Default	v20s
Description	Default time to wait before retrying to setup S1 interface. It is used when the TimeToWait IE has not been received in the S1 Setup Failure (TS36.413)
Displayed name	defaultS1TimeToWait (General)
Impact	Full reset (class A)

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Name	Value
Type	TimeToWaitEnum
Units	s

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Table 191-4 id

Name	Value
Description	user friendly MmeAccess name, for operator use, but also part of eNodeB MIM, for use in PM reporting. Note min is changed to 1 to force the Operator to give well-defined value
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 191-5 plmnId

Name	Value
Description	This parameter refers to the instance of the PlmnIdentity object that defines the MCC and MNC of the associated PLMN.
Impact	Partial reset (class B)
Type	String

Table 191-6 priority

Name	Value
Default	primary
Description	Defines whether an MME belongs to the primary or secondary pool of MMEs. This is an Alcatel-Lucent proprietary mechanism which allows to route UEs to a backup secondary pool of MMEs when all MMEs of the primary pool are unreachable or in overload. During normal operation, all UEs are routed to the primary pool of MMEs using 3GPP standard MME selection.
Displayed name	priority (General)
Impact	No reset (class C)
Type	MMEPriority

Table 191-7 rdnlId

Name	Value
Description	RDN of the MmeAccess object instance
Displayed name	rdnlId (General)
Mandatory on creation	Yes
Maximum	15
Minimum	0
Type	Integer

Table 191-8 remotIpAddress

Name	Value
Default	0.0.0.0
Displayed name	Remote IP Address (General)
Mandatory on creation	Yes
Type	IP address

Table 191-9 remotIpAddressType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

192 –MmeAccessGroup

Table 192-1 id

Name	Value
Description	MmeAccessGroup identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

193 –MMEAccessRestrictionAbs

Table 193-1 MMEAccessRestrictionAbs parameters

Parameters	
accessRestriction	nASCause

Table 193-2 accessRestriction

Name	Value
Description	Access Restriction Type.
Displayed name	Access Restriction Cause (General)
Mandatory on creation	Yes
Type	ACCESSREST_CAUSE

Table 193-3 nASCause

Name	Value
Description	NAS cause type.
Displayed name	NAS Cause (General)
Type	NAS_CAUSE

194 –MMEARP

Table 194-1 id

Name	Value
Default	0
Description	SAM Internal ID that is the result of the Composite Key calculation for that class.
Mandatory on creation	Yes
Maximum	1000
Minimum	1
templatable	No
Type	Long integer

195 –MMEARPAbs

Table 195-1 MMEARPabs parameters

Parameters	
aRPQCI capability	vulnerability

Table 195-2 aRPQCI

Name	Value
Description	QoS Class Identifier.
Displayed name	QCI (General)
Mandatory on creation	Yes
Maximum	9
Minimum	1
Type	Integer

Table 195-3 capability

Name	Value
Default	False
Description	Defines whether a bearer with a lower ARP priority level is dropped to free up required resources.

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Name	Value
Displayed name	Capability (General)
Type	Boolean

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Table 195-4 vulnerability

Name	Value
Default	False
Description	Defines whether a bearer is applicable for dropping by a pre-emption capable bearer with a higher ARP priority value. This allows the eNB to free up capacity during exceptional situations.
Displayed name	Vulnerability (General)
Type	Boolean

196 —MMEDiameterCauseAbs

Table 196-1 MMEiameterCauseAbs parameters

Parameters	
diameterCause	nASCause

Table 196-2 diameterCause

Name	Value
Description	Diameter Cause type.
Displayed name	Diameter Cause (General)
Mandatory on creation	Yes
Type	DIAMETER_CAUSE

Table 196-3 nASCause

Name	Value
Description	NAS cause type.
Displayed name	NAS Cause (General)
Type	NAS_CAUSE

197 –MMEEmergencyNumListAbs

Table 197-1 MMEEmergencyNumListAbs parameters

Parameters	
ambulance emergencyDigits emergencyNumberTableId fireBrigade	marineGuard mountainRescue police

Table 197-2 ambulance

Name	Value
Default	True
Description	If Emergency Number Digits apply to Ambulance.
Displayed name	Ambulance (General)
Type	Boolean

Table 197-3 emergencyDigits

Name	Value
Description	Emergency Number. Only 8 unique numbers per EmergencyNumberTableId
Displayed name	Emergency Digits (General)
Mandatory on creation	Yes

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Name	Value
Maximum	10
Minimum	1
Type	String

(2 of 2)

Table 197-4 emergencyNumberTableId

Name	Value
Description	Emergency Number Table Identifier.
Displayed name	EmergencyNumber Table Id (General)
Mandatory on creation	Yes
Maximum	10
Minimum	1
Type	Integer

Table 197-5 fireBrigade

Name	Value
Default	True
Description	If Emergency Number Digits apply to Fire Brigade.
Displayed name	Fire Brigade (General)
Type	Boolean

Table 197-6 marineGuard

Name	Value
Default	True
Description	If Emergency Number Digits apply to Marine Guard.
Displayed name	Marine Guard (General)
Type	Boolean

Table 197-7 mountainRescue

Name	Value
Default	True
Description	If Emergency Number Digits apply to Mountain Rescue.
Displayed name	Mountain Rescue (General)
Type	Boolean

Table 197-8 police

Name	Value
Default	True
Description	If Emergency Number Digits apply to Police.
Displayed name	Police (General)
Type	Boolean

198 –MMEEmergencyProfileAbs

Table 198-1 MMEEmergencyProfileAbs parameters

Parameters	
aMBR_DL	initiateLCSRequest
aMBR_UL	pDNGW_FQDN
aPN_NI	pDNGW_IPV4
emerARP	pDNGW_IPV4Type
emergencyGMLCAldernate	pDNGW_IPV6
emergencyGMLCPriary	pDNGW_IPV6Type
emergencyNumberTableld	preemptionCapability
emergencyProfileld	preemptionVulnerability
emerQCI	responseTime
esrvcBehavior	verticalAccuracy
esrvcBlackListedUE	verticalRequested
horizontalAccuracy	

Table 198-2 aMBR_DL

Name	Value
Default	4096000
Description	AMBR DownLink bandwidth in bits per second.
Maximum	4294967295
Minimum	0
Type	Long integer

Table 198-3 aMBR_UL

Name	Value
Default	4096000
Description	AMBR UpLink bandwidth in bits per second.
Maximum	4294967295
Minimum	0
Type	Long integer

Table 198-4 aPN_NI

Name	Value
Description	Access Point Name Network Identifier part.
Maximum	100
Minimum	1
Type	String

Table 198-5 emerARP

Name	Value
Default	1
Description	Allocation and Retention Priority for Emergency Service Default Bearers.
Maximum	15
Minimum	1
Type	Integer

Table 198-6 emergencyGMLCAIternate

Name	Value
Default	0
Description	Emergency Gateway Mobile Location Center Alternate is the ID number associated with the IP address of SLG interface "Remote End Point Configuration" prior to entering the ID in this field. This Id must be provisioned on the DiamConnection with SLG interface. This should be different from all other GMLCs in this profile table.
Maximum	65535
Minimum	0
Type	Integer

Table 198-7 emergencyGMLCPrimary

Name	Value
Default	0
Description	Emergency Gateway Mobile Location Center Primary is the ID number associated with the IP address of SLG interface "Remote End Point Configuration" prior to entering the ID in this field. This Id must be provisioned on the DiamConnection with SLG interface. This should be different from all other GMLCs in this profile table.
Maximum	65535
Minimum	0
Type	Integer

Table 198-8 emergencyNumberTableId

Name	Value
Default	0
Description	Emergency Number Table Id from MMEEmergencyNumList.
Maximum	10
Minimum	0
Type	Integer

Table 198-9 emergencyProfileId

Name	Value
Description	Unique ID for this Emergency Profile.
Mandatory on creation	Yes
Maximum	10
Minimum	1
Type	Integer

Table 198-10 emerQCI

Name	Value
Default	5
Description	QoS Class Identifier for Emergency Service Default Bearers.
Maximum	9

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Name	Value
Minimum	5
Type	Integer

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Table 198-11 esrvcBehavior

Name	Value
Default	All_UEs_are_allowed
Description	MME behavior in providing Emergency Bearer support.
Type	ESRVC_BEHAVIOR

Table 198-12 esrvcBlackListedUE

Name	Value
Default	True
Description	Emergency Services shall be provided to a UE with an IMEI that is black listed in the EIR.
Type	Boolean

Table 198-13 horizontalAccuracy

Name	Value
Default	20
Description	Horizontal Accuracy parameter in the Location Request.
Maximum	127
Minimum	0
Type	Integer

Table 198-14 initiateLCSRequest

Name	Value
Default	Do_not_Initiate
Description	Initiate LCS Request indicates whether or not the MME shall initiate a Location Request for the UE.
Type	INITIATELOC

Table 198-15 pDNGW_FQDN

Name	Value
Description	Emergency Packet Data Network Gateway Fully Qualified Domain Name
Maximum	96
Minimum	0
Type	String

Table 198-16 pDNGW_IPV4

Name	Value
Default	0.0.0.0
Description	Emergency Packet Data Network Gateway IP V4 Address
Type	IP address

Table 198-17 pDNGW_IPV4Type

Name	Value
Default	ipv4
Type	InetAddressType

Table 198-18 pDNGW_IPV6

Name	Value
Default	0.0.0.0
Description	Emergency Packet Data Network Gateway IP V6 Address
Type	IP address

Table 198-19 pDNGW_IPV6Type

Name	Value
Default	ipv4
Type	InetAddressType

Table 198-20 **preemptionCapability**

Name	Value
Default	True
Description	Preemption Capability used for Emergency Service Default Bearers.
Type	Boolean

Table 198-21 **preemptionVulnerability**

Name	Value
Default	False
Description	Preemption Vulnerability for Emergency Service Default Bearers.
Type	Boolean

Table 198-22 **responseTime**

Name	Value
Default	Low_Delay
Description	Response Time parameter in the Location Request.
Type	RESPONSETIME

Table 198-23 **verticalAccuracy**

Name	Value
Default	20
Description	Vertical Accuracy parameter in the Location Request.
Maximum	127
Minimum	0
Type	Integer

Table 198-24 **verticalRequested**

Name	Value
Default	Not_Requested
Description	Vertical Requested parameter in the Location Request.
Type	VERTICALREQUESTED

199 –MMEeNB

Table 199-1 regionName

Name	Value
Displayed name	Region Name (General)
Export	No
Type	REGION_TYPE

200 –MMEeNBAs

Table 200-1 MMEeNBAs parameters

Parameters	
macroeNBId	timeZoneName

Table 200-2 macroeNBId

Name	Value
Description	Macro eNB identifier as specified in TS 36.413 v8.6.1
Mandatory on creation	Yes
Maximum	1048575
Minimum	0
Type	Integer

Table 200-3 timeZoneName

Name	Value
Description	Provides time zone names that correspond to the Region selected
Type	TIME_ZONE

201 —MMEESMLCAbs

Table 201-1 MMEESMLCAbs parameters

Parameters	
eSMLCIdentity	eSMLCName

Table 201-2 eSMLCIdentity

Name	Value
Description	Evolved Serving Mobile Location Center Identifier
Displayed name	ESMLC Identifier (General)
Mandatory on creation	Yes
Maximum	255
Minimum	0
Type	Integer

Table 201-3 eSMLCName

Name	Value
Description	Evolved Serving Mobile Location Center Identifier Name
Displayed name	ESMLC Name (General)
Maximum	32

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Name	Value
Minimum	1
Type	String

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202 –MMEGparmsAbs

Table 202-1 MMEGparmsAbs parameters

Parameters	
gParmName	gParmValue

Table 202-2 gParmName

Name	Value
Description	Name of parameter.
Displayed name	Parameter Name (General)
Mandatory on creation	Yes
Type	GPARNAMES

Table 202-3 gParmValue

Name	Value
Default	No default
Description	Value of parameter.
Displayed name	Parameter Value (General)
Type	String

203 –MMEGrpTAI

Table 203-1 id

Name	Value
Default	0
Description	SAM Internal ID that is the result of the Composite Key calculation for that class.
Mandatory on creation	Yes
Maximum	10000
Minimum	1
templatable	No
Type	Long integer

204 –MMEImsiToHssAbs

Table 204-1 MMEImsiToHssAbs parameters

Parameters	
mappingType maxMSIN	minMSIN

Table 204-2 mappingType

Name	Value
Description	Designates whether even IMSI values, odd IMSI values, or a range (minimum/maximum IMSI values) should be used.
Displayed name	Mapping Type (General)
Mandatory on creation	Yes
Type	MME_MAPPING_TYPE

Table 204-3 maxMSIN

Name	Value
Default	000000000
Description	If 'Range' is selected as the Mapping Type, this field is used to enter the maximum IMSI MSIN value. Note: minimum/maximum ranges must be non-overlapping.
Displayed name	Maximum MSIN (General)

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Name	Value
Mandatory on creation	Yes
Maximum	10
Minimum	8
Type	String

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Table 204-4 minMSIN

Name	Value
Default	000000000
Description	If 'Range' is selected as the Mapping Type, this field is used to enter the minimum IMSI MSIN value. Note: minimum/maximum ranges must be non-overlapping.
Displayed name	Minimum MSIN (General)
Mandatory on creation	Yes
Maximum	10
Minimum	8
Type	String

205 —MMELAIAbs

Table 205-1 MMELAIAbs parameters

Parameters	
cSFBSupported	IAC

Table 205-2 cSFBSupported

Name	Value
Default	False
Description	Boolean flag to indication whether or not CSFB is supported for this LAI.
Displayed name	Is CSFB Supported? (General)
Type	Boolean

Table 205-3 IAC

Name	Value
Description	Location Area Code.
Displayed name	Location Area Code (General)
Mandatory on creation	Yes
Maximum	65535

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Name	Value
Minimum	1
Type	Integer

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206 –MMENode

Table 206-1 id

Name	Value
Default	0
Description	SAM Internal ID that is the result of the Composite Key calculation for that class.
Mandatory on creation	Yes
Maximum	10000
Minimum	1
templatable	No
Type	Long integer

207 –MMENodeAbs

Table 207-1 MMENodeAbs parameters

Parameters	
autoAdjustCap capacity homeMME localName	mMEC s10IP s10IPType

Table 207-2 autoAdjustCap

Name	Value
Default	True
Description	Indicates whether or not the MME automatically adjusts the value of the Relative Capacity according to the number of Active MAF blades in the Enabled and Unlocked states. This field can only be provisioned if the Home MME field is checked (true).
Type	Boolean

Table 207-3 capacity

Name	Value
Default	5
Description	Value for the relative MME capacity for use in the eNB MME selection algorithm. This field is only significant if the Auto adjusts Relative Capacity field is unchecked. This field can also only be provisioned if Home MME is checked (true).
Maximum	255
Minimum	1
Type	Integer

Table 207-4 homeMME

Name	Value
Default	False
Description	Designates if this MME is the home MME
Type	Boolean

Table 207-5 localName

Name	Value
Default	No default
Description	A name that identifies this node. When this is the Home MME, this is a required field and it is highly recommended that the Local Name match the Switch Name
Maximum	32
Minimum	0
Type	String

Table 207-6 mMEC

Name	Value
Description	The MME Code (that is, the node ID) of the MME within the group.
Mandatory on creation	Yes
Maximum	255
Minimum	0
Type	Integer

Table 207-7 s10IP

Name	Value
Default	0.0.0.0
Description	S10 IP Address
Type	IP address

Table 207-8 s10IPType

Name	Value
Default	ipv4
Type	InetAddressType

208 –MMEPLMNAbs

Table 208-1 MMEPLMNAbs parameters

Parameters	
acc_Rest_CDMA2000	iSDN_CC
acc_Rest_EUTRAN	mBMS_Enabled
acc_Rest_GERAN	mNCDigits
acc_Rest_UTRAN	networkAccessMode
cS_Cap_Supported	nRILength
cS_PrefRFSP	obtainIMEISV
cS_RFSP	oDB_All_APN
cSFB_DTR	oDB_HPLMN_APN
homePLMN	oDB_VPLMN_APN
iMS_Over_PS	pLMNNetProtocol
iMS_PrefRFSP	rFSP_Index
iMS_RFSP	validateIMEIEIR
initiate_LCS_Emergency	vPLMN_Allowed

Table 208-2 acc_Rest_CDMA2000

Name	Value
Default	False
Description	RAT network types to which handover is not allowed from the current (MME Home) network. If no options are checked (indicating that handover is not allowed), then the inter-RAT handover restrictions received from the HSS/HLR in the UE home network are used
Type	Boolean

Table 208-3 acc_Rest_EUTRAN

Name	Value
Default	False
Description	RAT network types to which handover is not allowed from the current (MME Home) network. If no options are checked (indicating that handover is not allowed), then the inter-RAT handover restrictions received from the HSS/HLR in the UE home network are used
Type	Boolean

Table 208-4 acc_Rest_GERAN

Name	Value
Default	False
Description	RAT network types to which handover is not allowed from the current (MME Home) network. If no options are checked (indicating that handover is not allowed), then the inter-RAT handover restrictions received from the HSS/HLR in the UE home network are used
Type	Boolean

Table 208-5 acc_Rest_UTRAN

Name	Value
Default	False
Description	RAT network types to which handover is not allowed from the current (MME Home) network. If no options are checked (indicating that handover is not allowed), then the inter-RAT handover restrictions received from the HSS/HLR in the UE home network are used
Type	Boolean

Table 208-6 cS_Cap_Supported

Name	Value
Default	CSFB_2G3G
Description	The level of CSFB capability supported for this PLMN
Type	CS_CAP

Table 208-7 cS_PrefRFSP

Name	Value
Default	100
Description	CS Preferred RFSP
Maximum	256
Minimum	0
Type	Integer

Table 208-8 cS_RFSP

Name	Value
Default	100
Description	Indicates whether (zero value) or not (non-zero value) the index value for CS RAT/Frequency Selection Priority (RFSPindex) received from the HSS in the UE home PLMN is to be used. '0' indicates the HSS-provided value should be used. If a non-zero value is provisioned, this numerical value over-rides the value received from the HSS in the Home network of the UE.
Maximum	256
Minimum	0
Type	Integer

Table 208-9 cSFB_DTR

Name	Value
Default	True
Description	Indicates a list of services that UEs can utilize when roaming into the MME Home Network from the given network
Type	Boolean

Table 208-10 homePLMN

Name	Value
Default	False
Description	Indicates whether this PLMN is the home PLMN
Type	Boolean

Table 208-11 iMS_Over_PS

Name	Value
Default	True
Description	Indicates a list of services that UEs can utilize when roaming into the MME Home Network from the given network
Type	Boolean

Table 208-12 iMS_PrefRFSP

Name	Value
Default	100
Description	IMS Preferred RFSP
Maximum	256
Minimum	0
Type	Integer

Table 208-13 iMS_RFSP

Name	Value
Default	100
Description	Indicates whether (zero value) or not (non-zero value) the index value for IMS RAT/Frequency Selection Priority (RFSPindex) received from the HSS in the UE home PLMN is to be used. '0' indicates the HSS-provided value should be used. If a non-zero value is provisioned, this numerical value over-rides the value received from the HSS in the Home network of the UE.
Maximum	256
Minimum	0
Type	Integer

Table 208-14 initiate_LCS_Emergency

Name	Value
Default	False
Description	Indicates whether the MME should initiate a Location Request for a UE sending an Emergency Attach Request or an Emergency PDN Connectivity Request
Type	Boolean

Table 208-15 iSDN_CC

Name	Value
Description	Digits use to represent the ISDN Country Code. Used when validating Zone Codes received from the HSS. Zone Codes include a Country Code identifier
Maximum	3
Minimum	1
Type	String

Table 208-16 mBMS_Enabled

Name	Value
Default	False
Description	Indicates whether Multimedia Broadcast/Multicast Service is enabled
Type	Boolean

Table 208-17 mNCDigits

Name	Value
Default	3Digits
Description	Number of digits used to represent the Mobile Network Code
Type	MNCDigits

Table 208-18 networkAccessMode

Name	Value
Default	Packet_and_Circuit
Description	Determines processing mode for UEs that roam into the MME home network
Type	NETWORK_ACCESS_MODE

Table 208-19 nRILength

Name	Value
Description	The number of bits within a P-TMSI that are used as the Network Resource Identifier.
Maximum	8

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Name	Value
Minimum	0
Type	Integer

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Table 208-20 obtainIMEISV

Name	Value
Default	SMC
Description	Obtain International Mobile Equipment Identifier. Defines whether the MME obtains the IMEI from the UE, or not. If this field is set to "None" then Validate IMEI with EIR must be set to false
Type	OBTAIN_IMEISV

Table 208-21 oDB_All_APN

Name	Value
Default	True
Description	Specifies whether the MME supports receipt of Operator Determined Barring of all Packet Oriented Services (ODB-all-APN) from the HSS. If unchecked (disabled), the MME will not set the corresponding bits in the Supported-Features IE sent to the HSS in the ULR and IDA message, and the HSS must handle Barring locally. If checked, then the MME sets the corresponding bits in the Supported-features IE to inform the HSS that the MME will enforce ODB barring restrictions received in a ULA or IDR message
Type	Boolean

Table 208-22 oDB_HPLMN_APN

Name	Value
Default	True
Description	Specifies whether the MME supports receipt of Operator Determined Barring of all Packet Oriented Services within the UE Home PLMN (ODB-HPLMN-APN) from the HSS. If unchecked (disabled), the MME will not set the corresponding bits in the Supported-Features IE sent to the HSS in the ULR and IDA message, and the HSS must handle Barring locally. If checked, then the MME sets the corresponding bits in the Supported-features IE to inform the HSS that the MME will enforce ODB barring restrictions received in a ULA or IDR message
Type	Boolean

Table 208-23 oDB_VPLMN_APN

Name	Value
Default	True
Description	Specifies whether the MME supports receipt of all Packet Oriented Services in the MME Home PLMN (ODB-VPLMN-APN) from the HSS. If unchecked (disabled), the MME will not set the corresponding bits in the Supported-Features IE sent to the HSS in the ULR and IDA message, and the HSS must handle Barring locally. If checked, then the MME sets the corresponding bits in the Supported-features IE to inform the HSS that the MME will enforce ODB barring restrictions received in a ULA or IDR message
Type	Boolean

Table 208-24 pLMNNetProtocol

Name	Value
Default	GTP
Description	PLMN Inter-Gateway Protocol type used by this MME
Type	NetProtocol_no_BOTH

Table 208-25 rFSP_Index

Name	Value
Default	0
Description	Indicate whether or not the index value for RAT/Frequency Selection Priority received from the HSS in the UE home PLMN should be used
Maximum	256
Minimum	0
Type	Integer

Table 208-26 validateIMEIEIR

Name	Value
Default	False
Description	Indicates whether the MME performs a validation of the IMEI in the EIR. This field can only be set to "checked" if field Obtain IMEISV is different than 'None'
Type	Boolean

Table 208-27 vPLMN_Allowed

Name	Value
Default	True
Description	Indicates whether a UE is allowed to select a PGW in the VPLMN. If checked, the UE is allowed to use a PGW from the UE HPLMN (home-routed) or from the VPLMN (local-breakout). If unchecked, only home-routed scenario is supported and the roaming UE must use the PGW in their home PLMN.
Type	Boolean

209 –MmePool

Table 209-1 MmePool parameters

Parameters	
id	mMEGI

Table 209-2 id

Name	Value
Default	0
Description	SAM internal ID for the Global object representing an MME Pool
Mandatory on creation	Yes
Maximum	1024
Minimum	1
Type	Long integer

Table 209-3 mMEGI

Name	Value
Default	No default
Description	MME Group ID. Must be between 8000 and FFFF respecting the following regexp criteria : [8-9a-fA-F][0-9a-fA-F]{3}
Displayed name	Pool ID (General)

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Name	Value
Mandatory on creation	Yes
Maximum	4
Minimum	4
Type	String

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210 –MmeQosConf

Table 210-1 MmeQosConf parameters

Parameters	
dscpForMme id	vLanPriority

Table 210-2 dscpForMme

Name	Value
Default	AF41
Description	Diffserv Code Point value to be used for MME SCTP traffic.
Displayed name	dscpForMme (General)
Impact	Full reset (class A)
Type	DscpEnum
Unset supported	Yes

Table 210-3 id

Name	Value
Description	MmeQosConf identifier
Displayed name	id (General)
Mandatory on creation	Yes

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Name	Value
Maximum	0
Minimum	0
Type	Integer

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Table 210-4 vLanPriority

Name	Value
Description	VLAN User Priority value to be used at layer 2 for MME SCTP traffic. However, the value of this parameter shall be ignored if VLAN tagging is disabled.
Displayed name	vLanPriority (General)
Impact	Full reset (class A)
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

211 –MMERmtEndPtCfgAbs

Table 211-1 MMERmtEndPtCfgAbs parameters

Parameters	
endPtId	iP_2
interfaceName	iP_2Type
iP_1	port
iP_1Type	shutdownReconnectTimer

Table 211-2 endPtId

Name	Value
Description	Unique numeric ID for this remote end point IP address(es). If the maximum number of HSS and EIRs are provisioned, it is recommended to place the MSC IP id in the higher range of 100-200 to leave enough entries available for HSS and EIR reconfiguration procedures. In particular, when converting HSS / EIR from IPv4 to IPv6, twice the number of S6a and S13 Remote Endpoints may be defined during the conversion, and the Remote Endpoint IP ID (1-100 range) will be filled by the SGa/S13 interfaces, requiring the SGs interfaces to utilize the higher range of 100-200.
Displayed name	IP ID (General)
Mandatory on creation	Yes
Maximum	1024
Minimum	1
Type	Integer

Table 211-3 interfaceName

Name	Value
Description	Type of interfaces.
Displayed name	Interface Type (General)
Type	IntegerERFACENAME

Table 211-4 iP_1

Name	Value
Default	0.0.0.0
Description	First IP address.
Displayed name	Address 1 (General)
Type	IP address

Table 211-5 iP_1Type

Name	Value
Default	ipv4
Type	InetAddressType

Table 211-6 iP_2

Name	Value
Default	0.0.0.0
Description	For future reference, this field is not currently provisionable.
Displayed name	Address 2 (General)
Type	IP address

Table 211-7 iP_2Type

Name	Value
Default	ipv4
Type	InetAddressType

Table 211-8 port

Name	Value
Description	Port number.
Displayed name	Port (General)
Maximum	65535
Minimum	1024
Type	Integer

Table 211-9 shutdownReconnectTimer

Name	Value
Description	Shutdown Reconnect Timer is applicable only for S6A. It must be 0 for other interface types. Shutdown Reconnect Timer is in milliseconds and must be multiples of 100.
Displayed name	Shutdown Reconnect Timer (General)
Maximum	10000
Minimum	0
Type	Integer

212 –MmeSctpLayerConf

Table 212-1 MmeSctpLayerConf parameters

Parameters	
id sctpAccessAssociationMaxRetrans sctpAccessEstablishmentMaxRetries sctpAccessEstablishmentRetryInterval sctpAccessLinkFailureMaxRetries sctpAccessLinkFailureRetryInterval sctpAccessMaxInitRetransmits sctpAccessPathMaxRetrans	sctpAlphaDivisor sctpAssocHeartbeatInterval sctpBetaDivisor sctpRTOInit sctpRTOMax sctpRTOMin sctpSACKTimer

Table 212-2 id

Name	Value
Description	MmeSctpLayerConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 212-3 sctpAccessAssociationMaxRetrans

Name	Value
Default	10
Description	This parameter defines the maximum number of retransmissions of Data and/or Heartbeat messages for an association before the SCTP association declares a path failure.
Displayed name	sctpAccessAssociationMaxRetrans (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 212-4 sctpAccessEstablishmentMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions at SCTP association establishment. The value 255 is interpreted as an infinite number of retries.
Displayed name	sctpAccessEstablishmentMaxRetries (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 212-5 sctpAccessEstablishmentRetryInterval

Name	Value
Description	Defines the interval between retransmissions at SCTP association establishment.
Displayed name	sctpAccessEstablishmentRetryInterval (General)
Impact	Partial reset (class B)
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 212-6 sctpAccessLinkFailureMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions after detection of link failure.
Displayed name	sctpAccessLinkFailureMaxRetries (General)
Impact	Full reset (class A)
Maximum	255
Minimum	0
Type	Integer

Table 212-7 sctpAccessLinkFailureRetryInterval

Name	Value
Description	Defines the interval between retransmissions after detection of link failure.
Displayed name	sctpAccessLinkFailureRetryInterval (General)
Impact	Full reset (class A)
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 212-8 sctpAccessMaxInitRetransmits

Name	Value
Default	8
Description	This parameter defines the maximum number of retransmissions of the INIT message at SCTP association establishment.
Displayed name	sctpAccessMaxInitRetransmits (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 212-9 sctpAccessPathMaxRetrans

Name	Value
Default	5
Description	This parameter defines the maximum number of retransmissions of Data and/or Heartbeat messages on a transmission path before the SCTP association declares a path failure.
Displayed name	sctpAccessPathMaxRetrans (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 212-10 sctpAlphaDivisor

Name	Value
Default	8
Description	This parameter defines the alpha constant in the RTO calculation algorithm.
Displayed name	sctpAlphaDivisor (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	1
Type	Integer

Table 212-11 sctpAssocHeartbeatInterval

Name	Value
Default	30000
Description	Heartbeat Interval timer value for the SCTP entities.
Displayed name	sctpAssocHeartbeatInterval (General)
Impact	Partial reset (class B)
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 212-12 sctpBetaDivisor

Name	Value
Default	4
Description	This parameter defines the beta constant in the RTO calculation algorithm.
Displayed name	sctpBetaDivisor (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	1
Type	Integer

Table 212-13 sctpRTOInit

Name	Value
Default	3000
Description	This parameter defines the Initial value the RTO algorithm uses, for subsequently calculating RTO for transmitted packets.
Displayed name	sctpRTOInit (General)
Impact	Partial reset (class B)
Maximum	10000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 212-14 sctpRTOMax

Name	Value
Default	60000
Description	This parameter defines the maximum time the eNodeB waits for the Acknowledgement to a transmitted Data packet before retransmitting. This is used by the SCTP protocol to bound the RTO calculation.
Displayed name	sctpRTOMax (General)
Impact	Partial reset (class B)
Maximum	60000
Minimum	10
Step	10

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Name	Value
Type	Integer
Units	ms

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Table 212-15 sctpRTOMin

Name	Value
Default	1000
Description	This parameter defines the minimum time the eNodeB waits for the Acknowledgement to a transmitted Data packet before retransmitting. This is used by the SCTP protocol to bound the RTO calculation.
Displayed name	sctpRTOMin (General)
Impact	Partial reset (class B)
Maximum	10000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 212-16 sctpSACKTimer

Name	Value
Default	200
Description	This parameter defines the time the eNodeB waits before sending a SACK having received a data packet. If a 2nd packet is received before this timer expires a SACK is sent immediately. The value '0' is interpreted as eNodeB sends a SACK immediately on reception of a Data packet - no delay.
Displayed name	sctpSACKTimer (General)
Impact	Partial reset (class B)
Maximum	500
Minimum	0
Type	Integer
Units	ms

213 –MMESGWAbs

Table 213-1 MMESGWAbs parameters

Parameters	
netProtocol s11IP	s11IPType sGWName

Table 213-2 netProtocol

Name	Value
Default	GTP
Description	Provisions the MME with the specification with the SGW network protocol.
Displayed name	Inter-Gateway Protocol (General)
Type	NetProtocol

Table 213-3 s11IP

Name	Value
Default	0.0.0.0
Description	Provisions the MME, for each SGW Pool ID, with the S11 IP address of each SGW node that is a member of that SGW Pool.
Displayed name	S11 IP (General)

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Name	Value
Mandatory on creation	Yes
Type	IP address

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Table 213-4 s11IPTType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

Table 213-5 sGWName

Name	Value
Description	Serving Gateway Name
Displayed name	SGW Name (General)
Maximum	64
Minimum	1
Type	String

214 –MMESystemInforAbs

Table 214-1 MMESystemInforAbs parameters

Parameters	
application buildNum maintConditions readOnly	releaseNum switchName timeZone timeZoneOffset

Table 214-2 application

Name	Value
Description	Application Type that is configuread.
Displayed name	Application Type (General)
Type	APPLICATION_TYPE

Table 214-3 buildNum

Name	Value
Description	Build number for the release.
Displayed name	Build Number (General)
Maximum	20

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Name	Value
Minimum	1
Type	String

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Table 214-4 maintConditions

Name	Value
Description	Maint Conditions.
Displayed name	Maint Conditions (General)
Maximum	65535
Minimum	1
Type	Integer

Table 214-5 readOnly

Name	Value
Description	The MME is in read only mode or not.
Displayed name	Read only mode (General)
Type	Boolean

Table 214-6 releaseNum

Name	Value
Description	Software release number.
Displayed name	Release Number (General)
Maximum	20
Minimum	1
Type	String

Table 214-7 switchName

Name	Value
Description	Name for this MME.
Displayed name	MME switch name (General)
Maximum	16

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Name	Value
Minimum	1
Type	String

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Table 214-8 timeZone

Name	Value
Description	Time Zone that this MME is in.
Displayed name	Time Zone (General)
Maximum	16
Minimum	1
Type	String

Table 214-9 timeZoneOffset

Name	Value
Description	Time Zone OffSet.
Displayed name	Time Zone OffSet (General)
Maximum	24
Minimum	1
Type	Integer

215 –MMETAIAbs

Table 215-1 MMETAIAbs parameters

Parameters	
eSMLCIdentity1 eSMLCIdentity2 iMSSupported	selectionAlgorithm tAC

Table 215-2 eSMLCIdentity1

Name	Value
Default	No default
Description	First TAI to E-SMLC (Evolved Serving Mobile Location Center) mapping
Displayed name	ESMLC Identity 1 (General)
Maximum	3
Minimum	0
Type	String

Table 215-3 eSMLCIdentity2

Name	Value
Default	No default
Description	Second TAI to E-SMLC (Evolved Serving Mobile Location Center) mapping

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Name	Value
Displayed name	ESMLC Identity 2 (General)
Maximum	3
Minimum	0
Type	String

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Table 215-4 iMSSupported

Name	Value
Default	False
Description	Indicates if IMS is supported
Displayed name	IMS Supported (General)
Type	Boolean

Table 215-5 selectionAlgorithm

Name	Value
Default	PrimarySecondary
Description	Indicates for the set of ESMLCs, (Evolved Serving Mobile Location Center) whether they will load share or function as primary/secondary.
Displayed name	Selection Algorithm (General)
Type	SELECTALG

Table 215-6 tAC

Name	Value
Description	Tracking Area Code.
Displayed name	Tracking Area Code (General)
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Integer

216 –MMETimerAbs

Table 216-1 MME TimerAbs parameters

Parameters	
timerName timerUnit	timerValue

Table 216-2 timerName

Name	Value
Description	Name of timer.
Displayed name	Timer Name (General)
Mandatory on creation	Yes
Type	TIMERNAME

Table 216-3 timerUnit

Name	Value
Description	Unit of measurement.
Displayed name	Timer Unit (General)
Type	TIMERUNIT

Table 216-4 timerValue

Name	Value
Description	Numeric value of timer.
Displayed name	Timer Value (General)
Maximum	65535
Minimum	0
Type	Integer

217 –MmeTransportLayerAccess

Table 217-1 MmeTransportLayerAccess parameters

Parameters	
id mmeQosConflId mmeSctpLayerConflId sctpAssocLocalPort	sctpAssocRemAddr sctpAssocRemAddrIpv6 sctpAssocRemAddrType sctpAssocRemPort

Table 217-2 id

Name	Value
Description	MmeTransportLayerAccess identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 217-3 mmeQosConflD

Name	Value
Description	ID of the associated MmeQosConf object.
Impact	Partial reset (class B)
Type	String

Table 217-4 mmeSctpLayerConflD

Name	Value
Description	ID of the associated MmeSctpLayerConf object.
Impact	Partial reset (class B)
Mandatory on creation	Yes
Type	String

Table 217-5 sctpAssocLocalPort

Name	Value
Description	Association local port number for this SCTP association. This parameter is redundant when the eNB is the originator of the INIT message (the client). It is used when the eNB is the server, the recipient of the INIT, for SCTP X2 connection.
Displayed name	sctpAssocLocalPort (General)
Impact	Full reset (class A)
Maximum	65000
Minimum	0
Type	Integer

Table 217-6 sctpAssocRemAddr

Name	Value
Description	The remote IP address of the MME for this SCTP association The remote IP address of the MME for this SCTP association
Impact	Partial reset (class B)
Type	List name SctpAssocRemAddrType maps to singular value: IPV4
Unset supported	Yes

Table 217-7 sctpAssocRemAddrIpv6

Name	Value
Description	This parameter is used to specify remote IP address of the MME for this SCTP association. This parameter is used to specify remote IP address of the MME for this SCTP association.
Impact	Partial reset (class B)
Type	List name SctpAssocRemAddrIpv6Type maps to singular value: IPV6
Unset supported	Yes

Table 217-8 sctpAssocRemAddrType

Name	Value
Default	ipv4
Description	The remote IP address of the MME for this SCTP association
Export	No
Type	InetAddressType

Table 217-9 sctpAssocRemPort

Name	Value
Description	Association remote port number on MME/neighbour eNodeB for this SCTP association
Displayed name	sctpAssocRemPort (General)
Impact	Full reset (class A)
Maximum	65000
Minimum	1
Type	Integer

218 –MMEZoneCode

Table 218-1 id

Name	Value
Default	0
Description	SAM Internal ID that is the result of the Composite Key calculation for that class.
Mandatory on creation	Yes
Maximum	1000
Minimum	1
templatable	No
Type	Long integer

219 –MMEZoneCodeAbs

Table 219-1 MMEZoneCodeAbs parameters

Parameters	
tAC zoneCode	zoneCodeType

Table 219-2 tAC

Name	Value
Description	Identifies a tracking area.
Displayed name	Tracking Area Code (General)
Mandatory on creation	Yes
Maximum	65535
Minimum	0
Type	Integer

Table 219-3 zoneCode

Name	Value
Description	Indicates one, of up to 128, unique zone codes.
Displayed name	Zone Code (General)
Mandatory on creation	Yes

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Name	Value
Maximum	127
Minimum	0
Type	Integer

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Table 219-4 zoneCodeType

Name	Value
Description	Indicates whether all TAs, a limited set of TAs or no TAs are assigned to the Zone Code.
Displayed name	Zone Code Type (General)
Mandatory on creation	Yes
Type	ZONE_CODE_TYPE

220 – MobileNodeRegion

Table 220-1 MobileNodeRegion parameters

Parameters	
id isPLMN mcc	mnc regionString

Table 220-2 id

Name	Value
Default	0
Displayed name	ID (General)
Mandatory on creation	Yes
Maximum	1024
Minimum	1
Type	Long integer

Table 220-3 isPLMN

Name	Value
Default	False
Description	Decides whether this MobileNodeRegion is acting as PLMN when set to true. There can only unique combination mcc/mnc for which it will set to true
Displayed name	Used As PLMN (General)
Mandatory on creation	Yes
Type	Boolean

Table 220-4 mcc

Name	Value
Default	0
Description	MCC is the Mobile Country Code. http://en.wikipedia.org/wiki/Mobile_Country_Code
Displayed name	Mobile Country Code (General)
Mandatory on creation	Yes
Type	MobileCountryCode

Table 220-5 mnc

Name	Value
Default	00
Description	MNC is the Mobile Network Code. http://en.wikipedia.org/wiki/Mobile_Network_Code
Displayed name	Mobile Network Code (General)
Mandatory on creation	Yes
Type	String

Table 220-6 regionString

Name	Value
Default	Default
Description	RegionString is a string of up to 10 chars.
Displayed name	Name (General)
Mandatory on creation	Yes
Maximum	10

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Name	Value
Minimum	1
Type	String

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221 – MobileService

Table 221-1 MobileService parameters

Parameters	
description id	serviceName

Table 221-2 description

Name	Value
Displayed name	Description (General)
Maximum	250
Type	String

Table 221-3 id

Name	Value
Default	0
Displayed name	Mobile Service ID (General)
Mandatory on creation	Yes
Maximum	65536
Minimum	1
Type	Long integer

Table 221-4 serviceName

Name	Value
Default	No default
Displayed name	Mobile Service Name (General)
Maximum	64
Type	String

222 – MobileServiceConnector

Table 222-1 MobileServiceConnector parameters

Parameters	
endpointAAddressType endpointAsiteld endpointBAddressType endpointBsiteld	epsPathType id mobSvcId

Table 222-2 endpointAAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 222-3 endpointAsiteld

Name	Value
Default	0.0.0.0
Mandatory on creation	Yes
Type	IP address

Table 222-4 endpointBAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 222-5 endpointBsiteId

Name	Value
Default	0.0.0.0
Mandatory on creation	Yes
Type	IP address

Table 222-6 epsPathType

Name	Value
Default	No default
Displayed name	EPS Path Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

Table 222-7 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	100000000
Minimum	1
Type	Long integer

Table 222-8 mobSvcId

Name	Value
Default	0
Displayed name	Mobile Service ID (General)

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Name	Value
Mandatory on creation	Yes
Maximum	65536
Minimum	0
Type	Long integer

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223 – MobileServiceSite

Table 223-1 MobileServiceSite parameters

Parameters	
epsInstanceType id mobSvcId	siteId siteIdAddressType

Table 223-2 epsInstanceType

Name	Value
Default	None
Displayed name	EPS Instance Type (General)
Mandatory on creation	Yes
Type	EpcTypes

Table 223-3 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	100000000

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Name	Value
Minimum	1
Type	Long integer

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Table 223-4 mobSvcId

Name	Value
Default	0
Displayed name	Mobile Service ID (General)
Mandatory on creation	Yes
Maximum	65536
Minimum	0
Type	Long integer

Table 223-5 siteId

Name	Value
Default	0.0.0.0
Description	Site IP address of the node that is being represented by this Mobile Service Site.
Displayed name	Site ID (General)
Mandatory on creation	Yes
Type	IP address

Table 223-6 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

224 –MobilityPriorityTable

Table 224-1 MobilityPriorityTable parameters

Parameters	
defaultConnectedPriorityOfFreq id	qciHierarchyForMultiQciCallList

Table 224-2 defaultConnectedPriorityOfFreq

Name	Value
Description	This parameter configures the priority (0-lowest and 7-highest) that is used for connected mode, for example, in the eMCTA framework. The parameter is not present for intra-frequency but always present for inter-frequency. Note: It is also possible to discard a RAT-carrier in eMCTA with a priority value that is set to "service-not-allowed-in-RAT-carrier".
Displayed name	defaultConnectedPriorityOfFreq (General)
Impact	No reset (class C)
Type	EMctaConnectedPriorityEnum
Unset supported	Yes

Table 224-3 id

Name	Value
Description	MobilityPriorityTable identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 224-4 qciHierarchyForMultiQciCallList

Name	Value
Description	This parameter used by eMCTA QCI based to manage mobility of multi QCI calls defines a list ordered of 32 QCI (integer [1..255]) in the QCI hierarchy. QCI having the lowest position value in the list (element[0] has the highest priority) is the most important QCI and it will drive mobility.
Impact	No reset (class C)
Type	List name QciHierarchyForMultiQciCallListType maps to: QciEnum
Unset supported	Yes

225 –MSCServerAbs

Table 225-1 MSCServerAbs parameters

Parameters	
mSCSrvID mSCSrvName	sCTP_Profile_Idx

Table 225-2 mSCSrvID

Name	Value
Description	Unique MSC identifier.
Displayed name	MSC ID (General)
Mandatory on creation	Yes
Maximum	128
Minimum	1
Type	Integer

Table 225-3 mSCSrvName

Name	Value
Description	Unique MSC name.
Displayed name	MSC Name (General)
Maximum	64

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Name	Value
Minimum	1
Type	String

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Table 225-4 sCTP_Profile_Idx

Name	Value
Default	0
Description	0 or Valid SCTPProfileID of an SCTPProfile.
Displayed name	SCTP Profile ID (General)
Maximum	65535
Minimum	0
Type	Integer

226 –MSGRetriesAbs

Table 226-1 MSGRetriesAbs parameters

Parameters	
mSGName	mSGNumRetries

Table 226-2 mSGName

Name	Value
Description	NAS Procedure name.
Displayed name	Message Name (General)
Mandatory on creation	Yes
Type	MSGNAME

Table 226-3 mSGNumRetries

Name	Value
Description	Number of retries.
Displayed name	Number of Retransmissions (General)
Maximum	4
Minimum	1
Type	Integer

227 –NaccTimersConf

Table 227-1 NaccTimersConf parameters

Parameters	
id timeToWaitForEnbDirectInfoTransfer tMobilityFromEutraCCO	ts1EnbDirectInfoTransferTrir ts1EnbDirectInfoTransferTrir

Table 227-2 id

Name	Value
Description	NaccTimersConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

Table 227-3 timeToWaitForEnbDirectInfoTransfer

Name	Value
Default	1440
Description	This timer defines the time to wait before the eNodeB retries to retrieve the sys info for a GERAN cell from a target BSC. The eNodeB starts this timer when sys info is no more valid or deleted in the context for this GERAN cell, and when all network conditions are fulfilled so that the eNodeB can request the sys info.
Displayed name	timeToWaitForEnbDirectInfoTransfer (General)
Impact	No reset (class C)
Maximum	1440
Minimum	1
Type	Integer
Units	min
Unset supported	Yes

Table 227-4 tMobilityFromEutraCCO

Name	Value
Default	10000
Description	This eNB internal guard timer is used to monitor UE cell change order to GERAN procedure. The timer is started in the eNB at message RRCMobilityFromEUTRACommand transmission and stopped at receiving UE Release Command from MME. At timer expiry eNB triggers the release of all UE associated resources by sending an S1 UE Context Release Request to the MME.
Displayed name	tMobilityFromEutraCCO (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms

Table 227-5 tS1EnbDirectInfoTransferTrir

Name	Value
Default	3000
Description	This timer defined in 48.018 is used in the eNodeB to control the reception of the response to a previously transmitted RAN-INFORMATION-REQUEST PDU piggybacked in S1 ENB DIRECT INFORMATION TRANSFER. It is started when RAN-INFORMATION-REQUEST PDU piggybacked in S1 ENB DIRECT INFORMATION TRANSFER is sent by eNodeB. It is stopped when RAN-INFORMATION PDU is received on S1 piggybacked in MME DIRECT INFORMATION TRANSFER.

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Name	Value
Displayed name	tS1EnbDirectInfoTransferTrir (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms
Unset supported	Yes

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Table 227-6 ts1EnbDirectInfoTransferTrir

Name	Value
Default	3000
Description	This timer defined in 48.018 is used in the eNodeB to control the reception of the response to a previously transmitted RAN-INFORMATION-REQUEST PDU piggybacked in S1 ENB DIRECT INFORMATION TRANSFER. It is started when RAN-INFORMATION-REQUEST PDU piggybacked in S1 ENB DIRECT INFORMATION TRANSFER is sent by eNodeB. It is stopped when RAN-INFORMATION PDU is received on S1 piggybacked in MME DIRECT INFORMATION TRANSFER.
Displayed name	Ts1EnbDirectInfoTransferTrir (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms

228 –OAMInterface

Table 228-1 OAMInterface parameters

Parameters	
connectionState id ipAddress	nemPassword snmpUdpPort xmsPassword

Table 228-2 connectionState

Name	Value
Default	Not_connected
Description	Represents the connection state of the link between the OMC and the eNodeB.
Displayed name	connectionState (General)
Type	OAMconnectionState

Table 228-3 id

Name	Value
Description	rdn identification is an internal XMS parameter for monitoring of the alignment with NB rdn definition: the component are organized in trees, following the hierarchy model, every node as a relative identifier from his parent called the R.D.N (relative distinguishing name), succession of R.D.N. form a full D.N. (distinguishing name) which identify in a unique way the component or component instance in the model tree or tree instance.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	10000
Minimum	0
Type	Integer

Table 228-4 ipAddress

Name	Value
Description	internal XMS parameter for monitoring of the alignment with NB IP address for SNMP and SSH connection
Displayed name	ipAddress (General)
Maximum	255
Minimum	0
Type	String

Table 228-5 nemPassword

Name	Value
Description	Password used by NEM to communicate with the eNodeB when it is launched in context by XMS. This is an internal XMS parameter.
Displayed name	nemPassword (General)
Maximum	250
Minimum	0
Type	String
Unset supported	Yes

Table 228-6 snmpUdpPort

Name	Value
Default	0
Description	internal XMS parameter for monitoring of the alignment with NB IP Port for SNMP connection
Displayed name	snmpUdpPort (General)
Maximum	10000
Minimum	0
Type	Integer

Table 228-7 xmsPassword

Name	Value
Description	Password used by XMS to communicate with the eNodeB. This is an internal XMS parameter.
Displayed name	xmsPassword (General)
Maximum	250
Minimum	0
Type	String
Unset supported	Yes

229 –OamRoutingInfoTable

Table 229-1 OamRoutingInfoTable parameters

Parameters	
id oamRouteIpAddress oamRouteIpAddressType	oamRouteKey oamRouteSubnetMask oamRouteSubnetMaskType

Table 229-2 id

Name	Value
Description	OamRoutingInfoTable identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	11
Minimum	0
Type	Integer

Table 229-3 oamRouteIpAddress

Name	Value
Default	0.0.0.0
Description	The IP address that is being declared for routing via the 'eNodeBfirstHopRouterOAMIpAddr'. The address is specified using IP@ dot notation. The subnet mask for this address is given by the 'oamRouteSubnetMask' parameter in the same entry in the OamRoutingInfoTable.
Displayed name	OAM Route IP Address (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Type	IP address

Table 229-4 oamRouteIpAddressType

Name	Value
Default	ipv4
Description	The IP address that is being declared for routing via the 'eNodeBfirstHopRouterOAMIpAddr'. The address is specified using IP@ dot notation. The subnet mask for this address is given by the 'oamRouteSubnetMask' parameter in the same entry in the OamRoutingInfoTable.
Mandatory on creation	Yes
Type	InetAddressType

Table 229-5 oamRoutekey

Name	Value
Description	The number of the oam route. Maximum 12 routes can be configured.
Displayed name	OAM Route key (General)
Mandatory on creation	Yes
Maximum	12
Minimum	1
Type	Integer

Table 229-6 oamRouteSubnetMask

Name	Value
Default	0.0.0.0
Description	The subnetmask which applies to the 'oamRouteIpAddress' that appears in the same entry in the OamRoutingInfoTable. The mask is specified using IP@ dot notation.
Displayed name	OAM Route Subnet Mask (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Type	IP address

Table 229-7 oamRouteSubnetMaskType

Name	Value
Default	ipv4
Description	The subnetmask which applies to the 'oamRouteIpAddress' that appears in the same entry in the OamRoutingInfoTable. The mask is specified using IP@ dot notation.
Mandatory on creation	Yes
Type	InetAddressType

230 –OAMSyncControl

Table 230-1 OAMSyncControl parameters

Parameters	
enableAutomaticConfiguration enableAutomaticUpgrade	enableOnlineConfiguration id

Table 230-2 enableAutomaticConfiguration

Name	Value
Default	False
Description	Enable or disable automatic configuration
Displayed name	enableAutomaticConfiguration (General)
Type	Boolean

Table 230-3 enableAutomaticUpgrade

Name	Value
Default	False
Description	Enable or disable automatic upgrade
Displayed name	enableAutomaticUpgrade (General)
Type	Boolean

Table 230-4 enableOnlineConfiguration

Name	Value
Default	True
Description	Let CM changes through online command or not. True: CM changes are sent through online command mechanism (only the delta is sent through NetConf, it is applied in XMS DB only if accepted by eNodeB). False: CM changes are applied in XMS DB only. A manual "reconfigure" operation is necessary to send the full snapshot through NetConf.
Displayed name	enableOnlineConfiguration (General)
Type	Boolean

Table 230-5 id

Name	Value
Description	OAMSyncControl identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

231 –Obs

Table 231-1 Obs parameters

Parameters	
administrativeState id intervalsOfDay pmcGranularityPeriod	scheduleType startTime stopTime

Table 231-2 administrativeState

Name	Value
Default	unlocked
Description	This indicates if PM collector needs to get PM measurement report from eNodeB during each granularity period.
Displayed name	administrativeState (General)
Type	AdministrativeState
Unset supported	Yes

Table 231-3 id

Name	Value
Description	id of the Obs object (dn)
Displayed name	id (General)

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Name	Value
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

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Table 231-4 intervalsOfDay

Name	Value
Description	This is a fixed table for intervals definition of each day. Previous 7 entries should be used for the intervals of Monday to Sunday for weekly. Entry 8 should be used for intervals of daily. The format of each interval should be "HH:MM-HH:MM", and the separator of the intervals should be ",". HH = hour (0-23) MM = minute (0-59) Example: 07:00-09:00,18:00-20:30 means the intervals are 7am to 9am and 6pm to 8:30pm. < /help >
Type	IntervalsOfDayType
Unset supported	Yes

Table 231-5 pmcGranularityPeriod

Name	Value
Default	15minutes
Description	The parameter gives the period with which the eNodeB generates PM files that can be retrieved by PM Server Values are: 5 minutes (0), 15 minutes (1), 30 minutes (2), 60 minutes (3). For Release LA0.x, only the 15 minutes value is supported.
Displayed name	PMC Granularity Period (General)
Type	PmcGranularityPeriod
Unset supported	Yes

Table 231-6 scheduleType

Name	Value
Default	None
Description	This indicates the schedule type of PM measurement job.
Displayed name	scheduleType (General)
Type	ScheduleTypeEnum
Unset supported	Yes

Table 231-7 startTime

Name	Value
Description	The start time for PM collector to retrieve PM measurement report from eNodeB. It should be UTC time, and its format should be YYYYMMDDHHMMSS[+ -]hhmm, YYYYMMDDHHMMSS = year, month, day, hour, minute, second (UTC time); [+ -]hhmm = +/-, hour, minute (timezone)
Displayed name	startTime (General)
Maximum	19
Minimum	19
Type	String
Unset supported	Yes

Table 231-8 stopTime

Name	Value
Description	The stop time for PM collector to retrieve PM measurement report from eNodeB. It should be UTC time, and its format should be YYYYMMDDHHMMSS[+ -]hhmm, YYYYMMDDHHMMSS = year, month, day, hour, minute, second (UTC time); [+ -]hhmm = +/-, hour, minute (timezone)
Displayed name	stopTime (General)
Maximum	19
Minimum	19
Type	String
Unset supported	Yes

232 –OneXRttBandClassConf

Table 232-1 OneXRttBandClassConf parameters

Parameters	
bandClass	id

Table 232-2 bandClass

Name	Value
Default	800MHz_cellular
Description	This parameter is the band class of the underlying CDMA2000 (1xRTT) cell. See 3GPP 36.331.
Displayed name	bandClass (General)
Impact	No reset (class C)
Type	OneXRttBandEnum

Table 232-3 id

Name	Value
Description	OneXRttBandClassConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1

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Name	Value
Minimum	0
Type	Integer

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233 –OneXRttNeighboring

Table 233-1 OneXRttNeighboring parameters

Parameters	
id oneXRttInfoConfigured	tReselectionCdma1xRtt

Table 233-2 id

Name	Value
Description	OneXRttNeighboring identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 233-3 oneXRttInfoConfigured

Name	Value
Default	False
Description	This parameter enables inclusion in SIB8 the 1xRTT info provisioned on the cell. If True, OneXRttNeighboring information will be included in SIB8 in the System Info broadcast for the cell; if False, OneXRttNeighboring information will be excluded from SIB8 in the System Info broadcast. Whether SIB8 includes systemTimeInfo IE depends on the setting of isSynchCdmaSystemTimeAllowed on the eNodeB.
Displayed name	oneXRttInfoConfigured (General)
Impact	No reset (class C)
Type	Boolean

Table 233-4 tReselectionCdma1xRtt

Name	Value
Description	This parameter defines the 1xRTT cell reselection timer value in seconds. It corresponds to t-ReselectionCDMA2000 in cellReselectionParameters1xRTT in 36.331.
Displayed name	tReselectionCdma1xRtt (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer
Units	s

234 –OneXRttNeighboringPerCarrier

Table 234-1 OneXRttNeighboringPerCarrier parameters

Parameters	
frequency id	pnOffsetList

Table 234-2 frequency

Name	Value
Description	This parameter defines the carrier frequency within a CDMA2000 (1xRTT) bandclass and corresponds to arfcn in 3GPP 36.331.
Displayed name	frequency (General)
Impact	No reset (class C)
Maximum	2047
Minimum	0
Type	Integer

Table 234-3 id

Name	Value
Description	OneXRttNeighboringPerCarrier identifier
Displayed name	id (General)

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Name	Value
Mandatory on creation	Yes
Maximum	2
Minimum	0
Type	Integer

(2 of 2)

Table 234-4 pnOffsetList

Name	Value
Description	This parameter defines the list of PN Offsets representing the Physical cell identities in CDMA2000 and corresponds to physCellIdList in 3GPP 36.331. PN Offset is the timing of the CDMA2000 cell short codes relative to system time; the unit is PN offset, which is (CDMA pilot) Pseudo Noise sequence offset in units of 64 PN chips. When included in SIB8, the first 16 members at most are applicable to both Rel-8 and Rel-9 UEs, and the remaining members (if any) are applicable to Rel-9 UEs only. When used in the context of connected UE measurement (not support in LA4.0.1), only the first 32 members at most are included by eNodeB and the remaining 8 (if any) are ignored; see 36.331.
Impact	No reset (class C)
Type	List name PnOffsetListType maps to singular value: INT
Units	PN offset
Unset supported	Yes

235 –OneXRttSpeedDependentConf

Table 235-1 OneXRttSpeedDependentConf parameters

Parameters	
id tReselection1xRttSfHigh	tReselection1xRttSfMedium

Table 235-2 id

Name	Value
Description	OneXRttSpeedDependentConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 235-3 tReselection1xRttSfHigh

Name	Value
Description	This parameter configures the t-Reselection1xRTT-SF included in the IE SystemInformationBlockType8. Parameter "Speed dependent Scaling-Factor for TreselectionHRPD" in TS 36.304. If the field is not present, the UE behavior is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on. See TS36.331.
Displayed name	tReselection1xRttSfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum

Table 235-4 tReselection1xRttSfMedium

Name	Value
Description	This parameter configures the t-Reselection1xRTT-SF included in the IE SystemInformationBlockType8. Parameter "Speed dependent Scaling-Factor for TreselectionHRPD" in TS 36.304. If the field is not present, the UE behavior is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in Medium Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on. See TS36.331.
Displayed name	tReselection1xRttSfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum

236 –OverloadControl

Table 236-1 OverloadControl parameters

Parameters	
id	rrcCnxReestabRejectRateMinor
intraEnbHoReqRejectRateMajor	rrcCnxReqRejectRateMajor
intraEnbHoReqRejectRateMinor	rrcCnxReqRejectRateMinor
majorOutThresholdForPO	rrcCnxReqWaitTimeMajor
majorThresholdForPO	rrcCnxReqWaitTimeMinor
minorOutThresholdForPO	s1HoReqRejectRateMajor
minorThresholdForPO	s1HoReqRejectRateMinor
ovLevelForANRInhibition	s1PagingIgnoreRateMajor
ovLevelForCTInhibition	s1PagingIgnoreRateMinor
ovLevelForDDTInhibition	s1RabModifyReqRejectRateMajor
ovLevelForDTInhibition	s1RabModifyReqRejectRateMinor
ovLevelForPCMDInhibition	s1RabSetupReqRejectRateMajor
ovLevelForS1TraceStartAction	s1RabSetupReqRejectRateMinor
ovLevelForX2ENBConfUpdAction	x2HoReqRejectRateMajor
ovLevelForX2SetupReqAction	x2HoReqRejectRateMinor
rrcCnxReestabRejectRateMajor	

Table 236-2 id

Name	Value
Description	OverloadControl identifier
Displayed name	id (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

Table 236-3 intraEnbHoReqRejectRateMajor

Name	Value
Default	5
Description	This parameter defines the rate R at which intra-eNB handovers are rejected in Major Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	intraEnbHoReqRejectRateMajor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-4 intraEnbHoReqRejectRateMinor

Name	Value
Default	0
Description	This parameter defines the rate R at which intra-eNB handovers are rejected in Minor Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	intraEnbHoReqRejectRateMinor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-5 majorOutThresholdForPO

Name	Value
Default	83
Description	This parameter specifies the processor occupancy (PO) threshold at which the eNB comes out of Major Overload.
Displayed name	majorOutThresholdForPO (General)

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Name	Value
Impact	No reset (class C)
Maximum	100
Minimum	50
Type	Integer
Units	%

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Table 236-6 majorThresholdForPO

Name	Value
Default	88
Description	This parameter specifies the processor occupancy (PO) threshold at which Major Overload is declared.
Displayed name	majorThresholdForPO (General)
Impact	No reset (class C)
Maximum	100
Minimum	50
Type	Integer
Units	%

Table 236-7 minorOutThresholdForPO

Name	Value
Default	70
Description	This parameter specifies the processor occupancy (PO) threshold at which the eNB comes out of Minor Overload.
Displayed name	minorOutThresholdForPO (General)
Impact	No reset (class C)
Maximum	100
Minimum	50
Type	Integer
Units	%

Table 236-8 minorThresholdForPO

Name	Value
Default	75
Description	This parameter specifies the processor occupancy (PO) threshold at which Minor Overload is declared.
Displayed name	minorThresholdForPO (General)
Impact	No reset (class C)
Maximum	100
Minimum	50
Type	Integer
Units	%

Table 236-9 ovLevelForANRInhibition

Name	Value
Default	Major
Description	This parameter specifies the level of overload at which the ANR function will be inhibited.
Displayed name	ovLevelForANRInhibition (General)
Impact	No reset (class C)
Type	OverloadLevelEnum

Table 236-10 ovLevelForCTInhibition

Name	Value
Default	Minor
Description	This parameter specifies the level of overload at which the Management-Based Call Trace function will be inhibited.
Displayed name	ovLevelForCTInhibition (General)
Impact	No reset (class C)
Type	OverloadLevelEnum

Table 236-11 ovLevelForDDTInhibition

Name	Value
Default	Minor
Description	This parameter specifies the level of overload at which the Dynamic Debug Trace function will be inhibited.
Displayed name	ovLevelForDDTInhibition (General)
Impact	No reset (class C)
Type	OverloadLevelEnum

Table 236-12 ovLevelForDTInhibition

Name	Value
Default	Minor
Description	This parameter specifies the level of overload at which the Debug Snapshot function will be inhibited.
Displayed name	ovLevelForDTInhibition (General)
Impact	No reset (class C)
Type	OverloadLevelEnum

Table 236-13 ovLevelForPCMDInhibition

Name	Value
Default	Critical
Description	This parameter specifies the level of overload at which the PCMD function will be inhibited.
Displayed name	ovLevelForPCMDInhibition (General)
Impact	No reset (class C)
Type	OverloadLevelEnum

Table 236-14 ovLevelForS1TraceStartAction

Name	Value
Default	Minor
Description	This parameter specifies the level of overload at which the Signaling-Based Call Trace function will be inhibited.
Displayed name	ovLevelForS1TraceStartAction (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	OverloadLevelEnum

(2 of 2)

Table 236-15 ovLevelForX2ENBConfUpdAction

Name	Value
Default	Critical
Description	This parameter specifies the level of overload at which any incoming X2 eNB Configuration Update messages will be rejected.
Displayed name	ovLevelForX2ENBConfUpdAction (General)
Impact	No reset (class C)
Type	OverloadLevelEnum

Table 236-16 ovLevelForX2SetupReqAction

Name	Value
Default	Critical
Description	This parameter specifies the level of overload at which any incoming X2 Setup Request messages will be rejected.
Displayed name	ovLevelForX2SetupReqAction (General)
Impact	No reset (class C)
Type	OverloadLevelEnum

Table 236-17 rrcCnxReestabRejectRateMajor

Name	Value
Default	5
Description	This parameter defines the rate R at which incoming RRC Connection Reestablishment Requests are rejected in Major Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	rrcCnxReestabRejectRateMajor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-18 rrcCnxReestabRejectRateMinor

Name	Value
Default	0
Description	This parameter defines the rate R at which incoming RRC Connection Reestablishment Requests are rejected in Minor Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	rrcCnxReestabRejectRateMinor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-19 rrcCnxReqRejectRateMajor

Name	Value
Default	3
Description	This parameter defines the rate R at which incoming RRC Connection Requests are rejected in Major Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	rrcCnxReqRejectRateMajor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-20 rrcCnxReqRejectRateMinor

Name	Value
Default	8
Description	This parameter defines the rate R at which incoming RRC Connection Requests are rejected in Minor Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	rrcCnxReqRejectRateMinor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-21 rrcCnxReqWaitTimeMajor

Name	Value
Default	16
Description	This parameter defines the waitTime value to be used when RRC Connection Requests are rejected in Major Overload.
Displayed name	rrcCnxReqWaitTimeMajor (General)
Impact	No reset (class C)
Maximum	16
Minimum	1
Type	Integer
Units	s

Table 236-22 rrcCnxReqWaitTimeMinor

Name	Value
Default	10
Description	This parameter defines the waitTime value to be used when RRC Connection Requests are rejected in Minor Overload.
Displayed name	rrcCnxReqWaitTimeMinor (General)
Impact	No reset (class C)
Maximum	16
Minimum	1
Type	Integer
Units	s

Table 236-23 s1HoReqRejectRateMajor

Name	Value
Default	5
Description	This parameter defines the rate R at which incoming S1 Handover Requests are rejected in Major Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	s1HoReqRejectRateMajor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-24 s1HoReqRejectRateMinor

Name	Value
Default	0
Description	This parameter defines the rate R at which incoming S1 Handover Requests are rejected in Minor Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	s1HoReqRejectRateMinor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-25 s1PagingIgnoreRateMajor

Name	Value
Default	5
Description	This parameter defines the rate R at which incoming S1 Paging Requests are ignored in Major Overload. One out of R is ignored, unless R equals zero in which case none are ignored.
Displayed name	s1PagingIgnoreRateMajor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-26 s1PagingIgnoreRateMinor

Name	Value
Default	10
Description	This parameter defines the rate R at which incoming S1 Paging Requests are ignored in Minor Overload. One out of R is ignored, unless R equals zero in which case none are ignored.
Displayed name	s1PagingIgnoreRateMinor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-27 s1RabModifyReqRejectRateMajor

Name	Value
Default	5
Description	This parameter defines the rate R at which incoming S1 E-RAB Modify Requests are rejected in Major Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	s1RabModifyReqRejectRateMajor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-28 s1RabModifyReqRejectRateMinor

Name	Value
Default	10
Description	This parameter defines the rate R at which incoming S1 E-RAB Modify Requests are rejected in Minor Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	s1RabModifyReqRejectRateMinor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-29 s1RabSetupReqRejectRateMajor

Name	Value
Default	5
Description	This parameter defines the rate R at which incoming S1 E-RAB Setup Requests are rejected in Major Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	s1RabSetupReqRejectRateMajor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-30 s1RabSetupReqRejectRateMinor

Name	Value
Default	10
Description	This parameter defines the rate R at which incoming S1 E-RAB Setup Requests are rejected in Minor Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	s1RabSetupReqRejectRateMinor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-31 x2HoReqRejectRateMajor

Name	Value
Default	5
Description	This parameter defines the rate R at which incoming X2 Handover Requests are rejected in Major Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	x2HoReqRejectRateMajor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

Table 236-32 x2HoReqRejectRateMinor

Name	Value
Default	0
Description	This parameter defines the rate R at which incoming X2 Handover Requests are rejected in Minor Overload. One out of R is rejected, unless R equals zero in which case none are rejected.
Displayed name	x2HoReqRejectRateMinor (General)
Impact	No reset (class C)
Maximum	10
Minimum	0
Type	Integer

237 –PagingPolicy

Table 237-1 id

Name	Value
Default	0
Description	SAM Internal ID that is the result of the Composite Key calculation for that class.
Mandatory on creation	Yes
Maximum	1000
Minimum	1
templatable	No
Type	Long integer

238 –PagingPolicyAbs

Table 238-1 PagingPolicyAbs parameters

Parameters	
attempt extRangeFlag method	pagingType t3413Timer

Table 238-2 attempt

Name	Value
Description	Defines the attempt (1 of 4 possible). Attempt numbers must start at 1 and be consecutive (1st Attempt, 2nd Attempt, and so on)
Displayed name	Attempt (General)
Mandatory on creation	Yes
Type	Attempt

Table 238-3 extRangeFlag

Name	Value
Default	False
Description	Extended Range Flag for a given paging mode

(1 of 2)

Name	Value
Displayed name	Extended Range Flag (General)
Type	Boolean

(2 of 2)

Table 238-4 method

Name	Value
Default	LastSeenTAI
Description	Method that the designated attempt (1 - 4) should use
Displayed name	Method (General)
Type	Method

Table 238-5 pagingType

Name	Value
Description	Defines the type of paging to be done, Basic, SGS_CS, or SGS_PS At least one tuple must exist for each Paging Type
Displayed name	Paging Type (General)
Mandatory on creation	Yes
Type	PagingType

Table 238-6 t3413Timer

Name	Value
Default	6
Description	Defines the value for the T3413 timer used for receiving responses to a paging request. When this timer expires, it triggers the MME to proceed with the next paging attempt as provisioned in the MME PagingPolicy table. This timer value should be set according to the maximum time it takes a UE to respond to a paging message under normal operating conditions
Displayed name	T3413 Timer (General)
Maximum	60
Minimum	1
Type	Integer
Units	seconds

239 –PCMDConfigAbs

Table 239-1 PCMDConfigAbs parameters

Parameters	
enableCMReport pCMDEnable	pCMDJobName

Table 239-2 enableCMReport

Name	Value
Default	True
Description	Defines whether or not eNB per-cell Measurement Reports are included in the PCMD records.
Displayed name	Enable CM Report (General)
Type	Boolean

Table 239-3 pCMDEnable

Name	Value
Default	False
Description	When true (checked), the PCMD job specified in the previous field is enabled. If false (unchecked), the PCMD job is disabled.

(1 of 2)

Name	Value
Displayed name	PCMD Enable (General)
Type	Boolean

(2 of 2)

Table 239-4 pCMDJobName

Name	Value
Description	Unique PCMD job name. Reference PCMD Reference Guide (418-111-009) for details.
Displayed name	PCMD Job Name (General)
Mandatory on creation	Yes
Maximum	64
Minimum	1
Type	String

240 –Pdcpcnf

Table 240-1 Pdcpcnf parameters

Parameters	
<p>dlPdcpcDuplicateAvoidanceEnabled</p> <p>id</p> <p>pdcpDiscardTimer</p> <p>pdcpDLLosslessBufferLife</p> <p>pdcpDLLosslessBufferSize</p> <p>pdcpDLSourceFreshS1BufferSize</p> <p>pdcpDLTargetS1BufferSize</p> <p>pdcpDLX2BufferSize</p>	<p>pdcpFlowControlTimerTp</p> <p>pdcpLosslessBufferCongestionEventTriggerProhibitTimer</p> <p>pdcpPduSnSize</p> <p>pdcpStatusReportEnable</p> <p>pdcpUIDuplicateDetectionWindow</p> <p>pdcpUITargetBufferSize</p> <p>timerPdcpcStatusReportWait</p> <p>timerRlcEndMarker</p>

Table 240-2 dlPdcpcDuplicateAvoidanceEnabled

Name	Value
Default	True
Description	This parameter is to disable/enable the eNodeB DL PDCP duplicate avoidance for OTA transmission, for HO or RRC connection re-establishment. Once enabled, for RLC AM TRBs, PDCP shall hold data until PDCP status report is received.
Displayed name	dlPdcpcDuplicateAvoidanceEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 240-3 id

Name	Value
Description	PdcpcConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	7
Minimum	0
Type	Integer

Table 240-4 pdcpDiscardTimer

Name	Value
Description	This parameter configures UE's PDCP discard timer when setting up DRBs. It is an enumerated value from {50ms, 100ms, 150ms, 300ms, 500ms, 750ms, 1500ms, infinity}. If it is set to "infinity" the UE shall not perform PDCP discard. The value setting (including default) shall be different under different QCI when the parameter is pegged. For GBR QCIs, the default value shall be the corresponding PDB (50ms, 100ms, 150ms, 300ms). For Non-GBR QCIs, the default value can be set as 1500ms.
Displayed name	pdcpDiscardTimer (General)
Impact	No reset (class C)
Type	PdcpDiscardTimerEnum

Table 240-5 pdcpDlLosslessBufferLife

Name	Value
Default	1000
Description	Specifies the maximum time a packet can stay in the DL PDCP lossless buffer (packet life) for Winpath. After this time, the packet will be deleted by Winpath.
Displayed name	pdcpDlLosslessBufferLife (General)
Impact	No reset (class C)
Maximum	15000
Minimum	0
Step	10
Type	Integer
Units	ms

Table 240-6 pdcpDILosslessBufferSize

Name	Value
Default	2048
Description	Specifies the maximum Winpath buffer size in number of packets, for the DL PDCP lossless buffer.
Displayed name	pdcpDILosslessBufferSize (General)
Impact	Full reset (class A)
Maximum	4096
Minimum	0
Type	Integer

Table 240-7 pdcpDISourceFreshS1BufferSize

Name	Value
Default	1000
Description	Specifies the maximum Winpath buffer size in number of packets, for the DL S1 fresh (unnumbered fresh SDUs) buffer in source eNB. Size "0" shall disable the buffer. The value -1 indicates that CallP shall use code 0xFFFF for WP2 API buffer size configuration, making it effectively unlimited.
Displayed name	pdcpDISourceFreshS1BufferSize (General)
Impact	Full reset (class A)
Maximum	65536
Minimum	-1
Type	Integer

Table 240-8 pdcpDITargetS1BufferSize

Name	Value
Default	2000
Description	Specifies the maximum Winpath buffer size in number of packets, for the DL S1 fresh buffer in target eNB. Size "0" shall disable the buffer. The value -1 indicates that CallP shall use code 0xFFFF for WP2 API buffer size configuration, making it effectively unlimited.
Displayed name	pdcpDITargetS1BufferSize (General)
Impact	Full reset (class A)
Maximum	65536
Minimum	-1
Type	Integer

Table 240-9 pdcpDlX2BufferSize

Name	Value
Default	6000
Description	Specifies the maximum Winpath buffer size in number of packets, for the DL X2 reception buffer in target eNB. Size "0" shall disable the buffer. The value -1 indicates that CallP shall use code 0xFFFF for WP2 API buffer size configuration, making it effectively unlimited.
Displayed name	pdcpDlX2BufferSize (General)
Impact	Full reset (class A)
Maximum	65536
Minimum	-1
Type	Integer

Table 240-10 pdcpFlowControlTimerTp

Name	Value
Default	3000
Description	The timer Tp is operated by the PDCP NPU while it is in PDCP PAUSE/STOP states. When the timer expires, the PDCP controller shall trigger a SIP from RLC to force RLC-PDCP flow control.
Displayed name	pdcpFlowControlTimerTp (General)
Impact	No reset (class C)
Maximum	30000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 240-11 pdcpLosslessBufferCongestionEventTriggerProhibitTimer

Name	Value
Default	100
Description	This timer is operated by the PDCP NPU while it is in PDCP Lossless Buffer Congestion state. When the timer is running, the NPU is prohibited to raise the lossless buffer congestion event to the PDCP controller. This parameter applies to AM TRBs only.
Displayed name	pdcpLosslessBufferCongestionEventTriggerProhibitTimer (General)
Impact	No reset (class C)
Maximum	3000
Minimum	1

(1 of 2)

Name	Value
Type	Integer
Units	ms

(2 of 2)

Table 240-12 pdcpPduSnSize

Name	Value
Default	auto
Description	The Uplane PDCP PDU Sequence Number field size (only applicable to RLC UM), either 7bits or 12 bits. Auto means this parameter has no use. CallP shall decide the size based on the RB type. The typical use for "auto" is when VoIP RB is requested (QCI-1), CallP shall configure SN as 7 bits. For other high bitrate UM RBs CallP may configure SN as 12 bits.
Displayed name	pdcpPduSnSize (General)
Impact	No reset (class C)
Type	PdcpcPduSnSizeEnum

Table 240-13 pdcpStatusReportEnable

Name	Value
Default	True
Description	Enables or disables PDCP status report for AM RBs during HO or RRC connection re-establishment. This parameter is used globally for UE and eNB. So the status report is either all enabled or all disabled for both UE and eNB.
Displayed name	pdcpStatusReportEnable (General)
Impact	No reset (class C)
Type	Boolean

Table 240-14 pdcpUIDuplicateDetectionWindow

Name	Value
Default	2048
Description	This constant is used to derive a lower boundary for the target eNB, for radio bearers that are mapped on RLC AM mode. It is used for UL duplicate detection. Any SN falls into this window prior to the next expected SN indicated by the source cell shall be considered as duplicate. The maximum size is 4095 (NOT 4096), i.e., one hyper frame minus one. When the size is 0, the duplicate detection is effectively disabled.
Displayed name	pdcpUIDuplicateDetectionWindow (General)
Impact	No reset (class C)
Maximum	4095

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 240-15 pdcpUITargetBufferSize

Name	Value
Default	1000
Description	Specifies the maximum Winpath buffer size in number of packets, for the UL PDCP buffer in target eNB. Size "0" shall disable the buffer. The value -1 indicates that CallP shall use code 0xFFFF for WP2 API buffer size configuration, making it effectively unlimited.
Displayed name	pdcpUITargetBufferSize (General)
Impact	Full reset (class A)
Maximum	65536
Minimum	-1
Type	Integer

Table 240-16 timerPdcpcStatusReportWait

Name	Value
Default	50
Description	This parameter defines the PDCP waiting timer for UE PDCP status report. This is used by PDCP duplicate avoidance for OTA transmission option.
Displayed name	timerPdcpcStatusReportWait (General)
Impact	No reset (class C)
Maximum	1500
Minimum	1
Type	Integer
Units	ms

Table 240-17 timerRlcEndMarker

Name	Value
Default	15
Description	A per UE timer running in the PDCP layer, waiting for the arrival of the RLC end markers from the RLC layer when HO is triggered.
Displayed name	timerRlcEndMarker (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	100
Minimum	1
Type	Integer
Units	ms

(2 of 2)

241 –PdnApn

Table 241-1 PdnApn parameters

Parameters	
acctType	dhcpProxyV4RouterId
acctUserName	dhcpProxyV6GiAddr
administrativeState	dhcpProxyV6GiAddrType
aggregatedDownlinkRate	dhcpProxyV6RouterId
aggregatedUplinkRate	dhcpRelayV4GiAddr
allowMultiplePdns	dhcpRelayV4RouterId
appAssuranceGrpId	dhcpRelayV6GiAddr
appAssuranceGrpPartId	dhcpRelayV6RouterId
authType	dhcpRlyV4GiAddrType
authUserName	dhcpRlyV6GiAddrType
chargingReject	dnsServerV4Addr
chrgCclgnoreAnyAdministrativeState	dnsServerV4AddrType
chrgCclgnoreHomeAdministrativeState	dnsServerV6Addr
chrgCclgnoreRoamingAdministrativeState	dnsServerV6AddrType
chrgCclgnoreVisitAdministrativeState	ipAllocLocalPool
chrgProfileHomelId	isIPAllocationHssStatic
chrgProfileHomelInherit	pcoDnsV4PriAddr
chrgProfileRoamingId	pcoDnsV4PriAddrType
chrgProfileRoamingInherit	pcoDnsV4SecAddr
chrgProfileVisitingInherit	pcoDnsV4SecAddrType
dhcpProxyV4GiAddr	pcoDnsV6PriAddr
dhcpProxyV4GiAddrType	pcoDnsV6PriAddrType

(1 of 2)

Parameters	
pcoDnsV6SecAddr pcoDnsV6SecAddrType pcoNbnsV4PriAddr pcoNbnsV4PriAddrType pcoNbnsV4SecAddr pcoNbnsV4SecAddrType pcoPcscfV4PriAddr pcoPcscfV4PriAddrType pcoPcscfV6PriAddr pcoPcscfV6PriAddrType	pcrfDynamicPccAdminState restrictionType selectMsProvided selectNwProvided selectSubscribed type typelpv4Supported typelpv4v6Supported typelpv6Supported waitAccounting

(2 of 2)

Table 241-2 acctType

Name	Value
Default	radius
Description	This specifies the accounting type used for accounting purposes.
Displayed name	Type (AAA.General)
Type	ApnAuthTypeEnum

Table 241-3 acctUserName

Name	Value
Default	imsi
Description	This specifies the user name used in requests sent to a AAA server for accounting purposes.
Displayed name	User Name (AAA.General)
Type	ApnAuthUserNameEnum

Table 241-4 administrativeState

Name	Value
Default	outOfService
Displayed name	Administrative State (General)
Type	AdministrativeState

Table 241-5 aggregatedDownlinkRate

Name	Value
Default	0
Displayed name	Aggregated Downlink Rate (General)
Maximum	100000
Minimum	0
Type	Integer
Units	kbps

Table 241-6 aggregatedUplinkRate

Name	Value
Default	0
Displayed name	Aggregated Uplink Rate (General)
Maximum	100000
Minimum	0
Type	Integer
Units	kbps

Table 241-7 allowMultiplePdns

Name	Value
Default	False
Displayed name	Multiple PDNs allowed (General)
Type	Boolean

Table 241-8 appAssuranceGrpId

Name	Value
Default	0
Description	The group number of this group of BSX MDAs at the gateway level
Type	Integer

Table 241-9 appAssuranceGrpPartId

Name	Value
Default	0
Description	The partition index within an AA group at the gateway level.
Type	Integer

Table 241-10 authType

Name	Value
Default	radius
Description	This specifies the authentication type used for authentication from a AAA server.
Displayed name	Type (AAA.General)
Type	ApnAuthTypeEnum

Table 241-11 authUserName

Name	Value
Default	imsi
Description	This specifies the user name used in access requests sent to a AAA server.
Displayed name	User Name (AAA.General)
Type	ApnAuthUserNameEnum

Table 241-12 chargingReject

Name	Value
Default	disabled
Displayed name	Reject Charging (Charging)
Type	AdministrativeStatePlusInherit

Table 241-13 chrgCclgnoreAnyAdministrativeState

Name	Value
Default	disabled
Displayed name	Ignore All (Charging)
Type	AdministrativeStatePlusInherit

Table 241-14 chrgCclgnoreHomeAdministrativeState

Name	Value
Default	disabled
Displayed name	Ignore Home (Charging)
Type	AdministrativeStatePlusInherit

Table 241-15 chrgCclgnoreRoamingAdministrativeState

Name	Value
Default	disabled
Displayed name	Ignore Roaming (Charging)
Type	AdministrativeStatePlusInherit

Table 241-16 chrgCclgnoreVisitAdministrativeState

Name	Value
Default	disabled
Displayed name	Ignore Visiting (Charging)
Type	AdministrativeStatePlusInherit

Table 241-17 chrgProfileHomeId

Name	Value
deprecated	Yes:8.0.R5 - Use chrgProfileHomePointer instead
Type	Integer

Table 241-18 chrgProfileHomeInherit

Name	Value
Default	False
Displayed name	Inherit Home Profile From Gateway (Charging)
Type	Boolean

Table 241-19 chrgProfileRoamingId

Name	Value
deprecated	Yes:8.0.R5 - Use chrgProfileRoamingPointer instead
Type	Integer

Table 241-20 chrgProfileRoamingInherit

Name	Value
Default	False
Displayed name	Inherit Roaming Profile From Gateway (Charging)
Type	Boolean

Table 241-21 chrgProfileVisitingInherit

Name	Value
Default	False
Displayed name	Inherit Visiting Profile From Gateway (Charging)
Type	Boolean

Table 241-22 dhcpProxyV4GiAddr

Name	Value
Default	No default
Type	IP address

Table 241-23 dhcpProxyV4GiAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-24 dhcpProxyV4RouterId

Name	Value
Default	1
Type	Integer

Table 241-25 dhcpProxyV6GiAddr

Name	Value
Default	No default
Type	IP address

Table 241-26 dhcpProxyV6GiAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-27 dhcpProxyV6RouterId

Name	Value
Default	1
Type	Integer

Table 241-28 dhcpRelayV4GiAddr

Name	Value
Default	No default
Type	IP address

Table 241-29 dhcpRelayV4RouterId

Name	Value
Default	1
Type	Integer

Table 241-30 dhcpRelayV6GiAddr

Name	Value
Default	No default
Type	IP address

Table 241-31 dhcpRelayV6RouterId

Name	Value
Default	1
Type	Integer

Table 241-32 dhcpRlyV4GiAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-33 dhcpRlyV6GiAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-34 dnsServerV4Addr

Name	Value
Default	No default
Type	IP address

Table 241-35 dnsServerV4AddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-36 dnsServerV6Addr

Name	Value
Default	No default
Type	IP address

Table 241-37 dnsServerV6AddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-38 ipAllocLocalPool

Name	Value
Default	True
Displayed name	Local Pool (General)
Type	Boolean

Table 241-39 isIPAllocationHssStatic

Name	Value
Default	False
Displayed name	Home Subscriber Server Assigned (General)
Type	Boolean

Table 241-40 pcoDnsV4PriAddr

Name	Value
Default	No default
Displayed name	IPv4 Primary Address (Connectivity)
Type	IP address

Table 241-41 pcoDnsV4PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-42 pcoDnsV4SecAddr

Name	Value
Default	No default
Displayed name	IPv4 Secondary Address (Connectivity)
Type	IP address

Table 241-43 pcoDnsV4SecAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-44 pcoDnsV6PriAddr

Name	Value
Default	No default
Displayed name	IPv6 Primary Address (Connectivity)
Type	IP address

Table 241-45 pcoDnsV6PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-46 pcoDnsV6SecAddr

Name	Value
Default	No default
Displayed name	IPv6 Secondary Address (Connectivity)
Type	IP address

Table 241-47 pcoDnsV6SecAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-48 pcoNbnsV4PriAddr

Name	Value
Default	No default
Displayed name	IPv4 Primary Address (Connectivity)
Type	IP address

Table 241-49 pcoNbnsV4PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-50 pcoNbnsV4SecAddr

Name	Value
Default	No default
Displayed name	IPv4 Secondary Address (Connectivity)
Type	IP address

Table 241-51 pcoNbnsV4SecAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-52 pcoPcscfV4PriAddr

Name	Value
Default	No default
Displayed name	IPv4 Primary Address (Connectivity)
Type	IP address

Table 241-53 pcoPcscfV4PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-54 pcoPcscfV6PriAddr

Name	Value
Default	No default
Displayed name	IPv6 Primary Address (Connectivity)
Type	IP address

Table 241-55 pcoPcscfV6PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 241-56 pcrfDynamicPccAdminState

Name	Value
Default	disabled
Displayed name	PCRF Selection Dynamic PCC (General)
Type	AdministrativeStatePlusInherit

Table 241-57 restrictionType

Name	Value
Default	any
Displayed name	Restriction Type (General)
Type	ApnRestrictionTypeEnum

Table 241-58 selectMsProvided

Name	Value
Default	False
Displayed name	Mobile Station APN Selection Mode (General)
Type	Boolean

Table 241-59 selectNwProvided

Name	Value
Default	False
Displayed name	Network APN Selection Mode (General)
Type	Boolean

Table 241-60 selectSubscribed

Name	Value
Default	True
Displayed name	Subscribed APN Selection Mode (General)
Type	Boolean

Table 241-61 type

Name	Value
Default	real
Displayed name	Type (General)
Type	ApnTypeEnum

Table 241-62 typeIpv4Supported

Name	Value
Default	No default
Displayed name	IPv4 (General)
Type	Boolean

Table 241-63 typeIpv4v6Supported

Name	Value
Default	No default
Displayed name	IP v4/v6 (General)
Type	Boolean

Table 241-64 typeIpv6Supported

Name	Value
Default	No default
Displayed name	IPv6 (General)
Type	Boolean

Table 241-65 waitAccounting

Name	Value
Default	False
Description	This specifies the PGW/GGSN to wait for an accounting response before sending a GPRS Tunneling Protocol (GTP) response. When this value is not specified, the PGW/GGSN shall not wait for a response.
Displayed name	Wait for Accounting Response (AAA.General)
Type	Boolean

242 –PdnGatewayFunction

Table 242-1 PdnGatewayFunction parameters

Parameters	
description id	pgwFunction siteIdAddressType

Table 242-2 description

Name	Value
Description	Complementary information on the the PGW Interface or PGW Application object.
Displayed name	Description (General)
Maximum	80
Minimum	0
Type	String

Table 242-3 id

Name	Value
Default	0
Description	Global ID for the PDNGatewayFunction (applies to both PGW Interfaces and PGW Applications).
Displayed name	ID (General)

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Name	Value
Mandatory on creation	Yes
Maximum	2147483647
Minimum	1
Type	Long integer

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Table 242-4 pgwFunction

Name	Value
Default	unknown
Description	Type of this Function object. It can either be PGW Interface or PGW Application.
Displayed name	PGW Function (General)
Mandatory on creation	Yes
Type	EpcFunction

Table 242-5 sitelIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

243 –PdnGyRatingGroup

Table 243-1 PdnGyRatingGroup parameters

Parameters	
pdnRatingGrpActvtThresold ratingGroupId	siteIdAddressType

Table 243-2 pdnRatingGrpActvtThresold

Name	Value
Displayed name	Activity Threshold (General)
Maximum	100000000
Minimum	1
Type	Long integer

Table 243-3 ratingGroupId

Name	Value
Default	No default
Displayed name	Rating Group ID (General)
Mandatory on creation	Yes
Maximum	100

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Name	Value
Minimum	0
Type	Long integer

(2 of 2)

Table 243-4 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

244 –PdnRadiusPeer

Table 244-1 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	100000000
Minimum	1
Type	Long integer

245 –PdnRadiusReferencePoint

Table 245-1 radiusDisconnect

Name	Value
Default	False
Description	The value of radiusDisconnect specifies whether the support for radius initiated disconnect is enabled or not. When the value of radiusDisconnect is not specified, the PGW/GGSN shall ignore the disconnect messages.
Displayed name	RADIUS Initiated Disconnect (General)
Type	Boolean

246 –PeerListEntry

Table 246-1 PeerListEntry parameters

Parameters	
peerListAddr	peerListAddrType

Table 246-2 peerListAddr

Name	Value
Default	No default
Description	The value of peerListAddr the IP address of the peer list entry.
Mandatory on creation	Yes
Type	IP address

Table 246-3 peerListAddrType

Name	Value
Default	ipv4
Description	The value of peerListAddrType specifies the type of address represented by peerListAddr.
Mandatory on creation	Yes
Type	InetAddressType

247 – PerformanceManagement

Table 247-1 PerformanceManagement parameters

Parameters	
geranOrUtranReported hRPDor1xRTTReported id mobilityFailureReported rFMeasurementReported rrcConnectionReported spare1Reported	spare2Reported specificTDDERABReported specificTDDReported trafficShaping uEContextReported uLNoiseReported

Table 247-2 geranOrUtranReported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to GeranOrUtran is selected to be reported.
Displayed name	geranOrUtranReported (General)
Impact	No reset (class C)
Type	Boolean

Table 247-3 hRPDor1xRTTReported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to hRPDor1xRTT is selected to be reported.
Displayed name	hRPDor1xRTTReported (General)
Impact	No reset (class C)
Type	Boolean

Table 247-4 id

Name	Value
Description	PerformanceManagement identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 247-5 mobilityFailureReported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to MobilityFailure is selected to be reported.
Displayed name	mobilityFailureReported (General)
Impact	No reset (class C)
Type	Boolean

Table 247-6 rFMeasurementReported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to RFMeasurement is selected to be reported.
Displayed name	rFMeasurementReported (General)

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Name	Value
Impact	No reset (class C)
Type	Boolean

(2 of 2)

Table 247-7 rrcConnectionReported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to RrcConnection is selected to be reported.
Displayed name	rrcConnectionReported (General)
Impact	No reset (class C)
Type	Boolean

Table 247-8 spare1Reported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to Spare1 is selected to be reported.
Displayed name	spare1Reported (General)
Impact	No reset (class C)
Type	Boolean

Table 247-9 spare2Reported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to Spare2 is selected to be reported.
Displayed name	spare2Reported (General)
Impact	No reset (class C)
Type	Boolean

Table 247-10 specificTDDERABReported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to SpecificTDDERAB is selected to be reported.
Displayed name	specificTDDERABReported (General)
Impact	No reset (class C)
Type	Boolean

Table 247-11 specificTDDReported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to SpecificTDD is selected to be reported.
Displayed name	specificTDDReported (General)
Impact	No reset (class C)
Type	Boolean

Table 247-12 trafficShaping

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to TrafficShaping is selected to be reported.
Displayed name	trafficShaping (General)
Impact	No reset (class C)
Type	Boolean

Table 247-13 uEContextReported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to UEContext is selected to be reported.
Displayed name	uEContextReported (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	Boolean

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Table 247-14 uLNoiseReported

Name	Value
Default	False
Description	This parameter specifies whether, or not, the group of counters related to ULNoise is selected to be reported.
Displayed name	uLNoiseReported (General)
Impact	No reset (class C)
Type	Boolean

248 –PerOperatorTransportConf

Table 248-1 PerOperatorTransportConf parameters

Parameters	
id	plmnId

Table 248-2 id

Name	Value
Description	PerOperatorTransportConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

Table 248-3 plmnId

Name	Value
Description	This parameter refers to the instance of PlmnIdentity object that defines MCC and MNC of the concerned PLMN.
Impact	Full reset (class A)
Type	String

249 –PlmnIdentity

Table 249-1 PlmnIdentity parameters

Parameters	
arpPriorityEmergency id isPrimary	plmnMobileCountryCode plmnMobileNetworkCode

Table 249-2 arpPriorityEmergency

Name	Value
Default	1
Description	This parameter defines the ARP priority level that is used for E-RABs that provide emergency services. It is PLMN specific.
Displayed name	arpPriorityEmergency (General)
Impact	No reset (class C)
Maximum	15
Minimum	1
Type	Integer

Table 249-3 id

Name	Value
Description	PlmnIdentity identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

Table 249-4 isPrimary

Name	Value
Description	This parameter allows to specify if the matching PLMN is the primary one for the eNB (the one that is part of eNB Global Identity and Cell Global Identity) or is just one of the PLMNs broadcast in the cells of the eNB.
Displayed name	isPrimary (General)
Impact	Full reset (class A)
Type	Boolean

Table 249-5 plmnMobileCountryCode

Name	Value
Description	This parameter identifies the MCC that is broadcast in SIB1 of the cells of the eNodeB.
Displayed name	plmnMobileCountryCode (General)
Impact	Full reset (class A)
Maximum	3
Minimum	3
Type	String

Table 249-6 plmnMobileNetworkCode

Name	Value
Description	This parameter identifies the MNC that is broadcast in SIB1 of the cells of the eNodeB.
Displayed name	plmnMobileNetworkCode (General)
Impact	Full reset (class A)

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Name	Value
Maximum	3
Minimum	2
Type	String

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250 –PlmnListPolicy

Table 250-1 PlmnListPolicy parameters

Parameters	
mcc	mnc

Table 250-2 mcc

Name	Value
auditable	Yes
Description	The value of mcc specifies the Mobile Country Code (MCC) of this Public Land Mobile Network (PLMN).
Displayed name	Mobile Country Code (General)
Mandatory on creation	Yes
Type	MobileCountryCode

Table 250-3 mnc

Name	Value
auditable	Yes
Description	The value of mnc specifies the Mobile Network Code (MNC) of this Public Land Mobile Network (PLMN).
Displayed name	Mobile Network Code (General)

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Name	Value
Mandatory on creation	Yes
Type	String

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251 –PLMNSecurityAbs

Table 251-1 PLMNSecurityAbs parameters

Parameters	
authInteraction gUTIReallocation	procedureName

Table 251-2 authInteraction

Name	Value
Default	20
Description	Indicates the percentage of cases in which an Authentication interaction is performed for the specified procedure.
Displayed name	Authentication Interaction (General)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 251-3 gUTIReallocation

Name	Value
Default	20
Description	Indicates the percentage of cases in which a GUTI (Globally Unique Temporary Identity) Reallocation is performed for the specified procedure.
Displayed name	GUTI Reallocation (General)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 251-4 procedureName

Name	Value
Description	Name of MME procedure.
Displayed name	Procedure Name (General)
Mandatory on creation	Yes
Type	PROCEDURENAME

252 –Pmipv6Profile

Table 252-1 Pmipv6Profile parameters

Parameters	
pmiPv6IpDscp pmiPv6IpTimeToLive pmiPv6KeepAliveInterval pmiPv6KeepAliveRetryCnt	pmiPv6KeepAliveTimeout pmiPv6MessageRetryCnt pmiPv6MessageTimeout

Table 252-2 pmiPv6IpDscp

Name	Value
Default	56
Description	The value of pmiPv6IpDscp specifies the Differentiated Services Code Point (DSCP) value in the IP header for Proxy Mobile IPv6 (PMIPv6) messages sent. This value can be configured to treat a packet as Network Control (NC) packet ahead of Expedited Forwarding (EF) packets.
Displayed name	IP Diff Services Code Point (General)
Maximum	63
Minimum	0
Type	Integer

Table 252-3 pmiPv6IpTimeToLive

Name	Value
Default	255
Description	The value of pmiPv6IpTimeToLive specifies the IP Time-To-Live (TTL) value to be used for Proxy Mobile IPv6 (PMIPv6) messages.
Displayed name	IP Time To Live (General)
Maximum	255
Minimum	0
Type	Integer
Units	s

Table 252-4 pmiPv6KeepAliveInterval

Name	Value
Default	60
Description	The value of pmiPv6KeepAliveInterval specifies the interval between the heartbeat messages
Displayed name	PMIPv6 Keep Alive Interval (General)
Maximum	180
Minimum	0
Type	Integer
Units	s

Table 252-5 pmiPv6KeepAliveRetryCnt

Name	Value
Default	3
Description	The value of pmiPv6KeepAliveRetryCnt specifies the maximum number of times that the Proxy Mobile IPv6 (PMIPv6) signaling component attempts to send a echo-request message for which there is no reply from the remote peer. Once the retry count reaches the specified value, remote peer will be declared as unreachable.
Displayed name	PMIPv6 Keep Alive Retry Count (General)
Maximum	8
Minimum	1
Type	Integer

Table 252-6 pmiPv6KeepAliveTimeout

Name	Value
Default	3
Description	The value of pmiPv6KeepAliveTimeout specifies the time, in seconds, that the Proxy Mobile IPv6 (PMIPv6) signaling component waits for a response from a Mobile Management Entity (MME), and after receiving a response, the number of seconds it waits before sending the next echo-request message.
Displayed name	PMIPv6 Keep Alive Timeout (General)
Maximum	8
Minimum	1
Type	Integer
Units	s

Table 252-7 pmiPv6MessageRetryCnt

Name	Value
Default	3
Description	The value of pmiPv6MessageRetryCnt specifies the number of times the same message is retried before declaring a failed attempt.
Displayed name	Message Retry Count (General)
Maximum	8
Minimum	1
Type	Integer

Table 252-8 pmiPv6MessageTimeout

Name	Value
Default	5
Description	The value of pmiPv6MessageTimeout specifies the time, in seconds, that the Proxy Mobile IPv6 (PMIPv6) signaling component waits for a response from the remote peer before making another transmit request.
Displayed name	Message Timeout (General)
Maximum	30
Minimum	1
Type	Integer
Units	s

253 –PolicyChargingRules

Table 253-1 dscFunction

Name	Value
Default	unknown
Description	Type of this object. It can either be PCRF or DPA.
Mandatory on creation	Yes
Type	EpcFunction

254 –PolicyChargingRulesGroup

Table 254-1 PolicyChargingRulesGroup parameters

Parameters	
cluster	dscFunction

Table 254-2 cluster

Name	Value
Default	0
Description	The name of the cluster.
Displayed name	Cluster (General)
Mandatory on creation	Yes
Maximum	64
Type	String

Table 254-3 dscFunction

Name	Value
Default	unknown
Description	Type of this object. It can either be PCRF or DPA.
Displayed name	Service Type (General)

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Name	Value
Mandatory on creation	Yes
Type	EpcFunction

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255 –Pool

Table 255-1 Pool parameters

Parameters	
description	poolName

Table 255-2 description

Name	Value
Default	No default
Description	Description of the Pool instance. The description field is a SAM only property that serves an operator in allowing him to enter more information or notes about that Pool.
Maximum	252
Type	String

Table 255-3 poolName

Name	Value
Default	No default
Description	String representing the Name of a SAM wide Global Pool instance.
Maximum	32

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Name	Value
Minimum	0
Type	String

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256 –PositioningReferenceSignals

Table 256-1 PositioningReferenceSignals parameters

Parameters	
id prsBandwidth prsNumSubframes	prsPeriodicity prsSubframeOffset

Table 256-2 id

Name	Value
Description	PositioningReferenceSignals identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 256-3 prsBandwidth

Name	Value
Description	This parameter specifies the bandwidth that is used to configure the positioning reference signals on. Enumerated values are specified in number of resource blocks (n6 corresponds to 6 resource blocks, n15 to 15 resource blocks and so on) and define 1.4, 3, 5, 10, 15 and 20 MHz bandwidth.
Displayed name	prsBandwidth (General)
Impact	Partial reset (class B)
Type	PrsBandwidthEnum

Table 256-4 prsNumSubframes

Name	Value
Default	sf1
Description	This parameter specifies the number of consecutive downlink subframes with positioning reference signals.
Displayed name	prsNumSubframes (General)
Impact	Partial reset (class B)
Type	PrsNumSubframesEnum

Table 256-5 prsPeriodicity

Name	Value
Default	320ms
Description	This parameter specifies the periodicity of positioning reference signals, in milliseconds.
Displayed name	prsPeriodicity (General)
Impact	Partial reset (class B)
Type	PrsPeriodicityEnum

Table 256-6 prsSubframeOffset

Name	Value
Default	7
Description	This parameter specifies the position of first subframe with positioning reference signals, in the PRS periodicity duration.
Displayed name	prsSubframeOffset (General)
Impact	Partial reset (class B)

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Name	Value
Maximum	1179
Minimum	0
Type	Integer
Units	ms

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257 –PositioningSystem

Table 257-1 PositioningSystem parameters

Parameters	
bsPositionAltitude bsPositionLatitude bsPositionLongitude	bsPositionSource id positioningSystemAntennaCableDelay

Table 257-2 bsPositionAltitude

Name	Value
Default	0
Description	Altitude of the eNodeB in the WGS84 reference frame. Encoding: < 0: below sea level; = 0: at sea level; > 0: above sea level. The eNodeBs position data shall be regarded as invalid if bsPositionLatitude = 0, bsPositionLongitude = 0 and bsPositionAltitude = 0. This objects value can only be set when bsPositionSource is manuallyEntered.
Displayed name	BS Position Altitude (General)
Maximum	10000
Minimum	-1000
Type	Integer
Units	m

Table 257-3 bsPositionLatitude

Name	Value
Default	0
Description	Latitude of the eNodeB in the WGS84 reference frame. Encoding: < 0: west prime meridian; = 0: at prime meridian; > 0: east of prime meridian. The unit corresponds to a resolution of about 1.85 metres. The eNodeBs position data shall be regarded as invalid if bsPositionLatitude = 0, bsPositionLongitude = 0 and bsPositionAltitude = 0. This objects value can only be set when bsPositionSource is manuallyEntered.
Displayed name	BS Position Latitude (General)
Maximum	5400000
Minimum	-5400000
Type	Integer
Units	0.001 arc minutes

Table 257-4 bsPositionLongitude

Name	Value
Default	0
Description	Longitude of the eNodeB in the WGS84 reference frame. Encoding: < 0: south of the equator; = 0: at the equator; > 0: north of the equator. The unit corresponds to a resolution of about 1.85 metres. The eNodeBs position data shall be regarded as invalid if bsPositionLatitude = 0, bsPositionLongitude = 0 and bsPositionAltitude = 0. This objects value can only be set when bsPositionSource is manuallyEntered.
Displayed name	BS Position Longitude (General)
Maximum	10800000
Minimum	-10800000
Type	Integer
Units	0.001 arc minutes

Table 257-5 bsPositionSource

Name	Value
Default	receiverControlled
Description	Indicates how the data in bsPositionLatitude, bsPositionLongitude and bsPositionAltitude was obtained: receiverControlled (data was obtained from a receiver for a GNSS, Global Navigation Satellite System, such as GPS); manuallyEntered (data was manually entered by the operator). Possible values are: receiverControlled (1), manuallyEntered (2).
Displayed name	BS Position Source (General)
Impact	No reset (class C)
Type	PositionSourceEnum

Table 257-6 id

Name	Value
Description	RDN of the MIB object instance
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	65000
Minimum	0
Type	Integer

Table 257-7 positioningSystemAntennaCableDelay

Name	Value
Default	0
Description	The positioning system (e.g. GPS) antenna cable delay that has to be taken into account depending on the actual length of installed (e.g. GPS) antenna cable. Unit is nsec.
Displayed name	Positioning System Antenna Cable Delay (General)
Impact	Partial reset (class B)
Maximum	100000
Minimum	0
Type	Integer
Units	ns

258 –PowerOffsetConfiguration

Table 258-1 PowerOffsetConfiguration parameters

Parameters	
id	pHICHPowerOffset
paOffsetPdsch	phichResource
paOffsetPMCH	port4PowerOffset
pBCHPowerOffset	port5PowerOffset
pbOffsetPdsch	port7port8PowerOffset
pbOffsetPMCH	primarySyncSignalPowerOffset
pCFICHPowerOffset	referenceSignalPower
pDCCHPowerOffsetSymbol1	referenceSignalPowerMBSFN
pDCCHPowerOffsetSymbol2and3	secondarySyncSignalPowerOffset

Table 258-2 id

Name	Value
Description	PowerOffsetConfiguration identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 258-3 paOffsetPdsch

Name	Value
Description	Parameter: P_A provides information about the exact power setting of the PDSCH transmission. dB-6 corresponds to -6 dB, dB-3 corresponds to -3 dB etc. See TS 36.213,
Displayed name	paOffsetPdsch (General)
Impact	Partial reset (class B)
Type	PaOffsetPdschEnum

Table 258-4 paOffsetPMCH

Name	Value
Default	dB0
Description	This parameter provides information about the exact power setting of the PMCH transmission. dB-6 corresponds to -6 dB, dB-3 corresponds to -3 dB and so on. See 3GPP TS 36.213. This applies to symbols in columns without reference signal. Not used if 16QAM or 64QAM is selected.
Displayed name	paOffsetPMCH (General)
Impact	Partial reset (class B)
Type	PaOffsetPdschEnum

Table 258-5 pBCHPowerOffset

Name	Value
Description	Provides the power offset of the PBCH compared to the Cell Reference Power
Displayed name	pBCHPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

Table 258-6 pbOffsetPdsch

Name	Value
Description	Parameter: P_B offset between Type A and Type B PDSCH resource elements. Reference to a value in TS 36.213, 5.2. The actual value depends of the number of antennas used.
Displayed name	pbOffsetPdsch (General)
Impact	Partial reset (class B)
Maximum	3
Minimum	0
Type	Integer

Table 258-7 pbOffsetPMCH

Name	Value
Default	0
Description	This parameter provides the offset between Type A and Type B PMCH resource elements, assuming type A are symbols in columns without reference
Displayed name	pbOffsetPMCH (General)
Impact	Partial reset (class B)
Type	Integer

Table 258-8 pCFICHPowerOffset

Name	Value
Description	Provides the power offset of the PCFICH compared to the Cell Reference Power
Displayed name	pCFICHPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

Table 258-9 pDCCHPowerOffsetSymbol1

Name	Value
Description	Provides the power offset of the PDCCH RE of the first OFDM symbol compared to the Cell Reference Power
Displayed name	pDCCHPowerOffsetSymbol1 (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

Table 258-10 pDCCHPowerOffsetSymbol2and3

Name	Value
Description	Provides the power offset of the PDCCH RE of the second & third OFDM symbol compared to the Cell Reference Power
Displayed name	pDCCHPowerOffsetSymbol2and3 (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

Table 258-11 pHICHPowerOffset

Name	Value
Description	Parameter: P_A provides information about the exact power setting of the PDSCH transmission. dB-6 corresponds to -6 dB, dB-3 corresponds to -3 dB etc. See TS 36.213, 5.2 [x]
Displayed name	pHICHPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

Table 258-12 phichResource

Name	Value
Description	Ng parameter gives the number of PHICH groups after multiplication by NRBDL/8 (TS 36.211 6.9)
Displayed name	phichResource (General)
Impact	Partial reset (class B)
Type	PhichResourceEnum

Table 258-13 port4PowerOffset

Name	Value
Default	3
Description	This parameter configures the power offset of Port 4 (the total transmit power of all of 2 antennas) to the Cell Reference Power. Power offset for Port 4 is applied for each Reference Signal(RS) and Resource Element(RE) for MBCH. It is used in 2 antenna RRH.
Displayed name	port4PowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

Table 258-14 port5PowerOffset

Name	Value
Default	4.95
Description	This parameter configures the power offset of Port 5 (the total transmit power of all of 8 antennas) to the Cell Reference Power. Power offset for Port 5 is applied for PDSCH in UE-specific beamforming. It is used in 8 antenna RRH.
Displayed name	port5PowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

Table 258-15 port7port8PowerOffset

Name	Value
Description	This parameter configures the power offset of Port 7 and Port 8 (the total transmit power of all of 8 antennas) to the Cell Reference Power. It is applied for PDSCH and UE-specific Reference Signal in UE-specific beam-forming in transmission mode 8.
Displayed name	port7port8PowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

Table 258-16 primarySyncSignalPowerOffset

Name	Value
Description	Provides the power offset of the Primary Synchronization Signal compared to the Cell Reference Power
Displayed name	primarySyncSignalPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

Table 258-17 referenceSignalPower

Name	Value
Description	The Reference Power is the absolute power applied for each RS (Reference Signal) RE (Resource Element). The value in dBm is applicable for a single RE.
Displayed name	referenceSignalPower (General)
Impact	Partial reset (class B)
Maximum	50
Minimum	-60
Type	Integer
Units	dBm

Table 258-18 referenceSignalPowerMBSFN

Name	Value
Default	0
Description	This parameter defines the absolute power applied for each Reference Signal (RS) and Resource Element (RE) in MBSFN symbols. The value in dBm is applicable for a single RE.
Displayed name	referenceSignalPowerMBSFN (General)
Impact	Partial reset (class B)
Type	Integer
Units	dBm

Table 258-19 secondarySyncSignalPowerOffset

Name	Value
Description	Provides the power offset of the Secondary Synchronization Signal compared to the Cell Reference Power
Displayed name	secondarySyncSignalPowerOffset (General)
Impact	Partial reset (class B)
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	Floating point
Units	dB

259 –PsHoToUtraFddTimersConf

Table 259-1 PsHoToUtraFddTimersConf parameters

Parameters	
id tS1RelocOverallForPsHandoverToUtraFdd	tS1RelocPrepForPsHandoverToUtraFdd

Table 259-2 id

Name	Value
Description	RDN of the MIB object instance
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	2
Minimum	0
Type	Integer

Table 259-3 tS1RelocOverallForPsHandoverToUtraFdd

Name	Value
Description	TS36.413: Upon reception of the S1AP HANDOVER COMMAND message (in case of PS handover to UTRA FDD) the source eNB shall start the timer tS1RelocOverall (for PS HO set by tS1RelocOverallForPsHandoverToUtraFdd)
Displayed name	tS1RelocOverallForPsHandoverToUtraFdd (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms

Table 259-4 tS1RelocPrepForPsHandoverToUtraFdd

Name	Value
Description	TS36.413: When the source ENB sends the S1AP HANDOVER REQUIRED message for the PS handover to Utran Fdd, it shall start the timer tS1RelocPrepForPsHandoverToUtraFdd.
Displayed name	tS1RelocPrepForPsHandoverToUtraFdd (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms

260 –PsHoToUtraTimersConf

Table 260-1 PsHoToUtraTimersConf parameters

Parameters	
id tS1RelocOverallForPsHandoverToUtra	tS1RelocPrepForPsHandoverToUtra

Table 260-2 id

Name	Value
Description	RDN of the MIB object instance
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	2
Minimum	0
Type	Integer

Table 260-3 tS1RelocOverallForPsHandoverToUtra

Name	Value
Description	TS36.413: Upon reception of the S1AP HANDOVER COMMAND message (in case of PS handover to UTRA) the source eNB shall start the timer tS1RelocOverall (for PS HO set by tS1RelocOverallForPsHandoverToUtra)
Displayed name	tS1RelocOverallForPsHandoverToUtra (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms

Table 260-4 tS1RelocPrepForPsHandoverToUtra

Name	Value
Description	TS36.413: When the source ENB sends the S1AP HANDOVER REQUIRED message for the PS handover to Utran , it shall start the timer tS1RelocPrepForPsHandoverToUtra.
Displayed name	tS1RelocPrepForPsHandoverToUtra (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms

261 –PTPClientClockSync

Table 261-1 PTPClientClockSync parameters

Parameters	
id	ptpClientConfigParameter28
ptpAlphaFloorValue	ptpClientConfigParameter29
ptpAnnounceDuration	ptpClientConfigParameter3
ptpAnnounceReceiptTimeOut	ptpClientConfigParameter30
ptpClientConfigParameter1	ptpClientConfigParameter31
ptpClientConfigParameter10	ptpClientConfigParameter32
ptpClientConfigParameter11	ptpClientConfigParameter4
ptpClientConfigParameter12	ptpClientConfigParameter5
ptpClientConfigParameter13	ptpClientConfigParameter6
ptpClientConfigParameter14	ptpClientConfigParameter7
ptpClientConfigParameter15	ptpClientConfigParameter8
ptpClientConfigParameter16	ptpClientConfigParameter9
ptpClientConfigParameter17	ptpClientMode
ptpClientConfigParameter18	ptpClientRegToD
ptpClientConfigParameter19	ptpClientType
ptpClientConfigParameter2	ptpNodeBIPAddress
ptpClientConfigParameter20	ptpNodeBIPAddressEnabled
ptpClientConfigParameter21	ptpNodeBIPAddressType
ptpClientConfigParameter22	ptpNodeBSubnetMask
ptpClientConfigParameter23	ptpNodeBSubnetMaskType
ptpClientConfigParameter24	ptpffeAlphaValue
ptpClientConfigParameter25	ptpffeHiThValue
ptpClientConfigParameter26	ptpffeLoThValue
ptpClientConfigParameter27	ptpGvalue

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Parameters	
ptpjeAlphaValue	ptpZarConfigParameter1
ptpJumpFloorValue	ptpZarConfigParameter10
ptpJumpThresholdAltValue	ptpZarConfigParameter11
ptpJumpThresholdValue	ptpZarConfigParameter12
ptpJumpWindowValue	ptpZarConfigParameter13
ptpKiValue	ptpZarConfigParameter14
ptpLogAnnounceInterval	ptpZarConfigParameter15
ptpLogMinDelayReqInterval	ptpZarConfigParameter16
ptpLogMinPdelayReqInterval	ptpZarConfigParameter17
ptpLogSyncInterval	ptpZarConfigParameter18
ptpOscillatorDataSource	ptpZarConfigParameter19
ptpOutOfProfileThresholdValue	ptpZarConfigParameter2
ptpPostTripWindowValue	ptpZarConfigParameter20
ptpPostWarmUp	ptpZarConfigParameter21
ptpPrimaryServerIPAddress	ptpZarConfigParameter22
ptpPrimaryServerIPAddressType	ptpZarConfigParameter23
ptpPrimaryServerMACaddress	ptpZarConfigParameter24
ptpPrimaryServerSubnetMask	ptpZarConfigParameter25
ptpPrimaryServerSubnetMaskType	ptpZarConfigParameter26
ptpSecondaryServerIPAddress	ptpZarConfigParameter27
ptpSecondaryServerIPAddressType	ptpZarConfigParameter28
ptpSecondaryServerMACaddress	ptpZarConfigParameter29
ptpSecondaryServerSubnetMask	ptpZarConfigParameter3
ptpSecondaryServerSubnetMaskType	ptpZarConfigParameter30
ptpSourcePort	ptpZarConfigParameter31
ptpStackMode	ptpZarConfigParameter32
ptpSyncDuration	ptpZarConfigParameter4
ptpTimeSwitchMode	ptpZarConfigParameter5
ptpVarJumpAltFloorValue	ptpZarConfigParameter6
ptpVarOutOfProfileWindowValue	ptpZarConfigParameter7
ptpZarConfigParameter8	ptpZarConfigParameter9

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Table 261-2 id

Name	Value
Description	PTPClientClockSync identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 261-3 ptpAlphaFloorValue

Name	Value
Default	0.0005
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpAlphaFloorValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	Floating point

Table 261-4 ptpAnnounceDuration

Name	Value
Default	300
Description	Defines the length of time in seconds the Announce messages shall be transmitted for in Unicast mode, it is used in the REQUEST_UNICAST_TRANSMISSION message.
Displayed name	ptpAnnounceDuration (General)
Impact	Full reset (class A)
Maximum	2147483647
Minimum	1
Type	Integer
Units	s

Table 261-5 ptpAnnounceReceiptTimeOut

Name	Value
Default	3
Description	Defines the number of AnnounceIntervals that pass without receipt of an Announce message before the event ANNOUNCE_RECEIPT_TIMEOUT_EXPIRES occurs.
Displayed name	ptpAnnounceReceiptTimeOut (General)
Impact	Full reset (class A)
Maximum	255
Minimum	3
Type	Integer

Table 261-6 ptpClientConfigParameter1

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter1 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-7 ptpClientConfigParameter10

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter10 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-8 ptpClientConfigParameter11

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter11 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-9 ptpClientConfigParameter12

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter12 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-10 ptpClientConfigParameter13

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter13 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-11 ptpClientConfigParameter14

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter14 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-12 ptpClientConfigParameter15

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter15 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-13 ptpClientConfigParameter16

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter16 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-14 ptpClientConfigParameter17

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter17 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-15 ptpClientConfigParameter18

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter18 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-16 ptpClientConfigParameter19

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter19 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-17 ptpClientConfigParameter2

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter2 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-18 ptpClientConfigParameter20

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter20 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-19 ptpClientConfigParameter21

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter21 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-20 ptpClientConfigParameter22

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter22 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-21 ptpClientConfigParameter23

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter23 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-22 ptpClientConfigParameter24

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter24 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-23 ptpClientConfigParameter25

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter25 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-24 ptpClientConfigParameter26

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter26 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-25 ptpClientConfigParameter27

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter27 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-26 ptpClientConfigParameter28

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter28 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-27 ptpClientConfigParameter29

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter29 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-28 ptpClientConfigParameter3

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter3 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-29 ptpClientConfigParameter30

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter30 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-30 ptpClientConfigParameter31

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter31 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-31 ptpClientConfigParameter32

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter32 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-32 ptpClientConfigParameter4

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter4 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-33 ptpClientConfigParameter5

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter5 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-34 ptpClientConfigParameter6

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter6 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-35 ptpClientConfigParameter7

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter7 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-36 ptpClientConfigParameter8

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter8 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-37 ptpClientConfigParameter9

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter9 (Client Parameters)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	String
Unset supported	Yes

Table 261-38 ptpClientMode

Name	Value
Default	False
Description	Defines if the 1588 PTP is in Multicast mode. True=Multicast, False=Unicast
Displayed name	ptpClientMode (General)
Impact	Partial reset (class B)
Type	Boolean

Table 261-39 ptpClientRegToD

Name	Value
Description	This parameter defines the Time of Day for the client to register to the server by sending the REQUEST_UNICAST_NEGOTIATION message. By default this message is sent again to refresh the unicast negotiation every 300 seconds. Therefore this Time of Day parameter defines an offset from midnight for the first negotiation in a new day, and then the negotiation repeats at the repeat rate. Range 00:00:00 to 00:05:59.90 hh:mm:ss.ss
Displayed name	ptpClientRegToD (General)
Impact	Full reset (class A)
Maximum	11
Minimum	8
Type	String

Table 261-40 ptpClientType

Name	Value
Default	True
Description	Defines if 1588 client is the Zarlink option. True=Zarlink 1588 client, False=Bell-labs 1588 client
Displayed name	ptpClientType (General)
Impact	Partial reset (class B)
Type	Boolean

Table 261-41 ptpNodeBIPAddress

Name	Value
Default	0.0.0.0
Description	Defines the eNodeB specific endpoint IP address for 1588 PTP traffic if configured.
Displayed name	ptpNodeBIPAddress (General)
Impact	Partial reset (class B)
Type	IP address

Table 261-42 ptpNodeBIPAddressEnabled

Name	Value
Default	False
Description	Defines if eNodeB has a specific IP endpoint address for 1588 PTP traffic. False=no dedicated PTP Ip address, True=Dedicated IP address. In LA2.0, Telecom IP addr is the PTP endpoint.
Displayed name	ptpNodeBIPAddressEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 261-43 ptpNodeBIPAddressType

Name	Value
Default	ipv4
Description	Defines the eNodeB specific endpoint IP address for 1588 PTP traffic if configured.
Export	No
Type	InetAddressType

Table 261-44 ptpNodeBSubnetMask

Name	Value
Default	0.0.0.0
Description	Defines the eNodeB specific endpoint IP subnetmask for 1588 traffic if configured.
Displayed name	ptpNodeBSubnetMask (General)
Impact	Partial reset (class B)
Type	IP address

Table 261-45 ptpNodeBSubnetMaskType

Name	Value
Default	ipv4
Description	Defines the eNodeB specific endpoint IP subnetmask for 1588 traffic if configured.
Export	No
Type	InetAddressType

Table 261-46 ptpffeAlphaValue

Name	Value
Default	0.01
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpffeAlphaValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	Floating point

Table 261-47 ptpffeHiThValue

Name	Value
Default	0.004
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpffeHiThValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	Floating point

Table 261-48 ptpffeLoThValue

Name	Value
Default	0.00004
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpffeLoThValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	1
Minimum	0

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Name	Value
Step	0.0000001
Type	Floating point

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Table 261-49 ptpGvalue

Name	Value
Default	10.0
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpGvalue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	429496
Minimum	0
Step	0.0001
Type	Floating point

Table 261-50 ptpjeAlphaValue

Name	Value
Default	1
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpjeAlphaValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	Floating point

Table 261-51 ptpJumpFloorValue

Name	Value
Default	1000
Description	Internal 1588 PTP Clock recovery parameter. HOWEVER: Note that the value provisioned by the operator, and held within the configuration, is actually 1e+15 times the implied value.

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Name	Value
Displayed name	ptpJumpFloorValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	100000000
Minimum	0
Type	Integer

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Table 261-52 ptpJumpThresholdAltValue

Name	Value
Default	0.00025
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpJumpThresholdAltValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	Floating point

Table 261-53 ptpJumpThresholdValue

Name	Value
Default	100.0
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpJumpThresholdValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	429496
Minimum	0
Step	0.0001
Type	Floating point

Table 261-54 ptpJumpWindowValue

Name	Value
Default	16384
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpJumpWindowValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 261-55 ptpKiValue

Name	Value
Default	0.00003
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpKiValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	Floating point

Table 261-56 ptpLogAnnounceInterval

Name	Value
Default	1
Description	Defines the log to the base 2 of the Announce interval in the PTP profile. The mean time interval between successive messages is defined as the logarithm to base 2 of this time interval measured in seconds on the equipment sending the message. The values shall be integers in the range -128 to 127.
Displayed name	ptpLogAnnounceInterval (General)
Impact	Full reset (class A)
Maximum	127
Minimum	-128
Type	Integer

Table 261-57 ptpLogMinDelayReqInterval

Name	Value
Default	0
Description	Defines the log to the base 2 of the DelayReq interval in the PTP profile. The mean time interval between successive messages is defined as the logarithm to base 2 of this time interval measured in seconds on the equipment sending the message. The values shall be integers in the range -128 to 127.
Displayed name	ptpLogMinDelayReqInterval (General)
Impact	Full reset (class A)
Maximum	127
Minimum	-128
Type	Integer

Table 261-58 ptpLogMinPdelayReqInterval

Name	Value
Default	0
Description	Defines the log to the base 2 of the minimum PdelayReq interval in the PTP profile. The mean time interval between successive messages is defined as the logarithm to base 2 of this time interval measured in seconds on the equipment sending the message. The values shall be integers in the range -128 to 127.
Displayed name	ptpLogMinPdelayReqInterval (General)
Impact	No reset (class C)
Maximum	127
Minimum	-128
Type	Integer

Table 261-59 ptpLogSyncInterval

Name	Value
Default	-6
Description	Defines the log to the base 2 of the Sync interval in the PTP profile. The mean time interval between successive messages is defined as the logarithm to base 2 of this time interval measured in seconds on the equipment sending the message. The values shall be integers in the range -128 to 127.
Displayed name	ptpLogSyncInterval (General)
Impact	Full reset (class A)
Maximum	127
Minimum	-128
Type	Integer

Table 261-60 ptpOscillatorDataSource

Name	Value
Default	False
Description	Defines if the convergence algorithm begins with internal (default) values or NVRAM values NVRAM offers quickest convergence after first operation. True =NVRAM, False =Internal
Displayed name	ptpOscillatorDataSource (General)
Impact	Partial reset (class B)
Type	Boolean

Table 261-61 ptpOutOfProfileThresholdValue

Name	Value
Default	100
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpOutOfProfileThresholdValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	429496
Minimum	0
Step	0.0001
Type	Floating point

Table 261-62 ptpPostTripWindowValue

Name	Value
Default	1280
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpPostTripWindowValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 261-63 ptpPostWarmUp

Name	Value
Default	25600
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpPostWarmUp (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 261-64 ptpPrimaryServerIPAddress

Name	Value
Default	0.0.0.0
Description	Defines the IP address of the Primary 1588 PTP server.
Displayed name	ptpPrimaryServerIPAddress (General)
Impact	Full reset (class A)
Type	IP address

Table 261-65 ptpPrimaryServerIPAddressType

Name	Value
Default	ipv4
Description	Defines the IP address of the Primary 1588 PTP server.
Export	No
Type	InetAddressType

Table 261-66 ptpPrimaryServerMACAddress

Name	Value
Description	Defines the MAC address of the Primary 1588 server. This is used for Layer2 architectures as the destination address in Ethernet header, and for PTP over Ethernet mode.
Displayed name	ptpPrimaryServerMACAddress (General)
Impact	Partial reset (class B)

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Name	Value
Maximum	23
Minimum	15
Type	String

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Table 261-67 ptpPrimaryServerSubnetMask

Name	Value
Default	0.0.0.0
Description	Defines the IP Subnetmask of the Primary 1588 PTP server.
Displayed name	ptpPrimaryServerSubnetMask (General)
Impact	Partial reset (class B)
Type	IP address

Table 261-68 ptpPrimaryServerSubnetMaskType

Name	Value
Default	ipv4
Description	Defines the IP Subnetmask of the Primary 1588 PTP server.
Export	No
Type	InetAddressType

Table 261-69 ptpSecondaryServerIPAddress

Name	Value
Default	0.0.0.0
Description	Defines the IP address of the Secondary 1588 PTP server. If there is no Secondary 1588 PTP server then this value shall be set to 0.0.0.0.
Displayed name	ptpSecondaryServerIPAddress (General)
Impact	Full reset (class A)
Type	IP address

Table 261-70 ptpSecondaryServerIPAddressType

Name	Value
Default	ipv4
Description	Defines the IP address of the Secondary 1588 PTP server. If there is no Secondary 1588 PTP server then this value shall be set to 0.0.0.0.
Export	No
Type	InetAddressType

Table 261-71 ptpSecondaryServerMACAddress

Name	Value
Description	Defines the MAC address of the Secondary 1588 server. This is used for Layer2 architectures as the destination address in Ethernet header, and for PTP over Ethernet mode.
Displayed name	ptpSecondaryServerMACAddress (General)
Impact	Partial reset (class B)
Maximum	23
Minimum	15
Type	String

Table 261-72 ptpSecondaryServerSubnetMask

Name	Value
Default	0.0.0.0
Description	Defines the IP Subnetmask of the Secondary 1588 PTP server.
Displayed name	ptpSecondaryServerSubnetMask (General)
Impact	Partial reset (class B)
Type	IP address

Table 261-73 ptpSecondaryServerSubnetMaskType

Name	Value
Default	ipv4
Description	Defines the IP Subnetmask of the Secondary 1588 PTP server.
Export	No
Type	InetAddressType

Table 261-74 ptpSourcePort

Name	Value
Default	True
Description	Defines if MDA portA is to be used for 1588 PTP message transfer. True=portA, False=portB on MDA.
Displayed name	ptpSourcePort (General)
Impact	Partial reset (class B)
Type	Boolean

Table 261-75 ptpStackMode

Name	Value
Description	Defines if the PTP stack is operating over IP - PTP/UDP/IP/Eth, or directly over Ethernet - PTP/Eth. PTP/UDP/IP/Eth
Displayed name	ptpStackMode (General)
Impact	Partial reset (class B)
Maximum	32
Minimum	1
Type	String

Table 261-76 ptpSyncDuration

Name	Value
Default	300
Description	Defines the length of time in seconds the Sync messages shall be transmitted for in Unicast mode, it is used in the REQUEST_UNICAST_TRANSMISSION message.
Displayed name	ptpSyncDuration (General)
Impact	Full reset (class A)
Maximum	2147483647
Minimum	1
Type	Integer
Units	s

Table 261-77 ptpTimeSwitchMode

Name	Value
Default	False
Description	Defines if the eNodeB 1588 client uses Best Master Clock algorithm to choose best clock between 2 Grandmasters, or if the primary/secondary are configured. True=BMC active, False=BMC NOT active
Displayed name	ptpTimeSwitchMode (General)
Impact	Partial reset (class B)
Type	Boolean

Table 261-78 ptpVarJumpAltFloorValue

Name	Value
Default	100
Description	Internal 1588 PTP Clock recovery parameter. HOWEVER: Note that the value provisioned by the operator, and held within the configuration, is actually 1e+12 times the implied value.
Displayed name	ptpVarJumpAltFloorValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	100000
Minimum	0
Type	Integer

Table 261-79 ptpVarOutOfProfileWindowValue

Name	Value
Default	512
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpVarOutOfProfileWindowValue (General)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 261-80 ptpZarConfigParameter1

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter1 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-81 ptpZarConfigParameter10

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter10 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-82 ptpZarConfigParameter11

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter11 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-83 ptpZarConfigParameter12

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter12 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-84 ptpZarConfigParameter13

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter13 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-85 ptpZarConfigParameter14

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter14 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-86 ptpZarConfigParameter15

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter15 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-87 ptpZarConfigParameter16

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter16 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-88 ptpZarConfigParameter17

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter17 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-89 ptpZarConfigParameter18

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter18 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-90 ptpZarConfigParameter19

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter19 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-91 ptpZarConfigParameter2

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter2 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-92 ptpZarConfigParameter20

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter20 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-93 ptpZarConfigParameter21

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter21 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-94 ptpZarConfigParameter22

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter22 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-95 ptpZarConfigParameter23

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter23 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-96 ptpZarConfigParameter24

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter24 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-97 ptpZarConfigParameter25

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter25 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-98 ptpZarConfigParameter26

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter26 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-99 ptpZarConfigParameter27

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter27 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-100 ptpZarConfigParameter28

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter28 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-101 ptpZarConfigParameter29

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter29 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-102 ptpZarConfigParameter3

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter3 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-103 ptpZarConfigParameter30

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter30 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-104 ptpZarConfigParameter31

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter31 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-105 ptpZarConfigParameter32

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter32 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-106 ptpZarConfigParameter4

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter4 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-107 ptpZarConfigParameter5

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter5 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-108 ptpZarConfigParameter6

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter6 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-109 ptpZarConfigParameter7

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter7 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-110 ptpZarConfigParameter8

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter8 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

Table 261-111 ptpZarConfigParameter9

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter9 (Zarlink Parameters)
Impact	Full reset (class A)
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

262 –QciPolicyEntry

Table 262-1 QciPolicyEntry parameters

Parameters	
arpValue dscpln dscpOut dscpPreserve	fcName qciProfile qciValue

Table 262-2 arpValue

Name	Value
Default	0
Description	The value of arpValue specifies the ARP value.
Displayed name	ARP Value (General)
Maximum	15
Minimum	1
Type	Integer

Table 262-3 dscpln

Name	Value
Default	None
Description	The value of dscp specifies the Differentiated Services Code Point (DSCP) to be used while marking the in-profile packets.
Displayed name	DSCP for In Profile Packets (General)
Type	LteDscpName

Table 262-4 dscpOut

Name	Value
Default	None
Description	The value of dscpOut specifies the Differentiated Services Code Point (DSCP) to be used while marking the out-profile packets.
Displayed name	DSCP for Out Profile Packets (General)
Type	LteDscpName

Table 262-5 dscpPreserve

Name	Value
Default	True
Description	If the value of this object is set to 'enabled', the DSCP bits are preserved. If the value of this object is set to 'disabled', the DSCP value is specified to dscp and dscpOut.
Displayed name	DSCP Preserve (General)
Type	Boolean

Table 262-6 fcName

Name	Value
Default	None
Description	The value of fcName specifies the the Forwarding Class (FC) name. {be l2 af l1 h2 ef h1 nc}
Displayed name	Forwarding Class Name (General)
Type	LteFcName

Table 262-7 qciProfile

Name	Value
Default	None
Description	Specifies the QCI profile to be assigned to the packet.
Displayed name	Profile (General)
Type	LteQciProfile

Table 262-8 qciValue

Name	Value
Default	0
Description	The value of qciValue specifies the QCI value.
Displayed name	QCI Value (General)
Maximum	9
Minimum	1
Type	Integer

263 –QciPriorityConf

Table 263-1 QciPriorityConf parameters

Parameters	
eMctaPriority id	qci

Table 263-2 eMctaPriority

Name	Value
Description	This parameter configures the eMCTA priority: the QCI-table that provides one priority per QCI value and RAT/Carrier is used in the Service Segmentation Policy and the QCI-table per (RAT; carrier). Notes: [1] This priority is used (0-lowest and 7-highest) and is granted to the QCI value. [2] It is also possible to discard a RAT-carrier in eMCTA with a priority value that is set to "serviceOrQci-not-allowed-in-RAT-carrier".
Displayed name	eMctaPriority (General)
Impact	No reset (class C)
Type	EMctaConnectedPriorityEnum

Table 263-3 id

Name	Value
Description	QciPriorityConf identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

(2 of 2)

Table 263-4 qci

Name	Value
Description	This parameter defines the S1 Bearer Level QoS Parameters QCI value.
Displayed name	qci (General)
Impact	No reset (class C)
Type	QciEnum
Unset supported	Yes

264 –QciToDscpMappingS1

Table 264-1 QciToDscpMappingS1 parameters

Parameters	
dscp id	qci

Table 264-2 dscp

Name	Value
Description	This parameter is an element of the QciToDscpMappingS1 tuple. The parameter identifies the Diffserv Code Point value to be used for S1-U transport for a service bearer whose QoS class (QCI) matches the "qci" element of the tuple.
Displayed name	dscp (General)
Impact	No reset (class C)
Type	DscpEnum

Table 264-3 id

Name	Value
Description	QciToDscpMappingS1 identifier
Displayed name	id (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	31
Minimum	0
Type	Integer

(2 of 2)

Table 264-4 qci

Name	Value
Description	This parameter is an element of the QciToDscpMappingS1 tuple. The parameter identifies the QoS class (QCI) which is mapped by the tuple to the associated Diffserv Code Point (DSCP) value. See TS 23.203.
Displayed name	qci (General)
Impact	No reset (class C)
Type	QciEnum

265 –QciToDscpMappingX2

Table 265-1 QciToDscpMappingX2 parameters

Parameters	
dscp id	qci

Table 265-2 dscp

Name	Value
Description	This parameter is an element of the QciToDscpMappingX2 tuple. The parameter identifies the Diffserv Code Point value to be used for X2-U transport for a service bearer whose QoS class (QCI) matches the "qci" element of the tuple.
Displayed name	dscp (General)
Impact	No reset (class C)
Type	DscpEnum

Table 265-3 id

Name	Value
Description	QciToDscpMappingX2 identifier
Displayed name	id (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	31
Minimum	0
Type	Integer

(2 of 2)

Table 265-4 qci

Name	Value
Description	This parameter is an element of the QciToDscpMappingX2 tuple. The parameter identifies the QoS class (QCI) which is mapped by the tuple to the associated Diffserv Code Point (DSCP) value. See TS 23.203.
Displayed name	qci (General)
Impact	No reset (class C)
Type	QciEnum

266 –QoSMap2G3GAbs

Table 266-1 QoSMap2G3GAbs parameters

Parameters	
deliverErrSdu deliveryOrder maxSduSize	resBer trafficClass

Table 266-2 deliverErrSdu

Name	Value
Default	–
Description	Delivery of erroneous SDUs.
Displayed name	Delivery of Error SDU (General)
Type	DELIVERERRSDU

Table 266-3 deliveryOrder

Name	Value
Default	False
Description	Delivery Order.
Displayed name	Delivery Order (General)
Type	Boolean

Table 266-4 maxSduSize

Name	Value
Default	1500
Description	Maximum SDU Size.
Displayed name	Maximum SDU Size (General)
Maximum	1502
Minimum	10
Type	Integer

Table 266-5 resBer

Name	Value
Default	10__5
Description	Residual Bit Error Ratio.
Displayed name	Residual Bit Error Ratio (General)
Type	RESBER

Table 266-6 trafficClass

Name	Value
Description	QoS Traffic Class.
Displayed name	Traffic Class (General)
Mandatory on creation	Yes
Type	TRAFFICCLASS

267 –QueueAndSchedulerConf

Table 267-1 QueueAndSchedulerConf parameters

Parameters	
id maxDropProbability queueDiscardPolicy queueMaxThreshold queueMinThreshold	queuePriority queueSchedulerMode queueSize slaConfId

Table 267-2 id

Name	Value
Description	QueueAndSchedulerConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 267-3 maxDropProbability

Name	Value
Default	100
Description	This parameter configures the maximum packet drop probability of WRED when the queue maximum threshold is reached.
Displayed name	maxDropProbability (General)
Impact	No reset (class C)
Maximum	100
Minimum	1
Type	Integer
Units	%

Table 267-4 queueDiscardPolicy

Name	Value
Default	TailDrop
Description	This parameter configures the congestion management mechanism (WRED or TailDrop). Recommendations: . For Real Time traffic : the TailDrop congestion management mechanism is recommended . For Non Real Time traffic and data traffic: the WRED setting is recommended.
Displayed name	queueDiscardPolicy (General)
Impact	Partial reset (class B)
Type	DiscardPolicyEnum

Table 267-5 queueMaxThreshold

Name	Value
Default	90
Description	This parameter configures the maximum queue filling threshold. All packets are discarded when the threshold is reached. It is used for WRED congestion management mechanism only.
Displayed name	queueMaxThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	1
Type	Integer
Units	%

Table 267-6 queueMinThreshold

Name	Value
Default	70
Description	This parameter configures the minimum queue filling threshold. When the threshold is reached the WRED shall start random discard of packets. It is used for WRED congestion management mechanism only.
Displayed name	queueMinThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	1
Type	Integer
Units	%

Table 267-7 queuePriority

Name	Value
Description	This parameter provides the priority order for which the queue will be served. At this release there are up to 16 priorities defined.
Displayed name	queuePriority (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 267-8 queueSchedulerMode

Name	Value
Default	StrictPriority
Description	This parameter configures the scheduler algorithm (Strict Priority) for the queue.
Displayed name	queueSchedulerMode (General)
Impact	Partial reset (class B)
Type	SchedulerModeEnum

Table 267-9 queueSize

Name	Value
Default	100
Description	This parameter configures the size of the queue, in terms of packets. The optimum setting should be based upon the flows characteristics.
Displayed name	queueSize (General)
Impact	No reset (class C)
Maximum	10000
Minimum	100
Type	Integer
Units	frames

Table 267-10 slaConfId

Name	Value
Description	This parameter provides the instance number of the associated SlaConf object.
Impact	Partial reset (class B)
Type	String

268 –RadioBearerConf

Table 268-1 RadioBearerConf parameters

Parameters	
bucketSizeDuration	pdcpDlTargetDataForwardingBufferCoefficients
dataForwardingEnabled	pdcpDlTargetS1BufferCoefficients
dataForwardingForPsHoToUtraFddEnabled	pdcpLosslessBufferHigherThreshold
dataForwardingForPsHoToUtraTddEnabled	pdcpLosslessBufferLowerThreshold
dataForwardingForS1HoEnabled	pdcpUlTargetS1BufferCoefficients
dataForwardingForX2HoEnabled	psHoToUtraFddEnabled
eNBdlLogicalChannelConfId	psHoToUtraTddEnabled
eNBdlMacConfId	rlcDiscardTimerEnb
eNBdlPdcpcConfId	rlcPdcpcFlowControlEnabled
eNBdlRlcConfId	rlcSduBufferCoefficients
eNBulLogicalChannelConfId	rlcSduBufferHigherThreshold
eNBulMacConfId	rlcSduBufferLowerThreshold
eNBulPdcpcConfId	rohMaxCid
eNBulRlcConfId	rohProfiles
id	uEdlLogicalChannelConfId
isLabelSupported	uEdlMacConfId
labelID	uEdlPdcpcConfId
logicalChannelGroupUL	uEdlRlcConfId
logicalChannelPrioritizedBitRate	uEulLogicalChannelConfId
logicalChannelPriority	uEulMacConfId
pdcpDlLosslessBufferCoefficients	uEulPdcpcConfId
pdcpDlSourceS1BufferCoefficients	uEulRlcConfId

Table 268-2 bucketSizeDuration

Name	Value
Description	This parameter describes the bucket size duration used for logical channel prioritization purposes, as per 36.321. One value is signaled per logical channel
Displayed name	bucketSizeDuration (General)
Impact	No reset (class C)
Type	BucketSizeDurationEnum
Units	ms

Table 268-3 dataForwardingEnabled

Name	Value
Description	This flag enables or not the data forwarding for this Radio Bearer
Impact	Full reset (class A)
Type	Boolean

Table 268-4 dataForwardingForPsHoToUtraFddEnabled

Name	Value
Description	This flag enables or not the DL data forwarding for this Radio Bearer in case of PS HO to UTRAN FDD. If set to true on source eNB, DL data forwarding will be performed. If set to False on source eNB, there will be no DL data forwarding for this Radio Bearer.
Displayed name	dataForwardingForPsHoToUtraFddEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 268-5 dataForwardingForPsHoToUtraTddEnabled

Name	Value
Description	This flag enables or not the DL data forwarding for this Radio Bearer in case of PS HO to UTRA-TDD. If set to true on source eNB, DL data forwarding will be performed. If set to False on source eNB, there will be no DL data forwarding.
Impact	No reset (class C)
Type	Boolean

Table 268-6 dataForwardingForS1HoEnabled

Name	Value
Description	This flag enables or not the data forwarding for this Radio Bearer in case of S1 HO. If set to true on both source and target eNB, data forwarding will be performed. If set to False on either source or target eNB, there will be no data forwarding.
Displayed name	dataForwardingForS1HoEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 268-7 dataForwardingForX2HoEnabled

Name	Value
Description	This flag enables or not the data forwarding for this Radio Bearer in case of X2 HO.
Displayed name	dataForwardingForX2HoEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 268-8 eNBDLLogicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for eNB DL configuration
Impact	Full reset (class A)
Type	String

Table 268-9 eNBDMacConfId

Name	Value
Description	This parameter indicates the instance of the MO MacConf used for eNB DL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-10 eNBdIPdcpcConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpcConf used for eNB DL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-11 eNBdIRlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for eNB DL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-12 eNBUILogicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for eNB UL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-13 eNBUIMacConfId

Name	Value
Description	This parameter indicates the instance of the MO MacConf used for eNB UL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-14 eNBUIPdcpcConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpcConf used for eNB UL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-15 eNBUIRlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for eNB UL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-16 id

Name	Value
Description	RadioBearerConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	15
Minimum	0
Type	Integer

Table 268-17 isLabelSupported

Name	Value
Description	This parameter determines if the label referred by this occurrence of label[] is not supported, fully supported or partially supported. A partially supported label is referring to a fallback label
Displayed name	isLabelSupported (General)
Impact	No reset (class C)
Type	IsLabelSupportedEnum

Table 268-18 labelID

Name	Value
Description	This parameter identifies the type of label of an element of list Label[]
Displayed name	labelID (General)
Impact	No reset (class C)
Type	RLabelIDEnum

Table 268-19 logicalChannelGroupUL

Name	Value
Default	1
Description	Used to indicate which group id the uplink logical channel belongs to in the Buffer Status reports. As per 36.321
Displayed name	logicalChannelGroupUL (General)
Impact	Full reset (class A)
Maximum	3
Minimum	0
Type	Integer

Table 268-20 logicalChannelPrioritizedBitRate

Name	Value
Default	kBps8
Description	This parameter describes the prioritized bit rate of an uplink logical channel, as per 36.321. One value is signaled per logical channel
Displayed name	logicalChannelPrioritizedBitRate (General)
Impact	No reset (class C)
Type	LogicalChannelPrioritizedBitRateEnum
Units	Kbytes/s

Table 268-21 logicalChannelPriority

Name	Value
Default	1
Description	This parameter describes the priority of a logical channel as per 36.321. One value is signaled per logical channel
Displayed name	logicalChannelPriority (General)

(1 of 2)

Name	Value
Impact	Full reset (class A)
Maximum	16
Minimum	1
Type	Integer

(2 of 2)

Table 268-22 pdcpDILosslessBufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the DL PDCP lossless buffer size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = $\text{Min}[(SF + SA), 4096]$ Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: $SD = \text{Ceil}[(GBR \cdot T \cdot WQ) / (8 \cdot AP)]$ For Non-GBR bearers: $SD = \text{Ceil}[(AMBR \cdot T \cdot WQ) / (8 \cdot AP)]$ Where the GBR or AMBR shall use the unit of kbps. The parameter list is {SF, T, WQ, AP}. It shall be applied only to RLC AM mode.
Impact	No reset (class C)
Type	PdcpDILosslessBufferCoefficientsType

Table 268-23 pdcpDISourceS1BufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the source eNB PDCP DL S1 buffer size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets SC - The ceiling of the buffer (maximum capped size), in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = $\text{Min}[(SF + SA), SC]$ Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: $SD = \text{Ceil}[(GBR \cdot T \cdot WQ) / (8 \cdot AP)]$ For Non-GBR bearers: $SD = \text{Ceil}[(AMBR \cdot T \cdot WQ) / (8 \cdot AP)]$ Where the GBR or AMBR shall use the unit of kbps. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset (class C)
Type	PdcpDISourceS1BufferCoefficientsType

Table 268-24 pdcpDlTargetDataForwardingBufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the target eNB PDCP data forwarding buffer (for either X2 direct or S1 indirect forwarding) size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets SC - The ceiling of the buffer (maximum capped size), in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = $\text{Min}[(SF + SA), SC]$ Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: $SD = \text{Ceil}[(GBR * T * WQ) / (8 * AP)]$ For Non-GBR bearers: $SD = \text{Ceil}[(AMBR * T * WQ) / (8 * AP)]$ Where the GBR or AMBR shall use the unit of kbps. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset (class C)
Type	PdcpDlTargetDataForwardingBufferCoefficientsType

Table 268-25 pdcpDlTargetS1BufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the target eNB PDCP DL S1 buffer size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets SC - The ceiling of the buffer (maximum capped size), in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = $\text{Min}[(SF + SA), SC]$ Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: $SD = \text{Ceil}[(GBR * T * WQ) / (8 * AP)]$ For Non-GBR bearers: $SD = \text{Ceil}[(AMBR * T * WQ) / (8 * AP)]$ Where the GBR or AMBR shall use the unit of kbps. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset (class C)
Type	PdcpDlTargetS1BufferCoefficientsType

Table 268-26 pdcpLosslessBufferHigherThreshold

Name	Value
Default	80
Description	The higher threshold (TH_High) for the PDCP lossless buffer for RLC-PDCP flow control. It is percentage based so the real higher buffer threshold in terms of bytes or packets can be calculated. This parameter applies to AM TRBs only.
Displayed name	pdcpLosslessBufferHigherThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 268-27 pdcpLosslessBufferLowerThreshold

Name	Value
Default	30
Description	The lower threshold (TH_Low) for the PDCP lossless buffer for RLC-PDCP flow control. It is percentage based so the real lower buffer threshold in terms of bytes or packets can be calculated. This parameter applies to AM TRBs only.
Displayed name	pdcpLosslessBufferLowerThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 268-28 pdcpUITargetS1BufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the target eNB UL PDCP S1 buffer size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets SC - The ceiling of the buffer (maximum capped size), in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = $\text{Min}[(SF + SA), SC]$ Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: $SD = \text{Ceil}[(GBR * T * WQ) / (8 * AP)]$ For Non-GBR bearers: $SD = \text{Ceil}[(AMBR * T * WQ) / (8 * AP)]$ Where the GBR or AMBR shall use the unit of kbps. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset (class C)
Type	PdcpUITargetS1BufferCoefficientsType

Table 268-29 psHoToUtraFddEnabled

Name	Value
Description	This flag enables or not the PS handover to UTRA FDD for this Radio Bearer. If set to true on source eNB, PS handover to UTRA FDD will be performed. If set to False on source eNB, there will be no PS handover to UTRA FDD for this Radio Bearer.
Displayed name	psHoToUtraFddEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 268-30 psHoToUtraTddEnabled

Name	Value
Description	This flag enables or not the PS handover to UTRA TDD for this Radio Bearer. If set to true on source eNB, PS handover to UTRA TDD will be performed. If set to False on source eNB, there will be no PS handover to UTRA TDD for this Radio Bearer.
Impact	No reset (class C)
Type	Boolean

Table 268-31 rlcDiscardTimerEnb

Name	Value
Description	This parameter configures eNB RLC SDU discard timer to perform QoS based discard. It is an enumerated value from {50ms, 100ms, 150ms, 300ms, 500ms, 750ms, 1500ms, infinity}. If it is set to "infinity" the RLC shall not perform discard. The value setting (including default) shall be different under different QCI when the parameter is pegged. For GBR QCIs, the default value shall be the corresponding PDB (50ms, 100ms, 150ms, 300ms). For Non-GBR QCIs, the default value can be set as 1500ms.
Displayed name	rlcDiscardTimerEnb (General)
Impact	No reset (class C)
Type	PdcPDiscardTimerEnum

Table 268-32 rlcPdcPFlowControlEnabled

Name	Value
Default	True
Description	The parameter to disable/enable the RLC-PDCP flow control feature for the TRB. When it is disabled, the RLC and PDCP shall not perform any flow control and buffer management actions (however the RLC QoS timer based discard may still perform).
Displayed name	rlcPdcPFlowControlEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 268-33 rlcSduBufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the total RLC SDU buffer size, in terms of KBytes for the sum of all SDUs . The list includes: SF - The base size (floor or minimum) of the buffer, in terms of KBytes SC - The ceiling of the buffer (maximum capped size), in terms of KBytes T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% The buffer size = $\text{Min}[(\text{SF} + \text{SA}), \text{SC}]$ Where SA is the adaptive buffer size (in KBytes) given by the following formulae: For GBR bearers: $\text{SD} = \text{Ceil}[(\text{GBR} * \text{T} * \text{WQ}) / 8000]$ For Non-GBR bearers: $\text{SD} = \text{Ceil}[(\text{AMBR} * \text{T} * \text{WQ}) / 8000]$ Where the GBR or AMBR shall use the unit of kbps. The parameter list is {SF, SC, T, WQ}. It shall be applied regardless of UM or AM mode.
Impact	No reset (class C)
Type	RlcSduBufferCoefficientsType

Table 268-34 rlcSduBufferHigherThreshold

Name	Value
Default	80
Description	The higher threshold (TH) for the RLC SDU buffer for RLC-PDCP flow control. It is percentage based so the real higher buffer threshold in terms of bytes or packets can be calculated
Displayed name	rlcSduBufferHigherThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 268-35 rlcSduBufferLowerThreshold

Name	Value
Default	30
Description	The lower threshold (TL) for the RLC SDU buffer for RLC-PDCP flow control. It is percentage based so the real lower buffer threshold in terms of bytes or packets can be calculated.
Displayed name	rlcSduBufferLowerThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 268-36 rohcMaxCid

Name	Value
Default	15
Description	The maximum CID number used for a RoHC channel. This needs to be configured for both UE and eNB. It is not proposed to use different Max_CID for UL and DL so both UE and eNB shall use the same Max_CID. The maximum number of CIDs used by UE/eNB will be Max_CID + 1. This number has the upper limit set by Large_CIDS. I.e., if Large_CIDS is True, this parameter can be set up to 16383, otherwise this parameter can only be set up to 15. Therefore this parameter is also used to derive the parameter Large_CIDS for the RoHC compressor/decompressor. If Max_CID <= 15, Large_CIDS = False, otherwise Large_CIDS = True. 3GPP has defined maximum RoHC contexts (signalled by UE) as covering the UL and DL contexts collectively for the UE, with an effective maximum of 16384. In order to prevent a violation of maximum RoHC contexts, the rohcMaxCid must be restricted to a maximum of 8191.
Displayed name	rohcMaxCid (General)
Impact	Full reset (class A)
Maximum	8191
Minimum	0
Type	Integer

Table 268-37 rohcProfiles

Name	Value
Default	110100000
Description	This is a parameter that lists the RoHC profiles enabled for eNB. The parameter is presented in a bit string format with a length of 9, representing the 9 profiles defined in 3GPP excluding profile 0x0000 which is compulsory, as in table 5.2.1.1 of TS36.323, v8.4.0. Each bit indicates a particular profile in the following table. 1 means that particular profile is enabled, 0 means disabled. This parameter is used for the input of NPU RoHC profile configuration, as well as eNB input for RRC RoHC profile configuration (which also takes into account of UE capability). Bit 1: profile 0x0001 RTP/UDP/IP Bit 2: profile 0x0002 UDP/IP Bit 3: profile 0x0003 ESP/IP Bit 4: profile 0x0004 IP Bit 5: profile 0x0006 TCP/IP Bit 6: profile 0x0101 RTP/UDP/IP v2 Bit 7: profile 0x0102 UDP/IP v2 Bit 8: profile 0x0103 ESP/IP v2 Bit 9: profile 0x0104 IP v2 Profile 0x0000 (No-compression) is compulsory when RoHC is enabled. Therefore this is not included in the bitmap to also align with RRC PDCP-configuration format (which has also only 9 profiles).
Displayed name	rohcProfiles (General)
Impact	Full reset (class A)
Maximum	9
Minimum	9
Type	String

Table 268-38 uEDILogicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for UE DL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-39 uEDIMacConfId

Name	Value
Description	This parameter indicates the instance of the MO MacConf used for UE DL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-40 uEDIPdcpConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpcConf used for UE DL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-41 uEDIRlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for UE DL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-42 uEUILogicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for UE UL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-43 uEUIMacConfId

Name	Value
Description	This parameter indicates the instance of the MO MacConf used for UE UL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-44 uEUIPdcpcConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpcConf used for UE UL configuration
Export	No
Impact	Full reset (class A)
Type	String

Table 268-45 uEUIRlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for UE UL configuration
Export	No
Impact	Full reset (class A)
Type	String

269 –RadioCacBand

Table 269-1 RadioCacBand parameters

Parameters	
bandID deltaAdmissionThresholdOnPrbForHighPrioReq dlAdmissionThresholdOnPrb dlPRBLicensePerBand	id ulAdmissionThresholdOnPrb ulPRBLicensePerBand

Table 269-2 bandID

Name	Value
Default	band4
Description	This parameter defines the 3GPP band ID that the eNodeB serves.
Displayed name	bandID (General)
Impact	Partial reset (class B)
Type	EUTRABandEnum

Table 269-3 deltaAdmissionThresholdOnPrbForHighPrioReq

Name	Value
Default	0
Description	This parameter specifies the delta PRB percentage for admission of a high priority bearer or intra-LTE handover or RRC reestablishment request on the eNodeB. It is a delta percentage to be used in addition to the absolute threshold (dl/ulAdmissionThresholdOnPrb). Reactive load control may be triggered if (dl/ulAdmissionThresholdOnPrb + deltaAdmissionThresholdOnPrbForHighPrioReq) is exceeded.
Displayed name	deltaAdmissionThresholdOnPrbForHighPrioReq (General)
Impact	No reset (class C)
Maximum	20
Minimum	0
Type	Integer
Units	%

Table 269-4 dlAdmissionThresholdOnPrb

Name	Value
Default	90
Description	This parameter specifies the DL PRB percentage for admission of a low priority bearer based on RadioCacBand::dlPRBLicensePerBand. Reactive load control may be triggered if it is exceeded.
Displayed name	dlAdmissionThresholdOnPrb (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 269-5 dlPRBLicensePerBand

Name	Value
Default	300
Description	This parameter defines the number of PRBs that all the cells serving the band in the eNodeB can use in DL collectively.
Displayed name	dlPRBLicensePerBand (General)
Impact	No reset (class C)
Maximum	301

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 269-6 id

Name	Value
Description	RadioCacBand identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

Table 269-7 ulAdmissionThresholdOnPrb

Name	Value
Default	90
Description	This parameter specifies the UL PRB percentage for admission of a low priority based on RadioCacBand::ulPRBLicensePerBand. Reactive load control may be triggered if it is exceeded.
Displayed name	ulAdmissionThresholdOnPrb (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 269-8 ulPRBLicensePerBand

Name	Value
Default	300
Description	This parameter defines the number of PRBs that all the cells serving the band in the eNodeB can use in UL collectively.
Displayed name	ulPRBLicensePerBand (General)
Impact	No reset (class C)
Maximum	301

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

270 –RadioCacCell

Table 270-1 RadioCacCell parameters

Parameters	
admissionThresholdOnNbrOfDBs	maxNbrOfDataBearersPerQciGroup
badUeSinrThreshold	maxNbrOfUsers
deltaAdmissionThresholdForExistingCalls	maxNbrOfVoip
deltaAdmissionThresholdOnNbrOfDBsForHighPrioReq	nbOfContextsReservedForEmergencyCalls
deltaAdmissionThresholdOnPrbForHighPrioReq	overheadForUeInBadRadioCondition
dlAdmissionThreshold	periodMeasForPRBConsumption
dlAdmissionThresholdOnPrb	periodMeasForUeRadioCondition
dlBEConsumption	qCIforVoipRtpRtcp
dlMinBitRateForBE	qCIforVoipRtpRtcp_V2_x
dlOverheadConsumption	ulAdmissionThreshold
dlPRBconsumptionPerKbps	ulAdmissionThresholdOnPrb
dlSigConsumption	ulBEConsumption
dlTotalDLresourceCount	ulMaxNbrOfVoIPBearers
dlVOIPConsumption	ulMinBitRateForBE
goodUeSinrThreshold	ulOverheadConsumption
id	ulPRBconsumptionPerKbps
maxGBRforVoIPServiceDL	ulSigConsumption
maxGBRforVoIPServiceUL	ulTotalULresourceCount
maxNbOfDataBearersPerCell	ulVOIPConsumption
maxNbrOfBearersPerQci	

Table 270-2 admissionThresholdOnNbrOfDBs

Name	Value
Description	This parameter specifies the threshold on number of data bearers for the admission of a low priority request. Reactive load control may be triggered if it is exceeded.
Displayed name	admissionThresholdOnNbrOfDBs (General)
Impact	No reset (class C)
Maximum	756
Minimum	0
Type	Integer

Table 270-3 badUeSinrThreshold

Name	Value
Default	-10
Description	Low threshold for Signal in noise ratio = SINR estimated values in dB. Under this value UE is considered to be in bad radio conditions. Two thresholds are recommended to avoid flip-flopping between good and bad radio conditions.
Displayed name	badUeSinrThreshold (General)
Impact	No reset (class C)
Maximum	30
Minimum	-10
Step	0.25
Type	Floating point
Units	dB

Table 270-4 deltaAdmissionThresholdForExistingCalls

Name	Value
Default	0
Description	This additional threshold shall be used for intra-LTE mobility & RRC Re-establishment. It is an additional percentage in addition to the absolute threshold (dl/ulAdmissionThreshold) used mobility and re-establishment. This additional tolerance is only applicable for CAC on radio resource.
Displayed name	deltaAdmissionThresholdForExistingCalls (General)
Impact	No reset (class C)
Maximum	20
Minimum	0
Type	Integer
Units	%

Table 270-5 deltaAdmissionThresholdOnNbrOfDBsForHighPrioReq

Name	Value
Description	This parameter specifies an additional threshold to be used, on number of data bearers, for admission of a high priority bearer or intra-LTE mobility and RRC Re-establishment. It is a delta number to be used in addition to the absolute threshold (admissionThresholdOnNbrOfDBs). Reactive load control may be triggered if (admissionThresholdOnNbrOfDBs + deltaAdmissionThresholdOnNbrOfDBsForHighPrioReq) is exceeded.
Displayed name	deltaAdmissionThresholdOnNbrOfDBsForHighPrioReq (General)
Impact	No reset (class C)
Maximum	756
Minimum	0
Type	Integer

Table 270-6 deltaAdmissionThresholdOnPrbForHighPrioReq

Name	Value
Default	0
Description	This parameter specifies an additional threshold to be used, on PRB consumption, for admission of a high priority bearer or intra-LTE mobility and RRC Re-establishment. It is a delta percentage to be used in addition to the absolute threshold (dl/ulAdmissionThresholdOnPrb). Reactive load control may be triggered if (dl/ulAdmissionThresholdOnPrb + deltaAdmissionThresholdOnPrbForHighPrioReq) is exceeded.
Displayed name	deltaAdmissionThresholdOnPrbForHighPrioReq (General)
Impact	No reset (class C)
Maximum	20
Minimum	0
Type	Integer
Units	%

Table 270-7 dlAdmissionThreshold

Name	Value
Default	90
Description	defines DL CAC threshold for the admission of a call. In %
Displayed name	dlAdmissionThreshold (General)
Impact	No reset (class C)
Maximum	100

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 270-8 dlAdmissionThresholdOnPrb

Name	Value
Default	90
Description	This parameter specifies the DL percentage threshold on PRB consumption for the admission of a low priority request. Reactive load control may be triggered if it is exceeded.
Displayed name	dlAdmissionThresholdOnPrb (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 270-9 dlBEConsumption

Name	Value
Default	0
Description	defines Projected DL resource consumption for a BE PS RAB. In PRB per second
Displayed name	dlBEConsumption (General)
Impact	Full reset (class A)
Maximum	100000
Minimum	0
Type	Integer

Table 270-10 dlMinBitRateForBE

Name	Value
Default	1
Description	This parameter is used to determine the required PRBs to reserve resources in CAC in DL for non-GBR bearers.
Displayed name	dlMinBitRateForBE (General)
Impact	No reset (class C)
Maximum	2048

(1 of 2)

Name	Value
Minimum	0
Type	Integer
Units	Kbits/s

(2 of 2)

Table 270-11 dlOverheadConsumption

Name	Value
Default	0
Description	defines DL resource consumption for UL overhead channels (BCH,PCH etc...). In PRB per second
Displayed name	dlOverheadConsumption (General)
Impact	No reset (class C)
Maximum	100000
Minimum	0
Type	Integer

Table 270-12 dlPRBconsumptionPerKbps

Name	Value
Default	2
Description	defines Projected DL resource consumption per requested kbps of GBR. In PRB per second per Kbps.
Displayed name	dlPRBconsumptionPerKbps (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Step	0.1
Type	Floating point

Table 270-13 dlSigConsumption

Name	Value
Default	0
Description	defines Projected DL resource consumption for Standalone Signalling Config. In PRB per second
Displayed name	dlSigConsumption (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	100000
Minimum	0
Type	Integer

(2 of 2)

Table 270-14 dlTotalDLresourceCount

Name	Value
Default	12000
Description	defines total DL resource count (includes used and unused resource). In PRB per second
Displayed name	dlTotalDLresourceCount (General)
Impact	No reset (class C)
Type	PRBresourceCountEnum

Table 270-15 dlVOIPConsumption

Name	Value
Default	0
Description	defines Projected DL resource consumption for a VoIP PS RAB. In PRB per second
Displayed name	dlVOIPConsumption (General)
Impact	No reset (class C)
Maximum	100000
Minimum	0
Type	Integer

Table 270-16 goodUeSinrThreshold

Name	Value
Default	30
Description	High threshold for Signal in noise ratio = SINR estimated values in dB. Over this value UE is considered to be in good radio conditions. Two thresholds are recommended to avoid flip-flopping between good and bad radio conditions.
Displayed name	goodUeSinrThreshold (General)
Impact	No reset (class C)
Maximum	30

(1 of 2)

Name	Value
Minimum	-10
Step	0.25
Type	Floating point
Units	dB

(2 of 2)

Table 270-17 id

Name	Value
Description	RadioCacCell identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 270-18 maxGBRforVoIPServiceDL

Name	Value
Default	37200
Description	This parameter controls the maximum downlink GBR value accepted by the eNodeB for VoIP service. If a GBR value larger than this parameter is received from S1 interface then the E-RAB setup or modification is rejected.
Displayed name	maxGBRforVoIPServiceDL (General)
Impact	No reset (class C)
Maximum	65536
Minimum	1
Type	Integer
Units	bits/s

Table 270-19 maxGBRforVoIPServiceUL

Name	Value
Default	37200
Description	This parameter controls the maximum uplink GBR value accepted by the eNodeB for VoIP service. If a GBR value larger than this parameter is received from the S1 interface, then the E-RAB setup or modification is rejected.

(1 of 2)

Name	Value
Displayed name	maxGBRforVoIPserviceUl (General)
Impact	No reset (class C)
Maximum	65536
Minimum	1
Type	Integer
Units	bits/s

(2 of 2)

Table 270-20 maxNbOfDataBearersPerCell

Name	Value
Default	144
Description	Defines the max number of data bearers that are allowed to be setup at the same time on one cell of the eNodeB.
Displayed name	maxNbOfDataBearersPerCell (General)
Impact	No reset (class C)
Maximum	756
Minimum	0
Type	Integer

Table 270-21 maxNbrOfBearersPerQci

Name	Value
Description	This indicates the maximum number of bearers that can be supported for each QCI type. The first element of the list corresponds to QCI=1, the second element of the list corresponds to QCI=2 and so on. The threshold value defined for a QCI=x is significant if there is an instance of the MO TrafficRadioBearerConf configured for QCI=x, otherwise it is ignored.
Impact	No reset (class C)
Type	List name MaxNbrOfBearersPerQciType maps to singular value: INT

Table 270-22 maxNbrOfDataBearersPerQciGroup

Name	Value
Description	This list specifies the maximum number of data bearers that are allowed for each QCI group in a cell.
Impact	No reset (class C)

(1 of 2)

Name	Value
Type	List name MaxNbrOfDataBearersPerQciGroupType maps to singular value: INT
Unset supported	Yes

(2 of 2)

Table 270-23 maxNbrOfUsers

Name	Value
Default	100
Description	Defines maximum number of users allowed to be active on the cell.
Displayed name	maxNbrOfUsers (General)
Impact	No reset (class C)
Maximum	200
Minimum	0
Type	Integer

Table 270-24 maxNbrOfVoip

Name	Value
Default	20
Description	This parameter defines the maximum number of VoIP bearers in total for a cell.
Displayed name	maxNbrOfVoip (General)
Impact	No reset (class C)
Maximum	40
Minimum	0
Type	Integer

Table 270-25 nbOfContextsReservedForEmergencyCalls

Name	Value
Default	0
Description	This parameter defines the number of UE contexts reserved for emergency calls or emergency CS Fallbacks
Displayed name	nbOfContextsReservedForEmergencyCalls (General)
Impact	No reset (class C)
Maximum	20

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 270-26 overheadForUeInBadRadioCondition

Name	Value
Default	0
Description	This indicates the additional overhead (estimated) to admit an UE in bad radio condition. 0 indicates that all UEs are treated equally, regardless of the radio condition they are in.
Displayed name	overheadForUeInBadRadioCondition (General)
Impact	No reset (class C)
Maximum	50
Minimum	0
Type	Integer
Units	%

Table 270-27 periodMeasForPRBConsumption

Name	Value
Default	1
Description	defines the periodicity of periodicity of measurement (PRB Consumption) messages from modem to callP.
Displayed name	periodMeasForPRBConsumption (General)
Impact	No reset (class C)
Maximum	60
Minimum	1
Type	Integer
Units	s

Table 270-28 periodMeasForUeRadioCondition

Name	Value
Default	500
Description	defines the periodicity of UE radio condition messages from modem to callP.
Displayed name	periodMeasForUeRadioCondition (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	10000
Minimum	500
Step	500
Type	Integer
Units	ms

(2 of 2)

Table 270-29 qCIforVoipRtpRtcp

Name	Value
Default	1
Description	This parameter defines the S1 Bearer Level QoS Parameters QCI value for which the eNB will assume RTP/RTCP VoIP traffic
Displayed name	qCIforVoipRtpRtcp (General)
Impact	No reset (class C)
Maximum	9
Minimum	1
Type	Integer

Table 270-30 qCIforVoipRtpRtcp_V2_x

Name	Value
Description	This parameter defines the S1 Bearer Level QoS Parameters QCI value for which the eNB will assume RTP/RTCP VoIP traffic
Displayed name	qCIforVoipRtpRtcp (General)
Impact	No reset (class C)
Type	QCIforVoipRtpRtcpEnum

Table 270-31 ulAdmissionThreshold

Name	Value
Default	90
Description	defines UL CAC threshold for the admission of a call. In %
Displayed name	ulAdmissionThreshold (General)
Impact	No reset (class C)
Maximum	100

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 270-32 ulAdmissionThresholdOnPrb

Name	Value
Default	90
Description	This parameter specifies the UL percentage threshold on PRB consumption for the admission of a low priority request. Reactive load control may be triggered if it is exceeded.
Displayed name	ulAdmissionThresholdOnPrb (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 270-33 ulBEConsumption

Name	Value
Default	0
Description	defines Projected UL resource consumption for a BE PS RAB. In PRB per second
Displayed name	ulBEConsumption (General)
Impact	Full reset (class A)
Maximum	100000
Minimum	0
Type	Integer

Table 270-34 ulMaxNbrOfVoIPBearers

Name	Value
Default	20
Description	Max number of active UL semi-static patterns. The patterns are used for VoIP bearers. The max number depends of the UL semi-static scheduling mode (can be 8 or 16).
Displayed name	ulMaxNbrOfVoIPBearers (General)
Impact	No reset (class C)

(1 of 2)

Name	Value
Maximum	32
Minimum	0
Type	Integer

(2 of 2)

Table 270-35 ulMinBitRateForBE

Name	Value
Default	1
Description	This parameter is used to determine the required PRBs to reserve resources in CAC in UL for non-GBR bearers.
Displayed name	ulMinBitRateForBE (General)
Impact	No reset (class C)
Maximum	2048
Minimum	0
Type	Integer
Units	Kbits/s

Table 270-36 ulOverheadConsumption

Name	Value
Default	0
Description	defines UL resource consumption for UL overhead channels (RACH, PUCCH, etc...). In PRB per second
Displayed name	ulOverheadConsumption (General)
Impact	No reset (class C)
Maximum	100000
Minimum	0
Type	Integer

Table 270-37 ulPRBconsumptionPerKbps

Name	Value
Default	2
Description	defines projected UL resource consumption per requested kbps of GBR. In PRB per second per Kbps.
Displayed name	ulPRBconsumptionPerKbps (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	100
Minimum	0
Step	0.1
Type	Floating point

(2 of 2)

Table 270-38 ulSigConsumption

Name	Value
Default	0
Description	defines projected UL resource consumption for Standalone Signalling Config. In PRB per second
Displayed name	ulSigConsumption (General)
Impact	No reset (class C)
Maximum	100000
Minimum	0
Type	Integer

Table 270-39 ulTotalULresourceCount

Name	Value
Default	12000
Description	defines total UL resource count (includes used and unused resource). In PRB per second
Displayed name	ulTotalULresourceCount (General)
Impact	No reset (class C)
Type	PRBresourceCountEnum

Table 270-40 ulVOIPConsumption

Name	Value
Default	0
Description	defines projected UL resource consumption for a VoIP PS RAB. In PRB per second
Displayed name	ulVOIPConsumption (General)
Impact	No reset (class C)
Maximum	100000

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

271 –RadioCacCellFDD

Table 271-1 id

Name	Value
Description	RadioCacCellFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

272 –RadioCacConf

Table 272-1 RadioCacConf parameters

Parameters	
dlAdmissionThreshold	qCIforVoipRtpRtcp
dlBEConsumption	qCIforVoipRtpRtcp_V2_x
dlOverheadConsumption	ulAdmissionThreshold
dlPRBconsumptionPerKbps	ulBEConsumption
dlSigConsumption	ulMaxNbrOfVoIPBearers
dlTotalDLresourceCount	ulOverheadConsumption
dlVOIPConsumption	ulPRBconsumptionPerKbps
id	ulSigConsumption
maxNbOfDataBearersPerUe	ulTotalULresourceCount
maxNbrOfUsers	ulVOIPConsumption

Table 272-2 dlAdmissionThreshold

Name	Value
Default	90
Description	defines DL CAC threshold for the admission of a call. In %
Displayed name	dlAdmissionThreshold (General)
Impact	Full reset (class A)
Maximum	100
Minimum	0
Type	Integer

Table 272-3 dlBEConsumption

Name	Value
Default	0
Description	defines Projected DL resource consumption for a BE PS RAB. In PRB per second
Displayed name	dlBEConsumption (General)
Impact	Full reset (class A)
Maximum	100000
Minimum	0
Type	Integer

Table 272-4 dlOverheadConsumption

Name	Value
Default	0
Description	defines DL resource consumption for UL overhead channels (BCH,PCH etc..). In PRB per second
Displayed name	dlOverheadConsumption (General)
Impact	Full reset (class A)
Maximum	100000
Minimum	0
Type	Integer

Table 272-5 dlPRBconsumptionPerKbps

Name	Value
Default	2
Description	defines Projected DL resource consumption per requested kbps of GBR. In PRB per second per Kbps.
Displayed name	dlPRBconsumptionPerKbps (General)
Impact	Full reset (class A)
Maximum	100
Minimum	0
Type	Floating point

Table 272-6 dISigConsumption

Name	Value
Default	0
Description	defines Projected DL resource consumption for Standalone Signalling Config. In PRB per second
Displayed name	dISigConsumption (General)
Impact	Full reset (class A)
Maximum	100000
Minimum	0
Type	Integer

Table 272-7 dITotalDLresourceCount

Name	Value
Default	12000
Description	defines total DL resource count (includes used and unused resource). In PRB per second
Displayed name	dITotalDLresourceCount (General)
Impact	Full reset (class A)
Type	PRBresourceCountEnum

Table 272-8 dIVOIPConsumption

Name	Value
Default	0
Description	defines Projected DL resource consumption for a VoIP PS RAB. In PRB per second
Displayed name	dIVOIPConsumption (General)
Impact	Full reset (class A)
Maximum	100000
Minimum	0
Type	Integer

Table 272-9 id

Name	Value
Description	RadioCacConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 272-10 maxNbOfDataBearersPerUe

Name	Value
Description	This parameter defines the maximum number of data bearers (DRB) that can be configured for any UE.
Displayed name	maxNbOfDataBearersPerUe (General)
Impact	Full reset (class A)
Maximum	2
Minimum	1
Type	Integer

Table 272-11 maxNbrOfUsers

Name	Value
Default	167
Description	Defines maximum number of users allowed to be active on the cell.
Displayed name	maxNbrOfUsers (General)
Impact	Full reset (class A)
Maximum	200
Minimum	0
Type	Integer

Table 272-12 qClforVoipRtpRtcp

Name	Value
Default	1
Description	This parameter defines the S1 Bearer Level QoS Parameters QCI value for which the eNB will assume RTP/RTCP VoIP traffic
Displayed name	qClforVoipRtpRtcp (General)
Impact	Full reset (class A)
Maximum	9
Minimum	1
Type	Integer

Table 272-13 qClforVoipRtpRtcp_V2_x

Name	Value
Description	This parameter defines the S1 Bearer Level QoS Parameters QCI value for which the eNB will assume RTP/RTCP VoIP traffic
Displayed name	qClforVoipRtpRtcp (General)
Impact	Full reset (class A)
Type	QClforVoipRtpRtcpEnum

Table 272-14 ulAdmissionThreshold

Name	Value
Default	90
Description	defines UL CAC threshold for the admission of a call. In %
Displayed name	ulAdmissionThreshold (General)
Impact	Full reset (class A)
Maximum	100
Minimum	0
Type	Integer

Table 272-15 ulBEConsumption

Name	Value
Default	0
Description	defines Projected UL resource consumption for a BE PS RAB. In PRB per second

(1 of 2)

Name	Value
Displayed name	ulBEConsumption (General)
Maximum	100000
Minimum	0
Type	Integer

(2 of 2)

Table 272-16 ulMaxNbrOfVoIPBearers

Name	Value
Default	16
Description	Max number of active UL semi-static patterns. The patterns are used for VoIP bearers. The max number depends on the UL semi-static scheduling mode.
Displayed name	ulMaxNbrOfVoIPBearers (General)
Impact	Full reset (class A)
Maximum	32
Minimum	0
Type	Integer

Table 272-17 ulOverheadConsumption

Name	Value
Default	0
Description	defines UL resource consumption for UL overhead channels (RACH, PUCCH, etc...). In PRB per second
Displayed name	ulOverheadConsumption (General)
Impact	Full reset (class A)
Maximum	100000
Minimum	0
Type	Integer

Table 272-18 ulPRBconsumptionPerKbps

Name	Value
Default	2
Description	defines projected UL resource consumption per requested kbps of GBR. In PRB per second per Kbps.
Displayed name	ulPRBconsumptionPerKbps (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Floating point

(2 of 2)

Table 272-19 ulSigConsumption

Name	Value
Default	0
Description	defines projected UL resource consumption for Standalone Signalling Config. In PRB per second
Displayed name	ulSigConsumption (General)
Impact	No reset (class C)
Maximum	100000
Minimum	0
Type	Integer

Table 272-20 ulTotalULresourceCount

Name	Value
Default	12000
Description	defines total UL resource count (includes used and unused resource). In PRB per second
Displayed name	ulTotalULresourceCount (General)
Impact	Full reset (class A)
Type	PRBresourceCountEnum

Table 272-21 ulVOIPConsumption

Name	Value
Default	0
Description	defines projected UL resource consumption for a VoIP PS RAB. In PRB per second
Displayed name	ulVOIPConsumption (General)
Impact	No reset (class C)
Maximum	100000

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

273 –RadioCacEnb

Table 273-1 RadioCacEnb parameters

Parameters	
cchSelfLearningCoef id lowArpPriorityStart maxNbOfDataBearersPerEnodeB maxNbOfDataBearersPerModemCard maxNbOfDataBearersPerUe	maxNbOfDataBearersPerUeV4 maxNbrOfUsersImpactedByReactiveLoadControl maxNumberOfCallPerEnodeB maxNumberOfCallPerModemCard reactiveLoadControlActionForEcAdmission

Table 273-2 cchSelfLearningCoef

Name	Value
Description	This parameter defines filtering coefficient for estimation of PRB consumption of common channel from modem report.
Displayed name	cchSelfLearningCoef (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 273-3 id

Name	Value
Description	RadioCacEnb identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 273-4 lowArpPriorityStart

Name	Value
Description	This parameter defines the start of range of low ARP priority level. The APR priority in range [1..start-1] is considered high priority, and the ARP priority in range [start..15] is considered low priority.
Displayed name	lowArpPriorityStart (General)
Impact	No reset (class C)
Maximum	15
Minimum	1
Type	Integer

Table 273-5 maxNbOfDataBearersPerEnodeB

Name	Value
Default	432
Description	Defines the max number of data bearers that are allowed to be setup at the same time on the eNodeB. NOTE : For LA2.0, the maximum has increased to 486 despite not being mentioned in the MIM document.
Displayed name	maxNbOfDataBearersPerEnodeB (General)
Impact	No reset (class C)
Maximum	2268
Minimum	0
Type	Integer

Table 273-6 maxNbOfDataBearersPerModemCard

Name	Value
Default	162
Description	Defines the max number of data bearers that are allowed to be setup at the same time on one of the modem cards of the eNodeB. In the case where more than one cell is mapped onto a modem card, this corresponds to the sum of the data bearers over these cells. NOTE : The range for this field has been increased to 162 despite still being marked as 144 in the LA2.0 MIM.
Displayed name	maxNbOfDataBearersPerModemCard (General)
Impact	Full reset (class A)
Maximum	162
Minimum	0
Type	Integer

Table 273-7 maxNbOfDataBearersPerUe

Name	Value
Description	This parameter defines the maximum number of data bearers (DRB) that can be configured for any UE.
Displayed name	maxNbOfDataBearersPerUe (General)
Impact	No reset (class C)
Maximum	8
Minimum	1
Type	Integer

Table 273-8 maxNbOfDataBearersPerUeV4

Name	Value
Description	This parameter defines the maximum number of data bearers (DRB) that can be configured for any UE.
Displayed name	maxNbOfDataBearersPerUe (General)
Impact	No reset (class C)
Type	MaxNbOfDataBearersPerUeEnum

Table 273-9 maxNbrOfUsersImpactedByReactiveLoadControl

Name	Value
Description	This parameter defines the max number of users that are involved into reactive load control. It can be the one will be off-loaded, or the one whose bearer will be released.
Displayed name	maxNbrOfUsersImpactedByReactiveLoadControl (General)
Impact	No reset (class C)
Maximum	600
Minimum	1
Type	Integer
Unset supported	Yes

Table 273-10 maxNumberOfCallPerEnodeB

Name	Value
Default	60
Description	Defines the max number of users that allowed per eNodeB
Displayed name	maxNumberOfCallPerEnodeB (General)
Impact	No reset (class C)
Maximum	600
Minimum	0
Type	Integer

Table 273-11 maxNumberOfCallPerModemCard

Name	Value
Default	60
Description	Defines the max number of users that are allowed to be setup at the same time on one of the modem cards of the eNodeB. In the case where more than one cell is mapped onto a modem card, this corresponds to the sum of the active calls over these cells.
Displayed name	maxNumberOfCallPerModemCard (General)
Impact	Full reset (class A)
Maximum	60
Minimum	0
Type	Integer

Table 273-12 reactiveLoadControlActionForEcAdmission

Name	Value
Default	outgoingMobility
Description	This parameter defines the action (UE release, or UE offload) for reactive load control triggered by emergency call admission.
Displayed name	reactiveLoadControlActionForEcAdmission (General)
Impact	No reset (class C)
Type	CallPreemptionActionEnum

274 –RadioCacFDD

Table 274-1 RadioCacFDD parameters

Parameters	
id	maxNbOfDataBearersPerUe

Table 274-2 id

Name	Value
Description	RadioCacFDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 274-3 maxNbOfDataBearersPerUe

Name	Value
Description	This parameter defines the maximum number of data bearers (DRB) that can be configured for any UE.
Displayed name	maxNbOfDataBearersPerUe (General)
Impact	No reset (class C)

(1 of 2)

Name	Value
Maximum	4
Minimum	1
Type	Integer

(2 of 2)

275 –RadioCacTDD

Table 275-1 RadioCacTDD parameters

Parameters	
id	maxNbOfDataBearersPerUe

Table 275-2 id

Name	Value
Description	RadioCacTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 275-3 maxNbOfDataBearersPerUe

Name	Value
Description	This parameter defines the maximum number of data bearers (DRB) that can be configured for any UE.
Displayed name	maxNbOfDataBearersPerUe (General)
Impact	No reset (class C)

(1 of 2)

Name	Value
Maximum	4
Minimum	1
Type	Integer

(2 of 2)

276 –RadiusGroupProfile

Table 276-1 RadiusGroupProfile parameters

Parameters	
acctUDPPort authUDPPort ifIndex ifVRtrId	radiusServerType sharedSecret updateInterval

Table 276-2 acctUDPPort

Name	Value
auditable	No
Default	1813
Displayed name	Accounting Port (General)
Maximum	65535
Minimum	1
Type	Long integer

Table 276-3 authUDPPort

Name	Value
auditable	No
Default	1812
Displayed name	Authentication Port (General)
Maximum	65535
Minimum	1
Type	Long integer

Table 276-4 ifIndex

Name	Value
auditable	No
Default	0
Description	specifies the interface index of the local interface used by this group When the value of this object is set to 0, no default interface has been assigned.
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 276-5 ifVRtrId

Name	Value
auditable	No
Default	1
Description	specifies the virtual router to which the interface specified by IfIndex belongs.
Mandatory on creation	Yes
Maximum	10240
Minimum	1
Type	Integer

Table 276-6 radiusServerType

Name	Value
Default	No default
Description	This specifies the server type for this radius group.
Displayed name	RADIUS Server Type (General)
Type	RadiusServerType

Table 276-7 sharedSecret

Name	Value
auditable	No
Default	No default
Description	This specifies the shared secret key to be used with the server. The value returned from node is always an empty string.
Displayed name	Shared Secret (General)
encrypted	Yes
Maximum	20
Minimum	0
Type	String

Table 276-8 updateInterval

Name	Value
Default	0
Description	This specifies the time interval, in minutes, for sending interim-update messages to the accounting server.
Displayed name	Update Interval (General)
Type	Integer
Units	minutes

277 –RadiusPeerProfile

Table 277-1 RadiusPeerProfile parameters

Parameters	
acctUDPPort adminState authUDPPort parentGroupName	peerAddr peerAddrType priority sharedSecret

Table 277-2 acctUDPPort

Name	Value
auditable	No
Default	0
Description	This specifies the listening port on the radius server for accounting messages.
Displayed name	Accounting Port (General)
Maximum	65535
Minimum	0
Type	Long integer

Table 277-3 adminState

Name	Value
Default	outOfService
Displayed name	Administrative State (General)
Type	AdministrativeState

Table 277-4 authUDPPort

Name	Value
auditable	No
Default	0
Description	This specifies the listening port on the radius server for authentication messages.
Displayed name	Authentication Port (General)
Maximum	65535
Minimum	0
Type	Long integer

Table 277-5 parentGroupName

Name	Value
Default	No default
Mandatory on creation	Yes
Type	String

Table 277-6 peerAddr

Name	Value
Default	No default
Displayed name	IP Address (General)
Mandatory on creation	Yes
Type	IP address

Table 277-7 peerAddrType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

Table 277-8 priority

Name	Value
auditable	Yes
Default	1
Description	This specifies the priority of this server. The value of '3' is considered as the highest priority. The system will attempt to use the highest priority server available at the time. The system will automatically use round-robin load-balancing among servers configured with the same priority.
Displayed name	Priority (General)
Export	Yes
Maximum	3
Minimum	1
Type	Integer

Table 277-9 sharedSecret

Name	Value
auditable	No
Default	No default
Description	This specifies the shared secret key to be used with the server. The value returned by node is always an empty string.
Displayed name	Shared Secret (General)
encrypted	Yes
Maximum	20
Minimum	0
Type	String

278 –RadiusProfile

Table 278-1 RadiusProfile parameters

Parameters	
authenticationProbeInterval peerServerDeadTime	peerServerRetryCount peerServerRetryTimeout

Table 278-2 authenticationProbeInterval

Name	Value
Default	0
Description	This specifies the interval at which the system sends authentication probe messages to an authentication server. An authentication probe is a 'fake' Access-Request message for a certain username and password. If the server responds to the Access-Request (even with an Access- Reject), the server will be considered operational. Note that the authentication probe messages will not be sent to the servers that are used for accounting only.
Displayed name	Authentication Probe Interval (General)
Type	Integer
Units	seconds

Table 278-3 peerServerDeadTime

Name	Value
Default	300
Description	This specifies the time, in seconds, that the server continues to be considered dead before the system will attempt to use it for normal authentication or accounting requests. When the system fails to reach a particular server after a configurable number of retries, the server is marked dead and another server is selected.
Displayed name	Dead Time (General)
Type	Integer
Units	seconds

Table 278-4 peerServerRetryCount

Name	Value
Default	4
Description	This specifies the maximum number of times the system sends a radius message to the server. When this count is reached the server is considered dead and another server is selected.
Displayed name	Retry Count (General)
Maximum	8
Minimum	1
Type	Integer

Table 278-5 peerServerRetryTimeout

Name	Value
Default	4
Description	This specifies the time, in seconds, to wait before resending a request to which no response has been received.
Displayed name	Retry Timeout (General)
Maximum	20
Minimum	3
Type	Integer
Units	seconds

279 –RanBackhaul

Table 279-1 RanBackhaul parameters

Parameters	
id mtu	trafficShapingMode transportCacAndShapingConfId

Table 279-2 id

Name	Value
Description	RanBackhaul identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 279-3 mtu

Name	Value
Default	1500
Description	This parameter is used to specify the minimum MTU value over: - all first-hop Ethernet links (all eNodeB VLANs) - all links in all GTP paths between eNodeB and SGWs/neighbor eNodeBs (there is no path MTU discovery on the user plane).
Displayed name	mtu (General)
Impact	Full reset (class A)
Maximum	2000
Minimum	1280
Type	Integer
Units	bytes

Table 279-4 trafficShapingMode

Name	Value
Description	This parameter permits to configure UL traffic shaping mode. Possible values are: -PerPort if UL traffic shaping is per port. -PerVlan if UL traffic shaping is per Vlan.
Displayed name	trafficShapingMode (General)
Impact	Full reset (class A)
Type	TrafficShapingModeEnum
Unset supported	Yes

Table 279-5 transportCacAndShapingConfId

Name	Value
Description	This parameter provides the instance number of the associated TransportCacAndShaping object.
Impact	Full reset (class A)
Type	String

280 –RANLicense

Table 280-1 RANLicense parameters

Parameters	
licenseName	technology
licenseType	totalConsumed

Table 280-2 licenseName

Name	Value
Default	No default
Displayed name	License Name (General)
Mandatory on creation	Yes
Maximum	80
Minimum	0
Type	String

Table 280-3 licenseType

Name	Value
Default	No default
Displayed name	License Type (General)

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Name	Value
Mandatory on creation	Yes
Type	LicenseType

(2 of 2)

Table 280-4 technology

Name	Value
Default	No default
Displayed name	Technology (General)
Mandatory on creation	Yes
Type	TechnologyType

Table 280-5 totalConsumed

Name	Value
Default	0
Displayed name	Total Consumed (General)
Mandatory on creation	Yes
Type	String

281 –RANLicenseManager

Table 281-1 RANLicenseManager parameters

Parameters	
emailRecipientAddress firstExpirationThreshold firstUsageThreshold ipAddressType	licenseFileToImport secondExpirationThreshold secondUsageThreshold

Table 281-2 emailRecipientAddress

Name	Value
Default	No default
Description	List of email addresses separated by ';'.
Displayed name	Email Recipient Address (General)
Maximum	80
Minimum	0
Type	String

Table 281-3 firstExpirationThreshold

Name	Value
Default	90
Displayed name	First Expiration Threshold (General)
Maximum	365
Minimum	0
Type	Integer
Units	days

Table 281-4 firstUsageThreshold

Name	Value
Default	75
Displayed name	First Usage Threshold (General)
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 281-5 ipAddressType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

Table 281-6 licenseFileToImport

Name	Value
Default	No default
Displayed name	License File To Import (General)
Maximum	255
Minimum	0
Type	String

Table 281-7 secondExpirationThreshold

Name	Value
Default	30
Displayed name	Second Expiration Threshold (General)
Maximum	365
Minimum	0
Type	Integer
Units	days

Table 281-8 secondUsageThreshold

Name	Value
Default	90
Displayed name	Second Usage Threshold (General)
Maximum	100
Minimum	0
Type	Integer
Units	%

282 –RANNELicenseCollector

Table 282-1 RANNELicenseCollector parameters

Parameters	
infiniteLicensesConsumedCounter licenseName	neld totalConsumed

Table 282-2 infiniteLicensesConsumedCounter

Name	Value
Default	0
Mandatory on creation	Yes
Type	Integer

Table 282-3 licenseName

Name	Value
Default	No default
Mandatory on creation	Yes
Maximum	80
Minimum	0
Type	String

Table 282-4 neld

Name	Value
Mandatory on creation	Yes
Type	String

Table 282-5 totalConsumed

Name	Value
Default	0
Mandatory on creation	Yes
Type	Integer

283 –RanPMPolicy

Table 283-1 RanPMPolicy parameters

Parameters	
administrativeState description displayName	fileRetentionTime id pollingInterval

Table 283-2 administrativeState

Name	Value
Default	down
Description	Allows to start/stop performance management stats collection
Type	AdminState

Table 283-3 description

Name	Value
Maximum	255
Minimum	0
Type	String

Table 283-4 displayName

Name	Value
Default	No default
Maximum	80
Minimum	0
Type	String

Table 283-5 fileRetentionTime

Name	Value
Default	5
Maximum	60
Minimum	5
Type	Integer
Units	days

Table 283-6 id

Name	Value
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Integer

Table 283-7 pollingInterval

Name	Value
Default	15minutes
Type	PmcGranularityPeriod
Units	min

284 –RanProfile

Table 284-1 RanProfile parameters

Parameters	
closeSessionOnFirstFailure deleteEarlierSessionBeforeNewSession	description uniqueName

Table 284-2 closeSessionOnFirstFailure

Name	Value
Default	False
Description	closes the activation Session when encounters the first validation failure on any NE
Displayed name	Close Session On First Failure (General)
Mandatory on creation	Yes
Type	Boolean

Table 284-3 deleteEarlierSessionBeforeNewSession

Name	Value
Default	True
Description	Deletes earlier activation Session when new session has to be started. New Session gets started when ever operator modifies the Task such as addition/deletion/modification and re-distribution

(1 of 2)

Name	Value
Displayed name	Delete Earlier Session Before Creating New Session (General)
Mandatory on creation	Yes
Type	Boolean

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Table 284-4 description

Name	Value
Default	No default
Description	The description of the operation.
Maximum	255
Minimum	0
Type	String

Table 284-5 uniqueName

Name	Value
Description	String representing the Unique Name of a LTE Provisioning Task instance.
Mandatory on creation	Yes
Maximum	64
Minimum	1
Type	String

285 –RANRadioMeasurement

Table 285-1 RANRadioMeasurement parameters

Parameters	
cellFriendlyName id	isPolling rmPortNumber

Table 285-2 cellFriendlyName

Name	Value
Description	A user friendly name of the cell that corresponds to the absolute identifier for the LTEcell object in XML MIM with inter-eNB consistency rules. This attribute identifies a cell within an eNB.
Displayed name	Cell name (General)
displayed	Cell name
Mandatory on creation	Yes
Type	String

Table 285-3 id

Name	Value
Description	object key : concatenation of cellFriendlyName and rmPortNumber.
displayed	id

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	String

(2 of 2)

Table 285-4 isPolling

Name	Value
Default	False
Description	true if the server is polling the data.
Displayed name	Polling status (General)
Type	Boolean

Table 285-5 rmPortNumber

Name	Value
Default	1
Description	Radio measurement port number .
Displayed name	Port number (General)
Mandatory on creation	Yes
Maximum	8
Minimum	1
Type	Integer

286 –RANRadioMeasures

Table 286-1 RANRadioMeasures parameters

Parameters	
hasToReschedule	selected

Table 286-2 hasToReschedule

Name	Value
Default	False
Description	true if a client asks for polling after it has already started.
Type	Boolean

Table 286-3 selected

Name	Value
Default	0
Description	Counts how many sam gui selected this enodeb for measurement.
Type	Integer

287 –RanSctpProfile

Table 287-1 RanSctpProfile parameters

Parameters	
sctpAccessAssociationMaxRetrans	sctpAlphaDivisor
sctpAccessEstablishmentMaxRetries	sctpAssocHeartbeatInterval
sctpAccessEstablishmentRetryInterval	sctpBetaDivisor
sctpAccessLinkFailureMaxRetries	sctpRTOLnit
sctpAccessLinkFailureRetryInterval	sctpRTOMax
sctpAccessMaxInitRetransmits	sctpRTOMin
sctpAccessPathMaxRetrans	sctpSACKTimer

Table 287-2 sctpAccessAssociationMaxRetrans

Name	Value
Default	10
Description	This parameter defines the maximum number of retransmissions of Data and/or Heartbeat messages for an association before the SCTP association declares a path failure.
Displayed name	Access Association Maximum Retransmissions (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 287-3 sctpAccessEstablishmentMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions at SCTP association establishment. The value 255 is interpreted as an infinite number of retries.
Displayed name	Access Establishment Maximum Retries (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 287-4 sctpAccessEstablishmentRetryInterval

Name	Value
Description	Defines the interval between retransmissions at SCTP association establishment.
Displayed name	Access Establishment Retry Interval (General)
Impact	Partial reset (class B)
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 287-5 sctpAccessLinkFailureMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions after detection of link failure.
Displayed name	Access Link Failure Maximum Retries (General)
Impact	Full reset (class A)
Maximum	255
Minimum	0
Type	Integer

Table 287-6 sctpAccessLinkFailureRetryInterval

Name	Value
Description	Defines the interval between retransmissions after detection of link failure.
Displayed name	Access Link Failure Retry Interval (General)

(1 of 2)

Name	Value
Impact	Full reset (class A)
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

(2 of 2)

Table 287-7 sctpAccessMaxInitRetransmits

Name	Value
Default	8
Description	This parameter defines the maximum number of retransmissions of the INIT message at SCTP association establishment.
Displayed name	Access Maximum INIT Retransmissions (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 287-8 sctpAccessPathMaxRetrans

Name	Value
Default	5
Description	This parameter defines the maximum number of retransmissions of Data and/or Heartbeat messages on a transmission path before the SCTP association declares a path failure.
Displayed name	Access Path Maximum Retransmissions (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 287-9 sctpAlphaDivisor

Name	Value
Default	8
Description	This parameter defines the alpha constant in the RTO calculation algorithm.

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Name	Value
Displayed name	Alpha Divisor (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	1
Type	Integer

(2 of 2)

Table 287-10 sctpAssocHeartbeatInterval

Name	Value
Default	30000
Description	Heartbeat Interval timer value for the SCTP entities.
Displayed name	Association Heartbeat Interval (General)
Impact	Partial reset (class B)
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 287-11 sctpBetaDivisor

Name	Value
Default	4
Description	This parameter defines the beta constant in the RTO calculation algorithm.
Displayed name	Beta Divisor (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	1
Type	Integer

Table 287-12 sctpRTOInit

Name	Value
Default	3000
Description	This parameter defines the Initial value the RTO algorithm uses, for subsequently calculating RTO for transmitted packets.

(1 of 2)

Name	Value
Displayed name	RTO Initial Value (General)
Impact	Partial reset (class B)
Maximum	10000
Minimum	10
Step	10
Type	Integer
Units	ms

(2 of 2)

Table 287-13 sctpRTOMax

Name	Value
Default	60000
Description	This parameter defines the maximum time the eNodeB waits for the Acknowledgement to a transmitted Data packet before retransmitting. This is used by the SCTP protocol to bound the RTO calculation.
Displayed name	RTO Maximum Time (General)
Impact	Partial reset (class B)
Maximum	60000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 287-14 sctpRTOMin

Name	Value
Default	1000
Description	This parameter defines the minimum time the eNodeB waits for the Acknowledgement to a transmitted Data packet before retransmitting. This is used by the SCTP protocol to bound the RTO calculation.
Displayed name	RTO Minimum Time (General)
Impact	Partial reset (class B)
Maximum	10000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 287-15 sctpSACKTimer

Name	Value
Default	200
Description	This parameter defines the time the eNodeB waits before sending a SACK having received a data packet. If a 2nd packet is received before this timer expires a SACK is sent immediately. The value '0' is interpreted as eNodeB sends a SACK immediately on reception of a Data packet - no delay.
Displayed name	SACK Timer (General)
Impact	Partial reset (class B)
Maximum	500
Minimum	0
Type	Integer
Units	ms

288 –ReferencePoint

Table 288-1 ReferencePoint parameters

Parameters	
siteldAddressType	type

Table 288-2 siteldAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 288-3 type

Name	Value
Default	No default
Description	The type of Reference Point for which this configuration object applies.
Displayed name	EPS Subcomponent (General)
Mandatory on creation	Yes
Type	ReferencePointType

289 –RemoteLteCell

Table 289-1 RemoteLteCell parameters

Parameters	
id macroEnbId physicalLayerCellIdentityGroupIndex physicalLayerCellIdentityIndex plmnMobileCountryCode	plmnMobileNetworkCode relativeCellIdentity trackingAreaCode x2AccessId

Table 289-2 id

Name	Value
Description	RemoteLteCell identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	63
Minimum	0
Type	Integer

Table 289-3 macroEnbId

Name	Value
Description	TS 36.423 9.2.22 Global eNB ID This parameter corresponds to the 20 leftmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGI
Displayed name	macroEnbId (General)
Impact	Full reset (class A)
Maximum	20
Minimum	20
Type	String

Table 289-4 physicalLayerCellIdentityGroupIndex

Name	Value
Description	The physical layer cell identity group as specified by TS 36.211, Chapter 6.11 Synchronization signals.
Displayed name	physicalLayerCellIdentityGroupIndex (General)
Impact	Full reset (class A)
Maximum	167
Minimum	0
Type	Integer

Table 289-5 physicalLayerCellIdentityIndex

Name	Value
Description	The cell identity within the physical layer cell identity group as specified by TS 36.211, Chapter 6.11 Synchronization signals The two combined form the Physical Cell Id
Displayed name	physicalLayerCellIdentityIndex (General)
Impact	Full reset (class A)
Maximum	2
Minimum	0
Type	Integer

Table 289-6 plmnMobileCountryCode

Name	Value
Default	select
Description	Mobile Country Code (MCC) identifies uniquely the country in which the cell (and its PLMN) is located. The allocation of MCCs is administered by the ITU-T. See TS 23.003.
Displayed name	plmnMobileCountryCode (General)
Impact	Full reset (class A)
Type	MobileCountryCode

Table 289-7 plmnMobileNetworkCode

Name	Value
Default	00
Description	Mobile Network Code (MNC) identifies uniquely, within the country identified by the Mobile Country Code of the cell, the PLMN within which the cell is operating. The allocation of MNCs is administered by the applicable national numbering authority - which also determines the length of the MNC (two or three digits). See TS 23.003.
Displayed name	plmnMobileNetworkCode (General)
Impact	Full reset (class A)
Maximum	3
Minimum	2
Type	String

Table 289-8 relativeCellIdentity

Name	Value
Description	The relativeCellIdentity associated with the macroEnbId allows to uniquely identify a cell within E-UTRAN. This parameter corresponds to the 8 rightmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGI
Displayed name	relativeCellIdentity (General)
Impact	Full reset (class A)
Maximum	8
Minimum	8
Type	String

Table 289-9 trackingAreaCode

Name	Value
Description	This parameters identifies the Tracking Area Code to which belongs the cell Defined in TS 36.331
Displayed name	trackingAreaCode (General)
Impact	Full reset (class A)
Maximum	16
Minimum	16
Type	String

Table 289-10 x2AccessId

Name	Value
Description	This parameter refers to the instance of X2Access MO that represents the X2 interface link to the remote LTE cell.
Export	No
Impact	Full reset (class A)
Type	String

290 –ReportConfig

Table 290-1 ReportConfig parameters

Parameters	
id	reportConfigId

Table 290-2 id

Name	Value
Description	ReportConfig identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

Table 290-3 reportConfigId

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE reportConfigId in the MeasurementConfiguration IE
Displayed name	reportConfigId (General)
Impact	No reset (class C)

(1 of 2)

Name	Value
Maximum	32
Minimum	1
Type	Integer

(2 of 2)

291 –ReportConfigCDMA2000

Table 291-1 ReportConfigCDMA2000 parameters

Parameters	
hysteresis id maxReportCells reportAmount reportInterval	thresholdCdma2000 thresholdEutraRsrpB2 thresholdEutraRsrqB2 timeToTrigger triggerTypeInterRAT

Table 291-2 hysteresis

Name	Value
Description	This parameter configures the IE hysteresis included in the IE ReportConfigInterRAT in the MeasConfig IE. The actual value used by UE is (IE value)/2. See TS36.331.
Displayed name	hysteresis (General)
Impact	No reset (class C)
Maximum	15
Minimum	0
Step	0.5
Type	Floating point
Units	dB

Table 291-3 id

Name	Value
Description	ReportConfigCDMA2000 identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 291-4 maxReportCells

Name	Value
Default	2
Description	This parameter configures the IE maxReportCells included in the IE ReportConfigInterRAT in the MeasConfig IE. See TS36.331
Displayed name	maxReportCells (General)
Impact	No reset (class C)
Maximum	8
Minimum	1
Type	Integer

Table 291-5 reportAmount

Name	Value
Default	r4
Description	This parameter configures the IE reportAmount included in the IE ReportConfigInterRAT in the MeasConfig IE. See TS36.331
Displayed name	reportAmount (General)
Impact	No reset (class C)
Type	ReportAmountEnum

Table 291-6 reportInterval

Name	Value
Default	ms120
Description	This parameter configures the IE reportInterval included in the IE ReportConfigInterRAT in the MeasConfig IE. See TS36.331

(1 of 2)

Name	Value
Displayed name	reportInterval (General)
Impact	No reset (class C)
Type	ReportIntervalEnum

(2 of 2)

Table 291-7 thresholdCdma2000

Name	Value
Description	This parameter configures the IE Threshold-CDMA2000 included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB1 or eventB2. The B2/ B1 event thresholds for CDMA2000 are the CDMA2000 pilot detection thresholds and are expressed as an unsigned binary number equal to $[-2 \times 10 \log_{10} E_c/I_o]$ in units of 0.5dB, see C.S0005-A [25] for details. The actual value used by UE is IE / (-2). See TS36.331.
Displayed name	thresholdCdma2000 (General)
Impact	No reset (class C)
Maximum	0
Minimum	-31.5
Step	0.5
Type	Floating point
Units	dB

Table 291-8 thresholdEutraRsrpB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is IE value + 140 dBm. See TS 36.331.
Displayed name	thresholdEutraRsrpB2 (General)
Impact	No reset (class C)
Maximum	-43
Minimum	-140
Type	Integer
Units	dBm
Unset supported	Yes

Table 291-9 thresholdEutraRsrqB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRQ included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is (IE value - 40)/2 dB. See TS 36.331.
Displayed name	thresholdEutraRsrqB2 (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-20
Step	0.5
Type	Floating point
Units	dB
Unset supported	Yes

Table 291-10 timeToTrigger

Name	Value
Description	This parameter configures the IE TimeToTrigger included in the IE ReportConfigInterRAT in the MeasConfig IE. See TS36.331.
Displayed name	timeToTrigger (General)
Impact	No reset (class C)
Type	TimeToTriggerMeasIRATenum
Units	s

Table 291-11 triggerTypeInterRAT

Name	Value
Default	eventB2
Description	This parameter configures the IE triggerType included in the IE ReportConfigInterRAT in the IE MeasConfig. See TS36.331
Displayed name	triggerTypeInterRAT (General)
Impact	No reset (class C)
Type	TriggerTypeInterRATenum

292 –ReportConfigEUTRA

Table 292-1 ReportConfigEUTRA parameters

Parameters	
eventA3Offset	threshold2EutraRsrq
hysteresis	threshold2EutraRsrqUntil_V2_x
id	thresholdEutraRsrp
maxReportCells	thresholdEutraRsrpUntil_V2_x
reportAmount	thresholdEutraRsrq
reportInterval	thresholdEutraRsrqUntil_V2_x
reportQuantity	timeToTrigger
threshold2EutraRsrp	triggerQuantity
threshold2EutraRsrpUntil_V2_x	triggerTypeEUTRA

Table 292-2 eventA3Offset

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE a3-Offset included in the IE reportConfigEUTRA in the MeasurementConfiguration IE. This IE should be present if the parameter triggerTypeEUTRA is set to eventA3. Otherwise it should be absent. The value sent over the RRC interface is twice the value configured (the UE then divides the received value by 2)
Displayed name	eventA3Offset (General)
Impact	No reset (class C)
Maximum	30
Minimum	-30
Step	0.5

(1 of 2)

Name	Value
Type	Floating point
Units	dB
Unset supported	Yes

(2 of 2)

Table 292-3 hysteresis

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE hysteresis included in the IE reportConfigEUTRA in the MeasurementConfiguration IE The value sent over the RRC interface is twice the value configured (the UE then divides the received value by 2)
Displayed name	hysteresis (General)
Impact	No reset (class C)
Maximum	30
Minimum	0
Step	0.5
Type	Floating point
Units	dB

Table 292-4 id

Name	Value
Description	ReportConfigEUTRA identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 292-5 maxReportCells

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE maxReportCells included in the IE reportConfigEUTRA in the MeasurementConfiguration IE
Displayed name	maxReportCells (General)
Impact	No reset (class C)

(1 of 2)

Name	Value
Maximum	8
Minimum	1
Type	Integer

(2 of 2)

Table 292-6 reportAmount

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE reportAmount included in the IE reportConfigEUTRA in the MeasurementConfiguration IE
Displayed name	reportAmount (General)
Impact	No reset (class C)
Type	ReportAmountEnum

Table 292-7 reportInterval

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE reportInterval included in the IE reportConfigEUTRA in the MeasurementConfiguration IE
Displayed name	reportInterval (General)
Impact	No reset (class C)
Type	ReportIntervalEnum

Table 292-8 reportQuantity

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE reportQuantity included in the IE reportConfigEUTRA in the MeasurementConfiguration IE
Displayed name	reportQuantity (General)
Impact	No reset (class C)
Type	ReportQuantityEUTRAEnum

Table 292-9 threshold2EutraRsrp

Name	Value
Default	-140
Description	3GPP 36.331. This parameter configures the second threshold to be used for event A5 measurement reporting. It should be present if the parameter triggerTypeEUTRA is set to eventA5 and triggerQuantity is set to RSRP. Otherwise it should be absent.
Displayed name	threshold2EutraRsrp (General)
Impact	No reset (class C)
Maximum	-43
Minimum	-140
Type	Integer
Unset supported	Yes

Table 292-10 threshold2EutraRsrpUntil_V2_x

Name	Value
Description	3GPP 36.331. This parameter configures the second threshold to be used for event A5 measurement reporting. It should be present if the parameter triggerTypeEUTRA is set to eventA5 and triggerQuantity is set to RSRP. Otherwise it should be absent.
Displayed name	threshold2EutraRsrp (General)
Impact	No reset (class C)
Type	RSRPRangeEnum
Unset supported	Yes

Table 292-11 threshold2EutraRsrq

Name	Value
Default	-20
Description	3GPP 36.331. This parameter configures the second threshold to be used for event A5 measurement reporting. It should be present if the parameter triggerTypeEUTRA is set to eventA5 and triggerQuantity is set to RSRQ. Otherwise it should be absent.
Displayed name	threshold2EutraRsrq (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-20
Step	0.5

(1 of 2)

Name	Value
Type	Floating point
Unset supported	Yes

(2 of 2)

Table 292-12 threshold2EutraRsrqUntil_V2_x

Name	Value
Description	3GPP 36.331. This parameter configures the second threshold to be used for event A5 measurement reporting. It should be present if the parameter triggerTypeEUTRA is set to eventA5 and triggerQuantity is set to RSRQ. Otherwise it should be absent.
Displayed name	threshold2EutraRsrq (General)
Impact	No reset (class C)
Type	RSRQRangeEnum
Unset supported	Yes

Table 292-13 thresholdEutraRsrp

Name	Value
Default	-140
Description	3GPP 36.331. This parameter configures the RRC IE Threshold EUTRA RSRP included in the IE reportConfigEUTRA in the MeasurementConfiguration IE. This IE should be present if the parameter triggerTypeEUTRA is set to eventA1, eventA2, eventA4 or eventA5 and triggerQuantity is set to RSRP. Otherwise it should be absent.
Displayed name	thresholdEutraRsrp (General)
Impact	No reset (class C)
Maximum	-43
Minimum	-140
Type	Integer
Unset supported	Yes

Table 292-14 thresholdEutraRsrpUntil_V2_x

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE Threshold EUTRA RSRP included in the IE reportConfigEUTRA in the MeasurementConfiguration IE. This IE should be present if the parameter triggerTypeEUTRA is set to eventA1, eventA2, eventA4 or eventA5 and triggerQuantity is set to RSRP. Otherwise it should be absent.
Displayed name	thresholdEutraRsrp (General)
Impact	No reset (class C)

(1 of 2)

Name	Value
Type	RSRPRangeEnum
Unset supported	Yes

(2 of 2)

Table 292-15 thresholdEutraRsrq

Name	Value
Default	-20
Description	3GPP 36.331. This parameter configures the RRC IE Threshold EUTRA RSRQ included in the IE reportConfigEUTRA in the MeasurementConfiguration IE. This IE should be present if the parameter triggerTypeEUTRA is set to eventA1, eventA2, eventA4 or eventA5 and triggerQuantity is set to RSRQ. Otherwise it should be absent.
Displayed name	thresholdEutraRsrq (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-20
Step	0.5
Type	Floating point
Unset supported	Yes

Table 292-16 thresholdEutraRsrqUntil_V2_x

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE Threshold EUTRA RSRQ included in the IE reportConfigEUTRA in the MeasurementConfiguration IE. This IE should be present if the parameter triggerTypeEUTRA is set to eventA1, eventA2, eventA4 or eventA5 and triggerQuantity is set to RSRQ. Otherwise it should be absent.
Displayed name	thresholdEutraRsrq (General)
Impact	No reset (class C)
Type	RSRQRangeEnum
Unset supported	Yes

Table 292-17 timeToTrigger

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE TimeToTrigger included in the IE reportConfigEUTRA in the MeasurementConfiguration IE
Displayed name	timeToTrigger (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	TimeToTriggerMeasEUTRAEnum
Units	s

(2 of 2)

Table 292-18 triggerQuantity

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE triggerQuantity included in the IE reportConfigEUTRA in the MeasurementConfiguration IE
Displayed name	triggerQuantity (General)
Impact	No reset (class C)
Type	TriggerQuantityEUTRAEnum

Table 292-19 triggerTypeEUTRA

Name	Value
Description	This parameter configures the RRC IE triggerType included in the IE reportConfigEUTRA in the MeasurementConfiguration IE
Displayed name	triggerTypeEUTRA (General)
Impact	No reset (class C)
Type	TriggerTypeEUTRAEnum

293 –ReportConfigGERAN

Table 293-1 ReportConfigGERAN parameters

Parameters	
b2ThresholdGERAN	threshold1EutraRsrq
b2ThresholdGERANUntil_V2	threshold1EutraRsrqUntil_V2
hysteresis	thresholdEutraRsrpB1B2
id	thresholdEutraRsrpB2
maxReportCells	thresholdEutraRsrqB1B2
reportAmount	thresholdEutraRsrqB2
reportInterval	thresholdGeran
threshold1EutraRsrp	timeToTrigger
threshold1EutraRsrpUntil_V2	triggerTypeInterRAT

Table 293-2 b2ThresholdGERAN

Name	Value
Description	This is the threshold GERAN defined for event B2. This is used to provision IE b2-Threshold2GERAN in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	B2ThresholdGERAN (General)
Impact	No reset (class C)
Maximum	-47
Minimum	-110
Step	1

(1 of 2)

Name	Value
Type	Floating point
Units	dBm

(2 of 2)

Table 293-3 b2ThresholdGERANUntil_V2

Name	Value
Description	This is the threshold GERAN defined for event B2. This is used to provision IE b2-Threshold2GERAN in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	B2ThresholdGERAN (General)
Impact	No reset (class C)
Type	B2ThresholdGERANEnum
Units	dBm

Table 293-4 hysteresis

Name	Value
Description	This IE is a parameter used within the entry and leave condition of an event triggered reporting condition This is used to provision IE Hysteresis in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	hysteresis (General)
Impact	No reset (class C)
Maximum	15
Minimum	0
Step	0.5
Type	Floating point
Units	dB

Table 293-5 id

Name	Value
Description	ReportConfigGERAN identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 293-6 maxReportCells

Name	Value
Description	This IE indicates max number of cells, excluding the serving cell, to include in the measurement report. This is used to provision IE MaxReportCells in IE ReportConfigInterRAT, in IE MeasConfig.
Displayed name	maxReportCells (General)
Impact	No reset (class C)
Maximum	8
Minimum	1
Type	Integer

Table 293-7 reportAmount

Name	Value
Description	This indicates the Number of measurement reports. This is used to provision IE ReportAmount in IE ReportConfigInterRAT, in IE MeasConfig.
Displayed name	reportAmount (General)
Impact	No reset (class C)
Type	ReportAmountEnum

Table 293-8 reportInterval

Name	Value
Description	The ReportInterval indicates the interval between periodical reports. This is used to provision IE ReportInterval in IE ReportConfigInterRAT, in IE MeasConfig.
Displayed name	reportInterval (General)
Impact	No reset (class C)
Type	ReportIntervalEnum

Table 293-9 threshold1EutraRsrp

Name	Value
Description	This is used to provision IE b2-Threshold1 in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	threshold1EutraRsrp (General)
Impact	No reset (class C)
Maximum	-43
Minimum	-140

(1 of 2)

Name	Value
Type	Floating point
Unset supported	Yes

(2 of 2)

Table 293-10 threshold1EutraRsrpUntil_V2

Name	Value
Description	This is used to provision IE b2-Threshold1 in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	threshold1EutraRsrp (General)
Impact	No reset (class C)
Type	RSRPRangeEnum
Unset supported	Yes

Table 293-11 threshold1EutraRsrq

Name	Value
Description	This is used to provision IE b2-Threshold1 in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	threshold1EutraRsrq (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-20
Step	0.5
Type	Floating point
Unset supported	Yes

Table 293-12 threshold1EutraRsrqUntil_V2

Name	Value
Description	This is used to provision IE b2-Threshold1 in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	threshold1EutraRsrq2 (General)
Impact	No reset (class C)
Type	RSRQRangeEnum
Unset supported	Yes

Table 293-13 thresholdEutraRsrpB1B2

Name	Value
Description	TS36.331: This parameter configures the IE Threshold EUTRA RSRP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB1 or eventB2. The actual value is IE value \hat{a} 140 dBm.
Displayed name	Threshold EUTRAN RSRP B1 B2 (General)
Impact	No reset (class C)
Maximum	-43
Minimum	-140
Type	Floating point
Units	dBm
Unset supported	Yes

Table 293-14 thresholdEutraRsrpB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is IE value \hat{a} 140 dBm. See TS 36.331.
Displayed name	thresholdEutraRsrpB2 (General)
Impact	No reset (class C)
Maximum	-43
Minimum	-140
Type	Integer
Units	dBm
Unset supported	Yes

Table 293-15 thresholdEutraRsrqB1B2

Name	Value
Description	TS36.331: This parameter configures the IE Threshold EUTRA RSRQ included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB1 or eventB2. The actual value is (IE value \hat{a} 40)/2 dB.
Displayed name	Threshold EUTRAN RSRQ B1 B2 (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-20

(1 of 2)

Name	Value
Type	Floating point
Units	dB
Unset supported	Yes

(2 of 2)

Table 293-16 thresholdEutraRsrqB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRQ included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is (IE value \hat{a} 40)/2 dB. See TS 36.331.
Displayed name	thresholdEutraRsrqB2 (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-20
Step	0.5
Type	Floating point
Units	dB
Unset supported	Yes

Table 293-17 thresholdGeran

Name	Value
Description	This is the threshold GERAN defined for event B2 or event B1. This IE can be present only if the parameter triggerTypeInterRAT is set to eventB1 or eventB2. This is used to provision IE b2-Threshold2GERAN or b1 counterpart in IE ReportConfigInterRAT, in IE MeasConfig. The actual value is IE value \hat{a} 110 dBm.
Displayed name	thresholdGeran (General)
Impact	No reset (class C)
Maximum	-47
Minimum	-110
Type	Integer
Units	dBm

Table 293-18 timeToTrigger

Name	Value
Description	This IE indicates the time during which specific criteria for the event needs to be met in order to trigger a measurement report. This is used to provision IE TimeToTrigger in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	timeToTrigger (General)
Impact	No reset (class C)
Type	TimeToTriggerMeasGERANEnum
Units	s

Table 293-19 triggerTypeInterRAT

Name	Value
Description	This parameter configures the RRC IE triggerType included in the IE reportConfigInterRAT in the MeasurementConfiguration IE
Displayed name	triggerTypeInterRAT (General)
Impact	No reset (class C)
Type	TriggerTypeInterRATEnum

294 –ReportConfigUTRA

Table 294-1 ReportConfigUTRA parameters

Parameters	
hysteresis	threshold2UtraRscpUntil_V2
id	thresholdEutraRsrpB1B2
maxReportCells	thresholdEutraRsrpB2
reportAmount	thresholdEutraRsrqB1B2
reportInterval	thresholdEutraRsrqB2
threshold1EutraRsrp	thresholdUtraEcN0
threshold1EutraRsrq	thresholdUtraRscp
threshold2UtraEcN0	timeToTrigger
threshold2UtraEcN0Until_V2	triggerTypeInterRAT
threshold2UtraRscp	

Table 294-2 hysteresis

Name	Value
Description	TS36.331: This parameter configures the IE hysteresis included in the IE ReportConfigInterRAT in the MeasConfig IE
Displayed name	hysteresis (General)
Impact	No reset (class C)
Maximum	15
Minimum	0
Step	0.5
Type	Floating point

Table 294-3 id

Name	Value
Description	ReportConfigUTRA identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 294-4 maxReportCells

Name	Value
Description	TS36.331: This parameter configures the IE maxReportCells included in the IE ReportConfigInterRAT in the MeasConfig IE
Displayed name	maxReportCells (General)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	Integer

Table 294-5 reportAmount

Name	Value
Description	TS36.331: This parameter configures the IE reportAmount included in the IE ReportConfigInterRAT in the MeasConfig IE
Displayed name	reportAmount (General)
Impact	No reset (class C)
Type	AmountOfReportingUtraEnum

Table 294-6 reportInterval

Name	Value
Description	TS36.331: This parameter configures the IE reportInterval included in the IE ReportConfigInterRAT in the MeasConfig IE
Displayed name	reportInterval (General)
Impact	No reset (class C)
Type	ReportIntervalUtraEnum

Table 294-7 threshold1EutraRsrp

Name	Value
Description	TS36.331: This parameter configures the IE Threshold EUTRA RSRP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. Otherwise it should be absent.
Displayed name	threshold1EutraRsrp (General)
Impact	No reset (class C)
Maximum	97
Minimum	-140
Type	Integer
Unset supported	Yes

Table 294-8 threshold1EutraRsrq

Name	Value
Description	TS36.331: This parameter configures the IE Threshold EUTRA RSRQ included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. Otherwise it should be absent.
Displayed name	threshold1EutraRsrq (General)
Impact	No reset (class C)
Maximum	34
Minimum	-20
Step	0.5
Type	Floating point
Unset supported	Yes

Table 294-9 threshold2UtraEcN0

Name	Value
Description	TS36.331: This parameter configures the IE utra- EcN0 included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE can be present only if the parameter triggerTypeInterRAT is set to eventB2 and the measurement report is for UTRA-FDD.
Displayed name	threshold2UtraEcN0 (General)
Impact	No reset (class C)
Maximum	0
Minimum	-24.5
Step	0.5
Type	Floating point

(1 of 2)

Name	Value
Units	dB
Unset supported	Yes

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Table 294-10 threshold2UtraEcN0Until_V2

Name	Value
Description	TS36.331: This parameter configures the IE utra- EcN0 included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE can be present only if the parameter triggerTypeInterRAT is set to eventB2 and the measurement report is for UTRA-FDD.
Displayed name	threshold2UtraEcN0 (General)
Impact	No reset (class C)
Type	Threshold2UtraEcN0Enum
Units	dB
Unset supported	Yes

Table 294-11 threshold2UtraRscp

Name	Value
Description	TS36.331: This parameter configures the IE utra-RSCP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. Otherwise it should be absent.
Displayed name	threshold2UtraRscp (General)
Impact	No reset (class C)
Maximum	-24
Minimum	-120
Type	Floating point
Units	dBm
Unset supported	Yes

Table 294-12 threshold2UtraRscpUntil_V2

Name	Value
Description	TS36.331: This parameter configures the IE utra-RSCP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. Otherwise it should be absent.
Displayed name	threshold2UtraRscp (General)
Impact	No reset (class C)

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Name	Value
Type	Threshold2UtraRscpEnum
Units	dBm
Unset supported	Yes

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Table 294-13 thresholdEutraRsrpB1B2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB1 or eventB2. However, the provisioned parameter value is the IE value minus 140, in dBm. See TS 36.331.
Displayed name	Threshold EUTRAN RSRP B1 B2 (General)
Impact	No reset (class C)
Maximum	-43
Minimum	-140
Type	Floating point
Units	dBm
Unset supported	Yes

Table 294-14 thresholdEutraRsrpB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is IE value â 140 dBm. See TS 36.331.
Displayed name	thresholdEutraRsrpB2 (General)
Impact	No reset (class C)
Maximum	-43
Minimum	-140
Type	Integer
Units	dBm
Unset supported	Yes

Table 294-15 thresholdEutraRsrqB1B2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRQ included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB1 or eventB2. However, the provisioned parameter value is (IE value \hat{a} 40)/2 in dB. See TS 36.331.
Displayed name	Threshold EUTRAN RSRQ B1 B2 (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-20
Type	Floating point
Units	dB
Unset supported	Yes

Table 294-16 thresholdEutraRsrqB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRQ included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is (IE value \hat{a} 40)/2 dB. See TS 36.331.
Displayed name	thresholdEutraRsrqB2 (General)
Impact	No reset (class C)
Maximum	-3
Minimum	-20
Step	0.5
Type	Floating point
Units	dB
Unset supported	Yes

Table 294-17 thresholdUtraEcN0

Name	Value
Description	This parameter configures the IE utra- EcN0 included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE can be present only if the parameter triggerTypeInterRAT is set to eventB1 or eventB2 and the measurement report is for UTRA-FDD. However, the provisioned parameter value is (IE value \hat{a} 49)/2 in dB. See TS 36.331.
Displayed name	thresholdUtraEcN0 (General)
Impact	No reset (class C)

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Name	Value
Maximum	0
Minimum	-24.5
Step	0.5
Type	Floating point
Units	dB
Unset supported	Yes

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Table 294-18 thresholdUtraRscp

Name	Value
Description	This parameter configures the IE ultra-RSCP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB1 or eventB2. However, the provisioned parameter value is IE value minus 115 in dBm. See TS 36.331.
Displayed name	thresholdUtraRscp (General)
Impact	No reset (class C)
Maximum	-24
Minimum	-120
Type	Integer
Units	dBm
Unset supported	Yes

Table 294-19 timeToTrigger

Name	Value
Description	TS36.331: This parameter configures the IE TimeToTrigger included in the IE ReportConfigInterRAT in the MeasConfig IE
Displayed name	timeToTrigger (General)
Impact	No reset (class C)
Type	TimeToTriggerMeasUtraEnum
Units	s

Table 294-20 triggerTypeInterRAT

Name	Value
Description	TS36.331: This parameter configures the IE triggerType included in the IE ReportConfigInterRAT in the IE MeasConfig
Displayed name	triggerTypeInterRAT (General)
Impact	No reset (class C)
Type	TriggerTypeInterRATEnum

295 –RET

Table 295-1 RET parameters

Parameters	
retAldAntennaModelNumber retAntennaCalibrate retAntennaConfigFile retAntennaTilt retAssociatedRfmFriendlyName	retLogicalNumber retMechanicalTilt retSelfTest retSoftwareFileName

Table 295-2 retAldAntennaModelNumber

Name	Value
Description	This ALD's antenna model number.
Displayed name	ALD's hardware version (General)
Mandatory on creation	Yes
Type	String

Table 295-3 retAntennaCalibrate

Name	Value
Description	Large Tilt scan calibration procedure may be triggered by setting this object to true.
Displayed name	Antenna Calibrate (General)

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Name	Value
Mandatory on creation	Yes
Type	RetAntennaCalibrateEnum

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Table 295-4 retAntennaConfigFile

Name	Value
Description	ASCII file name for the RET antenna configuration data.
Displayed name	RET Antenna Config File (General)
Mandatory on creation	Yes
Maximum	255
Minimum	0
Type	String

Table 295-5 retAntennaTilt

Name	Value
Description	> Composite electrical and mechanical tilt in units of 0.1 degree.
Displayed name	Antenna Tilt (General)
Maximum	900
Minimum	-900
Type	Long integer

Table 295-6 retAssociatedRfmFriendlyName

Name	Value
Description	A user-friendly description of the RFM that is controlled by this ALD in Daisy Chaining mode.
Displayed name	user-friendly RFM description (General)
Mandatory on creation	Yes
Type	String

Table 295-7 retLogicalNumber

Name	Value
Description	User friendly simple logical identifier assigned for the RET.
Displayed name	Logical Number (General)
Mandatory on creation	Yes
Maximum	6
Minimum	1
Type	Long integer

Table 295-8 retMechanicalTilt

Name	Value
Description	User provided mechanical tilt in units of 0.1 degree.
Displayed name	Mechanical Tilt (General)
Mandatory on creation	Yes
Maximum	900
Minimum	-900
Type	Long integer

Table 295-9 retSelfTest

Name	Value
Description	Small tilt test procedure may be triggered by setting this object to true.
Displayed name	Self Test (General)
Mandatory on creation	Yes
Type	RetSelfTestEnum

Table 295-10 retSoftwareFileName

Name	Value
Description	Operator-provided NEM path and filename for the image to be loaded onto the ALD.
Displayed name	Software file name (General)
Mandatory on creation	Yes
Type	String

296 –RetSubUnit

Table 296-1 RetSubUnit parameters

Parameters	
retActuatorNumber retAldRitNumber	retAntennaTilt

Table 296-2 retActuatorNumber

Name	Value
Description	Number of the Actuator subunit associated with this RET unit
Displayed name	ID (General)
Mandatory on creation	Yes
Maximum	6
Minimum	1
Type	Long integer

Table 296-3 retAldRitNumber

Name	Value
Description	Unique identifier for a Remote Electrical Tilt (RET) type antenna line device within an eNB. Index of the retAldTable. Definition is derived from ritNumber of host RFM combined with respective ALD AISG2.0 unit number representing a physical (HDLC) address.
Mandatory on creation	Yes
Maximum	2147483647
Minimum	1
Type	Long integer

Table 296-4 retAntennaTilt

Name	Value
Description	Composite electrical and mechanical tilt in units of 0.1 degree.
Displayed name	(General)
Maximum	900
Minimum	-900
Type	Integer

297 –RfReferencePoint

Table 297-1 RfReferencePoint parameters

Parameters	
acctIntmInterval	ocFileClsLifeTime
acctLevel	ocFileClsMaxAcrs
applTxTimer	ocFileExtension
chargingGroupIDEnabled	ocFileObsoleteTime
nodeId	ocFilePrivateInfo
ocCf1Limit	ocPrimaryCf
ocCf2Limit	operatorString
ocFileClosureSize	retryCount

Table 297-2 acctIntmInterval

Name	Value
Default	1800
Displayed name	Accounting Interim Interval (General)
Maximum	86400
Minimum	1
Type	Long integer
Units	s

Table 297-3 acctLevel

Name	Value
Default	qcilevel
Displayed name	Accounting Level (General)
Type	RfAccLevel

Table 297-4 applTxTimer

Name	Value
Default	5
Displayed name	Application Transaction Timer (General)
Maximum	30
Minimum	1
Type	Integer
Units	s

Table 297-5 chargingGroupIDEnabled

Name	Value
Default	False
Displayed name	Inclusion of Charging-Group-ID AVP in ACR (General)
Type	Boolean

Table 297-6 nodeId

Name	Value
Default	No default
Displayed name	Node ID (General)
Maximum	20
Minimum	0
Type	String

Table 297-7 ocCf1Limit

Name	Value
Default	0
Displayed name	Configuration File Limit (Outage)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Mbps

Table 297-8 ocCf2Limit

Name	Value
Default	0
Displayed name	Configuration File Limit (Outage)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Mbps

Table 297-9 ocFileClosureSize

Name	Value
Default	5
Displayed name	Size Limit Before File Closure (Outage)
Maximum	100
Minimum	1
Type	Integer
Units	Mbps

Table 297-10 ocFileClsLifeTime

Name	Value
Default	1
Displayed name	Duration before File Closure (Outage)
Maximum	24

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Name	Value
Minimum	1
Type	Integer
Units	hours

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Table 297-11 ocFileClsMaxAcrs

Name	Value
Default	5000
Displayed name	Limit for the number of ACRs (Outage)
Maximum	75000
Minimum	100
Type	Integer

Table 297-12 ocFileExtension

Name	Value
Default	No default
Displayed name	File Extension (Outage)
Maximum	8
Minimum	0
Type	String

Table 297-13 ocFileObsoleteTime

Name	Value
Default	No default
Displayed name	Duration before File Deletion (Outage)
Maximum	31
Minimum	1
Type	Integer
Units	days

Table 297-14 ocFilePrivateInfo

Name	Value
Default	No default
Displayed name	Private Info (Outage)
Maximum	32
Minimum	0
Type	String

Table 297-15 ocPrimaryCf

Name	Value
Default	cf1
Displayed name	Primary Compact Flash (Outage)
Type	Integer

Table 297-16 operatorString

Name	Value
Default	No default
Displayed name	Operator-string AVP of an ACR Message (General)
Maximum	32
Minimum	0
Type	String

Table 297-17 retryCount

Name	Value
Default	3
Displayed name	Retry Count for ACR Messages (General)
Maximum	8
Minimum	1
Type	Long integer
Units	s

298 –RlcAmConf

Table 298-1 RlcAmConf parameters

Parameters	
id	pollTriggerTpollRetransmitDownlink
maxDownlinkBufferSize	timerStatusProhibitDownlink
maxRetxThresholddownlink	timerStatusProhibitUplink
maxRetxThresholdUplink	timerTpollRetransmitDownlink
pollByteDownlink	timerTpollRetransmitUplink
pollByteUplink	timerTreorderingDownlink
pollPDUDownlink	timerTreorderingUplink
pollPDUUplink	unansweredDownlinkPollCountMax

Table 298-2 id

Name	Value
Description	RlcAmConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 298-3 maxDownlinkBufferSize

Name	Value
Default	256
Description	Max amount of data in byte occupied by the buffer(s) of the DL RLC entity. Applies to both AM and UM cases. eNodeB internal.
Displayed name	maxDownlinkBufferSize (General)
Impact	Full reset (class A)
Maximum	256
Minimum	1
Type	Integer
Units	Kbytes

Table 298-4 maxRetxThresholddownlink

Name	Value
Default	t32
Description	Max number of downlink ARQ retransmission allowed. When the counter of a PDU exceeds this threshold RLC considers that RLC re-establishment is required and CallP is notified, as per TS 36.322.
Displayed name	maxRetxThresholddownlink (General)
Impact	No reset (class C)
Type	MaxRetxThresholdEnum
Units	reTx

Table 298-5 maxRetxThresholdUplink

Name	Value
Default	t32
Description	Max number of UL ARQ retransmission allowed on the UL. When the reTxcounter of a PDU exceeds this threshold RLC the UE triggers a request for RLC re-establishment procedure, as per TS 36.322.
Displayed name	maxRetxThresholdUplink (General)
Impact	No reset (class C)
Type	MaxRetxThresholdEnum
Units	reTx

Table 298-6 pollByteDownlink

Name	Value
Default	kbinfinity
Description	Downlink value of Poll_Byte parameter as per 36.322. This parameter represents the interval between pollings in terms of number of transmitted bytes.
Displayed name	PollByteDownlink (General)
Impact	No reset (class C)
Type	PollByteEnum
Units	Kbytes

Table 298-7 pollByteUplink

Name	Value
Default	kbinfinity
Description	Uplink value of Poll_Byte parameter as per 36.322. This parameter represents the interval between pollings in terms of number of transmitted bytes. Note that in the uplink this function cannot be disabled in the UE, as per 3GPP.
Displayed name	PollByteUplink (General)
Impact	No reset (class C)
Type	PollByteEnum
Units	Kbytes

Table 298-8 pollPDUDownlink

Name	Value
Default	p32
Description	Downlink value of Poll_PDU parameter as per 36.322. This parameter represents the interval between pollings, in PDU. RLC AM specific
Displayed name	pollPDUDownlink (General)
Impact	No reset (class C)
Type	PollPDUEnum
Units	pdu

Table 298-9 pollPDUpLink

Name	Value
Default	p32
Description	Downlink value of Poll_PDU parameter as per 36.322. This parameter represents the interval between pollings, in PDU. RLC AM specific
Displayed name	pollPDUpLink (General)
Impact	No reset (class C)
Type	PollPDUEnum
Units	pdu

Table 298-10 pollTriggerTpollRetransmitDownlink

Name	Value
Default	True
Description	Downlink activation flag for poll trigger upon expiration of timer T_poll_retransmit. RLC AM specific
Displayed name	pollTriggerTpollRetransmitDownlink (General)
Impact	No reset (class C)
Type	Boolean

Table 298-11 timerStatusProhibitDownlink

Name	Value
Default	ms10
Description	Downlink value of timer T_status_prohibit. This timer is used to prohibit the receiving side of an AM RLC entity from sending consecutive acknowledgement status reports. RLC AM specific
Displayed name	timerStatusProhibitDownlink (General)
Impact	No reset (class C)
Type	TimerStatusProhibitEnum
Units	ms

Table 298-12 timerStatusProhibitUplink

Name	Value
Default	ms10
Description	Uplink value of timer T_status_prohibit. This timer is used to prohibit the receiving side of an AM RLC entity from sending consecutive acknowledgement status reports. RLC AM specific
Displayed name	timerStatusProhibitUplink (General)
Impact	No reset (class C)
Type	TimerStatusProhibitEnum
Units	ms

Table 298-13 timerTpollRetransmitDownlink

Name	Value
Default	ms60
Description	Downlink value of timer T_poll_retransmit as per 36.322. RLC AM specific
Displayed name	timerTpollRetransmitDownlink (General)
Impact	No reset (class C)
Type	TimerTpollRetransmitEnum
Units	ms

Table 298-14 timerTpollRetransmitUplink

Name	Value
Default	ms60
Description	Uplink value of timer T_poll_retransmit as per 36.322. RLC AM specific
Displayed name	timerTpollRetransmitUplink (General)
Impact	No reset (class C)
Type	TimerTpollRetransmitEnum
Units	ms

Table 298-15 timerTreorderingDownlink

Name	Value
Default	ms45
Description	Downlink value of timer Timer_Reordering as per 36.322. This timer is used by the receiving side of an AM RLC entity and an UM RLC entity for HARQ reordering.

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Name	Value
Displayed name	timerTreorderingDownlink (General)
Impact	No reset (class C)
Type	TimerTreorderingEnum
Units	ms

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Table 298-16 timerTreorderingUplink

Name	Value
Default	ms45
Description	Uplink value of timer Timer_Reordering as per 36.322. This timer is used by the receiving side of an AM RLC entity and an UM RLC entity for HARQ reordering.
Displayed name	timerTreorderingUplink (General)
Impact	No reset (class C)
Type	TimerTreorderingEnum
Units	ms

Table 298-17 unansweredDownlinkPollCountMax

Name	Value
Default	63
Description	Max number of consecutive unanswered DL poll allowed. When the counter PDU exceeds this threshold RLC considers that RLC re-establishment is required and CallP is notified
Displayed name	unansweredDownlinkPollCountMax (General)
Impact	No reset (class C)
Maximum	63
Minimum	1
Type	Integer

299 –RlcConf

Table 299-1 id

Name	Value
Description	RlcConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

300 –RlcUmConf

Table 300-1 RlcUmConf parameters

Parameters	
id maxDownlinkBufferSize snfieldLengthDownlink	snfieldLengthUplink timerTreorderingDownlink timerTreorderingUplink

Table 300-2 id

Name	Value
Description	RlcUmConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 300-3 maxDownlinkBufferSize

Name	Value
Default	256
Description	Max amount of data in byte occupied by the buffer(s) of the UM DL RLC entity. eNodeB internal.
Displayed name	maxDownlinkBufferSize (General)
Impact	Full reset (class A)
Maximum	256
Minimum	1
Type	Integer
Units	Kbytes

Table 300-4 sNfieldLengthDownlink

Name	Value
Default	size10
Description	Downlink value of SN field size parametert as per 36.322. RLC UM specific
Displayed name	sNfieldLengthDownlink (General)
Impact	No reset (class C)
Type	RLCumSNfieldLengthEnum
Units	bits

Table 300-5 sNfieldLengthUplink

Name	Value
Default	size10
Description	Uplink value of SN field size parametert as per 36.322. RLC UM specific
Displayed name	sNfieldLengthUplink (General)
Impact	No reset (class C)
Type	RLCumSNfieldLengthEnum
Units	bits

Table 300-6 timerTreorderingDownlink

Name	Value
Default	ms45
Description	Value of Downlink UM timer T_reordering as per 36.322
Displayed name	timerTreorderingDownlink (General)
Impact	No reset (class C)
Type	TimerTreorderingEnum
Units	ms

Table 300-7 timerTreorderingUplink

Name	Value
Default	ms45
Description	Value of Uplink UM timer T_reordering as per 36.322
Displayed name	timerTreorderingUplink (General)
Impact	No reset (class C)
Type	TimerTreorderingEnum
Units	ms

301 –RncAccess

Table 301-1 RncAccess parameters

Parameters	
directFwdPathAvailability	psHandoverUtraFddEnabled
extendedRncId	psHoToUtraFddTimersConfId
id	psHoToUtraTimersConfId
noRemove	rdnId
plmnMobileCountryCode	rimForUtraSiEnabled
plmnMobileNetworkCode	rncId
psHandoverUtraEnabled	utraSiTimersConfId

Table 301-2 directFwdPathAvailability

Name	Value
Description	Flag to indicate whether or not a direct data forwarding path is available with the target RNC. True indicates that a direct path is available.
Displayed name	directFwdPathAvailability (General)
Impact	No reset (class C)
Type	Boolean

Table 301-3 extendedRncId

Name	Value
Description	TS36.413: Extended RNC-ID is an INTEGER (4096..65535), used to identify an RNC and used if the RNC identity has a value larger than 4095. Target ID: it identifies the target for the handover. The target ID is the RNC-ID for SAE/LTE-UMTS handover as selected by the ENB. The Target ID when set to Target RNC-ID includes Extended RNC-ID
Displayed name	extendedRncId (General)
Impact	No reset (class C)
Maximum	65535
Minimum	4096
Type	Integer
Unset supported	Yes

Table 301-4 id

Name	Value
Description	user friendly RncAccess name, for operator use, but also part of eNodeB MIM, for use in PM reporting. Note min is changed to 1 to force the Operator to give well-defined value
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 301-5 noRemove

Name	Value
Description	This parameter allows or forbids the deletion of the RNC access by the eNodeB.
Displayed name	NoRemove (General)
Impact	No reset (class C)
Type	Boolean

Table 301-6 plmnMobileCountryCode

Name	Value
Default	select
Description	A Public Land Mobile Network is uniquely identified by its PLMN identifier. PLMN-Id consists of Mobile Country Code (MCC) and Mobile Network Code (MNC). PLMN-Id = MCC MNC Refer to TS 23.003 MCC(36.331): SEQUENCE (SIZE (3)) OF INTEGER (0..9), The first element contains the first MCC digit, the second element the second MCC digit and so on
Displayed name	plmnMobileCountryCode (General)
Maximum	3
Minimum	3
Type	MobileCountryCode

Table 301-7 plmnMobileNetworkCode

Name	Value
Default	00
Description	A Public Land Mobile Network is uniquely identified by its PLMN identifier. PLMN-Id consists of Mobile Country Code (MCC) and Mobile Network Code (MNC). PLMN-Id = MCC MNC Refer to TS 23.003 MNC(36.331): SEQUENCE (SIZE (2..3)) OF INTEGER (0..9), The first element contains the first MNC digit, the second element the second MNC digit and so on
Displayed name	plmnMobileNetworkCode (General)
Maximum	3
Minimum	2
Type	String

Table 301-8 psHandoverUtraEnabled

Name	Value
Description	Flag to indicate whether or not the neighbour RNC is able to support the PS handover from eUTRAN to UTRAN. True indicates that the neighbour RNC is capable to support the PS handover from eUTRAN to UTRAN.
Displayed name	psHandoverUtraEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 301-9 psHandoverUtraFddEnabled

Name	Value
Description	Flag to indicate whether or not the neighbour RNC is able to support the PS handover from eUTRAN to UTRAN. True indicates that the neighbour RNC is capable to support the PS handover from eUTRAN to UTRAN.
Displayed name	psHandoverUtraFddEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 301-10 psHoToUtraFddTimersConfId

Name	Value
Description	This parameter refers to the instance of PsHoToUtraFddTimersConf MO that must be considered for the ENB that is represented by this instance of RncAccess MO
Export	No
Impact	No reset (class C)
Type	String

Table 301-11 psHoToUtraTimersConfId

Name	Value
Description	This parameter refers to the instance of PsHoToUtraTimersConf MO that must be considered for the ENB that is represented by this instance of RncAccess MO
Export	No
Impact	No reset (class C)
Type	String

Table 301-12 rdnId

Name	Value
Description	Id (rdn) attribute, identifying the RncAccess object instance.
Displayed name	rdnId (General)
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

Table 301-13 rimForUtraSiEnabled

Name	Value
Default	False
Description	This parameter indicates whether the RIM for UTRAN SI feature is supported by the RNC or not.
Displayed name	rimForUtraSiEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 301-14 rncId

Name	Value
Description	TS36.413: RNC-ID is an INTEGER (0..4095) and if the Extended RNC-ID IE is included in the Target ID IE, the RNC-ID IE shall be ignored Target ID: it identifies the target for the handover. The target ID is the RNC-ID for SAE/LTE-UMTS handover as selected by the ENB. The Target ID when set to Target RNC-ID includes RNC-ID
Displayed name	rncId (General)
Maximum	4095
Minimum	0
Type	Integer
Unset supported	Yes

Table 301-15 utraSiTimersConfId

Name	Value
Description	This parameter is an association parameter and is also called indirection or pointer parameter. This parameter refers to the instance of the UtraSiTimersConf MO that must be considered to retrieve all the timers required for UTRAN System Information RIM Exchange to UTRAN.
Impact	No reset (class C)
Type	String

302 –RohcConf

Table 302-1 RohcConf parameters

Parameters	
id rohcFoRepeat rohcIrLimit rohcIrRepeat rohcPreferredMode rohcRtpTimestampBasedCompression rohcSlidingWindowSize	rohcSoLimit rohcStandaloneFeedbackTimeout rohcStateControlK1 rohcStateControlK2 rohcStateControlN1 rohcStateControlN2

Table 302-2 id

Name	Value
Description	RohcConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 302-3 rohcFoRepeat

Name	Value
Default	5
Description	This is a parameter for the compressor in U-mode only. It specifies the maximum number of compressed packets to send in FO state in U-mode, before moving to SO state.
Displayed name	rohcFoRepeat (General)
Impact	No reset (class C)
Maximum	50
Minimum	1
Type	Integer

Table 302-4 rohclrlimit

Name	Value
Default	100
Description	This is a parameter for the compressor in U-mode only. It specifies the maximum number of non-IR packets to send in U-mode. After these number of non-IR packets, the compressor shall move back to IR state.
Displayed name	rohclrlimit (General)
Impact	No reset (class C)
Maximum	5000
Minimum	0
Step	10
Type	Integer

Table 302-5 rohclrRepeat

Name	Value
Default	5
Description	This is a parameter for the compressor in U-mode only. It specifies the maximum number of IR packets to send (in IR state) after entering the U-mode. After these number of IR packets, the compressor shall move to higher states.
Displayed name	rohclrRepeat (General)
Impact	No reset (class C)
Maximum	50
Minimum	1
Type	Integer

Table 302-6 rohcPreferredMode

Name	Value
Default	O_mode
Description	This is a parameter for the decompressor only. It sets the preferred mode that the decompressor wishes to stay, choosing from U-Mode, O-Mode or R-Mode.
Displayed name	rohcPreferredMode (General)
Impact	No reset (class C)
Type	RohcPreferredModeEnum

Table 302-7 rohcRtpTimestampBasedCompression

Name	Value
Default	False
Description	A Boolean parameter for the compressor only. True means the RTP timestamp based compression is enabled. This is specified in RFC3095 as one of the RTP compression algorithms. False means it is disabled.
Displayed name	rohcRtpTimestampBasedCompression (General)
Impact	No reset (class C)
Type	Boolean

Table 302-8 rohcSlidingWindowSize

Name	Value
Default	256
Description	This parameter sets the sliding window size, in terms of number of packets, for the compressor for the window based LSB encoding of compressable fields. The mechanism is specified in RFC3095.
Displayed name	rohcSlidingWindowSize (General)
Impact	No reset (class C)
Maximum	2048
Minimum	4
Step	4
Type	Integer

Table 302-9 rohcSoLimit

Name	Value
Default	200
Description	This is a parameter for the compressor in U-mode only. It specifies the maximum number of compressed packets to send in SO state. After these number of packets, the compressor shall move down to FO state.
Displayed name	rohcSoLimit (General)
Impact	No reset (class C)
Maximum	5000
Minimum	0
Step	10
Type	Integer

Table 302-10 rohcStandaloneFeedbackTimeout

Name	Value
Default	5
Description	This is a parameter for the compressor only. When it receives a feedback packet from the associated decompressor, it shall wait for this timer (in ms) to expire then to send it standalone. Otherwise it shall piggyback the feedback to a data packet when it is available before timeout.
Displayed name	rohcStandaloneFeedbackTimeout (General)
Impact	No reset (class C)
Maximum	500
Minimum	0
Type	Integer
Units	ms

Table 302-11 rohcStateControlK1

Name	Value
Default	1
Description	This is a parameter for the decompressor only. It specifies the n1 value in FC to SC state transition. When there are k1 decompression failures out of n1 total received data packets, the decompressor shall move from FC to SC state. The values must meet the condition of $k1 \leq n1$.
Displayed name	rohcStateControlK1 (General)
Impact	No reset (class C)
Maximum	10

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Name	Value
Minimum	1
Type	Integer

(2 of 2)

Table 302-12 rohcStateControlK2

Name	Value
Default	1
Description	This is a parameter for the decompressor only. It specifies the k2 value in SC to NC state transition. When there are k2 decompression failures out of n2 total received data packets, the decompressor shall move from SC to NC state. The values must meet the condition of $k2 \leq n2$.
Displayed name	rohcStateControlK2 (General)
Impact	No reset (class C)
Maximum	10
Minimum	1
Type	Integer

Table 302-13 rohcStateControlN1

Name	Value
Default	1
Description	This is a parameter for the decompressor only. It specifies the n1 value in FC to SC state transition. When there are k1 decompression failures out of n1 total received data packets, the decompressor shall move from FC to SC state. The values must meet the condition of $k1 \leq n1$.
Displayed name	rohcStateControlN1 (General)
Impact	No reset (class C)
Maximum	10
Minimum	1
Type	Integer

Table 302-14 rohcStateControlN2

Name	Value
Default	1
Description	This is a parameter for the decompressor only. It specifies the n2 value in SC to NC state transition. When there are k2 decompression failures out of n2 total received data packets, the decompressor shall move from SC to NC state. The values must meet the condition of $k2 \leq n2$.

(1 of 2)

Name	Value
Displayed name	rohcStateControlN2 (General)
Impact	No reset (class C)
Maximum	10
Minimum	1
Type	Integer

(2 of 2)

303 –RoutingArea

Table 303-1 RoutingArea parameters

Parameters	
id locationAreaCode	routingAreaCode

Table 303-2 id

Name	Value
Description	RoutingArea identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

Table 303-3 locationAreaCode

Name	Value
Description	This parameter specifies the Location Area Code supported by the target RNC.
Displayed name	locationAreaCode (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	65535
Minimum	1
Type	Integer

(2 of 2)

Table 303-4 routingAreaCode

Name	Value
Description	This parameter specifies the Routing Area Code supported by the target RNC.
Displayed name	routingAreaCode (General)
Mandatory on creation	Yes
Maximum	255
Minimum	0
Type	Integer

304 –RoutingInfoTable

Table 304-1 RoutingInfoTable parameters

Parameters	
id spareIpFormatDestSubnet	spareIpV4RoutingPrefix spareIpV6RoutingPrefix

Table 304-2 id

Name	Value
Description	RoutingInfoTable identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	11
Minimum	0
Type	Integer

Table 304-3 spareIpFormatDestSubnet

Name	Value
Default	IPv4
Description	This "spare" parameter is not used in this release. It indicates the format of the destination subnet (IPv4 or IPv6) specified in an instance of "RoutingInfoTable" MO. Either ipv4RoutingPrefix or ipv6RoutingPrefix shall be provided according to this parameter.
Displayed name	spareIpFormatDestSubnet (General)
Impact	Full reset (class A)
Type	IpFormat
Unset supported	Yes

Table 304-4 spareIpv4RoutingPrefix

Name	Value
Description	This "spare" parameter is not used in this release. It defines an IPv4 subnet prefix with Classless Interdomain Routing (CIDR) notation, for example, 192.168.2.0/24. The subnets that are recorded in this parameter are the destination subnets for the IPv4 packets sent by the eNB (that is, MMEs, S-GWs and eNodeBs subnets)
Displayed name	spareIpv4RoutingPrefix (General)
Impact	Full reset (class A)
Maximum	18
Minimum	9
Type	String
Unset supported	Yes

Table 304-5 spareIpv6RoutingPrefix

Name	Value
Description	This "spare" parameter is not used in this release. It defines an IPv6 subnet prefix with Classless Interdomain Routing (CIDR) notation, for example, 2001:660:7401::/48. The subnets that are recorded in this parameter are the destination subnets for the IPv6 packets sent by the eNodeB (that is, MMEs, S-GWs and eNodeBs subnets)
Displayed name	spareIpv6RoutingPrefix (General)
Impact	Full reset (class A)
Maximum	43
Minimum	9
Type	String
Unset supported	Yes

305 –RrcMeasurementConf

Table 305-1 RrcMeasurementConf parameters

Parameters	
filterCoefficientOfQuantityConfigGERAN	measQuantityUtraFdd
filterCoefficientOfQuantityConfigUtra	measQuantityUtraTdd
filterCoefficientRSRP	measurementGapsPattern
filterCoefficientRSRQ	measurementIdentityConfIdList
id	sMeasure
maxMeasIdForMultipleMonitoring	sMeasureUntil_V2_x
maxNbCarriersForMultipleMonitoringUsingMeasGaps	timeToTriggerSfHigh
measQuantityCDMA2000	timeToTriggerSfMedium
measQuantityGERAN	transmissionGapRepetitionPeriod

Table 305-2 filterCoefficientOfQuantityConfigGERAN

Name	Value
Default	fc2
Description	filterCoefficientOfQuantityConfigGERAN is used to configure the IE filterCoefficient of QuantityConfigGERAN
Displayed name	filterCoefficientOfQuantityConfigGERAN (General)
Impact	No reset (class C)
Type	FilterCoeffEnum
Unset supported	Yes

Table 305-3 filterCoefficientOfQuantityConfigUtra

Name	Value
Default	fc4
Description	filterCoefficientOfQuantityConfigUtra DEFAULT fc4 to configure the IE filterCoefficient of the QuantityConfigUTRA SEQUENCE {measQuantityUTRA-FDD, measQuantityUTRA-TDD, filterCoefficient}
Displayed name	filterCoefficientOfQuantityConfigUtra (General)
Impact	No reset (class C)
Type	FilterCoeffEnum
Unset supported	Yes

Table 305-4 filterCoefficientRSRP

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE filterCoefficientRSRP included in the IE quantityConfigEUTRA in the MeasurementConfiguration IE.
Displayed name	filterCoefficientRSRP (General)
Impact	No reset (class C)
Type	FilterCoeffEnum

Table 305-5 filterCoefficientRSRQ

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE filterCoefficientRSRQ included in the IE quantityConfigEUTRA in the MeasurementConfiguration IE.
Displayed name	filterCoefficientRSRQ (General)
Impact	No reset (class C)
Type	FilterCoeffEnum

Table 305-6 id

Name	Value
Description	RrcMeasurementConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	5

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Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 305-7 maxMeasIdForMultipleMonitoring

Name	Value
Description	This parameters configures the maximum number of measurements per UE. See TS36.133 and TS36.331
Displayed name	maxMeasIdForMultipleMonitoring (General)
Impact	No reset (class C)
Maximum	32
Minimum	0
Type	Integer
Unset supported	Yes

Table 305-8 maxNbCarriersForMultipleMonitoringUsingMeasGaps

Name	Value
Description	This parameter configures the ENB maximum number of allowed layers for multiple monitoring with measurement gaps. The UE must be capable of monitoring using gaps a total of at least 7 carrier frequency layers comprising of any allowed combination of E-UTRA FDD, E-UTRA TDD, UTRA FDD, UTRA TDD and GSM layers (one GSM layer corresponds to 32 cells), cdma2000 and HRPD layers. With this parameters the ENB truncates this list to ease the UE performance compliancy. See 3GPP TS36.133 section 8.1.2.1.1.1.
Displayed name	maxNbCarriersForMultipleMonitoringUsingMeasGaps (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 305-9 measQuantityCDMA2000

Name	Value
Default	pilotStrength
Description	Configures the IE QuantityConfigCDMA2000 in IE QuantityConfig. Measurement quantity used for CDMA2000 measurements. pilotPnPhaseAndPilotStrength is only applicable for MeasObjectCDMA2000 of cdma2000-Type = type1XRTT.

(1 of 2)

Name	Value
Displayed name	measQuantityCDMA2000 (General)
Impact	No reset (class C)
Type	MeasQuantityCdma2000Enum
Unset supported	Yes

(2 of 2)

Table 305-10 measQuantityGERAN

Name	Value
Description	Configures the IE QuantityConfigGERAN in IE QuantityConfig.
Displayed name	measQuantityGERAN (General)
Impact	No reset (class C)
Type	MeasQuantityGERANEnum
Unset supported	Yes

Table 305-11 measQuantityUtraFdd

Name	Value
Description	measQuantityUtraFdd = ENUMERATED {cpichRSCP, cpichEcN0} to configure the IE measQuantityUTRA-FDD of the QuantityConfigUTRA SEQUENCE {measQuantityUTRA-FDD, measQuantityUTRA-TDD, filterCoefficient}
Displayed name	measQuantityUtraFdd (General)
Impact	No reset (class C)
Type	MeasQuantityUtraFddEnum
Unset supported	Yes

Table 305-12 measQuantityUtraTdd

Name	Value
Description	measQuantityUtraTdd = ENUMERATED {pccpch-RSCP} to configure the IE measQuantityUTRA-TDD of the QuantityConfigUTRA SEQUENCE {measQuantityUTRA-FDD, measQuantityUTRA-TDD, filterCoefficient}
Displayed name	measQuantityUtraTdd (General)
Impact	No reset (class C)
Type	MeasQuantityUtraTddEnum
Unset supported	Yes

Table 305-13 measurementGapsPattern

Name	Value
Description	Measurement Gaps Pattern : define the gap length MGL and the gap repetition period MGRP, as defined in TS 36.133, for mobility features. Note that for CS Fallback purposes, the eNB may choose to use the Pattern ID 0
Displayed name	measurementGapsPattern (General)
Impact	No reset (class C)
Type	MeasurementGapPatternEnum

Table 305-14 measurementIdentityConfIdList

Name	Value
Description	This parameter refers to the instance of MeasurementIdentityConf MO that must be considered when the UE is handled on this cell. The max size is 8 in 2.0 and 16 in 3.0.
Impact	No reset (class C)
Type	Dynamic stringlist

Table 305-15 sMeasure

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE s-Measure used to define the serving cell quality threshold controlling whether or not the UE is required to perform measurements of intra-frequency, inter-frequency and inter-RAT neighbouring cells. Value in dBm.
Displayed name	sMeasure (General)
Impact	No reset (class C)
Maximum	-43
Minimum	-140
Type	Integer
Units	dBm

Table 305-16 sMeasureUntil_V2_x

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE s-Measure used to define the serving cell quality threshold controlling whether or not the UE is required to perform measurements of intra-frequency, inter-frequency and inter-RAT neighbouring cells. Value in dBm.
Displayed name	sMeasure (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	RSRPRangeEnum
Units	dBm

(2 of 2)

Table 305-17 timeToTriggerSfHigh

Name	Value
Description	This parameter configures the timeToTrigger-SF included in the IE MeasConfig. Parameter "Speed dependent ScalingFactor for timeToTrigger". The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on. See TS36.331.
Displayed name	timeToTriggerSfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum
Unset supported	Yes

Table 305-18 timeToTriggerSfMedium

Name	Value
Description	This parameter configures the timeToTrigger-SF included in the IE MeasConfig. Parameter "Speed dependent ScalingFactor for timeToTrigger". The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on. See TS36.331.
Displayed name	timeToTriggerSfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum
Unset supported	Yes

Table 305-19 transmissionGapRepetitionPeriod

Name	Value
Default	40ms
Description	TS36.331 and TS36.133: this parameter allows calculating the IE MeasGapConfig that specifies the measurement gap configuration and controls setup/ release of measurement gaps. Transmission repetition period is the interval between two measurement gaps. Measurement gaps occur periodically with this period.
Displayed name	transmissionGapRepetitionPeriod (General)
Impact	No reset (class C)

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Name	Value
Type	TransmissionGapRepetitionPeriodEnum
Unset supported	Yes

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306 –RrmServices

Table 306-1 id

Name	Value
Description	RrmServices identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

307 –S1AccessGroup

Table 307-1 id

Name	Value
Description	S1AccessGroup identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

308 –S1HoTimersConf

Table 308-1 S1HoTimersConf parameters

Parameters	
endFwdData endIncomingInterRatHoDataFwd endS1HoDataFwdTarget id	startNewPathData tS1RelocOverallForS1Handover tS1RelocPrepForS1Handover

Table 308-2 endFwdData

Name	Value
Default	150
Description	Timer - For S1 HO, maximum time to wait in the target eNB for reception of GTP-U end of forwarding packet (29.281) received via X2 or S1 if DL data forwarding is configured. A single timer is started for all E-RABs subject to forwarding when S1-AP Handover Notify is transmitted to the MME. At the reception of GTP-U end of forwarding packet (29.281) or timer expiry, the target eNB starts transmitting DL packets received over the new S1 and releases resources associated with the GTP-U tunnel.
Displayed name	endFwdData (General)
Impact	No reset (class C)
Maximum	5000
Minimum	1
Type	Integer
Units	ms

Table 308-3 endIncomingInterRatHoDataFwd

Name	Value
Default	150
Description	This parameter is defined for incoming inter-RAT handover, it defines maximum time to wait in the target eNodeB for reception of GTP-U end of forwarding packet (29.281) received S1 if DL data forwarding is configured. A single timer is started for all E-RABs subject to forwarding when S1-AP Handover Notify is transmitted to the MME. At the reception of GTP-U end of forwarding packet (29.281) or timer expiry, the target eNodeB starts transmitting DL packets received over the new S1 and releases resource associated with the GTP-U tunnel.
Displayed name	endIncomingInterRatHoDataFwd (General)
Impact	No reset (class C)
Maximum	5000
Minimum	1
Type	Integer
Units	ms

Table 308-4 endS1HoDataFwdTarget

Name	Value
Default	150
Description	For S1 HO, maximum time to wait in the target eNB for reception of eGTP end of forwarding packet (29.281) received via X2 or S1 if DL data forwarding is configured. A single timer is started for all E-RABs subject to forwarding when S1-AP Handover Notify is transmitted to the MME. At the reception of eGTP end of forwarding packet (29.281) or timer expiry, the target eNB starts transmitting DL packets received over the new S1 and releases resources associated with the eGTP tunnel.
Displayed name	endS1HoDataFwdTarget (General)
Impact	No reset (class C)
Maximum	5000
Minimum	1
Type	Integer
Units	ms

Table 308-5 id

Name	Value
Description	RDN of the MIB object instance
Displayed name	id (General)
Mandatory on creation	Yes

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Name	Value
Maximum	1
Minimum	0
Type	Integer

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Table 308-6 startNewPathData

Name	Value
Default	30
Description	For S1 HO, maximum fresh data retaining time window in the target eNB, between arrival from S1 of first data packet for a certain E-RAB, and reception of the S1 or X2 GTP-U end of forwarding packet (29.274 End Marker) for this same E-RAB if DL data forwarding is configured. During this window, only packets received through source eNB are transmitted, while new packets received over new S1 are buffered in order to avoid out of order transmission. At reception of GTP-U end of forwarding packet (29.274) over S1 or X2 or timer expiry, the target eNB starts transmitting DL packets received over the new S1 for this e-RAB, and eventually mixed with remaining packets from old GTP-U tunnel, if any in case of timer expiry. The zero value effectively disables the buffering of packets from the new path at the target eNodeB during the packet-forwarding.
Displayed name	startNewPathData (General)
Impact	No reset (class C)
Maximum	5000
Minimum	0
Type	Integer
Units	ms

Table 308-7 tS1RelocOverallForS1Handover

Name	Value
Default	4000
Description	TS36.413: Upon reception of the S1AP HANDOVER COMMAND message (in case of S1 handover) the source eNB shall start the timer tS1RelocOverall (for S1 HO set by tS1RelocOverallForS1Handover)
Displayed name	tS1RelocOverallForS1Handover (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms

Table 308-8 tS1RelocPrepForS1Handover

Name	Value
Default	4000
Description	TS36.413: When the source ENB sends the S1AP HANDOVER REQUIRED message for the S1 handover, it shall start the timer tS1RelocPrep (for S1 HO set by tS1RelocPrepForS1Handover)
Displayed name	tS1RelocPrepForS1Handover (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms

309 –S1MmeAccessProfile

Table 309-1 S1MmeAccessProfile parameters

Parameters	
isStandAlone	sctpAssocRemAddr2
priority	sctpAssocRemAddrType1
sctpAssocRemAddr1	sctpAssocRemAddrType2

Table 309-2 isStandAlone

Name	Value
Default	False
Description	This Property decides whether this Profile is created for stand-alone purposes or to be tightly associated with RAN SCTP Profile. By default this property to false eNodeB assignment/unassignment/distribution can be done from this profile only not from associated RAN SCTP Profile.
Displayed name	Is Stand Alone (General)
Mandatory on creation	Yes
Type	Boolean

Table 309-3 priority

Name	Value
Default	primary
Description	Defines whether an MME belongs to the primary or secondary pool of MMEs. This is an Alcatel-Lucent proprietary mechanism which allows to route UEs to a backup secondary pool of MMEs when all MMEs of the primary pool are unreachable or in overload. During normal operation, all UEs are routed to the primary pool of MMEs using 3GPP standard MME selection.
Displayed name	Priority (General)
Impact	No reset (class C)
Type	MMEPriority

Table 309-4 sctpAssocRemAddr1

Name	Value
Default	0.0.0.0
Description	This parameter is used to specify remote IP address of the MME for this SCTP association.
Displayed name	SCTP Association Remote Address 1 (General)
Impact	Partial reset (class B)
Type	IP address

Table 309-5 sctpAssocRemAddr2

Name	Value
Default	0.0.0.0
Description	This parameter is used to specify remote IP address of the MME for this SCTP association. For a multi-homed MME, this parameter should be filled in
Displayed name	SCTP Association Remote Address 2 (General)
Impact	Partial reset (class B)
Type	IP address

Table 309-6 sctpAssocRemAddrType1

Name	Value
Default	ipv4
Description	The remote IP address of the MME for this SCTP association
Type	InetAddressType

Table 309-7 sctpAssocRemAddrType2

Name	Value
Default	ipv4
Description	The remote IP address of the MME for this SCTP association
Type	InetAddressType

310 –S1Services

Table 310-1 id

Name	Value
Description	S1Services identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

311 –S1Timers

Table 311-1 id

Name	Value
Description	S1Timers identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

312 –S1uReferencePoint

Table 312-1 S1uReferencePoint parameters

Parameters	
dualStackPref gtpuSeqNumber	gtpuUdpChecksum

Table 312-2 dualStackPref

Name	Value
Default	ipv6
Displayed name	Dual Stack Preference Uplane (General)
Type	InetAddressType

Table 312-3 gtpuSeqNumber

Name	Value
Default	disabled
Displayed name	Sequence Number (General)
Type	EnableStatus

Table 312-4 gtpuUdpChecksum

Name	Value
Default	disabled
Displayed name	UDP Checksum (General)
Type	EnableStatus

313 –S5ReferencePoint

Table 313-1 dualStackPreference

Name	Value
Default	useCplane
Displayed name	Dual Stack Preference Uplane (General)
Type	DualStackIpPreference

314 –S8ReferencePoint

Table 314-1 dualStackPreference

Name	Value
Default	useCplane
Description	The value of dualStackPreference specifies the user plane preference in a dual stack when both IPv4 and IPv6 addresses are configured for the S8 interface.
Displayed name	Dual Stack Preference Uplane (General)
Type	DualStackIpPreference

315 –SCTPProfileAbs

Table 315-1 SCTPProfileAbs parameters

Parameters	
assoMaxRetrans	rTOInitValid
cookieLife	rTOMax
hBInterval	rTOMin
maxInitRetrans	sackFreq
mhShConfigType	sackPeriod
mTUSize	sCTPPort
pathMaxRetrans	sCTPProfileID

Table 315-2 assoMaxRetrans

Name	Value
Default	10
Description	Maximum Association Retransmissions
Displayed name	Maximum Association Retransmissions (General)
Maximum	50
Minimum	1
Type	Integer

Table 315-3 cookieLife

Name	Value
Default	60
Description	Valid cookie life time frame
Displayed name	Cookie Life (General)
Maximum	120
Minimum	5
Type	Integer
Units	seconds

Table 315-4 hBInterval

Name	Value
Default	30
Description	Heartbeat interval
Displayed name	Heartbeat Interval (General)
Maximum	300
Minimum	1
Type	Integer
Units	seconds

Table 315-5 maxInitRetrans

Name	Value
Default	8
Description	Maximum Initial Retransmissions
Displayed name	Maximum Init Retransmissions (General)
Maximum	25
Minimum	1
Type	Integer

Table 315-6 mhShConfigType

Name	Value
Default	Single_Homed
Description	Defines if this profile is single or multi homed.
Displayed name	Config Type (General)
Type	MME_MH_SH_CONFIG_TYPE

Table 315-7 mTUSize

Name	Value
Default	1500
Description	Maximum Transmission Unit size
Displayed name	MTU Size (General)
Maximum	65535
Minimum	512
Type	Integer
Units	octets

Table 315-8 pathMaxRetrans

Name	Value
Default	5
Description	Maximum Path Retransmissions
Displayed name	Maximum Path Retransmissions (General)
Maximum	25
Minimum	1
Type	Integer

Table 315-9 rTOInitValid

Name	Value
Default	300
Description	Initial retransmission timeout
Displayed name	RTO Initial Value (General)
Maximum	10000

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Name	Value
Minimum	10
Type	Integer
Units	ms

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Table 315-10 rTOMax

Name	Value
Default	400
Description	Maximum retransmission timeout
Displayed name	RTO Maximum (General)
Maximum	10000
Minimum	20
Type	Integer
Units	ms

Table 315-11 rTOMin

Name	Value
Default	50
Description	Minimum retransmission timeout
Displayed name	RTO Minimum (General)
Maximum	5000
Minimum	10
Type	Integer
Units	ms

Table 315-12 sackFreq

Name	Value
Default	2
Description	SCTP Acknowledgement frequency
Displayed name	SACK Frequency (General)
Maximum	5
Minimum	1
Type	Integer

Table 315-13 sackPeriod

Name	Value
Default	200
Description	SCTP Acknowledgement period
Displayed name	SACK Period (General)
Maximum	500
Minimum	0
Type	Integer
Units	ms

Table 315-14 sCTPPort

Name	Value
Description	SCTP port for this profile.
Displayed name	SCTP Port (General)
Maximum	65535
Minimum	1024
Type	Integer

Table 315-15 sCTPProfileID

Name	Value
Description	Unique ID for this SCTP profile
Displayed name	SCTP Profile ID (General)
Mandatory on creation	Yes
Maximum	512
Minimum	1
Type	Integer

316 –Sector

Table 316-1 sectorNumber

Name	Value
Default	0
Description	Logical number of the sector
Displayed name	Sector Number (General)
Mandatory on creation	Yes
Type	Long integer

317 –SecurityConf

Table 317-1 SecurityConf parameters

Parameters	
allowedCipheringAlgorithmList allowedIntegrityProtectionAlgorithmList	id

Table 317-2 allowedCipheringAlgorithmList

Name	Value
Description	This parameter provides the list of ciphering algorithms which are allowed for usage in the eNodeB. This list is ordered from the highest priority algorithm to the lowest priority algorithm. If the list contains only the eea0 algorithm ("null"), ciphering is deactivated.
Impact	No reset (class C)
Type	List name AllowedCipheringAlgorithmListType maps to: CipheringAlgoEnum

Table 317-3 allowedIntegrityProtectionAlgorithmList

Name	Value
Description	This parameter provides the list of integrity protection algorithms which are allowed for usage in the eNodeB. This list is ordered from the highest priority algorithm to the lowest priority algorithm.

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	List name AllowedIntegrityProtectionAlgorithmListType maps to: IntegrityProtectionAlgoEnum

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Table 317-4 id

Name	Value
Description	SecurityConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

318 –SelfOrganizingNetwork

Table 318-1 id

Name	Value
Description	SelfOrganizingNetwork identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

319 –SemiPersistentSchedulingConf

Table 319-1 SemiPersistentSchedulingConf parameters

Parameters	
id iPVersionForSPS	overrideS1GBRinfoForVoIP

Table 319-2 id

Name	Value
Description	SemiPersistentSchedulingConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 319-3 iPVersionForSPS

Name	Value
Default	IPv4
Description	This parameter is used when "overrideS1GBRinfoForVoIPSPS" parameter is TRUE and ROHC de-activated. In this case, the IP Version is used to select accurate TBS. Note this is the IP version used at the end-user application level and not the IP version used over S1/X2. This parameter is restricted usage to VoIP Trials.
Displayed name	iPVersionForSPS (General)
Impact	Partial reset (class B)
Type	IpFormatEnum

Table 319-4 overrideS1GBRinfoForVoIP

Name	Value
Default	False
Description	This parameter controls whether the scheduler shall make use of the S1 GBR information to derive the SPS grant sizes (when the parameter is set to False) or whether, instead, it shall assume the value of the defaultCodecforVoIPserviceUL and defaultCodecforVoIPserviceDL parameters.
Displayed name	overrideS1GBRinfoForVoIP (General)
Impact	Partial reset (class B)
Type	Boolean

320 –ServiceContainer

Table 320-1 ServiceContainer parameters

Parameters	
chassisNumber containerName	siteIdAddressType slotNumber

Table 320-2 chassisNumber

Name	Value
Default	0
Description	The chassis number of the service container.
Mandatory on creation	Yes
Type	Integer

Table 320-3 containerName

Name	Value
Default	0
Description	The name of the service container.
Displayed name	Name (General)
Mandatory on creation	Yes

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Name	Value
Maximum	32
Type	String

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Table 320-4 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 320-5 slotNumber

Name	Value
Default	0
Description	The slot number of the service container.
Mandatory on creation	Yes
Type	Integer

321 –ServiceTypePriorityConf

Table 321-1 ServiceTypePriorityConf parameters

Parameters	
eMctaPriority id	serviceType

Table 321-2 eMctaPriority

Name	Value
Description	This parameter configures the eMCTA priority: the service-table that provides one priority per service-type and RAT/Carrier is used in the Service Segmentation Policy and the service-table per (RAT; carrier). Notes: [1] This priority is used (0-lowest and 7-highest) and is granted to the ServiceType. [2] It is also possible to discard a RAT-carrier in eMCTA with a priority value that is set to "service-not-allowed-in-RAT-carrier".
Displayed name	eMctaPriority (General)
Impact	No reset (class C)
Type	EMctaConnectedPriorityEnum

Table 321-3 id

Name	Value
Description	ServiceTypePriorityConf identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

(2 of 2)

Table 321-4 serviceType

Name	Value
Description	This parameter configures the service-type: in order to allow the different service-based allocation strategies, the E-MCTA process relies on the notion of service-type. This is an ALU-proprietary notion that indicates the type of application, for which the RAT/Carrier allocation is optimized.
Displayed name	serviceType (General)
Impact	No reset (class C)
Type	ServiceTypeEnum

322 –ServingGatewayFunction

Table 322-1 ServingGatewayFunction parameters

Parameters	
description id	sgwFunction siteIdAddressType

Table 322-2 description

Name	Value
Description	Complementary information on the the SGW Interface object.
Displayed name	Description (General)
Maximum	80
Minimum	0
Type	String

Table 322-3 id

Name	Value
Default	0
Description	Global ID for the ServingGatewayFunction (applies to both SGW Interface and SGW Application).
Displayed name	ID (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	2147483647
Minimum	1
Type	Long integer

(2 of 2)

Table 322-4 sgwFunction

Name	Value
Default	unknown
Description	Type of this Function object. It can either be SGW Interface or SGW Application.
Displayed name	SGW Function (General)
Mandatory on creation	Yes
Type	EpcFunction

Table 322-5 siteldAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

323 –SgwAccessGroup

Table 323-1 id

Name	Value
Description	SgwAccessGroup identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

324 –SgwChargingProfile

Table 324-1 SgwChargingProfile parameters

Parameters	
citQosChange citUserLocationChange	prctMaxNumberOfChanges

Table 324-2 citQosChange

Name	Value
Default	disabled
Displayed name	QoS Change (General)
Type	EnableStatus

Table 324-3 citUserLocationChange

Name	Value
Default	disabled
Displayed name	User Location Change (General)
Type	EnableStatus

Table 324-4 prctMaxNumberOfChanges

Name	Value
Default	4
Description	Specifies the maximum number of change conditions that can occur like tariff change, location change before a partial record is created.
Displayed name	Maximum Number of Changes (General)
Type	Integer

325 –SgwGtpConf

Table 325-1 SgwGtpConf parameters

Parameters	
id n3Request	s1EchoRequestInterval t3Response

Table 325-2 id

Name	Value
Description	SgwGtpConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 325-3 n3Request

Name	Value
Default	5
Description	Maximum number of attempts to send Echo Request message
Displayed name	n3Request (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	10
Minimum	1
Type	Integer

(2 of 2)

Table 325-4 s1EchoRequestInterval

Name	Value
Default	120
Description	The sending interval for Echo Request messages by eNB on S1-U GTP path in use. A value of 0 disables the eNB S1-U echo request. Note that under normal circumstances this interval shall be longer than 60 seconds. Smaller values are only used for debugging and experimental purposes.
Displayed name	s1EchoRequestInterval (General)
Impact	No reset (class C)
Maximum	600
Minimum	0
Step	10
Type	Integer
Units	s

Table 325-5 t3Response

Name	Value
Default	3
Description	Timer - maximum waiting time for the eAG response to the Echo Request message sent by eNB
Displayed name	t3Response (General)
Impact	No reset (class C)
Maximum	5
Minimum	1
Type	Integer
Units	s

326 –SgwPool

Table 326-1 SgwPool parameters

Parameters	
id	sGWPoolID

Table 326-2 id

Name	Value
Default	0
Description	SAM internal ID for the Global object representing an SGW Pool
Mandatory on creation	Yes
Maximum	1024
Minimum	1
Type	Long integer

Table 326-3 sGWPoolID

Name	Value
Description	String representing the SGW Group ID.
Displayed name	Pool ID (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	20
Minimum	1
Type	String

(2 of 2)

327 –SgwQosConf

Table 327-1 id

Name	Value
Description	SgwQosConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

328 –SgwQosMapping

Table 328-1 SgwQosMapping parameters

Parameters	
dscp id serviceProfile	serviceProfileUntil_V2_x vLanPriority

Table 328-2 dscp

Name	Value
Description	This element of the SgwQosMapping tuple identifies the Diffserv Code Point value to be used for S1 transport for a service bearer whose QoS class (QCI) matches the "serviceProfile" element of the tuple.
Displayed name	dscp (General)
Impact	Full reset (class A)
Type	DscpEnum
Unset supported	Yes

Table 328-3 id

Name	Value
Description	SgwQosMapping identifier
Displayed name	id (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	254
Minimum	0
Type	Integer

(2 of 2)

Table 328-4 serviceProfile

Name	Value
Default	1
Description	This element of the SgwQosMapping tuple identifies the QoS class (QCI) - see TS 23.203 - which is mapped by the tuple to the associated Diffserv Code Point (dscp) and VLAN User Priority (vLanPriority) values.
Displayed name	serviceProfile (General)
Impact	Full reset (class A)
Maximum	255
Minimum	1
Type	Integer

Table 328-5 serviceProfileUntil_V2_x

Name	Value
Description	This element of the SgwQosMapping tuple identifies the QoS class (QCI) - see TS 23.203 - which is mapped by the tuple to the associated Diffserv Code Point (dscp) and VLAN User Priority (vLanPriority) values.
Displayed name	serviceProfile (General)
Impact	Full reset (class A)
Type	ServiceProfileenum

Table 328-6 vLanPriority

Name	Value
Description	This element of the SgwQosMapping tuple identifies the VLAN User Priority value to be used at layer 2 for service a bearer over S1 whose QoS class (QCI) matches the "serviceProfile" element of the tuple. However, the User Priority value shall be ignored if VLAN tagging is disabled.
Displayed name	vLanPriority (General)
Impact	Full reset (class A)
Maximum	7

(1 of 2)

Name	Value
Minimum	0
Type	Integer
Unset supported	Yes

(2 of 2)

329 –SgwS5ReferencePoint

Table 329-1 dualStackPreferenceCplane

Name	Value
Default	ipv6
Displayed name	Dual Stack Preference Cplane (General)
Type	InetAddressType

330 –SgwS8ReferencePoint

Table 330-1 dualStackPreferenceCplane

Name	Value
Default	ipv6
Description	The value of dualStackPreferenceCplane specifies the control plane preference in a dual stack when both IPv4 and IPv6 addresses are configured for the S8 interface.
Displayed name	Dual Stack Preference Cplane (General)
Type	InetAddressType

331 –Sib8HrpdlInfo

Table 331-1 Sib8HrpdlInfo parameters

Parameters	
hrpdInfoConfigured id	tReselectionCdmaHrpd

Table 331-2 hrpdlInfoConfigured

Name	Value
Default	False
Description	This parameter is used in conjunction with (per eNB) isNonOptRedirToHrpdAllowed to determine whether L82728 logic be invoked on the cell. It is also for crosschecking (indicates whether all parameters and instances of child objects of Sib8HrpdlInfo are properly provisioned for this cell). If True, SIB8 (populated with Sib8HrpdlInfo) will be included in System Info broadcast for the cell; if False, SIB8 will be excluded from System Info broadcast.
Displayed name	hrpdInfoConfigured (General)
Impact	No reset (class C)
Type	Boolean

Table 331-3 id

Name	Value
Description	Sib8HrpdInfo identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 331-4 tReselectionCdmaHrpd

Name	Value
Description	3GPP 36.331. This parameter (corresponds to t-ReselectionCDMA2000 in cellReselectionParametersHRPD in 36.331) is the HRPD cell reselection timer value in seconds.
Displayed name	tReselectionCdmaHrpd (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer
Units	s

332 –SignalingRadioBearerConf

Table 332-1 SignalingRadioBearerConf parameters

Parameters	
id	macBOoverheadUL
logicalChannelbucketSizeDurationUL	macBOperiodicIncreaseEnabledUL
logicalChannelConfId	macBOperiodicIncreasePeriodUL
logicalChannelGroupUL	macBOWeightUL
logicalChannelPrioritizedBitRateUL	macHARQMaxNumberOfTransmissionDL
logicalChannelPriorityDL	macHARQMaxTimerDL
logicalChannelPriorityUL	macInitialMCSIndexForBearerSetupDL
logicalChannelSRMask	macMIMOModeDL
macBOIncreaseUponResourceRequestUL	macOuterLoopBlerControlTargetBlerDL
macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUL	macSINROffsetForLinkAdaptationDL
macBOInitialValueUponHandoverUL	rlcConfId
macBOInitialValueUponULdataArrivalUL	signallingRadioBearerConfName
macBOMaxValueUL	sRBIIdentity
macBOMinimumPeriodicIncreaseValue	

Table 332-2 id

Name	Value
Description	SignalingRadioBearerConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 332-3 logicalChannelbucketSizeDurationUL

Name	Value
Description	This parameter describes the bucket size duration used for logical channel prioritization purposes, as per 36.321. One value is signaled to the UE per logical channel
Displayed name	logicalChannelbucketSizeDurationUL (General)
Impact	No reset (class C)
Type	BucketSizeDurationEnum
Units	ms

Table 332-4 logicalChannelConfId

Name	Value
Description	This parameter points to the instance of the M0 LogicalChannelConf that is used for configuration.
Export	No
Impact	No reset (class C)
Type	String

Table 332-5 logicalChannelGroupUL

Name	Value
Description	This parameter is used to indicate which group id the uplink logical channel belongs to in the Buffer Status reports. As per 36.321. This attribute links the logical channel to Buffer Occupancy which is updated by the BSR. When a logical Channel is not link to a BO, the Buffer Occupancy Estimate used by the dynamic scheduler will not be updated by a BSR report.
Displayed name	logicalChannelGroupUL (General)
Impact	Partial reset (class B)
Type	BufferOccupancyEnum

Table 332-6 logicalChannelPrioritizedBitRateUL

Name	Value
Default	kBps8
Description	This parameter describes the prioritized bit rate of an uplink logical channel, as per 36.321. One value is signaled to the UE per logical channel
Displayed name	logicalChannelPrioritizedBitRateUL (General)
Impact	No reset (class C)
Type	LogicalChannelPrioritizedBitRateEnum
Units	Kbytes/s

Table 332-7 logicalChannelPriorityDL

Name	Value
Default	1
Description	This parameter specifies the priority used for scheduling when the delay for packet transmission reaches the PacketDelayBudget.
Displayed name	logicalChannelPriorityDL (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer

Table 332-8 logicalChannelPriorityUL

Name	Value
Default	1
Description	This parameter describes the priority of a logical channel as per 36.321. One value is signaled to the UE per logical channel
Displayed name	logicalChannelPriorityUL (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer

Table 332-9 logicalChannelSRMask

Name	Value
Default	False
Description	This parameter controls the one bit flag provided to release 9 UEs or later upon creation or reconfiguration of an uplink SRB. When set to true, it indicates that the UE should inhibit for that radio bearer the triggering of Scheduling Requests when the UE is configured with an SPS inactive grants.
Displayed name	logicalChannelSRMask (General)
Impact	Partial reset (class B)
Type	Boolean

Table 332-10 macBOIncreaseUponResourceRequestUL

Name	Value
Default	500
Description	This parameter specifies the systematic BE increase upon receipt of a Scheduling Request.
Displayed name	macBOIncreaseUponResourceRequestUL (General)
Impact	Partial reset (class B)
Maximum	20000
Minimum	0
Type	Integer

Table 332-11 macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUL

Name	Value
Description	This parameter specifies the BO increase to be used for PRB calculation, upon receipt of a Scheduling Request. The parameter is used by calculating the maximum TB size which impacts the actual assigned PRB number, for the UE which raised the Scheduling Request.
Displayed name	macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUL (General)
Impact	Partial reset (class B)
Maximum	20000
Minimum	0
Type	Integer

Table 332-12 macBOInitialValueUponHandoverUI

Name	Value
Default	1000
Description	This parameter specifies the initial value of the BO estimate for a newly created UE context in a handover scenario.
Displayed name	macBOInitialValueUponHandoverUI (General)
Impact	Partial reset (class B)
Maximum	200000
Minimum	0
Type	Integer

Table 332-13 macBOInitialValueUponULdataArrivalUL

Name	Value
Default	0
Description	This parameter specifies the initial value of the BO estimate for a newly created UE context in the case of UL data arrival.
Displayed name	macBOInitialValueUponULdataArrivalUL (General)
Impact	Partial reset (class B)
Maximum	200000
Minimum	0
Type	Integer

Table 332-14 macBOMaxValueUI

Name	Value
Default	50000
Description	This parameter specifies the maximum BO estimate value that can be made on a particular UL logical channel.
Displayed name	macBOMaxValueUI (General)
Impact	Partial reset (class B)
Maximum	200000
Minimum	0
Type	Integer

Table 332-15 mACBOMinimumPeriodicIncreaseValue

Name	Value
Default	5
Description	This parameter defines the minimum UL BO periodic increase value. It is used, typically, when GBR=0 for the bearer.
Displayed name	mACBOMinimumPeriodicIncreaseValue (General)
Impact	Partial reset (class B)
Maximum	512
Minimum	0
Type	Integer
Units	bytes

Table 332-16 macBOoverheadUI

Name	Value
Default	3
Description	This parameter specifies the estimated average UL MAC overhead per MAC PDU.
Displayed name	macBOoverheadUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 332-17 macBOperiodicIncreaseEnabledUI

Name	Value
Default	disabled
Description	This parameter enables or disables periodic UL BO increase.
Displayed name	macBOperiodicIncreaseEnabledUI (General)
Impact	Partial reset (class B)
Type	DisabledEnabledEnum

Table 332-18 macBOPeriodicIncreasePeriodUI

Name	Value
Default	5
Description	This parameter specifies, in ms, the period of periodic Buffer Estimate increase when configured.
Displayed name	macBOPeriodicIncreasePeriodUI (General)
Impact	Partial reset (class B)
Maximum	250
Minimum	1
Type	Integer

Table 332-19 macBOWeightUI

Name	Value
Default	100
Description	This parameter specifies the weight used for the computation of the UE UL QoS weight of the Buffer Occupancy component.
Displayed name	macBOWeightUI (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 332-20 macHARQMaxNumberOfTransmissionDL

Name	Value
Default	8
Description	This parameter specifies the maximum number of HARQ transmissions attempts for DCCH.
Displayed name	macHARQMaxNumberOfTransmissionDL (General)
Impact	No reset (class C)
Maximum	8
Minimum	1
Type	Integer

Table 332-21 macHARQMaxTimerDI

Name	Value
Default	94
Description	This parameter specifies the maximum time allowed for the completion of a HARQ process. The timer is started at the time of the first transmission of the HARQ process. On timer expiry, the HARQ process is terminated.
Displayed name	macHARQMaxTimerDI (General)
Impact	No reset (class C)
Maximum	500
Minimum	1
Type	Integer
Units	ms

Table 332-22 macInitialMCSIndexForBearerSetupDI

Name	Value
Default	4
Description	This parameter specifies the initial Modulation and Coding Scheme to be used at call setup.
Displayed name	macInitialMCSIndexForBearerSetupDI (General)
Impact	No reset (class C)
Maximum	28
Minimum	0
Type	Integer

Table 332-23 macMIMOModeDI

Name	Value
Default	mimoTwoLayersNotAllowed
Description	This parameter specifies the MIMO mode allowed for PDSCH.
Displayed name	macMIMOModeDI (General)
Impact	No reset (class C)
Type	MIMOModeEnum

Table 332-24 macOuterLoopBlerControlTargetBlerDL

Name	Value
Default	10
Description	This parameter specifies the target BLER for the DL outer loop BLER control. The value 0 disables the BLC; the other values define the target BLER.
Displayed name	macOuterLoopBlerControlTargetBlerDL (General)
Impact	No reset (class C)
Maximum	50
Minimum	0
Type	Integer
Units	%

Table 332-25 macSINROffsetForLinkAdaptationDL

Name	Value
Default	0
Description	This parameter specifies the SINR offset that applies in the Link Adaptation in the bearer configuration.
Displayed name	macSINROffsetForLinkAdaptationDL (General)
Impact	No reset (class C)
Maximum	20
Minimum	-20
Step	0.25
Type	Floating point
Units	dB

Table 332-26 rlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for configuration
Export	No
Impact	Partial reset (class B)
Type	String

Table 332-27 signallingRadioBearerConfName

Name	Value
Default	No default
Description	This parameter is used to allow the customer to define a friendly name to identify the MO instance of SignallingRadioBearerConf
Displayed name	signallingRadioBearerConfName (General)
Impact	No reset (class C)
Maximum	64
Minimum	0
Type	String
Unset supported	Yes

Table 332-28 sRBIdentity

Name	Value
Description	This parameter identifies the value of the SRB identity
Displayed name	sRBIdentity (General)
Impact	Partial reset (class B)
Maximum	2
Minimum	1
Type	Integer

333 –Signalling

Table 333-1 Signalling parameters

Parameters	
defaultIfIndex defaultIfVRtrId diameterOriginHost	diameterOriginRealm epcId siteIdAddressType

Table 333-2 defaultIfIndex

Name	Value
Default	0
Description	Specifies the interface index of the default interface used by the signaling protocols. When the value of this object is set to 0, no default interface has been assigned.
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 333-3 defaultIfVRtrId

Name	Value
Default	1
Description	Specifies the virtual router to which the default signaling interface specified by defaultIfIndex belongs.
Mandatory on creation	Yes
Maximum	10240
Minimum	1
Type	Integer

Table 333-4 diameterOriginHost

Name	Value
Default	No default
Description	The value of diameterOriginHost specifies the originating host name of a Diameter node. The Originating Host information is sent in requests to a Diameter peer.
Displayed name	Origin Host (General)
Maximum	80
Minimum	0
Type	String

Table 333-5 diameterOriginRealm

Name	Value
Default	No default
Description	The value of diameterOriginRealm specifies the originating realm/domain name of a Diameter node. The Originating Realm is included in messages exchanged with a Diameter peer.
Displayed name	Origin Realm (General)
Maximum	80
Minimum	0
Type	String

Table 333-6 epclId

Name	Value
Default	1
Description	The EPC Gateway instance
Displayed name	EPC ID (General)
Mandatory on creation	Yes
Maximum	1
Minimum	1
Type	Long integer

Table 333-7 sitelIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

334 –SimoResources

Table 334-1 id

Name	Value
Description	SimoResources identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

335 –SlaConf

Table 335-1 SlaConf parameters

Parameters	
egressCbs egressCir egressEbs	egressEir id

Table 335-2 egressCbs

Name	Value
Default	16
Description	This parameter configures the CBS (Committed Burst Size, in terms of Kbytes) of the egress flow for UL traffic shaping.
Displayed name	egressCbs (General)
Impact	No reset (class C)
Maximum	125000
Minimum	10
Type	Integer
Units	Kbytes

Table 335-3 egressCir

Name	Value
Default	1000
Description	This parameter configures the CIR (Committed Information Rate) of the egress flow for UL traffic shaping. It defines a limit for scheduling for the guaranteed traffic. The value specified here is the administrative CIR for the VLAN or the Port. The eNodeB maps a user-configured value to a hardware supports rate that it uses to determine the operational CIR for the VLAN or the Port.
Displayed name	egressCir (General)
Impact	No reset (class C)
Maximum	1000000
Minimum	1000
Step	100
Type	Integer
Units	Kbits/s

Table 335-4 egressEbs

Name	Value
Default	0
Description	This parameter configures the EBS (Excess Burst Size, in terms of Kbytes) of the egress flow for UL traffic shaping.
Displayed name	egressEbs (General)
Impact	No reset (class C)
Maximum	0
Minimum	0
Type	Integer
Units	Kbytes

Table 335-5 egressEir

Name	Value
Default	0
Description	This parameter configures the EIR (Excess Information Rate, in kbps) of the eNodeB egress flow for UL traffic shaping. It defines a maximum limit for scheduling. The value specified here is the administrative EIR for the VLAN or the Port. The eNodeB maps a user-configured value to a hardware supports rate that it uses to determine the operational EIR for the VLAN or the Port. Note: Normally the EIR shall not be configured (EIR=0) since the shaping on the guaranteed bit rate. If EIR is used there is a risk that the GBR flows may be marked, and dropped later. Inadequate setting will cause data session performance and QoS degradation.

(1 of 2)

Name	Value
Displayed name	egressEir (General)
Impact	No reset (class C)
Maximum	0
Minimum	0
Step	100
Type	Integer
Units	Kbits/s

(2 of 2)

Table 335-6 id

Name	Value
Description	SlaConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

336 –SoftwareControl

Table 336-1 SoftwareControl parameters

Parameters	
id notRunningSwVersion	runningSwVersion targetSwVersion

Table 336-2 id

Name	Value
Description	BTSEquipmentSoftware identifier.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 336-3 notRunningSwVersion

Name	Value
Default	No default
Description	The name of the not-running softwares descriptor file. Printable ASCII characters only.

(1 of 2)

Name	Value
Displayed name	NotRunningSwVersion (General)
Type	String

(2 of 2)

Table 336-4 runningSwVersion

Name	Value
Default	No default
Description	The name of the running softwares descriptor file. Printable ASCII characters only.
Displayed name	runningSwVersion (General)
Type	String

Table 336-5 targetSwVersion

Name	Value
Default	No default
Description	Software version to be used for automatic upgrade
Displayed name	targetSwVersion (General)
Type	String
Unset supported	Yes

337 –SpeedDependentBroadcastConf

Table 337-1 id

Name	Value
Description	SpeedDependentBroadcastConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

338 —*SpeedDependentConf*

Table 338-1 id

Name	Value
Description	SpeedDependentConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

339 –SpeedStateEvalBroadcastConf

Table 339-1 SpeedStateEvalBroadcastConf parameters

Parameters	
id nCellChangeHigh nCellChangeMedium qHystSfHigh	qHystSfMedium tEvaluation tHystNormal

Table 339-2 id

Name	Value
Description	SpeedStateEvalBroadcastConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 339-3 nCellChangeHigh

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType3. TS36.331: this parameter configures the IE n-CellChangeHigh included in the IE MobilityStateParameters. The number of cell changes to enter high mobility state. Corresponds to NCR_H in TS 36.304.
Displayed name	nCellChangeHigh (General)
Impact	No reset (class C)
Maximum	16
Minimum	1
Type	Integer
Units	number of cells changes

Table 339-4 nCellChangeMedium

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType3. TS36.331: this parameter configures the IE n-CellChangeMedium included in the IE MobilityStateParameters. The number of cell changes to enter medium mobility state. Corresponds to NCR_M in TS 36.304.
Displayed name	nCellChangeMedium (General)
Impact	No reset (class C)
Maximum	16
Minimum	1
Type	Integer
Units	number of cells changes

Table 339-5 qHystSfHigh

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType3. TS36.331: this parameter configures the IE sf-High included in the IE SpeedStateReselectionPars. Parameter "Speed dependent ScalingFactor for Qhyst" in TS 36.304. The sf-High concerns the additional hysteresis to be applied, in High Mobility state, to Qhyst as defined in TS 36.304. In dB. Value dB-6 corresponds to -6dB, dB-4 corresponds to -4dB and so on.
Displayed name	qHystSfHigh (General)
Impact	No reset (class C)
Type	QHystSpeedFactorsHighEnum
Units	dB

Table 339-6 qHystSfMedium

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType3. TS36.331: this parameter configures the IE sf-Medium included in the IE SpeedStateReselectionPars. Parameter "Speed dependent ScalingFactor for Qhyst" in TS 36.304. The sf-Medium concerns the additional hysteresis to be applied, in Medium Mobility state, to Qhyst as defined in TS 36.304. In dB. Value dB-6 corresponds to -6dB, dB-4 corresponds to -4dB and so on.
Displayed name	qHystSfMedium (General)
Impact	No reset (class C)
Type	QHystSpeedFactorsMediumEnum
Units	dB

Table 339-7 tEvaluation

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType3. TS36.331: this parameter configures the IE t-Evaluation included in the IE MobilityStateParameters. The duration for evaluating criteria to enter mobility states. Corresponds to TCRmax in TS 36.304. Value in seconds, s30 corresponds to 30 s and so on.
Displayed name	tEvaluation (General)
Impact	No reset (class C)
Type	TEvaluationEnum
Units	s

Table 339-8 tHystNormal

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType3. TS36.331: this parameter configures the IE t-HystNormal included in the IE MobilityStateParameters. The additional duration for evaluating criteria to enter normal mobility state. Corresponds to TCRmaxHyst in TS 36.304. Value in seconds, s30 corresponds to 30 s and so on.
Displayed name	tHystNormal (General)
Impact	No reset (class C)
Type	THystNormalEnum
Units	s

340 –SpeedStateEvalConf

Table 340-1 SpeedStateEvalConf parameters

Parameters	
id nCellChangeHigh nCellChangeMedium qHystSfHigh	qHystSfMedium tEvaluation tHystNormal

Table 340-2 id

Name	Value
Description	SpeedStateEvalConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 340-3 nCellChangeHigh

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE MeasConfig. TS36.331: this parameter configures the IE n-CellChangeHigh included in the IE MobilityStateParameters. The number of cell changes to enter high mobility state. Corresponds to NCR_H in TS 36.304.
Displayed name	nCellChangeHigh (General)
Impact	No reset (class C)
Maximum	16
Minimum	1
Type	Integer
Units	number of cells changes

Table 340-4 nCellChangeMedium

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE MeasConfig. TS36.331: this parameter configures the IE n-CellChangeMedium included in the IE MobilityStateParameters. The number of cell changes to enter medium mobility state. Corresponds to NCR_M in TS 36.304.
Displayed name	nCellChangeMedium (General)
Impact	No reset (class C)
Maximum	16
Minimum	1
Type	Integer
Units	number of cells changes

Table 340-5 qHystSfHigh

Name	Value
Description	This parameter contributes to the configuration of the IE SystemInformationBlockType3. This parameter configures the IE sf-High included in the IE SpeedStateReselectionPars. Parameter "Speed dependent ScalingFactor for Qhyst" in TS 36.304. The sf-High concerns the additional hysteresis to be applied, in High Mobility state, to Qhyst as defined in TS 36.304. In dB. Value dB-6 corresponds to -6dB, dB-4 corresponds to -4dB and so on. See TS36.331.
Displayed name	qHystSfHigh (General)
Impact	No reset (class C)
Type	QHystSpeedFactorsHighEnum
Units	dB

Table 340-6 qHystSfMedium

Name	Value
Description	This parameter contributes to the configuration of the IE SystemInformationBlockType3. This parameter configures the IE sf-Medium included in the IE SpeedStateReselectionPars. Parameter "Speed dependent ScalingFactor for Qhyst" in TS 36.304. The sf-Medium concerns the additional hysteresis to be applied, in Medium Mobility state, to Qhyst as defined in TS 36.304. In dB. Value dB-6 corresponds to -6dB, dB-4 corresponds to -4dB and so on. See TS36.331.
Displayed name	qHystSfMedium (General)
Impact	No reset (class C)
Type	QHystSpeedFactorsMediumEnum
Units	dB

Table 340-7 tEvaluation

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE MeasConfig. TS36.331: this parameter configures the IE t-Evaluation included in the IE MobilityStateParameters. The duration for evaluating criteria to enter mobility states. Corresponds to TCRmax in TS 36.304. Value in seconds, s30 corresponds to 30 s and so on.
Displayed name	tEvaluation (General)
Impact	No reset (class C)
Type	TEvaluationEnum
Units	s

Table 340-8 tHystNormal

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE MeasConfig. TS36.331: this parameter configures the IE t-HystNormal included in the IE MobilityStateParameters. The additional duration for evaluating criteria to enter normal mobility state. Corresponds to TCRmaxHyst in TS 36.304. Value in seconds, s30 corresponds to 30 s and so on.
Displayed name	tHystNormal (General)
Impact	No reset (class C)
Type	THystNormalEnum
Units	s

341 —SsacBarringForVideoMMTEL

Table 341-1 SsacBarringForVideoMMTEL parameters

Parameters	
accessBarringTime accessClass11Barring accessClass12Barring accessClass13Barring	accessClass14Barring accessClass15Barring accessProbabilityFactor id

Table 341-2 accessBarringTime

Name	Value
Default	s32
Description	This parameter determines the average time for which a UE considers the cell barred for originating calls. The UE sets timer T303 to a value $\{(0.7 + 0.6 * \text{rand}) * \text{accessBarringTime}\}$, where rand is a random value drawn between 0 and 1. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessBarringTime (General)
Impact	No reset (class C)
Type	AccessBarringTimeEnum
Units	s

Table 341-3 accessClass11Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 11 (For PLMN use) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass11Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 341-4 accessClass12Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 12 (Security Services) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass12Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 341-5 accessClass13Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 13 (Public Utilities) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass13Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 341-6 accessClass14Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 14 (Emergency Services) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.

(1 of 2)

Name	Value
Displayed name	accessClass14Barring (General)
Impact	No reset (class C)
Type	Boolean

(2 of 2)

Table 341-7 accessClass15Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 15 (PLMN Staff) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass15Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 341-8 accessProbabilityFactor

Name	Value
Default	p50
Description	This parameter determines the probability that a UE may access the cell for an originating call. When this parameter is set, the UE draws a random number between 0 and 1. If the drawn number is lesser than the accessProbabilityFactor, the UE considers the cell as not barred and may initiate an originating call. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessProbabilityFactor (General)
Impact	No reset (class C)
Type	AccessProbabilityFactorEnum
Units	%

Table 341-9 id

Name	Value
Description	SsacBarringForVideoMMTEL identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

342 –*SsacBarringForVoiceMMTEL*

Table 342-1 SsacBarringForVoiceMMTEL parameters

Parameters	
accessBarringTime accessClass11Barring accessClass12Barring accessClass13Barring	accessClass14Barring accessClass15Barring accessProbabilityFactor id

Table 342-2 accessBarringTime

Name	Value
Default	s32
Description	This parameter determines the average time for which a UE considers the cell barred for originating calls. The UE sets timer T303 to a value $\{(0.7 + 0.6 * \text{rand}) * \text{accessBarringTime}\}$, where rand is a random value drawn between 0 and 1. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessBarringTime (General)
Impact	No reset (class C)
Type	AccessBarringTimeEnum
Units	s

Table 342-3 accessClass11Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 11 (For PLMN use) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass11Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 342-4 accessClass12Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 12 (Security Services) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass12Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 342-5 accessClass13Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 13 (Public Utilities) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass13Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 342-6 accessClass14Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 14 (Emergency Services) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.

(1 of 2)

Name	Value
Displayed name	accessClass14Barring (General)
Impact	No reset (class C)
Type	Boolean

(2 of 2)

Table 342-7 accessClass15Barring

Name	Value
Default	False
Description	This parameter specifies whether the UE access class 15 (PLMN Staff) is barred in the cell for originating calls. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessClass15Barring (General)
Impact	No reset (class C)
Type	Boolean

Table 342-8 accessProbabilityFactor

Name	Value
Default	p50
Description	This parameter determines the probability that a UE may access the cell for an originating call. When this parameter is set, the UE draws a random number between 0 and 1. If the drawn number is lesser than the accessProbabilityFactor, the UE considers the cell as not barred and may initiate an originating call. See TS 36.331. Broadcast in SystemInformationBlockType2.
Displayed name	accessProbabilityFactor (General)
Impact	No reset (class C)
Type	AccessProbabilityFactorEnum
Units	%

Table 342-9 id

Name	Value
Description	SsacBarringForVoiceMMTEL identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

343 –SubscAndEquipmentTraces

Table 343-1 SubscAndEquipmentTraces parameters

Parameters	
id isPCMDEnabled isPostMortemTraceEnabled	isSignBasedCTEnabled isSnapshotTraceEnabled

Table 343-2 id

Name	Value
Description	SubscAndEquipmentTraces identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 343-3 isPCMDEnabled

Name	Value
Default	False
Description	Activate or deactivate eNodeB PCMD collection

(1 of 2)

Name	Value
Displayed name	isPCMDEnabled (General)
Impact	No reset (class C)
Type	Boolean

(2 of 2)

Table 343-4 isPostMortemTraceEnabled

Name	Value
Default	False
Description	Activate or deactivate eNodeB post mortem debug trace collection
Impact	No reset (class C)
Type	Boolean

Table 343-5 isSignBasedCTEnabled

Name	Value
Default	False
Description	Deactivate Signaling Based Trace. If false is selected the eNodeB will deactivate all the signaling based traces on all the cells.
Displayed name	isSignBasedCTEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 343-6 isSnapshotTraceEnabled

Name	Value
Default	False
Description	Activate or deactivate eNodeB snapshot debug trace collection
Impact	No reset (class C)
Type	Boolean

344 –SyncEClockSync

Table 344-1 SyncEClockSync parameters

Parameters	
id	syncEsupportSSM

Table 344-2 id

Name	Value
Description	SyncEClockSync identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 344-3 syncEsupportSSM

Name	Value
Default	True
Description	Informs eNB whether transport network supports SSM. True=Enabled, False=Disabled
Displayed name	syncEsupportSSM (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	Boolean

(2 of 2)

345 –SysInfoConf

Table 345-1 SysInfoConf parameters

Parameters	
id	sib6SchedulingClass
numberRBnotForSIB	sib7SchedulingClass
sib12SchedulingClass	sib8SchedulingClass
sib13SchedulingClass	sibClass1TargetMCS
sib1TargetMCS	sibClass1TargetPeriodicity
sib2SchedulingClass	sibClass2TargetMCS
sib3SchedulingClass	sibClass2TargetPeriodicity
sib4SchedulingClass	sibClass3TargetMCS
sib5SchedulingClass	sibClass3TargetPeriodicity

Table 345-2 id

Name	Value
Description	SysInfoConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 345-3 numberRBnotForSIB

Name	Value
Default	0
Description	This parameter specifies the number of RBs that will not be used in DL by System Information Messages, in all sub-frames except sub-frame 0. This permits to keep room for VoIP allocation, for example. This cannot be guaranteed for sub-frame 0, which holds PBCH and SCH.
Displayed name	numberRBnotForSIB (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 345-4 sib12SchedulingClass

Name	Value
Default	2
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 12.
Displayed name	sib12SchedulingClass (General)
Impact	No reset (class C)
Maximum	3
Minimum	1
Type	Integer

Table 345-5 sib13SchedulingClass

Name	Value
Default	3
Description	This parameter defines the SIB Scheduling Class id for SystemInformationBlockType 13.
Displayed name	sib13SchedulingClass (General)
Impact	No reset (class C)
Maximum	3
Minimum	1
Type	Integer

Table 345-6 sib1TargetMCS

Name	Value
Default	2
Description	This parameter specifies the target MCS to be applied for transmission of SystemInformationBlockType1, the number of retransmissions being fixed to 3 by 3GPP.
Displayed name	sib1TargetMCS (General)
Impact	No reset (class C)
Maximum	9
Minimum	0
Type	Integer

Table 345-7 sib2SchedulingClass

Name	Value
Default	1
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 2.
Displayed name	sib2SchedulingClass (General)
Impact	No reset (class C)
Maximum	3
Minimum	1
Type	Integer

Table 345-8 sib3SchedulingClass

Name	Value
Default	1
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 3.
Displayed name	sib3SchedulingClass (General)
Impact	No reset (class C)
Maximum	3
Minimum	1
Type	Integer

Table 345-9 sib4SchedulingClass

Name	Value
Default	3
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 4.
Displayed name	sib4SchedulingClass (General)
Impact	No reset (class C)
Maximum	3
Minimum	1
Type	Integer

Table 345-10 sib5SchedulingClass

Name	Value
Default	3
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 5.
Displayed name	sib5SchedulingClass (General)
Impact	No reset (class C)
Maximum	3
Minimum	1
Type	Integer

Table 345-11 sib6SchedulingClass

Name	Value
Default	3
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 6.
Displayed name	sib6SchedulingClass (General)
Impact	No reset (class C)
Maximum	3
Minimum	1
Type	Integer

Table 345-12 sib7SchedulingClass

Name	Value
Default	3
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 7.
Displayed name	sib7SchedulingClass (General)
Impact	No reset (class C)
Maximum	3
Minimum	1
Type	Integer

Table 345-13 sib8SchedulingClass

Name	Value
Default	3
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 8.
Displayed name	sib8SchedulingClass (General)
Impact	No reset (class C)
Maximum	3
Minimum	1
Type	Integer

Table 345-14 sibClass1TargetMCS

Name	Value
Default	0
Description	This parameter specifies the target MCS to be applied for transmissions of SIB Scheduling Class 1, when no retransmissions are done.
Displayed name	sibClass1TargetMCS (General)
Impact	No reset (class C)
Maximum	9
Minimum	0
Type	Integer

Table 345-15 sibClass1TargetPeriodicity

Name	Value
Default	rf16
Description	This parameter specifies the target periodicity to be applied for transmissions of SIB Scheduling Class 1, broadcasted in SIB1.
Displayed name	sibClass1TargetPeriodicity (General)
Impact	No reset (class C)
Type	SibClassPeriodicityEnum

Table 345-16 sibClass2TargetMCS

Name	Value
Default	0
Description	This parameter specifies the target MCS to be applied for transmissions of SIB Scheduling Class 2, when no retransmissions are done
Displayed name	sibClass2TargetMCS (General)
Impact	No reset (class C)
Maximum	9
Minimum	0
Type	Integer

Table 345-17 sibClass2TargetPeriodicity

Name	Value
Default	rf32
Description	This parameter specifies the target periodicity to be applied for transmissions of SIB Scheduling Class 2, broadcasted in SIB1.
Displayed name	sibClass2TargetPeriodicity (General)
Impact	No reset (class C)
Type	SibClassPeriodicityEnum

Table 345-18 sibClass3TargetMCS

Name	Value
Default	0
Description	This parameter specifies the target MCS to be applied for transmissions of SIB Scheduling Class 3, when no retransmissions are done.

(1 of 2)

Name	Value
Displayed name	sibClass3TargetMCS (General)
Impact	No reset (class C)
Maximum	9
Minimum	0
Type	Integer

(2 of 2)

Table 345-19 sibClass3TargetPeriodicity

Name	Value
Default	rf64
Description	This parameter specifies the target periodicity to be applied for transmissions of SIB Scheduling Class 3, broadcasted in SIB1.
Displayed name	sibClass3TargetPeriodicity (General)
Impact	No reset (class C)
Type	SibClassPeriodicityEnum

346 –ThresholdGroup

Table 346-1 ThresholdGroup parameters

Parameters	
administrativeState siteIdAddressType	thresholdGroupId thresholdInterval

Table 346-2 administrativeState

Name	Value
Default	outOfService
Description	Specifies whether the mobile gateway's administrative state is enabled or disabled.
Displayed name	Administrative State (General)
Type	AdministrativeState

Table 346-3 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 346-4 thresholdGroupId

Name	Value
Default	No default
Description	Specifies the polling interval of the threshold based monitoring for the group.
Displayed name	Threshold Group (General)
Mandatory on creation	Yes
Type	ThresholdGroupTypes

Table 346-5 thresholdInterval

Name	Value
Default	5
Description	Specifies the polling interval of the threshold based monitoring for the group.
Displayed name	Interval (General)
Maximum	60
Minimum	5
Type	Integer
Units	minutes

347 – ThresholdGroupCounter

Table 347-1 ThresholdGroupCounter parameters

Parameters	
highThreshold lowThreshold siteIdAddressType	thresholdCounterId thresholdGroupId type

Table 347-2 highThreshold

Name	Value
Description	Specifies the high threshold for the counter to be monitored
Displayed name	High Threshold (General)
Maximum	20000000
Minimum	0
Type	Long integer

Table 347-3 lowThreshold

Name	Value
Description	Specifies the low threshold for the counter to be monitored
Displayed name	Low Threshold (General)
Maximum	20000000

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Name	Value
Minimum	0
Type	Long integer

(2 of 2)

Table 347-4 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 347-5 thresholdCounterId

Name	Value
Default	No default
Description	Specifies the polling interval of the threshold based monitoring for the group.
Displayed name	Threshold Counter (General)
Mandatory on creation	Yes
Type	ThresholdCounterTypes

Table 347-6 thresholdGroupId

Name	Value
Default	No default
Description	Specifies the polling interval of the threshold based monitoring for the group.
Mandatory on creation	Yes
Type	ThresholdGroupTypes

Table 347-7 type

Name	Value
Default	None
Type	EpcTypes

348 – TimeToTriggerConf

Table 348-1 TimeToTriggerConf parameters

Parameters	
id timeToTriggerSfHigh	timeToTriggerSfMedium

Table 348-2 id

Name	Value
Description	TimeToTriggerConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 348-3 timeToTriggerSfHigh

Name	Value
Description	TS36.331: this parameter configures the timeToTrigger-SF included in the IE MeasConfig. Parameter "Speed dependent ScalingFactor for timeToTrigger". The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	timeToTriggerSfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum

Table 348-4 timeToTriggerSfMedium

Name	Value
Description	TS36.331: this parameter configures the timeToTrigger-SF included in the IE MeasConfig. Parameter "Speed dependent ScalingFactor for timeToTrigger". The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	timeToTriggerSfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum

349 – TMA

Table 349-1 TMA parameters

Parameters	
tmaAldRowStatus tmaLogicalNumber	tmaSoftwareFileName

Table 349-2 tmaAldRowStatus

Name	Value
Mandatory on creation	Yes
Type	Integer

Table 349-3 tmaLogicalNumber

Name	Value
Description	User friendly simple logical identifier assigned for the TMA.
Displayed name	Logical Number (General)
displayed	TMA Logical Number
Mandatory on creation	Yes
Maximum	6
Minimum	1
Type	Long integer

Table 349-4 tmaSoftwareFileName

Name	Value
Description	Operator-provided NEM path and filename for the image to be loaded onto the ALD.
Displayed name	Tma Software Filename (General)
Mandatory on creation	Yes
Type	String

350 – TmaSubUnit

Table 350-1 TmaSubUnit parameters

Parameters	
tmaAldRitNumber tmaBypassMode	tmaSelfTest tmaSubUnitIndex

Table 350-2 tmaAldRitNumber

Name	Value
Description	Unique identifier for a TMA within an eNB.
Mandatory on creation	Yes
Maximum	2147483647
Minimum	1
Type	Long integer

Table 350-3 tmaBypassMode

Name	Value
Description	Flag to allow configuration of no TMA usage on this antenna port if set to 'true'. Default is 'false'. Indicates whether the gain stage of this TMA subunit is bypassed .
Displayed name	Bypass Mode (General)
Type	TmaBypassModeEnum

Table 350-4 tmaSelfTest

Name	Value
Description	A TMA test procedure to check physical and processor functions may be triggered by setting this object to 'true'.
Displayed name	Self Test (General)
Type	TmaSelfTestEnum

Table 350-5 tmaSubUnitIndex

Name	Value
Description	Index of the TMA subunits associated with this TMA unit.
Displayed name	ID (General)
Mandatory on creation	Yes
Maximum	4
Minimum	1
Type	Long integer

351 –TrackingArea

Table 351-1 TrackingArea parameters

Parameters	
closeSessionOnFirstFailure deleteEarlierSessionBeforeNewSession id	tAC uniqueName

Table 351-2 closeSessionOnFirstFailure

Name	Value
Default	False
Description	closes the activation Session when encounters the first validation failure on any NE
Displayed name	Close Session On First Failure (General)
Mandatory on creation	Yes
Type	Boolean

Table 351-3 deleteEarlierSessionBeforeNewSession

Name	Value
Default	True
Description	Deletes earlier activation Session when new session has to be started. New Session gets started when ever operator modifies the Task such as addition/deletion/modification and re-distribution

(1 of 2)

Name	Value
Displayed name	Delete Earlier Session Before Creating New Session (General)
Mandatory on creation	Yes
Type	Boolean

(2 of 2)

Table 351-4 id

Name	Value
Default	0
Description	SAM internal ID for the Global object representing an TAI
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Long integer

Table 351-5 tAC

Name	Value
Description	Tracking Area Code.
Displayed name	Tracking Area Code (General)
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Integer

Table 351-6 uniqueName

Name	Value
Default	assignENBstoTA-
Description	String representing the Unique Name of a LTE Provisioning Task instance.
Export	No
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	String

352 –TrafficBasedReleaseConf

Table 352-1 TrafficBasedReleaseConf parameters

Parameters	
averageWindow dlBufferOccupancyThreshold dlThroughputThreshold id	rrcOnlyCnxLifeTime timeToTrigger timeToTriggerUntil_V2_x

Table 352-2 averageWindow

Name	Value
Displayed name	averageWindow (General)
Impact	No reset (class C)
Maximum	10000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 352-3 dlBufferOccupancyThreshold

Name	Value
Description	This parameter is used to determine the level of DL traffic activity of a user. One necessary condition to release the UE context: the RLC SDU buffer occupancy remains below or equal to that threshold during timeToTrigger.
Displayed name	dlBufferOccupancyThreshold (General)
Impact	No reset (class C)
Maximum	65535
Minimum	0
Type	Integer
Units	octets

Table 352-4 dlThroughputThreshold

Name	Value
Description	used to determine the level of DL traffic activity of a user. One necessary condition to release the UE context: the throughput remains below or equal to that threshold during timeToTrigger1.
Displayed name	dlThroughputThreshold (General)
Impact	No reset (class C)
Maximum	32000
Minimum	0
Type	Integer
Units	b/s

Table 352-5 id

Name	Value
Description	TrafficBasedReleaseConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 352-6 rrcOnlyCnxLifeTime

Name	Value
Description	This timer is armed by eNB for a given UE when the first dedicated message is received from the MME (Initial Context Setup Request or Downlink NAS Transport). The timer is stopped when a transport bearer is established.
Displayed name	rrcOnlyCnxLifeTime (General)
Impact	No reset (class C)
Maximum	86400
Minimum	1
Type	Integer
Units	s

Table 352-7 timeToTrigger

Name	Value
Default	10
Description	This timer is started in the eNodeB when the DL UE traffic becomes below the traffic monitoring thresholds. On timer expiry, the UE context is released from the eNodeB.
Displayed name	timeToTrigger (General)
Impact	No reset (class C)
Maximum	1080000
Minimum	1
Step	0.1
Type	Floating point
Units	s

Table 352-8 timeToTriggerUntil_V2_x

Name	Value
Default	10
Description	This timer is started in the eNodeB when the DL UE traffic becomes below the traffic monitoring thresholds. On timer expiry, the UE context is released from the eNodeB.
Displayed name	timeToTrigger (General)
Impact	No reset (class C)
Maximum	1080000
Minimum	10
Step	10

(1 of 2)

Name	Value
Type	Integer
Units	ms

(2 of 2)

353 – TrafficDescriptor

Table 353-1 TrafficDescriptor parameters

Parameters	
eNBIPSecPolicy	ipv4SubNetMaskType
id	ipv6Address
ipConfigMode	ipv6AddressFirstHopRouter
ipFormat	ipv6AddressFirstHopRouterType
ipv4Address	ipv6AddressType
ipv4AddressFirstHopRouter	ipv6RoutingPrefixLength
ipv4AddressFirstHopRouterType	ipv6RoutingPrefixLengthV4
ipv4AddressType	trafficTypeList
ipv4SubNetMask	

Table 353-2 eNBIPSecPolicy

Name	Value
Description	This parameter is a list of from 1 to 6 elements. Each element selects, for a specific traffic type, the IPsec policy which is to be applied at the eNodeB end. The traffic type in question is the type that is identified in the corresponding position in the "trafficTypeList".
Impact	Full reset (class A)
Type	List name ENBIPSecPolicyType maps to: ENBIPSecPolicyTypeEnum

Table 353-3 id

Name	Value
Description	TrafficDescriptor identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	2
Minimum	0
Type	Integer

Table 353-4 ipConfigMode

Name	Value
Default	automatic
Description	This parameter indicates the way eNB gets the IP address for OAM. The following alternatives are supported: - provisioned: the eNB uses the OAM IP address provisioned in ipv4Address or ipv6Address of Vlan/0 trafficDescriptor/0. - automatic: the eNB uses DHCP to get the OAM IP address.
Displayed name	ipConfigMode (General)
Impact	Full reset (class A)
Type	IpConfigModeEnum

Table 353-5 ipFormat

Name	Value
Default	IPv4
Description	This attribute indicates the format of the IP address (IPv4 or IPv6) that shall be used for an instance of the "TrafficDescriptor" MO. Either ipv4Address or ipv6Address shall be provided according to this parameter.
Displayed name	ipFormat (General)
Impact	Full reset (class A)
Type	IpFormat

Table 353-6 ipv4Address

Name	Value
Default	0.0.0.0
Description	This attribute indicates IPv4 address for eNodeB application assigned to the traffic descriptor.

(1 of 2)

Name	Value
Displayed name	ipv4Address (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

(2 of 2)

Table 353-7 ipv4AddressFirstHopRouter

Name	Value
Default	0.0.0.0
Description	This parameter specifies the IPv4 address of the default gateway for the TrafficDescriptor instance.
Displayed name	ipv4AddressFirstHopRouter (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 353-8 ipv4AddressFirstHopRouterType

Name	Value
Default	ipv4
Description	This parameter specifies the IPv4 address of the default gateway for the TrafficDescriptor instance.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 353-9 ipv4AddressType

Name	Value
Default	ipv4
Description	This attribute indicates IPv4 address for eNodeB application assigned to the traffic descriptor.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 353-10 ipv4SubNetMask

Name	Value
Default	0.0.0.0
Description	This parameter specifies the IPv4 subnet mask for the TrafficDescriptor instance.
Displayed name	ipv4SubNetMask (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 353-11 ipv4SubNetMaskType

Name	Value
Default	ipv4
Description	This parameter specifies the IPv4 subnet mask for the TrafficDescriptor instance.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 353-12 ipv6Address

Name	Value
Default	0:0:0:0:0:0:0:0
Description	This attribute indicates IPv6 address for eNodeB application assigned to the "TrafficDescriptor" MO.
Displayed name	ipv6Address (General)
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

Table 353-13 ipv6AddressFirstHopRouter

Name	Value
Default	0:0:0:0:0:0:0:0
Description	This parameter specifies the IPv6 address of the default gateway for the TrafficDescriptor instance.
Displayed name	ipv6AddressFirstHopRouter (General)

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Name	Value
Impact	Full reset (class A)
Type	IP address
Unset supported	Yes

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Table 353-14 ipv6AddressFirstHopRouterType

Name	Value
Default	ipv6
Description	This parameter specifies the IPv6 address of the default gateway for the TrafficDescriptor instance.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 353-15 ipv6AddressType

Name	Value
Default	ipv6
Description	This attribute indicates IPv6 address for eNodeB application assigned to the "TrafficDescriptor" MO.
Export	No
Type	InetAddressType
Unset supported	Yes

Table 353-16 ipv6RoutingPrefixLength

Name	Value
Default	64
Description	This parameter specifies the IPv6 subnet mask for the TrafficDescriptor instance.
Displayed name	ipv6RoutingPrefixLength (General)
Impact	Full reset (class A)
Maximum	128
Minimum	0
Type	String
Unset supported	Yes

Table 353-17 ipv6RoutingPrefixLengthV4

Name	Value
Description	This parameter specifies the IPv6 subnet mask for the TrafficDescriptor instance.
Displayed name	ipv6RoutingPrefixLength (General)
Impact	Full reset (class A)
Maximum	128
Minimum	0
Type	Integer
Unset supported	Yes

Table 353-18 trafficTypeList

Name	Value
Description	The list of traffic types are OAM, S1-U, S1-C, X2-U, X2-C, 1588 using the IPv4 or IPv6 address assigned to the "TrafficDescriptor" MO.
Impact	Full reset (class A)
Type	List name TrafficTypeListType maps to: TrafficTypeEnum

354 – TrafficRadioBearerConf

Table 354-1 TrafficRadioBearerConf parameters

Parameters	
dataForwardingForS1HoEnabled	macOuterLoopBlerControlTargetBlerDL
dataForwardingForX2HoEnabled	macSINROffsetForLinkAdaptationDL
id	packetDelayBudget
logicalChannelbucketSizeDurationUL	pdcpConfId
logicalChannelConfId	pdcpDLLosslessBufferCoefficients
logicalChannelGroupUL	pdcpDLSourceS1BufferCoefficients
logicalChannelPrioritizedBitRateUL	pdcpDLTargetDataForwardingBufferCoefficients
logicalChannelPriorityDL	pdcpDLTargetS1BufferCoefficients
logicalChannelPriorityUL	pdcpLosslessBufferHigherThreshold
logicalChannelSRMask	pdcpLosslessBufferLowerThreshold
macBOIncreaseUponResourceRequestUL	pdcpULTargetS1BufferCoefficients
macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUL	prbReservationFactor
macBOInitialValueUponHandoverUL	qCI
macBOInitialValueUponULdataArrivalUL	qciGroup
macBOMaxValueUL	reactiveLoadControlActionForBearerAdmission
macBOminimumPeriodicIncreaseValue	rlcConfId
macBOoverheadUL	rlcDiscardTimerEnb
macBOperiodicIncreaseEnabledUL	rlcPdcpFlowControlEnabled
macBOPeriodicIncreasePeriodUL	rlcSduBufferCoefficients
macBOWeightUL	rlcSduBufferHigherThreshold
macHARQMaxNumberOfTransmissionDL	rlcSduBufferLowerThreshold
macHARQMaxTimerDL	rohcMaxCid
macInitialMCSIndexForBearerSetupDL	rohcProfiles
macMIMOModeDL	trafficRadioBearerConfName

Table 354-2 dataForwardingForS1HoEnabled

Name	Value
Default	True
Description	This flag enables or disables the data forwarding for this Radio Bearer in case of S1 HO. If set to true on both source and target eNodeB, data forwarding will be performed. If set to False on either source or target eNodeB, there will be no data forwarding.
Displayed name	dataForwardingForS1HoEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 354-3 dataForwardingForX2HoEnabled

Name	Value
Default	True
Description	This parameter enables or disables the data forwarding for the Radio Bearer in case of X2 HO.
Displayed name	dataForwardingForX2HoEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 354-4 id

Name	Value
Description	TrafficRadioBearerConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	254
Minimum	0
Type	Integer

Table 354-5 logicalChannelbucketSizeDurationUL

Name	Value
Description	This parameter describes the bucket size duration used for logical channel prioritization purposes, as per 36.321. One value is signaled to the UE per logical channel
Displayed name	logicalChannelbucketSizeDurationUL (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Type	BucketSizeDurationEnum
Units	ms

(2 of 2)

Table 354-6 logicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for configuration
Export	No
Impact	Partial reset (class B)
Type	String

Table 354-7 logicalChannelGroupUL

Name	Value
Description	This parameter is used to indicate the group id of the uplink logical channel in the Buffer Status reports. See TS 36.321
Displayed name	logicalChannelGroupUL (General)
Impact	Partial reset (class B)
Type	BufferOccupancyEnum

Table 354-8 logicalChannelPrioritizedBitRateUL

Name	Value
Default	kBps8
Description	This parameter specifies the prioritized bit rate of an uplink logical channel, as per 36.321. One value is signaled to the UE per logical channel.
Displayed name	logicalChannelPrioritizedBitRateUL (General)
Impact	No reset (class C)
Type	LogicalChannelPrioritizedBitRateEnum
Units	Kbytes/s

Table 354-9 logicalChannelPriorityDL

Name	Value
Default	1
Description	This parameter specifies the priority used for scheduling when the delay for packet transmission reaches the PacketDelayBudget.
Displayed name	logicalChannelPriorityDL (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer

Table 354-10 logicalChannelPriorityUL

Name	Value
Default	1
Description	This parameter specifies the priority of a logical channel as per 36.321. One value is signaled to the UE per logical channel.
Displayed name	logicalChannelPriorityUL (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer

Table 354-11 logicalChannelSRMask

Name	Value
Default	True
Description	This parameter controls the one bit flag provided to release 9 UEs or later upon creation or reconfiguration of an uplink radio bearer TRB. When set to true, it indicates that the UE should inhibit for that radio bearer the triggering of Scheduling Requests when the UE is configured with an SPS inactive grants.
Displayed name	logicalChannelSRMask (General)
Impact	Partial reset (class B)
Type	Boolean

Table 354-12 macBOIncreaseUponResourceRequestUI

Name	Value
Default	500
Description	This parameter specifies the systematic BE increase upon receipt of a Scheduling Request.
Displayed name	macBOIncreaseUponResourceRequestUI (General)
Impact	Partial reset (class B)
Maximum	20000
Minimum	0
Type	Integer

Table 354-13 macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUI

Name	Value
Description	This parameter specifies the BO increase to be used for PRB calculation, upon receipt of a Scheduling Request. The parameter is used by calculating the maximum TB size which impacts the actual assigned PRB number, for the UE which raised the Scheduling Request.
Displayed name	macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUI (General)
Impact	Partial reset (class B)
Maximum	20000
Minimum	0
Type	Integer

Table 354-14 macBOInitialValueUponHandoverUI

Name	Value
Default	1000
Description	This parameter specifies the initial value of the BO estimate for a newly created UE context in a handover scenario.
Displayed name	macBOInitialValueUponHandoverUI (General)
Impact	Partial reset (class B)
Maximum	200000
Minimum	0
Type	Integer

Table 354-15 macBOInitialValueUponULdataArrivalUL

Name	Value
Default	0
Description	This parameter specifies the initial value of the BO estimate for a newly created UE context in the case of UL data arrival.
Displayed name	macBOInitialValueUponULdataArrivalUL (General)
Impact	Partial reset (class B)
Maximum	200000
Minimum	0
Type	Integer

Table 354-16 macBOMaxValueUI

Name	Value
Default	50000
Description	This parameter specifies the maximum BO estimate value that can be made on a particular UL logical channel.
Displayed name	macBOMaxValueUI (General)
Impact	Partial reset (class B)
Maximum	200000
Minimum	0
Type	Integer

Table 354-17 mACBOminimumPeriodicIncreaseValue

Name	Value
Default	5
Description	This parameter defines the minimum UL BO periodic increase value. It is used, typically, when GBR=0 for the bearer.
Displayed name	mACBOminimumPeriodicIncreaseValue (General)
Impact	Partial reset (class B)
Maximum	512
Minimum	0
Type	Integer
Units	bytes

Table 354-18 macBOoverheadUI

Name	Value
Default	3
Description	This parameter specifies the estimated average UL MAC overhead per MAC PDU.
Displayed name	macBOoverheadUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 354-19 macBOperiodicIncreaseEnabledUI

Name	Value
Default	disabled
Description	This parameter enables or disables periodic UL BO increase.
Displayed name	macBOperiodicIncreaseEnabledUI (General)
Impact	Partial reset (class B)
Type	DisabledEnabledEnum

Table 354-20 macBOPeriodicIncreasePeriodUI

Name	Value
Default	5
Description	This parameter specifies, in ms, the period of periodic Buffer Estimate increase when configured.
Displayed name	macBOPeriodicIncreasePeriodUI (General)
Impact	Partial reset (class B)
Maximum	250
Minimum	1
Type	Integer

Table 354-21 macBOWeightUl

Name	Value
Default	100
Description	This parameter specifies the weight used for the computation of the UE UL QoS weight of the Buffer Occupancy component.
Displayed name	macBOWeightUl (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 354-22 macHARQMaxNumberOfTransmissionDl

Name	Value
Default	8
Description	This parameter specifies the maximum number of HARQ transmissions attempts for DTCH.
Displayed name	macHARQMaxNumberOfTransmissionDl (General)
Impact	No reset (class C)
Maximum	8
Minimum	1
Type	Integer

Table 354-23 macHARQMaxTimerDl

Name	Value
Default	94
Description	This parameter specifies the maximum time allowed for the completion of a HARQ process. The timer is started at the time of the first transmission of the HARQ process. On timer expiry, the HARQ process is terminated.
Displayed name	macHARQMaxTimerDl (General)
Impact	No reset (class C)
Maximum	500
Minimum	1
Type	Integer
Units	ms

Table 354-24 macInitialMCSIndexForBearerSetupDL

Name	Value
Default	4
Description	This parameter specifies the initial Modulation and Coding Scheme to be used at call setup.
Displayed name	macInitialMCSIndexForBearerSetupDL (General)
Impact	No reset (class C)
Maximum	28
Minimum	0
Type	Integer

Table 354-25 macMIMOModeDL

Name	Value
Default	mimoTwoLayersNotAllowed
Description	This parameter specifies the MIMO mode allowed for PDSCH.
Displayed name	macMIMOModeDL (General)
Impact	No reset (class C)
Type	MIMOModeEnum

Table 354-26 macOuterLoopBlerControlTargetBlerDL

Name	Value
Default	10
Description	This parameter specifies the target BLER for the DL outer loop BLER control. The value 0 disables the BLC; the other values define the target BLER.
Displayed name	macOuterLoopBlerControlTargetBlerDL (General)
Impact	No reset (class C)
Maximum	50
Minimum	0
Type	Integer
Units	%

Table 354-27 macSINROffsetForLinkAdaptationDL

Name	Value
Default	0
Description	This parameter specifies the SINR offset that applies in the Link Adaptation in the bearer configuration.
Displayed name	macSINROffsetForLinkAdaptationDL (General)
Impact	No reset (class C)
Maximum	20
Minimum	-20
Step	0.25
Type	Floating point
Units	dB

Table 354-28 packetDelayBudget

Name	Value
Default	80
Description	This parameter specifies the maximum packet delay in the eNodeB allowed before a scheduling is triggered according to the logicalChannelPriorityDL.
Displayed name	packetDelayBudget (General)
Impact	Partial reset (class B)
Maximum	10000
Minimum	30
Step	10
Type	Integer
Units	ms

Table 354-29 pdcpConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpcConf used for configuration
Export	No
Impact	No reset (class C)
Type	String

Table 354-30 pdcpDILosslessBufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the DL PDCP lossless buffer size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = $\text{Min}[(\text{SF} + \text{SA}), 4096]$ Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: $\text{SA} = \text{Ceil}[(\text{GBR} \cdot \text{T} \cdot \text{WQ} / 100) / (8 \cdot \text{AP})]$ For Non-GBR bearers: $\text{SA} = \text{Ceil}[(\text{AMBR} \cdot \text{T} \cdot \text{WQ} / 100) / (8 \cdot \text{AP})]$ Where the GBR or AMBR shall use the unit of kbps, and shall be the values for DL. WQ is an integer between 0 and 100. The parameter list is {SF, T, WQ, AP}. It shall be applied only to RLC AM mode.
Impact	No reset (class C)
Type	PdcpDILosslessBufferCoefficientsType

Table 354-31 pdcpDISourceS1BufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the source eNodeB PDCP DL S1 buffer size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets SC - The ceiling of the buffer (maximum capped size), in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = $\text{Min}[(\text{SF} + \text{SA}), \text{SC}]$ Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: $\text{SA} = \text{Ceil}[(\text{GBR} \cdot \text{T} \cdot \text{WQ} / 100) / (8 \cdot \text{AP})]$ For Non-GBR bearers: $\text{SA} = \text{Ceil}[(\text{AMBR} \cdot \text{T} \cdot \text{WQ} / 100) / (8 \cdot \text{AP})]$ Where the GBR or AMBR shall use the unit of kbps, and shall be the values for DL. WQ is an integer between 0 and 100. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset (class C)
Type	PdcpDISourceS1BufferCoefficientsType

Table 354-32 pdcpDlTargetDataForwardingBufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the target eNodeB PDCP data forwarding buffer (for either X2 direct or S1 indirect forwarding) size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets SC - The ceiling of the buffer (maximum capped size), in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = $\text{Min}[(SF + SA), SC]$ Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: $SA = \text{Ceil}[(GBR \cdot T \cdot WQ / 100) / (8 \cdot AP)]$ For Non-GBR bearers: $SA = \text{Ceil}[(AMBR \cdot T \cdot WQ / 100) / (8 \cdot AP)]$ Where the GBR or AMBR shall use the unit of kbps, and shall be the values for DL. WQ is an integer between 0 and 100. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset (class C)
Type	PdcpDlTargetDataForwardingBufferCoefficientsType

Table 354-33 pdcpDlTargetS1BufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the target eNodeB PDCP DL S1 buffer size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets SC - The ceiling of the buffer (maximum capped size), in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = $\text{Min}[(SF + SA), SC]$ Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: $SA = \text{Ceil}[(GBR \cdot T \cdot WQ / 100) / (8 \cdot AP)]$ For Non-GBR bearers: $SA = \text{Ceil}[(AMBR \cdot T \cdot WQ / 100) / (8 \cdot AP)]$ Where the GBR or AMBR shall use the unit of kbps, and shall be the values for DL. WQ is an integer between 0 and 100. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset (class C)
Type	PdcpDlTargetS1BufferCoefficientsType

Table 354-34 pdcpLosslessBufferHigherThreshold

Name	Value
Default	80
Description	The higher threshold (TH_High) for the PDCP lossless buffer for RLC-PDCP flow control. It is percentage based so the real higher buffer threshold in terms of bytes or packets can be calculated. This parameter applies to AM TRBs only.
Displayed name	pdcpLosslessBufferHigherThreshold (General)
Impact	No reset (class C)
Maximum	100

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Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 354-35 pdcpLosslessBufferLowerThreshold

Name	Value
Default	30
Description	This parameter specifies the lower threshold (TH_Low) for the PDCP lossless buffer for RLC-PDCP flow control. It is percentage based so the real lower buffer threshold in terms of bytes or packets can be calculated. This parameter applies to AM TRBs only.
Displayed name	pdcpLosslessBufferLowerThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 354-36 pdcpUITargetS1BufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the target eNodeB UL PDCP S1 buffer size, in terms of number of packets. The list includes: SF - The base size (floor or minimum) of the buffer, in terms of number of packets SC - The ceiling of the buffer (maximum capped size), in terms of number of packets T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% AP - Average packet (PDCP SDU) size, in terms of bytes The buffer size = Min [(SF + SA), SC] Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: SA = Ceil [(GBR*T*WQ/100)/(8*AP)] For Non-GBR bearers: SA = Ceil [(AMBR*T*WQ/100)/(8*AP)] Where the GBR or AMBR shall use the unit of kbps, and shall be the values for UL. WQ is an integer between 0 and 100. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset (class C)
Type	PdcpUITargetS1BufferCoefficientsType

Table 354-37 prbReservationFactor

Name	Value
Description	This parameter is a CAC multiplication factor for GBR bearers PRB reservation. It is multiplied by GBR during CAC. It is also used for PRB licensing feature as well, in the PRB allocator. Typically for voice this value is 65 because VAD reduces PRB consumption to 60 % of nominal and RTCP adds 5%.
Displayed name	prbReservationFactor (General)
Impact	No reset (class C)
Maximum	100
Minimum	1
Type	Integer
Units	%
Unset supported	Yes

Table 354-38 qCI

Name	Value
Description	This parameter identifies the value of the QoS Class Identifier (QCI)
Displayed name	qCI (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer

Table 354-39 qciGroup

Name	Value
Description	This parameter specifies index of qciGroup that QCI of this instance belongs to.
Displayed name	qciGroup (General)
Impact	No reset (class C)
Maximum	32
Minimum	1
Type	Integer
Unset supported	Yes

Table 354-40 reactiveLoadControlActionForBearerAdmission

Name	Value
Default	outgoingMobility
Description	This parameter specifies the action (bearer release, or UE offload) to be performed upon the configured bearer if it is pre-empted by the admission of another bearer under reactive load control. Note that the applicable parameter value is taken from the instance of "TrafficRadioBearerConf" associated with the pre-empted bearer, not from the instance associated with the bearer that is being admitted.
Displayed name	reactiveLoadControlActionForBearerAdmission (General)
Impact	No reset (class C)
Type	BearerPreemptionActionEnum

Table 354-41 rlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for configuration
Export	No
Impact	Partial reset (class B)
Type	String

Table 354-42 rlcDiscardTimerEnb

Name	Value
Description	This parameter configures the eNodeB RLC SDU discard timer to perform QoS based discard. It is an enumerated value from {50ms, 100ms, 150ms, 300ms, 500ms, 750ms, 1500ms, infinity}. If it is set to "infinity" the RLC shall not perform discard. The value setting (including default) shall be different under different QCI when the parameter is pegged. For GBR QCIs, the default value shall be the corresponding PDB (50ms, 100ms, 150ms, 300ms). For Non-GBR QCIs, the default value can be set as 1500ms.
Displayed name	rlcDiscardTimerEnb (General)
Impact	No reset (class C)
Type	PdcpcDiscardTimerEnum

Table 354-43 rlcPdcFlowControlEnabled

Name	Value
Default	True
Description	This parameter disables or enables the RLC-PDCP flow control feature for the TRB. When it is disabled, the RLC and PDCP shall not perform any flow control and buffer management actions. However, the RLC may still perform QoS timer-based discard.
Displayed name	rlcPdcFlowControlEnabled (General)
Impact	No reset (class C)
Type	Boolean

Table 354-44 rlcSduBufferCoefficients

Name	Value
Description	This parameter gives the list of coefficients as input to calculate the total RLC SDU buffer size, in terms of KBytes for the sum of all SDUs . The list includes: SF - The base size (floor or minimum) of the buffer, in terms of KBytes SC - The ceiling of the buffer (maximum capped size), in terms of KBytes T - The buffering time, in terms of ms WQ - The QoS weighting factor (0 to 100%). For GBR RBs, this normally should be set as 100% The buffer size = Min [(SF + SA), SC] Where SA is the adaptive buffer size (in KBytes) given by the following formulae: For GBR bearers: $SA = \text{Ceil} [(GBR * T * WQ / 100) / 8000]$ For Non-GBR bearers: $SA = \text{Ceil} [(AMBR * T * WQ / 100) / 8000]$ Where the GBR or AMBR shall use the unit of kbps, and shall be the values for DL. WQ is an integer between 0 and 100. The parameter list is {SF, SC, T, WQ}. It shall be applied regardless of UM or AM mode.
Impact	No reset (class C)
Type	RlcSduBufferCoefficientsType

Table 354-45 rlcSduBufferHigherThreshold

Name	Value
Default	80
Description	This parameter specifies the higher threshold (TH) for the RLC SDU buffer for RLC-PDCP flow control. It is percentage based so the real higher buffer threshold in terms of bytes or packets can be calculated.
Displayed name	rlcSduBufferHigherThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 354-46 rlcSduBufferLowerThreshold

Name	Value
Default	30
Description	This parameter specifies the lower threshold (TL) for the RLC SDU buffer for RLC-PDCP flow control. It is percentage based so the real lower buffer threshold in terms of bytes or packets can be calculated.
Displayed name	rlcSduBufferLowerThreshold (General)
Impact	No reset (class C)
Maximum	100
Minimum	0
Type	Integer

Table 354-47 rohcMaxCid

Name	Value
Default	15
Description	The maximum CID number used for a RoHC channel. This needs to be configured for both UE and eNodeB. It is not proposed to use different Max_CID for UL and DL so both UE and eNodeB shall use the same Max_CID. The maximum number of CIDs used by UE/eNodeB will be Max_CID + 1. This number has the upper limit set by Large_CIDS. That is, if Large_CIDS is True, this parameter can be set up to 16383, otherwise this parameter can only be set up to 15. Therefore this parameter is also used to derive the parameter Large_CIDS for the RoHC compressor/decompressor. If Max_CID < = 15, Large_CIDS = False, otherwise Large_CIDS = True. 3GPP has defined maximum RoHC contexts (signalled by UE) as covering the UL and DL contexts collectively for the UE, with an effective maximum of 16384. In order to prevent a violation of maximum RoHC contexts, the rohcMaxCid must be restricted to a maximum of 8191.
Displayed name	rohcMaxCid (General)
Impact	No reset (class C)
Maximum	8191
Minimum	0
Type	Integer

Table 354-48 rohcProfiles

Name	Value
Default	110000000
Description	This is a parameter that lists the RoHC profiles enabled for eNB. The parameter is presented in a bit string format with a length of 9, representing the 9 profiles defined in 3GPP excluding profile 0x0000 which is compulsory, as in table 5.2.1.1 of TS36.323, v8.4.0. Each bit indicates a particular profile in the following table. 1 means that particular profile is enabled, 0 means disabled. This parameter is used for the input of NPU RoHC profile configuration, as well as eNB input for RRC RoHC profile configuration (which also takes into account of UE capability). Bit 1: profile 0x0001 RTP/UDP/IP Bit 2: profile 0x0002 UDP/IP Bit 3: profile 0x0003 ESP/IP Bit 4: profile 0x0004 IP Bit 5: profile 0x0006 TCP/IP Bit 6: profile 0x0101 RTP/UDP/IP v2 Bit 7: profile 0x0102 UDP/IP v2 Bit 8: profile 0x0103 ESP/IP v2 Bit 9: profile 0x0104 IP v2 Profile 0x0000 (No-compression) is compulsory when RoHC is enabled. Therefore this is not included in the bitmap to also align with RRC PDCP-configuration format (which has also only 9 profiles).
Displayed name	rohcProfiles (General)
Impact	No reset (class C)
Maximum	9
Minimum	9
Type	String

Table 354-49 trafficRadioBearerConfName

Name	Value
Default	No default
Description	This parameter is used to allow the customer to define a friendly name to identify the MO instance of TrafficRadioBearerConf
Displayed name	trafficRadioBearerConfName (General)
Impact	No reset (class C)
Maximum	64
Minimum	0
Type	String
Unset supported	Yes

355 – *TransportCacAndShapingConf*

Table 355-1 TransportCacAndShapingConf parameters

Parameters	
id	packetsLossRateMeasurementPeriod

Table 355-2 id

Name	Value
Description	TransportCacAndShapingConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	9
Minimum	0
Type	Integer

Table 355-3 packetsLossRateMeasurementPeriod

Name	Value
Default	120
Description	This parameter configures the period to measure the packet loss rate.
Displayed name	packetsLossRateMeasurementPeriod (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	300
Minimum	10
Type	Integer
Units	s

(2 of 2)

356 –TransportCosConf

Table 356-1 TransportCosConf parameters

Parameters	
controlFlowList id otherFlowList	qciS1List qciX2List

Table 356-2 controlFlowList

Name	Value
Description	This parameter gives the list of Control and Management flows mapped to a Class of Service.
Impact	Partial reset (class B)
Type	List name ControlFlowListType maps to: ControlFlowEnum

Table 356-3 id

Name	Value
Description	TransportCosConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	15

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Name	Value
Minimum	0
Type	Integer

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Table 356-4 otherFlowList

Name	Value
Description	This parameter gives the list of messages that cannot be classified by DSCP (either they do not have DSCP or their DSCP does not match with a Class of Service) that are mapped to a Class of Service.
Impact	Partial reset (class B)
Type	List name OtherFlowListType maps to: OtherFlowEnum

Table 356-5 qciS1List

Name	Value
Description	This parameter gives the list of QCI for S1 mapped to a Class of Service.
Impact	Partial reset (class B)
Type	List name QciS1ListType maps to: QciEnum

Table 356-6 qciX2List

Name	Value
Description	This parameter gives the list of QCI for X2 mapped to a Class of Service.
Impact	Partial reset (class B)
Type	List name QciX2ListType maps to: QciEnum

357 – TxDivOrMimoResources

Table 357-1 id

Name	Value
Description	TxDivOrMimoResources identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

358 –UEAdaptiveBeamForming

Table 358-1 UEAdaptiveBeamForming parameters

Parameters	
antennaUnitDistance beamFormingAlgo controlChannelTransmissionScheme fullBWEBBWeightStabilityThresholdBetweenTxDivAndBeamFormingIntraTm id sinrOffsetFlag sinrOffsetForBeamformingCQICompensation	sinrOffsetForMcsSelection speedThresholdBetweenTxDivAndBeamFormingIntraTm7 uLCMSEThresholdBetweenTxDivAndBeamFormingIntraTm7 uLCESINRThresholdBetweenTxDivAndBeamFormingIntraTm7 weightSpatialStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7 weightTimeStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7

Table 358-2 antennaUnitDistance

Name	Value
Default	0.5
Description	This parameter indicates physical Antenna unit distance normalized by wavelength.
Displayed name	antennaUnitDistance (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Step	0.1
Type	Floating point

Table 358-3 beamFormingAlgo

Name	Value
Default	Per_RB_MRT
Description	To specify the applied DL port 5 beamforming algorithm
Displayed name	beamFormingAlgo (General)
Impact	Partial reset (class B)
Type	BeamFormingAlgoEnum

Table 358-4 controlChannelTransmissionScheme

Name	Value
Default	Two_Port_Full_BW
Description	This parameter specifies the applied DL cell specific control channel transmission schemes, Cell specific control channel includes: PDCCH, PCFICH, PHICH, PBCH for transmit diversity and spatial multiplexing.
Displayed name	controlChannelTransmissionScheme (General)
Impact	Partial reset (class B)
Type	ControlChannelTransmissionSchemeEnum

Table 358-5 fullBWEBBWeightStabilityThresholdBetweenTxDivAndBeamFormingIntraTm

Name	Value
Default	0
Description	A Full-BW-EBB algorithm related threshold in terms of the weight stability denoted by the correlation coefficient between the current weight calculation to the previous one, which is used by DL scheduler to decide the transmission scheme switching decision between DL beamforming using Full-BW-EBB algorithm and TxD, in transmission mode 7. when correlation coefficient no less than the threshold, using beamforming with Full-BW-EBB algorithm.
Displayed name	fullBWEBBWeightStabilityThresholdBetweenTxDivAndBeamFormingIntraTm (General)
Impact	Partial reset (class B)
Maximum	1
Minimum	0
Step	0.001
Type	Floating point

Table 358-6 id

Name	Value
Description	UEAdaptiveBeamForming identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 358-7 sinrOffsetFlag

Name	Value
Default	OAM_Configuration
Description	This parameter is a flag to indicate where SINR offset shall come from used by L2 DL scheduler.
Displayed name	sinrOffsetFlag (General)
Impact	Partial reset (class B)
Type	SinrOffsetFlagEnum

Table 358-8 sinrOffsetForBeamformingCQICompensation

Name	Value
Default	3
Description	This parameter is used to adjust the directly-obtained SINR(s) from UE reported CQI to an beamforming-oriented one(s) for DL port-5 beamforming MCS selection and frequency selective/diversity scheduler.
Displayed name	sinrOffsetForBeamformingCQICompensation (General)
Impact	Partial reset (class B)
Maximum	9
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 358-9 sinrOffsetForMcsSelection

Name	Value
Default	3
Description	It's used to adjust the directly-obtained SINR(s) from UE reported CQI(s) to an beamforming-oriented one(s) for DL port-5 beamforming MCS selection
Displayed name	sinrOffsetForMcsSelection (General)
Impact	Partial reset (class B)
Maximum	9
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 358-10 speedThresholdBetweenTxDivAndBeamFormingIntraTm7

Name	Value
Description	A speed threshold, which is used by DL scheduler to decide the transmission scheme switching decision between DL beamforming and TxD, in transmission mode 7.
Displayed name	speedThresholdBetweenTxDivAndBeamFormingIntraTm7 (General)
Impact	Partial reset (class B)
Maximum	500
Minimum	0
Step	0.5
Type	Floating point
Units	km/hr

Table 358-11 uLCEMSEThresholdBetweenTxDivAndBeamFormingIntraTm7

Name	Value
Default	60
Description	A beamforming algorithm related UL channel estimation MSE(mean square Error) threshold, which is used by DL scheduler to decide the transmission scheme switching decision between DL beamforming and TxD, in transmission mode 7.
Displayed name	uLCEMSEThresholdBetweenTxDivAndBeamFormingIntraTm7 (General)
Impact	Partial reset (class B)
Maximum	60
Minimum	0

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Name	Value
Step	0.001
Type	Floating point

(2 of 2)

Table 358-12 uLCESINRThresholdBetweenTxDivAndBeamFormingIntraTm7

Name	Value
Default	-51.2
Description	This parameter indicates beamforming related UL channel measurement SINR threshold, which is used by DL scheduler to decide the transmission scheme switching decision between DL beamforming and TxDiv, in transmission mode 7.
Displayed name	uLCESINRThresholdBetweenTxDivAndBeamFormingIntraTm7 (General)
Impact	Partial reset (class B)
Maximum	51.1
Minimum	-51.2
Step	0.1
Type	Floating point
Units	dB

Table 358-13 weightSpatialStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7

Name	Value
Default	359
Description	This parameter indicates a weight spatial stability Threshold. Weight spatial stability is denoted by the phase difference between the adjacent antenna inside one subarray, which is used by DL scheduler to decide the transmission scheme switching decision between DL beamforming using BF algorithm and TxDiv, in transmission mode 7.
Displayed name	weightSpatialStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7 (General)
Impact	Partial reset (class B)
Maximum	359
Minimum	0
Type	Integer

Table 358-14 weightTimeStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7

Name	Value
Default	0
Description	This parameter indicates a weight time stability Threshold. Weight time stability is denoted by the correlation coefficient between the current weight calculation to the previous one, which is used by DL scheduler to decide the transmission scheme switching decision between DL beamforming using BF algorithm and TxD, in transmission mode 7.
Displayed name	weightTimeStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7 (General)
Impact	Partial reset (class B)
Maximum	1
Minimum	0
Step	0.001
Type	Floating point

359 –UEAdaptiveBeamFormingTM8

Table 359-1 UEAdaptiveBeamFormingTM8 parameters

Parameters	
antennaUnitDistance	sinrOffsetForBeamformingTxDivCQI
beamFormingAlgoRank1	sinrOffsetForRank1AndRank2CW0
beamFormingAlgoRank2	sinrOffsetForRank2CW0AndCW1
blerThresholdBetweenRank1BeamFormingAndRank2BeamForming	speedThresholdBetweenRank1BeamFormingAndRank2BeamForming
blerThresholdBetweenTxDivAndRank1BeamForming	speedThresholdBetweenTxDivAndRank1BeamForming
dlSinrThresholdBetweenRank1BeamFormingAndRank2BeamForming	uLCSINRThresholdBetweenRank1BeamFormingAndRank2BeamForming
dlSinrThresholdBetweenTxDivAndRank1BeamForming	uLCSINRThresholdBetweenTxDivAndRank1BeamForming
id	weightSpatialStabilityThresholdBetweenRank1BeamformingAndRank2BeamForming
pmiRIReportR9	weightSpatialStabilityThresholdBetweenTxDivAndRank1BeamForming
rIThresholdBetweenRank1AndRank2	weightTimeStabilityThresholdBetweenRank1BeamformingAndRank2Beamforming
sinrOffsetFlag	weightTimeStabilityThresholdBetweenTxDivAndRank1BeamForming
sinrOffsetForBeamformingPMICQI	

Table 359-2 antennaUnitDistance

Name	Value
Default	0.5
Description	This parameter indicates physical Antenna unit distance normalized by wavelength, in transmission mode 8.
Displayed name	antennaUnitDistance (General)

(1 of 2)

Name	Value
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Step	0.1
Type	Floating point

(2 of 2)

Table 359-3 beamFormingAlgoRank1

Name	Value
Default	Per_RB_MRT
Description	This parameter selects the rank1 beam-forming algorithm to be applied in the downlink for transmission mode 8.
Displayed name	beamFormingAlgoRank1 (General)
Impact	No reset (class C)
Type	BeamFormingAlgoEnum

Table 359-4 beamFormingAlgoRank2

Name	Value
Default	SU_BF_RANK2_COMEBB
Description	This parameter selects the rank2 beam-forming algorithm to be applied in the downlink for transmission mode 8.
Displayed name	beamFormingAlgoRank2 (General)
Impact	No reset (class C)
Type	BeamFormingAlgoRank2Enum

Table 359-5 blerThresholdBetweenRank1BeamFormingAndRank2BeamForming

Name	Value
Default	1
Description	This parameter specifies the BLER threshold which is used by DL scheduler to decide the transmission scheme switching decision between DL rank2 beam-forming and rank1 beam-forming, in transmission mode 8.
Displayed name	blerThresholdBetweenRank1BeamFormingAndRank2BeamForming (General)
Impact	No reset (class C)
Maximum	1

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Name	Value
Minimum	0
Step	0.1
Type	Floating point

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Table 359-6 blerThresholdBetweenTxDivAndRank1BeamForming

Name	Value
Default	0.8
Description	This parameter specifies the BLER threshold which is used by DL scheduler to decide the transmission scheme switching decision between DL TxDiv and rank1 beam-forming, in transmission mode 8.
Displayed name	blerThresholdBetweenTxDivAndRank1BeamForming (General)
Impact	No reset (class C)
Maximum	1
Minimum	0
Step	0.1
Type	Floating point

Table 359-7 dISinrThresholdBetweenRank1BeamFormingAndRank2BeamForming

Name	Value
Default	8
Description	This parameter specifies the SINR threshold which is used by DL scheduler to decide the transmission scheme switching decision between DL rank2 beam-forming and rank1 beam-forming, in transmission mode 8.
Displayed name	dISinrThresholdBetweenRank1BeamFormingAndRank2BeamForming (General)
Impact	No reset (class C)
Maximum	15
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 359-8 dLSinrThresholdBetweenTxDivAndRank1BeamForming

Name	Value
Default	0
Description	This parameter specifies the SINR threshold which is used by DL scheduler to decide the transmission scheme switching decision between DL TxDiv and rank1 beam-forming, in transmission mode 8.
Displayed name	dLSinrThresholdBetweenTxDivAndRank1BeamForming (General)
Impact	No reset (class C)
Maximum	15
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 359-9 id

Name	Value
Description	UEAdaptiveBeamFormingTM8 identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 359-10 pmiRIReportR9

Name	Value
Default	True
Description	This parameter enables or disables PMI/RI report in transmission mode 8. The value True enables the report; False disables.
Displayed name	pmiRIReportR9 (General)
Impact	No reset (class C)
Type	Boolean

Table 359-11 rIThresholdBetweenRank1AndRank2

Name	Value
Default	0.6
Description	This parameter specifies the RI threshold which is used by DL scheduler to decide the transmission scheme switching decision between rank2 beam-forming and rank1 beam-forming, in transmission mode 8.
Displayed name	rIThresholdBetweenRank1AndRank2 (General)
Impact	No reset (class C)
Maximum	1
Minimum	0
Step	0.1
Type	Floating point

Table 359-12 sinrOffsetFlag

Name	Value
Default	OAM_Configuration
Description	This parameter selects the source of the SINR offset used by the L2 DL scheduler for transmission mode 8. The offset is taken either from OAM or from L1 measurement.
Displayed name	sinrOffsetFlag (General)
Impact	No reset (class C)
Type	SinrOffsetFlagEnum

Table 359-13 sinrOffsetForBeamformingPMICQI

Name	Value
Default	6
Description	This parameter is used to adjust the SINR(s) from UE reported CQI(s) with PMI/RI to Rank1 beam-forming SINR or Rank2 beam-forming codeword0 SINR.
Displayed name	sinrOffsetForBeamformingPMICQI (General)
Impact	No reset (class C)
Maximum	9
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 359-14 sinrOffsetForBeamformingTxDivCQI

Name	Value
Default	6
Description	This parameter is used to adjust the SINR(s) from UE reported CQI(s) without PMI/RI to Rank1 beam-forming SINR(s).
Displayed name	sinrOffsetForBeamformingTxDivCQI (General)
Impact	No reset (class C)
Maximum	9
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 359-15 sinrOffsetForRank1AndRank2CW0

Name	Value
Default	3
Description	This parameter specifies the compensation between Rank1 codeword0 SINR and Rank2 codeword0 SINR.
Displayed name	sinrOffsetForRank1AndRank2CW0 (General)
Impact	No reset (class C)
Maximum	9
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 359-16 sinrOffsetForRank2CW0AndCW1

Name	Value
Default	3
Description	This parameter specifies the SINR offset between codeword0 and codeword1 in Rank2 beam-forming.
Displayed name	sinrOffsetForRank2CW0AndCW1 (General)
Impact	No reset (class C)
Maximum	9
Minimum	0

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Name	Value
Step	0.1
Type	Floating point
Units	dB

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Table 359-17 speedThresholdBetweenRank1BeamFormingAndRank2BeamForming

Name	Value
Default	500
Description	This parameter specifies the speed threshold which is used by DL scheduler to decide the transmission scheme switching decision between Rank1 beam-forming and Rank2 beam-forming, in transmission mode 8.
Displayed name	speedThresholdBetweenRank1BeamFormingAndRank2BeamForming (General)
Impact	No reset (class C)
Maximum	500
Minimum	0
Step	0.5
Type	Floating point
Units	km/hr

Table 359-18 speedThresholdBetweenTxDivAndRank1BeamForming

Name	Value
Default	500
Description	This parameter specifies the speed threshold which is used by DL scheduler to decide the transmission scheme switching decision between Rank1 beam-forming and TxDiv, in transmission mode 8.
Displayed name	speedThresholdBetweenTxDivAndRank1BeamForming (General)
Impact	No reset (class C)
Maximum	500
Minimum	0
Step	0.5
Type	Floating point
Units	km/hr

Table 359-19 uLCESINRThresholdBetweenRank1BeamFormingAndRank2BeamForming

Name	Value
Default	-51.2
Description	This parameter specifies the UL channel measurement SINR threshold, which is used by DL scheduler to decide the transmission scheme switching decision between Rank1 beam-forming and Rank2 beam-forming, in transmission mode 8.
Displayed name	uLCESINRThresholdBetweenRank1BeamFormingAndRank2BeamForming (General)
Impact	No reset (class C)
Maximum	51.1
Minimum	-51.2
Step	0.1
Type	Floating point
Units	dB

Table 359-20 uLCESINRThresholdBetweenTxDivAndRank1BeamForming

Name	Value
Default	-51.2
Description	This parameter specifies the UL channel measurement SINR threshold, which is used by DL scheduler to decide the transmission scheme switching decision between Rank1 beam-forming and TxDiv, in transmission mode 8.
Displayed name	uLCESINRThresholdBetweenTxDivAndRank1BeamForming (General)
Impact	No reset (class C)
Maximum	51.1
Minimum	-51.2
Step	0.1
Type	Floating point
Units	dB

Table 359-21 weightSpatialStabilityThresholdBetweenRank1BeamformingAndRank2BeamForming

Name	Value
Default	359
Description	This parameter specifies a weight spatial stability threshold. Weight spatial stability is denoted by the phase difference between the adjacent antenna inside one sub-array, which is used by DL scheduler to decide the transmission scheme switching decision between Rank1 beam-forming and Rank2 beam-forming, in transmission mode 8.
Displayed name	weightSpatialStabilityThresholdBetweenRank1BeamformingAndRank2BeamForming (General)

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Name	Value
Impact	No reset (class C)
Maximum	359
Minimum	0
Type	Integer
Units	deg

(2 of 2)

Table 359-22 weightSpatialStabilityThresholdBetweenTxDivAndRank1BeamForming

Name	Value
Default	359
Description	This parameter specifies a weight spatial stability threshold. Weight spatial stability is denoted by the phase difference between the adjacent antenna inside one sub-array, which is used by DL scheduler to decide the transmission scheme switching decision between Rank1 beam-forming and TxDiv, in transmission mode 8.
Displayed name	weightSpatialStabilityThresholdBetweenTxDivAndRank1BeamForming (General)
Impact	No reset (class C)
Maximum	359
Minimum	0
Type	Integer
Units	deg

Table 359-23 weightTimeStabilityThresholdBetweenRank1BeamformingAndRank2Beamforming

Name	Value
Default	0
Description	This parameter specifies a weight time stability threshold. Weight time stability is denoted by the correlation coefficient between the current weight calculation to the previous one, which is used by DL scheduler to decide the transmission scheme switching decision between Rank1 beam-forming and Rank2 beam-forming, in transmission mode 8.
Displayed name	weightTimeStabilityThresholdBetweenRank1BeamformingAndRank2Beamforming (General)
Impact	No reset (class C)
Maximum	1
Minimum	0
Step	0.001
Type	Floating point

Table 359-24 weightTimeStabilityThresholdBetweenTxDivAndRank1BeamForming

Name	Value
Default	0
Description	This parameter specifies a weight time stability threshold. Weight time stability is denoted by the correlation coefficient between the current weight calculation to the previous one, which is used by DL scheduler to decide the transmission scheme switching decision between Rank1 beam-forming and TxDiv, in transmission mode 8.
Displayed name	weightTimeStabilityThresholdBetweenTxDivAndRank1BeamForming (General)
Impact	No reset (class C)
Maximum	1
Minimum	0
Step	0.001
Type	Floating point

360 –UeMeasurementConf

Table 360-1 id

Name	Value
Description	UeMeasurementConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

361 –UERoamRestrictionAbs

Table 361-1 IIST_TYPE

Name	Value
Default	TAI_List
Description	Indicates the type of list being provisioned.
Displayed name	List Type (General)
Mandatory on creation	Yes
Type	TAI_LAI_TYPE

362 –UeTimers

Table 362-1 UeTimers parameters

Parameters	
id	t304
n310	t304CellChangeOrder
n311	t310
t300	t311
t301	t320
t302	tOverload

Table 362-2 id

Name	Value
Description	UeTimers identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 362-3 n310

Name	Value
Default	n1
Description	Defines the number of consecutive "out-of-sync" indications received from lower layers for the UE to detect physical layer problems Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	n310 (General)
Impact	No reset (class C)
Type	N310Enum

Table 362-4 n311

Name	Value
Default	n1
Description	Defines the number of consecutive "in-sync" indications received from lower layers for the UE to recover from physical layer problems Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	n311 (General)
Impact	No reset (class C)
Type	N311Enum

Table 362-5 t300

Name	Value
Default	ms100
Description	This UE timer is started when sending RRCConnectionRequest and is stopped upon reception of RRCConnectionSetup or RRCConnectionReject Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	t300 (General)
Impact	No reset (class C)
Type	T300Enum
Units	ms

Table 362-6 t301

Name	Value
Default	ms100
Description	This UE timer is started upon transmission of RRCConnectionReestablishmentRequest and is stopped upon reception of RRCConnectionReestablishment or RRCConnectionReestablishmentReject Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	t301 (General)
Impact	No reset (class C)
Type	T301Enum
Units	ms

Table 362-7 t302

Name	Value
Default	5
Description	This UE timer is started upon reception of RRCConnectionReject and is stopped upon successful RRC establishment or cell re-selection Defined in TS 36.331 Sent in RRCConnectionReject (information element waitTime)
Displayed name	t302 (General)
Impact	No reset (class C)
Maximum	16
Minimum	1
Type	Integer
Units	s

Table 362-8 t304

Name	Value
Default	Timer2000MS
Description	This UE timer is started in the UE in connected mode upon reception of RRCConnectionReconfiguration message including the MobilityControl Information or reception of MobilityFromEUTRACommand message. At timer expiry the UE initiates the RRC connection re-establishment procedure Defined in TS 36.331 Sent in MobilityFromEUTRACommand and RRCConnectionReconfiguration
Displayed name	t304 (General)
Impact	No reset (class C)
Type	T304Enum
Units	ms

Table 362-9 t304CellChangeOrder

Name	Value
Default	Timer2000MS
Description	This UE timer is started in the UE in connected mode upon reception of MobilityFromEUTRACommand message for Cell Change Order purposes. At timer expiry the UE initiates the RRC connection re-establishment procedure. See TS 36.331. Sent in MobilityFromEUTRACommand.
Displayed name	t304CellChangeOrder (General)
Impact	No reset (class C)
Type	T304CellChangeOrderEnum
Units	ms

Table 362-10 t310

Name	Value
Default	ms1000
Description	This UE timer is started in the UE in connected mode upon detecting radio link problems. At timer expiry the UE goes to idle mode Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	t310 (General)
Impact	No reset (class C)
Type	T310Enum
Units	ms

Table 362-11 t311

Name	Value
Default	ms1000
Description	This UE timer is started upon initiating the RRC connection re-establishment procedure and is stopped when a suitable cell has been selected Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	t311 (General)
Impact	No reset (class C)
Type	T311Enum
Units	ms

Table 362-12 t320

Name	Value
Description	1. TS36.331: this parameter contributes to the configuration of the IE IdleModeMobilityControlInfo:t320 This IE is used to configure the IE t320 of the IE IdleModeMobilityControlInfo of the message RRCConnectionRelease TS36.331. Start: Upon receiving t320 or upon cell (re)selection to E-UTRA from another RAT with validity time configured for dedicated priorities (in which case the remaining validity time is applied). Stop: Upon entering RRC_CONNECTED, when PLMN selection is performed on request by NAS, or upon cell (re)selection to another RAT (in which case the timer is carried on to the other RAT). At expiry: Discard the cell reselection priority information provided by dedicated signalling. This parameter is optional: if not there then the eNB shall not send the IE IdleModeMobilityControlInfo in the message RRCConnectionRelease
Displayed name	t320 (General)
Impact	No reset (class C)
Type	RrcT320Enum
Units	s
Unset supported	Yes

Table 362-13 tOverload

Name	Value
Default	16
Description	This parameter is used to configure the IE waitTime of the IE rrcConnectionReject-r8 of the message RRCConnectionReject TS36.331 in case of RRC Connection rejected due to MME Overload. It defines the time in secondes before the UE can attempt a new RRC Connection.
Displayed name	tOverload (General)
Impact	No reset (class C)
Maximum	16
Minimum	1
Type	Integer
Units	s

363 –ULPowerControlConf

Table 363-1 ULPowerControlConf parameters

Parameters	
accumulationEnabled	minSIRtargetSPSCorrectionValue
deltaFPUCCHFormat1	p0NominalPUCCH
deltaFPUCCHFormat1b	p0NominalPUSCH
deltaFPUCCHFormat2	p0NominalPUSCHPersistent
deltaFPUCCHFormat2a	p0uePUCCH
deltaFPUCCHFormat2b	p0UEPUSCHPersistent
deltaPreambleMsg3	pathLossNominal
filterCoefficient	pSRsoffset
id	pUSCHPowerControlAlphaFactor
initialPowerHeadroomValue	puschPowerCtrlMode
isP0PersistentFieldPresent	sIRTargetforReferencePUCCHFormat
maxSIRtargetForFractionalPowerCtrl	sIRtargetSPSCorrectionTable
maxSIRtargetSPSCorrectionValue	tpcPeriodForPUSCHtpcOverDCI3
minSIRtargetForFractionalPowerCtrl	

Table 363-2 accumulationEnabled

Name	Value
Description	Defines power control modes. See TS 36.213, 5.1.1.1. TRUE corresponds to "enabled" whereas FALSE corresponds to "disabled." Only TRUE supported in LA1.0.
Displayed name	accumulationEnabled (General)
Impact	Partial reset (class B)
Type	Boolean

Table 363-3 deltaFPUCCHFormat1

Name	Value
Description	Defines power offset value for PUCCH Format 1.
Displayed name	deltaFPUCCHFormat1 (General)
Impact	Partial reset (class B)
Type	DeltaFPUCCHFormat1Enum

Table 363-4 deltaFPUCCHFormat1b

Name	Value
Description	Defines power offset value for PUCCH Format 1b.
Displayed name	deltaFPUCCHFormat1b (General)
Impact	Partial reset (class B)
Type	DeltaFPUCCHFormat1bEnum

Table 363-5 deltaFPUCCHFormat2

Name	Value
Description	Defines power offset value for PUCCH Format 2. This parameter corresponds to (where F=format 2) in 36.213 5.1.2.1
Displayed name	deltaFPUCCHFormat2 (General)
Impact	Partial reset (class B)
Type	DeltaFPUCCHFormat2Enum
Unset supported	Yes

Table 363-6 deltaFPUCCHFormat2a

Name	Value
Default	deltaF0
Description	Defines power offset value for PUCCH Format 2a. This parameter corresponds to (where F=format 2) in 36.213 5.1.2.1
Displayed name	deltaFPUCCHFormat2a (General)
Impact	Partial reset (class B)
Type	DeltaFPUCCHFormat2aEnum
Unset supported	Yes

Table 363-7 deltaFPUCCHFormat2b

Name	Value
Description	Defines power offset value for PUCCH Format 2b. This parameter corresponds to (where F=format 2) in 36.213 5.1.2.1
Displayed name	deltaFPUCCHFormat2b (General)
Impact	Partial reset (class B)
Type	DeltaFPUCCHFormat2bEnum
Unset supported	Yes

Table 363-8 deltaPreambleMsg3

Name	Value
Description	Defines power control parameter to compute P_0_NOMINAL_PUSCH for RACH message 3. see TS 36.213 [23, 5.1.1.1]. The value sent over the RRC interface is half the value configured (the UE then multiplies the received value by 2)
Displayed name	deltaPreambleMsg3 (General)
Impact	Partial reset (class B)
Maximum	12
Minimum	-2
Step	2
Type	Integer
Units	dB

Table 363-9 filterCoefficient

Name	Value
Description	This parameter specifies the filtering coefficient for RSRP measurements used to calculate path loss, as specified in TS 36.213 [23, 5.1.1.1]. It is a DEFAULT parameter (see 36.331). If the parameter is not configured, then it is not sent to UE. UE will use the default value defined in 36.331.
Displayed name	filterCoefficient (General)
Impact	No reset (class C)
Type	FilterCoeffEnum
Unset supported	Yes

Table 363-10 id

Name	Value
Description	ULPowerControlConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 363-11 initialPowerHeadroomValue

Name	Value
Default	10
Description	This is the PH value assumed by the scheduler before receiving the UE Power Headroom report.
Displayed name	initialPowerHeadroomValue (General)
Impact	Partial reset (class B)
Maximum	40
Minimum	-23
Type	Integer

Table 363-12 isP0PersistentFieldPresent

Name	Value
Default	False
Description	This flag controls whether the UE is configured with the p0NominalPUSCHPersistent and p0UEPUSCHPersistent are sent to the UE in the SPS configuration command. Setting this parameter to TRUE is only for experimental purposes, as it will affect the PUSCH power control behavior of uplink SPS grants.
Displayed name	isP0PersistentFieldPresent (General)
Impact	No reset (class C)
Type	Boolean

Table 363-13 maxSIRtargetForFractionalPowerCtrl

Name	Value
Default	10
Description	Ensures that the UL PUSCH SIR target used for a call does not go above a level corresponding to the SINR requirements for the least protected MCS when fractional power control is enabled.
Displayed name	maxSIRtargetForFractionalPowerCtrl (General)
Impact	Partial reset (class B)
Maximum	25
Minimum	-5
Step	0.1
Type	Floating point

Table 363-14 maxSIRtargetSPSCorrectionValue

Name	Value
Default	10
Description	This parameter controls the maximum SIR target correction value that is allowed to be applied by the UL SPS BLER control loop.
Displayed name	maxSIRtargetSPSCorrectionValue (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 363-15 minSIRtargetForFractionalPowerCtrl

Name	Value
Default	-1
Description	Ensures that the UL PUSCH SIR target used for a call does not go below a level where the end user experience would be unacceptable when fractional power control is enabled.
Displayed name	minSIRtargetForFractionalPowerCtrl (General)
Impact	Partial reset (class B)
Maximum	25
Minimum	-5

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Name	Value
Step	0.1
Type	Floating point

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Table 363-16 minSIRtargetSPSCorrectionValue

Name	Value
Default	0
Description	This parameter controls the minimum SIR target correction value that is allowed to be applied by the UL SPS BLER control loop.
Displayed name	minSIRtargetSPSCorrectionValue (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	-10
Step	0.1
Type	Floating point
Units	dB

Table 363-17 p0NominalPUCCH

Name	Value
Description	Defines cell specific power control parameter for PUCCH Format. Parameter P0_NOMINAL_PUCCH. See TS 36.213, 5.1.2.1, unit dBm.
Displayed name	p0NominalPUCCH (General)
Impact	No reset (class C)
Maximum	-96
Minimum	-127
Type	Integer
Units	dBm

Table 363-18 p0NominalPUSCH

Name	Value
Description	Defines cell specific power control parameter for non-persistent scheduled PUSCH. Parameter P0_NOMINAL_PUSCH. See TS 36.213, 5.1.1.1, unit dBm.
Displayed name	p0NominalPUSCH (General)
Impact	Partial reset (class B)

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Name	Value
Maximum	24
Minimum	-126
Type	Integer
Units	dBm

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Table 363-19 p0NominalPUSCHPersistent

Name	Value
Default	-126
Description	This parameter controls the value of the parameter defined in TS 36.213 [23, 5.1.1.1]. The parameter is signaled to the UE as part of the SPS configuration if the isP0PersistentFieldPresent flag is set to TRUE.
Displayed name	p0NominalPUSCHPersistent (General)
Impact	No reset (class C)
Maximum	24
Minimum	-126
Type	Integer
Units	dBm

Table 363-20 p0uePUCCH

Name	Value
Description	Defines required value P0_UE_PUCCH. See TS 36.213, 5.1.2.1.
Displayed name	p0uePUCCH (General)
Impact	No reset (class C)
Maximum	7
Minimum	-8
Type	Integer
Units	dBm

Table 363-21 p0UEPUSCHPersistent

Name	Value
Default	0
Description	This parameter controls the value of the parameter defined in TS 36.213 [23, 5.1.1.1]. The parameter is signaled to the UE as part of the SPS configuration if the isP0PersistentFieldPresent flag is set to TRUE.
Displayed name	p0UEPUSCHPersistent (General)
Impact	No reset (class C)
Maximum	7
Minimum	-8
Type	Integer
Units	dB

Table 363-22 pathLossNominal

Name	Value
Default	60
Description	Nominal value of the UL Path Loss (expressed as a positive number). Usually set to the value of the UL Path loss for a UE at cell centre. Value in dB.
Displayed name	pathLossNominal (General)
Impact	Partial reset (class B)
Maximum	127
Minimum	0
Type	Integer
Units	dB

Table 363-23 pSRsoffset

Name	Value
Description	Defines P_SRS_OFFSET. See TS 36.213, 5.1.3.1. For Ks=1.25, the actual parameter value is pSRS-Offset value ÷ 3. For Ks=0, the actual parameter value is -10.5 + 1.5*pSRS-Offset value.
Displayed name	pSRsoffset (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Type	Integer

Table 363-24 pUSCHPowerControlAlphaFactor

Name	Value
Description	Partial path loss compensation factor. Also known as alpha. UL Fractional Power Control is enabled by setting this parameter to a value in the range $0 < \alpha < 1$. $\alpha=1$ corresponds to classic UL power control, i.e. full path loss compensation. Use of $\alpha=0$ is not recommended.
Displayed name	pUSCHPowerControlAlphaFactor (General)
Impact	Partial reset (class B)
Type	PUSCHPowerControlAlphaFactorEnum

Table 363-25 puschPowerCtrlMode

Name	Value
Default	PwrCtrlBasedOnSRS
Description	This parameter selects the PUSCH power control mode. For TLA3.0, the PUSCH power control based on SRS and PUSCH power control based on DMRS are supported. For LA3.0 PUSCH power control based on SRS is supported.
Displayed name	puschPowerCtrlMode (General)
Impact	Partial reset (class B)
Type	PuschPowerCtrlModeEnum

Table 363-26 sIRTargetforReferencePUCCHFormat

Name	Value
Default	0
Description	Internal parameter. SINR target value in dB.
Displayed name	sIRTargetforReferencePUCCHFormat (General)
Impact	Partial reset (class B)
Maximum	25
Minimum	-5
Step	0.1
Type	Floating point
Units	dB

Table 363-27 sIRtargetSPSCorrectionTable

Name	Value
Description	This parameter controls the table of UL SIR target corrections used to tune the UL SPS BLER control loop. The first element in the table corresponds to the correction applied when the SPS grant terminates after 1 transmissions. The second element corresponds to the correction applied upon successful decoding after 2 transmissions. Etcâ In case of HARQ failure after reaching MaxHARQTx transmission then the correction corresponding to the nth element in the table, with $n = \text{MaxHARQTx} + 1$, is applied.
Impact	Partial reset (class B)
Type	SIRtargetSPSCorrectionTableType
Units	dB

Table 363-28 tpcPeriodForPUSCHtpcOverDCI3

Name	Value
Default	4
Description	This parameter controls the period used for transmitting PUSCH power control TPC commands over PDCCH DCI3 when the UE is in SPS active state. The unit is the 10ms radio frame.
Displayed name	tpcPeriodForPUSCHtpcOverDCI3 (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	1
Type	Integer

364 –ULSemiStaticSchedulingConf

Table 364-1 ULSemiStaticSchedulingConf parameters

Parameters	
id isFrequencyHoppingEnabledForSSgrants mCSIndexForAperiodicCQIReport numberOfPRBs	numberOfPRBsForAperiodicCQIReport periodicRate semiStaticULMCSIndex

Table 364-2 id

Name	Value
Description	ULSemiStaticSchedulingConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 364-3 isFrequencyHoppingEnabledForSSgrants

Name	Value
Default	True
Description	indicate if Frequency hopping is required for Semi-Static HARQ retransmissions
Displayed name	IsFrequencyHoppingEnabledForSSgrants (General)
Impact	Full reset (class A)
Type	Boolean

Table 364-4 mCSIndexForAperiodicCQIReport

Name	Value
Description	MCS index used for aperiodic CQI reporting in PUSCH. This is allocated semi-statically to allow UEs to transmit UCI (ACK/NAK, CQI, RI) and buffer status reporting.
Displayed name	mCSIndexForAperiodicCQIReport (General)
Impact	Partial reset (class B)
Maximum	16
Minimum	0
Type	Integer

Table 364-5 numberOfPRBs

Name	Value
Description	Number of UL PRBs used for semi-static pattern.
Displayed name	numberOfPRBs (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	6
Type	Integer

Table 364-6 numberOfPRBsForAperiodicCQIReport

Name	Value
Description	Number of PRBs used for aperiodic CQI reporting in PUSCH. This is allocated semi-statically to allow UEs to transmit UCI (ACK/NAK, CQI, RI) and buffer status reporting.
Displayed name	numberOfPRBsForAperiodicCQIReport (General)

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Name	Value
Impact	Partial reset (class B)
Maximum	6
Minimum	1
Type	Integer

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Table 364-7 periodicRate

Name	Value
Default	20
Description	Period of semi-static pattern. In ms.
Displayed name	periodicRate (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	1
Type	Integer
Units	ms

Table 364-8 semiStaticULMCSIndex

Name	Value
Description	MCS index for semi-static pattern. Semi-static pattern is used for VoIP, CQI and buffer status reporting purposes.
Displayed name	semiStaticULMCSIndex (General)
Impact	Partial reset (class B)
Maximum	9
Minimum	0
Type	Integer

365 –*ULTrafficSchedulingPriorityMapping*

Table 365-1 ULTrafficSchedulingPriorityMapping parameters

Parameters	
id ulSchedulingFlowProfile	ulSchedulingPriority

Table 365-2 id

Name	Value
Description	ULTrafficSchedulingPriorityMapping identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	15
Minimum	0
Type	Integer

Table 365-3 ulSchedulingFlowProfile

Name	Value
Description	This is the list of the flow profiles in the flow to scheduling priority mapping table. The flow profile is a list of DSCP classes, as well as non DSCP flows. In this release the list has 16 flow profiles {EF, NetworkControl, AF41, AF42, AF43, AF31, AF32, AF33, AF21, AF22, AF23, AF11, AF12, AF13, BE, Other}, which maps to 16 priorities (0 to 15) for the traffic scheduler channels.
Displayed name	ulSchedulingFlowProfile (General)
Impact	Full reset (class A)
Type	ULSchedulingFlowProfileEnum

Table 365-4 ulSchedulingPriority

Name	Value
Description	The priority (also used as UL traffic scheduler channel/queue ID) for the traffic scheduling with strict priority algorithm. At this release there are total 16 priorities defined.
Displayed name	ulSchedulingPriority (General)
Impact	Full reset (class A)
Maximum	16
Minimum	0
Type	Integer

366 –UnmanagedNetworkElement

Table 366-1 UnmanagedNetworkElement parameters

Parameters	
description neType	systemAddress systemAddressAddressType

Table 366-2 description

Name	Value
Default	Unmanaged NE
Description	Description field.
Displayed name	Description (General)
Maximum	250
Minimum	0
Type	String

Table 366-3 neType

Name	Value
Default	unknown
Description	Type of the Unmanaged NE. If created as a side effect of the discovery of an EPS Peer, the type will be automatically populated.

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Name	Value
Displayed name	Unmanaged NE Type (General)
Mandatory on creation	Yes
Type	UnmanagedNeType

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Table 366-4 systemAddress

Name	Value
Default	0.0.0.0
Description	The IPv4 address assigned to this Unmanaged NE. Do not confuse with siteld being inherited from NetworkSite.
Mandatory on creation	Yes
Type	IP address

Table 366-5 systemAddressAddressType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

367 –UnmanagedPdnGateway

Table 367-1 UnmanagedPdnGateway parameters

Parameters	
epcId id	siteAddressType

Table 367-2 epcId

Name	Value
Default	1
Description	The EPCGateway instance; for rel 1.0, still only ID 1 is allowed; future releases will allow 1-8
Mandatory on creation	Yes
Maximum	8
Minimum	1
Type	Long integer

Table 367-3 id

Name	Value
Default	0
Mandatory on creation	Yes

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Name	Value
Maximum	1000
Minimum	1
Type	Long integer

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Table 367-4 siteAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

368 –UplinkMimo

Table 368-1 UplinkMimo parameters

Parameters	
id ulMIMOPHthreshold ulMIMOPRBthreshold	ulMIMOUPLDthreshold ulMIMOUPLDthresholdFlag ulMIMOUPLthreshold

Table 368-2 id

Name	Value
Description	UplinkMimo identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 368-3 ulMIMOPHthreshold

Name	Value
Default	0
Description	defines Minimum power headroom to be considered for UL-MU-MIMO scheduling

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Name	Value
Displayed name	ulMIMOPHthreshold (General)
Impact	Partial reset (class B)
Maximum	0
Minimum	-150
Step	0.1
Type	Floating point

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Table 368-4 ulMIMOPRBthreshold

Name	Value
Default	2
Description	defines minimum nbr of granted PRBs to consider the UE for UL MU MIMO pairing
Displayed name	ulMIMOPRBthreshold (General)
Impact	Partial reset (class B)
Maximum	100
Minimum	2
Type	Integer

Table 368-5 ulMIMOULPLDthreshold

Name	Value
Default	0
Description	defines the UL pathlos difference between candidate users for UL-MU-MIMO scheduling
Displayed name	ulMIMOULPLDthreshold (General)
Impact	Partial reset (class B)
Maximum	300
Minimum	0
Type	Integer
Units	dB

Table 368-6 ulMIMOULPLDthresholdFlag

Name	Value
Default	False
Description	Flag to enable/disable UL MIMO path loss difference threshold.
Displayed name	ulMIMOULPLDthresholdFlag (General)
Impact	Partial reset (class B)
Type	Boolean

Table 368-7 ulMIMOULPLthreshold

Name	Value
Default	0
Description	defines UL path loss threshold for UL MIMO
Displayed name	ulMIMOULPLthreshold (General)
Impact	Partial reset (class B)
Maximum	0
Minimum	-150
Step	0.1
Type	Floating point
Units	dB

369 –UplinkSemiPersistentSchedulingConf

Table 369-1 UplinkSemiPersistentSchedulingConf parameters

Parameters	
defaultCodecforVoIPserviceUl	sPSactivationProhibitTimeUponCallSetupUl
id	sPSactivationProhibitTimeUponSPSfailureUl
implicitReleaseAfter	sPSharqTxCountBeforeSPSgrantReTxUl
macRLCOverheadUl	sPSprioMetricTableUl
maxNonVolPthroughputForSPSactivationUl	sPSreleaseCountForCauseImplicitReleaseEmptyFrameUl
maxSPSgrantPerTTIUl	sPSreleaseCountForCauseImplicitReleaseHarqFailureUl
maxSPSgrantTxCountUl	sPSreleaseCountForHighThroughputCaseUl
nbrOfSPSconsecutiveHARQfailThresholdUl	sPSreleaseCountForMGactivationUl
nonVolPthroughputHystUl	sPSreleaseCountForPoorPerformanceCaseUl
sIRtargetSPSCorrectionResetValueUl	sPSreleaseCountForSPSReleaseUl
sIRtargetSPSCorrectionThresholdForSPSreleaseUl	

Table 369-2 defaultCodecforVoIPserviceUl

Name	Value
Default	AMR_12_20
Description	This parameter controls the type of uplink speech codec assumed for deriving the SPS grant size when the overrideS1GBRinfoForVoIP parameter is set to True.
Displayed name	defaultCodecforVoIPserviceUl (General)
Impact	Partial reset (class B)
Type	VoIPcodecEnum

Table 369-3 id

Name	Value
Description	UplinkSemiPersistentSchedulingConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 369-4 implicitReleaseAfter

Name	Value
Default	e4
Description	This parameter controls the threshold number of successive empty SPS transmission used by the UE to trigger an implicit release of an UL SPS grant, as per TS 36.321. This threshold is also used by the UL scheduler to detect implicit release events at the eNodeB.
Displayed name	implicitReleaseAfter (General)
Impact	Partial reset (class B)
Type	ImplicitReleaseAfterEnum

Table 369-5 macRLCOverheadUI

Name	Value
Default	3
Description	This parameter controls the amount of RLC and MAC overhead assumed to be used for uplink VoIP frames. In bytes.
Displayed name	macRLCOverheadUI (General)
Impact	Partial reset (class B)
Maximum	64
Minimum	0
Type	Integer
Units	bytes

Table 369-6 maxNonVolPthroughputForSPSactivationUI

Name	Value
Default	20
Description	This parameter controls the maximum non-VolP uplink throughput threshold used to allow the activation of uplink SPS grant.
Displayed name	maxNonVolPthroughputForSPSactivationUI (General)
Impact	Partial reset (class B)
Maximum	512
Minimum	0
Type	Integer
Units	Kbits/s

Table 369-7 maxSPSgrantPerTTIUI

Name	Value
Description	This table controls the maximum number of SPS grant (for SPS activation or release) that is allowed to be used per TTI for a given PDCCH CFI value. The first element corresponds to cfi=1, the second one to cfi=2, and so on.
Impact	Partial reset (class B)
Type	MaxSPSgrantPerTTIUIType

Table 369-8 maxSPSgrantTxCountUL

Name	Value
Default	5
Description	This parameter controls the maximum number of UL SPS Activation grants that can be sent to a UE without getting any confirmation of the activation of this grant. When the limit is reached, the uplink scheduler initiates an SPS release procedure.
Displayed name	maxSPSgrantTxCountUL (General)
Impact	Partial reset (class B)
Maximum	20
Minimum	1
Type	Integer

Table 369-9 nbrOfSPSconsecutiveHARQfailThresholdUI

Name	Value
Default	10
Description	This parameter controls the threshold expressed in terms of observed number of successive SPS HARQ failures to detect implicit release events.
Displayed name	nbrOfSPSconsecutiveHARQfailThresholdUI (General)
Impact	Partial reset (class B)
Maximum	63
Minimum	1
Type	Integer

Table 369-10 nonVolPthroughputHystUI

Name	Value
Default	64
Description	This parameter controls the maximum non-VoIP uplink throughput threshold used to trigger the release of an uplink SPS grant. The trigger point corresponds to the sum of maxNonVolPthroughputForSPSactivationUI and nonVolPthroughputHystUI.
Displayed name	NonVolPthroughputHystUI (General)
Impact	Partial reset (class B)
Maximum	512
Minimum	0
Type	Integer
Units	Kbits/s

Table 369-11 sIRtargetSPSCorrectionResetValueUI

Name	Value
Default	3
Description	This parameter controls the value used to re-initialize the uplink SPS BLER control loop SINR correction after the detection of a performance issue with an uplink SPS grant.
Displayed name	sIRtargetSPSCorrectionResetValueUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	-10
Step	0.1

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Name	Value
Type	Floating point
Units	dB

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Table 369-12 sIRtargetSPSCorrectionThresholdForSPSreleaseUI

Name	Value
Default	10
Description	This parameter controls the SPS BLER control loop SINR correction threshold used to detect performance issues with uplink SPS grants. When this threshold is reached, an uplink SPS release procedure is triggered, the BLER correction value is reset to the value of the sIRtargetSPSCorrectionResetValueUL parameter and the sPSactivationProhibitTimeUponSPSfailureUL timer is started.
Displayed name	sIRtargetSPSCorrectionThresholdForSPSreleaseUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Step	0.1
Type	Floating point
Units	dB

Table 369-13 sPSactivationProhibitTimeUponCallSetupUI

Name	Value
Default	0.5
Description	This parameter controls the guard time used to prevent the activation of uplink SPS grants for a period of time after the creation of the UE context in the cell (that is, upon call setup or upon handover). This guard time is necessary to give time to RoHC, uplink power control and various measurement internal metrics to converge.
Displayed name	sPSactivationProhibitTimeUponCallSetupUI (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Step	0.25
Type	Floating point
Units	s

Table 369-14 sPSActivationProhibitTimeUponSPSfailureUI

Name	Value
Default	15
Description	This parameter controls the guard time used to prevent a new uplink SPS activation procedure after an uplink SPS grant activation failure or upon detection of a performance issue with an SPS grant.
Displayed name	sPSActivationProhibitTimeUponSPSfailureUI (General)
Impact	Partial reset (class B)
Maximum	15
Minimum	0
Step	0.25
Type	Floating point
Units	s

Table 369-15 sPSHarqTxCountBeforeSPSgrantReTxUI

Name	Value
Default	3
Description	This parameter controls the number of SPS HARQ transmissions to observe before deciding, if the HARQ process is still with CRC check = not ok, that the uplink SPS grant has not been received by the UE and it is time to resend the SPS grant.
Displayed name	sPSHarqTxCountBeforeSPSgrantReTxUI (General)
Impact	Partial reset (class B)
Maximum	5
Minimum	1
Type	Integer

Table 369-16 sPSprioMetricTableUI

Name	Value
Description	This table controls the priority weight value of each PUSCH PRB. It is used by the uplink SPS scheduling to prioritize the choice of PRBs and therefore concentrate the SPS grants in some areas of the PUSCH spectrum. The higher the priority, the higher the chance of using this PRB for SPS. A values set to -1 means that the PRB is not allowed to be used for SPS scheduling.
Impact	Partial reset (class B)
Type	SPSprioMetricTableUIType

Table 369-17 sPSreleaseCountForCauseImplicitReleaseEmptyFrameUI

Name	Value
Default	0
Description	This parameter controls the number of explicit uplink SPS release commands sent to the UE when an implicit SPS release is detected through the observation x consecutive uplink SPS empty frames.
Displayed name	sPSreleaseCountForCauseImplicitReleaseEmptyFrameUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 369-18 sPSreleaseCountForCauseImplicitReleaseHarqFailureUI

Name	Value
Default	1
Description	This parameter controls the number of explicit uplink SPS release commands sent to the UE when an implicit SPS release is detected through the observation x consecutive uplink SPS HARQ failures.
Displayed name	sPSreleaseCountForCauseImplicitReleaseHarqFailureUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 369-19 sPSreleaseCountForHighThroughputCaseUI

Name	Value
Default	1
Description	This parameter controls the number of explicit uplink SPS release commands sent to the UE when the non-VoIP uplink data rate exceeds a threshold level controlled by the sum of the nonVoIPthroughputHystUI and maxNonVoIPthroughputForSPSactivationUI .
Displayed name	sPSreleaseCountForHighThroughputCaseUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 369-20 sPSreleaseCountForMGactivationUI

Name	Value
Default	2
Description	This parameter controls the number of explicit uplink SPS release commands sent to the UE when a MG configuration command is received whilst the UE is configured with an uplink SPS grant.
Displayed name	sPSreleaseCountForMGactivationUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 369-21 sPSreleaseCountForPoorPerformanceCaseUI

Name	Value
Default	3
Description	This parameter controls the number of explicit uplink SPS release commands sent to the UE when a performance issue is detected with the UL SPS grant.
Displayed name	sPSreleaseCountForPoorPerformanceCaseUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

Table 369-22 sPSreleaseCountForSPSReleaseUI

Name	Value
Default	1
Description	This parameter controls the number of explicit uplink SPS release commands sent to the UE when a trigger for the release of the SPS configuration is received.
Displayed name	sPSreleaseCountForSPSReleaseUI (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	0
Type	Integer

370 –UserStatsBearerContextAbstract

Table 370-1 UserStatsBearerContextAbstract parameters

Parameters	
apnName bcBearerType	bearerId pcPdnType

Table 370-2 apnName

Name	Value
Default	No default
Displayed name	APN Name (General)
Mandatory on creation	Yes
Type	String

Table 370-3 bcBearerType

Name	Value
Default	No default
Displayed name	Bearer Type (General)
Mandatory on creation	Yes
Type	BearerTypeEnum

Table 370-4 bearerId

Name	Value
Default	No default
Displayed name	Bearer Id (General)
Mandatory on creation	Yes
Type	Long integer

Table 370-5 pcPdnType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	PdnTypeEnum

371 –UserStatsPdnContextAbstract

Table 371-1 UserStatsPdnContextAbstract parameters

Parameters	
apnName pcLinkedBearerId	pcPdnType

Table 371-2 apnName

Name	Value
Default	No default
Displayed name	APN Name (General)
Mandatory on creation	Yes
Type	String

Table 371-3 pcLinkedBearerId

Name	Value
Default	No default
Displayed name	Linked Bearer ID (General)
Mandatory on creation	Yes
Type	Long integer

Table 371-4 pcPdnType

Name	Value
Default	No default
Displayed name	Type (General)
Mandatory on creation	Yes
Type	PdnTypeEnum

372 –UserStatsQuery

Table 372-1 UserStatsQuery parameters

Parameters	
apnName	queryId
apnNameAll	sdfFilterDirection
bearerId	sdfFilterDirectionAll
bearerIdAll	sdfFilterId
description	sdfFilterIdAll
includeBearerContext	sdfPrecedence
includePdnContext	sdfPrecedenceAll
includeSdf	uelmsi
includeSdfFilter	

Table 372-2 apnName

Name	Value
Default	No default
Displayed name	APN Name (General)
Type	String

Table 372-3 apnNameAll

Name	Value
Default	True
Displayed name	Include All APNs (General)
Type	Boolean

Table 372-4 bearerId

Name	Value
Default	0
Displayed name	Bearer ID (General)
Type	Integer

Table 372-5 bearerIdAll

Name	Value
Default	True
Displayed name	Include All Bearers (General)
Type	Boolean

Table 372-6 description

Name	Value
Default	No default
Displayed name	Description (General)
Mandatory on creation	Yes
Type	String

Table 372-7 includeBearerContext

Name	Value
Default	True
Displayed name	Bearer Context (General)
Type	Boolean

Table 372-8 includePdnContext

Name	Value
Default	True
Displayed name	PDN Context (General)
Type	Boolean

Table 372-9 includeSdf

Name	Value
Default	True
Displayed name	SDF (General)
Type	Boolean

Table 372-10 includeSdfFilter

Name	Value
Default	True
Displayed name	SDF Filter (General)
Type	Boolean

Table 372-11 queryId

Name	Value
Default	0
Displayed name	Query ID (General)
Mandatory on creation	Yes
Minimum	1
Type	Long integer

Table 372-12 sdfFilterDirection

Name	Value
Default	undefined
Displayed name	SDF Direction (General)
Type	SdfFilterDirectionEnum

Table 372-13 sdfFilterDirectionAll

Name	Value
Default	True
Displayed name	Include All Directions (General)
Type	Boolean

Table 372-14 sdfFilterId

Name	Value
Default	0
Displayed name	SDF Filter ID (General)
Maximum	16
Minimum	0
Type	Integer

Table 372-15 sdfFilterIdAll

Name	Value
Default	True
Displayed name	Include All IDs (General)
Type	Boolean

Table 372-16 sdfPrecedence

Name	Value
Default	0
Displayed name	SDF Precedence (General)
Type	Long integer

Table 372-17 sdfPrecedenceAll

Name	Value
Default	True
Displayed name	Include All Precedences (General)
Type	Boolean

Table 372-18 uelmsi

Name	Value
Default	No default
Displayed name	IMSI (General)
Type	String

373 –UserStatsQueryOutputEntryAbstract

Table 373-1 UserStatsQueryOutputEntryAbstract parameters

Parameters	
description epcId queryId querySnapshotId	queryState siteId siteIdAddressType uelmsi

Table 373-2 description

Name	Value
Default	No default
Displayed name	Description (General)
Mandatory on creation	Yes
Type	String

Table 373-3 epcId

Name	Value
Default	No default
Displayed name	EPC ID (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	Long integer

(2 of 2)

Table 373-4 queryId

Name	Value
Default	No default
Displayed name	Query ID (General)
Mandatory on creation	Yes
Type	Long integer

Table 373-5 querySnapshotId

Name	Value
Default	No default
Displayed name	Query Snapshot ID (General)
Mandatory on creation	Yes
Type	Long integer

Table 373-6 queryState

Name	Value
Default	Notstarted
Displayed name	Query State (General)
Mandatory on creation	Yes
Type	QueryStateEnum

Table 373-7 siteId

Name	Value
Default	No default
Displayed name	Site ID (General)
Mandatory on creation	Yes
Type	IP address

Table 373-8 siteldAddressType

Name	Value
Mandatory on creation	Yes
Type	InetAddressType

Table 373-9 uelmsi

Name	Value
Default	No default
Displayed name	IMSI (General)
Mandatory on creation	Yes
Type	String

374 –UserStatsQueryOutputSnapshot

Table 374-1 UserStatsQueryOutputSnapshot parameters

Parameters	
description queryId querySnapshotId queryState	requestTime responseTime siteIdAddressType uelmsi

Table 374-2 description

Name	Value
Default	No default
Displayed name	Description (General)
Mandatory on creation	Yes
Type	String

Table 374-3 queryId

Name	Value
Default	No default
Displayed name	Query ID (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	Long integer

(2 of 2)

Table 374-4 querySnapshotId

Name	Value
Default	0
Displayed name	Query Snapshot ID (General)
Mandatory on creation	Yes
Minimum	1
Type	Long integer

Table 374-5 queryState

Name	Value
Default	Notstarted
Displayed name	Query State (General)
Mandatory on creation	Yes
Type	QueryStateEnum

Table 374-6 requestTime

Name	Value
Displayed name	Request Time (General)
Type	DATE

Table 374-7 responseTime

Name	Value
Displayed name	Response Time (General)
Type	DATE

Table 374-8 siteldAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 374-9 uelmsi

Name	Value
Default	No default
Displayed name	IMSI (General)
Mandatory on creation	Yes
Type	String

375 –UserStatsSdfAbstract

Table 375-1 UserStatsSdfAbstract parameters

Parameters	
apnName bcSdfPacketFilters bcSdfPcrfPrecedence bcSdfQosDIGbr bcSdfQosDIMbr bcSdfQosUIGbr	bcSdfQosUIMbr bcSdfRuleName bearerId pcPdnType sdfPrecedence

Table 375-2 apnName

Name	Value
Default	No default
Displayed name	APN Name (General)
Mandatory on creation	Yes
Type	String

Table 375-3 bcSdfPacketFilters

Name	Value
Default	No default
Displayed name	Packet Filters (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	Long integer

(2 of 2)

Table 375-4 bcSdfPcrfPrecedence

Name	Value
Default	No default
Displayed name	PCRF Precedence (General)
Mandatory on creation	Yes
Type	Long integer

Table 375-5 bcSdfQosDIGbr

Name	Value
Default	No default
Displayed name	Qos Downlink Guaranteed Bit Rate (General)
Mandatory on creation	Yes
Type	Long integer

Table 375-6 bcSdfQosDIMbr

Name	Value
Default	No default
Displayed name	Qos Downlink Maximum Bit Rate (General)
Mandatory on creation	Yes
Type	Long integer

Table 375-7 bcSdfQosUIGbr

Name	Value
Default	No default
Displayed name	Qos Uplink Guaranteed Bit Rate (General)
Mandatory on creation	Yes
Type	Long integer

Table 375-8 bcSdfQosUIMbr

Name	Value
Default	No default
Displayed name	Qos Uplink Maximum Bit Rate (General)
Mandatory on creation	Yes
Type	Long integer

Table 375-9 bcSdfRuleName

Name	Value
Default	No default
Displayed name	Rule Name (General)
Mandatory on creation	Yes
Type	String

Table 375-10 bearerId

Name	Value
Default	No default
Displayed name	Bearer ID (General)
Mandatory on creation	Yes
Type	Long integer

Table 375-11 pcPdnType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	PdnTypeEnum

Table 375-12 sdfPrecedence

Name	Value
Default	No default
Displayed name	SDF Precedence (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	Long integer

(2 of 2)

376 –UserStatsSdfFilterAbstract

Table 376-1 UserStatsSdfFilterAbstract parameters

Parameters	
apnName bearerId pcPdnType sdfFilterDirection	sdfFilterId sdfFilterProtocol sdfPrecedence

Table 376-2 apnName

Name	Value
Default	No default
Displayed name	APN Name (General)
Mandatory on creation	Yes
Type	String

Table 376-3 bearerId

Name	Value
Default	No default
Displayed name	Bearer ID (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	Long integer

(2 of 2)

Table 376-4 pcPdnType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	PdnTypeEnum

Table 376-5 sdfFilterDirection

Name	Value
Default	No default
Displayed name	Filter Direction (General)
Mandatory on creation	Yes
Type	SdfFilterDirectionEnum

Table 376-6 sdfFilterId

Name	Value
Default	No default
Displayed name	Filter ID (General)
Mandatory on creation	Yes
Type	Long integer

Table 376-7 sdfFilterProtocol

Name	Value
Default	No default
Displayed name	Filter Protocol (General)
Mandatory on creation	Yes
Type	FilterProtocolEnum

Table 376-8 sdfPrecedence

Name	Value
Default	No default
Displayed name	SDF Precedence (General)
Mandatory on creation	Yes
Type	Long integer

377 –UserStatsSdfFilterPgw

Table 377-1 UserStatsSdfFilterPgw parameters

Parameters	
sdfFilterDstAdrType	sdfFilterSrcAdrType

Table 377-2 sdfFilterDstAdrType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 377-3 sdfFilterSrcAdrType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

378 –UserStatsUserAbstract

Table 378-1 UserStatsUserAbstract parameters

Parameters	
ueBearerContexts ueCellId ueMslmei ueMslsdn ueNai ueNwkMcc	ueNwkMnc uePdnContexts ueRat ueState ueTrackingAreald

Table 378-2 ueBearerContexts

Name	Value
Default	No default
Displayed name	UE Bearer Context (General)
Mandatory on creation	Yes
Type	Long integer

Table 378-3 ueCellId

Name	Value
Default	No default
Displayed name	UE Cell ID (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	Long integer

(2 of 2)

Table 378-4 ueMslmei

Name	Value
Default	No default
Displayed name	UE IMEI (General)
Mandatory on creation	Yes
Type	String

Table 378-5 ueMslsdn

Name	Value
Default	No default
Displayed name	MS ISDN (General)
Mandatory on creation	Yes
Type	String

Table 378-6 ueNai

Name	Value
Default	No default
Displayed name	UE Network Address Identifier (General)
Mandatory on creation	Yes
Type	String

Table 378-7 ueNwkMcc

Name	Value
Default	No default
Displayed name	UE Mobile Country Code (General)
Mandatory on creation	Yes
Type	String

Table 378-8 ueNwkMnc

Name	Value
Default	No default
Displayed name	UE Mobile Network Code (General)
Mandatory on creation	Yes
Type	String

Table 378-9 uePdnContexts

Name	Value
Default	No default
Displayed name	UE PDN Context (General)
Mandatory on creation	Yes
Type	Long integer

Table 378-10 ueRat

Name	Value
Default	No default
Displayed name	UE Radio Access Type (General)
Mandatory on creation	Yes
Type	UeRatEnum

Table 378-11 ueState

Name	Value
Default	No default
Displayed name	UE State (General)
Mandatory on creation	Yes
Type	UeStateEnum

Table 378-12 ueTrackingAreald

Name	Value
Default	No default
Displayed name	Tracking Area ID (General)
Mandatory on creation	Yes
Type	Long integer

379 –UserStatsUserPgw

Table 379-1 UserStatsUserPgw parameters

Parameters	
ueRfPgwAddr	ueRfPgwAddrType

Table 379-2 ueRfPgwAddr

Name	Value
Default	No default
Displayed name	RF PGW Address (General)
Mandatory on creation	Yes
Type	IP address

Table 379-3 ueRfPgwAddrType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

380 –UserStatsUserSgw

Table 380-1 UserStatsUserSgw parameters

Parameters	
ueCardSlotNum ueChassisIndex ueInitServReqProcs ueIntraSgwIdleTau uePagedCount uePagingReq ueRfSgwAddr ueRfSgwAddrType ueS11InterEnbS1HandOv	ueS11InterEnbX2HandOv ueS11MmeCtrlAddr ueS11MmeCtrlAddrType ueS11MmeCtrlTeid ueS11SgwCtrlAddr ueS11SgwCtrlAddrType ueS11SgwCtrlTeid ueS1ReleaseProcedures

Table 380-2 ueCardSlotNum

Name	Value
Default	No default
Displayed name	Card Slot Number (General)
Mandatory on creation	Yes
Type	Long integer

Table 380-3 ueChassisIndex

Name	Value
Default	No default
Displayed name	Chassis Index (General)
Mandatory on creation	Yes
Type	Long integer

Table 380-4 ueInitServReqProcs

Name	Value
Default	No default
Displayed name	UE Initiated Service Request (General)
Mandatory on creation	Yes
Type	Long integer

Table 380-5 ueIntraSgwIdleTau

Name	Value
Default	No default
Displayed name	UE Idle Mode TAU (General)
Mandatory on creation	Yes
Type	Long integer

Table 380-6 uePagedCount

Name	Value
Default	No default
Displayed name	UE Equipment paged count (General)
Mandatory on creation	Yes
Type	Long integer

Table 380-7 uePagingReq

Name	Value
Default	No default
Displayed name	Paging Request (General)
Mandatory on creation	Yes
Type	Long integer

Table 380-8 ueRfSgwAddr

Name	Value
Default	No default
Displayed name	RF SGW Address (General)
Mandatory on creation	Yes
Type	IP address

Table 380-9 ueRfSgwAddrType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 380-10 ueS11InterEnbS1HandOv

Name	Value
Default	No default
Displayed name	S1 Based Handovers (General)
Mandatory on creation	Yes
Type	Long integer

Table 380-11 ueS11InterEnbX2HandOv

Name	Value
Default	No default
Displayed name	X2 Based Handovers (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	Long integer

(2 of 2)

Table 380-12 ueS11MmeCtrlAddr

Name	Value
Default	No default
Displayed name	S11 MME Control Address (General)
Mandatory on creation	Yes
Type	IP address

Table 380-13 ueS11MmeCtrlAddrType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 380-14 ueS11MmeCtrlTeid

Name	Value
Default	No default
Displayed name	S11 MME Control TEID (General)
Mandatory on creation	Yes
Type	Long integer

Table 380-15 ueS11SgwCtrlAddr

Name	Value
Default	No default
Displayed name	S11 SGW Control Address (General)
Mandatory on creation	Yes
Type	IP address

Table 380-16 ueS11SgwCtrlAddrType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 380-17 ueS11SgwCtrlTeid

Name	Value
Default	No default
Displayed name	S11 SGW Control TEID (General)
Mandatory on creation	Yes
Type	Long integer

Table 380-18 ueS1ReleaseProcedures

Name	Value
Default	No default
Displayed name	S1 Release Procedures (General)
Mandatory on creation	Yes
Type	Long integer

381 –UtraAnr

Table 381-1 UtraAnr parameters

Parameters	
activePhaseMeasReportHysteresis activePhaseMeasReportThreshold drxCycleForReportCGI id	isRnclInUtraCgi uEContributionTargetInActivePhase uEContributionTargetInMonitoringPhase

Table 381-2 activePhaseMeasReportHysteresis

Name	Value
Default	200
Description	This parameter specifies the minimum number of consecutive measurement reports received by the eNodeB without discovering a new UTRAN neighbor relation that is required to exit the active phase of ANR. The other condition is given by parameter activePhaseMeasReportThreshold.
Displayed name	activePhaseMeasReportHysteresis (General)
Impact	No reset (class C)
Maximum	500
Minimum	5
Step	5
Type	Integer

Table 381-3 activePhaseMeasReportThreshold

Name	Value
Default	1000
Description	This parameter specifies the minimum number of measurement reports received by the eNodeB that is required to exit the active phase of UTRAN ANR. The other condition is given by parameter activePhaseMeasReportHysteresis.
Displayed name	activePhaseMeasReportThreshold (General)
Impact	No reset (class C)
Maximum	2000
Minimum	10
Step	10
Type	Integer

Table 381-4 drxCycleForReportCGI

Name	Value
Default	sf640
Description	This parameter specifies the DRX long cycle length that is used when a UE is requested to report the ECGI of an UTRAN neighbor cell, as part of the Automatic Neighbor Relation function.
Displayed name	drxCycleForReportCGI (General)
Impact	No reset (class C)
Type	DrxCycleForInterRatReportCGIEnum

Table 381-5 id

Name	Value
Description	UtraAnr identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 381-6 isRncIdInUtraCgi

Name	Value
Default	True
Description	This parameter specifies if RNCid can be extracted from UTRAN CGI received in reportCGI measurement report from UE.
Displayed name	isRncIdInUtraCgi (General)
Mandatory on creation	Yes
Type	Boolean

Table 381-7 uEContributionTargetInActivePhase

Name	Value
Default	300
Description	This parameter specifies the contribution, in terms of number of measurement configurations, to the active phase of UTRAN ANR. It also applies to the wake-up phase.
Displayed name	uEContributionTargetInActivePhase (General)
Impact	No reset (class C)
Type	UEContributionTargetInActivePhaseEnum

Table 381-8 uEContributionTargetInMonitoringPhase

Name	Value
Default	10
Description	This parameter specifies the contribution, in terms of number of measurement configurations, to the monitoring phase of UTRAN ANR.
Displayed name	uEContributionTargetInMonitoringPhase (General)
Impact	No reset (class C)
Maximum	30
Minimum	10
Step	10
Type	Integer

382 –UtraFddNeighboring

Table 382-1 id

Name	Value
Description	UtraFddNeighboring identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

383 –UtraFddNeighboringCellRelation

Table 383-1 UtraFddNeighboringCellRelation parameters

Parameters	
cld id isCellIncludedForRedirectionAssistance lac measuredByAnr noHoOrRedirection noRemove physCellIdUTRA	rac racV4 rdnId rncAccessId utraFddNeighboringFreqConfId utraSystemInformationContainer voiceOverlapEnabled

Table 383-2 cld

Name	Value
Description	UMTS Parameter TS 25433 section 9.2.1.9 C-Id : the C-ID (Cell identifier) is the identifier of a cell in one RNC. C-ID INTEGER (0..65535). This cell-identifier is used to build (together with the RNC-Id) the UC-Id of an UTRAN cell
Displayed name	cld (General)
Maximum	65535
Minimum	0
Type	Integer

Table 383-3 id

Name	Value
Description	User friendly UtraFddNeighboringCell name, for operator use, but also part of eNodeB MIM.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 383-4 isCellIncludedForRedirectionAssistance

Name	Value
Default	False
Description	This parameter indicates whether the UTRAN cell can be included for redirection assistance (enhanced redirection).
Displayed name	isCellIncludedForRedirectionAssistance (General)
Impact	No reset (class C)
Type	Boolean

Table 383-5 lac

Name	Value
Default	00
Description	TS36.413: Target ID: it identifies the target for the handover. The target ID is the RNC-ID for SAE/LTE-UMTS handover as selected by the ENB. The Target ID when set to Target RNC-ID includes LAI: LAI is used to uniquely identify a Location Area. The LAI is made of the PLMN identity and of the LAC Semantics description: 0000 and FFFE not allowed.
Displayed name	lac (General)
Impact	No reset (class C)
Maximum	65535
Minimum	0
Type	String

Table 383-6 measuredByAnr

Name	Value
Default	False
Description	This attribute indicates whether the neighbor relation has been measured over the air by the ANR function. It allows easy identification of the neighbor relations that have been "confirmed" or discovered by the ANR feature.
Displayed name	measuredByAnr (General)
Mandatory on creation	Yes
Type	Boolean

Table 383-7 noHoOrRedirection

Name	Value
Default	False
Description	This flag allows or forbids eNodeB to use the UTRAN neighbor relation for outgoing mobility procedure.
Displayed name	NoHoOrRedirection (General)
Impact	No reset (class C)
Type	Boolean

Table 383-8 noRemove

Name	Value
Default	False
Description	This parameter is a flag that allows or forbids the deletion of the UtraFddNeighboringCellRelation by the eNodeB.
Displayed name	NoRemove (General)
Impact	No reset (class C)
Type	Boolean

Table 383-9 physCellIdUTRA

Name	Value
Description	TS36.331: this parameter configures the IE physCellId that is used to indicate the physical layer identity of the cell, i.e. the primary scrambling code, as defined in TS 25.331. The IE physCellId is included in the IE MeasObjectUTRA in the IE MeasConfig. The IE physCellId is included in the IE MeasResults in the IE MeasResultUTRA.
Displayed name	physCellIdUTRA (General)

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Name	Value
Impact	No reset (class C)
Maximum	511
Minimum	0
Type	Integer

(2 of 2)

Table 383-10 rac

Name	Value
Default	0
Description	TS36.413: RAC is used to identify a Routing Area within a Location Area. It is used for PS services Target ID: it identifies the target for the handover. The target ID is the RNC-ID for SAE/LTE-UMTS handover as selected by the ENB. The Target ID when set to Target RNC-ID includes RAC
Displayed name	rac (General)
Impact	No reset (class C)
Maximum	255
Minimum	0
Type	String
Units	hex

Table 383-11 racV4

Name	Value
Default	0
Description	This parameter is used to identify a Routing Area within a Location Area refer to 36.413 RAC IE
Displayed name	rac (General)
Impact	No reset (class C)
Maximum	255
Minimum	0
Type	Integer

Table 383-12 rdnlId

Name	Value
Description	RDN of the MIB object instance
Displayed name	rdnlId (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	Integer

Table 383-13 rncAccessId

Name	Value
Description	This parameter is an association (also called indirection or pointer). This parameter refers to the instance of the rncAccess MO that must be considered to retrieve all the information related to the target RNC controlling the UTRA FDD cell modeled by this instance of UtraFddNeighboringCellRelation MO
Export	No
Impact	No reset (class C)
Type	String
Unset supported	Yes

Table 383-14 utraFddNeighboringFreqConfId

Name	Value
Description	This parameter is an association (also called indirection or pointer). This parameter refers to the instance of the UtraFddNeighboringFreqConf MO that must be considered to retrieve all the frequency information related to this instance of the MO UtraFddNeighboringCellRelation
Export	No
Impact	No reset (class C)
Type	String

Table 383-15 utraSystemInformationContainer

Name	Value
Default	0000
Description	This parameter will provide, to the UTRAN FDD neighbor relation, the System Information Container for the UTRAN cell with all necessary SIBs (MIB, SIB1, SIB3, SIB5, SIB7, SIB11 and SIB12), as defined in TS 25.331. The System Information data for the UTRAN neighboring cells will be imported to the OMC using file transfer(s). The imported file will then be used to assign values for instances of this eNodeB parameter. No manual provisioning of this UTRAN SIB parameter will be required. The maximum size of 2000 hexadecimal digits corresponds to an octet string of size 1000.
Displayed name	utraSystemInformationContainer (General)
Impact	No reset (class C)
Maximum	2000
Minimum	0
Type	String
Units	hex
Unset supported	Yes

Table 383-16 voiceOverIpEnabled

Name	Value
Description	This flag enables or not the PS handover to UTRA FDD for Voice Over IP. If set to true on source eNB, PS handover to this UTRA FDD target cell will be performed for VoIP since the target cell supports VoIP. If set to False on source eNB, there will be no PS handover to UTRA FDD for this Voice Over IP.
Displayed name	voiceOverIpEnabled (General)
Impact	No reset (class C)
Type	Boolean

384 –UtraFddNeighboringFreqConf

Table 384-1 UtraFddNeighboringFreqConf parameters

Parameters	
bandUtraFdd carrierFreq id	priorityOfBandUtraFdd priorityOfFreq

Table 384-2 bandUtraFdd

Name	Value
Description	ENUMERATED {bandI, bandII, bandIII, bandIV, bandV, bandVI,bandVII, bandVIII, bandIX, bandX, bandXI, bandXII, bandXIII, bandXIV, bandXV, bandXVI,..} that is compared with the IE supportedBandUTRA-FDD of the IE UE-EUTRA-Capability. TS36.331: the IE UE-EUTRA-Capability is used to convey the E-UTRA UE Radio Access Capability Parameters, see TS 36.306, to the network. The IE UE-EUTRA-Capability is transferred in E-UTRA or in another RAT.
Displayed name	bandUtraFdd (General)
Impact	No reset (class C)
Type	SupportedBandUtraFddEnum

Table 384-3 carrierFreq

Name	Value
Description	The IE carrierFreq is used to indicate the ARFCN applicable for a downlink (Nd, FDD) or bi-directional (Nt, TDD) UTRA carrier frequency, as defined in TS 25.331. For example in TS36.331: this parameter configures the IE carrierFreq included in the IE SystemInformationBlockType6
Displayed name	carrierFreq (General)
Impact	No reset (class C)
Maximum	16383
Minimum	0
Type	Integer

Table 384-4 id

Name	Value
Description	RDN of the MIB object instance
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

Table 384-5 priorityOfBandUtraFdd

Name	Value
Description	FRS 103612 ALU proprietary: for the blind PS handover, this parameter is used to select the UTRA-FDD band in case of deployment of multi-band UTRA-FDD and a UE that supports multi-band UTRA-FDD
Displayed name	priorityOfBandUtraFdd (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 384-6 priorityOfFreq

Name	Value
Description	1. [36331]: this parameter contributes to the configuration of the IE IdleModeMobilityControlInfo: freqPriorityListUTRA-FDD (Optional). 2. This attribute is used by the Algorithm for RRC Measurement Configuration 3. This attribute is used by the Algorithm for Control Procedure for Mobility (RAT chosen for the blind redirection)
Displayed name	priorityOfFreq (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

385 –UtranAccessGroup

Table 385-1 id

Name	Value
Description	UtranAccessGroup identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

386 –UtraNeighboring

Table 386-1 UtraNeighboring parameters

Parameters	
id	tReselectionUtra

Table 386-2 id

Name	Value
Description	UtraNeighboring identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 386-3 tReselectionUtra

Name	Value
Description	This parameter configures the t-ReselectionUTRA included in the IE SystemInformationBlockType6, as defined in TS36.331. This is the TreselectionUTRAN parameter defined in TS36.304. This concerns the cell reselection timer TreselectionRAT for UTRA. Value is defined in seconds.
Displayed name	tReselectionUtra (General)

(1 of 2)

Name	Value
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer
Units	s

(2 of 2)

387 –UtraSiTimersConf

Table 387-1 UtraSiTimersConf parameters

Parameters	
id timeToWaitForEnbDirectInfoTransfer	tS1EnbDirectInfoTransferTrir

Table 387-2 id

Name	Value
Description	UtraSiTimersConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

Table 387-3 timeToWaitForEnbDirectInfoTransfer

Name	Value
Default	1440
Description	This parameter defines the time to wait before the eNodeB retries to retrieve the sys info for an UTRAN cell from a target RNC. The eNodeB starts this timer to get sys info periodically or when sys info is no more valid or deleted in the context for this UTRAN cell and when all network conditions are fulfilled so that the eNodeB can request the sys info.
Displayed name	timeToWaitForEnbDirectInfoTransfer (General)
Impact	No reset (class C)
Maximum	1440
Minimum	1
Type	Integer
Units	min

Table 387-4 tS1EnbDirectInfoTransferTrir

Name	Value
Default	3000
Description	This parameter is defined in 48.018 and is used in the eNodeB to control the reception of the response to a previously transmitted RAN-INFORMATION-REQUEST PDU piggybacked in S1 ENB DIRECT INFORMATION TRANSFER. It is started when RAN-INFORMATION-REQUEST PDU piggybacked in S1 ENB DIRECT INFORMATION TRANSFER is sent by eNodeB. It is stopped when RAN-INFORMATION PDU is received on S1 piggybacked in MME DIRECT INFORMATION TRANSFER.
Displayed name	tS1EnbDirectInfoTransferTrir (General)
Impact	No reset (class C)
Maximum	10000
Minimum	1
Type	Integer
Units	ms

388 –UltraSpeedConf

Table 388-1 UltraSpeedConf parameters

Parameters	
id tReselectionUtraSfHigh	tReselectionUtraSfMedium

Table 388-2 id

Name	Value
Description	UltraSpeedConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 388-3 tReselectionUltraSfHigh

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType6. TS36.331: this parameter configures the t-ReselectionUTRA-SF included in the IE SystemInformationBlockType6. Parameter "Speed dependent ScalingFactor for TreselectionUTRA" in TS 36.304. If the field is not present, the UE behaviour is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	tReselectionUltraSfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum

Table 388-4 tReselectionUltraSfMedium

Name	Value
Description	TS36.331: this parameter contributes to the configuration of the IE SystemInformationBlockType6. TS36.331: this parameter configures the t-ReselectionUTRA-SF included in the IE SystemInformationBlockType6. Parameter "Speed dependent ScalingFactor for TreselectionUTRA" in TS 36.304. If the field is not present, the UE behaviour is specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in Medium Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	tReselectionUltraSfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum

389 –UltraSpeedDependentConf

Table 389-1 UltraSpeedDependentConf parameters

Parameters	
id tReselectionUtraSfHigh	tReselectionUtraSfMedium

Table 389-2 id

Name	Value
Description	UltraSpeedDependentConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 389-3 tReselectionUtraSfHigh

Name	Value
Description	This parameter contributes to the configuration of the IE SystemInformationBlockType6 and configures the t-ReselectionUTRA-SF included in the IE SystemInformationBlockType6, as defined in TS 36.331. This is defined as the parameter, "Speed dependent ScalingFactor for TreselectionUTRA" in TS 36.304. If the field is not present, refer to the UE behaviour specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in High Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	tReselectionUtraSfHigh (General)
Impact	No reset (class C)
Type	SpeedFactorsHighEnum

Table 389-4 tReselectionUtraSfMedium

Name	Value
Description	This parameter contributes to the configuration of the IE SystemInformationBlockType6 and configures the t-ReselectionUTRA-SF included in the IE SystemInformationBlockType6, as defined in TS 36.331. This is defined as the parameter, "Speed dependent ScalingFactor for TreselectionUTRA" in TS 36.304. If the field is not present, refer to the UE behaviour specified in TS 36.304. The concerned mobility control related parameter is multiplied with this factor if the UE is in Medium Mobility state as defined in TS 36.304. Value oDot25 corresponds to 0.25, oDot5 corresponds to 0.5 , oDot75 corresponds to 0.75 and so on.
Displayed name	tReselectionUtraSfMedium (General)
Impact	No reset (class C)
Type	SpeedFactorsMediumEnum

390 –UtraTddNeighboring

Table 390-1 id

Name	Value
Description	UtraTddNeighboring identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

391 –UtraTddNeighboringCellRelation

Table 391-1 UtraTddNeighboringCellRelation parameters

Parameters	
cld id isCellIncludedForRedirectionAssistance lac physCellIdUTRATdd rac	racV4 rdnId rncAccessId utraTddNeighboringFreqConfId voiceOverIpEnabled

Table 391-2 cld

Name	Value
Description	[25.433] 9.2.1.9 C-ID: The C-ID (Cell identifier) is the identifier of a cell in one RNC. C-ID is an INTEGER (0..65535)
Displayed name	cld (General)
Impact	No reset (class C)
Maximum	65535
Minimum	0
Type	Integer

Table 391-3 id

Name	Value
Description	User friendly UtraTddNeighboringCell name, for operator use, but also part of eNodeB MIM.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	String

Table 391-4 isCellIncludedForRedirectionAssistance

Name	Value
Default	False
Description	This parameter indicates whether the UTRAN cell can be included for redirection assistance (enhanced redirection).
Displayed name	isCellIncludedForRedirectionAssistance (General)
Impact	No reset (class C)
Type	Boolean

Table 391-5 lac

Name	Value
Default	00
Description	TS36.413: Target ID: it identifies the target for the handover. The target ID is the RNC-ID for SAE/LTE-UMTS handover as selected by the ENB. The Target ID when set to Target RNC-ID includes LAI: LAI is used to uniquely identify a Location Area. The LAI is made of the PLMN identity and of the LAC Semantics description: 0000 and FFFE not allowed
Displayed name	lac (General)
Impact	No reset (class C)
Maximum	65535
Minimum	0
Type	String
Units	hex

Table 391-6 physCellIdUTRATdd

Name	Value
Description	TS36.331: this parameter configures the IE PhysCellIdUTRA-TDD that is used to indicate the physical layer identity of the cell, i.e. the cell parameters ID (TDD), as specified in TS 25.331. Also corresponds to the Initial Cell Parameter Assignment in TS 25.223. The IE PhysCellIdUTRA-TDD is included in the IE MeasObjectUTRA in the IE MeasConfig. The IE PhysCellIdUTRA-TDD is included in the IE MeasResultUTRA.
Displayed name	physCellIdUTRATdd (General)
Impact	No reset (class C)
Maximum	127
Minimum	0
Type	Integer

Table 391-7 rac

Name	Value
Default	0
Description	TS36.413: RAC is used to identify a Routing Area within a Location Area. It is used for PS services Target ID: it identifies the target for the handover. The target ID is the RNC-ID for SAE/LTE-UMTS handover as selected by the ENB. The Target ID when set to Target RNC-ID includes RAC
Displayed name	rac (General)
Impact	No reset (class C)
Maximum	255
Minimum	0
Type	String
Units	hex

Table 391-8 racV4

Name	Value
Default	0
Description	This parameter is used to identify a Routing Area within a Location Area refer to 36.413 RAC IE
Displayed name	rac (General)
Impact	No reset (class C)
Maximum	255
Minimum	0
Type	Integer

Table 391-9 rdnlId

Name	Value
Description	RDN of the MIB object instance
Displayed name	rdnlId (General)
Mandatory on creation	Yes
Maximum	63
Minimum	0
Type	Integer

Table 391-10 rncAccessId

Name	Value
Description	This parameter is an association (also called indirection or pointer). This parameter refers to the instance of the rncAccess MO that must be considered to retrieve all the information related to the target RNC controlling the UTRA TDD cell modeled by this instance of UtraTddNeighboringCellRelation MO
Export	No
Impact	No reset (class C)
Type	String
Unset supported	Yes

Table 391-11 utraTddNeighboringFreqConfId

Name	Value
Description	This parameter is an association (also called indirection or pointer). This parameter refers to the instance of the UtraTddNeighboringFreqConf MO that must be considered to retrieve all the frequency information related to this instance of the MO UtraTddNeighboringCellRelation
Export	No
Impact	No reset (class C)
Type	String

Table 391-12 voiceOverIpEnabled

Name	Value
Description	This flag enables or not the PS handover to UTRA TDD for Voice Over IP. If set to true on source eNB, PS handover to this UTRA TDD target cell will be performed for VoIP since the target cell supports VoIP. If set to False on source eNB, there will be no PS handover to UTRA TDD for this Voice Over IP
Displayed name	voiceOverIpEnabled (General)
Impact	No reset (class C)
Type	Boolean

392 –UtraTddNeighboringFreqConf

Table 392-1 UtraTddNeighboringFreqConf parameters

Parameters	
bandUtraTdd128 bandUtraTdd384 bandUtraTdd768 carrierFreq	id priorityOfBandUtraTdd priorityOfFreq

Table 392-2 bandUtraTdd128

Name	Value
Description	ENUMERATED a, b, c, d, e, f, g, h, i, j, k, l, m, n,o, p, ...}that is compared with the IE supportedBandUTRA-TDD128 of the IE UE-EUTRA-Capability. TS36.331: the IE UE-EUTRA-Capability is used to convey the E-UTRA UE Radio Access Capability Parameters, see TS 36.306, to the network. The IE UE-EUTRA-Capability is transferred in E-UTRA or in another RAT.
Displayed name	bandUtraTdd128 (General)
Impact	No reset (class C)
Type	SupportedBandUtraTddEnum
Unset supported	Yes

Table 392-3 bandUtraTdd384

Name	Value
Description	ENUMERATED a, b, c, d, e, f, g, h, i, j, k, l, m, n,o, p, ...} that is compared with the IE supportedBandUTRA-TDD384 of the IE UE-EUTRA-Capability. TS36.331: the IE UE-EUTRA-Capability is used to convey the E-UTRA UE Radio Access Capability Parameters, see TS 36.306, to the network. The IE UE-EUTRA-Capability is transferred in E-UTRA or in another RAT.
Displayed name	bandUtraTdd384 (General)
Impact	No reset (class C)
Type	SupportedBandUtraTddEnum
Unset supported	Yes

Table 392-4 bandUtraTdd768

Name	Value
Description	ENUMERATED a, b, c, d, e, f, g, h, i, j, k, l, m, n,o, p, ...} that is compared with the IE supportedBandUTRA-TDD768 of the IE UE-EUTRA-Capability. TS36.331: the IE UE-EUTRA-Capability is used to convey the E-UTRA UE Radio Access Capability Parameters, see TS 36.306, to the network. The IE UE-EUTRA-Capability is transferred in E-UTRA or in another RAT.
Displayed name	bandUtraTdd768 (General)
Impact	No reset (class C)
Type	SupportedBandUtraTddEnum
Unset supported	Yes

Table 392-5 carrierFreq

Name	Value
Description	The IE carrierFreq is used to indicate the ARFCN applicable for a downlink (Nd, FDD) or bi-directional (Nt, TDD) UTRA carrier frequency, as defined in TS 25.331. In TS36.331: this parameter configures the IE carrierFreq included in SystemInformationBlockType6.
Displayed name	carrierFreq (General)
Impact	No reset (class C)
Maximum	16383
Minimum	0
Type	Integer

Table 392-6 id

Name	Value
Description	RDN of the MIB object instance
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	15
Minimum	0
Type	Integer

Table 392-7 priorityOfBandUtraTdd

Name	Value
Description	ALU proprietary: for the blind PS handover, this parameter is used to select the UTRA-TDD band in case of deployment of multi-band UTRA-TDD and a UE that supports multi-band UTRA-TDD
Displayed name	priorityOfBandUtraTdd (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

Table 392-8 priorityOfFreq

Name	Value
Description	1. TS36.331v850: this parameter contributes to the configuration of the IE IdleModeMobilityControlInfo ::= SEQUENCE {, freqPriorityListUTRA-FDD (Optional); freqPriorityListUTRA-TDD (Optional);}. 2. This attribute is used by the Algorithm for RRC Measurement Configuration. 3. This attribute is used by the Algorithm for Control Procedure for Mobility (RAT chosen for the blind redirection); to fill cellReselectionPriority in the 36331 RRC IE SystemInformationBlockType6
Displayed name	priorityOfFreq (General)
Impact	No reset (class C)
Maximum	7
Minimum	0
Type	Integer

393 –Vlan

Table 393-1 Vlan parameters

Parameters	
id plmnId transportCacAndShapingConfId	vLanId vLanIdV4 vLanName

Table 393-2 id

Name	Value
Description	Vlan identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	9
Minimum	0
Type	Integer

Table 393-3 plmnId

Name	Value
Description	This parameter refers to the instance of PlmnIdentity object that defines MCC and MNC of the concerned PLMN.
Impact	Full reset (class A)
Type	String

Table 393-4 transportCacAndShapingConfId

Name	Value
Description	This parameter specifies the instance number of the associated TransportCacAndShaping object.
Impact	Full reset (class A)
Type	String

Table 393-5 vLanId

Name	Value
Description	This parameter assigns the VLAN ID of the VLAN.
Displayed name	vLanId (General)
Impact	Full reset (class A)
Maximum	4096
Minimum	2
Type	Integer

Table 393-6 vLanIdV4

Name	Value
Description	This parameter assigns the VLAN ID of the VLAN.
Displayed name	vLanId (General)
Impact	Full reset (class A)
Type	String

Table 393-7 vLanName

Name	Value
Description	This parameter attaches an operator-assigned name to the VLAN. The allowed characters for the VLAN name are letters (A-Z and a-z), decimal digits (0-9) and underscores (_).
Displayed name	vLanName (General)
Impact	No reset (class C)
Maximum	64
Minimum	0
Type	String
Unset supported	Yes

394 –X2Access

Table 394-1 X2Access parameters

Parameters	
administrativeState defaultX2TimeToWait directFwdPathAvailability id macroEnbld macroEnbldUntil_V2_x noRemove noX2	noX2HO plmnMobileCountryCode plmnMobileNetworkCode rdnld remotelpAddress remotelpAddressType s1HoTimersConfld

Table 394-2 administrativeState

Name	Value
Default	unlocked
Displayed name	Administrative State (States)
Type	AdministrativeStateType

Table 394-3 defaultX2TimeToWait

Name	Value
Default	v20s
Description	Default time to wait before retrying to setup X2 interface. It is used when the TimeToWait IE has not been received in the X2 Setup Failure (TS36.423)
Displayed name	defaultX2TimeToWait (General)
Impact	Full reset (class A)
Type	TimeToWaitEnum
Units	s

Table 394-4 directFwdPathAvailability

Name	Value
Default	True
Description	Indicates whether or not a direct data forwarding path is available with the peer eNB. True indicates that a direct path is available.
Displayed name	directFwdPathAvailability (General)
Impact	No reset (class C)
Type	Boolean

Table 394-5 id

Name	Value
Description	user friendly X2Access name, for operator use, but also part of eNodeB MIM, for use in PM reporting. The creator can be either the operator or the eNB. Note min is changed to 1 to force the Operator to give well-defined value
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	64
Minimum	1
Type	String

Table 394-6 macroEnbId

Name	Value
Description	TS 36.423 9.2.22 Global eNB ID of the target eNodeB. This parameter corresponds to the 20 leftmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGI.
Displayed name	macroEnbId (General)

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Name	Value
Mandatory on creation	Yes
Maximum	1048575
Minimum	0
Type	Integer

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Table 394-7 macroEnbIdUntil_V2_x

Name	Value
Description	TS 36.423 9.2.22 Global eNB ID of the target eNodeB. This parameter corresponds to the 20 leftmost bits of E-UTRAN Cell Identifier in TS 36.423 9.2.14 ECGI.
Displayed name	macroEnbId (General)
Mandatory on creation	Yes
Maximum	20
Minimum	20
Type	String

Table 394-8 noRemove

Name	Value
Description	This flag allows or forbids the deletion of the X2 link by eNodeB. The permitted values are true or false. The default value is false. This flag is also used for black-listing and white-listing.
Displayed name	NoRemove (General)
Impact	No reset (class C)
Type	Boolean

Table 394-9 noX2

Name	Value
Description	This flag allows or forbids eNodeB to establish the X2 link. The permitted values are true or false. The default value is false. It is used for X2 black-listing and X2 white-listing.
Displayed name	NoX2 (General)
Impact	No reset (class C)
Type	Boolean

Table 394-10 noX2HO

Name	Value
Description	This flag allows or forbids eNodeB to use X2 link for HO. The permitted values are true and false. The default value is false.
Displayed name	NoX2HO (General)
Impact	No reset (class C)
Type	Boolean

Table 394-11 plmnMobileCountryCode

Name	Value
Default	select
Description	value identifying the country covered and helpfull to identify the target eNB
Displayed name	plmnMobileCountryCode (General)
Maximum	3
Minimum	3
Type	MobileCountryCode

Table 394-12 plmnMobileNetworkCode

Name	Value
Default	00
Description	value identifying the operator covered and helpfull to identify the target eNB
Displayed name	plmnMobileNetworkCode (General)
Maximum	3
Minimum	2
Type	String

Table 394-13 rdnlId

Name	Value
Description	Id (rdn) attribute, identifying the X2Access object instance.
Displayed name	rdnlId (General)
Mandatory on creation	Yes
Maximum	31

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Name	Value
Minimum	0
Type	Integer

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Table 394-14 remotelpAddress

Name	Value
Default	0.0.0.0
Displayed name	Remote IP Address (General)
Mandatory on creation	Yes
Type	IP address

Table 394-15 remotelpAddressType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

Table 394-16 s1HoTimersConflD

Name	Value
Description	This parameter refers to the instance of S1HoTimersConf MO that must be considered for the ENB that is represented by this instance of X2Access MO
Export	No
Impact	No reset (class C)
Type	String

395 –X2AccessGroup

Table 395-1 id

Name	Value
Description	X2AccessGroup identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

396 –X2GtpConf

Table 396-1 X2GtpConf parameters

Parameters	
endDataFwdTarget endFwdData endX2HoDataFwdTarget id	n3Request startNewPathData t3Response x2EchoRequestInterval

Table 396-2 endDataFwdTarget

Name	Value
Default	100
Description	Maximum time to wait in the target eNB for reception of eGTP end of forwarding packet (29.274) received via X2 if DL data forwarding over X2 is configured. This timer is started for each X2 DL eGTP tunnel subject to forwarding when X2-AP Release Resource is transmitted to the Source eNB. At the reception of eGTP end of forwarding packet (29.274) over X2 or timer expiry, the target eNB starts transmitting DL packets received over the new S1 and releases X2 associated resources of X2 eGTP tunnel.
Displayed name	endDataFwdTarget (General)
Impact	Full reset (class A)
Maximum	5000
Minimum	1
Type	Integer

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Name	Value
Units	ms
Unset supported	Yes

(2 of 2)

Table 396-3 endFwdData

Name	Value
Default	100
Description	For X2 HO, maximum time to wait in the target eNB for reception of GTP-U end of forwarding packet (29.274) received via X2 if DL data forwarding over X2 is configured. A single timer is started for all E-RABs subject to forwarding when X2-AP Release Resource is transmitted to the Source eNB. At the reception of GTP-U end of forwarding packet (29.274) over X2 or timer expiry, the target eNB starts transmitting DL packets received over the new S1 and releases X2 associated resources of X2 GTP-U tunnel.
Displayed name	endFwdData (General)
Impact	No reset (class C)
Maximum	5000
Minimum	1
Type	Integer
Units	ms
Unset supported	Yes

Table 396-4 endX2HoDataFwdTarget

Name	Value
Default	100
Description	For X2 HO, maximum time to wait in the target eNB for reception of eGTP end of forwarding packet (29.274) received via X2 if DL data forwarding over X2 is configured. A single timer is started for all E-RABs subject to forwarding when X2-AP Release Resource is transmitted to the Source eNB. At the reception of eGTP end of forwarding packet (29.274) over X2 or timer expiry, the target eNB starts transmitting DL packets received over the new S1 and releases X2 associated resources of X2 eGTP tunnel.
Displayed name	endX2HoDataFwdTarget (General)
Impact	No reset (class C)
Maximum	5000
Minimum	1
Type	Integer
Units	ms
Unset supported	Yes

Table 396-5 id

Name	Value
Description	X2GtpConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 396-6 n3Request

Name	Value
Default	5
Description	Maximum number of attempts to send Echo Request message
Displayed name	n3Request (General)
Impact	Full reset (class A)
Maximum	10
Minimum	1
Type	Integer

Table 396-7 startNewPathData

Name	Value
Default	20
Description	For X2 HO, maximum fresh data retaining time window in the target eNB, between arrival from S1 of first data packet for a certain E-RAB, and reception of the X2 GTP-U end of forwarding packet (29.274 End Marker) for this same E-RAB if DL data forwarding over X2 is configured. During this window, only packets received over X2 are transmitted, while new packets received over S1 are buffered in order to avoid out of order transmission. At reception of GTP-U end of forwarding packet (29.274) over X2 or timer expiry, the target eNB starts transmitting DL packets received over the new S1 for this e-RAB, and eventually mixed with remaining packets from X2 GTP-U tunnel, if any in case of timer expiry. The zero value effectively disables the buffering of packets from the new path at the target eNodeB during the packet-forwarding.
Displayed name	startNewPathData (General)
Impact	No reset (class C)
Maximum	5000
Minimum	0
Type	Integer

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Name	Value
Units	ms
Unset supported	Yes

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Table 396-8 t3Response

Name	Value
Default	3
Description	Timer - maximum waiting time for the eAG response to the Echo Request message sent by eNB
Displayed name	t3Response (General)
Impact	Full reset (class A)
Maximum	5
Minimum	1
Type	Integer
Units	s

Table 396-9 x2EchoRequestInterval

Name	Value
Default	120
Description	The sending interval for Echo Request messages by eNB on X2-U GTP path in use. A value of 0 disables the eNB X2-U echo request. Note that under normal circumstances this interval shall be longer than 60 seconds. Smaller values are only used for debugging and experimental purposes.
Displayed name	x2EchoRequestInterval (General)
Impact	Full reset (class A)
Maximum	600
Minimum	0
Step	10
Type	Integer
Units	s

397 –X2LoadIndicationConf

Table 397-1 X2LoadIndicationConf parameters

Parameters	
hlPeriod id olPeriod olThresholdH2M olThresholdL2M	olThresholdX2H olThresholdX2L rNTPPeriod rNTPThreshold

Table 397-2 hlPeriod

Name	Value
Default	0.5
Description	Period that UL High Interference Indication IE in X2 Load information message is sent to neighbour enb.
Displayed name	hlPeriod (General)
Impact	Partial reset (class B)
Maximum	300
Minimum	0.02
Step	0.02
Type	Floating point
Units	s

Table 397-3 id

Name	Value
Description	X2LoadIndicationConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 397-4 olPeriod

Name	Value
Default	0.5
Description	Period that UL Interference Overload Indication IE in X2 Load information message is sent to neighbour enb.
Displayed name	olPeriod (General)
Impact	Partial reset (class B)
Maximum	300
Minimum	0.02
Step	0.02
Type	Floating point
Units	s

Table 397-5 olThresholdH2M

Name	Value
Description	olThresholdX2L, olThresholdL2M, olThresholdH2M, olThresholdX2H are a set of Thresholds to set "UL Interference Overload Indication" in X2 Load information message. if RIP(Received Interference Power) level (refer to 3GPP 36.133 table 10.2.3-1) is decreased smaller than olThresholdH2M, set "UL Interference Overload Indication" to "Medium interference"; olThresholdH2M range from RTWP_LEV_000 to RTWP_LEV_511; It must be satisfied that olThresholdX2L < olThresholdL2M < olThresholdH2M < olThresholdX2H.
Displayed name	olThresholdH2M (General)
Impact	Partial reset (class B)
Maximum	511
Minimum	0
Type	Integer

Table 397-6 olThresholdL2M

Name	Value
Description	olThresholdX2L, olThresholdL2M, olThresholdH2M, olThresholdX2H are a set of Thresholds to set "UL Interference Overload Indication" in X2 Load information message. if RIP(Received Interference Power) level (refer to 3GPP 36.133 table 10.2.3-1) is increased larger than olThresholdL2M, set "UL Interference Overload Indication" to "Medium interference"; olThresholdL2M range from RTWP_LEV_000 to RTWP_LEV_511; It must be satisfied that olThresholdX2L < olThresholdL2M < olThresholdH2M < olThresholdX2H.
Displayed name	olThresholdL2M (General)
Impact	Partial reset (class B)
Maximum	511
Minimum	0
Type	Integer

Table 397-7 olThresholdX2H

Name	Value
Description	olThresholdX2L, olThresholdL2M, olThresholdH2M, olThresholdX2H are a set of Thresholds to set "UL Interference Overload Indication" in X2 Load information message. if RIP(Received Interference Power) level (refer to 3GPP 36.133 table 10.2.3-1) is larger than olThresholdX2H, set "UL Interference Overload Indication" to "High interference"; olThresholdX2H range from RTWP_LEV_000 to RTWP_LEV_511; It must be satisfied that olThresholdX2L < olThresholdL2M < olThresholdH2M < olThresholdX2H.
Displayed name	olThresholdX2H (General)
Impact	Partial reset (class B)
Maximum	511
Minimum	0
Type	Integer

Table 397-8 olThresholdX2L

Name	Value
Description	olThresholdX2L, olThresholdL2M, olThresholdH2M, olThresholdX2H are a set of Thresholds to set "UL Interference Overload Indication" in X2 Load information message. if RIP(Received Interference Power) level (refer to 3GPP 36.133 table 10.2.3-1) is lower than olThresholdX2L, set "UL Interference Overload Indication" to "low interference"; olThresholdX2L range from RTWP_LEV_000 to RTWP_LEV_511; It must be satisfied that olThresholdX2L < olThresholdL2M < olThresholdH2M < olThresholdX2H.
Displayed name	olThresholdX2L (General)
Impact	Partial reset (class B)
Maximum	511

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Name	Value
Minimum	0
Type	Integer

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Table 397-9 rNTPPeriod

Name	Value
Default	0.5
Description	Period that Relative Narrowband Tx Power (RNTP) IE in X2 Load information message is sent to neighbour enb.
Displayed name	rNTPPeriod (General)
Impact	Partial reset (class B)
Maximum	300
Minimum	0.02
Step	0.02
Type	Floating point
Units	s

Table 397-10 rNTPThreshold

Name	Value
Description	The determination of reported Relative Narrowband TX Power indication, please refer to 3GPP 36.213 5.2.1 parameter RNTPthreshold.
Displayed name	rNTPThreshold (General)
Impact	Partial reset (class B)
Type	RNTPThresholdEnum

398 –X2QosConf

Table 398-1 X2QosConf parameters

Parameters	
dscpForX2Sctp id	vLanPriorityForX2Sctp

Table 398-2 dscpForX2Sctp

Name	Value
Default	AF41
Description	Diffserv Code Point value to be used for X2-C sctp traffic.
Displayed name	dscpForX2Sctp (General)
Impact	Full reset (class A)
Type	DscpEnum
Unset supported	Yes

Table 398-3 id

Name	Value
Description	X2QosConf identifier
Displayed name	id (General)
Mandatory on creation	Yes

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Name	Value
Maximum	0
Minimum	0
Type	Integer

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Table 398-4 vLanPriorityForX2Sctp

Name	Value
Description	VLAN User Priority value to be used at layer 2 for X2-C sctp traffic. However, the value of this parameter shall be ignored if VLAN tagging is disabled.
Displayed name	vLanPriorityForX2Sctp (General)
Impact	Full reset (class A)
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

399 –X2QosMapping

Table 399-1 X2QosMapping parameters

Parameters	
dscp id serviceProfile	serviceProfileUntil_V2_x vLanPriority

Table 399-2 dscp

Name	Value
Description	This element of the X2QosMapping tuple identifies the Diffserv Code Point value to be used for X2 transport for a service bearer whose QoS class (QCI) matches the "serviceProfile" element of the tuple.
Displayed name	dscp (General)
Impact	Full reset (class A)
Type	DscpEnum
Unset supported	Yes

Table 399-3 id

Name	Value
Description	X2QosMapping identifier
Displayed name	id (General)

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Name	Value
Mandatory on creation	Yes
Maximum	254
Minimum	0
Type	Integer

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Table 399-4 serviceProfile

Name	Value
Default	1
Description	This element of the SgwQosMapping tuple identifies the QoS class (QCI) - see TS 23.203 - which is mapped by the tuple to the associated Diffserv Code Point (dscp) and VLAN User Priority (vLanPriority) values.
Displayed name	serviceProfile (General)
Impact	Full reset (class A)
Maximum	255
Minimum	1
Type	Integer

Table 399-5 serviceProfileUntil_V2_x

Name	Value
Description	This element of the SgwQosMapping tuple identifies the QoS class (QCI) - see TS 23.203 - which is mapped by the tuple to the associated Diffserv Code Point (dscp) and VLAN User Priority (vLanPriority) values.
Displayed name	serviceProfile (General)
Impact	Full reset (class A)
Type	ServiceProfileenum

Table 399-6 vLanPriority

Name	Value
Description	This element of the X2QosMapping tuple identifies the VLAN User Priority value to be used at layer 2 for a service bearer over X2 whose QoS class (QCI) matches the "serviceProfile" element of the tuple. However, the User Priority value shall be ignored if VLAN tagging is disabled.
Displayed name	vLanPriority (General)
Impact	Full reset (class A)
Maximum	7

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Name	Value
Minimum	0
Type	Integer
Unset supported	Yes

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400 –X2SctpLayerConf

Table 400-1 X2SctpLayerConf parameters

Parameters	
id	sctpAlphaDivisor
sctpAccessAssociationMaxRetrans	sctpAssocHeartbeatInterval
sctpAccessEstablishmentMaxRetries	sctpAssocLocalPort
sctpAccessEstablishmentRetryInterval	sctpBetaDivisor
sctpAccessLinkFailureMaxRetries	sctpRTOInit
sctpAccessLinkFailureRetryInterval	sctpRTOMax
sctpAccessMaxInitRetransmits	sctpRTOMin
sctpAccessPathMaxRetrans	sctpSACKTimer

Table 400-2 id

Name	Value
Description	X2SctpLayerConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 400-3 sctpAccessAssociationMaxRetrans

Name	Value
Default	10
Description	This parameter defines the maximum number of retransmissions of data or heartbeat messages for an association before the SCTP association declares a path failure.
Displayed name	sctpAccessAssociationMaxRetrans (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 400-4 sctpAccessEstablishmentMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions at sctp association establishment. The value 255 is interpreted as an infinite number of retries.
Displayed name	sctpAccessEstablishmentMaxRetries (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 400-5 sctpAccessEstablishmentRetryInterval

Name	Value
Description	Defines the interval between retransmissions at sctp association establishment.
Displayed name	sctpAccessEstablishmentRetryInterval (General)
Impact	Partial reset (class B)
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 400-6 sctpAccessLinkFailureMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions after detection of link failure.
Displayed name	sctpAccessLinkFailureMaxRetries (General)
Impact	Full reset (class A)
Maximum	255
Minimum	0
Type	Integer

Table 400-7 sctpAccessLinkFailureRetryInterval

Name	Value
Description	Defines the interval between retransmissions after detection of link failure.
Displayed name	sctpAccessLinkFailureRetryInterval (General)
Impact	Full reset (class A)
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 400-8 sctpAccessMaxInitRetransmits

Name	Value
Default	8
Description	This parameter defines the maximum number of retransmissions of the INIT message at SCTP association establishment.
Displayed name	sctpAccessMaxInitRetransmits (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 400-9 sctpAccessPathMaxRetrans

Name	Value
Default	5
Description	This parameter defines the maximum number of retransmissions of Data and/or Heartbeat messages on a transmission path before the sctp association declares a path failure.
Displayed name	sctpAccessPathMaxRetrans (General)
Impact	Partial reset (class B)
Maximum	255
Minimum	0
Type	Integer

Table 400-10 sctpAlphaDivisor

Name	Value
Default	8
Description	This parameter defines the alpha constant in the RTO calculation algorithm.
Displayed name	sctpAlphaDivisor (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	1
Type	Integer

Table 400-11 sctpAssocHeartbeatInterval

Name	Value
Default	30000
Description	Heartbeat Interval timer value for the sctp entities.
Displayed name	sctpAssocHeartbeatInterval (General)
Impact	Partial reset (class B)
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 400-12 sctpAssocLocalPort

Name	Value
Description	Association local port number for this sctp association. This parameter is redundant when the eNB is the originator of the INIT message (the client). It is used when the eNB is the server, the recipient of the INIT, for SCTP X2 connection.
Displayed name	sctpAssocLocalPort (General)
Impact	Full reset (class A)
Maximum	65000
Minimum	0
Type	Integer

Table 400-13 sctpBetaDivisor

Name	Value
Default	4
Description	This parameter defines the beta constant in the RTO calculation algorithm.
Displayed name	sctpBetaDivisor (General)
Impact	Partial reset (class B)
Maximum	10
Minimum	1
Type	Integer

Table 400-14 sctpRTOInit

Name	Value
Default	3000
Description	This parameter defines the Initial value the RTO algorithm uses, for subsequently calculating RTO for transmitted packets.
Displayed name	sctpRTOInit (General)
Impact	Partial reset (class B)
Maximum	10000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 400-15 sctpRTOMax

Name	Value
Default	60000
Description	This parameter defines the maximum time the eNodeB waits for the Acknowledgement to a transmitted Data packet before retransmitting. This is used by the SCTP protocol to bound the RTO calculation.
Displayed name	sctpRTOMax (General)
Impact	Partial reset (class B)
Maximum	60000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 400-16 sctpRTOMin

Name	Value
Default	1000
Description	This parameter defines the minimum time the eNodeB waits for the Acknowledgement to a transmitted Data packet before retransmitting. This is used by the SCTP protocol to bound the RTO calculation.
Displayed name	sctpRTOMin (General)
Impact	Partial reset (class B)
Maximum	10000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 400-17 sctpSACKTimer

Name	Value
Default	200
Description	This parameter defines the time the eNodeB waits before sending a SACK having received a data packet. If a 2nd packet is received before this timer expires a SACK is sent immediately. The value '0' is interpreted as eNodeB sends a SACK immediately on reception of a Data packet - no delay.
Displayed name	sctpSACKTimer (General)
Impact	Partial reset (class B)

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Name	Value
Maximum	500
Minimum	0
Type	Integer
Units	ms

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401 –X2Services

Table 401-1 id

Name	Value
Description	X2Services identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

402 –X2TransportLayerAccess

Table 402-1 X2TransportLayerAccess parameters

Parameters	
id sctpAssocRemAddr sctpAssocRemAddrIpv6 sctpAssocRemAddrIpv6Type sctpAssocRemAddrType	sctpAssocRemPort x2GtpConfId x2QosConfId x2SctpLayerConfId

Table 402-2 id

Name	Value
Description	X2TransportLayerAccess identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 402-3 sctpAssocRemAddr

Name	Value
Description	The remote IP address of the eNodeB for this SCTP association. MaxSize is 4 before v3 and 2 in v3.
Impact	Partial reset (class B)
Type	List name SctpAssocRemAddrType maps to singular value: IPV4
Unset supported	Yes

Table 402-4 sctpAssocRemAddrIpv6

Name	Value
Description	This parameter is used to specify remote IP address of the MME for this SCTP association. MaxSize is 4 before v3 and 2 in v3.
Impact	Partial reset (class B)
Type	List name SctpAssocRemAddrIpv6Type maps to singular value: IPV6
Unset supported	Yes

Table 402-5 sctpAssocRemAddrIpv6Type

Name	Value
Default	ipv6
Description	This parameter is used to specify remote IP address of the MME for this SCTP association.
Displayed name	sctpAssocRemAddrIpv6Type (General)
Type	InetAddressType
Unset supported	Yes

Table 402-6 sctpAssocRemAddrType

Name	Value
Default	ipv4
Description	The remote IP address of the eNodeB for this SCTP association
Displayed name	sctpAssocRemAddrType (General)
Type	InetAddressType
Unset supported	Yes

Table 402-7 sctpAssocRemPort

Name	Value
Description	Association remote port number on MME/neighbour eNodeB for this SCTP association
Displayed name	sctpAssocRemPort (General)
Impact	Full reset (class A)
Maximum	65000
Minimum	0
Type	Integer

Table 402-8 x2GtpConflD

Name	Value
Description	ID of the associated X2GtpConf object.
Export	No
Impact	Full reset (class A)
Mandatory on creation	Yes
Type	String

Table 402-9 x2QosConflD

Name	Value
Description	ID of the associated X2QosConf object.
Export	No
Impact	Full reset (class A)
Mandatory on creation	Yes
Type	String

Table 402-10 x2SctpLayerConflD

Name	Value
Description	ID of the associated X2SctpLayerConf object.
Export	No
Impact	Full reset (class A)
Mandatory on creation	Yes
Type	String

403 –ZoneCode

Table 403-1 ZoneCode parameters

Parameters	
zoneCode	zoneCodeType

Table 403-2 zoneCode

Name	Value
Displayed name	Zone Code (General)
Mandatory on creation	Yes
Maximum	127
Minimum	0
Type	Integer

Table 403-3 zoneCodeType

Name	Value
Displayed name	Zone Code Type (General)
Type	ZONE_CODE_TYPE

404 –Equipment types

Table 404-1 equipmenttypes parameters

Parameters	
AdministrativeState AtmModes ControlledStatus EnableStatus ExternalAlarmSeverity NamedPoolAdminState	Polarity SamplingInterval TempUnit VoiceCompandingType VoiceSigType

Table 404-2 AdministrativeState

Name	Value
Diagnose	<ul style="list-style-type: none">• Name: diagnose• selectable: no• subclass: EquipmentHolder,Card,PassiveReplaceableUnit,Memory,SwitchFabricProcessor,ControlProcessor,CCM• Value: 4
Diagnose	<ul style="list-style-type: none">• Name: portDiagnose• selectable: no• subclass: Port,PortSpecifics,layer2.NetworkInterface• Value: 4

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Name	Value
Down	<ul style="list-style-type: none"> Name: outOfService subclass: EquipmentHolder, Card, PassiveReplaceableUnit, Memory, SwitchFabricProcessor, ControlProcessor, CCM, ltemme.MmeMo, ltemme.AbstractMmeServiceMember, ltemme.AbstractMmeServiceGroup, lte.MmeReferencePoint, lte.AbstractMmeEpsPeer, lte.EPCGateway, lte.AGWGxReferencePoint, lte.DiameterPeerListEntry, lte.TrustedPeerListEntry, lte.TrustedPeerListEntryUnlisted, lte.S1uReferencePoint, lte.S5ReferencePoint, ltepmip.S2aReferencePoint, lte.S8ReferencePoint, lte.S11ReferencePoint, lte.GtpPrimeServerGroupProfile, lte.GtpPrimaryServerListEntry, lte.PlmnListPolicyGroup, lte.PdnApn, lte.threshold.ThresholdGroup, equipment.FanTray, RTM, AMC, ShelfPDU, SlotPDU, RALARM, hip.EMSEntity Value: 3
Down	<ul style="list-style-type: none"> Name: portOutOfService subclass: Port,PortSpecifics,layer2.NetworkInterface,optical.TransportService Value: 3
Locked	<ul style="list-style-type: none"> Name: locked selectable: no subclass: ltemme.MmeMo, ltemme.AbstractMmeServiceMember, ltemme.AbstractMmeServiceGroup, lte.MmeReferencePoint, lte.AbstractMmeEpsPeer, Shelf, Cpu, Disk, CardSlot, AtcaCard, AtcaPort, equipment.FanTray, lte.AbstractDynamicServicesControllerMember, lte.ServiceContainer, lte.AbstractDynamicServicesControllerAggregate, lte.EquipmentStatesSpecifics, lte.X2Access, lte.MmeAccess, lte.AntennaPort,lte.AntennaPortSpecifics, RTM, AMC, ShelfPDU, SlotPDU, RALARM, Fan, PowerSupply, BaseCard Value: 10
Maintenance	<ul style="list-style-type: none"> Name: maintenance subclass: Port,optical.TransportService,BaseCard Value: 11
Not Relevant	<ul style="list-style-type: none"> Name: notRelevant selectable: no subclass: ltemme.MmeMo, ltemme.AbstractMmeServiceMember, ltemme.AbstractMmeServiceGroup, lte.MmeReferencePoint, lte.AbstractMmeEpsPeer, Shelf, CardSlot, AtcaCard, AtcaPort, equipment.FanTray, RTM, AMC, ShelfPDU, SlotPDU, RALARM Value: 7
Operate Switch	<ul style="list-style-type: none"> Name: operateSwitch selectable: no subclass: EquipmentHolder,Card,PassiveReplaceableUnit,Memory,SwitchFabricProcessor,ControlProcessor Value: 5

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Name	Value
Shutting Down	<ul style="list-style-type: none"> Name: shuttingDown selectable: no subclass: EquipmentHolder, Card, PassiveReplaceableUnit, Memory, SwitchFabricProcessor, ControlProcessor, CCM, Cpu, Disk, FAM, Itemme.MmeMo, Itemme.AbstractMmeServiceMember, Itemme.AbstractMmeServiceGroup, lte.MmeReferencePoint, lte.AbstractMmeEpsPeer, lte.EPCGateway, lte.AGWGxReferencePoint, lte.S1uReferencePoint, lte.S5ReferencePoint, ltepmip.S2aReferencePoint, lte.S8ReferencePoint, lte.S11ReferencePoint, Shelf, CardSlot, AtcaCard, AtcaPort, equipment.FanTray, lte.AbstractDynamicServicesControllerMember, lte.ServiceContainer, lte.AbstractDynamicServicesControllerAggregate, RTM, AMC, ShelfPDU, SlotPDU, RALARM, Fan, PowerSupply, BaseCard, hip.EMSEntity Value: 6
Unknown	<ul style="list-style-type: none"> Name: noop selectable: no subclass: EquipmentHolder, Card, PassiveReplaceableUnit, Memory, SwitchFabricProcessor, ControlProcessor, CCM, Cpu, Disk, ForwardingPlane, Itemme.MmeMo, Itemme.AbstractMmeServiceMember, Itemme.AbstractMmeServiceGroup, lte.MmeReferencePoint, lte.AbstractMmeEpsPeer, lte.EPCGateway, lte.AGWGxReferencePoint, lte.DiameterPeerListEntry, lte.TrustedPeerListEntry, lte.TrustedPeerListEntryUnlisted, lte.S1uReferencePoint, lte.S5ReferencePoint, ltepmip.S2aReferencePoint, lte.S8ReferencePoint, lte.S11ReferencePoint, lte.GtpPrimeServerGroupProfile, lte.GtpPrimaryServerListEntry, lte.PlmnListPolicyGroup, equipment.FanTray, lte.AbstractDynamicServicesControllerMember, lte.ServiceContainer, lte.AbstractDynamicServicesControllerAggregate, lte.PdnApn, lte.threshold.ThresholdGroup, RTM, AMC, ShelfPDU, SlotPDU, RALARM, Fan, PowerSupply, hip.EMSEntity Value: 1
Unknown	<ul style="list-style-type: none"> Name: portNoop selectable: no subclass: Port,PortSpecifics,layer2.NetworkInterface Value: 1
Unlocked	<ul style="list-style-type: none"> Name: unlocked selectable: no subclass: Itemme.MmeMo, Itemme.AbstractMmeServiceMember, Itemme.AbstractMmeServiceGroup, lte.MmeReferencePoint, lte.AbstractMmeEpsPeer, Cpu, Disk, Shelf, CardSlot, AtcaCard, AtcaPort, equipment.FanTray, lte.AbstractDynamicServicesControllerMember, lte.ServiceContainer, lte.AbstractDynamicServicesControllerAggregate, lte.EquipmentStatesSpecifics, lte.X2Access, lte.MmeAccess, lte.AntennaPort, lte.AntennaPortSpecifics, RTM, AMC, ShelfPDU, SlotPDU, RALARM, Fan, PowerSupply, BaseCard Value: 8

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Name	Value
Up	<ul style="list-style-type: none"> Name: inService subclass: EquipmentHolder, Card, PassiveReplaceableUnit, Memory, SwitchFabricProcessor, ControlProcessor, CCM, FAM, ltemme.MmeMo, ltemme.AbstractMmeServiceMember, ltemme.AbstractMmeServiceGroup, lte.MmeReferencePoint, lte.AbstractMmeEpsPeer, lte.EPCGateway, lte.AGWGxReferencePoint, lte.DiameterPeerListEntry, lte.TrustedPeerListEntry, lte.TrustedPeerListEntryUnlisted, lte.S1uReferencePoint, lte.S5ReferencePoint, ltepmip.S2aReferencePoint, lte.S8ReferencePoint, lte.S11ReferencePoint, lte.GtpPrimeServerGroupProfile, lte.GtpPrimaryServerListEntry, lte.PlmnListPolicyGroup, lte.PdnApn, lte.threshold.ThresholdGroup, equipment.FanTray, RTM, AMC, ShelfPDU, SlotPDU, RALARM, hip.EMSEntity Value: 2
Up	<ul style="list-style-type: none"> Name: portInService subclass: Port, PortSpecifics, layer2.NetworkInterface, optical.TransportService Value: 2

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Table 404-3 AtmModes

Name	Value
Max 16K VC	<ul style="list-style-type: none"> Name: max16kVc Value: 2
Max 8K VC	<ul style="list-style-type: none"> Name: max8kVc Value: 1
Not Applicable	<ul style="list-style-type: none"> Name: notApplicable Value: 0

Table 404-4 ControlledStatus

Name	Value
Operate	<ul style="list-style-type: none"> Name: opr Value: 2
Raman APR	<ul style="list-style-type: none"> Name: auto Value: 3
Release	<ul style="list-style-type: none"> Name: rls Value: 1

Table 404-5 EnableStatus

Name	Value
Disabled	<ul style="list-style-type: none"> • Name: disabled • Value: 2
Enabled	<ul style="list-style-type: none"> • Name: enabled • Value: 1

Table 404-6 ExternalAlarmSeverity

Name	Value
-	<ul style="list-style-type: none"> • Name: condition • Value: 4
-	<ul style="list-style-type: none"> • Name: critical • Value: 8
-	<ul style="list-style-type: none"> • Name: indeterminate • Value: 2
-	<ul style="list-style-type: none"> • Name: info • Value: 3
-	<ul style="list-style-type: none"> • Name: major • Value: 7
-	<ul style="list-style-type: none"> • Name: minor • Value: 6
-	<ul style="list-style-type: none"> • Name: suppressed • Value: 1
-	<ul style="list-style-type: none"> • Name: warning • Value: 5

Table 404-7 NamedPoolAdminState

Name	Value
In Service	<ul style="list-style-type: none"> • Name: inService • Value: 2
Out of Service	<ul style="list-style-type: none"> • Name: outOfService • Value: 3

Table 404-8 Polarity

Name	Value
Normally Closed	<ul style="list-style-type: none">Name: normallyClosedValue: 2
Normally Opened	<ul style="list-style-type: none">Name: normallyOpenedValue: 1

Table 404-9 SamplingInterval

Name	Value
-	<ul style="list-style-type: none">Name: 10Value: 10
-	<ul style="list-style-type: none">Name: 12Value: 12
-	<ul style="list-style-type: none">Name: 15Value: 15
-	<ul style="list-style-type: none">Name: 1Value: 1
-	<ul style="list-style-type: none">Name: 20Value: 20
-	<ul style="list-style-type: none">Name: 2Value: 2
-	<ul style="list-style-type: none">Name: 30Value: 30
-	<ul style="list-style-type: none">Name: 3Value: 3
-	<ul style="list-style-type: none">Name: 4Value: 4
-	<ul style="list-style-type: none">Name: 5Value: 5
-	<ul style="list-style-type: none">Name: 6Value: 6

Table 404-10 TempUnit

Name	Value
Celsius	<ul style="list-style-type: none">Name: celsiusValue: 1
Fahrenheit	<ul style="list-style-type: none">Name: fahrenheitValue: 2

Table 404-11 VoiceCompandingType

Name	Value
A-Law	<ul style="list-style-type: none"> Name: aLaw Value: 1
Mu-Law	<ul style="list-style-type: none"> Name: muLaw Value: 2
Not Applicable	<ul style="list-style-type: none"> Name: notApplicable selectable: no Value: 0

Table 404-12 VoiceSigType

Name	Value
Not Applicable	<ul style="list-style-type: none"> Name: notApplicable selectable: no Value: 0
Type 1	<ul style="list-style-type: none"> Name: type1 Value: 1
Type 2	<ul style="list-style-type: none"> Name: type2 Value: 2
Type 3	<ul style="list-style-type: none"> Name: type3 Value: 3
Type 4	<ul style="list-style-type: none"> Name: type4 Value: 4
Type 5	<ul style="list-style-type: none"> Name: type5 Value: 5

405 –FM types

Table 405-1 Severity

Name	Value
-	<ul style="list-style-type: none">Name: clearedValue: 1
-	<ul style="list-style-type: none">Name: conditionValue: 4
-	<ul style="list-style-type: none">Name: criticalValue: 8
-	<ul style="list-style-type: none">Name: indeterminateValue: 2
-	<ul style="list-style-type: none">Name: infoValue: 3
-	<ul style="list-style-type: none">Name: majorValue: 7
-	<ul style="list-style-type: none">Name: minorValue: 6
-	<ul style="list-style-type: none">Name: noalarmselectable: noValue: -1
-	<ul style="list-style-type: none">Name: warningValue: 5

406 –LTE types

Table 406-1 Itetypes parameters

Parameters	
AccessBarringStatusEnum	BearerPreemptionActionEnum
AccessBarringTimeEnum	BearerTypeEnum
AccessProbabilityFactorEnum	BsCommunicationStateType
AdaptiveModeOfPdcchFormatEnum	BucketSizeDurationEnum
AdministrativeState	BufferOccupancyEnum
AdministrativeStatePlusInherit	CallPreemptionActionEnum
AdministrativeStateType	Cdma2000TypeEnum
AggServiceType	CellBarredEnum
AmountOfReportingUtraEnum	CellOffsetEnum
AntennaPortAdministrativeStateTypeEnum	CellReservationEnum
AntennaPortsCountEnum	CellSizeEnum
AperiodicCQIuserListUpdatePeriodEnum	CellSpecificChannelAndRSTransmissionSchemeEnum
ApnAuthTypeEnum	CipheringAlgoEnum
ApnAuthUserNameEnum	ClockSynchroModeEnum
ApnRestrictionTypeEnum	CommonSFAallocPeriodEnum
ApnTypeEnum	CompactFlash
ApplicationType	ComponentType
AssignedTechnologyEnum	ConnectionType
B2ThresholdGERANEnum	ControlChannelTransmissionSchemeEnum
BandGeranEnum	ControlFlowEnum
BandIndicatorGERANEnum	CqiFormatIndicatorPeriodicEnum
BasicSchedulingModeEnum	CqiInitPeriodEnum
BeamFormingAlgoEnum	CqiInitPeriodTDDenum
BeamFormingAlgoRank2Enum	CqiPeriodTDDenum

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Parameters	
CqiReportingModeAperiodicEnum	ENBIPSecPolicyTypeEnum
CqiReportingModeAperiodicEnumFDD	EncapType
DccaCalledStationId	EpcFunction
DccaCCSessFailOvrHndl	EpcTypes
DciFormatSelectorForTPCEnum	EUTRABandEnum
DefaultPagingCycleEnum	ExpectedModemTypeEnum
DeltaFPUCCHFormat1bEnum	FakeSIMOEnum
DeltaFPUCCHFormat1Enum	FilterCoeffEnum
DeltaFPUCCHFormat2aEnum	ForeignPeerType
DeltaFPUCCHFormat2bEnum	FrequencyBandEnum
DeltaFPUCCHFormat2Enum	GpsModeSelectEnum
DeltaPUCCHShiftEnum	HARQRetransmissionModeEnum
DisabledEnabledEnum	HrpdBandEnum
DiscardPolicyEnum	HrpDThreshEnum
DLIMMDefaultCodeBookIndexEnum	IkeAuthMethodEnum
DLPathlossChangeForPHRReportingEnum	ImplicitReleaseAfterEnum
DLPDBQoS TuningFactorEnum	IntegrityProtectionAlgoEnum
DLResourceAllocationTypeEnum	IntraFrequencyReselectionEnum
DISchedulerModeEnum	IpConfigModeEnum
DrxCycleForInterRatReportCGIEnum	IpFormat
DrxCycleForLteReportCGIEnum	IpFormatEnum
DrxCycleForReportCGIEnum	IPsecPolicyEnum
DscIsuState	IsInterTransmissionModeSwitchingEnabledEnum
DscpEnum	IsLabelSupportedEnum
DsrTransMaxEnum	L1ReceiverMethodEnum
DualRxCsfbTo1xRttEnum	LogicalChannelPrioritizedBitRateEnum
DualStackIpPreference	LteDscpName
DynamicCFIMetricEnum	LteFcName
DynamicDebugTraceProfileEnum	LteQciProfile
EMctaConnectedPriorityEnum	LteRedundancy

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Parameters	
MacContentionResolutionTimerEnum	NumberOfDLAntennasEnum
MaxHARQtxEnum	NumberOfTddDLAntennasEnum
MaxNbOfDataBearersPerUeEnum	NumberOfTddULAntennasEnum
MaxNbPlmnForMocnLicenseEnum	NumberOfULAntennasEnum
MaxRetxThresholdEnum	OAMconnectionState
MaxTransportFiberDelayLengthCategoryEnum	OAMlinkAdministrativeState
McchModificationPeriodEnum	OffsetFreqEUTRAEnum
McchRepetitionPeriodEnum	OneXRttBandEnum
MchSchedulingPeriodEnum	OperationalModeEnum
MeasQuantityCdma2000Enum	OtherFlowEnum
MeasQuantityGERANEnum	OverloadLevelEnum
MeasQuantityUtraFddEnum	PaOffsetPdschEnum
MeasQuantityUtraTddEnum	PathSymmetry
MeasurementBandwidthEnum	PbOffsetPdschEnum
MeasurementGapPatternEnum	PdcchAggregationLevelForCommonSearchSpaceEnum
MeasurementPurposeEnum	PdcchAggregationLevelForUESearchSpaceEnum
MgGroupCardRoleEnum	PDCCHPowerControlTypeEnum
MIMOModeEnum	PdcpDiscardTimerEnum
MMEPriority	PdcpPduSnSizeEnum
MobileCountryCode	PdnTypeEnum
ModeConfEnum	PeriodicBSRtimerEnum
ModificationPeriodCoeffEnum	PeriodicPHRtimerEnum
MRIEnum	PhichResourceEnum
N310Enum	PmcGranularityPeriod
N311Enum	PollByteEnum
NBEnum	PollPDUEnum
NeighCellConfigEnum	PositionSourceEnum
NonMBSFNregionLengthEnum	PRACHAntennaModeEnum
NotificationRepetitionCoeffEnum	PRBresourceCountEnum
NRBCQIEnum	PreambleInitialReceivedTargetPowerEnum

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Parameters	
PreambleTransMaxEnum	RetAntennaCalibrateEnum
ProbOfFalseAlarmEnum	RetSelfTestEnum
ProfAllowDiscard	RetxBSRtimerEnum
ProhibitPHRtimerEnum	RfAccLevel
PrsBandwidthEnum	RfmControlModeEnum
PrsNumSubframesEnum	Rj45SyncUsageEnum
PrsPeriodicityEnum	RLCumSNfieldLengthEnum
PuschHoppingType1PatternEnum	RNTPTresholdEnum
PuschHoppingTypeConfigEnum	RohcPreferredModeEnum
PUSCHPowerControlAlphaFactorEnum	RrcT320Enum
PuschPowerCtrlModeEnum	RSRPRangeEnum
QciEnum	RSRQRangeEnum
QCIforVoipRtpRtcpEnum	SchedulerModeEnum
QHystEnum	ScheduleTypeEnum
QHystSpeedFactorsHighEnum	SegmentType
QHystSpeedFactorsMediumEnum	ServiceProfileEnum
QOffsetCellEnum	ServiceTypeEnum
RachPeriodicityEnum	SfnPhaseSyncEnableEnum
RACHpreambleTxPowerStepSizeEnum	SfnSyncOptionEnum
RadioAccessTechnologyType	SibClassPeriodicityEnum
RadioFrameAllocationPeriodEnum	SIBorMeasObjectUsageEnum
RangeEnum	SibPeriodicityEnum
RAresponseWindowSizeEnum	SignallingMCSEnum
RLabelIDEnum	SinrOffsetFlagEnum
ReferencePointType	SpecialSubframePatternsEnum
ReportAmountEnum	SpeedFactorsHighEnum
ReportIntervalEnum	SpeedFactorsMediumEnum
ReportIntervalUltraEnum	SrInitPeriodEnum
ReportQuantityEUTRAEnum	SRPeriodicityEnum
ResetType	SrsBandwidthConfigurationEnum

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Parameters	
SrsBandwidthEnum	TimeToTriggerMeasRATEnum
SrsDurationEnum	TimeToTriggerMeasUtraEnum
SrsHoppingBandwidthEnum	TimeToWaitEnum
SrsInitPeriodEnum	TimeZoneEnum
SRSPeriodicityEnum	TmaBypassModeEnum
SrsSubframeConfigurationEnum	TmaSelfTestEnum
SubframeAssignmentEnum	TopologyEnum
SupportedBandUtraFddEnum	TPCRACHMsg3Enum
SupportedBandUtraTddEnum	TraceDepthEnum
SystemBandwidthEnum	TrafficShapingModeEnum
SystemBandwidthEnumDL	TrafficTypeListEnum
SystemBandwidthEnumUL	TransmissionGapRepetitionPeriodEnum
T300Enum	TransmissionModeEnum
T301Enum	TransmissionModeFddEnum
T304CellChangeOrderEnum	TransmissionModeTddEnum
T304Enum	TransportProtocol
T310Enum	TransportProtocolType
T311Enum	TriggerQuantityEUTRAEnum
TddAckNackFeedbackModeEnum	TriggerTypeEUTRAEnum
TEvaluationEnum	TriggerTypeInterRATEnum
Threshold2UtraEcN0Enum	UEContributionTargetInActivePhaseEnum
Threshold2UtraRscpEnum	UeTransmitAntennaSelectionEnum
THystNormalEnum	ULICICModeEnum
TimeAlignmentTimerEnum	UISchedulerModeEnum
TimerStatusProhibitEnum	UISchedulingFlowProfileEnum
TimerTpollRetransmitEnum	UnmanagedNeType
TimerTreorderingEnum	ValidULgrantSizeEnum
TimeToTriggerMeasEUTRAEnum	VoIPcodecEnum
TimeToTriggerMeasGERANEnum	

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Table 406-2 AccessBarringStatusEnum

Name	Value
Emergency Calls Exclusively	<ul style="list-style-type: none"> Name: emergencyCallsExclusively Value: 1
None	<ul style="list-style-type: none"> Name: none Value: 0
Originating Calls Only	<ul style="list-style-type: none"> Name: originatingCallsOnly Value: 3
Signaling And Originating Calls	<ul style="list-style-type: none"> Name: signalingAndOriginatingCalls Value: 4
Signaling Only	<ul style="list-style-type: none"> Name: signalingOnly Value: 2

Table 406-3 AccessBarringTimeEnum

Name	Value
128 s	<ul style="list-style-type: none"> Name: s128 order: 6 Value: 2
16 s	<ul style="list-style-type: none"> Name: s16 order: 3 Value: 3
256 s	<ul style="list-style-type: none"> Name: s256 order: 7 Value: 1
32 s	<ul style="list-style-type: none"> Name: s32 order: 4 Value: 4
4 s	<ul style="list-style-type: none"> Name: s4 order: 1 Value: 7
512 s	<ul style="list-style-type: none"> Name: s512 order: 8 Value: 5
64 s	<ul style="list-style-type: none"> Name: s64 order: 5 Value: 0
8 s	<ul style="list-style-type: none"> Name: s8 order: 2 Value: 6

Table 406-4 AccessProbabilityFactorEnum

Name	Value
00 %	<ul style="list-style-type: none"> Name: p00 order: 1 Value: 14
05 %	<ul style="list-style-type: none"> Name: p05 order: 2 Value: 15
10 %	<ul style="list-style-type: none"> Name: p10 order: 3 Value: 0
15 %	<ul style="list-style-type: none"> Name: p15 order: 4 Value: 6
20 %	<ul style="list-style-type: none"> Name: p20 order: 5 Value: 1

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Name	Value
25 %	<ul style="list-style-type: none"> • Name: p25 • order: 6 • Value: 10
30 %	<ul style="list-style-type: none"> • Name: p30 • order: 7 • Value: 3
40 %	<ul style="list-style-type: none"> • Name: p40 • order: 8 • Value: 2
50 %	<ul style="list-style-type: none"> • Name: p50 • order: 9 • Value: 11
60 %	<ul style="list-style-type: none"> • Name: p60 • order: 10 • Value: 8
70 %	<ul style="list-style-type: none"> • Name: p70 • order: 11 • Value: 4
75 %	<ul style="list-style-type: none"> • Name: p75 • order: 12 • Value: 12
80 %	<ul style="list-style-type: none"> • Name: p80 • order: 13 • Value: 7
85 %	<ul style="list-style-type: none"> • Name: p85 • order: 14 • Value: 9
90 %	<ul style="list-style-type: none"> • Name: p90 • order: 15 • Value: 5
95 %	<ul style="list-style-type: none"> • Name: p95 • order: 16 • Value: 13

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Table 406-5 AdaptiveModeOfPdcchFormatEnum

Name	Value
Full Adaptive	<ul style="list-style-type: none"> • Name: fullAdaptive • Value: 1
Limited Adaptive	<ul style="list-style-type: none"> • Name: limitedAdaptive • Value: 0

Table 406-6 AdministrativeState

Name	Value
Locked	<ul style="list-style-type: none"> Name: locked Value: 2
Shutting Down	<ul style="list-style-type: none"> Name: shuttingdown Value: 1
Unlocked	<ul style="list-style-type: none"> Name: unlocked Value: 0

Table 406-7 AdministrativeStatePlusInherit

Name	Value
Disabled	<ul style="list-style-type: none"> Name: disabled selectable: yes Value: 2
Enabled	<ul style="list-style-type: none"> Name: enabled selectable: yes Value: 1
Inherit	<ul style="list-style-type: none"> Name: inherited selectable: yes Value: 3
Invalid	<ul style="list-style-type: none"> Name: invalid selectable: no Value: 0

Table 406-8 AdministrativeStateType

Name	Value
Locked	<ul style="list-style-type: none"> Name: locked Value: 0
Locking in Progress	<ul style="list-style-type: none"> Name: locking selectable: no Value: 3 Description: Temporary state for unconfirmed Locked status.
Shutting Down	<ul style="list-style-type: none"> Name: shuttingdown selectable: no Value: 2
Unlocked	<ul style="list-style-type: none"> Name: unlocked Value: 1
Unlocking in Progress	<ul style="list-style-type: none"> Name: unlocking selectable: no Value: 4 Description: Temporary state for unconfirmed Unlocked status.

Table 406-9 AggServiceType

Name	Value
DSC Diameter Proxy Agent	<ul style="list-style-type: none"> Name: dpaAgg subclass: lte.DiameterProxyAgent Value: 5
DSC Instance	<ul style="list-style-type: none"> Name: dscAgg subclass: lte.DynamicServicesControllerInstance Value: 4
DSC Policy Charging Rules Function	<ul style="list-style-type: none"> Name: pcrfAgg subclass: lte.PolicyChargingRules Value: 6
DSC Policy Charging Rules Group	<ul style="list-style-type: none"> Name: pcrfGrp subclass: lte.PolicyChargingRulesGroup Value: 7
MME Application	<ul style="list-style-type: none"> Name: mafAgg subclass: ltemme.MmeMaf, ltemme.MmeServiceGroupMaf Value: 3
MME Instance	<ul style="list-style-type: none"> Name: mmeAgg subclass: ltemme.MmeInstance Value: 1
MME Interface	<ul style="list-style-type: none"> Name: mifAgg subclass: ltemme.MmeMif, ltemme.MmeServiceGroupMif Value: 2
MME Packet Handler	<ul style="list-style-type: none"> Name: mphAgg subclass: ltemme.MmeMph, ltemme.MmeServiceGroupMph Value: 8
none	<ul style="list-style-type: none"> Name: none subclass: ltemme.AbstractMmeServiceAgg, ltemme.AbstractMmeServiceGroup, AbstractDynamicServicesControllerAggregate Value: 0

Table 406-10 AmountOfReportingUtraEnum

Name	Value
Infinity	<ul style="list-style-type: none"> Name: infinity Value: 6
R16	<ul style="list-style-type: none"> Name: r16 Value: 1
R1	<ul style="list-style-type: none"> Name: r1 Value: 4
R2	<ul style="list-style-type: none"> Name: r2 Value: 5
R32	<ul style="list-style-type: none"> Name: r32 Value: 2

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Name	Value
R4	<ul style="list-style-type: none">Name: r4Value: 7
R64	<ul style="list-style-type: none">Name: r64Value: 0
R8	<ul style="list-style-type: none">Name: r8Value: 3

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Table 406-11 AntennaPortAdministrativeStateTypeEnum

Name	Value
Locked	<ul style="list-style-type: none">Name: lockedValue: 2
Shutting Down	<ul style="list-style-type: none">Name: shuttingdownValue: 1
Unlocked	<ul style="list-style-type: none">Name: unlockedValue: 0

Table 406-12 AntennaPortsCountEnum

Name	Value
Fourports	<ul style="list-style-type: none">Name: fourportsValue: 2
Oneport	<ul style="list-style-type: none">Name: oneportValue: 0
Twoports	<ul style="list-style-type: none">Name: twoportsValue: 1

Table 406-13 AperiodicCQIuserListUpdatePeriodEnum

Name	Value
100 ms	<ul style="list-style-type: none">Name: 100msorder: 1Value: 0
1000 ms	<ul style="list-style-type: none">Name: 1000msorder: 6Value: 5
1500 ms	<ul style="list-style-type: none">Name: 1500msorder: 7Value: 6

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Name	Value
200 ms	<ul style="list-style-type: none"> Name: 200ms order: 2 Value: 1
2000 ms	<ul style="list-style-type: none"> Name: 2000ms order: 8 Value: 7
300 ms	<ul style="list-style-type: none"> Name: 300ms order: 3 Value: 2
400 ms	<ul style="list-style-type: none"> Name: 400ms order: 4 Value: 3
500 ms	<ul style="list-style-type: none"> Name: 500ms order: 5 Value: 4

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Table 406-14 ApnAuthTypeEnum

Name	Value
diameter	<ul style="list-style-type: none"> Name: diameter Value: 2
radius	<ul style="list-style-type: none"> Name: radius Value: 1
undefined	<ul style="list-style-type: none"> Name: undefined selectable: no Value: 0

Table 406-15 ApnAuthUserNameEnum

Name	Value
imsi	<ul style="list-style-type: none"> Name: imsi Value: 1
msisdn	<ul style="list-style-type: none"> Name: msisdn Value: 2
pco	<ul style="list-style-type: none"> Name: pco Value: 3
undefined	<ul style="list-style-type: none"> Name: undefined selectable: no Value: 0

Table 406-16 ApnRestrictionTypeEnum

Name	Value
any	<ul style="list-style-type: none">• Name: any• Value: 0
private1	<ul style="list-style-type: none">• Name: private1• Value: 3
private2	<ul style="list-style-type: none">• Name: private2• Value: 4
public1	<ul style="list-style-type: none">• Name: public1• Value: 1
public2	<ul style="list-style-type: none">• Name: public2• Value: 2

Table 406-17 ApnTypeEnum

Name	Value
real	<ul style="list-style-type: none">• Name: real• Value: 1

Table 406-18 ApplicationType

Name	Value
Gx	<ul style="list-style-type: none">• Name: gx• Value: 1
Gxc	<ul style="list-style-type: none">• Name: gxc• selectable: no• Value: 2
Gy	<ul style="list-style-type: none">• Name: gy• Value: 4
none	<ul style="list-style-type: none">• Name: none• Value: 0
Rf	<ul style="list-style-type: none">• Name: rf• Value: 3
S6b	<ul style="list-style-type: none">• Name: s6b• Value: 5

Table 406-19 AssignedTechnologyEnum

Name	Value
Dual Technology	<ul style="list-style-type: none"> Name: DualTechnology Value: 2
GSM	<ul style="list-style-type: none"> Name: GSM Value: 0
Redundant Technology	<ul style="list-style-type: none"> Name: RedundantTechnology Value: 4
Single Technology	<ul style="list-style-type: none"> Name: SingleTechnology Value: 1
Split Technology	<ul style="list-style-type: none"> Name: SplitTechnology Value: 3

Table 406-20 B2ThresholdGERANEnum

Name	Value
[-100,-99]	<ul style="list-style-type: none"> Name: minus100_to_minus99 Value: 25
[-101,-100]	<ul style="list-style-type: none"> Name: minus101_to_minus100 Value: 38
[-102,-101]	<ul style="list-style-type: none"> Name: minus102_to_minus101 Value: 33
[-103,-102]	<ul style="list-style-type: none"> Name: minus103_to_minus102 Value: 1
[-104,-103]	<ul style="list-style-type: none"> Name: minus104_to_minus103 Value: 20
[-105,-104]	<ul style="list-style-type: none"> Name: minus105_to_minus104 Value: 31
[-106,-105]	<ul style="list-style-type: none"> Name: minus106_to_minus105 Value: 14
[-107,-106]	<ul style="list-style-type: none"> Name: minus107_to_minus106 Value: 39
[-108,-107]	<ul style="list-style-type: none"> Name: minus108_to_minus107 Value: 27
[-109,-108]	<ul style="list-style-type: none"> Name: minus109_to_minus108 Value: 28
[-110,-109]	<ul style="list-style-type: none"> Name: minus110_to_minus109 Value: 53
[-49,-48]	<ul style="list-style-type: none"> Name: minus49_to_minus48 Value: 8
[-50,-49]	<ul style="list-style-type: none"> Name: minus50_to_minus49 Value: 49

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Name	Value
[-51,-50]	<ul style="list-style-type: none"> Name: minus51_to_minus50 Value: 3
[-52,-51]	<ul style="list-style-type: none"> Name: minus52_to_minus51 Value: 51
[-53,-52]	<ul style="list-style-type: none"> Name: minus53_to_minus52 Value: 22
[-54,-53]	<ul style="list-style-type: none"> Name: minus54_to_minus53 Value: 18
[-55,-54]	<ul style="list-style-type: none"> Name: minus55_to_minus54 Value: 41
[-56,-55]	<ul style="list-style-type: none"> Name: minus56_to_minus55 Value: 0
[-57,-56]	<ul style="list-style-type: none"> Name: minus57_to_minus56 Value: 12
[-58,-57]	<ul style="list-style-type: none"> Name: minus58_to_minus57 Value: 54
[-59,-58]	<ul style="list-style-type: none"> Name: minus59_to_minus58 Value: 29
[-60,-59]	<ul style="list-style-type: none"> Name: minus60_to_minus59 Value: 34
[-61,-60]	<ul style="list-style-type: none"> Name: minus61_to_minus60 Value: 59
[-62,-61]	<ul style="list-style-type: none"> Name: minus62_to_minus61 Value: 60
[-63,-62]	<ul style="list-style-type: none"> Name: minus63_to_minus62 Value: 4
[-64,-63]	<ul style="list-style-type: none"> Name: minus64_to_minus63 Value: 17
[-65,-64]	<ul style="list-style-type: none"> Name: minus65_to_minus64 Value: 6
[-66,-65]	<ul style="list-style-type: none"> Name: minus66_to_minus65 Value: 7
[-67,-66]	<ul style="list-style-type: none"> Name: minus67_to_minus66 Value: 47
[-68,-67]	<ul style="list-style-type: none"> Name: minus68_to_minus67 Value: 40
[-69,-68]	<ul style="list-style-type: none"> Name: minus69_to_minus68 Value: 56
[-70,-69]	<ul style="list-style-type: none"> Name: minus70_to_minus69 Value: 2
[-71,-70]	<ul style="list-style-type: none"> Name: minus71_to_minus70 Value: 10
[-72,-71]	<ul style="list-style-type: none"> Name: minus72_to_minus71 Value: 43

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Name	Value
[-73,-72]	<ul style="list-style-type: none"> Name: minus73_to_minus72 Value: 15
[-74,-73]	<ul style="list-style-type: none"> Name: minus74_to_minus73 Value: 57
[-75,-74]	<ul style="list-style-type: none"> Name: minus75_to_minus74 Value: 35
[-76,-75]	<ul style="list-style-type: none"> Name: minus76_to_minus75 Value: 23
[-77,-76]	<ul style="list-style-type: none"> Name: minus77_to_minus76 Value: 46
[-78,-77]	<ul style="list-style-type: none"> Name: minus78_to_minus77 Value: 42
[-79,-78]	<ul style="list-style-type: none"> Name: minus79_to_minus78 Value: 32
[-80,-79]	<ul style="list-style-type: none"> Name: minus80_to_minus79 Value: 58
[-81,-80]	<ul style="list-style-type: none"> Name: minus81_to_minus80 Value: 21
[-82,-81]	<ul style="list-style-type: none"> Name: minus82_to_minus81 Value: 63
[-83,-82]	<ul style="list-style-type: none"> Name: minus83_to_minus82 Value: 36
[-84,-83]	<ul style="list-style-type: none"> Name: minus84_to_minus83 Value: 50
[-85,-84]	<ul style="list-style-type: none"> Name: minus85_to_minus84 Value: 45
[-86,-85]	<ul style="list-style-type: none"> Name: minus86_to_minus85 Value: 62
[-87,-86]	<ul style="list-style-type: none"> Name: minus87_to_minus86 Value: 16
[-88,-87]	<ul style="list-style-type: none"> Name: minus88_to_minus87 Value: 19
[-89,-88]	<ul style="list-style-type: none"> Name: minus89_to_minus88 Value: 52
[-90,-89]	<ul style="list-style-type: none"> Name: minus90_to_minus89 Value: 44
[-91,-90]	<ul style="list-style-type: none"> Name: minus91_to_minus90 Value: 13
[-92,-91]	<ul style="list-style-type: none"> Name: minus92_to_minus91 Value: 37
[-93,-92]	<ul style="list-style-type: none"> Name: minus93_to_minus92 Value: 11
[-94,-93]	<ul style="list-style-type: none"> Name: minus94_to_minus93 Value: 9

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Name	Value
[-95,-94]	<ul style="list-style-type: none"> Name: minus95_to_minus94 Value: 24
[-96,-95]	<ul style="list-style-type: none"> Name: minus96_to_minus95 Value: 26
[-97,-96]	<ul style="list-style-type: none"> Name: minus97_to_minus96 Value: 48
[-98,-97]	<ul style="list-style-type: none"> Name: minus98_to_minus97 Value: 55
[-99,-98]	<ul style="list-style-type: none"> Name: minus99_to_minus98 Value: 30
less-than-minus110	<ul style="list-style-type: none"> Name: less_than_minus110 Value: 5
more-than-minus48	<ul style="list-style-type: none"> Name: more_than_minus48 Value: 61

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Table 406-21 BandGeranEnum

Name	Value
GSM 1800	<ul style="list-style-type: none"> Name: gsm1800 order: 10 Value: 7
GSM 1900	<ul style="list-style-type: none"> Name: gsm1900 order: 11 Value: 4
GSM 450	<ul style="list-style-type: none"> Name: gsm450 order: 1 Value: 2
GSM 480	<ul style="list-style-type: none"> Name: gsm480 order: 2 Value: 10
GSM 710	<ul style="list-style-type: none"> Name: gsm710 order: 3 Value: 3
GSM 750	<ul style="list-style-type: none"> Name: gsm750 order: 4 Value: 0
GSM 810	<ul style="list-style-type: none"> Name: gsm810 order: 5 Value: 8
GSM 850	<ul style="list-style-type: none"> Name: gsm850 order: 6 Value: 9

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Name	Value
GSM 900 E	<ul style="list-style-type: none"> Name: gsm900E order: 7 Value: 1
GSM 900 P	<ul style="list-style-type: none"> Name: gsm900P order: 8 Value: 5
GSM 900 R	<ul style="list-style-type: none"> Name: gsm900R order: 9 Value: 6

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Table 406-22 BandIndicatorGERANEnum

Name	Value
DCS 1800	<ul style="list-style-type: none"> Name: dcs1800 Value: 1
PCS 1900	<ul style="list-style-type: none"> Name: pcs1900 Value: 0

Table 406-23 BasicSchedulingModeEnum

Name	Value
Max CI	<ul style="list-style-type: none"> Name: MaxCI Value: 1
PF	<ul style="list-style-type: none"> Name: PF Value: 0
RR	<ul style="list-style-type: none"> Name: RR Value: 2

Table 406-24 BeamFormingAlgoEnum

Name	Value
Adaptive	<ul style="list-style-type: none"> Name: Adaptive Value: 3
COM EBB	<ul style="list-style-type: none"> Name: COM_EBB Value: 4
DoA	<ul style="list-style-type: none"> Name: DoA Value: 2
Full BW EBB	<ul style="list-style-type: none"> Name: Full_BW_EBB Value: 1

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Name	Value
Per RB MRT	<ul style="list-style-type: none">Name: Per_RB_MRTValue: 0

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Table 406-25 BeamFormingAlgoRank2Enum

Name	Value
Adaptive- Rank2 BF	<ul style="list-style-type: none">Name: Adaptive_Rank2BFValue: 4
SU- B F- RAN K2- COMDOA	<ul style="list-style-type: none">Name: SU_BF_RANK2_COMDOAValue: 3
SU- B F- RAN K2- COMEBB	<ul style="list-style-type: none">Name: SU_BF_RANK2_COMEBBValue: 0
SU- B F- RAN K2- DOA	<ul style="list-style-type: none">Name: SU_BF_RANK2_DOAValue: 2
SU- B F- RAN K2- EBB	<ul style="list-style-type: none">Name: SU_BF_RANK2_EBBValue: 1

Table 406-26 BearerPreemptionActionEnum

Name	Value
Bearer Release	<ul style="list-style-type: none">Name: bearerReleaseValue: 0
Outgoing Mobility	<ul style="list-style-type: none">Name: outgoingMobilityValue: 1

Table 406-27 BearerTypeEnum

Name	Value
dedicated	<ul style="list-style-type: none">Name: dedicatedValue: 2
default	<ul style="list-style-type: none">Name: defaultValue: 1
undefined	<ul style="list-style-type: none">Name: undefinedValue: 0

Table 406-28 BsCommunicationStateType

Name	Value
LMT Managed	<ul style="list-style-type: none"> Name: lmtManaged Value: 4
Offline	<ul style="list-style-type: none"> Name: offline Value: 0
OMC Managed	<ul style="list-style-type: none"> Name: omcManaged Value: 2
Online	<ul style="list-style-type: none"> Name: online Value: 1
RMT Managed	<ul style="list-style-type: none"> Name: rmtManaged Value: 3

Table 406-29 BucketSizeDurationEnum

Name	Value
100 ms	<ul style="list-style-type: none"> Name: ms100 order: 2 Value: 2
1000 ms	<ul style="list-style-type: none"> Name: ms1000 order: 6 Value: 0
150 ms	<ul style="list-style-type: none"> Name: ms150 order: 3 Value: 5
300 ms	<ul style="list-style-type: none"> Name: ms300 order: 4 Value: 1
50 ms	<ul style="list-style-type: none"> Name: ms50 order: 1 Value: 3
500 ms	<ul style="list-style-type: none"> Name: ms500 order: 5 Value: 4

Table 406-30 BufferOccupancyEnum

Name	Value
Buffer Occupancy 0	<ul style="list-style-type: none"> Name: BufferOccupancy0 Value: 0
Buffer Occupancy 1	<ul style="list-style-type: none"> Name: BufferOccupancy1 Value: 1

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Name	Value
Buffer Occupancy 2	<ul style="list-style-type: none">Name: BufferOccupancy2Value: 2
Buffer Occupancy 3	<ul style="list-style-type: none">Name: BufferOccupancy3Value: 3
No Buffer Occupancy	<ul style="list-style-type: none">Name: noBufferOccupancyValue: 4

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Table 406-31 CallPreemptionActionEnum

Name	Value
Call Release	<ul style="list-style-type: none">Name: callReleaseValue: 0
Outgoing Mobility	<ul style="list-style-type: none">Name: outgoingMobilityValue: 1

Table 406-32 Cdma2000TypeEnum

Name	Value
Type 1 XRTT	<ul style="list-style-type: none">Name: type1XRTTValue: 0
Type HRPD	<ul style="list-style-type: none">Name: typeHRPDValue: 1

Table 406-33 CellBarredEnum

Name	Value
Barred	<ul style="list-style-type: none">Name: barredValue: 1
Not Barred / Auto Barrable	<ul style="list-style-type: none">Name: notBarredAutoBarrableValue: 2
Not Barred	<ul style="list-style-type: none">Name: notBarredValue: 0

Table 406-34 CellOffsetEnum

Name	Value
-1 dB	<ul style="list-style-type: none"> Name: dB_1 order: 15 Value: 2
-10 dB	<ul style="list-style-type: none"> Name: dB_10 order: 8 Value: 11
-12 dB	<ul style="list-style-type: none"> Name: dB_12 order: 7 Value: 20
-14 dB	<ul style="list-style-type: none"> Name: dB_14 order: 6 Value: 22
-16 dB	<ul style="list-style-type: none"> Name: dB_16 order: 5 Value: 25
-18 dB	<ul style="list-style-type: none"> Name: dB_18 order: 4 Value: 27
-2 dB	<ul style="list-style-type: none"> Name: dB_2 order: 14 Value: 0
-20 dB	<ul style="list-style-type: none"> Name: dB_20 order: 3 Value: 23
-22 dB	<ul style="list-style-type: none"> Name: dB_22 order: 2 Value: 26
-24 dB	<ul style="list-style-type: none"> Name: dB_24 order: 1 Value: 1
-3 dB	<ul style="list-style-type: none"> Name: dB_3 order: 13 Value: 14
-4 dB	<ul style="list-style-type: none"> Name: dB_4 order: 12 Value: 10
-5 dB	<ul style="list-style-type: none"> Name: dB_5 order: 11 Value: 8
-6 dB	<ul style="list-style-type: none"> Name: dB_6 order: 10 Value: 5
-8 dB	<ul style="list-style-type: none"> Name: dB_8 order: 9 Value: 17

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Name	Value
0 dB	<ul style="list-style-type: none">• Name: dB0• order: 16• Value: 3
1 dB	<ul style="list-style-type: none">• Name: dB1• order: 17• Value: 4
10 dB	<ul style="list-style-type: none">• Name: dB10• order: 24• Value: 28
12 dB	<ul style="list-style-type: none">• Name: dB12• order: 25• Value: 30
14 dB	<ul style="list-style-type: none">• Name: dB14• order: 26• Value: 19
16 dB	<ul style="list-style-type: none">• Name: dB16• order: 27• Value: 21
18 dB	<ul style="list-style-type: none">• Name: dB18• order: 28• Value: 24
2 dB	<ul style="list-style-type: none">• Name: dB2• order: 18• Value: 6
20 dB	<ul style="list-style-type: none">• Name: dB20• order: 29• Value: 7
22 dB	<ul style="list-style-type: none">• Name: dB22• order: 30• Value: 13
24 dB	<ul style="list-style-type: none">• Name: dB24• order: 31• Value: 29
3 dB	<ul style="list-style-type: none">• Name: dB3• order: 19• Value: 9
4 dB	<ul style="list-style-type: none">• Name: dB4• order: 20• Value: 12
5 dB	<ul style="list-style-type: none">• Name: dB5• order: 21• Value: 15
6 dB	<ul style="list-style-type: none">• Name: dB6• order: 22• Value: 16

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Name	Value
8 dB	<ul style="list-style-type: none"> Name: dB8 order: 23 Value: 18

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Table 406-35 CellReservationEnum

Name	Value
Not Reserved	<ul style="list-style-type: none"> Name: notReserved Value: 0
Reserved	<ul style="list-style-type: none"> Name: reserved Value: 1

Table 406-36 CellSizeEnum

Name	Value
Large	<ul style="list-style-type: none"> Name: large Value: 2
Medium	<ul style="list-style-type: none"> Name: medium Value: 3
Small	<ul style="list-style-type: none"> Name: small Value: 1
Very Small	<ul style="list-style-type: none"> Name: verysmall Value: 0

Table 406-37 CellSpecificChannelAndRSTransmissionSchemeEnum

Name	Value
Four- Port- Full- BW	<ul style="list-style-type: none"> Name: Four_Port_Full_BW Value: 2
Four- Port- Sub- BW	<ul style="list-style-type: none"> Name: Four_Port_Sub_BW Value: 3
Two Port PRBCDD	<ul style="list-style-type: none"> Name: TwoPortPRBCDD Value: 4
Two- Port- Full- BW	<ul style="list-style-type: none"> Name: Two_Port_Full_BW Value: 0
Two- Port- Sub- BW	<ul style="list-style-type: none"> Name: Two_Port_Sub_BW Value: 1

Table 406-38 CipheringAlgoEnum

Name	Value
128 - EPS Encryption Algorithm 1	<ul style="list-style-type: none"> Name: 128_eea1 Value: 1
128 - EPS Encryption Algorithm 2	<ul style="list-style-type: none"> Name: 128_eea2 Value: 2
EPS Encryption Algorithm 0	<ul style="list-style-type: none"> Name: eea0 Value: 0

Table 406-39 ClockSynchroModeEnum

Name	Value
Clock Master Base Station	<ul style="list-style-type: none"> Name: clock_master_bs Value: 4
Externally Synchronised Mode 1 SyncE	<ul style="list-style-type: none"> Name: externally_synchronised_mode_1 Value: 1
Externally Synchronised Mode 2 Ptp 1588	<ul style="list-style-type: none"> Name: externally_synchronised_mode_2 Value: 2
Externally Synchronised Mode 3 External clock	<ul style="list-style-type: none"> Name: externally_synchronised_mode_3 Value: 5
Externally Synchronised Mode 4 Satellite	<ul style="list-style-type: none"> Name: externally_synchronised_mode_4 Value: 6
Externally Synchronized Mode 1 SyncE	<ul style="list-style-type: none"> Name: externally_synchronized_mode_1 Value: 11
Externally Synchronized Mode 2 Ptp 1588	<ul style="list-style-type: none"> Name: externally_synchronized_mode_2 Value: 12
Externally Synchronized Mode 3 External clock	<ul style="list-style-type: none"> Name: externally_synchronized_mode_3 Value: 15
Externally Synchronized Mode 4 Satellite	<ul style="list-style-type: none"> Name: externally_synchronized_mode_4 Value: 16
Externally-synchronised-mode-5-1 PPS And TOD	<ul style="list-style-type: none"> Name: externally_synchronised_mode_5_1PPSAndTOD Value: 17
Free-running	<ul style="list-style-type: none"> Name: free_running Value: 0
GPS Synchronised	<ul style="list-style-type: none"> Name: gps_synchronised Value: 3
GPS Synchronized	<ul style="list-style-type: none"> Name: gps_synchronized Value: 13

Table 406-40 CommonSFAllocPeriodEnum

Name	Value
Rf128	<ul style="list-style-type: none"> Name: rf128 Value: 5
Rf16	<ul style="list-style-type: none"> Name: rf16 Value: 2
Rf256	<ul style="list-style-type: none"> Name: rf256 Value: 6
Rf32	<ul style="list-style-type: none"> Name: rf32 Value: 3
Rf4	<ul style="list-style-type: none"> Name: rf4 Value: 0
Rf64	<ul style="list-style-type: none"> Name: rf64 Value: 4
Rf8	<ul style="list-style-type: none"> Name: rf8 Value: 1

Table 406-41 CompactFlash

Name	Value
cf1	<ul style="list-style-type: none"> Name: cf1 Value: 1
cf2	<ul style="list-style-type: none"> Name: cf2 Value: 2

Table 406-42 ComponentType

Name	Value
Discovered Physical Link	<ul style="list-style-type: none"> Name: discoveredPhysicalLink Value: 2
Network Interface	<ul style="list-style-type: none"> Name: interface Value: 4
Other	<ul style="list-style-type: none"> Name: other selectable: no Value: 0
Physical Link	<ul style="list-style-type: none"> Name: physicalLink Value: 1
Service	<ul style="list-style-type: none"> Name: service Value: 3
Static Route	<ul style="list-style-type: none"> Name: staticroute Value: 5

Table 406-43 ConnectionType

Name	Value
Managed L2 Transport	<ul style="list-style-type: none"> Name: managedL2Transport Value: 2
Managed Spoke Connector	<ul style="list-style-type: none"> Name: managedSpokeConnector Value: 3
Physical Link	<ul style="list-style-type: none"> Name: physicalLink Value: 1
Unmanaged L2 Transport	<ul style="list-style-type: none"> Name: unmanagedL2Transport Value: 4

Table 406-44 ControlChannelTransmissionSchemeEnum

Name	Value
Four- Port- Full- BW	<ul style="list-style-type: none"> Name: Four_Port_Full_BW Value: 2
Four- Port- Sub- BW	<ul style="list-style-type: none"> Name: Four_Port_Sub_BW Value: 3
Two Port PRBCDD	<ul style="list-style-type: none"> Name: TwoPortPRBCDD Value: 4
Two- Port- Full- BW	<ul style="list-style-type: none"> Name: Two_Port_Full_BW Value: 0
Two- Port- Sub- BW	<ul style="list-style-type: none"> Name: Two_Port_Sub_BW Value: 1

Table 406-45 ControlFlowEnum

Name	Value
Call Trace	<ul style="list-style-type: none"> Name: CallTrace Value: 7
GT Pu Echo	<ul style="list-style-type: none"> Name: GTPuEcho Value: 2
ICMP	<ul style="list-style-type: none"> Name: ICMP Value: 6
OAM	<ul style="list-style-type: none"> Name: OAM Value: 3
Ptp Evt Msg	<ul style="list-style-type: none"> Name: PtpEvtMsg Value: 4
Ptp Gen Msg	<ul style="list-style-type: none"> Name: PtpGenMsg Value: 5

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Name	Value
Sctp S1	<ul style="list-style-type: none"> Name: SctpS1 Value: 0
Sctp X2	<ul style="list-style-type: none"> Name: SctpX2 Value: 1

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Table 406-46 CqiFormatIndicatorPeriodicEnum

Name	Value
Sub Band	<ul style="list-style-type: none"> Name: Subband Value: 1
Wide Band	<ul style="list-style-type: none"> Name: Wideband Value: 0

Table 406-47 CqiInitPeriodEnum

Name	Value
10 sf	<ul style="list-style-type: none"> Name: 10sf Value: 0
20 sf	<ul style="list-style-type: none"> Name: 20sf Value: 1
40 sf	<ul style="list-style-type: none"> Name: 40sf Value: 2
80 sf	<ul style="list-style-type: none"> Name: 80sf Value: 3

Table 406-48 CqiInitPeriodTDDEnum

Name	Value
10ms	<ul style="list-style-type: none"> Name: 10ms Value: 2
160ms	<ul style="list-style-type: none"> Name: 160ms Value: 6
1ms	<ul style="list-style-type: none"> Name: 1ms Value: 0
20ms	<ul style="list-style-type: none"> Name: 20ms Value: 3
40ms	<ul style="list-style-type: none"> Name: 40ms Value: 4

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Name	Value
5ms	<ul style="list-style-type: none">Name: 5msValue: 1
80ms	<ul style="list-style-type: none">Name: 80msValue: 5

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Table 406-49 CqiPeriodTDDEnum

Name	Value
1 ms	<ul style="list-style-type: none">Name: 1msValue: 0
10 ms	<ul style="list-style-type: none">Name: 10msValue: 2
160 ms	<ul style="list-style-type: none">Name: 160msValue: 6
20 ms	<ul style="list-style-type: none">Name: 20msValue: 3
40 ms	<ul style="list-style-type: none">Name: 40msValue: 4
5 ms	<ul style="list-style-type: none">Name: 5msValue: 1
80 ms	<ul style="list-style-type: none">Name: 80msValue: 5

Table 406-50 CqiReportingModeAperiodicEnum

Name	Value
Disabled	<ul style="list-style-type: none">Name: disabledValue: 2
Mode 12	<ul style="list-style-type: none">Name: rm12Value: 3
Mode 20	<ul style="list-style-type: none">Name: rm20Value: 4
Mode 22	<ul style="list-style-type: none">Name: rm22Value: 5
Mode 30	<ul style="list-style-type: none">Name: rm30Value: 1
Mode 31	<ul style="list-style-type: none">Name: rm31Value: 0

Table 406-51 CqiReportingModeAperiodicEnumFDD

Name	Value
Disabled	<ul style="list-style-type: none"> Name: disabled Value: 0
Rm 12	<ul style="list-style-type: none"> Name: rm12 Value: 3
Rm 30	<ul style="list-style-type: none"> Name: rm30 Value: 1
Rm 31	<ul style="list-style-type: none"> Name: rm31 Value: 2

Table 406-52 DccaCalledStationId

Name	Value
Disabled	<ul style="list-style-type: none"> Name: real selectable: yes Value: 1
Enabled	<ul style="list-style-type: none"> Name: virtual selectable: yes Value: 2

Table 406-53 DccaCCSessFailOvrHndl

Name	Value
Continue	<ul style="list-style-type: none"> Name: continue selectable: yes Value: 2
Retry and Terminate	<ul style="list-style-type: none"> Name: retryandterminate selectable: yes Value: 3
Terminate	<ul style="list-style-type: none"> Name: terminate selectable: yes Value: 1

Table 406-54 DciFormatSelectorForTPCEnum

Name	Value
TPC Group Command DCI Format 3 periodic	<ul style="list-style-type: none"> Name: TPC_GROUP_COMMAND_DCI_FORMAT_3_PERIODICAL_PUCCH_ONLY Value: 3

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Name	Value
TPC Group Command DCI Format 3	<ul style="list-style-type: none">• Name: TPC_GROUP_COMMAND_DCI_FORMAT_3• Value: 1
TPC Group Command DCI Format 3A	<ul style="list-style-type: none">• Name: TPC_GROUP_COMMAND_DCI_FORMAT_3A• Value: 2
TPC Group Command None	<ul style="list-style-type: none">• Name: TPC_GROUP_COMMAND_NONE• Value: 0

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Table 406-55 DefaultPagingCycleEnum

Name	Value
RF 128	<ul style="list-style-type: none">• Name: rf128• order: 3• Value: 3
RF 256	<ul style="list-style-type: none">• Name: rf256• order: 4• Value: 2
RF 32	<ul style="list-style-type: none">• Name: rf32• order: 1• Value: 0
RF 64	<ul style="list-style-type: none">• Name: rf64• order: 2• Value: 1

Table 406-56 DeltaFPUCCHFormat1bEnum

Name	Value
Delta F1	<ul style="list-style-type: none">• Name: deltaF1• Value: 2
Delta F3	<ul style="list-style-type: none">• Name: deltaF3• Value: 1
Delta F5	<ul style="list-style-type: none">• Name: deltaF5• Value: 0

Table 406-57 DeltaFPUCCHFormat1Enum

Name	Value
Delta F0	<ul style="list-style-type: none">• Name: deltaF0• Value: 2
Delta F2	<ul style="list-style-type: none">• Name: deltaF2• Value: 1

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Name	Value
Delta Fm2	<ul style="list-style-type: none"> Name: deltaFm2 Value: 0

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Table 406-58 DeltaFPUCCHFormat2aEnum

Name	Value
Delta F0	<ul style="list-style-type: none"> Name: deltaF0 Value: 1
Delta F2	<ul style="list-style-type: none"> Name: deltaF2 Value: 2
Delta Fm2	<ul style="list-style-type: none"> Name: deltaFm2 Value: 0

Table 406-59 DeltaFPUCCHFormat2bEnum

Name	Value
Delta F0	<ul style="list-style-type: none"> Name: deltaF0 Value: 1
Delta F2	<ul style="list-style-type: none"> Name: deltaF2 Value: 2
Delta Fm2	<ul style="list-style-type: none"> Name: deltaFm2 Value: 0

Table 406-60 DeltaFPUCCHFormat2Enum

Name	Value
Delta F0	<ul style="list-style-type: none"> Name: deltaF0 Value: 1
Delta F1	<ul style="list-style-type: none"> Name: deltaF1 Value: 2
Delta F2	<ul style="list-style-type: none"> Name: deltaF2 Value: 3
Delta Fm2	<ul style="list-style-type: none"> Name: deltaFm2 Value: 0

Table 406-61 DeltaPUCCHShiftEnum

Name	Value
Delta Shift 1	<ul style="list-style-type: none">Name: ds1Value: 0
Delta Shift 2	<ul style="list-style-type: none">Name: ds2Value: 1
Delta Shift 3	<ul style="list-style-type: none">Name: ds3Value: 2

Table 406-62 DisabledEnabledEnum

Name	Value
Disabled	<ul style="list-style-type: none">Name: disabledValue: 1
Enabled	<ul style="list-style-type: none">Name: enabledValue: 0

Table 406-63 DiscardPolicyEnum

Name	Value
Tail Drop	<ul style="list-style-type: none">Name: TailDropValue: 1
WRED	<ul style="list-style-type: none">Name: WREDValue: 0

Table 406-64 DIMIMODEfaultCodeBookIndexEnum

Name	Value
1 Layer Codebook 0	<ul style="list-style-type: none">Name: 1LayerCodebook0Value: 0
1 Layer Codebook 1	<ul style="list-style-type: none">Name: 1LayerCodebook1Value: 1
1 Layer Codebook 2	<ul style="list-style-type: none">Name: 1LayerCodebook2Value: 2
1 Layer Codebook 3	<ul style="list-style-type: none">Name: 1LayerCodebook3Value: 3
2 Layers Codebook 1	<ul style="list-style-type: none">Name: 2LayersCodebook1Value: 4

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Name	Value
2 Layers Codebook 2	<ul style="list-style-type: none"> Name: 2LayersCodebook2 Value: 5

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Table 406-65 DIPathlossChangeForPHRreportingEnum

Name	Value
1 dB	<ul style="list-style-type: none"> Name: dB1 Value: 0
3 dB	<ul style="list-style-type: none"> Name: dB3 Value: 1
6 dB	<ul style="list-style-type: none"> Name: dB6 Value: 2
Infinity	<ul style="list-style-type: none"> Name: infinity Value: 3

Table 406-66 DIPDBQoS Tuning Factor Enum

Name	Value
0	<ul style="list-style-type: none"> Name: 0 Value: 0
1	<ul style="list-style-type: none"> Name: 1 Value: 1
2	<ul style="list-style-type: none"> Name: 2 Value: 2
3	<ul style="list-style-type: none"> Name: 3 Value: 3

Table 406-67 DIResourceAllocationTypeEnum

Name	Value
rat0_0	<ul style="list-style-type: none"> Name: rat0_0 Value: 0
rat1_1	<ul style="list-style-type: none"> Name: rat1_1 Value: 1
rat1_2	<ul style="list-style-type: none"> Name: rat1_2 Value: 2
rat1_3	<ul style="list-style-type: none"> Name: rat1_3 Value: 4

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Name	Value
rat2_0	<ul style="list-style-type: none">Name: rat2_0Value: 3

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Table 406-68 DISchedulerModeEnum

Name	Value
Adaptive	<ul style="list-style-type: none">Name: adaptiveValue: 2
Frequency Non Selective	<ul style="list-style-type: none">Name: frequencyNonSelectiveValue: 1
Frequency Selective	<ul style="list-style-type: none">Name: frequencySelectiveValue: 0

Table 406-69 DrxCycleForInterRatReportCGIEnum

Name	Value
Sf1280	<ul style="list-style-type: none">Name: sf1280Value: 2
Sf320	<ul style="list-style-type: none">Name: sf320Value: 0
Sf640	<ul style="list-style-type: none">Name: sf640Value: 1

Table 406-70 DrxCycleForLteReportCGIEnum

Name	Value
Sf160	<ul style="list-style-type: none">Name: sf160Value: 0
Sf320	<ul style="list-style-type: none">Name: sf320Value: 1

Table 406-71 DrxCycleForReportCGIEnum

Name	Value
Sf 160	<ul style="list-style-type: none">Name: sf160Value: 1

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Name	Value
Sf 320	<ul style="list-style-type: none"> Name: sf320 Value: 0

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Table 406-72 DsclsuState

Name	Value
Breaking replication	<ul style="list-style-type: none"> Name: isu_breaking_replication Value: 1
Duplex up	<ul style="list-style-type: none"> Name: isu_duplex_up Value: 7
No ISU	<ul style="list-style-type: none"> Name: isu_no_isu Value: 0
Ready for upgrade	<ul style="list-style-type: none"> Name: isu_ready_for_upgrade Value: 2
Recovery complete	<ul style="list-style-type: none"> Name: isu_recovery_complete Value: 5
Recovery in progress	<ul style="list-style-type: none"> Name: isu_recovery_in_progress Value: 4
Simplex up	<ul style="list-style-type: none"> Name: isu_simplex_up Value: 6
Upgrade in progress	<ul style="list-style-type: none"> Name: isu_upgrade_in_progress Value: 3
Upgrade unknown	<ul style="list-style-type: none"> Name: isu_upgrade_unknown Value: 8

Table 406-73 DscpEnum

Name	Value
AF 11	<ul style="list-style-type: none"> Name: AF11 Value: 5
AF 12	<ul style="list-style-type: none"> Name: AF12 Value: 3
AF 13	<ul style="list-style-type: none"> Name: AF13 Value: 0
AF 21	<ul style="list-style-type: none"> Name: AF21 Value: 4
AF 22	<ul style="list-style-type: none"> Name: AF22 Value: 1
AF 23	<ul style="list-style-type: none"> Name: AF23 Value: 7

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Name	Value
AF 31	<ul style="list-style-type: none">Name: AF31Value: 2
AF 32	<ul style="list-style-type: none">Name: AF32Value: 12
AF 33	<ul style="list-style-type: none">Name: AF33Value: 10
AF 41	<ul style="list-style-type: none">Name: AF41Value: 8
AF 42	<ul style="list-style-type: none">Name: AF42Value: 6
AF 43	<ul style="list-style-type: none">Name: AF43Value: 9
BE	<ul style="list-style-type: none">Name: BEValue: 11
CS1	<ul style="list-style-type: none">Name: CS1Value: 14
CS2	<ul style="list-style-type: none">Name: CS2Value: 15
CS3	<ul style="list-style-type: none">Name: CS3Value: 16
CS4	<ul style="list-style-type: none">Name: CS4Value: 17
CS5	<ul style="list-style-type: none">Name: CS5Value: 18
CS6	<ul style="list-style-type: none">Name: CS6Value: 20
CS7	<ul style="list-style-type: none">Name: CS7Value: 21
EF	<ul style="list-style-type: none">Name: EFValue: 13
Not Used	<ul style="list-style-type: none">Name: NotUsedValue: 22
VOIC E- ADMIT	<ul style="list-style-type: none">Name: VOICE_ADMITValue: 19

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Table 406-74 DsrTransMaxEnum

Name	Value
16 Unanswered Requests	<ul style="list-style-type: none">Name: n16order: 3Value: 4

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Name	Value
32 Unanswered Requests	<ul style="list-style-type: none"> Name: n32 order: 4 Value: 0
4 Unanswered Requests	<ul style="list-style-type: none"> Name: n4 order: 1 Value: 1
64 Unanswered Requests	<ul style="list-style-type: none"> Name: n64 order: 5 Value: 3
8 Unanswered Requests	<ul style="list-style-type: none"> Name: n8 order: 2 Value: 2

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Table 406-75 DualRxCsfbTo1xRttEnum

Name	Value
Not- Optimized-for-1x CSF B- KP Is	<ul style="list-style-type: none"> Name: Not_Optimized_for_1xCsfb_KPIs Value: 1
Optimized-for-1x CSF B- KP Is	<ul style="list-style-type: none"> Name: Optimized_for_1xCsfb_KPIs Value: 0

Table 406-76 DualStackIpPreference

Name	Value
Control Plane	<ul style="list-style-type: none"> Name: useCplane Value: 3
IPv4	<ul style="list-style-type: none"> Name: ipv4 Value: 1
IPv6	<ul style="list-style-type: none"> Name: ipv6 Value: 2

Table 406-77 DynamicCFIMetricEnum

Name	Value
Based On CCE Shortage	<ul style="list-style-type: none"> Name: basedOnCCEShortage Value: 1
Based On Number Of U Econtexts	<ul style="list-style-type: none"> Name: basedOnNumberOfUEcontexts Value: 0

Table 406-78 DynamicDebugTraceProfileEnum

Name	Value
Custom-L1-L2-L3	<ul style="list-style-type: none"> Name: custom_L1_L2_L3 Value: 11
Custom-L1-L2	<ul style="list-style-type: none"> Name: custom_L1_L2 Value: 9
Custom-L3	<ul style="list-style-type: none"> Name: custom_L3 Value: 10
Deep-L1-L2-L3	<ul style="list-style-type: none"> Name: deep_L1_L2_L3 Value: 8
Deep-L1-L2	<ul style="list-style-type: none"> Name: deep_L1_L2 Value: 6
Deep-L3	<ul style="list-style-type: none"> Name: deep_L3 Value: 7
Light-L1-L2-L3	<ul style="list-style-type: none"> Name: light_L1_L2_L3 Value: 2
Light-L1-L2	<ul style="list-style-type: none"> Name: light_L1_L2 Value: 0
Light-L3	<ul style="list-style-type: none"> Name: light_L3 Value: 1
Medium-L1-L2-L3	<ul style="list-style-type: none"> Name: medium_L1_L2_L3 Value: 5
Medium-L1-L2	<ul style="list-style-type: none"> Name: medium_L1_L2 Value: 3
Medium-L3	<ul style="list-style-type: none"> Name: medium_L3 Value: 4

Table 406-79 EMctaConnectedPriorityEnum

Name	Value
0-lowest	<ul style="list-style-type: none"> Name: 0_lowest order: 1 Value: 1
1	<ul style="list-style-type: none"> Name: 1 order: 2 Value: 2
2	<ul style="list-style-type: none"> Name: 2 order: 3 Value: 3
3	<ul style="list-style-type: none"> Name: 3 order: 4 Value: 4

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Name	Value
4	<ul style="list-style-type: none"> Name: 4 order: 5 Value: 5
5	<ul style="list-style-type: none"> Name: 5 order: 6 Value: 6
6	<ul style="list-style-type: none"> Name: 6 order: 7 Value: 7
7	<ul style="list-style-type: none"> Name: 7 order: 8 Value: 8
Service Not Allowed In RAT Carrier	<ul style="list-style-type: none"> Name: service_not_allowed_in_RAT_carrier order: 9 Value: 0
Service Or Qci-not-allowed-in- RA T-carrier	<ul style="list-style-type: none"> Name: serviceOrQci_not_allowed_in_RAT_carrier Value: 9

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Table 406-80 ENBIPSecPolicyTypeEnum

Name	Value
Integrity Protection and Encrypted	<ul style="list-style-type: none"> Name: integrityprotectionandencrypted Value: 3
Integrity Protection	<ul style="list-style-type: none"> Name: integrityprotection Value: 2
no-IPsec	<ul style="list-style-type: none"> Name: no_ipsec Value: 1

Table 406-81 EncapType

Name	Value
Any Type	<ul style="list-style-type: none"> Name: unknown selectable: no Value: 0
BCP Dot1 Q	<ul style="list-style-type: none"> Name: bcpDot1q selectable: no Value: 5
BCP Null	<ul style="list-style-type: none"> Name: bcpNull selectable: no Value: 4
Dot1 Q	<ul style="list-style-type: none"> Name: dot1q Value: 2

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Name	Value
Null	<ul style="list-style-type: none">Name: nullValue: 1
Q in Q	<ul style="list-style-type: none">Name: qinqValue: 10

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Table 406-82 EpcFunction

Name	Value
DSC Diameter Proxy Agent	<ul style="list-style-type: none">Name: dpaValue: 6
DSC Policy and Charging Rules	<ul style="list-style-type: none">Name: pcrfValue: 5
MME Application	<ul style="list-style-type: none">Name: mafValue: 8
MME Interface	<ul style="list-style-type: none">Name: mifValue: 7
PGW Application	<ul style="list-style-type: none">Name: pafValue: 4
PGW Interface	<ul style="list-style-type: none">Name: pifValue: 3
SGW Application	<ul style="list-style-type: none">Name: safValue: 2
SGW Interface	<ul style="list-style-type: none">Name: sifValue: 1
Unknown	<ul style="list-style-type: none">Name: unknownValue: 0

Table 406-83 EpcTypes

Name	Value
Dynamic Services Controller	<ul style="list-style-type: none">Name: dscselectable: noValue: 5Description: Dynamic Services Controller
Evolved NodeB	<ul style="list-style-type: none">Name: enbselectable: noValue: 6Description: Evolved NodeB
Mobility Management Entity	<ul style="list-style-type: none">Name: mmeselectable: noValue: 4Description: Mobility Management Entity

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Name	Value
Non-EPC	<ul style="list-style-type: none"> Name: none selectable: no Value: 0
PDN Gateway	<ul style="list-style-type: none"> Name: pgw selectable: no Value: 2 Description: Packet Data Network Gateway (PDN GW)
S and P Gateway	<ul style="list-style-type: none"> Name: agw selectable: no Value: 3 Description: Full Access Gateway with both P and S functionality.
Serving Gateway	<ul style="list-style-type: none"> Name: sgw selectable: no Value: 1 Description: Serving Gateway
Unmanaged PDN Gateway	<ul style="list-style-type: none"> Name: unepgw selectable: no Value: 7

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Table 406-84 EUTRABandEnum

Name	Value
Band10	<ul style="list-style-type: none"> Name: band10 Value: 9
Band11	<ul style="list-style-type: none"> Name: band11 Value: 10
Band12	<ul style="list-style-type: none"> Name: band12 Value: 11
Band13	<ul style="list-style-type: none"> Name: band13 Value: 12
Band14	<ul style="list-style-type: none"> Name: band14 Value: 13
Band17	<ul style="list-style-type: none"> Name: band17 Value: 14
Band1	<ul style="list-style-type: none"> Name: band1 Value: 0
Band2	<ul style="list-style-type: none"> Name: band2 Value: 1
Band33	<ul style="list-style-type: none"> Name: band33 Value: 15
Band34	<ul style="list-style-type: none"> Name: band34 Value: 16
Band35	<ul style="list-style-type: none"> Name: band35 Value: 17

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Name	Value
Band36	<ul style="list-style-type: none"> Name: band36 Value: 18
Band37	<ul style="list-style-type: none"> Name: band37 Value: 19
Band38	<ul style="list-style-type: none"> Name: band38 Value: 20
Band39	<ul style="list-style-type: none"> Name: band39 Value: 21
Band3	<ul style="list-style-type: none"> Name: band3 Value: 2
Band40	<ul style="list-style-type: none"> Name: band40 Value: 22
Band4	<ul style="list-style-type: none"> Name: band4 Value: 3
Band5	<ul style="list-style-type: none"> Name: band5 Value: 4
Band6	<ul style="list-style-type: none"> Name: band6 Value: 5
Band7	<ul style="list-style-type: none"> Name: band7 Value: 6
Band8	<ul style="list-style-type: none"> Name: band8 Value: 7
Band9	<ul style="list-style-type: none"> Name: band9 Value: 8

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Table 406-85 ExpectedModemTypeEnum

Name	Value
BCEM	<ul style="list-style-type: none"> Name: bCEM Value: 1
ECEM	<ul style="list-style-type: none"> Name: eCEM Value: 0

Table 406-86 FakeSIMOenum

Name	Value
MIMO	<ul style="list-style-type: none"> Name: MIMO Value: 0
SIMO Higher Disabled	<ul style="list-style-type: none"> Name: SIMO_higher_disabled Value: 2

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Name	Value
SIMO Lower Disabled	<ul style="list-style-type: none"> Name: SIMO_lower_disabled Value: 1

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Table 406-87 FilterCoeffEnum

Name	Value
FC 0	<ul style="list-style-type: none"> Name: fc0 order: 1 Value: 12
FC 11	<ul style="list-style-type: none"> Name: fc11 order: 11 Value: 14
FC 13	<ul style="list-style-type: none"> Name: fc13 order: 12 Value: 13
FC 15	<ul style="list-style-type: none"> Name: fc15 order: 13 Value: 0
FC 17	<ul style="list-style-type: none"> Name: fc17 order: 14 Value: 2
FC 19	<ul style="list-style-type: none"> Name: fc19 order: 15 Value: 4
FC 1	<ul style="list-style-type: none"> Name: fc1 order: 2 Value: 10
FC 2	<ul style="list-style-type: none"> Name: fc2 order: 3 Value: 11
FC 3	<ul style="list-style-type: none"> Name: fc3 order: 4 Value: 8
FC 4	<ul style="list-style-type: none"> Name: fc4 order: 5 Value: 9
FC 5	<ul style="list-style-type: none"> Name: fc5 order: 6 Value: 6
FC 6	<ul style="list-style-type: none"> Name: fc6 order: 7 Value: 7
FC 7	<ul style="list-style-type: none"> Name: fc7 order: 8 Value: 3

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Name	Value
FC 8	<ul style="list-style-type: none">• Name: fc8• order: 9• Value: 5
FC 9	<ul style="list-style-type: none">• Name: fc9• order: 10• Value: 1

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Table 406-88 ForeignPeerType

Name	Value
Foreign	<ul style="list-style-type: none">• Name: foreign• selectable: yes• Value: 2
Home	<ul style="list-style-type: none">• Name: home• selectable: yes• Value: 1
None	<ul style="list-style-type: none">• Name: none• selectable: yes• Value: 3

Table 406-89 FrequencyBandEnum

Name	Value
Type I	<ul style="list-style-type: none">• Name: TypeI• order: 1• Value: 1
Type IV	<ul style="list-style-type: none">• Name: TypeIV• order: 2• Value: 5
Type VII	<ul style="list-style-type: none">• Name: TypeVII• order: 3• Value: 6
Type XII	<ul style="list-style-type: none">• Name: TypeXII• order: 4• Value: 2
Type XIII	<ul style="list-style-type: none">• Name: TypeXIII• order: 5• Value: 0
Type XIV	<ul style="list-style-type: none">• Name: TypeXIV• order: 6• Value: 3

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Name	Value
Type XVII	<ul style="list-style-type: none"> Name: TypeXVII order: 7 Value: 4

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Table 406-90 GpsModeSelectEnum

Name	Value
Managed External GPS receiver	<ul style="list-style-type: none"> Name: ManagedExternalGPSreceiver Value: 3
Managed Internal GPS receiver	<ul style="list-style-type: none"> Name: ManagedInternalGPSreceiver Value: 2
Unmanaged External GPS receiver	<ul style="list-style-type: none"> Name: UnmanagedExternalGPSreceiver Value: 1
Unmanaged Internal GPS receiver	<ul style="list-style-type: none"> Name: UnmanagedInternalGPSreceiver Value: 0

Table 406-91 HARQRetransmissionModeEnum

Name	Value
adaptive	<ul style="list-style-type: none"> Name: adaptive Value: 1
non_adaptive	<ul style="list-style-type: none"> Name: non_adaptive Value: 0

Table 406-92 HrpdBandEnum

Name	Value
1.8 to 2.0 GHz PCS	<ul style="list-style-type: none"> Name: 1_8_to_2_0_GHz_PCS Value: 0
800 MHz Cellular	<ul style="list-style-type: none"> Name: 800MHz_cellular Value: 1

Table 406-93 HrpDThreshEnum

Name	Value
0 db	<ul style="list-style-type: none"> Name: 0dB order: 1 Value: 5

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Name	Value
0.5 db	<ul style="list-style-type: none">• Name: 0_5dB• order: 2• Value: 52
1 db	<ul style="list-style-type: none">• Name: 1dB• order: 3• Value: 8
1.5 db	<ul style="list-style-type: none">• Name: 1_5dB• order: 4• Value: 9
10 db	<ul style="list-style-type: none">• Name: 10dB• order: 21• Value: 27
10.5 db	<ul style="list-style-type: none">• Name: 10_5dB• order: 22• Value: 45
11 db	<ul style="list-style-type: none">• Name: 11dB• order: 23• Value: 16
11.5 db	<ul style="list-style-type: none">• Name: 11_5dB• order: 24• Value: 0
12 db	<ul style="list-style-type: none">• Name: 12dB• order: 25• Value: 12
12.5 db	<ul style="list-style-type: none">• Name: 12_5dB• order: 26• Value: 3
13 db	<ul style="list-style-type: none">• Name: 13dB• order: 27• Value: 46
13.5 db	<ul style="list-style-type: none">• Name: 13_5dB• order: 28• Value: 15
14 db	<ul style="list-style-type: none">• Name: 14dB• order: 29• Value: 38
14.5 db	<ul style="list-style-type: none">• Name: 14_5dB• order: 30• Value: 63
15 db	<ul style="list-style-type: none">• Name: 15dB• order: 31• Value: 34
15.5 db	<ul style="list-style-type: none">• Name: 15_5dB• order: 32• Value: 23

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Name	Value
16 db	<ul style="list-style-type: none"> • Name: 16dB • order: 33 • Value: 33
16.5 db	<ul style="list-style-type: none"> • Name: 16_5dB • order: 34 • Value: 41
17 db	<ul style="list-style-type: none"> • Name: 17dB • order: 35 • Value: 19
17.5 db	<ul style="list-style-type: none"> • Name: 17_5dB • order: 36 • Value: 53
18 db	<ul style="list-style-type: none"> • Name: 18dB • order: 37 • Value: 14
18.5 db	<ul style="list-style-type: none"> • Name: 18_5dB • order: 38 • Value: 56
19 db	<ul style="list-style-type: none"> • Name: 19dB • order: 39 • Value: 24
19.5 db	<ul style="list-style-type: none"> • Name: 19_5dB • order: 40 • Value: 47
2 db	<ul style="list-style-type: none"> • Name: 2dB • order: 5 • Value: 6
2.5 db	<ul style="list-style-type: none"> • Name: 2_5dB • order: 6 • Value: 37
20 db	<ul style="list-style-type: none"> • Name: 20dB • order: 41 • Value: 22
20.5 db	<ul style="list-style-type: none"> • Name: 20_5dB • order: 42 • Value: 49
21 db	<ul style="list-style-type: none"> • Name: 21dB • order: 43 • Value: 18
21.5 db	<ul style="list-style-type: none"> • Name: 21_5dB • order: 44 • Value: 48
22 db	<ul style="list-style-type: none"> • Name: 22dB • order: 45 • Value: 44

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Name	Value
22.5 db	<ul style="list-style-type: none">• Name: 22_5dB• order: 46• Value: 25
23 db	<ul style="list-style-type: none">• Name: 23dB• order: 47• Value: 42
23.5 db	<ul style="list-style-type: none">• Name: 23_5dB• order: 48• Value: 61
24 db	<ul style="list-style-type: none">• Name: 24dB• order: 49• Value: 60
24.5 db	<ul style="list-style-type: none">• Name: 24_5dB• order: 50• Value: 32
25 db	<ul style="list-style-type: none">• Name: 25dB• order: 51• Value: 31
25.5 db	<ul style="list-style-type: none">• Name: 25_5dB• order: 52• Value: 30
26 db	<ul style="list-style-type: none">• Name: 26dB• order: 53• Value: 55
26.5 db	<ul style="list-style-type: none">• Name: 26_5dB• order: 54• Value: 4
27 db	<ul style="list-style-type: none">• Name: 27dB• order: 55• Value: 51
27.5 db	<ul style="list-style-type: none">• Name: 27_5dB• order: 56• Value: 43
28 db	<ul style="list-style-type: none">• Name: 28dB• order: 57• Value: 50
28.5 db	<ul style="list-style-type: none">• Name: 28_5dB• order: 58• Value: 59
29 db	<ul style="list-style-type: none">• Name: 29dB• order: 59• Value: 62
29.5 db	<ul style="list-style-type: none">• Name: 29_5dB• order: 60• Value: 13

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Name	Value
3 db	<ul style="list-style-type: none"> Name: 3dB order: 7 Value: 57
3.5 db	<ul style="list-style-type: none"> Name: 3_5dB order: 8 Value: 17
30 db	<ul style="list-style-type: none"> Name: 30dB order: 61 Value: 20
30.5 db	<ul style="list-style-type: none"> Name: 30_5dB order: 62 Value: 26
31 db	<ul style="list-style-type: none"> Name: 31dB order: 63 Value: 1
31.5 db	<ul style="list-style-type: none"> Name: 31_5dB order: 64 Value: 54
4 db	<ul style="list-style-type: none"> Name: 4dB order: 9 Value: 58
4.5 db	<ul style="list-style-type: none"> Name: 4_5dB order: 10 Value: 10
5 db	<ul style="list-style-type: none"> Name: 5dB order: 11 Value: 35
5.5 db	<ul style="list-style-type: none"> Name: 5_5dB order: 12 Value: 39
6 db	<ul style="list-style-type: none"> Name: 6dB order: 13 Value: 29
6.5 db	<ul style="list-style-type: none"> Name: 6_5dB order: 14 Value: 40
7 db	<ul style="list-style-type: none"> Name: 7dB order: 15 Value: 28
7.5 db	<ul style="list-style-type: none"> Name: 7_5dB order: 16 Value: 11
8 db	<ul style="list-style-type: none"> Name: 8dB order: 17 Value: 36

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Name	Value
8.5 db	<ul style="list-style-type: none">Name: 8_5dBorder: 18Value: 2
9 db	<ul style="list-style-type: none">Name: 9dBorder: 19Value: 21
9.5 db	<ul style="list-style-type: none">Name: 9_5dBorder: 20Value: 7

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Table 406-94 IkeAuthMethodEnum

Name	Value
Certificates	<ul style="list-style-type: none">Name: certificatesValue: 1
Pre Shared Keys	<ul style="list-style-type: none">Name: preSharedKeysValue: 0

Table 406-95 ImplicitReleaseAfterEnum

Name	Value
E2	<ul style="list-style-type: none">Name: e2Value: 0
E3	<ul style="list-style-type: none">Name: e3Value: 1
E4	<ul style="list-style-type: none">Name: e4Value: 2
E8	<ul style="list-style-type: none">Name: e8Value: 3

Table 406-96 IntegrityProtectionAlgoEnum

Name	Value
128 - EPS Integrity Algorithm 1	<ul style="list-style-type: none">Name: 128_eia1Value: 0
128 - EPS Integrity Algorithm 2	<ul style="list-style-type: none">Name: 128_eia2Value: 1
Eia0	<ul style="list-style-type: none">Name: eia0Value: 2

Table 406-97 IntraFrequencyReselectionEnum

Name	Value
Allowed	<ul style="list-style-type: none"> Name: allowed Value: 0
Not Allowed	<ul style="list-style-type: none"> Name: notAllowed Value: 1

Table 406-98 IpConfigModeEnum

Name	Value
Automatic	<ul style="list-style-type: none"> Name: automatic Value: 1
Provisioned	<ul style="list-style-type: none"> Name: provisioned Value: 0

Table 406-99 IpFormat

Name	Value
IPv4	<ul style="list-style-type: none"> Name: IPv4 Value: 0
IPv6	<ul style="list-style-type: none"> Name: IPv6 Value: 1

Table 406-100 IpFormatEnum

Name	Value
IPv4	<ul style="list-style-type: none"> Name: IPv4 Value: 0
IPv6	<ul style="list-style-type: none"> Name: IPv6 Value: 1

Table 406-101 IPsecPolicyEnum

Name	Value
Integrityprotection	<ul style="list-style-type: none"> Name: integrityprotection Value: 3
Integrityprotectionandencrypted	<ul style="list-style-type: none"> Name: integrityprotectionandencrypted Value: 4

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Name	Value
No IPsec	<ul style="list-style-type: none">Name: no_IPsecValue: 1
S1 C And UP And X2 C And UP Protected	<ul style="list-style-type: none">Name: S1_C_and_UP_and_X2_C_and_UP_protectedValue: 2
S1 C and X2 C Protected	<ul style="list-style-type: none">Name: S1_C_and_X2_C_protectedValue: 0

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Table 406-102 IsInterTransmissionModeSwitchingEnabledEnum

Name	Value
Disabled	<ul style="list-style-type: none">Name: disabledValue: 0
TM234switchingenabled	<ul style="list-style-type: none">Name: TM234switchingenabledValue: 1
TM378switchingenaled	<ul style="list-style-type: none">Name: TM378switchingenaledValue: 2

Table 406-103 IsLabelSupportedEnum

Name	Value
Not Supported	<ul style="list-style-type: none">Name: NotSupportedValue: 0
Supported	<ul style="list-style-type: none">Name: SupportedValue: 1

Table 406-104 L1ReceiverMethodEnum

Name	Value
Adaptive	<ul style="list-style-type: none">Name: adaptiveValue: 2
Irc	<ul style="list-style-type: none">Name: ircValue: 1
Mrc	<ul style="list-style-type: none">Name: mrcValue: 0

Table 406-105 LogicalChannelPrioritizedBitRateEnum

Name	Value
0 kB/s	<ul style="list-style-type: none"> Name: kBps0 order: 1 Value: 7
128 kB/s	<ul style="list-style-type: none"> Name: kBps128 order: 6 Value: 4
16 kB/s	<ul style="list-style-type: none"> Name: kBps16 order: 3 Value: 0
256 kB/s	<ul style="list-style-type: none"> Name: kBps256 order: 7 Value: 6
32 kB/s	<ul style="list-style-type: none"> Name: kBps32 order: 4 Value: 1
64 kB/s	<ul style="list-style-type: none"> Name: kBps64 order: 5 Value: 3
8 kB/s	<ul style="list-style-type: none"> Name: kBps8 order: 2 Value: 2
Infinity	<ul style="list-style-type: none"> Name: infinity order: 8 Value: 5

Table 406-106 LteDscpName

Name	Value
af11	<ul style="list-style-type: none"> Name: af11
af12	<ul style="list-style-type: none"> Name: af12
af13	<ul style="list-style-type: none"> Name: af13
af21	<ul style="list-style-type: none"> Name: af21
af22	<ul style="list-style-type: none"> Name: af22
af23	<ul style="list-style-type: none"> Name: af23
af31	<ul style="list-style-type: none"> Name: af31
af32	<ul style="list-style-type: none"> Name: af32
af33	<ul style="list-style-type: none"> Name: af33
af41	<ul style="list-style-type: none"> Name: af41
af42	<ul style="list-style-type: none"> Name: af42
af43	<ul style="list-style-type: none"> Name: af43

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Name	Value
be	• Name: be
cp11	• Name: cp11
cp13	• Name: cp13
cp15	• Name: cp15
cp17	• Name: cp17
cp19	• Name: cp19
cp1	• Name: cp1
cp21	• Name: cp21
cp23	• Name: cp23
cp25	• Name: cp25
cp27	• Name: cp27
cp29	• Name: cp29
cp2	• Name: cp2
cp31	• Name: cp31
cp33	• Name: cp33
cp35	• Name: cp35
cp37	• Name: cp37
cp39	• Name: cp39
cp3	• Name: cp3
cp41	• Name: cp41
cp42	• Name: cp42
cp43	• Name: cp43
cp44	• Name: cp44
cp45	• Name: cp45
cp47	• Name: cp47
cp49	• Name: cp49
cp4	• Name: cp4
cp50	• Name: cp50
cp51	• Name: cp51
cp52	• Name: cp52
cp53	• Name: cp53
cp54	• Name: cp54
cp55	• Name: cp55
cp57	• Name: cp57
cp58	• Name: cp58
cp59	• Name: cp59
cp5	• Name: cp5

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Name	Value
cp60	• Name: cp60
cp61	• Name: cp61
cp62	• Name: cp62
cp63	• Name: cp63
cp6	• Name: cp6
cp7	• Name: cp7
cp9	• Name: cp9
cs1	• Name: cs1
cs2	• Name: cs2
cs3	• Name: cs3
cs4	• Name: cs4
cs5	• Name: cs5
ef	• Name: ef
nc1	• Name: nc1
nc2	• Name: nc2
none	• Name: none

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Table 406-107 LteFcName

Name	Value
af	• Name: af
be	• Name: be
ef	• Name: ef
h1	• Name: h1
h2	• Name: h2
l1	• Name: l1
l2	• Name: l2
nc	• Name: nc
none	• Name: none • selectable: no

Table 406-108 LteQciProfile

Name	Value
Apply CIR	• Name: applyCir • Value: 3

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Name	Value
In	<ul style="list-style-type: none">Name: inValue: 1
None	<ul style="list-style-type: none">Name: noneValue: 0
Out	<ul style="list-style-type: none">Name: outValue: 2

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Table 406-109 LteRedundancy

Name	Value
Many-to-one	<ul style="list-style-type: none">Name: manyToOneselectable: noValue: 2
No Redundancy	<ul style="list-style-type: none">Name: noneValue: 0
One-to-one	<ul style="list-style-type: none">Name: oneToOneValue: 1

Table 406-110 MacContentionResolutionTimerEnum

Name	Value
Sf 16	<ul style="list-style-type: none">Name: sf16Value: 6
Sf 24	<ul style="list-style-type: none">Name: sf24Value: 3
Sf 32	<ul style="list-style-type: none">Name: sf32Value: 5
Sf 40	<ul style="list-style-type: none">Name: sf40Value: 7
Sf 48	<ul style="list-style-type: none">Name: sf48Value: 1
Sf 56	<ul style="list-style-type: none">Name: sf56Value: 2
Sf 64	<ul style="list-style-type: none">Name: sf64Value: 0
Sf 8	<ul style="list-style-type: none">Name: sf8Value: 4

Table 406-111 MaxHARQtxEnum

Name	Value
n1	<ul style="list-style-type: none"> Name: n1 Value: 0
n2	<ul style="list-style-type: none"> Name: n2 Value: 4
n3	<ul style="list-style-type: none"> Name: n3 Value: 3
n4	<ul style="list-style-type: none"> Name: n4 Value: 2
n5	<ul style="list-style-type: none"> Name: n5 Value: 1

Table 406-112 MaxNbOfDataBearersPerUeEnum

Name	Value
1	<ul style="list-style-type: none"> Name: 1 Value: 0
2	<ul style="list-style-type: none"> Name: 2 Value: 1
3	<ul style="list-style-type: none"> Name: 3 Value: 2
4	<ul style="list-style-type: none"> Name: 4 Value: 3
5	<ul style="list-style-type: none"> Name: 5 Value: 4
6	<ul style="list-style-type: none"> Name: 6 Value: 5
7	<ul style="list-style-type: none"> Name: 7 Value: 6
8	<ul style="list-style-type: none"> Name: 8 Value: 7

Table 406-113 MaxNbPlmnForMocnLicenseEnum

Name	Value
2	<ul style="list-style-type: none"> Name: 2 Value: 1
Disabled	<ul style="list-style-type: none"> Name: disabled Value: 0

Table 406-114 MaxRetxThresholdEnum

Name	Value
1 Retransmission	<ul style="list-style-type: none"> • Name: t1 • order: 1 • Value: 2
16 Retransmissions	<ul style="list-style-type: none"> • Name: t16 • order: 7 • Value: 5
2 Retransmissions	<ul style="list-style-type: none"> • Name: t2 • order: 2 • Value: 1
3 Retransmissions	<ul style="list-style-type: none"> • Name: t3 • order: 3 • Value: 0
32 Retransmissions	<ul style="list-style-type: none"> • Name: t32 • order: 8 • Value: 3
4 Retransmissions	<ul style="list-style-type: none"> • Name: t4 • order: 4 • Value: 4
6 Retransmissions	<ul style="list-style-type: none"> • Name: t6 • order: 5 • Value: 6
8 Retransmissions	<ul style="list-style-type: none"> • Name: t8 • order: 6 • Value: 7

Table 406-115 MaxTransportFiberDelayLengthCategoryEnum

Name	Value
Fifteen Km	<ul style="list-style-type: none"> • Name: fifteenKm • Value: 3
No Fiber	<ul style="list-style-type: none"> • Name: noFiber • Value: 2
Ten Km	<ul style="list-style-type: none"> • Name: tenKm • Value: 0
Twenty Km	<ul style="list-style-type: none"> • Name: twentyKm • Value: 1

Table 406-116 McchModificationPeriodEnum

Name	Value
Rf1024	<ul style="list-style-type: none"> Name: rf1024 Value: 1
Rf512	<ul style="list-style-type: none"> Name: rf512 Value: 0

Table 406-117 McchRepetitionPeriodEnum

Name	Value
Rf128	<ul style="list-style-type: none"> Name: rf128 Value: 2
Rf256	<ul style="list-style-type: none"> Name: rf256 Value: 3
Rf32	<ul style="list-style-type: none"> Name: rf32 Value: 0
Rf64	<ul style="list-style-type: none"> Name: rf64 Value: 1

Table 406-118 MchSchedulingPeriodEnum

Name	Value
Rf1024	<ul style="list-style-type: none"> Name: rf1024 Value: 7
Rf128	<ul style="list-style-type: none"> Name: rf128 Value: 4
Rf16	<ul style="list-style-type: none"> Name: rf16 Value: 1
Rf256	<ul style="list-style-type: none"> Name: rf256 Value: 5
Rf32	<ul style="list-style-type: none"> Name: rf32 Value: 2
Rf512	<ul style="list-style-type: none"> Name: rf512 Value: 6
Rf64	<ul style="list-style-type: none"> Name: rf64 Value: 3
Rf8	<ul style="list-style-type: none"> Name: rf8 Value: 0

Table 406-119 MeasQuantityCdma2000Enum

Name	Value
Pilot Pn Phase And Pilot Strength	<ul style="list-style-type: none">• Name: pilotPnPhaseAndPilotStrength• Value: 1
Pilot Strength	<ul style="list-style-type: none">• Name: pilotStrength• Value: 0

Table 406-120 MeasQuantityGERANEnum

Name	Value
RSSI	<ul style="list-style-type: none">• Name: rssi• Value: 0

Table 406-121 MeasQuantityUtraFddEnum

Name	Value
Cpich EcN0	<ul style="list-style-type: none">• Name: cpichEcN0• Value: 1
Cpich RSCP	<ul style="list-style-type: none">• Name: cpichRSCP• Value: 0

Table 406-122 MeasQuantityUtraTddEnum

Name	Value
Pccpch-RSCP	<ul style="list-style-type: none">• Name: pccpch_RSCP• Value: 0

Table 406-123 MeasurementBandwidthEnum

Name	Value
Mbw 100	<ul style="list-style-type: none">• Name: mbw100• order: 6• Value: 0
Mbw 15	<ul style="list-style-type: none">• Name: mbw15• order: 2• Value: 2

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Name	Value
Mbw 25	<ul style="list-style-type: none"> Name: mbw25 order: 3 Value: 5
Mbw 50	<ul style="list-style-type: none"> Name: mbw50 order: 4 Value: 4
Mbw 6	<ul style="list-style-type: none"> Name: mbw6 order: 1 Value: 3
Mbw 75	<ul style="list-style-type: none"> Name: mbw75 order: 5 Value: 1

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Table 406-124 MeasurementGapPatternEnum

Name	Value
Length 6 ms - period 40 ms	<ul style="list-style-type: none"> Name: length6ms_period40ms Value: 0
Length 6 ms - period 80 ms	<ul style="list-style-type: none"> Name: length6ms_period80ms Value: 1

Table 406-125 MeasurementPurposeEnum

Name	Value
Activation Of Measurement Gap	<ul style="list-style-type: none"> Name: Activation_Of_Measurement_Gap Value: 11
Automatic Neighbor Relation	<ul style="list-style-type: none"> Name: Automatic_Neighbor_Relation Value: 24
Automatic Neighbour Relation	<ul style="list-style-type: none"> Name: Automatic_Neighbour_Relation Value: 5
Below Serving Floor	<ul style="list-style-type: none"> Name: Below_Serving_Floor Value: 27
Blind PS Handover To UTRAN FDD	<ul style="list-style-type: none"> Name: Blind_PS_Handover_To_UTRA_FDD Value: 8
Blind PS Handover To UTRAN TDD	<ul style="list-style-type: none"> Name: Blind_PS_Handover_To_UTRA_TDD Value: 18
Blind Redirection To 3GPP RAT Or PS Handover To UTRAN FDD	<ul style="list-style-type: none"> Name: Blind_Redirection_To_3GPP_RAT_Or_PS_Handover_To_UTRA_FDD Value: 0
Blind Redirection To 3GPP RAT Or PS Handover To UTRAN TDD	<ul style="list-style-type: none"> Name: Blind_Redirection_To_3GPP_RAT_Or_PS_Handover_To_UTRA_TDD Value: 19

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Name	Value
Blind Redirection To 3GPP RAT	<ul style="list-style-type: none"> Name: Blind_Redirection_To_3GPP_RAT Value: 7
Blind Redirection To Inter Freq	<ul style="list-style-type: none"> Name: Blind_Redirection_To_Inter_Freq Value: 17
Deactivation Of Measurement Gap	<ul style="list-style-type: none"> Name: Deactivation_Of_Measurement_Gap Value: 9
Entering Coverage Alarm	<ul style="list-style-type: none"> Name: Entering_Coverage_Alarm Value: 26
Inter Frequency Handover Trigger	<ul style="list-style-type: none"> Name: Inter_frequency_handover_trigger Value: 16
Intra-frequency Handover Trigger	<ul style="list-style-type: none"> Name: Intra_frequency_handover_trigger Value: 2
Leaving Coverage Alarm	<ul style="list-style-type: none"> Name: Leaving_Coverage_Alarm Value: 25
Measurement Cell Change Order To GERAN	<ul style="list-style-type: none"> Name: Meas_CellChangeOrder_To_GERAN Value: 12
Measurement PS Handover To UTRAN FDD	<ul style="list-style-type: none"> Name: Meas_PS_Handover_To_UTRA_FDD Value: 10
Measurement PS Handover To UTRAN TDD	<ul style="list-style-type: none"> Name: Meas_PS_Handover_To_UTRA_TDD Value: 20
Measurement Redirection Or Cell Change Order To GERAN	<ul style="list-style-type: none"> Name: Meas_Redirection_Or_CellChangeOrder_To_GERAN Value: 15
Measurement Redirection Or PS Handover To UTRAN FDD	<ul style="list-style-type: none"> Name: Meas_Redirection_Or_PS_Handover_To_UTRA_FDD Value: 1
Measurement Redirection Or PS Handover To UTRAN TDD	<ul style="list-style-type: none"> Name: Meas_Redirection_Or_PS_Handover_To_UTRA_TDD Value: 21
Measurement Redirection To GERAN	<ul style="list-style-type: none"> Name: Meas_Redirection_To_GERAN Value: 4
Measurement Redirection To UTRAN FDD	<ul style="list-style-type: none"> Name: Meas_Redirection_To_UTRA_FDD Value: 3
Measurement Redirection To UTRAN TDD	<ul style="list-style-type: none"> Name: Meas_Redirection_To_UTRA_TDD Value: 6
Mobility Inter-Frequency to EUTRAN	<ul style="list-style-type: none"> Name: Mobility_Inter_Freq_to_EUTRA Value: 30
Mobility Inter-RAT to GERAN	<ul style="list-style-type: none"> Name: Mobility_Inter_RAT_to_GERAN Value: 29
Mobility Inter-RAT to HRPD	<ul style="list-style-type: none"> Name: Mobility_Inter_RAT_to_HRPD Value: 23
Mobility Inter-RAT to UTRAN	<ul style="list-style-type: none"> Name: Mobility_Inter_RAT_to_UTRA Value: 28
Mobility Intra-Frequency	<ul style="list-style-type: none"> Name: Mobility_Intra_Freq Value: 22
Redirection to HRPD via Event A2	<ul style="list-style-type: none"> Name: Redirection_to_HRPD_via_Event_A2 Value: 14

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Name	Value
Report CGI	<ul style="list-style-type: none"> Name: Report_CGI Value: 13
Report- Strongest- Cells- For- SON	<ul style="list-style-type: none"> Name: Report_Strongest_Cells_For_SON Value: 31

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Table 406-126 MgGroupCardRoleEnum

Name	Value
Inactive	<ul style="list-style-type: none"> Name: unavailable selectable: no Value: 0
Protect	<ul style="list-style-type: none"> Name: protect Value: 2
undefined	<ul style="list-style-type: none"> Name: undefined selectable: no Value: -1
Working	<ul style="list-style-type: none"> Name: working Value: 1

Table 406-127 MIMOModeEnum

Name	Value
CI MIMO Only	<ul style="list-style-type: none"> Name: ciMimoOnly Value: 0
Close Loop Allowed	<ul style="list-style-type: none"> Name: closeLoopAllowed Value: 6
Close Loop Only	<ul style="list-style-type: none"> Name: closeLoopOnly Value: 2
MIMO Allowed	<ul style="list-style-type: none"> Name: mimoAllowed Value: 4
MIMO Not Allowed	<ul style="list-style-type: none"> Name: mimoNotAllowed Value: 3
MIMO Two Layers Allowed	<ul style="list-style-type: none"> Name: mimoTwoLayersAllowed Value: 9
MIMO Two Layers Not Allowed	<ul style="list-style-type: none"> Name: mimoTwoLayersNotAllowed Value: 8
Tx Div Only	<ul style="list-style-type: none"> Name: txDivOnly Value: 7
Tx Div Or CI MIMO	<ul style="list-style-type: none"> Name: txDivOrCiMimo Value: 1

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Name	Value
Tx Div Or Ol MIMO	<ul style="list-style-type: none">• Name: txDivOrOlMimo• Value: 5

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Table 406-128 MMEPriority

Name	Value
Primary	<ul style="list-style-type: none">• Name: primary• Value: 0
Secondary	<ul style="list-style-type: none">• Name: secondary• Value: 1

Table 406-129 MobileCountryCode

Name	Value
0 - Default	<ul style="list-style-type: none">• Name: default• order: 1• selectable: no• Value: 0
202 - Greece	<ul style="list-style-type: none">• Name: gr• order: 80• Value: 202
204 - Netherlands	<ul style="list-style-type: none">• Name: nl• order: 147• Value: 204
206 - Belgium	<ul style="list-style-type: none">• Name: be• order: 22• Value: 206
208 - France	<ul style="list-style-type: none">• Name: fr• order: 72• Value: 208
212 - Monaco	<ul style="list-style-type: none">• Name: mc• order: 137• Value: 212
213 - Andorra	<ul style="list-style-type: none">• Name: ad• order: 7• Value: 213
214 - Spain	<ul style="list-style-type: none">• Name: es• order: 191• Value: 214
216 - Hungary	<ul style="list-style-type: none">• Name: hu• order: 92• Value: 216

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Name	Value
218 - Bosnia and Herzegovina	<ul style="list-style-type: none"> • Name: ba • order: 28 • Value: 218
219 - Croatia	<ul style="list-style-type: none"> • Name: hr • order: 51 • Value: 219
220 - Serbia (Republic of)	<ul style="list-style-type: none"> • Name: rs • order: 182 • Value: 220
222 - Italy	<ul style="list-style-type: none"> • Name: it • order: 101 • Value: 222
225 - Vatican City State	<ul style="list-style-type: none"> • Name: va • order: 228 • Value: 225
226 - Romania	<ul style="list-style-type: none"> • Name: ro • order: 170 • Value: 226
228 - Switzerland	<ul style="list-style-type: none"> • Name: ch • order: 197 • Value: 228
230 - Czech Republic	<ul style="list-style-type: none"> • Name: cz • order: 54 • Value: 230
231 - Slovakia	<ul style="list-style-type: none"> • Name: sk • order: 186 • Value: 231
232 - Austria	<ul style="list-style-type: none"> • Name: at • order: 15 • Value: 232
234 - United Kingdom (2)	<ul style="list-style-type: none"> • Name: gb2 • order: 216 • Value: 234
235 - United Kingdom (1)	<ul style="list-style-type: none"> • Name: gb1 • order: 215 • Value: 235
238 - Denmark	<ul style="list-style-type: none"> • Name: dk • order: 56 • Value: 238
240 - Sweden	<ul style="list-style-type: none"> • Name: se • order: 196 • Value: 240
242 - Norway	<ul style="list-style-type: none"> • Name: no • order: 155 • Value: 242

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Name	Value
244 - Finland	<ul style="list-style-type: none"> • Name: fi • order: 71 • Value: 244
246 - Lithuania	<ul style="list-style-type: none"> • Name: lt • order: 120 • Value: 246
247 - Latvia	<ul style="list-style-type: none"> • Name: lv • order: 114 • Value: 247
248 - Estonia	<ul style="list-style-type: none"> • Name: ee • order: 66 • Value: 248
250 - Russian Federation	<ul style="list-style-type: none"> • Name: ru • order: 171 • Value: 250
255 - Ukraine	<ul style="list-style-type: none"> • Name: ua • order: 211 • Value: 255
257 - Belarus	<ul style="list-style-type: none"> • Name: by • order: 21 • Value: 257
259 - Moldova	<ul style="list-style-type: none"> • Name: md • order: 136 • Value: 259
260 - Poland	<ul style="list-style-type: none"> • Name: pl • order: 165 • Value: 260
262 - Germany	<ul style="list-style-type: none"> • Name: de • order: 77 • Value: 262
266 - Gibraltar (UK)	<ul style="list-style-type: none"> • Name: gi • order: 79 • Value: 266
268 - Portugal	<ul style="list-style-type: none"> • Name: pt • order: 166 • Value: 268
270 - Luxembourg	<ul style="list-style-type: none"> • Name: lu • order: 121 • Value: 270
272 - Ireland	<ul style="list-style-type: none"> • Name: ie • order: 99 • Value: 272
274 - Iceland	<ul style="list-style-type: none"> • Name: is • order: 93 • Value: 274

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Name	Value
276 - Albania	<ul style="list-style-type: none"> Name: al order: 4 Value: 276
278 - Malta	<ul style="list-style-type: none"> Name: mt order: 129 Value: 278
280 - Cyprus	<ul style="list-style-type: none"> Name: cy order: 53 Value: 280
282 - Georgia	<ul style="list-style-type: none"> Name: ge order: 76 Value: 282
283 - Armenia	<ul style="list-style-type: none"> Name: am order: 12 Value: 283
284 - Bulgaria	<ul style="list-style-type: none"> Name: bg order: 33 Value: 284
286 - Turkey	<ul style="list-style-type: none"> Name: tr order: 207 Value: 286
288 - Faroe Islands (Denmark)	<ul style="list-style-type: none"> Name: fo order: 69 Value: 288
289 - Abkhazia (Georgia)	<ul style="list-style-type: none"> Name: ak order: 2 Value: 289
290 - Greenland (Denmark)	<ul style="list-style-type: none"> Name: gl order: 81 Value: 290
292 - San Marino	<ul style="list-style-type: none"> Name: sm order: 178 Value: 292
293 - Slovenia	<ul style="list-style-type: none"> Name: si order: 187 Value: 293
294 - Republic of Macedonia	<ul style="list-style-type: none"> Name: mk order: 123 Value: 294
295 - Liechtenstein	<ul style="list-style-type: none"> Name: li order: 119 Value: 295
297 - Montenegro (Republic of)	<ul style="list-style-type: none"> Name: me order: 139 Value: 297

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Name	Value
302 - Canada	<ul style="list-style-type: none"> Name: ca order: 38 Value: 302
308 - Saint Pierre et Miquelon (France)	<ul style="list-style-type: none"> Name: pm order: 175 Value: 308
310 - United States of America (1)	<ul style="list-style-type: none"> Name: us1 order: 217 Value: 310
311 - United States of America (2)	<ul style="list-style-type: none"> Name: us2 order: 218 Value: 311
312 - United States of America (3)	<ul style="list-style-type: none"> Name: us3 order: 219 Value: 312
313 - United States of America (4)	<ul style="list-style-type: none"> Name: us4 order: 220 Value: 313
314 - United States of America (5)	<ul style="list-style-type: none"> Name: us5 order: 221 Value: 314
315 - United States of America (6)	<ul style="list-style-type: none"> Name: us6 order: 222 Value: 315
316 - United States of America (7)	<ul style="list-style-type: none"> Name: us7 order: 223 Value: 316
330 - Puerto Rico (US)	<ul style="list-style-type: none"> Name: pr order: 167 Value: 330
332 - United States Virgin Islands (US)	<ul style="list-style-type: none"> Name: vi order: 224 Value: 332
334 - Mexico	<ul style="list-style-type: none"> Name: mx order: 134 Value: 334
338 - Jamaica	<ul style="list-style-type: none"> Name: jm order: 102 Value: 338
340 - Guadeloupe et Martinique (France)	<ul style="list-style-type: none"> Name: gp order: 83 Value: 340
342 - Barbados	<ul style="list-style-type: none"> Name: bb order: 20 Value: 342

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Name	Value
344 - Antigua and Barbuda	<ul style="list-style-type: none"> Name: ag order: 10 Value: 344
346 - Cayman Islands (UK)	<ul style="list-style-type: none"> Name: ky order: 40 Value: 346
348 - British Virgin Islands (UK)	<ul style="list-style-type: none"> Name: vg order: 31 Value: 348
350 - Bermuda (UK)	<ul style="list-style-type: none"> Name: bm order: 25 Value: 350
353 - Grenada	<ul style="list-style-type: none"> Name: gd order: 82 Value: 352
354 - Montserrat (UK)	<ul style="list-style-type: none"> Name: ms order: 140 Value: 354
356 - Saint Kitts and Nevis	<ul style="list-style-type: none"> Name: kn order: 173 Value: 356
358 - Saint Lucia	<ul style="list-style-type: none"> Name: lc order: 174 Value: 358
360 - Saint Vincent and the Grenadines	<ul style="list-style-type: none"> Name: vc order: 176 Value: 360
362 - Netherlands Antilles (Netherlands)	<ul style="list-style-type: none"> Name: an order: 148 Value: 362
363 - Aruba (Netherlands)	<ul style="list-style-type: none"> Name: aw order: 13 Value: 363
364 - Bahamas	<ul style="list-style-type: none"> Name: bs order: 17 Value: 364
365 - Anguilla	<ul style="list-style-type: none"> Name: ai order: 9 Value: 365
366 - Dominica	<ul style="list-style-type: none"> Name: dm order: 58 Value: 366
368 - Cuba	<ul style="list-style-type: none"> Name: cu order: 52 Value: 368

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Name	Value
370 - Dominican Republic	<ul style="list-style-type: none"> • Name: do • order: 59 • Value: 370
372 - Haiti	<ul style="list-style-type: none"> • Name: ht • order: 89 • Value: 372
374 - Trinidad and Tobago	<ul style="list-style-type: none"> • Name: tt • order: 205 • Value: 374
376 - Turks and Caicos Islands (UK)	<ul style="list-style-type: none"> • Name: tc • order: 209 • Value: 376
400 - Azerbaijani Republic	<ul style="list-style-type: none"> • Name: az • order: 16 • Value: 400
401 - Kazakhstan	<ul style="list-style-type: none"> • Name: kz • order: 106 • Value: 401
402 - Bhutan	<ul style="list-style-type: none"> • Name: bt • order: 26 • Value: 402
404 - India (1)	<ul style="list-style-type: none"> • Name: in1 • order: 94 • Value: 404
405 - India (2)	<ul style="list-style-type: none"> • Name: in2 • order: 95 • Value: 405
410 - Pakistan	<ul style="list-style-type: none"> • Name: pk • order: 157 • Value: 410
412 - Afghanistan	<ul style="list-style-type: none"> • Name: af • order: 3 • Value: 412
413 - Sri Lanka	<ul style="list-style-type: none"> • Name: lk • order: 192 • Value: 413
414 - Myanmar	<ul style="list-style-type: none"> • Name: mm • order: 143 • Value: 414
415 - Lebanon	<ul style="list-style-type: none"> • Name: lb • order: 115 • Value: 415
416 - Jordan	<ul style="list-style-type: none"> • Name: jo • order: 105 • Value: 416

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Name	Value
417 - Syria	<ul style="list-style-type: none"> Name: sy order: 198 Value: 417
418 - Iraq	<ul style="list-style-type: none"> Name: iq order: 98 Value: 418
419 - Kuwait	<ul style="list-style-type: none"> Name: kw order: 111 Value: 419
420 - Saudi Arabia	<ul style="list-style-type: none"> Name: sa order: 180 Value: 420
421 - Yemen	<ul style="list-style-type: none"> Name: ye order: 232 Value: 421
422 - Oman	<ul style="list-style-type: none"> Name: om order: 156 Value: 422
423 - Palestine	<ul style="list-style-type: none"> Name: ps order: 159 Value: 423
424 - United Arab Emirates	<ul style="list-style-type: none"> Name: ae1 order: 212 Value: 424
425 - Israel	<ul style="list-style-type: none"> Name: il order: 100 Value: 425
426 - Bahrain	<ul style="list-style-type: none"> Name: bh order: 18 Value: 426
427 - Qatar	<ul style="list-style-type: none"> Name: qa order: 168 Value: 427
428 - Mongolia	<ul style="list-style-type: none"> Name: mn order: 138 Value: 428
429 - Nepal	<ul style="list-style-type: none"> Name: np order: 146 Value: 429
430 - United Arab Emirates (Abu Dhabi)	<ul style="list-style-type: none"> Name: ae2 order: 213 Value: 430
431 - United Arab Emirates (Dubai)	<ul style="list-style-type: none"> Name: ae3 order: 214 Value: 431

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Name	Value
432 - Iran	<ul style="list-style-type: none"> • Name: ir • order: 97 • Value: 432
434 - Uzbekistan	<ul style="list-style-type: none"> • Name: uz • order: 226 • Value: 434
436 - Tajikistan	<ul style="list-style-type: none"> • Name: tj • order: 200 • Value: 436
437 - Kyrgyz Republic	<ul style="list-style-type: none"> • Name: kg • order: 112 • Value: 437
438 - Turkmenistan	<ul style="list-style-type: none"> • Name: tm • order: 208 • Value: 438
440 - Japan (2)	<ul style="list-style-type: none"> • Name: jp2 • order: 104 • Value: 440
441 - Japan (1)	<ul style="list-style-type: none"> • Name: jp1 • order: 103 • Value: 441
450 - Korea, South	<ul style="list-style-type: none"> • Name: kr • order: 110 • Value: 450
452 - Viet Nam	<ul style="list-style-type: none"> • Name: vn • order: 230 • Value: 452
454 - Hong Kong (PRC)	<ul style="list-style-type: none"> • Name: hk • order: 91 • Value: 454
455 - Macau (PRC)	<ul style="list-style-type: none"> • Name: mo • order: 122 • Value: 455
456 - Cambodia	<ul style="list-style-type: none"> • Name: kh • order: 36 • Value: 456
457 - Laos	<ul style="list-style-type: none"> • Name: la • order: 113 • Value: 457
460 - China	<ul style="list-style-type: none"> • Name: cn • order: 44 • Value: 460
466 - Taiwan	<ul style="list-style-type: none"> • Name: tw • order: 199 • Value: 466

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Name	Value
467 - Korea, North	<ul style="list-style-type: none"> Name: kp order: 109 Value: 467
470 - Bangladesh	<ul style="list-style-type: none"> Name: bd order: 19 Value: 470
472 - Maldives	<ul style="list-style-type: none"> Name: mv order: 127 Value: 472
502 - Malaysia	<ul style="list-style-type: none"> Name: my order: 126 Value: 502
505 - Australia	<ul style="list-style-type: none"> Name: au order: 14 Value: 505
510 - Indonesia	<ul style="list-style-type: none"> Name: id order: 96 Value: 510
514 - East Timor	<ul style="list-style-type: none"> Name: tl order: 60 Value: 514
515 - Philippines	<ul style="list-style-type: none"> Name: ph order: 164 Value: 515
520 - Thailand	<ul style="list-style-type: none"> Name: th order: 202 Value: 520
525 - Singapore	<ul style="list-style-type: none"> Name: sg order: 185 Value: 525
528 - Brunei Darussalam	<ul style="list-style-type: none"> Name: bn order: 32 Value: 528
530 - New Zealand	<ul style="list-style-type: none"> Name: nz order: 150 Value: 530
534 - Northern Mariana Islands (US)	<ul style="list-style-type: none"> Name: mp order: 154 Value: 534
535 - Guam (US)	<ul style="list-style-type: none"> Name: gu order: 84 Value: 535
536 - Nauru	<ul style="list-style-type: none"> Name: nr order: 145 Value: 536

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Name	Value
537 - Papua New Guinea	<ul style="list-style-type: none"> Name: pg order: 161 Value: 537
539 - Tonga	<ul style="list-style-type: none"> Name: to order: 204 Value: 539
540 - Solomon Islands	<ul style="list-style-type: none"> Name: sb order: 188 Value: 540
541 - Vanuatu	<ul style="list-style-type: none"> Name: vu order: 227 Value: 541
542 - Fiji	<ul style="list-style-type: none"> Name: fj order: 70 Value: 542
543 - Wallis et Futuna (France)	<ul style="list-style-type: none"> Name: wf order: 231 Value: 543
544 - American Samoa (US)	<ul style="list-style-type: none"> Name: as order: 6 Value: 544
545 - Kiribati	<ul style="list-style-type: none"> Name: ki order: 108 Value: 545
546 - New Caledonia (France)	<ul style="list-style-type: none"> Name: nc order: 149 Value: 546
547 - French Polynesia (France)	<ul style="list-style-type: none"> Name: pf order: 73 Value: 547
548 - Cook Islands (NZ)	<ul style="list-style-type: none"> Name: ck order: 48 Value: 548
549 - Samoa	<ul style="list-style-type: none"> Name: ws order: 177 Value: 549
550 - Federated States of Micronesia	<ul style="list-style-type: none"> Name: fm order: 135 Value: 550
551 - Marshall Islands	<ul style="list-style-type: none"> Name: mh order: 130 Value: 551
552 - Palau	<ul style="list-style-type: none"> Name: pw order: 158 Value: 552

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Name	Value
602 - Egypt	<ul style="list-style-type: none"> Name: eg order: 62 Value: 602
603 - Algeria	<ul style="list-style-type: none"> Name: dz order: 5 Value: 603
604 - Morocco	<ul style="list-style-type: none"> Name: ma order: 141 Value: 604
605 - Tunisia	<ul style="list-style-type: none"> Name: tn order: 206 Value: 605
606 - Libya	<ul style="list-style-type: none"> Name: ly order: 118 Value: 606
607 - Gambia	<ul style="list-style-type: none"> Name: gm order: 75 Value: 607
608 - Senegal	<ul style="list-style-type: none"> Name: sn order: 181 Value: 608
609 - Mauritania	<ul style="list-style-type: none"> Name: mr order: 132 Value: 609
610 - Mali	<ul style="list-style-type: none"> Name: ml order: 128 Value: 610
611 - Guinea	<ul style="list-style-type: none"> Name: gn order: 86 Value: 611
612 - Cote d'Ivoire	<ul style="list-style-type: none"> Name: ci order: 50 Value: 612
613 - Burkina Faso	<ul style="list-style-type: none"> Name: bf order: 34 Value: 613
614 - Niger	<ul style="list-style-type: none"> Name: ne order: 152 Value: 614
615 - Togolese Republic	<ul style="list-style-type: none"> Name: tg order: 203 Value: 615
616 - Benin	<ul style="list-style-type: none"> Name: bj order: 24 Value: 616

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Name	Value
617 - Mauritius	<ul style="list-style-type: none"> • Name: mu • order: 133 • Value: 617
618 - Liberia	<ul style="list-style-type: none"> • Name: lr • order: 117 • Value: 618
619 - Sierra Leone	<ul style="list-style-type: none"> • Name: sl • order: 184 • Value: 619
620 - Ghana	<ul style="list-style-type: none"> • Name: gh • order: 78 • Value: 620
621 - Nigeria	<ul style="list-style-type: none"> • Name: ng • order: 153 • Value: 621
622 - Chad	<ul style="list-style-type: none"> • Name: td • order: 42 • Value: 622
623 - Central African Republic	<ul style="list-style-type: none"> • Name: cf • order: 41 • Value: 623
624 - Cameroon	<ul style="list-style-type: none"> • Name: cm • order: 37 • Value: 624
625 - Cape Verde	<ul style="list-style-type: none"> • Name: cv • order: 39 • Value: 625
626 - Sao Tome and Principe	<ul style="list-style-type: none"> • Name: st • order: 179 • Value: 626
627 - Equatorial Guinea	<ul style="list-style-type: none"> • Name: gq • order: 64 • Value: 627
628 - Gabonese Republic	<ul style="list-style-type: none"> • Name: ga • order: 74 • Value: 628
629 - Republic of the Congo	<ul style="list-style-type: none"> • Name: cg • order: 47 • Value: 629
630 - Democratic Republic of the Congo	<ul style="list-style-type: none"> • Name: cd • order: 55 • Value: 630
631 - Angola	<ul style="list-style-type: none"> • Name: ao • order: 8 • Value: 631

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Name	Value
632 - Guinea-Bissau	<ul style="list-style-type: none"> Name: gw order: 87 Value: 632
633 - Seychelles	<ul style="list-style-type: none"> Name: sc order: 183 Value: 633
634 - Sudan	<ul style="list-style-type: none"> Name: sd order: 193 Value: 634
635 - Rwandese Republic	<ul style="list-style-type: none"> Name: rw order: 172 Value: 635
636 - Ethiopia	<ul style="list-style-type: none"> Name: et order: 67 Value: 636
637 - Somalia	<ul style="list-style-type: none"> Name: so order: 189 Value: 637
638 - Djibouti	<ul style="list-style-type: none"> Name: dj order: 57 Value: 638
639 - Kenya	<ul style="list-style-type: none"> Name: ke order: 107 Value: 639
640 - Tanzania	<ul style="list-style-type: none"> Name: tz order: 201 Value: 640
641 - Uganda	<ul style="list-style-type: none"> Name: ug order: 210 Value: 641
642 - Burundi	<ul style="list-style-type: none"> Name: bi order: 35 Value: 642
643 - Mozambique	<ul style="list-style-type: none"> Name: mz order: 142 Value: 643
645 - Zambia	<ul style="list-style-type: none"> Name: zm order: 233 Value: 645
646 - Madagascar	<ul style="list-style-type: none"> Name: mg order: 124 Value: 646
647 - Reunion (France)	<ul style="list-style-type: none"> Name: re order: 169 Value: 647

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Name	Value
648 - Zimbabwe	<ul style="list-style-type: none">• Name: zw• order: 234• Value: 648
649 - Namibia	<ul style="list-style-type: none">• Name: na• order: 144• Value: 649
650 - Malawi	<ul style="list-style-type: none">• Name: mw• order: 125• Value: 650
651 - Lesotho	<ul style="list-style-type: none">• Name: ls• order: 116• Value: 651
652 - Botswana	<ul style="list-style-type: none">• Name: bw• order: 29• Value: 652
653 - Swaziland	<ul style="list-style-type: none">• Name: sz• order: 195• Value: 653
654 - Comoros	<ul style="list-style-type: none">• Name: km• order: 46• Value: 654
655 - South Africa	<ul style="list-style-type: none">• Name: za• order: 190• Value: 655
657 - Eritrea	<ul style="list-style-type: none">• Name: er• order: 65• Value: 657
702 - Belize	<ul style="list-style-type: none">• Name: bz• order: 23• Value: 702
704 - Guatemala	<ul style="list-style-type: none">• Name: gt• order: 85• Value: 704
706 - El Salvador	<ul style="list-style-type: none">• Name: sv• order: 63• Value: 706
708 - Honduras	<ul style="list-style-type: none">• Name: hn• order: 90• Value: 708
710 - Nicaragua	<ul style="list-style-type: none">• Name: ni• order: 151• Value: 710
712 - Costa Rica	<ul style="list-style-type: none">• Name: cr• order: 49• Value: 712

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Name	Value
714 - Panama	<ul style="list-style-type: none"> Name: pa order: 160 Value: 714
716 - Peru	<ul style="list-style-type: none"> Name: pe order: 163 Value: 716
722 - Argentine Republic	<ul style="list-style-type: none"> Name: ar order: 11 Value: 722
724 - Brazil	<ul style="list-style-type: none"> Name: br order: 30 Value: 724
730 - Chile	<ul style="list-style-type: none"> Name: cl order: 43 Value: 730
732 - Colombia	<ul style="list-style-type: none"> Name: co order: 45 Value: 732
734 - Venezuela	<ul style="list-style-type: none"> Name: ve order: 229 Value: 734
736 - Bolivia	<ul style="list-style-type: none"> Name: bo order: 27 Value: 736
738 - Guyana	<ul style="list-style-type: none"> Name: gy order: 88 Value: 738
740 - Ecuador	<ul style="list-style-type: none"> Name: ec order: 61 Value: 740
742 - French Guiana (France)	<ul style="list-style-type: none"> Name: gf order: 72 Value: 742
744 - Paraguay	<ul style="list-style-type: none"> Name: py order: 162 Value: 744
746 - Suriname	<ul style="list-style-type: none"> Name: sr order: 194 Value: 746
748 - Uruguay	<ul style="list-style-type: none"> Name: uy order: 225 Value: 748
750 - Falkland Islands (Malvinas)	<ul style="list-style-type: none"> Name: fk order: 68 Value: 750

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Name	Value
Select Mobile Country Code	<ul style="list-style-type: none">• Name: select• order: 1• selectable: no• Value: 1

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Table 406-130 ModeConfEnum

Name	Value
FDD	<ul style="list-style-type: none">• Name: FDD• Value: 1
TDD	<ul style="list-style-type: none">• Name: TDD• Value: 0

Table 406-131 ModificationPeriodCoeffEnum

Name	Value
16 Paging Cycles	<ul style="list-style-type: none">• Name: n16• order: 4• Value: 3
2 Paging Cycles	<ul style="list-style-type: none">• Name: n2• order: 1• Value: 1
4 Paging Cycles	<ul style="list-style-type: none">• Name: n4• order: 2• Value: 0
8 Paging Cycles	<ul style="list-style-type: none">• Name: n8• order: 3• Value: 2

Table 406-132 MRIEEnum

Name	Value
16	<ul style="list-style-type: none">• Name: 16• order: 5• Value: 4
1	<ul style="list-style-type: none">• Name: 1• order: 1• Value: 0
2	<ul style="list-style-type: none">• Name: 2• order: 2• Value: 1

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Name	Value
32	<ul style="list-style-type: none"> Name: 32 order: 6 Value: 5
4	<ul style="list-style-type: none"> Name: 4 order: 3 Value: 2
8	<ul style="list-style-type: none"> Name: 8 order: 4 Value: 3

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Table 406-133 N310Enum

Name	Value
1 Consecutive Out-of-Sync	<ul style="list-style-type: none"> Name: n1 order: 1 Value: 1
10 Consecutive Out-of-Syncs	<ul style="list-style-type: none"> Name: n10 order: 7 Value: 0
2 Consecutive Out-of-Syncs	<ul style="list-style-type: none"> Name: n2 order: 2 Value: 5
20 Consecutive Out-of-Syncs	<ul style="list-style-type: none"> Name: n20 order: 8 Value: 2
3 Consecutive Out-of-Syncs	<ul style="list-style-type: none"> Name: n3 order: 3 Value: 4
4 Consecutive Out-of-Syncs	<ul style="list-style-type: none"> Name: n4 order: 4 Value: 3
6 Consecutive Out-of-Syncs	<ul style="list-style-type: none"> Name: n6 order: 5 Value: 7
8 Consecutive Out-of-Syncs	<ul style="list-style-type: none"> Name: n8 order: 6 Value: 6

Table 406-134 N311Enum

Name	Value
1 Consecutive In-Sync	<ul style="list-style-type: none"> Name: n1 order: 1 Value: 1
10 Consecutive In-Syncs	<ul style="list-style-type: none"> Name: n10 order: 8 Value: 0
2 Consecutive In-Syncs	<ul style="list-style-type: none"> Name: n2 order: 2 Value: 5
3 Consecutive In-Syncs	<ul style="list-style-type: none"> Name: n3 order: 3 Value: 4
4 Consecutive In-Syncs	<ul style="list-style-type: none"> Name: n4 order: 4 Value: 3
5 Consecutive In-Syncs	<ul style="list-style-type: none"> Name: n5 order: 5 Value: 2
6 Consecutive In-Syncs	<ul style="list-style-type: none"> Name: n6 order: 6 Value: 7
8 Consecutive In-Syncs	<ul style="list-style-type: none"> Name: n8 order: 7 Value: 6

Table 406-135 NBEnum

Name	Value
Four Paging Cycles	<ul style="list-style-type: none"> Name: fourT order: 10 Value: 4
Half a Paging Cycle	<ul style="list-style-type: none"> Name: halfT order: 7 Value: 0
One Eighth of a Paging Cycle	<ul style="list-style-type: none"> Name: oneEighthT order: 5 Value: 9
One Eighth of a Paging Cycle	<ul style="list-style-type: none"> Name: oneEightT order: 4 Value: 6
One Paging Cycle	<ul style="list-style-type: none"> Name: oneT order: 8 Value: 5

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Name	Value
One Sixteenth of a Paging Cycle	<ul style="list-style-type: none"> Name: oneSixteenthT order: 3 Value: 2
One Sixteenth of a Paging Cycle	<ul style="list-style-type: none"> Name: onSixteenthT order: 2 Value: 1
One Thirty Second of a Paging Cycle	<ul style="list-style-type: none"> Name: oneThirtySecondT order: 1 Value: 8
Quarter of a Paging Cycle	<ul style="list-style-type: none"> Name: quarterT order: 6 Value: 7
Two Paging Cycles	<ul style="list-style-type: none"> Name: twoT order: 9 Value: 3

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Table 406-136 NeighCellConfigEnum

Name	Value
All Neighbour Have Same Or Subsets MBSFN Subframe Allocation As Serving	<ul style="list-style-type: none"> Name: AllNeighbourHaveSameOrSubsetsMBSFNSubframeAllocationAsServing Value: 3
Different Uplink/Downlink Allocation	<ul style="list-style-type: none"> Name: DifferentULDLAllocation Value: 1
No MBSFN Subframes Are Present	<ul style="list-style-type: none"> Name: NoMbsfnSubframesArePresent Value: 0
Not All Neighbour Have Same MBSFN Subframe Allocation As Serving	<ul style="list-style-type: none"> Name: NotAllNeighbourHaveSameMBSFNSubframeAllocationAsServing Value: 2

Table 406-137 NonMBSFNregionLengthEnum

Name	Value
S1	<ul style="list-style-type: none"> Name: s1 Value: 0
S2	<ul style="list-style-type: none"> Name: s2 Value: 1

Table 406-138 NotificationRepetitionCoeffEnum

Name	Value
N2	<ul style="list-style-type: none">Name: n2Value: 0
N4	<ul style="list-style-type: none">Name: n4Value: 1

Table 406-139 NRBCQIEnum

Name	Value
0	<ul style="list-style-type: none">Name: 0Value: 0
28	<ul style="list-style-type: none">Name: 28Value: 1

Table 406-140 NumberOfDLAntennasEnum

Name	Value
Download Antenna 1	<ul style="list-style-type: none">Name: dlAntenna1Value: 0
Download Antenna 2	<ul style="list-style-type: none">Name: dlAntenna2Value: 1
Download Antenna 8	<ul style="list-style-type: none">Name: dlAntenna8Value: 2

Table 406-141 NumberOfTddDLAntennasEnum

Name	Value
DL Antenna1	<ul style="list-style-type: none">Name: dlAntenna1order: 1Value: 0
DL Antenna2	<ul style="list-style-type: none">Name: dlAntenna2order: 2Value: 1
DL Antenna4	<ul style="list-style-type: none">Name: dlAntenna4order: 3Value: 3
DL Antenna8	<ul style="list-style-type: none">Name: dlAntenna8order: 4Value: 2

Table 406-142 NumberOfTddULAntennasEnum

Name	Value
Ul Antenna1	<ul style="list-style-type: none"> Name: ulAntenna1 order: 1 Value: 0
Ul Antenna2	<ul style="list-style-type: none"> Name: ulAntenna2 order: 2 Value: 1
Ul Antenna4	<ul style="list-style-type: none"> Name: ulAntenna4 order: 3 Value: 3
Ul Antenna8	<ul style="list-style-type: none"> Name: ulAntenna8 order: 4 Value: 2

Table 406-143 NumberOfULAntennasEnum

Name	Value
Ul Antenna1	<ul style="list-style-type: none"> Name: ulAntenna1 order: 1 Value: 0
Ul Antenna2	<ul style="list-style-type: none"> Name: ulAntenna2 order: 2 Value: 1
Ul Antenna4	<ul style="list-style-type: none"> Name: ulAntenna4 order: 3 Value: 3
Ul Antenna8	<ul style="list-style-type: none"> Name: ulAntenna8 order: 4 Value: 2

Table 406-144 OAMconnectionState

Name	Value
Not_connected	<ul style="list-style-type: none"> Name: not_connected Value: 0
Offline	<ul style="list-style-type: none"> Name: offline Value: 1
Online	<ul style="list-style-type: none"> Name: online Value: 2

Table 406-145 OAMlinkAdministrativeState

Name	Value
Locked	<ul style="list-style-type: none">Name: lockedValue: 1
Unlocked	<ul style="list-style-type: none">Name: unlockedValue: 0

Table 406-146 OffsetFreqEUTRAEnum

Name	Value
-1 dB	<ul style="list-style-type: none">Name: dB_1order: 16Value: 2
-10 dB	<ul style="list-style-type: none">Name: dB_10order: 9Value: 11
-12 dB	<ul style="list-style-type: none">Name: dB_12order: 8Value: 20
-14 dB	<ul style="list-style-type: none">Name: dB_14order: 7Value: 22
-16 dB	<ul style="list-style-type: none">Name: dB_16order: 6Value: 25
-18 dB	<ul style="list-style-type: none">Name: dB_18order: 5Value: 27
-2 dB	<ul style="list-style-type: none">Name: dB_2order: 15Value: 0
-20 dB	<ul style="list-style-type: none">Name: dB_20order: 4Value: 23
-22 dB	<ul style="list-style-type: none">Name: dB_22order: 3Value: 26
-24 dB	<ul style="list-style-type: none">Name: dB_24order: 2Value: 1
-3 dB	<ul style="list-style-type: none">Name: dB_3order: 14Value: 14

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Name	Value
-4 dB	<ul style="list-style-type: none"> Name: dB_4 order: 13 Value: 10
-5 dB	<ul style="list-style-type: none"> Name: dB_5 order: 12 Value: 8
-6 dB	<ul style="list-style-type: none"> Name: dB_6 order: 11 Value: 5
-8 dB	<ul style="list-style-type: none"> Name: dB_8 order: 10 Value: 17
0 dB	<ul style="list-style-type: none"> Name: dB0 order: 17 Value: 3
1 dB	<ul style="list-style-type: none"> Name: dB1 order: 18 Value: 4
10 dB	<ul style="list-style-type: none"> Name: dB10 order: 25 Value: 29
12 dB	<ul style="list-style-type: none"> Name: dB12 order: 26 Value: 31
14 dB	<ul style="list-style-type: none"> Name: dB14 order: 27 Value: 19
16 dB	<ul style="list-style-type: none"> Name: dB16 order: 28 Value: 21
18 dB	<ul style="list-style-type: none"> Name: dB18 order: 29 Value: 24
2 dB	<ul style="list-style-type: none"> Name: dB2 order: 19 Value: 6
20 dB	<ul style="list-style-type: none"> Name: dB20 order: 30 Value: 7
22 dB	<ul style="list-style-type: none"> Name: dB22 order: 31 Value: 13
24 dB	<ul style="list-style-type: none"> Name: dB24 order: 32 Value: 30

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Name	Value
3 dB	<ul style="list-style-type: none"> Name: dB3 order: 20 Value: 9
4 dB	<ul style="list-style-type: none"> Name: dB4 order: 21 Value: 12
5 dB	<ul style="list-style-type: none"> Name: dB5 order: 22 Value: 15
6 dB	<ul style="list-style-type: none"> Name: dB6 order: 23 Value: 16
8 dB	<ul style="list-style-type: none"> Name: dB8 order: 24 Value: 18
Spare	<ul style="list-style-type: none"> Name: spare order: 1 Value: 28

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Table 406-147 OneXRttBandEnum

Name	Value
1.75-to-1.87- G Hz- Korean- PCS	<ul style="list-style-type: none"> Name: 1_75_to_1_87_GHz_Korean_PCS Value: 2
1.8-to-2.0- G Hz- PCS	<ul style="list-style-type: none"> Name: 1_8_to_2_0_GHz_PCS Value: 1
1700-to-2100- M Hz- AWS	<ul style="list-style-type: none"> Name: 1700_to_2100_MHz_AWS Value: 6
2- G Hz- IM T-2000	<ul style="list-style-type: none"> Name: 2_GHz_IMT_2000 Value: 4
450- M Hz- NMT	<ul style="list-style-type: none"> Name: 450_MHz_NMT Value: 3
800 M Hz-cellular	<ul style="list-style-type: none"> Name: 800MHz_cellular Value: 0
GSM A- Satellite- L- Band	<ul style="list-style-type: none"> Name: GSMA_Satellite_L_Band Value: 7
GSM A- Satellite- S- Band	<ul style="list-style-type: none"> Name: GSMA_Satellite_S_Band Value: 8
US- PC S-1.9 G Hz	<ul style="list-style-type: none"> Name: US_PCS_1_9GHz Value: 5

Table 406-148 OperationalModeEnum

Name	Value
Downlink OCNS 1.4 only	<ul style="list-style-type: none"> Name: dlOCNS1dot4only Value: 2
Downlink Peak Throughput	<ul style="list-style-type: none"> Name: dlPeakThroughput Value: 1
Nominal	<ul style="list-style-type: none"> Name: nominal Value: 3
Peak Coverage	<ul style="list-style-type: none"> Name: peakCoverage Value: 4
Uplink Peak Throughput	<ul style="list-style-type: none"> Name: ulPeakThroughput Value: 0

Table 406-149 OtherFlowEnum

Name	Value
Network Control	<ul style="list-style-type: none"> Name: NetworkControl Value: 1
Other	<ul style="list-style-type: none"> Name: Other Value: 0

Table 406-150 OverloadLevelEnum

Name	Value
Critical	<ul style="list-style-type: none"> Name: Critical Value: 2
Major	<ul style="list-style-type: none"> Name: Major Value: 1
Minor	<ul style="list-style-type: none"> Name: Minor Value: 0

Table 406-151 PaOffsetPdschEnum

Name	Value
-1.77 dB	<ul style="list-style-type: none"> Name: dB_1dot77 order: 4 Value: 7
-3 dB	<ul style="list-style-type: none"> Name: dB_3 order: 3 Value: 6

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Name	Value
-4.77 dB	<ul style="list-style-type: none"> Name: dB_4dot77 order: 2 Value: 2
-6 dB	<ul style="list-style-type: none"> Name: dB_6 order: 1 Value: 4
0 dB	<ul style="list-style-type: none"> Name: dB0 order: 5 Value: 0
1 dB	<ul style="list-style-type: none"> Name: dB1 order: 6 Value: 1
2 dB	<ul style="list-style-type: none"> Name: dB2 order: 7 Value: 3
3 dB	<ul style="list-style-type: none"> Name: dB3 order: 8 Value: 5

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Table 406-152 PathSymmetry

Name	Value
Double Sided	<ul style="list-style-type: none"> Name: doubleSided Value: 2
Single Sided	<ul style="list-style-type: none"> Name: singleSided Value: 1
Undefined	<ul style="list-style-type: none"> Name: undefined Value: 0

Table 406-153 PbOffsetPdschEnum

Name	Value
Pb 0	<ul style="list-style-type: none"> Name: pb0 Value: 3
Pb 1	<ul style="list-style-type: none"> Name: pb1 Value: 1
Pb 2	<ul style="list-style-type: none"> Name: pb2 Value: 2
Pb 3	<ul style="list-style-type: none"> Name: pb3 Value: 0

Table 406-154 PdcchAggregationLevelForCommonSearchSpaceEnum

Name	Value
4	<ul style="list-style-type: none"> Name: 4 Value: 0
8	<ul style="list-style-type: none"> Name: 8 Value: 1

Table 406-155 PdcchAggregationLevelForUESearchSpaceEnum

Name	Value
1	<ul style="list-style-type: none"> Name: 1 Value: 1
2	<ul style="list-style-type: none"> Name: 2 Value: 0
4	<ul style="list-style-type: none"> Name: 4 Value: 2
8	<ul style="list-style-type: none"> Name: 8 Value: 3
Adaptive	<ul style="list-style-type: none"> Name: adaptive Value: 4

Table 406-156 PDCCHPowerControlTypeEnum

Name	Value
Anticipated Scheduling	<ul style="list-style-type: none"> Name: AnticipatedScheduling Value: 0
IN- Scheduling	<ul style="list-style-type: none"> Name: IN_Scheduling Value: 1

Table 406-157 PdcpcDiscardTimerEnum

Name	Value
100 ms	<ul style="list-style-type: none"> Name: 100ms order: 2 Value: 4
150 ms	<ul style="list-style-type: none"> Name: 150ms order: 3 Value: 3

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Name	Value
1500 ms	<ul style="list-style-type: none">• Name: 1500ms• order: 7• Value: 7
300 ms	<ul style="list-style-type: none">• Name: 300ms• order: 4• Value: 2
50 ms	<ul style="list-style-type: none">• Name: 50ms• order: 1• Value: 5
500 ms	<ul style="list-style-type: none">• Name: 500ms• order: 5• Value: 1
750 ms	<ul style="list-style-type: none">• Name: 750ms• order: 6• Value: 0
Infinity	<ul style="list-style-type: none">• Name: infinity• order: 8• Value: 6

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Table 406-158 PdcPduSnSizeEnum

Name	Value
12	<ul style="list-style-type: none">• Name: 12• Value: 2
7	<ul style="list-style-type: none">• Name: 7• Value: 0
Auto	<ul style="list-style-type: none">• Name: auto• Value: 1

Table 406-159 PdnTypeEnum

Name	Value
ipv4	<ul style="list-style-type: none">• Name: ipv4• Value: 1
ipv4v6	<ul style="list-style-type: none">• Name: ipv4v6• Value: 3
ipv6	<ul style="list-style-type: none">• Name: ipv6• Value: 2
undefined	<ul style="list-style-type: none">• Name: undefined• Value: 0

Table 406-160 PeriodicBSRtimerEnum

Name	Value
Infinity	<ul style="list-style-type: none"> Name: infinity order: 15 Value: 5
Sf 10	<ul style="list-style-type: none"> Name: sf10 order: 2 Value: 6
Sf 1280	<ul style="list-style-type: none"> Name: sf1280 order: 13 Value: 3
Sf 128	<ul style="list-style-type: none"> Name: sf128 order: 9 Value: 2
Sf 160	<ul style="list-style-type: none"> Name: sf160 order: 10 Value: 14
Sf 16	<ul style="list-style-type: none"> Name: sf16 order: 3 Value: 10
Sf 20	<ul style="list-style-type: none"> Name: sf20 order: 4 Value: 9
Sf 2560	<ul style="list-style-type: none"> Name: sf2560 order: 14 Value: 4
Sf 320	<ul style="list-style-type: none"> Name: sf320 order: 11 Value: 12
Sf 32	<ul style="list-style-type: none"> Name: sf32 order: 5 Value: 7
Sf 40	<ul style="list-style-type: none"> Name: sf40 order: 6 Value: 11
Sf 5	<ul style="list-style-type: none"> Name: sf5 order: 1 Value: 1
Sf 640	<ul style="list-style-type: none"> Name: sf640 order: 12 Value: 13
Sf 64	<ul style="list-style-type: none"> Name: sf64 order: 7 Value: 0
Sf 80	<ul style="list-style-type: none"> Name: sf80 order: 8 Value: 8

Table 406-161 PeriodicPHRtimerEnum

Name	Value
Infinity	<ul style="list-style-type: none"> Name: infinity order: 8 Value: 7
Sf 1000	<ul style="list-style-type: none"> Name: sf1000 order: 7 Value: 0
Sf 100	<ul style="list-style-type: none"> Name: sf100 order: 4 Value: 3
Sf 10	<ul style="list-style-type: none"> Name: sf10 order: 1 Value: 1
Sf 200	<ul style="list-style-type: none"> Name: sf200 order: 5 Value: 2
Sf 20	<ul style="list-style-type: none"> Name: sf20 order: 2 Value: 4
Sf 500	<ul style="list-style-type: none"> Name: sf500 order: 6 Value: 6
Sf 50	<ul style="list-style-type: none"> Name: sf50 order: 3 Value: 5

Table 406-162 PhichResourceEnum

Name	Value
Half	<ul style="list-style-type: none"> Name: half order: 3 Value: 2
One Sixth	<ul style="list-style-type: none"> Name: oneSixth order: 4 Value: 3
One	<ul style="list-style-type: none"> Name: one order: 2 Value: 1
Two	<ul style="list-style-type: none"> Name: two order: 1 Value: 0

Table 406-163 PmcGranularityPeriod

Name	Value
15	<ul style="list-style-type: none"> Name: 15minutes order: 2 Value: 900
30	<ul style="list-style-type: none"> Name: 30minutes order: 3 Value: 1800
5	<ul style="list-style-type: none"> Name: 5minutes order: 1 Value: 300
60	<ul style="list-style-type: none"> Name: 60minutes order: 4 Value: 3600

Table 406-164 PollByteEnum

Name	Value
100 kB	<ul style="list-style-type: none"> Name: kb100 Value: 13
1000 kB	<ul style="list-style-type: none"> Name: kb1000 Value: 10
125 kB	<ul style="list-style-type: none"> Name: kb125 Value: 12
1250 kB	<ul style="list-style-type: none"> Name: kb1250 Value: 0
1500 kB	<ul style="list-style-type: none"> Name: kb1500 Value: 14
2000 kB	<ul style="list-style-type: none"> Name: kb2000 Value: 11
25 kB	<ul style="list-style-type: none"> Name: kb25 Value: 1
250 kB	<ul style="list-style-type: none"> Name: kb250 Value: 3
3000 kB	<ul style="list-style-type: none"> Name: kb3000 Value: 8
375 kB	<ul style="list-style-type: none"> Name: kb375 Value: 4
50 kB	<ul style="list-style-type: none"> Name: kb50 Value: 9
500 kB	<ul style="list-style-type: none"> Name: kb500 Value: 2

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Name	Value
75 kB	<ul style="list-style-type: none">Name: kb75Value: 5
750 kB	<ul style="list-style-type: none">Name: kb750Value: 6
Infinity	<ul style="list-style-type: none">Name: kbinfinityValue: 7

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Table 406-165 PollPDUEnum

Name	Value
Infinity	<ul style="list-style-type: none">Name: plnfinityorder: 8Value: 3
PDU 128	<ul style="list-style-type: none">Name: p128order: 6Value: 5
PDU 16	<ul style="list-style-type: none">Name: p16order: 3Value: 1
PDU 256	<ul style="list-style-type: none">Name: p256order: 7Value: 4
PDU 32	<ul style="list-style-type: none">Name: p32order: 4Value: 6
PDU 4	<ul style="list-style-type: none">Name: p4order: 1Value: 2
PDU 64	<ul style="list-style-type: none">Name: p64order: 5Value: 0
PDU 8	<ul style="list-style-type: none">Name: p8order: 2Value: 7

Table 406-166 PositionSourceEnum

Name	Value
Manually Entered	<ul style="list-style-type: none">Name: manuallyEnteredValue: 1
Receiver Controlled	<ul style="list-style-type: none">Name: receiverControlledValue: 0

Table 406-167 PRACHAntennaModeEnum

Name	Value
A0	<ul style="list-style-type: none"> Name: a0 Value: 0
A1	<ul style="list-style-type: none"> Name: a1 Value: 1

Table 406-168 PRBresourceCountEnum

Name	Value
100000	<ul style="list-style-type: none"> Name: 100000 order: 6 Value: 4
12000	<ul style="list-style-type: none"> Name: 12000 order: 1 Value: 0
15000	<ul style="list-style-type: none"> Name: 15000 order: 2 Value: 5
25000	<ul style="list-style-type: none"> Name: 25000 order: 3 Value: 1
50000	<ul style="list-style-type: none"> Name: 50000 order: 5 Value: 3
75000	<ul style="list-style-type: none"> Name: 75000 order: 4 Value: 2

Table 406-169 PreambleInitialReceivedTargetPowerEnum

Name	Value
-100 dB	<ul style="list-style-type: none"> Name: dBm_100 order: 11 Value: 2
-102 dB	<ul style="list-style-type: none"> Name: dBm_102 order: 10 Value: 1
-104 dB	<ul style="list-style-type: none"> Name: dBm_104 order: 9 Value: 0

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Name	Value
-106 dB	<ul style="list-style-type: none">• Name: dBm_106• order: 8• Value: 4
-108 dB	<ul style="list-style-type: none">• Name: dBm_108• order: 7• Value: 3
-110 dB	<ul style="list-style-type: none">• Name: dBm_110• order: 6• Value: 10
-112 dB	<ul style="list-style-type: none">• Name: dBm_112• order: 5• Value: 15
-114 dB	<ul style="list-style-type: none">• Name: dBm_114• order: 4• Value: 13
-116 dB	<ul style="list-style-type: none">• Name: dBm_116• order: 3• Value: 8
-118 dB	<ul style="list-style-type: none">• Name: dBm_118• order: 2• Value: 5
-120 dB	<ul style="list-style-type: none">• Name: dBm_120• order: 1• Value: 11
-90 dB	<ul style="list-style-type: none">• Name: dBm_90• order: 16• Value: 14
-92 dB	<ul style="list-style-type: none">• Name: dBm_92• order: 15• Value: 12
-94 dB	<ul style="list-style-type: none">• Name: dBm_94• order: 14• Value: 7
-96 dB	<ul style="list-style-type: none">• Name: dBm_96• order: 13• Value: 6
-98 dB	<ul style="list-style-type: none">• Name: dBm_98• order: 12• Value: 9

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Table 406-170 PreambleTransMaxEnum

Name	Value
10 preambles	<ul style="list-style-type: none"> Name: n10 order: 7 Value: 0
100 preambles	<ul style="list-style-type: none"> Name: n100 order: 10 Value: 10
20 preambles	<ul style="list-style-type: none"> Name: n20 order: 8 Value: 2
200 preambles	<ul style="list-style-type: none"> Name: n200 order: 11 Value: 1
3 preambles	<ul style="list-style-type: none"> Name: n3 order: 1 Value: 5
4 preambles	<ul style="list-style-type: none"> Name: n4 order: 2 Value: 4
5 preambles	<ul style="list-style-type: none"> Name: n5 order: 3 Value: 3
50 preambles	<ul style="list-style-type: none"> Name: n50 order: 9 Value: 9
6 preambles	<ul style="list-style-type: none"> Name: n6 order: 4 Value: 8
7 preambles	<ul style="list-style-type: none"> Name: n7 order: 5 Value: 7
8 preambles	<ul style="list-style-type: none"> Name: n8 order: 6 Value: 6

Table 406-171 ProbOfFalseAlarmEnum

Name	Value
0.01	<ul style="list-style-type: none"> Name: 0dot01 Value: 0
0.1	<ul style="list-style-type: none"> Name: 0dot1 Value: 1
1	<ul style="list-style-type: none"> Name: 1 Value: 2

Table 406-172 ProfAllowDiscard

Name	Value
Allow	<ul style="list-style-type: none">• Name: allow• selectable: yes• Value: 1
Discard	<ul style="list-style-type: none">• Name: discard• selectable: yes• Value: 2

Table 406-173 ProhibitPHRtimerEnum

Name	Value
Sf 0	<ul style="list-style-type: none">• Name: sf0• order: 1• Value: 7
Sf 1000	<ul style="list-style-type: none">• Name: sf1000• order: 8• Value: 0
Sf 100	<ul style="list-style-type: none">• Name: sf100• order: 5• Value: 3
Sf 10	<ul style="list-style-type: none">• Name: sf10• order: 2• Value: 1
Sf 200	<ul style="list-style-type: none">• Name: sf200• order: 6• Value: 2
Sf 20	<ul style="list-style-type: none">• Name: sf20• order: 3• Value: 4
Sf 500	<ul style="list-style-type: none">• Name: sf500• order: 7• Value: 6
Sf 50	<ul style="list-style-type: none">• Name: sf50• order: 4• Value: 5

Table 406-174 PrsBandwidthEnum

Name	Value
N100	<ul style="list-style-type: none">• Name: n100• Value: 5

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Name	Value
N15	<ul style="list-style-type: none"> Name: n15 Value: 1
N25	<ul style="list-style-type: none"> Name: n25 Value: 2
N50	<ul style="list-style-type: none"> Name: n50 Value: 3
N6	<ul style="list-style-type: none"> Name: n6 Value: 0
N75	<ul style="list-style-type: none"> Name: n75 Value: 4

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Table 406-175 PrsNumSubframesEnum

Name	Value
Sf1	<ul style="list-style-type: none"> Name: sf1 Value: 0
Sf2	<ul style="list-style-type: none"> Name: sf2 Value: 1
Sf4	<ul style="list-style-type: none"> Name: sf4 Value: 2
Sf6	<ul style="list-style-type: none"> Name: sf6 Value: 3

Table 406-176 PrsPeriodicityEnum

Name	Value
1280ms	<ul style="list-style-type: none"> Name: 1280ms Value: 3
160ms	<ul style="list-style-type: none"> Name: 160ms Value: 0
320ms	<ul style="list-style-type: none"> Name: 320ms Value: 1
640ms	<ul style="list-style-type: none"> Name: 640ms Value: 2

Table 406-177 PuschHoppingType1PatternEnum

Name	Value
Half Of N PUSCH RB	<ul style="list-style-type: none"> Name: Half_Of_N_PUSCH_RB Value: 2
Minus Quarter Of N PUSCH RB	<ul style="list-style-type: none"> Name: Minus_Quarter_Of_N_PUSCH_RB Value: 1
Quarter Of N PUSCH RB	<ul style="list-style-type: none"> Name: Quarter_Of_N_PUSCH_RB Value: 0

Table 406-178 PuschHoppingTypeConfigEnum

Name	Value
Hopping Type 1 And Type 2	<ul style="list-style-type: none"> Name: hoppingType1AndType2 Value: 3
Hopping Type 1 Only	<ul style="list-style-type: none"> Name: hoppingType1Only Value: 1
Hopping Type 2 Only	<ul style="list-style-type: none"> Name: hoppingType2Only Value: 2
No Hopping	<ul style="list-style-type: none"> Name: no_hopping Value: 0

Table 406-179 PUSCHPowerControlAlphaFactorEnum

Name	Value
0.4	<ul style="list-style-type: none"> Name: 0_4 Value: 1
0.5	<ul style="list-style-type: none"> Name: 0_5 Value: 0
0.6	<ul style="list-style-type: none"> Name: 0_6 Value: 7
0.7	<ul style="list-style-type: none"> Name: 0_7 Value: 6
0.8	<ul style="list-style-type: none"> Name: 0_8 Value: 5
0.9	<ul style="list-style-type: none"> Name: 0_9 Value: 4
0	<ul style="list-style-type: none"> Name: 0 Value: 2
1.0	<ul style="list-style-type: none"> Name: 1_0 Value: 3

Table 406-180 PuschPowerCtrlModeEnum

Name	Value
Pwr Ctrl Based On DMRS	<ul style="list-style-type: none"> Name: PwrCtrlBasedOnDMRS Value: 1
Pwr Ctrl Based On SRS	<ul style="list-style-type: none"> Name: PwrCtrlBasedOnSRS Value: 0

Table 406-181 QciEnum

Name	Value
Qci100	<ul style="list-style-type: none"> Name: Qci100 Value: 99
Qci101	<ul style="list-style-type: none"> Name: Qci101 Value: 100
Qci102	<ul style="list-style-type: none"> Name: Qci102 Value: 101
Qci103	<ul style="list-style-type: none"> Name: Qci103 Value: 102
Qci104	<ul style="list-style-type: none"> Name: Qci104 Value: 103
Qci105	<ul style="list-style-type: none"> Name: Qci105 Value: 104
Qci106	<ul style="list-style-type: none"> Name: Qci106 Value: 105
Qci107	<ul style="list-style-type: none"> Name: Qci107 Value: 106
Qci108	<ul style="list-style-type: none"> Name: Qci108 Value: 107
Qci109	<ul style="list-style-type: none"> Name: Qci109 Value: 108
Qci10	<ul style="list-style-type: none"> Name: Qci10 Value: 9
Qci110	<ul style="list-style-type: none"> Name: Qci110 Value: 109
Qci111	<ul style="list-style-type: none"> Name: Qci111 Value: 110
Qci112	<ul style="list-style-type: none"> Name: Qci112 Value: 111
Qci113	<ul style="list-style-type: none"> Name: Qci113 Value: 112
Qci114	<ul style="list-style-type: none"> Name: Qci114 Value: 113

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Name	Value
Qci115	<ul style="list-style-type: none">• Name: Qci115• Value: 114
Qci116	<ul style="list-style-type: none">• Name: Qci116• Value: 115
Qci117	<ul style="list-style-type: none">• Name: Qci117• Value: 116
Qci118	<ul style="list-style-type: none">• Name: Qci118• Value: 117
Qci119	<ul style="list-style-type: none">• Name: Qci119• Value: 118
Qci11	<ul style="list-style-type: none">• Name: Qci11• Value: 10
Qci120	<ul style="list-style-type: none">• Name: Qci120• Value: 119
Qci121	<ul style="list-style-type: none">• Name: Qci121• Value: 120
Qci122	<ul style="list-style-type: none">• Name: Qci122• Value: 121
Qci123	<ul style="list-style-type: none">• Name: Qci123• Value: 122
Qci124	<ul style="list-style-type: none">• Name: Qci124• Value: 123
Qci125	<ul style="list-style-type: none">• Name: Qci125• Value: 124
Qci126	<ul style="list-style-type: none">• Name: Qci126• Value: 125
Qci127	<ul style="list-style-type: none">• Name: Qci127• Value: 126
Qci128	<ul style="list-style-type: none">• Name: Qci128• Value: 127
Qci129	<ul style="list-style-type: none">• Name: Qci129• Value: 128
Qci12	<ul style="list-style-type: none">• Name: Qci12• Value: 11
Qci130	<ul style="list-style-type: none">• Name: Qci130• Value: 129
Qci131	<ul style="list-style-type: none">• Name: Qci131• Value: 130
Qci132	<ul style="list-style-type: none">• Name: Qci132• Value: 131
Qci133	<ul style="list-style-type: none">• Name: Qci133• Value: 132
Qci134	<ul style="list-style-type: none">• Name: Qci134• Value: 133

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Name	Value
Qci135	<ul style="list-style-type: none"> Name: Qci135 Value: 134
Qci136	<ul style="list-style-type: none"> Name: Qci136 Value: 135
Qci137	<ul style="list-style-type: none"> Name: Qci137 Value: 136
Qci138	<ul style="list-style-type: none"> Name: Qci138 Value: 137
Qci139	<ul style="list-style-type: none"> Name: Qci139 Value: 138
Qci13	<ul style="list-style-type: none"> Name: Qci13 Value: 12
Qci140	<ul style="list-style-type: none"> Name: Qci140 Value: 139
Qci141	<ul style="list-style-type: none"> Name: Qci141 Value: 140
Qci142	<ul style="list-style-type: none"> Name: Qci142 Value: 141
Qci143	<ul style="list-style-type: none"> Name: Qci143 Value: 142
Qci144	<ul style="list-style-type: none"> Name: Qci144 Value: 143
Qci145	<ul style="list-style-type: none"> Name: Qci145 Value: 144
Qci146	<ul style="list-style-type: none"> Name: Qci146 Value: 145
Qci147	<ul style="list-style-type: none"> Name: Qci147 Value: 146
Qci148	<ul style="list-style-type: none"> Name: Qci148 Value: 147
Qci149	<ul style="list-style-type: none"> Name: Qci149 Value: 148
Qci14	<ul style="list-style-type: none"> Name: Qci14 Value: 13
Qci150	<ul style="list-style-type: none"> Name: Qci150 Value: 149
Qci151	<ul style="list-style-type: none"> Name: Qci151 Value: 150
Qci152	<ul style="list-style-type: none"> Name: Qci152 Value: 151
Qci153	<ul style="list-style-type: none"> Name: Qci153 Value: 152
Qci154	<ul style="list-style-type: none"> Name: Qci154 Value: 153

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Name	Value
Qci155	<ul style="list-style-type: none"> Name: Qci155 Value: 154
Qci156	<ul style="list-style-type: none"> Name: Qci156 Value: 155
Qci157	<ul style="list-style-type: none"> Name: Qci157 Value: 156
Qci158	<ul style="list-style-type: none"> Name: Qci158 Value: 157
Qci159	<ul style="list-style-type: none"> Name: Qci159 Value: 158
Qci15	<ul style="list-style-type: none"> Name: Qci15 Value: 14
Qci160	<ul style="list-style-type: none"> Name: Qci160 Value: 159
Qci161	<ul style="list-style-type: none"> Name: Qci161 Value: 160
Qci162	<ul style="list-style-type: none"> Name: Qci162 Value: 161
Qci163	<ul style="list-style-type: none"> Name: Qci163 Value: 162
Qci164	<ul style="list-style-type: none"> Name: Qci164 Value: 163
Qci165	<ul style="list-style-type: none"> Name: Qci165 Value: 164
Qci166	<ul style="list-style-type: none"> Name: Qci166 Value: 165
Qci167	<ul style="list-style-type: none"> Name: Qci167 Value: 166
Qci168	<ul style="list-style-type: none"> Name: Qci168 Value: 167
Qci169	<ul style="list-style-type: none"> Name: Qci169 Value: 168
Qci16	<ul style="list-style-type: none"> Name: Qci16 Value: 15
Qci170	<ul style="list-style-type: none"> Name: Qci170 Value: 169
Qci171	<ul style="list-style-type: none"> Name: Qci171 Value: 170
Qci172	<ul style="list-style-type: none"> Name: Qci172 Value: 171
Qci173	<ul style="list-style-type: none"> Name: Qci173 Value: 172
Qci174	<ul style="list-style-type: none"> Name: Qci174 Value: 173

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Name	Value
Qci175	<ul style="list-style-type: none"> Name: Qci175 Value: 174
Qci176	<ul style="list-style-type: none"> Name: Qci176 Value: 175
Qci177	<ul style="list-style-type: none"> Name: Qci177 Value: 176
Qci178	<ul style="list-style-type: none"> Name: Qci178 Value: 177
Qci179	<ul style="list-style-type: none"> Name: Qci179 Value: 178
Qci17	<ul style="list-style-type: none"> Name: Qci17 Value: 16
Qci180	<ul style="list-style-type: none"> Name: Qci180 Value: 179
Qci181	<ul style="list-style-type: none"> Name: Qci181 Value: 180
Qci182	<ul style="list-style-type: none"> Name: Qci182 Value: 181
Qci183	<ul style="list-style-type: none"> Name: Qci183 Value: 182
Qci184	<ul style="list-style-type: none"> Name: Qci184 Value: 183
Qci185	<ul style="list-style-type: none"> Name: Qci185 Value: 184
Qci186	<ul style="list-style-type: none"> Name: Qci186 Value: 185
Qci187	<ul style="list-style-type: none"> Name: Qci187 Value: 186
Qci188	<ul style="list-style-type: none"> Name: Qci188 Value: 187
Qci189	<ul style="list-style-type: none"> Name: Qci189 Value: 188
Qci18	<ul style="list-style-type: none"> Name: Qci18 Value: 17
Qci190	<ul style="list-style-type: none"> Name: Qci190 Value: 189
Qci191	<ul style="list-style-type: none"> Name: Qci191 Value: 190
Qci192	<ul style="list-style-type: none"> Name: Qci192 Value: 191
Qci193	<ul style="list-style-type: none"> Name: Qci193 Value: 192
Qci194	<ul style="list-style-type: none"> Name: Qci194 Value: 193

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Name	Value
Qci195	<ul style="list-style-type: none"> Name: Qci195 Value: 194
Qci196	<ul style="list-style-type: none"> Name: Qci196 Value: 195
Qci197	<ul style="list-style-type: none"> Name: Qci197 Value: 196
Qci198	<ul style="list-style-type: none"> Name: Qci198 Value: 197
Qci199	<ul style="list-style-type: none"> Name: Qci199 Value: 198
Qci19	<ul style="list-style-type: none"> Name: Qci19 Value: 18
Qci1	<ul style="list-style-type: none"> Name: Qci1 Value: 0
Qci200	<ul style="list-style-type: none"> Name: Qci200 Value: 199
Qci201	<ul style="list-style-type: none"> Name: Qci201 Value: 200
Qci202	<ul style="list-style-type: none"> Name: Qci202 Value: 201
Qci203	<ul style="list-style-type: none"> Name: Qci203 Value: 202
Qci204	<ul style="list-style-type: none"> Name: Qci204 Value: 203
Qci205	<ul style="list-style-type: none"> Name: Qci205 Value: 204
Qci206	<ul style="list-style-type: none"> Name: Qci206 Value: 205
Qci207	<ul style="list-style-type: none"> Name: Qci207 Value: 206
Qci208	<ul style="list-style-type: none"> Name: Qci208 Value: 207
Qci209	<ul style="list-style-type: none"> Name: Qci209 Value: 208
Qci20	<ul style="list-style-type: none"> Name: Qci20 Value: 19
Qci210	<ul style="list-style-type: none"> Name: Qci210 Value: 209
Qci211	<ul style="list-style-type: none"> Name: Qci211 Value: 210
Qci212	<ul style="list-style-type: none"> Name: Qci212 Value: 211
Qci213	<ul style="list-style-type: none"> Name: Qci213 Value: 212

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Name	Value
Qci214	<ul style="list-style-type: none"> Name: Qci214 Value: 213
Qci215	<ul style="list-style-type: none"> Name: Qci215 Value: 214
Qci216	<ul style="list-style-type: none"> Name: Qci216 Value: 215
Qci217	<ul style="list-style-type: none"> Name: Qci217 Value: 216
Qci218	<ul style="list-style-type: none"> Name: Qci218 Value: 217
Qci219	<ul style="list-style-type: none"> Name: Qci219 Value: 218
Qci21	<ul style="list-style-type: none"> Name: Qci21 Value: 20
Qci220	<ul style="list-style-type: none"> Name: Qci220 Value: 219
Qci221	<ul style="list-style-type: none"> Name: Qci221 Value: 220
Qci222	<ul style="list-style-type: none"> Name: Qci222 Value: 221
Qci223	<ul style="list-style-type: none"> Name: Qci223 Value: 222
Qci224	<ul style="list-style-type: none"> Name: Qci224 Value: 223
Qci225	<ul style="list-style-type: none"> Name: Qci225 Value: 224
Qci226	<ul style="list-style-type: none"> Name: Qci226 Value: 225
Qci227	<ul style="list-style-type: none"> Name: Qci227 Value: 226
Qci228	<ul style="list-style-type: none"> Name: Qci228 Value: 227
Qci229	<ul style="list-style-type: none"> Name: Qci229 Value: 228
Qci22	<ul style="list-style-type: none"> Name: Qci22 Value: 21
Qci230	<ul style="list-style-type: none"> Name: Qci230 Value: 229
Qci231	<ul style="list-style-type: none"> Name: Qci231 Value: 230
Qci232	<ul style="list-style-type: none"> Name: Qci232 Value: 231
Qci233	<ul style="list-style-type: none"> Name: Qci233 Value: 232

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Name	Value
Qci234	<ul style="list-style-type: none">• Name: Qci234• Value: 233
Qci235	<ul style="list-style-type: none">• Name: Qci235• Value: 234
Qci236	<ul style="list-style-type: none">• Name: Qci236• Value: 235
Qci237	<ul style="list-style-type: none">• Name: Qci237• Value: 236
Qci238	<ul style="list-style-type: none">• Name: Qci238• Value: 237
Qci239	<ul style="list-style-type: none">• Name: Qci239• Value: 238
Qci23	<ul style="list-style-type: none">• Name: Qci23• Value: 22
Qci240	<ul style="list-style-type: none">• Name: Qci240• Value: 239
Qci241	<ul style="list-style-type: none">• Name: Qci241• Value: 240
Qci242	<ul style="list-style-type: none">• Name: Qci242• Value: 241
Qci243	<ul style="list-style-type: none">• Name: Qci243• Value: 242
Qci244	<ul style="list-style-type: none">• Name: Qci244• Value: 243
Qci245	<ul style="list-style-type: none">• Name: Qci245• Value: 244
Qci246	<ul style="list-style-type: none">• Name: Qci246• Value: 245
Qci247	<ul style="list-style-type: none">• Name: Qci247• Value: 246
Qci248	<ul style="list-style-type: none">• Name: Qci248• Value: 247
Qci249	<ul style="list-style-type: none">• Name: Qci249• Value: 248
Qci24	<ul style="list-style-type: none">• Name: Qci24• Value: 23
Qci250	<ul style="list-style-type: none">• Name: Qci250• Value: 249
Qci251	<ul style="list-style-type: none">• Name: Qci251• Value: 250
Qci252	<ul style="list-style-type: none">• Name: Qci252• Value: 251
Qci253	<ul style="list-style-type: none">• Name: Qci253• Value: 252

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Name	Value
Qci254	<ul style="list-style-type: none"> Name: Qci254 Value: 253
Qci255	<ul style="list-style-type: none"> Name: Qci255 Value: 254
Qci25	<ul style="list-style-type: none"> Name: Qci25 Value: 24
Qci26	<ul style="list-style-type: none"> Name: Qci26 Value: 25
Qci27	<ul style="list-style-type: none"> Name: Qci27 Value: 26
Qci28	<ul style="list-style-type: none"> Name: Qci28 Value: 27
Qci29	<ul style="list-style-type: none"> Name: Qci29 Value: 28
Qci2	<ul style="list-style-type: none"> Name: Qci2 Value: 1
Qci30	<ul style="list-style-type: none"> Name: Qci30 Value: 29
Qci31	<ul style="list-style-type: none"> Name: Qci31 Value: 30
Qci32	<ul style="list-style-type: none"> Name: Qci32 Value: 31
Qci33	<ul style="list-style-type: none"> Name: Qci33 Value: 32
Qci34	<ul style="list-style-type: none"> Name: Qci34 Value: 33
Qci35	<ul style="list-style-type: none"> Name: Qci35 Value: 34
Qci36	<ul style="list-style-type: none"> Name: Qci36 Value: 35
Qci37	<ul style="list-style-type: none"> Name: Qci37 Value: 36
Qci38	<ul style="list-style-type: none"> Name: Qci38 Value: 37
Qci39	<ul style="list-style-type: none"> Name: Qci39 Value: 38
Qci3	<ul style="list-style-type: none"> Name: Qci3 Value: 2
Qci40	<ul style="list-style-type: none"> Name: Qci40 Value: 39
Qci41	<ul style="list-style-type: none"> Name: Qci41 Value: 40
Qci42	<ul style="list-style-type: none"> Name: Qci42 Value: 41

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Name	Value
Qci43	<ul style="list-style-type: none"> Name: Qci43 Value: 42
Qci44	<ul style="list-style-type: none"> Name: Qci44 Value: 43
Qci45	<ul style="list-style-type: none"> Name: Qci45 Value: 44
Qci46	<ul style="list-style-type: none"> Name: Qci46 Value: 45
Qci47	<ul style="list-style-type: none"> Name: Qci47 Value: 46
Qci48	<ul style="list-style-type: none"> Name: Qci48 Value: 47
Qci49	<ul style="list-style-type: none"> Name: Qci49 Value: 48
Qci4	<ul style="list-style-type: none"> Name: Qci4 Value: 3
Qci50	<ul style="list-style-type: none"> Name: Qci50 Value: 49
Qci51	<ul style="list-style-type: none"> Name: Qci51 Value: 50
Qci52	<ul style="list-style-type: none"> Name: Qci52 Value: 51
Qci53	<ul style="list-style-type: none"> Name: Qci53 Value: 52
Qci54	<ul style="list-style-type: none"> Name: Qci54 Value: 53
Qci55	<ul style="list-style-type: none"> Name: Qci55 Value: 54
Qci56	<ul style="list-style-type: none"> Name: Qci56 Value: 55
Qci57	<ul style="list-style-type: none"> Name: Qci57 Value: 56
Qci58	<ul style="list-style-type: none"> Name: Qci58 Value: 57
Qci59	<ul style="list-style-type: none"> Name: Qci59 Value: 58
Qci5	<ul style="list-style-type: none"> Name: Qci5 Value: 4
Qci60	<ul style="list-style-type: none"> Name: Qci60 Value: 59
Qci61	<ul style="list-style-type: none"> Name: Qci61 Value: 60
Qci62	<ul style="list-style-type: none"> Name: Qci62 Value: 61

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Name	Value
Qci63	<ul style="list-style-type: none"> Name: Qci63 Value: 62
Qci64	<ul style="list-style-type: none"> Name: Qci64 Value: 63
Qci65	<ul style="list-style-type: none"> Name: Qci65 Value: 64
Qci66	<ul style="list-style-type: none"> Name: Qci66 Value: 65
Qci67	<ul style="list-style-type: none"> Name: Qci67 Value: 66
Qci68	<ul style="list-style-type: none"> Name: Qci68 Value: 67
Qci69	<ul style="list-style-type: none"> Name: Qci69 Value: 68
Qci6	<ul style="list-style-type: none"> Name: Qci6 Value: 5
Qci70	<ul style="list-style-type: none"> Name: Qci70 Value: 69
Qci71	<ul style="list-style-type: none"> Name: Qci71 Value: 70
Qci72	<ul style="list-style-type: none"> Name: Qci72 Value: 71
Qci73	<ul style="list-style-type: none"> Name: Qci73 Value: 72
Qci74	<ul style="list-style-type: none"> Name: Qci74 Value: 73
Qci75	<ul style="list-style-type: none"> Name: Qci75 Value: 74
Qci76	<ul style="list-style-type: none"> Name: Qci76 Value: 75
Qci77	<ul style="list-style-type: none"> Name: Qci77 Value: 76
Qci78	<ul style="list-style-type: none"> Name: Qci78 Value: 77
Qci79	<ul style="list-style-type: none"> Name: Qci79 Value: 78
Qci7	<ul style="list-style-type: none"> Name: Qci7 Value: 6
Qci80	<ul style="list-style-type: none"> Name: Qci80 Value: 79
Qci81	<ul style="list-style-type: none"> Name: Qci81 Value: 80
Qci82	<ul style="list-style-type: none"> Name: Qci82 Value: 81

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Name	Value
Qci83	<ul style="list-style-type: none">• Name: Qci83• Value: 82
Qci84	<ul style="list-style-type: none">• Name: Qci84• Value: 83
Qci85	<ul style="list-style-type: none">• Name: Qci85• Value: 84
Qci86	<ul style="list-style-type: none">• Name: Qci86• Value: 85
Qci87	<ul style="list-style-type: none">• Name: Qci87• Value: 86
Qci88	<ul style="list-style-type: none">• Name: Qci88• Value: 87
Qci89	<ul style="list-style-type: none">• Name: Qci89• Value: 88
Qci8	<ul style="list-style-type: none">• Name: Qci8• Value: 7
Qci90	<ul style="list-style-type: none">• Name: Qci90• Value: 89
Qci91	<ul style="list-style-type: none">• Name: Qci91• Value: 90
Qci92	<ul style="list-style-type: none">• Name: Qci92• Value: 91
Qci93	<ul style="list-style-type: none">• Name: Qci93• Value: 92
Qci94	<ul style="list-style-type: none">• Name: Qci94• Value: 93
Qci95	<ul style="list-style-type: none">• Name: Qci95• Value: 94
Qci96	<ul style="list-style-type: none">• Name: Qci96• Value: 95
Qci97	<ul style="list-style-type: none">• Name: Qci97• Value: 96
Qci98	<ul style="list-style-type: none">• Name: Qci98• Value: 97
Qci99	<ul style="list-style-type: none">• Name: Qci99• Value: 98
Qci9	<ul style="list-style-type: none">• Name: Qci9• Value: 8

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Table 406-182 QClforVoipRtpRtcpEnum

Name	Value
GBR-1	<ul style="list-style-type: none"> Name: GBR_1 Value: 6
GBR-2	<ul style="list-style-type: none"> Name: GBR_2 Value: 3
GBR-3	<ul style="list-style-type: none"> Name: GBR_3 Value: 5
GBR-4	<ul style="list-style-type: none"> Name: GBR_4 Value: 1
nGBR-5	<ul style="list-style-type: none"> Name: nGBR_5 Value: 4
nGBR-6	<ul style="list-style-type: none"> Name: nGBR_6 Value: 0
nGBR-7	<ul style="list-style-type: none"> Name: nGBR_7 Value: 2
nGBR-8	<ul style="list-style-type: none"> Name: nGBR_8 Value: 7
nGBR-9	<ul style="list-style-type: none"> Name: nGBR_9 Value: 8

Table 406-183 QHystEnum

Name	Value
0 dB	<ul style="list-style-type: none"> Name: dB0 order: 1 Value: 0
1 dB	<ul style="list-style-type: none"> Name: dB1 order: 2 Value: 1
10 dB	<ul style="list-style-type: none"> Name: dB10 order: 9 Value: 10
12 dB	<ul style="list-style-type: none"> Name: dB12 order: 10 Value: 13
14 dB	<ul style="list-style-type: none"> Name: dB14 order: 11 Value: 11
16 dB	<ul style="list-style-type: none"> Name: dB16 order: 12 Value: 14

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Name	Value
18 dB	<ul style="list-style-type: none"> Name: dB18 order: 13 Value: 15
2 dB	<ul style="list-style-type: none"> Name: dB2 order: 3 Value: 2
20 dB	<ul style="list-style-type: none"> Name: dB20 order: 14 Value: 3
22 dB	<ul style="list-style-type: none"> Name: dB22 order: 15 Value: 6
24 dB	<ul style="list-style-type: none"> Name: dB24 order: 16 Value: 12
3 dB	<ul style="list-style-type: none"> Name: dB3 order: 4 Value: 4
4 dB	<ul style="list-style-type: none"> Name: dB4 order: 5 Value: 5
5 dB	<ul style="list-style-type: none"> Name: dB5 order: 6 Value: 7
6 dB	<ul style="list-style-type: none"> Name: dB6 order: 7 Value: 8
8 dB	<ul style="list-style-type: none"> Name: dB8 order: 8 Value: 9

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Table 406-184 QHystSpeedFactorsHighEnum

Name	Value
-2 dB	<ul style="list-style-type: none"> Name: dB_2 order: 3 Value: 0
-4 dB	<ul style="list-style-type: none"> Name: dB_4 order: 2 Value: 3
-6 dB	<ul style="list-style-type: none"> Name: dB_6 order: 1 Value: 2

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Name	Value
0 dB	<ul style="list-style-type: none"> Name: dB0 order: 4 Value: 1
Unspecified	<ul style="list-style-type: none"> Name: unspecified order: 0 selectable: no Value: -1

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Table 406-185 QHystSpeedFactorsMediumEnum

Name	Value
-2 dB	<ul style="list-style-type: none"> Name: dB_2 order: 3 Value: 0
-4 dB	<ul style="list-style-type: none"> Name: dB_4 order: 2 Value: 3
-6 dB	<ul style="list-style-type: none"> Name: dB_6 order: 1 Value: 2
0 dB	<ul style="list-style-type: none"> Name: dB0 order: 4 Value: 1
Unspecified	<ul style="list-style-type: none"> Name: unspecified order: 0 selectable: no Value: -1

Table 406-186 QOffsetCellEnum

Name	Value
-1 dB	<ul style="list-style-type: none"> Name: dB_1 order: 15 Value: 2
-10 dB	<ul style="list-style-type: none"> Name: dB_10 order: 8 Value: 11
-12 dB	<ul style="list-style-type: none"> Name: dB_12 order: 7 Value: 20
-14 dB	<ul style="list-style-type: none"> Name: dB_14 order: 6 Value: 22

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Name	Value
-16 dB	<ul style="list-style-type: none"> • Name: dB_16 • order: 5 • Value: 25
-18 dB	<ul style="list-style-type: none"> • Name: dB_18 • order: 4 • Value: 27
-2 dB	<ul style="list-style-type: none"> • Name: dB_2 • order: 14 • Value: 0
-20 dB	<ul style="list-style-type: none"> • Name: dB_20 • order: 3 • Value: 23
-22 dB	<ul style="list-style-type: none"> • Name: dB_22 • order: 2 • Value: 26
-24 dB	<ul style="list-style-type: none"> • Name: dB_24 • order: 1 • Value: 1
-3 dB	<ul style="list-style-type: none"> • Name: dB_3 • order: 13 • Value: 14
-4 dB	<ul style="list-style-type: none"> • Name: dB_4 • order: 12 • Value: 10
-5 dB	<ul style="list-style-type: none"> • Name: dB_5 • order: 11 • Value: 8
-6 dB	<ul style="list-style-type: none"> • Name: dB_6 • order: 10 • Value: 5
-8 dB	<ul style="list-style-type: none"> • Name: dB_8 • order: 9 • Value: 17
0 dB	<ul style="list-style-type: none"> • Name: dB0 • order: 16 • Value: 3
1 dB	<ul style="list-style-type: none"> • Name: dB1 • order: 17 • Value: 4
10 dB	<ul style="list-style-type: none"> • Name: dB10 • order: 24 • Value: 28
12 dB	<ul style="list-style-type: none"> • Name: dB12 • order: 25 • Value: 30

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Name	Value
14 dB	<ul style="list-style-type: none"> Name: dB14 order: 26 Value: 19
16 dB	<ul style="list-style-type: none"> Name: dB16 order: 27 Value: 21
18 dB	<ul style="list-style-type: none"> Name: dB18 order: 28 Value: 24
2 dB	<ul style="list-style-type: none"> Name: dB2 order: 18 Value: 6
20 dB	<ul style="list-style-type: none"> Name: dB20 order: 29 Value: 7
22 dB	<ul style="list-style-type: none"> Name: dB22 order: 30 Value: 13
24 dB	<ul style="list-style-type: none"> Name: dB24 order: 31 Value: 29
3 dB	<ul style="list-style-type: none"> Name: dB3 order: 19 Value: 9
4 dB	<ul style="list-style-type: none"> Name: dB4 order: 20 Value: 12
5 dB	<ul style="list-style-type: none"> Name: dB5 order: 21 Value: 15
6 dB	<ul style="list-style-type: none"> Name: dB6 order: 22 Value: 16
8 dB	<ul style="list-style-type: none"> Name: dB8 order: 23 Value: 18

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Table 406-187 RachPeriodicityEnum

Name	Value
10ms	<ul style="list-style-type: none"> Name: 10ms Value: 0
20ms	<ul style="list-style-type: none"> Name: 20ms Value: 1

Table 406-188 RACHpreambleTxPowerStepSizeEnum

Name	Value
0 dB	<ul style="list-style-type: none"> Name: dB0 Value: 0
2 dB	<ul style="list-style-type: none"> Name: dB2 Value: 1
4 dB	<ul style="list-style-type: none"> Name: dB4 Value: 2
6 dB	<ul style="list-style-type: none"> Name: dB6 Value: 3

Table 406-189 RadioAccessTechnologyType

Name	Value
EUTRAN	<ul style="list-style-type: none"> Name: eutran selectable: yes Value: 3
GERAN	<ul style="list-style-type: none"> Name: geran selectable: yes Value: 1
UTRAN	<ul style="list-style-type: none"> Name: utran selectable: yes Value: 2

Table 406-190 RadioFrameAllocationPeriodEnum

Name	Value
N16	<ul style="list-style-type: none"> Name: n16 Value: 4
N1	<ul style="list-style-type: none"> Name: n1 Value: 0
N2	<ul style="list-style-type: none"> Name: n2 Value: 1
N32	<ul style="list-style-type: none"> Name: n32 Value: 5
N4	<ul style="list-style-type: none"> Name: n4 Value: 2
N8	<ul style="list-style-type: none"> Name: n8 Value: 3

Table 406-191 RangeEnum

Name	Value
12 Cell Identities	<ul style="list-style-type: none"> • Name: n12 • order: 3 • Value: 2
128 Cell Identities	<ul style="list-style-type: none"> • Name: n128 • order: 11 • Value: 10
16 Cell Identities	<ul style="list-style-type: none"> • Name: n16 • order: 4 • Value: 3
168 Cell Identities	<ul style="list-style-type: none"> • Name: n168 • order: 12 • Value: 11
24 Cell Identities	<ul style="list-style-type: none"> • Name: n24 • order: 5 • Value: 4
252 Cell Identities	<ul style="list-style-type: none"> • Name: n252 • order: 13 • Value: 12
32 Cell Identities	<ul style="list-style-type: none"> • Name: n32 • order: 6 • Value: 5
4 Cell Identities	<ul style="list-style-type: none"> • Name: n4 • order: 1 • Value: 0
48 Cell Identities	<ul style="list-style-type: none"> • Name: n48 • order: 7 • Value: 6
504 Cell Identities	<ul style="list-style-type: none"> • Name: n504 • order: 14 • Value: 13
64 Cell Identities	<ul style="list-style-type: none"> • Name: n64 • order: 8 • Value: 7
8 Cell Identities	<ul style="list-style-type: none"> • Name: n8 • order: 2 • Value: 1
84 Cell Identities	<ul style="list-style-type: none"> • Name: n84 • order: 9 • Value: 8
96 Cell Identities	<ul style="list-style-type: none"> • Name: n96 • order: 10 • Value: 9

Table 406-192 RAresponseWindowSizeEnum

Name	Value
Sf 10	<ul style="list-style-type: none"> Name: sf10 order: 8 Value: 0
Sf 2	<ul style="list-style-type: none"> Name: sf2 order: 1 Value: 7
Sf 3	<ul style="list-style-type: none"> Name: sf3 order: 2 Value: 5
Sf 4	<ul style="list-style-type: none"> Name: sf4 order: 3 Value: 6
Sf 5	<ul style="list-style-type: none"> Name: sf5 order: 4 Value: 3
Sf 6	<ul style="list-style-type: none"> Name: sf6 order: 5 Value: 4
Sf 7	<ul style="list-style-type: none"> Name: sf7 order: 6 Value: 1
Sf 8	<ul style="list-style-type: none"> Name: sf8 order: 7 Value: 2

Table 406-193 RBlabeledEnum

Name	Value
GBR-1	<ul style="list-style-type: none"> Name: GBR_1 Value: 9
GBR-2	<ul style="list-style-type: none"> Name: GBR_2 Value: 5
GBR-3	<ul style="list-style-type: none"> Name: GBR_3 Value: 7
GBR-4	<ul style="list-style-type: none"> Name: GBR_4 Value: 1
nGBR-5	<ul style="list-style-type: none"> Name: nGBR_5 Value: 6
nGBR-6	<ul style="list-style-type: none"> Name: nGBR_6 Value: 0
nGBR-7	<ul style="list-style-type: none"> Name: nGBR_7 Value: 3

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Name	Value
nGBR-8	<ul style="list-style-type: none"> Name: nGBR_8 Value: 10
nGBR-9	<ul style="list-style-type: none"> Name: nGBR_9 Value: 11
SRB 0	<ul style="list-style-type: none"> Name: SRB0 Value: 8
SRB 1	<ul style="list-style-type: none"> Name: SRB1 Value: 2
SRB 2	<ul style="list-style-type: none"> Name: SRB2 Value: 4

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Table 406-194 ReferencePointType

Name	Value
Dsc	<ul style="list-style-type: none"> Name: dsc selectable: no Value: 18
Ga	<ul style="list-style-type: none"> Name: ga selectable: no Value: 20
Gn	<ul style="list-style-type: none"> Name: gn selectable: no Value: 10
Gr	<ul style="list-style-type: none"> Name: gr selectable: no Value: 21
Gx	<ul style="list-style-type: none"> Name: gx Value: 12
Gy	<ul style="list-style-type: none"> Name: gy selectable: no Value: 30
IuPS	<ul style="list-style-type: none"> Name: iups selectable: no Value: 22
M3	<ul style="list-style-type: none"> Name: m3 selectable: no Value: 23
RADIUS	<ul style="list-style-type: none"> Name: ra selectable: no Value: 29
Rf	<ul style="list-style-type: none"> Name: rf selectable: no Value: 17

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Name	Value
S1-mme	<ul style="list-style-type: none">• Name: s1mme• selectable: no• Value: 11
S1-u	<ul style="list-style-type: none">• Name: s1u• Value: 2
S10	<ul style="list-style-type: none">• Name: s10• selectable: no• Value: 14
S11	<ul style="list-style-type: none">• Name: s11• Value: 5
S12	<ul style="list-style-type: none">• Name: s12• Value: 6
S13	<ul style="list-style-type: none">• Name: s13• selectable: no• Value: 16
S1	<ul style="list-style-type: none">• Name: s1• selectable: no• Value: 1
S2a	<ul style="list-style-type: none">• Name: s2a• selectable: no• Value: 31
S3	<ul style="list-style-type: none">• Name: s3• selectable: no• Value: 15
S5	<ul style="list-style-type: none">• Name: s5• Value: 3
S6a	<ul style="list-style-type: none">• Name: s6a• selectable: no• Value: 8
S6b	<ul style="list-style-type: none">• Name: s6b• selectable: no• Value: 32
S8	<ul style="list-style-type: none">• Name: s8• Value: 4
SBC	<ul style="list-style-type: none">• Name: sbc• selectable: no• Value: 28
SGs	<ul style="list-style-type: none">• Name: sg• selectable: no• Value: 13
SLg	<ul style="list-style-type: none">• Name: slg• selectable: no• Value: 26
SLs	<ul style="list-style-type: none">• Name: sls• selectable: no• Value: 27

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Name	Value
Sm	<ul style="list-style-type: none"> Name: sm selectable: no Value: 24
Sv	<ul style="list-style-type: none"> Name: sv selectable: no Value: 9
X1_1	<ul style="list-style-type: none"> Name: x1u1 selectable: no Value: 25
X2	<ul style="list-style-type: none"> Name: x2 selectable: no Value: 19

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Table 406-195 ReportAmountEnum

Name	Value
1 Report	<ul style="list-style-type: none"> Name: r1 order: 1 Value: 4
16 Reports	<ul style="list-style-type: none"> Name: r16 order: 5 Value: 1
2 Reports	<ul style="list-style-type: none"> Name: r2 order: 2 Value: 5
32 Reports	<ul style="list-style-type: none"> Name: r32 order: 6 Value: 2
4 Reports	<ul style="list-style-type: none"> Name: r4 order: 3 Value: 7
64 Reports	<ul style="list-style-type: none"> Name: r64 order: 7 Value: 0
8 Reports	<ul style="list-style-type: none"> Name: r8 order: 4 Value: 3
Infinity	<ul style="list-style-type: none"> Name: infinity order: 8 Value: 6

Table 406-196 ReportIntervalEnum

Name	Value
1024 ms Interval	<ul style="list-style-type: none"> Name: ms1024 Value: 0
10240 ms Interval	<ul style="list-style-type: none"> Name: ms10240 Value: 8
120 ms Interval	<ul style="list-style-type: none"> Name: ms120 Value: 7
2048 ms Interval	<ul style="list-style-type: none"> Name: ms2048 Value: 11
240 ms Interval	<ul style="list-style-type: none"> Name: ms240 Value: 12
480 ms Interval	<ul style="list-style-type: none"> Name: ms480 Value: 3
5120 ms Interval	<ul style="list-style-type: none"> Name: ms5120 Value: 6
640 ms Interval	<ul style="list-style-type: none"> Name: ms640 Value: 2
Min 1 Reports	<ul style="list-style-type: none"> Name: min1 Value: 9
Min 12 Reports	<ul style="list-style-type: none"> Name: min12 Value: 10
Min 30 Reports	<ul style="list-style-type: none"> Name: min30 Value: 4
Min 6 Reports	<ul style="list-style-type: none"> Name: min6 Value: 5
Min 60 Reports	<ul style="list-style-type: none"> Name: min60 Value: 1

Table 406-197 ReportIntervalUtraEnum

Name	Value
1024 ms Interval	<ul style="list-style-type: none"> Name: ms1024 Value: 0
10240 ms Interval	<ul style="list-style-type: none"> Name: ms10240 Value: 8
120 ms Interval	<ul style="list-style-type: none"> Name: ms120 Value: 7
2048 ms Interval	<ul style="list-style-type: none"> Name: ms2048 Value: 11
240 ms Interval	<ul style="list-style-type: none"> Name: ms240 Value: 12

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Name	Value
480 ms Interval	<ul style="list-style-type: none"> Name: ms480 Value: 3
5120 ms Interval	<ul style="list-style-type: none"> Name: ms5120 Value: 6
640 ms Interval	<ul style="list-style-type: none"> Name: ms640 Value: 2
Min 1 Report	<ul style="list-style-type: none"> Name: min1 Value: 9
Min 12 Report	<ul style="list-style-type: none"> Name: min12 Value: 10
Min 30 Reports	<ul style="list-style-type: none"> Name: min30 Value: 4
Min 6 Reports	<ul style="list-style-type: none"> Name: min6 Value: 5
Min 60 Reports	<ul style="list-style-type: none"> Name: min60 Value: 1

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Table 406-198 ReportQuantityEUTRAEnum

Name	Value
Both	<ul style="list-style-type: none"> Name: both Value: 0
Same As Trigger Quantity	<ul style="list-style-type: none"> Name: sameAsTriggerQuantity Value: 1

Table 406-199 ResetType

Name	Value
Nothing	<ul style="list-style-type: none"> Name: nothing Value: 2
Power Cycle	<ul style="list-style-type: none"> Name: powerCycle selectable: no Value: 4
Removable Item	<ul style="list-style-type: none"> Name: rit Value: 1
Telecom	<ul style="list-style-type: none"> Name: telecom selectable: no Value: 3

Table 406-200 RetAntennaCalibrateEnum

Name	Value
False	<ul style="list-style-type: none">• Name: false• Value: 2
True	<ul style="list-style-type: none">• Name: true• Value: 1
Unknown	<ul style="list-style-type: none">• Name: unknown• Value: 255

Table 406-201 RetSelfTestEnum

Name	Value
False	<ul style="list-style-type: none">• Name: false• Value: 2
True	<ul style="list-style-type: none">• Name: true• Value: 1
Unknown	<ul style="list-style-type: none">• Name: unknown• Value: 255

Table 406-202 RetxBSRtimerEnum

Name	Value
Sf 10240	<ul style="list-style-type: none">• Name: sf10240• order: 6• Value: 5
Sf 1280	<ul style="list-style-type: none">• Name: sf1280• order: 3• Value: 0
Sf 2560	<ul style="list-style-type: none">• Name: sf2560• order: 4• Value: 2
Sf 320	<ul style="list-style-type: none">• Name: sf320• order: 1• Value: 3
Sf 5120	<ul style="list-style-type: none">• Name: sf5120• order: 5• Value: 1
Sf 640	<ul style="list-style-type: none">• Name: sf640• order: 2• Value: 4

Table 406-203 RfAccLevel

Name	Value
PDN Level	<ul style="list-style-type: none"> Name: pdnlevel Value: 1
QCI Level	<ul style="list-style-type: none"> Name: qcilevel Value: 2
Undefined	<ul style="list-style-type: none"> Name: undefined selectable: no Value: 0

Table 406-204 RfmControlModeEnum

Name	Value
Primary	<ul style="list-style-type: none"> Name: Primary Value: 1
Secondary	<ul style="list-style-type: none"> Name: Secondary Value: 2
Standalone	<ul style="list-style-type: none"> Name: Standalone Value: 0

Table 406-205 Rj45SyncUsageEnum

Name	Value
External Gps input	<ul style="list-style-type: none"> Name: externalGpsInput Value: 1
One Pps and Tod output	<ul style="list-style-type: none"> Name: onePpsAndTodOutput Value: 2

Table 406-206 RLCumSNfieldLengthEnum

Name	Value
Size 10	<ul style="list-style-type: none"> Name: size10 Value: 0
Size 5	<ul style="list-style-type: none"> Name: size5 Value: 1

Table 406-207 RNTPThresholdEnum

Name	Value
-1 dB	<ul style="list-style-type: none"> Name: dB_1 Value: 11
-10 dB	<ul style="list-style-type: none"> Name: dB_10 Value: 2
-11 dB	<ul style="list-style-type: none"> Name: dB_11 Value: 1
-2 dB	<ul style="list-style-type: none"> Name: dB_2 Value: 10
-3 dB	<ul style="list-style-type: none"> Name: dB_3 Value: 9
-4 dB	<ul style="list-style-type: none"> Name: dB_4 Value: 8
-5 dB	<ul style="list-style-type: none"> Name: dB_5 Value: 7
-6 dB	<ul style="list-style-type: none"> Name: dB_6 Value: 6
-7 dB	<ul style="list-style-type: none"> Name: dB_7 Value: 5
-8 dB	<ul style="list-style-type: none"> Name: dB_8 Value: 4
-9 dB	<ul style="list-style-type: none"> Name: dB_9 Value: 3
0 dB	<ul style="list-style-type: none"> Name: dB0 Value: 12
1 dB	<ul style="list-style-type: none"> Name: dB1 Value: 13
2 dB	<ul style="list-style-type: none"> Name: dB2 Value: 14
3 dB	<ul style="list-style-type: none"> Name: dB3 Value: 15
dB-Infinity	<ul style="list-style-type: none"> Name: dBminusInfinity Value: 0

Table 406-208 RohcPreferredModeEnum

Name	Value
O-mode	<ul style="list-style-type: none"> Name: O_mode Value: 0
R-mode	<ul style="list-style-type: none"> Name: R_mode Value: 1

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Name	Value
U-mode	<ul style="list-style-type: none"> Name: U_mode Value: 2

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Table 406-209 RrcT320Enum

Name	Value
Min 10	<ul style="list-style-type: none"> Name: min10 order: 2 Value: 3
Min 120	<ul style="list-style-type: none"> Name: min120 order: 6 Value: 1
Min 180	<ul style="list-style-type: none"> Name: min180 order: 7 Value: 4
Min 20	<ul style="list-style-type: none"> Name: min20 order: 3 Value: 2
Min 30	<ul style="list-style-type: none"> Name: min30 order: 4 Value: 5
Min 5	<ul style="list-style-type: none"> Name: min5 order: 1 Value: 6
Min 60	<ul style="list-style-type: none"> Name: min60 order: 5 Value: 0

Table 406-210 RSRPRangeEnum

Name	Value
[-100,-99]	<ul style="list-style-type: none"> Name: minus100_to_minus99 order: 42 Value: 19
[-101,-100]	<ul style="list-style-type: none"> Name: minus101_to_minus100 order: 41 Value: 31
[-102,-101]	<ul style="list-style-type: none"> Name: minus102_to_minus101 order: 40 Value: 26
[-103,-102]	<ul style="list-style-type: none"> Name: minus103_to_minus102 order: 39 Value: 50

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Name	Value
[-104,-103]	<ul style="list-style-type: none"> Name: minus104_to_minus103 order: 38 Value: 66
[-105,-104]	<ul style="list-style-type: none"> Name: minus105_to_minus104 order: 37 Value: 78
[-106,-105]	<ul style="list-style-type: none"> Name: minus106_to_minus105 order: 36 Value: 9
[-107,-106]	<ul style="list-style-type: none"> Name: minus107_to_minus106 order: 35 Value: 81
[-108,-107]	<ul style="list-style-type: none"> Name: minus108_to_minus107 order: 34 Value: 22
[-109,-108]	<ul style="list-style-type: none"> Name: minus109_to_minus108 order: 33 Value: 23
[-110,-109]	<ul style="list-style-type: none"> Name: minus110_to_minus109 order: 32 Value: 41
[-111,-110]	<ul style="list-style-type: none"> Name: minus111_to_minus110 order: 31 Value: 59
[-112,-111]	<ul style="list-style-type: none"> Name: minus112_to_minus111 order: 30 Value: 69
[-113,-112]	<ul style="list-style-type: none"> Name: minus113_to_minus112 order: 29 Value: 48
[-114,-113]	<ul style="list-style-type: none"> Name: minus114_to_minus113 order: 28 Value: 73
[-115,-114]	<ul style="list-style-type: none"> Name: minus115_to_minus114 order: 27 Value: 54
[-116,-115]	<ul style="list-style-type: none"> Name: minus116_to_minus115 order: 26 Value: 14
[-117,-116]	<ul style="list-style-type: none"> Name: minus117_to_minus116 order: 25 Value: 16
[-118,-117]	<ul style="list-style-type: none"> Name: minus118_to_minus117 order: 24 Value: 79

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Name	Value
[-119,-118]	<ul style="list-style-type: none"> Name: minus119_to_minus118 order: 23 Value: 8
[-120,-119]	<ul style="list-style-type: none"> Name: minus120_to_minus119 order: 22 Value: 15
[-121,-120]	<ul style="list-style-type: none"> Name: minus121_to_minus120 order: 21 Value: 20
[-122,-121]	<ul style="list-style-type: none"> Name: minus122_to_minus121 order: 20 Value: 68
[-123,-122]	<ul style="list-style-type: none"> Name: minus123_to_minus122 order: 19 Value: 70
[-124,-123]	<ul style="list-style-type: none"> Name: minus124_to_minus123 order: 18 Value: 51
[-125,-124]	<ul style="list-style-type: none"> Name: minus125_to_minus124 order: 17 Value: 32
[-126,-125]	<ul style="list-style-type: none"> Name: minus126_to_minus125 order: 16 Value: 3
[-127,-126]	<ul style="list-style-type: none"> Name: minus127_to_minus126 order: 15 Value: 89
[-128,-127]	<ul style="list-style-type: none"> Name: minus128_to_minus127 order: 14 Value: 52
[-129,-128]	<ul style="list-style-type: none"> Name: minus129_to_minus128 order: 13 Value: 42
[-130,-129]	<ul style="list-style-type: none"> Name: minus130_to_minus129 order: 12 Value: 74
[-131,-130]	<ul style="list-style-type: none"> Name: minus131_to_minus130 order: 11 Value: 75
[-132,-131]	<ul style="list-style-type: none"> Name: minus132_to_minus131 order: 10 Value: 11
[-133,-132]	<ul style="list-style-type: none"> Name: minus133_to_minus132 order: 9 Value: 88

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Name	Value
[-134,-133]	<ul style="list-style-type: none"> Name: minus134_to_minus133 order: 8 Value: 24
[-135,-134]	<ul style="list-style-type: none"> Name: minus135_to_minus134 order: 7 Value: 44
[-136,-135]	<ul style="list-style-type: none"> Name: minus136_to_minus135 order: 6 Value: 18
[-137,-136]	<ul style="list-style-type: none"> Name: minus137_to_minus136 order: 5 Value: 86
[-138,-137]	<ul style="list-style-type: none"> Name: minus138_to_minus137 order: 4 Value: 55
[-139,-138]	<ul style="list-style-type: none"> Name: minus139_to_minus138 order: 3 Value: 95
[-140,-139]	<ul style="list-style-type: none"> Name: minus140_to_minus139 order: 2 Value: 29
[-45,-44]	<ul style="list-style-type: none"> Name: minus45_to_minus44 order: 94 Value: 33
[-46,-45]	<ul style="list-style-type: none"> Name: minus46_to_minus45 order: 93 Value: 63
[-47,-46]	<ul style="list-style-type: none"> Name: minus47_to_minus46 order: 92 Value: 2
[-48,-47]	<ul style="list-style-type: none"> Name: minus48_to_minus47 order: 92 Value: 83
[-49,-48]	<ul style="list-style-type: none"> Name: minus49_to_minus48 order: 91 Value: 6
[-50,-49]	<ul style="list-style-type: none"> Name: minus50_to_minus49 order: 90 Value: 87
[-51,-50]	<ul style="list-style-type: none"> Name: minus51_to_minus50 order: 89 Value: 4
[-52,-51]	<ul style="list-style-type: none"> Name: minus52_to_minus51 order: 88 Value: 43

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Name	Value
[-53,-52]	<ul style="list-style-type: none"> Name: minus53_to_minus52 order: 87 Value: 72
[-54,-53]	<ul style="list-style-type: none"> Name: minus54_to_minus53 order: 86 Value: 65
[-55,-54]	<ul style="list-style-type: none"> Name: minus55_to_minus54 order: 85 Value: 34
[-56,-55]	<ul style="list-style-type: none"> Name: minus56_to_minus55 order: 84 Value: 1
[-57,-56]	<ul style="list-style-type: none"> Name: minus57_to_minus56 order: 83 Value: 7
[-58,-57]	<ul style="list-style-type: none"> Name: minus58_to_minus57 order: 82 Value: 92
[-59,-58]	<ul style="list-style-type: none"> Name: minus59_to_minus58 order: 81 Value: 76
[-60,-59]	<ul style="list-style-type: none"> Name: minus60_to_minus59 order: 80 Value: 80
[-61,-60]	<ul style="list-style-type: none"> Name: minus61_to_minus60 order: 79 Value: 47
[-62,-61]	<ul style="list-style-type: none"> Name: minus62_to_minus61 order: 78 Value: 96
[-63,-62]	<ul style="list-style-type: none"> Name: minus63_to_minus62 order: 77 Value: 53
[-64,-63]	<ul style="list-style-type: none"> Name: minus64_to_minus63 order: 76 Value: 64
[-65,-64]	<ul style="list-style-type: none"> Name: minus65_to_minus64 order: 75 Value: 5
[-66,-65]	<ul style="list-style-type: none"> Name: minus66_to_minus65 order: 74 Value: 56
[-67,-66]	<ul style="list-style-type: none"> Name: minus67_to_minus66 order: 73 Value: 39

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Name	Value
[-68,-67]	<ul style="list-style-type: none"> Name: minus68_to_minus67 order: 72 Value: 82
[-69,-68]	<ul style="list-style-type: none"> Name: minus69_to_minus68 order: 71 Value: 45
[-70,-69]	<ul style="list-style-type: none"> Name: minus70_to_minus69 order: 70 Value: 0
[-71,-70]	<ul style="list-style-type: none"> Name: minus71_to_minus70 order: 69 Value: 58
[-72,-71]	<ul style="list-style-type: none"> Name: minus72_to_minus71 order: 68 Value: 36
[-73,-72]	<ul style="list-style-type: none"> Name: minus73_to_minus72 order: 67 Value: 62
[-74,-73]	<ul style="list-style-type: none"> Name: minus74_to_minus73 order: 66 Value: 46
[-75,-74]	<ul style="list-style-type: none"> Name: minus75_to_minus74 order: 65 Value: 27
[-76,-75]	<ul style="list-style-type: none"> Name: minus76_to_minus75 order: 64 Value: 71
[-77,-76]	<ul style="list-style-type: none"> Name: minus77_to_minus76 order: 63 Value: 84
[-78,-77]	<ul style="list-style-type: none"> Name: minus78_to_minus77 order: 62 Value: 35
[-79,-78]	<ul style="list-style-type: none"> Name: minus79_to_minus78 order: 61 Value: 25
[-80,-79]	<ul style="list-style-type: none"> Name: minus80_to_minus79 order: 61 Value: 94
[-81,-80]	<ul style="list-style-type: none"> Name: minus81_to_minus80 order: 60 Value: 13
[-82,-81]	<ul style="list-style-type: none"> Name: minus82_to_minus81 order: 59 Value: 97

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Name	Value
[-83,-82]	<ul style="list-style-type: none"> Name: minus83_to_minus82 order: 58 Value: 28
[-84,-83]	<ul style="list-style-type: none"> Name: minus84_to_minus83 order: 57 Value: 90
[-85,-84]	<ul style="list-style-type: none"> Name: minus85_to_minus84 order: 56 Value: 38
[-86,-85]	<ul style="list-style-type: none"> Name: minus86_to_minus85 order: 56 Value: 49
[-87,-86]	<ul style="list-style-type: none"> Name: minus87_to_minus86 order: 55 Value: 12
[-88,-87]	<ul style="list-style-type: none"> Name: minus88_to_minus87 order: 54 Value: 67
[-89,-88]	<ul style="list-style-type: none"> Name: minus89_to_minus88 order: 53 Value: 91
[-90,-89]	<ul style="list-style-type: none"> Name: minus90_to_minus89 order: 52 Value: 37
[-91,-90]	<ul style="list-style-type: none"> Name: minus91_to_minus90 order: 51 Value: 61
[-92,-91]	<ul style="list-style-type: none"> Name: minus92_to_minus91 order: 50 Value: 30
[-93,-92]	<ul style="list-style-type: none"> Name: minus93_to_minus92 order: 49 Value: 60
[-94,-93]	<ul style="list-style-type: none"> Name: minus94_to_minus93 order: 48 Value: 57
[-95,-94]	<ul style="list-style-type: none"> Name: minus95_to_minus94 order: 47 Value: 17
[-96,-95]	<ul style="list-style-type: none"> Name: minus96_to_minus95 order: 46 Value: 21
[-97,-96]	<ul style="list-style-type: none"> Name: minus97_to_minus96 order: 45 Value: 85

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Name	Value
[-98,-97]	<ul style="list-style-type: none"> Name: minus98_to_minus97 order: 44 Value: 93
[-99,-98]	<ul style="list-style-type: none"> Name: minus99_to_minus98 order: 43 Value: 77
less-than-minus140	<ul style="list-style-type: none"> Name: less_than_minus140 order: 1 Value: 40
more-than-minus44	<ul style="list-style-type: none"> Name: more_than_minus44 order: 95 Value: 10

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Table 406-211 RSRQRangeEnum

Name	Value
[-10,-9.5]	<ul style="list-style-type: none"> Name: minus10_to_minus9dot5 order: 21 Value: 9
[-10.5,-10]	<ul style="list-style-type: none"> Name: minus10dot5_to_minus10 order: 20 Value: 32
[-11,-10.5]	<ul style="list-style-type: none"> Name: minus11_to_minus10dot5 order: 19 Value: 20
[-11.5,-11]	<ul style="list-style-type: none"> Name: minus11dot5_to_minus11 order: 18 Value: 7
[-12,-11.5]	<ul style="list-style-type: none"> Name: minus12_to_minus11dot5 order: 17 Value: 10
[-12.5,-12]	<ul style="list-style-type: none"> Name: minus12dot5_to_minus12 order: 16 Value: 16
[-13,-12.5]	<ul style="list-style-type: none"> Name: minus13_to_minus12dot5 order: 15 Value: 30
[-13.5,-13]	<ul style="list-style-type: none"> Name: minus13dot5_to_minus13 order: 14 Value: 15
[-14,-13.5]	<ul style="list-style-type: none"> Name: minus14_to_minus13dot5 order: 13 Value: 34

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Name	Value
[-14.5,-14]	<ul style="list-style-type: none"> Name: minus14dot5_to_minus14 order: 12 Value: 3
[-15,-14.5]	<ul style="list-style-type: none"> Name: minus15_to_minus14dot5 order: 11 Value: 2
[-15.5,-15]	<ul style="list-style-type: none"> Name: minus15dot5_to_minus15 order: 10 Value: 19
[-16,-15.5]	<ul style="list-style-type: none"> Name: minus16_to_minus15dot5 order: 9 Value: 26
[-16.5,-16]	<ul style="list-style-type: none"> Name: minus16dot5_to_minus16 order: 8 Value: 23
[-17,-16.5]	<ul style="list-style-type: none"> Name: minus17_to_minus16dot5 order: 7 Value: 29
[-17.5,-17]	<ul style="list-style-type: none"> Name: minus17dot5_to_minus17 order: 6 Value: 12
[-18,-17.5]	<ul style="list-style-type: none"> Name: minus18_to_minus17dot5 order: 5 Value: 6
[-18.5,-18]	<ul style="list-style-type: none"> Name: minus18dot5_to_minus18 order: 4 Value: 1
[-19,-18.5]	<ul style="list-style-type: none"> Name: minus19_to_minus18dot5 order: 3 Value: 17
[-19.5,-19]	<ul style="list-style-type: none"> Name: minus19dot5_to_minus19 order: 2 Value: 33
[-3.5,-3]	<ul style="list-style-type: none"> Name: minus3dot5_to_minus3 order: 34 Value: 14
[-4,-3.5]	<ul style="list-style-type: none"> Name: minus4_to_minus3dot5 order: 33 Value: 31
[-4.5,-4]	<ul style="list-style-type: none"> Name: minus4dot5_to_minus4 order: 32 Value: 27
[-5,-4.5]	<ul style="list-style-type: none"> Name: minus5_to_minus4dot5 order: 31 Value: 25

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Name	Value
[-5.5,-5]	<ul style="list-style-type: none"> Name: minus5dot5_to_minus5 order: 30 Value: 4
[-6,-5.5]	<ul style="list-style-type: none"> Name: minus6_to_minus5dot5 order: 29 Value: 28
[-6.5,-6]	<ul style="list-style-type: none"> Name: minus6dot5_to_minus6 order: 28 Value: 22
[-7,-6.5]	<ul style="list-style-type: none"> Name: minus7_to_minus6dot5 order: 27 Value: 8
[-7.5,-7]	<ul style="list-style-type: none"> Name: minus7dot5_to_minus7 order: 26 Value: 13
[-8,-7.5]	<ul style="list-style-type: none"> Name: minus8_to_minus7dot5 order: 25 Value: 0
[-8.5,-8]	<ul style="list-style-type: none"> Name: minus8dot5_to_minus8 order: 25 Value: 18
[-9,-8.5]	<ul style="list-style-type: none"> Name: minus9_to_minus8dot5 order: 23 Value: 21
[-9.5,-9]	<ul style="list-style-type: none"> Name: minus9dot5_to_minus9 order: 22 Value: 24
Less Than -19.5	<ul style="list-style-type: none"> Name: less_than_minus19dot5 order: 1 Value: 5
More Than -3	<ul style="list-style-type: none"> Name: more_than_minus3 order: 35 Value: 11

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Table 406-212 SchedulerModeEnum

Name	Value
Strict Priority	<ul style="list-style-type: none"> Name: StrictPriority Value: 0

Table 406-213 ScheduleTypeEnum

Name	Value
Daily	<ul style="list-style-type: none"> Name: daily Value: 1
None	<ul style="list-style-type: none"> Name: none Value: 0
Weekly	<ul style="list-style-type: none"> Name: weekly Value: 2

Table 406-214 SegmentType

Name	Value
eNodeB - NE	<ul style="list-style-type: none"> Name: enodebToNe Value: 1
NE - NE	<ul style="list-style-type: none"> Name: neToNe Value: 2
NE - SGW	<ul style="list-style-type: none"> Name: neToSgw Value: 3
Other	<ul style="list-style-type: none"> Name: other selectable: no Value: 0
PGW - PCRF	<ul style="list-style-type: none"> Name: pgwToPcrf Value: 6
SGW - MME	<ul style="list-style-type: none"> Name: sgwToMme Value: 5
SGW - PGW	<ul style="list-style-type: none"> Name: sgwToPgw Value: 4

Table 406-215 ServiceProfileenum

Name	Value
1-GBR	<ul style="list-style-type: none"> Name: 1_GBR Value: 7
2-GBR	<ul style="list-style-type: none"> Name: 2_GBR Value: 6
3-GBR	<ul style="list-style-type: none"> Name: 3_GBR Value: 4
4-GBR	<ul style="list-style-type: none"> Name: 4_GBR Value: 8
5-non-GBR	<ul style="list-style-type: none"> Name: 5_non_GBR Value: 3

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Name	Value
6-non-GBR	<ul style="list-style-type: none"> Name: 6_non_GBR Value: 1
7-non-GBR	<ul style="list-style-type: none"> Name: 7_non_GBR Value: 5
8-non-GBR	<ul style="list-style-type: none"> Name: 8_non_GBR Value: 2
9-non-GBR	<ul style="list-style-type: none"> Name: 9_non_GBR Value: 10
OAM	<ul style="list-style-type: none"> Name: OAM Value: 0
SCTP	<ul style="list-style-type: none"> Name: SCTP Value: 9

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Table 406-216 ServiceTypeEnum

Name	Value
CS Fallback	<ul style="list-style-type: none"> Name: csFallback Value: 1
Csfb By Connected UE	<ul style="list-style-type: none"> Name: csfbByConnectedUE Value: 5
Csfb By Idle UE	<ul style="list-style-type: none"> Name: csfbByIdleUE Value: 3
Emergency Call CS Fallback	<ul style="list-style-type: none"> Name: emergencyCallCsFallback Value: 2
Emergency Csfb By Connected UE	<ul style="list-style-type: none"> Name: emergencyCsfbByConnectedUE Value: 6
Emergency Csfb By Idle UE	<ul style="list-style-type: none"> Name: emergencyCsfbByIdleUE Value: 4
VoIP	<ul style="list-style-type: none"> Name: volp Value: 0

Table 406-217 SfnPhaseSyncEnableEnum

Name	Value
Frequency Sync Only	<ul style="list-style-type: none"> Name: freqSyncOnly Value: 0
Phase Sync Enabled	<ul style="list-style-type: none"> Name: phaseSyncEnabled Value: 1

Table 406-218 SfnSyncOptionEnum

Name	Value
Frequency And Phase Sync Enabled	<ul style="list-style-type: none"> Name: FreqAndPhaseSyncEnabled Value: 1
Frequency Sync Only	<ul style="list-style-type: none"> Name: FreqSyncOnly Value: 0
Frequency, Phase, and Time Of Day Sync Enabled	<ul style="list-style-type: none"> Name: FreqAndPhaseAndTimeOfDaySyncEnabled Value: 2

Table 406-219 SibClassPeriodicityEnum

Name	Value
Rf 128	<ul style="list-style-type: none"> Name: rf128 order: 5 Value: 4
Rf 16	<ul style="list-style-type: none"> Name: rf16 order: 2 Value: 1
Rf 256	<ul style="list-style-type: none"> Name: rf256 order: 6 Value: 5
Rf 32	<ul style="list-style-type: none"> Name: rf32 order: 3 Value: 2
Rf 512	<ul style="list-style-type: none"> Name: rf512 order: 7 Value: 6
Rf 64	<ul style="list-style-type: none"> Name: rf64 order: 4 Value: 3
Rf 8	<ul style="list-style-type: none"> Name: rf8 order: 1 Value: 0

Table 406-220 SIBorMeasObjectUsageEnum

Name	Value
Measurement Object Only	<ul style="list-style-type: none"> Name: MeasObject_only Value: 1
SIB and Measurement Object	<ul style="list-style-type: none"> Name: SIB_and_MeasObject Value: 2

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Name	Value
SIB Only	<ul style="list-style-type: none">• Name: SIB_only• Value: 0

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Table 406-221 SibPeriodicityEnum

Name	Value
Rf 128	<ul style="list-style-type: none">• Name: rf128• Value: 6
Rf 16	<ul style="list-style-type: none">• Name: rf16• Value: 3
Rf 256	<ul style="list-style-type: none">• Name: rf256• Value: 5
Rf 32	<ul style="list-style-type: none">• Name: rf32• Value: 1
Rf 512	<ul style="list-style-type: none">• Name: rf512• Value: 0
Rf 64	<ul style="list-style-type: none">• Name: rf64• Value: 2
Rf 8	<ul style="list-style-type: none">• Name: rf8• Value: 4

Table 406-222 SignallingMCSEnum

Name	Value
N13	<ul style="list-style-type: none">• Name: n13• Value: 2
N19	<ul style="list-style-type: none">• Name: n19• Value: 3
N2	<ul style="list-style-type: none">• Name: n2• Value: 0
N7	<ul style="list-style-type: none">• Name: n7• Value: 1

Table 406-223 SinrOffsetFlagEnum

Name	Value
L1-measurement	<ul style="list-style-type: none">• Name: L1_measurement• Value: 0

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Name	Value
OA M- Configuration	<ul style="list-style-type: none"> Name: OAM_Configuration Value: 1

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Table 406-224 SpecialSubframePatternsEnum

Name	Value
Pattern 5	<ul style="list-style-type: none"> Name: ssp5 Value: 0
Pattern 7	<ul style="list-style-type: none"> Name: ssp7 Value: 1
Pattern 8	<ul style="list-style-type: none"> Name: ssp8 Value: 2

Table 406-225 SpeedFactorsHighEnum

Name	Value
0.25	<ul style="list-style-type: none"> Name: oDot25 order: 2 Value: 1
0.5	<ul style="list-style-type: none"> Name: oDot5 order: 3 Value: 3
0.75	<ul style="list-style-type: none"> Name: oDot75 order: 4 Value: 2
Less Than 0	<ul style="list-style-type: none"> Name: lDot0 order: 1 Value: 0

Table 406-226 SpeedFactorsMediumEnum

Name	Value
0.25	<ul style="list-style-type: none"> Name: oDot25 order: 2 Value: 1
0.5	<ul style="list-style-type: none"> Name: oDot5 order: 3 Value: 3

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Name	Value
0.75	<ul style="list-style-type: none">• Name: oDot75• order: 4• Value: 2
Less Than 0	<ul style="list-style-type: none">• Name: lDot0• order: 1• Value: 0

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Table 406-227 SrlInitPeriodEnum

Name	Value
10 sf	<ul style="list-style-type: none">• Name: 10sf• order: 2• Value: 1
1sf	<ul style="list-style-type: none">• Name: 1sf• Value: 6
20 sf	<ul style="list-style-type: none">• Name: 20sf• order: 3• Value: 2
2sf	<ul style="list-style-type: none">• Name: 2sf• Value: 5
40 sf	<ul style="list-style-type: none">• Name: 40sf• order: 4• Value: 3
5 sf	<ul style="list-style-type: none">• Name: 5sf• order: 1• Value: 0
80 sf	<ul style="list-style-type: none">• Name: 80sf• order: 5• Value: 4

Table 406-228 SRPeriodicityEnum

Name	Value
10 ms	<ul style="list-style-type: none">• Name: 10ms• order: 2• Value: 1
20 ms	<ul style="list-style-type: none">• Name: 20ms• order: 3• Value: 2
40 ms	<ul style="list-style-type: none">• Name: 40ms• order: 4• Value: 3

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Name	Value
5 ms	<ul style="list-style-type: none"> Name: 5ms order: 1 Value: 0
80 ms	<ul style="list-style-type: none"> Name: 80ms order: 5 Value: 4
Infinite	<ul style="list-style-type: none"> Name: infinite order: 6 Value: 5

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Table 406-229 SrsBandwidthConfigurationEnum

Name	Value
Bw0	<ul style="list-style-type: none"> Name: bw0 Value: 4
Bw2	<ul style="list-style-type: none"> Name: bw2 Value: 0
Bw3	<ul style="list-style-type: none"> Name: bw3 Value: 3
Bw6	<ul style="list-style-type: none"> Name: bw6 Value: 2
Bw7	<ul style="list-style-type: none"> Name: bw7 Value: 1
Bw	<ul style="list-style-type: none"> Name: bw Value: 5

Table 406-230 SrsBandwidthEnum

Name	Value
Bw0	<ul style="list-style-type: none"> Name: bw0 Value: 0
Bw1	<ul style="list-style-type: none"> Name: bw1 Value: 1
Bw2	<ul style="list-style-type: none"> Name: bw2 Value: 2
Bw3	<ul style="list-style-type: none"> Name: bw3 Value: 3

Table 406-231 SRSdurationEnum

Name	Value
Infinite	<ul style="list-style-type: none">• Name: infinite• Value: 0
One Shot	<ul style="list-style-type: none">• Name: oneshot• Value: 1

Table 406-232 SrsHoppingBandwidthEnum

Name	Value
Hbw0	<ul style="list-style-type: none">• Name: hbw0• Value: 0
Hbw1	<ul style="list-style-type: none">• Name: hbw1• Value: 1
Hbw2	<ul style="list-style-type: none">• Name: hbw2• Value: 2
Hbw3	<ul style="list-style-type: none">• Name: hbw3• Value: 3

Table 406-233 SrsInitPeriodEnum

Name	Value
10 sf	<ul style="list-style-type: none">• Name: 10sf• order: 2• Value: 1
20 sf	<ul style="list-style-type: none">• Name: 20sf• order: 3• Value: 2
40 sf	<ul style="list-style-type: none">• Name: 40sf• order: 4• Value: 3
5 sf	<ul style="list-style-type: none">• Name: 5sf• order: 1• Value: 0
80 sf	<ul style="list-style-type: none">• Name: 80sf• order: 5• Value: 4

Table 406-234 SRSPeriodicityEnum

Name	Value
10 ms	<ul style="list-style-type: none"> Name: 10ms Value: 2
160ms	<ul style="list-style-type: none"> Name: 160ms Value: 6
2 ms	<ul style="list-style-type: none"> Name: 2ms Value: 0
20ms	<ul style="list-style-type: none"> Name: 20ms Value: 3
320ms	<ul style="list-style-type: none"> Name: 320ms Value: 7
40ms	<ul style="list-style-type: none"> Name: 40ms Value: 4
5 ms	<ul style="list-style-type: none"> Name: 5ms Value: 1
80ms	<ul style="list-style-type: none"> Name: 80ms Value: 5

Table 406-235 SrsSubframeConfigurationEnum

Name	Value
Configuration 0	<ul style="list-style-type: none"> Name: sc0 Value: 0
Configuration 1	<ul style="list-style-type: none"> Name: sc1 Value: 1
Configuration 4	<ul style="list-style-type: none"> Name: sc4 Value: 2

Table 406-236 SubframeAssignmentEnum

Name	Value
Assignment 1	<ul style="list-style-type: none"> Name: sa1 Value: 0
Assignment 2	<ul style="list-style-type: none"> Name: sa2 Value: 1
Sa3	<ul style="list-style-type: none"> Name: sa3 Value: 2

Table 406-237 SupportedBandUltraFddEnum

Name	Value
Band I	<ul style="list-style-type: none"> Name: bandI order: 1 Value: 6
Band II	<ul style="list-style-type: none"> Name: bandII order: 2 Value: 2
Band III	<ul style="list-style-type: none"> Name: bandIII order: 3 Value: 3
Band IV	<ul style="list-style-type: none"> Name: bandIV order: 4 Value: 8
Band IX	<ul style="list-style-type: none"> Name: bandIX order: 9 Value: 10
Band V	<ul style="list-style-type: none"> Name: bandV order: 5 Value: 13
Band VI	<ul style="list-style-type: none"> Name: bandVI order: 6 Value: 0
Band VII	<ul style="list-style-type: none"> Name: bandVII order: 7 Value: 4
Band VIII	<ul style="list-style-type: none"> Name: bandVIII order: 8 Value: 9
Band X	<ul style="list-style-type: none"> Name: bandX order: 10 Value: 15
Band XI	<ul style="list-style-type: none"> Name: bandXI order: 11 Value: 5
Band XII	<ul style="list-style-type: none"> Name: bandXII order: 12 Value: 7
Band XIII	<ul style="list-style-type: none"> Name: bandXIII order: 13 Value: 11
Band XIV	<ul style="list-style-type: none"> Name: bandXIV order: 14 Value: 1
Band XV	<ul style="list-style-type: none"> Name: bandXV order: 15 Value: 14

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Name	Value
Band XVI	<ul style="list-style-type: none"> • Name: bandXVI • order: 16 • Value: 12

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Table 406-238 SupportedBandUtraTddEnum

Name	Value
A	<ul style="list-style-type: none"> • Name: a • order: 1 • Value: 6
B	<ul style="list-style-type: none"> • Name: b • order: 2 • Value: 4
C	<ul style="list-style-type: none"> • Name: c • order: 3 • Value: 5
D	<ul style="list-style-type: none"> • Name: d • order: 4 • Value: 2
E	<ul style="list-style-type: none"> • Name: e • order: 5 • Value: 3
F	<ul style="list-style-type: none"> • Name: f • order: 6 • Value: 0
G	<ul style="list-style-type: none"> • Name: g • order: 7 • Value: 1
H	<ul style="list-style-type: none"> • Name: h • order: 8 • Value: 12
I	<ul style="list-style-type: none"> • Name: i • order: 9 • Value: 13
J	<ul style="list-style-type: none"> • Name: j • order: 10 • Value: 10
K	<ul style="list-style-type: none"> • Name: k • order: 11 • Value: 11
L	<ul style="list-style-type: none"> • Name: l • order: 12 • Value: 8

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Name	Value
M	<ul style="list-style-type: none">• Name: m• order: 13• Value: 9
N	<ul style="list-style-type: none">• Name: n• order: 14• Value: 7

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Table 406-239 SystemBandwidthEnum

Name	Value
100 Blocks (20 MHz)	<ul style="list-style-type: none">• Name: n100_20MHz• order: 6• Value: 2
15 Blocks (3 MHz)	<ul style="list-style-type: none">• Name: n15_3MHz• order: 2• Value: 0
25 Blocks (5 MHz)	<ul style="list-style-type: none">• Name: n25_5MHz• order: 3• Value: 1
50 Blocks (10 MHz)	<ul style="list-style-type: none">• Name: n50_10MHz• order: 4• Value: 3
6 Blocks (1.4 MHz)	<ul style="list-style-type: none">• Name: n6_1_4MHz• order: 1• Value: 4
75 Blocks (15 MHz)	<ul style="list-style-type: none">• Name: n75_15MHz• order: 5• Value: 5

Table 406-240 SystemBandwidthEnumDL

Name	Value
100 Blocks (20 MHz)	<ul style="list-style-type: none">• Name: n100_20MHz• order: 6• Value: 2
15 Blocks (3 MHz)	<ul style="list-style-type: none">• Name: n15_3MHz• order: 2• Value: 0
25 Blocks (5 MHz)	<ul style="list-style-type: none">• Name: n25_5MHz• order: 3• Value: 1

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Name	Value
50 Blocks (10 MHz)	<ul style="list-style-type: none"> Name: n50_10MHz order: 4 Value: 3
6 Blocks (1.4 MHz)	<ul style="list-style-type: none"> Name: n6_1_4MHz order: 1 Value: 4
75 Blocks (15 MHz)	<ul style="list-style-type: none"> Name: n75_15MHz order: 5 Value: 5

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Table 406-241 SystemBandwidthEnumUI

Name	Value
100 Blocks (20 MHz)	<ul style="list-style-type: none"> Name: n100_20MHz order: 6 Value: 2
15 Blocks (3 MHz)	<ul style="list-style-type: none"> Name: n15_3MHz order: 2 Value: 0
25 Blocks (5 MHz)	<ul style="list-style-type: none"> Name: n25_5MHz order: 3 Value: 1
50 Blocks (10 MHz)	<ul style="list-style-type: none"> Name: n50_10MHz order: 4 Value: 3
6 Blocks (1.4 MHz)	<ul style="list-style-type: none"> Name: n6_1_4MHz order: 1 Value: 4
75 Blocks (15 MHz)	<ul style="list-style-type: none"> Name: n75_15MHz order: 5 Value: 5

Table 406-242 T300Enum

Name	Value
100 ms	<ul style="list-style-type: none"> Name: ms100 order: 1 Value: 6
1000 ms	<ul style="list-style-type: none"> Name: ms1000 order: 7 Value: 3

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Name	Value
1500 ms	<ul style="list-style-type: none">• Name: ms1500• order: 8• Value: 5
200 ms	<ul style="list-style-type: none">• Name: ms200• order: 2• Value: 7
2000 ms	<ul style="list-style-type: none">• Name: ms2000• order: 9• Value: 0
300 ms	<ul style="list-style-type: none">• Name: ms300• order: 3• Value: 4
400 ms	<ul style="list-style-type: none">• Name: ms400• order: 4• Value: 2
600 ms	<ul style="list-style-type: none">• Name: ms600• order: 5• Value: 1

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Table 406-243 T301Enum

Name	Value
100 ms	<ul style="list-style-type: none">• Name: ms100• order: 1• Value: 6
1000 ms	<ul style="list-style-type: none">• Name: ms1000• order: 6• Value: 3
1500 ms	<ul style="list-style-type: none">• Name: ms1500• order: 7• Value: 5
200 ms	<ul style="list-style-type: none">• Name: ms200• order: 2• Value: 7
2000 ms	<ul style="list-style-type: none">• Name: ms2000• order: 8• Value: 0
300 ms	<ul style="list-style-type: none">• Name: ms300• order: 3• Value: 4
400 ms	<ul style="list-style-type: none">• Name: ms400• order: 4• Value: 2

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Name	Value
600 ms	<ul style="list-style-type: none"> • Name: ms600 • order: 5 • Value: 1

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Table 406-244 T304CellChangeOrderEnum

Name	Value
Timer 100 ms	<ul style="list-style-type: none"> • Name: Timer100MS • order: 1 • Value: 0
Timer 1000 ms	<ul style="list-style-type: none"> • Name: Timer1000MS • order: 4 • Value: 3
Timer 200 ms	<ul style="list-style-type: none"> • Name: Timer200MS • order: 2 • Value: 1
Timer 2000 ms	<ul style="list-style-type: none"> • Name: Timer2000MS • order: 5 • Value: 4
Timer 4000 ms	<ul style="list-style-type: none"> • Name: Timer4000MS • order: 6 • Value: 5
Timer 500 ms	<ul style="list-style-type: none"> • Name: Timer500MS • order: 3 • Value: 2
Timer 8000 ms	<ul style="list-style-type: none"> • Name: Timer8000MS • order: 7 • Value: 6

Table 406-245 T304Enum

Name	Value
Timer 100 ms	<ul style="list-style-type: none"> • Name: Timer100MS • order: 2 • Value: 5
Timer 1000 ms	<ul style="list-style-type: none"> • Name: Timer1000MS • order: 6 • Value: 4
Timer 150 ms	<ul style="list-style-type: none"> • Name: Timer150MS • order: 3 • Value: 8

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Name	Value
Timer 200 ms	<ul style="list-style-type: none"> Name: Timer200MS order: 4 Value: 6
Timer 2000 ms	<ul style="list-style-type: none"> Name: Timer2000MS order: 7 Value: 0
Timer 4000 ms	<ul style="list-style-type: none"> Name: Timer4000MS order: 8 Value: 1
Timer 50 ms	<ul style="list-style-type: none"> Name: Timer50MS order: 1 Value: 7
Timer 500 ms	<ul style="list-style-type: none"> Name: Timer500MS order: 5 Value: 2
Timer 8000 ms	<ul style="list-style-type: none"> Name: Timer8000MS order: 9 Value: 3

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Table 406-246 T310Enum

Name	Value
0 ms	<ul style="list-style-type: none"> Name: ms0 order: 0 Value: 6
100 ms	<ul style="list-style-type: none"> Name: ms100 order: 2 Value: 2
1000 ms	<ul style="list-style-type: none"> Name: ms1000 order: 5 Value: 1
200 ms	<ul style="list-style-type: none"> Name: ms200 order: 3 Value: 3
2000 ms	<ul style="list-style-type: none"> Name: ms2000 order: 6 Value: 0
50 ms	<ul style="list-style-type: none"> Name: ms50 order: 1 Value: 4
500 ms	<ul style="list-style-type: none"> Name: ms500 order: 4 Value: 5

Table 406-247 T311Enum

Name	Value
1000 ms	<ul style="list-style-type: none"> Name: ms1000 order: 1 Value: 2
10000 ms	<ul style="list-style-type: none"> Name: ms10000 order: 4 Value: 5
15000 ms	<ul style="list-style-type: none"> Name: ms15000 order: 5 Value: 3
20000 ms	<ul style="list-style-type: none"> Name: ms20000 order: 6 Value: 0
3000 ms	<ul style="list-style-type: none"> Name: ms3000 order: 2 Value: 4
30000 ms	<ul style="list-style-type: none"> Name: ms30000 order: 7 Value: 6
5000 ms	<ul style="list-style-type: none"> Name: ms5000 order: 3 Value: 1

Table 406-248 TddAckNackFeedbackModeEnum

Name	Value
Bundling	<ul style="list-style-type: none"> Name: bundling Value: 0
Multiplexing	<ul style="list-style-type: none"> Name: multiplexing Value: 1

Table 406-249 TEvaluationEnum

Name	Value
120 s	<ul style="list-style-type: none"> Name: s120 order: 3 Value: 3
180 s	<ul style="list-style-type: none"> Name: s180 order: 4 Value: 0

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Name	Value
240 s	<ul style="list-style-type: none"> Name: s240 order: 5 Value: 1
30 s	<ul style="list-style-type: none"> Name: s30 order: 1 Value: 2
60 s	<ul style="list-style-type: none"> Name: s60 order: 2 Value: 4

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Table 406-250 Threshold2UltraEcN0Enum

Name	Value
[-0.5,zero]	<ul style="list-style-type: none"> Name: minus0dot5_to_zero Value: 32
[-1,-0.5]	<ul style="list-style-type: none"> Name: minus1_to_minus0dot5 Value: 33
[-1.5,-1]	<ul style="list-style-type: none"> Name: minus1dot5_to_minus1 Value: 14
[-10,-9.5]	<ul style="list-style-type: none"> Name: minus10_to_minus9dot5 Value: 30
[-10.5,-10]	<ul style="list-style-type: none"> Name: minus10dot5_to_minus10 Value: 22
[-11,-10.5]	<ul style="list-style-type: none"> Name: minus11_to_minus10dot5 Value: 16
[-11.5,-11]	<ul style="list-style-type: none"> Name: minus11dot5_to_minus11 Value: 29
[-12,-11.5]	<ul style="list-style-type: none"> Name: minus12_to_minus11dot5 Value: 9
[-12.5,-12]	<ul style="list-style-type: none"> Name: minus12dot5_to_minus12 Value: 35
[-13,-12.5]	<ul style="list-style-type: none"> Name: minus13_to_minus12dot5 Value: 19
[-13.5,-13]	<ul style="list-style-type: none"> Name: minus13dot5_to_minus13 Value: 34
[-14,-13.5]	<ul style="list-style-type: none"> Name: minus14_to_minus13dot5 Value: 23
[-14.5,-14]	<ul style="list-style-type: none"> Name: minus14dot5_to_minus14 Value: 4
[-15,-14.5]	<ul style="list-style-type: none"> Name: minus15_to_minus14dot5 Value: 3
[-15.5,-15]	<ul style="list-style-type: none"> Name: minus15dot5_to_minus15 Value: 38

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Name	Value
[-16,-15.5]	<ul style="list-style-type: none"> Name: minus16_to_minus15dot5 Value: 43
[-16.5,-16]	<ul style="list-style-type: none"> Name: minus16dot5_to_minus16 Value: 40
[-17,-16.5]	<ul style="list-style-type: none"> Name: minus17_to_minus16dot5 Value: 20
[-17.5,-17]	<ul style="list-style-type: none"> Name: minus17dot5_to_minus17 Value: 11
[-18,-17.5]	<ul style="list-style-type: none"> Name: minus18_to_minus17dot5 Value: 27
[-18.5,-18]	<ul style="list-style-type: none"> Name: minus18dot5_to_minus18 Value: 25
[-19,-18.5]	<ul style="list-style-type: none"> Name: minus19_to_minus18dot5 Value: 36
[-19.5,-19]	<ul style="list-style-type: none"> Name: minus19dot5_to_minus19 Value: 49
[-2,-1.5]	<ul style="list-style-type: none"> Name: minus2_to_minus1dot5 Value: 6
[-2.5,-2]	<ul style="list-style-type: none"> Name: minus2dot5_to_minus2 Value: 46
[-20,-19.5]	<ul style="list-style-type: none"> Name: minus20_to_minus19dot5 Value: 1
[-20.5,-20]	<ul style="list-style-type: none"> Name: minus20dot5_to_minus20 Value: 47
[-21,-20.5]	<ul style="list-style-type: none"> Name: minus21_to_minus20dot5 Value: 5
[-21.5,-21]	<ul style="list-style-type: none"> Name: minus21dot5_to_minus21 Value: 15
[-22,-21.5]	<ul style="list-style-type: none"> Name: minus22_to_minus21dot5 Value: 0
[-22.5,-22]	<ul style="list-style-type: none"> Name: minus22dot5_to_minus22 Value: 42
[-23,-22.5]	<ul style="list-style-type: none"> Name: minus23_to_minus22dot5 Value: 7
[-23.5,-23]	<ul style="list-style-type: none"> Name: minus23dot5_to_minus23 Value: 48
[-24,-23.5]	<ul style="list-style-type: none"> Name: minus24_to_minus23dot5 Value: 31
[-3,-2.5]	<ul style="list-style-type: none"> Name: minus3_to_minus2dot5 Value: 28
[-3.5,-3]	<ul style="list-style-type: none"> Name: minus3dot5_to_minus3 Value: 13
[-4,-3.5]	<ul style="list-style-type: none"> Name: minus4_to_minus3dot5 Value: 21

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Name	Value
[-4.5,-4]	<ul style="list-style-type: none"> Name: minus4dot5_to_minus4 Value: 18
[-5,-4.5]	<ul style="list-style-type: none"> Name: minus5_to_minus4dot5 Value: 44
[-5.5,-5]	<ul style="list-style-type: none"> Name: minus5dot5_to_minus5 Value: 26
[-6,-5.5]	<ul style="list-style-type: none"> Name: minus6_to_minus5dot5 Value: 45
[-6.5,-6]	<ul style="list-style-type: none"> Name: minus6dot5_to_minus6 Value: 41
[-7,-6.5]	<ul style="list-style-type: none"> Name: minus7_to_minus6dot5 Value: 8
[-7.5,-7]	<ul style="list-style-type: none"> Name: minus7dot5_to_minus7 Value: 12
[-8,-7.5]	<ul style="list-style-type: none"> Name: minus8_to_minus7dot5 Value: 24
[-8.5,-8]	<ul style="list-style-type: none"> Name: minus8dot5_to_minus8 Value: 37
[-9,-8.5]	<ul style="list-style-type: none"> Name: minus9_to_minus8dot5 Value: 39
[-9.5,-9]	<ul style="list-style-type: none"> Name: minus9dot5_to_minus9 Value: 17
Less Than -24	<ul style="list-style-type: none"> Name: less_than_minus24 Value: 2
More Than 0	<ul style="list-style-type: none"> Name: more_than_zero Value: 10

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Table 406-251 Threshold2UtraRscpEnum

Name	Value
[-100,-99]	<ul style="list-style-type: none"> Name: minus100_to_minus99 Value: 18
[-101,-100]	<ul style="list-style-type: none"> Name: minus101_to_minus100 Value: 29
[-102,-101]	<ul style="list-style-type: none"> Name: minus102_to_minus101 Value: 24
[-103,-102]	<ul style="list-style-type: none"> Name: minus103_to_minus102 Value: 47
[-104,-103]	<ul style="list-style-type: none"> Name: minus104_to_minus103 Value: 66
[-105,-104]	<ul style="list-style-type: none"> Name: minus105_to_minus104 Value: 76

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Name	Value
[-106,-105]	<ul style="list-style-type: none"> Name: minus106_to_minus105 Value: 9
[-107,-106]	<ul style="list-style-type: none"> Name: minus107_to_minus106 Value: 83
[-108,-107]	<ul style="list-style-type: none"> Name: minus108_to_minus107 Value: 20
[-109,-108]	<ul style="list-style-type: none"> Name: minus109_to_minus108 Value: 22
[-110,-109]	<ul style="list-style-type: none"> Name: minus110_to_minus109 Value: 39
[-111,-110]	<ul style="list-style-type: none"> Name: minus111_to_minus110 Value: 55
[-112,-111]	<ul style="list-style-type: none"> Name: minus112_to_minus111 Value: 67
[-113,-112]	<ul style="list-style-type: none"> Name: minus113_to_minus112 Value: 45
[-114,-113]	<ul style="list-style-type: none"> Name: minus114_to_minus113 Value: 70
[-115,-114]	<ul style="list-style-type: none"> Name: minus115_to_minus114 Value: 51
[-116,-115]	<ul style="list-style-type: none"> Name: minus116_to_minus115 Value: 13
[-117,-116]	<ul style="list-style-type: none"> Name: minus117_to_minus116 Value: 16
[-118,-117]	<ul style="list-style-type: none"> Name: minus118_to_minus117 Value: 77
[-119,-118]	<ul style="list-style-type: none"> Name: minus119_to_minus118 Value: 8
[-120,-119]	<ul style="list-style-type: none"> Name: minus120_to_minus119 Value: 15
[-26,-25]	<ul style="list-style-type: none"> Name: minus26_to_minus25 Value: 75
[-27,-26]	<ul style="list-style-type: none"> Name: minus27_to_minus26 Value: 80
[-28,-27]	<ul style="list-style-type: none"> Name: minus28_to_minus27 Value: 14
[-29,-28]	<ul style="list-style-type: none"> Name: minus29_to_minus28 Value: 49
[-30,-29]	<ul style="list-style-type: none"> Name: minus30_to_minus29 Value: 41
[-31,-30]	<ul style="list-style-type: none"> Name: minus31_to_minus30 Value: 21
[-32,-31]	<ul style="list-style-type: none"> Name: minus32_to_minus31 Value: 82

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Name	Value
[-33,-32]	<ul style="list-style-type: none"> Name: minus33_to_minus32 Value: 48
[-34,-33]	<ul style="list-style-type: none"> Name: minus34_to_minus33 Value: 35
[-35,-34]	<ul style="list-style-type: none"> Name: minus35_to_minus34 Value: 26
[-36,-35]	<ul style="list-style-type: none"> Name: minus36_to_minus35 Value: 4
[-37,-36]	<ul style="list-style-type: none"> Name: minus37_to_minus36 Value: 71
[-38,-37]	<ul style="list-style-type: none"> Name: minus38_to_minus37 Value: 57
[-39,-38]	<ul style="list-style-type: none"> Name: minus39_to_minus38 Value: 72
[-40,-39]	<ul style="list-style-type: none"> Name: minus40_to_minus39 Value: 79
[-41,-40]	<ul style="list-style-type: none"> Name: minus41_to_minus40 Value: 11
[-42,-41]	<ul style="list-style-type: none"> Name: minus42_to_minus41 Value: 95
[-43,-42]	<ul style="list-style-type: none"> Name: minus43_to_minus42 Value: 59
[-44,-43]	<ul style="list-style-type: none"> Name: minus44_to_minus43 Value: 81
[-45,-44]	<ul style="list-style-type: none"> Name: minus45_to_minus44 Value: 30
[-46,-45]	<ul style="list-style-type: none"> Name: minus46_to_minus45 Value: 61
[-47,-46]	<ul style="list-style-type: none"> Name: minus47_to_minus46 Value: 2
[-48,-47]	<ul style="list-style-type: none"> Name: minus48_to_minus47 Value: 85
[-49,-48]	<ul style="list-style-type: none"> Name: minus49_to_minus48 Value: 6
[-50,-49]	<ul style="list-style-type: none"> Name: minus50_to_minus49 Value: 88
[-51,-50]	<ul style="list-style-type: none"> Name: minus51_to_minus50 Value: 3
[-52,-51]	<ul style="list-style-type: none"> Name: minus52_to_minus51 Value: 40
[-53,-52]	<ul style="list-style-type: none"> Name: minus53_to_minus52 Value: 69
[-54,-53]	<ul style="list-style-type: none"> Name: minus54_to_minus53 Value: 63

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Name	Value
[-55,-54]	<ul style="list-style-type: none"> Name: minus55_to_minus54 Value: 32
[-56,-55]	<ul style="list-style-type: none"> Name: minus56_to_minus55 Value: 1
[-57,-56]	<ul style="list-style-type: none"> Name: minus57_to_minus56 Value: 7
[-58,-57]	<ul style="list-style-type: none"> Name: minus58_to_minus57 Value: 91
[-59,-58]	<ul style="list-style-type: none"> Name: minus59_to_minus58 Value: 73
[-60,-59]	<ul style="list-style-type: none"> Name: minus60_to_minus59 Value: 78
[-61,-60]	<ul style="list-style-type: none"> Name: minus61_to_minus60 Value: 44
[-62,-61]	<ul style="list-style-type: none"> Name: minus62_to_minus61 Value: 94
[-63,-62]	<ul style="list-style-type: none"> Name: minus63_to_minus62 Value: 50
[-64,-63]	<ul style="list-style-type: none"> Name: minus64_to_minus63 Value: 62
[-65,-64]	<ul style="list-style-type: none"> Name: minus65_to_minus64 Value: 5
[-66,-65]	<ul style="list-style-type: none"> Name: minus66_to_minus65 Value: 52
[-67,-66]	<ul style="list-style-type: none"> Name: minus67_to_minus66 Value: 38
[-68,-67]	<ul style="list-style-type: none"> Name: minus68_to_minus67 Value: 84
[-69,-68]	<ul style="list-style-type: none"> Name: minus69_to_minus68 Value: 42
[-70,-69]	<ul style="list-style-type: none"> Name: minus70_to_minus69 Value: 0
[-71,-70]	<ul style="list-style-type: none"> Name: minus71_to_minus70 Value: 54
[-72,-71]	<ul style="list-style-type: none"> Name: minus72_to_minus71 Value: 34
[-73,-72]	<ul style="list-style-type: none"> Name: minus73_to_minus72 Value: 60
[-74,-73]	<ul style="list-style-type: none"> Name: minus74_to_minus73 Value: 43
[-75,-74]	<ul style="list-style-type: none"> Name: minus75_to_minus74 Value: 25
[-76,-75]	<ul style="list-style-type: none"> Name: minus76_to_minus75 Value: 68

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Name	Value
[-77,-76]	<ul style="list-style-type: none"> Name: minus77_to_minus76 Value: 86
[-78,-77]	<ul style="list-style-type: none"> Name: minus78_to_minus77 Value: 33
[-79,-78]	<ul style="list-style-type: none"> Name: minus79_to_minus78 Value: 23
[-80,-79]	<ul style="list-style-type: none"> Name: minus80_to_minus79 Value: 93
[-81,-80]	<ul style="list-style-type: none"> Name: minus81_to_minus80 Value: 12
[-82,-81]	<ul style="list-style-type: none"> Name: minus82_to_minus81 Value: 96
[-83,-82]	<ul style="list-style-type: none"> Name: minus83_to_minus82 Value: 27
[-84,-83]	<ul style="list-style-type: none"> Name: minus84_to_minus83 Value: 89
[-85,-84]	<ul style="list-style-type: none"> Name: minus85_to_minus84 Value: 36
[-86,-85]	<ul style="list-style-type: none"> Name: minus86_to_minus85 Value: 46
[-87,-86]	<ul style="list-style-type: none"> Name: minus87_to_minus86 Value: 10
[-88,-87]	<ul style="list-style-type: none"> Name: minus88_to_minus87 Value: 64
[-89,-88]	<ul style="list-style-type: none"> Name: minus89_to_minus88 Value: 90
[-90,-89]	<ul style="list-style-type: none"> Name: minus90_to_minus89 Value: 37
[-91,-90]	<ul style="list-style-type: none"> Name: minus91_to_minus90 Value: 58
[-92,-91]	<ul style="list-style-type: none"> Name: minus92_to_minus91 Value: 28
[-93,-92]	<ul style="list-style-type: none"> Name: minus93_to_minus92 Value: 56
[-94,-93]	<ul style="list-style-type: none"> Name: minus94_to_minus93 Value: 53
[-95,-94]	<ul style="list-style-type: none"> Name: minus95_to_minus94 Value: 17
[-96,-95]	<ul style="list-style-type: none"> Name: minus96_to_minus95 Value: 19
[-97,-96]	<ul style="list-style-type: none"> Name: minus97_to_minus96 Value: 87
[-98,-97]	<ul style="list-style-type: none"> Name: minus98_to_minus97 Value: 92

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Name	Value
[-99,-98]	<ul style="list-style-type: none"> Name: minus99_to_minus98 Value: 74
Less Than -120	<ul style="list-style-type: none"> Name: less_than_minus120 Value: 65
More Than -25	<ul style="list-style-type: none"> Name: more_than_minus25 Value: 31

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Table 406-252 THystNormalEnum

Name	Value
120 s	<ul style="list-style-type: none"> Name: s120 order: 3 Value: 3
180 s	<ul style="list-style-type: none"> Name: s180 order: 4 Value: 0
240 s	<ul style="list-style-type: none"> Name: s240 order: 5 Value: 1
30 s	<ul style="list-style-type: none"> Name: s30 order: 1 Value: 2
60 s	<ul style="list-style-type: none"> Name: s60 order: 2 Value: 4

Table 406-253 TimeAlignmentTimerEnum

Name	Value
Infinity	<ul style="list-style-type: none"> Name: infinity order: 8 Value: 6
Sf 10240	<ul style="list-style-type: none"> Name: sf10240 order: 7 Value: 7
Sf 1280	<ul style="list-style-type: none"> Name: sf1280 order: 3 Value: 1
Sf 1920	<ul style="list-style-type: none"> Name: sf1920 order: 4 Value: 3

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Name	Value
Sf 2560	<ul style="list-style-type: none">• Name: sf2560• order: 5• Value: 4
Sf 500	<ul style="list-style-type: none">• Name: sf500• order: 1• Value: 5
Sf 5120	<ul style="list-style-type: none">• Name: sf5120• order: 6• Value: 2
Sf 750	<ul style="list-style-type: none">• Name: sf750• order: 2• Value: 0

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Table 406-254 TimerStatusProhibitEnum

Name	Value
0 ms	<ul style="list-style-type: none">• Name: ms0• order: 1• Value: 47
10 ms	<ul style="list-style-type: none">• Name: ms10• order: 3• Value: 43
100 ms	<ul style="list-style-type: none">• Name: ms100• order: 21• Value: 16
105 ms	<ul style="list-style-type: none">• Name: ms105• order: 22• Value: 22
110 ms	<ul style="list-style-type: none">• Name: ms110• order: 23• Value: 3
115 ms	<ul style="list-style-type: none">• Name: ms115• order: 24• Value: 4
120 ms	<ul style="list-style-type: none">• Name: ms120• order: 25• Value: 49
125 ms	<ul style="list-style-type: none">• Name: ms125• order: 26• Value: 45
130 ms	<ul style="list-style-type: none">• Name: ms130• order: 27• Value: 37

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Name	Value
135 ms	<ul style="list-style-type: none"> • Name: ms135 • order: 28 • Value: 33
140 ms	<ul style="list-style-type: none"> • Name: ms140 • order: 29 • Value: 31
145 ms	<ul style="list-style-type: none"> • Name: ms145 • order: 30 • Value: 24
15 ms	<ul style="list-style-type: none"> • Name: ms15 • order: 4 • Value: 44
150 ms	<ul style="list-style-type: none"> • Name: ms150 • order: 31 • Value: 12
155 ms	<ul style="list-style-type: none"> • Name: ms155 • order: 32 • Value: 6
160 ms	<ul style="list-style-type: none"> • Name: ms160 • order: 33 • Value: 55
165 ms	<ul style="list-style-type: none"> • Name: ms165 • order: 34 • Value: 54
170 ms	<ul style="list-style-type: none"> • Name: ms170 • order: 35 • Value: 42
175 ms	<ul style="list-style-type: none"> • Name: ms175 • order: 36 • Value: 40
180 ms	<ul style="list-style-type: none"> • Name: ms180 • order: 37 • Value: 23
185 ms	<ul style="list-style-type: none"> • Name: ms185 • order: 38 • Value: 28
190 ms	<ul style="list-style-type: none"> • Name: ms190 • order: 39 • Value: 7
195 ms	<ul style="list-style-type: none"> • Name: ms195 • order: 40 • Value: 8
20 ms	<ul style="list-style-type: none"> • Name: ms20 • order: 5 • Value: 32

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Name	Value
200 ms	<ul style="list-style-type: none">• Name: ms200• order: 41• Value: 29
205 ms	<ul style="list-style-type: none">• Name: ms205• order: 42• Value: 14
210 ms	<ul style="list-style-type: none">• Name: ms210• order: 43• Value: 13
215 ms	<ul style="list-style-type: none">• Name: ms215• order: 44• Value: 0
220 ms	<ul style="list-style-type: none">• Name: ms220• order: 45• Value: 51
225 ms	<ul style="list-style-type: none">• Name: ms225• order: 46• Value: 53
230 ms	<ul style="list-style-type: none">• Name: ms230• order: 47• Value: 38
235 ms	<ul style="list-style-type: none">• Name: ms235• order: 48• Value: 41
240 ms	<ul style="list-style-type: none">• Name: ms240• order: 49• Value: 27
245 ms	<ul style="list-style-type: none">• Name: ms245• order: 50• Value: 21
25 ms	<ul style="list-style-type: none">• Name: ms25• order: 6• Value: 34
250 ms	<ul style="list-style-type: none">• Name: ms250• order: 51• Value: 11
30 ms	<ul style="list-style-type: none">• Name: ms30• order: 7• Value: 19
300 ms	<ul style="list-style-type: none">• Name: ms300• order: 52• Value: 26
35 ms	<ul style="list-style-type: none">• Name: ms35• order: 8• Value: 15

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Name	Value
350 ms	<ul style="list-style-type: none"> • Name: ms350 • order: 53 • Value: 10
40 ms	<ul style="list-style-type: none"> • Name: ms40 • order: 9 • Value: 5
400 ms	<ul style="list-style-type: none"> • Name: ms400 • order: 54 • Value: 25
45 ms	<ul style="list-style-type: none"> • Name: ms45 • order: 10 • Value: 2
450 ms	<ul style="list-style-type: none"> • Name: ms450 • order: 55 • Value: 18
5 ms	<ul style="list-style-type: none"> • Name: ms5 • order: 2 • Value: 50
50 ms	<ul style="list-style-type: none"> • Name: ms50 • order: 11 • Value: 46
500 ms	<ul style="list-style-type: none"> • Name: ms500 • order: 56 • Value: 30
55 ms	<ul style="list-style-type: none"> • Name: ms55 • order: 12 • Value: 48
60 ms	<ul style="list-style-type: none"> • Name: ms60 • order: 13 • Value: 35
65 ms	<ul style="list-style-type: none"> • Name: ms65 • order: 14 • Value: 36
70 ms	<ul style="list-style-type: none"> • Name: ms70 • order: 15 • Value: 39
75 ms	<ul style="list-style-type: none"> • Name: ms75 • order: 16 • Value: 20
80 ms	<ul style="list-style-type: none"> • Name: ms80 • order: 17 • Value: 17
85 ms	<ul style="list-style-type: none"> • Name: ms85 • order: 18 • Value: 9

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Name	Value
90 ms	<ul style="list-style-type: none">• Name: ms90• order: 19• Value: 1
95 ms	<ul style="list-style-type: none">• Name: ms95• order: 20• Value: 52

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Table 406-255 TimerTpollRetransmitEnum

Name	Value
0 ms	<ul style="list-style-type: none">• Name: ms0• order: 1• Value: 47
10 ms	<ul style="list-style-type: none">• Name: ms10• order: 3• Value: 43
100 ms	<ul style="list-style-type: none">• Name: ms100• order: 21• Value: 16
105 ms	<ul style="list-style-type: none">• Name: ms105• order: 22• Value: 22
110 ms	<ul style="list-style-type: none">• Name: ms110• order: 23• Value: 3
115 ms	<ul style="list-style-type: none">• Name: ms115• order: 24• Value: 4
120 ms	<ul style="list-style-type: none">• Name: ms120• order: 25• Value: 49
125 ms	<ul style="list-style-type: none">• Name: ms125• order: 26• Value: 45
130 ms	<ul style="list-style-type: none">• Name: ms130• order: 27• Value: 37
135 ms	<ul style="list-style-type: none">• Name: ms135• order: 28• Value: 33
140 ms	<ul style="list-style-type: none">• Name: ms140• order: 29• Value: 31

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Name	Value
145 ms	<ul style="list-style-type: none"> Name: ms145 order: 30 Value: 24
15 ms	<ul style="list-style-type: none"> Name: ms15 order: 4 Value: 44
150 ms	<ul style="list-style-type: none"> Name: ms150 order: 31 Value: 12
155 ms	<ul style="list-style-type: none"> Name: ms155 order: 32 Value: 6
160 ms	<ul style="list-style-type: none"> Name: ms160 order: 33 Value: 55
165 ms	<ul style="list-style-type: none"> Name: ms165 order: 34 Value: 54
170 ms	<ul style="list-style-type: none"> Name: ms170 order: 35 Value: 42
175 ms	<ul style="list-style-type: none"> Name: ms175 order: 36 Value: 40
180 ms	<ul style="list-style-type: none"> Name: ms180 order: 37 Value: 23
185 ms	<ul style="list-style-type: none"> Name: ms185 order: 38 Value: 28
190 ms	<ul style="list-style-type: none"> Name: ms190 order: 39 Value: 7
195 ms	<ul style="list-style-type: none"> Name: ms195 order: 40 Value: 8
20 ms	<ul style="list-style-type: none"> Name: ms20 order: 5 Value: 32
200 ms	<ul style="list-style-type: none"> Name: ms200 order: 41 Value: 29
205 ms	<ul style="list-style-type: none"> Name: ms205 order: 42 Value: 14

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Name	Value
210 ms	<ul style="list-style-type: none">• Name: ms210• order: 43• Value: 13
215 ms	<ul style="list-style-type: none">• Name: ms215• order: 44• Value: 0
220 ms	<ul style="list-style-type: none">• Name: ms220• order: 45• Value: 51
225 ms	<ul style="list-style-type: none">• Name: ms225• order: 46• Value: 53
230 ms	<ul style="list-style-type: none">• Name: ms230• order: 47• Value: 38
235 ms	<ul style="list-style-type: none">• Name: ms235• order: 48• Value: 41
240 ms	<ul style="list-style-type: none">• Name: ms240• order: 49• Value: 27
245 ms	<ul style="list-style-type: none">• Name: ms245• order: 50• Value: 21
25 ms	<ul style="list-style-type: none">• Name: ms25• order: 6• Value: 34
250 ms	<ul style="list-style-type: none">• Name: ms250• order: 51• Value: 11
30 ms	<ul style="list-style-type: none">• Name: ms30• order: 7• Value: 19
300 ms	<ul style="list-style-type: none">• Name: ms300• order: 52• Value: 26
35 ms	<ul style="list-style-type: none">• Name: ms35• order: 8• Value: 15
350 ms	<ul style="list-style-type: none">• Name: ms350• order: 53• Value: 10
40 ms	<ul style="list-style-type: none">• Name: ms40• order: 9• Value: 5

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Name	Value
400 ms	<ul style="list-style-type: none"> • Name: ms400 • order: 54 • Value: 25
45 ms	<ul style="list-style-type: none"> • Name: ms45 • order: 10 • Value: 2
450 ms	<ul style="list-style-type: none"> • Name: ms450 • order: 55 • Value: 18
5 ms	<ul style="list-style-type: none"> • Name: ms5 • order: 2 • Value: 50
50 ms	<ul style="list-style-type: none"> • Name: ms50 • order: 11 • Value: 46
500 ms	<ul style="list-style-type: none"> • Name: ms500 • order: 56 • Value: 30
55 ms	<ul style="list-style-type: none"> • Name: ms55 • order: 12 • Value: 48
60 ms	<ul style="list-style-type: none"> • Name: ms60 • order: 13 • Value: 35
65 ms	<ul style="list-style-type: none"> • Name: ms65 • order: 14 • Value: 36
70 ms	<ul style="list-style-type: none"> • Name: ms70 • order: 15 • Value: 39
75 ms	<ul style="list-style-type: none"> • Name: ms75 • order: 16 • Value: 20
80 ms	<ul style="list-style-type: none"> • Name: ms80 • order: 17 • Value: 17
85 ms	<ul style="list-style-type: none"> • Name: ms85 • order: 18 • Value: 9
90 ms	<ul style="list-style-type: none"> • Name: ms90 • order: 19 • Value: 1
95 ms	<ul style="list-style-type: none"> • Name: ms95 • order: 20 • Value: 52

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Table 406-256 TimerTreorderingEnum

Name	Value
0 ms	<ul style="list-style-type: none"> Name: ms0 order: 1 Value: 19
10 ms	<ul style="list-style-type: none"> Name: ms10 order: 3 Value: 15
100 ms	<ul style="list-style-type: none"> Name: ms100 order: 21 Value: 17
110 ms	<ul style="list-style-type: none"> Name: ms110 order: 22 Value: 5
120 ms	<ul style="list-style-type: none"> Name: ms120 order: 23 Value: 24
130 ms	<ul style="list-style-type: none"> Name: ms130 order: 24 Value: 7
140 ms	<ul style="list-style-type: none"> Name: ms140 order: 25 Value: 30
15 ms	<ul style="list-style-type: none"> Name: ms15 order: 4 Value: 16
150 ms	<ul style="list-style-type: none"> Name: ms150 order: 26 Value: 13
160 ms	<ul style="list-style-type: none"> Name: ms160 order: 27 Value: 28
170 ms	<ul style="list-style-type: none"> Name: ms170 order: 28 Value: 12
180 ms	<ul style="list-style-type: none"> Name: ms180 order: 29 Value: 26
190 ms	<ul style="list-style-type: none"> Name: ms190 order: 30 Value: 9
20 ms	<ul style="list-style-type: none"> Name: ms20 order: 5 Value: 0
200 ms	<ul style="list-style-type: none"> Name: ms200 order: 31 Value: 29

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Name	Value
25 ms	<ul style="list-style-type: none"> • Name: ms25 • order: 6 • Value: 2
30 ms	<ul style="list-style-type: none"> • Name: ms30 • order: 7 • Value: 21
35 ms	<ul style="list-style-type: none"> • Name: ms35 • order: 8 • Value: 14
40 ms	<ul style="list-style-type: none"> • Name: ms40 • order: 9 • Value: 8
45 ms	<ul style="list-style-type: none"> • Name: ms45 • order: 10 • Value: 3
5 ms	<ul style="list-style-type: none"> • Name: ms5 • order: 2 • Value: 23
50 ms	<ul style="list-style-type: none"> • Name: ms50 • order: 11 • Value: 18
55 ms	<ul style="list-style-type: none"> • Name: ms55 • order: 12 • Value: 22
60 ms	<ul style="list-style-type: none"> • Name: ms60 • order: 13 • Value: 1
65 ms	<ul style="list-style-type: none"> • Name: ms65 • order: 14 • Value: 6
70 ms	<ul style="list-style-type: none"> • Name: ms70 • order: 15 • Value: 11
75 ms	<ul style="list-style-type: none"> • Name: ms75 • order: 16 • Value: 25
80 ms	<ul style="list-style-type: none"> • Name: ms80 • order: 17 • Value: 20
85 ms	<ul style="list-style-type: none"> • Name: ms85 • order: 18 • Value: 10
90 ms	<ul style="list-style-type: none"> • Name: ms90 • order: 19 • Value: 4

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Name	Value
95 ms	<ul style="list-style-type: none">Name: ms95order: 20Value: 27

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Table 406-257 TimeToTriggerMeasEUTRAEnum

Name	Value
0 ms	<ul style="list-style-type: none">Name: ms0Value: 19
0	<ul style="list-style-type: none">Name: 0Value: 10
100 ms	<ul style="list-style-type: none">Name: ms100Value: 23
100	<ul style="list-style-type: none">Name: 100Value: 17
1024 ms	<ul style="list-style-type: none">Name: ms1024Value: 31
1024	<ul style="list-style-type: none">Name: 1024Value: 6
10	<ul style="list-style-type: none">Name: 10Value: 9
128 ms	<ul style="list-style-type: none">Name: ms128Value: 24
1280 ms	<ul style="list-style-type: none">Name: ms1280Value: 32
1280	<ul style="list-style-type: none">Name: 1280Value: 0
128	<ul style="list-style-type: none">Name: 128Value: 2
160 ms	<ul style="list-style-type: none">Name: ms160Value: 25
160	<ul style="list-style-type: none">Name: 160Value: 13
200	<ul style="list-style-type: none">Name: 200Value: 3
20	<ul style="list-style-type: none">Name: 20Value: 7
256 ms	<ul style="list-style-type: none">Name: ms256Value: 26
2560 ms	<ul style="list-style-type: none">Name: ms2560Value: 33

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Name	Value
2560	<ul style="list-style-type: none"> Name: 2560 Value: 1
256	<ul style="list-style-type: none"> Name: 256 Value: 18
320 ms	<ul style="list-style-type: none"> Name: ms320 Value: 27
320	<ul style="list-style-type: none"> Name: 320 Value: 4
40 ms	<ul style="list-style-type: none"> Name: ms40 Value: 20
40	<ul style="list-style-type: none"> Name: 40 Value: 12
480 ms	<ul style="list-style-type: none"> Name: ms480 Value: 28
480	<ul style="list-style-type: none"> Name: 480 Value: 11
512 ms	<ul style="list-style-type: none"> Name: ms512 Value: 29
5120 ms	<ul style="list-style-type: none"> Name: ms5120 Value: 34
5120	<ul style="list-style-type: none"> Name: 5120 Value: 16
512	<ul style="list-style-type: none"> Name: 512 Value: 8
64 ms	<ul style="list-style-type: none"> Name: ms64 Value: 21
640 ms	<ul style="list-style-type: none"> Name: ms640 Value: 30
640	<ul style="list-style-type: none"> Name: 640 Value: 5
64	<ul style="list-style-type: none"> Name: 64 Value: 14
80 ms	<ul style="list-style-type: none"> Name: ms80 Value: 22
80	<ul style="list-style-type: none"> Name: 80 Value: 15

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Table 406-258 TimeToTriggerMeasGERANEnum

Name	Value
0 ms	<ul style="list-style-type: none"> Name: ms0 Value: 16

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Name	Value
0 s	<ul style="list-style-type: none"> Name: 0 Value: 7
100 ms	<ul style="list-style-type: none"> Name: ms100 Value: 20
100 s	<ul style="list-style-type: none"> Name: 100 Value: 14
1024 ms	<ul style="list-style-type: none"> Name: ms1024 Value: 28
1024 s	<ul style="list-style-type: none"> Name: 1024 Value: 5
128 ms	<ul style="list-style-type: none"> Name: ms128 Value: 21
128 s	<ul style="list-style-type: none"> Name: 128 Value: 2
1280 ms	<ul style="list-style-type: none"> Name: ms1280 Value: 29
1280 s	<ul style="list-style-type: none"> Name: 1280 Value: 0
160 ms	<ul style="list-style-type: none"> Name: ms160 Value: 22
160 s	<ul style="list-style-type: none"> Name: 160 Value: 10
256 ms	<ul style="list-style-type: none"> Name: ms256 Value: 23
256 s	<ul style="list-style-type: none"> Name: 256 Value: 15
2560 ms	<ul style="list-style-type: none"> Name: ms2560 Value: 30
2560 s	<ul style="list-style-type: none"> Name: 2560 Value: 1
320 ms	<ul style="list-style-type: none"> Name: ms320 Value: 24
320 s	<ul style="list-style-type: none"> Name: 320 Value: 3
40 ms	<ul style="list-style-type: none"> Name: ms40 Value: 17
40 s	<ul style="list-style-type: none"> Name: 40 Value: 9
480 ms	<ul style="list-style-type: none"> Name: ms480 Value: 25
480 s	<ul style="list-style-type: none"> Name: 480 Value: 8
512 ms	<ul style="list-style-type: none"> Name: ms512 Value: 26

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Name	Value
512 s	<ul style="list-style-type: none"> Name: 512 Value: 6
5120 ms	<ul style="list-style-type: none"> Name: ms5120 Value: 31
5120 s	<ul style="list-style-type: none"> Name: 5120 Value: 13
64 ms	<ul style="list-style-type: none"> Name: ms64 Value: 18
64 s	<ul style="list-style-type: none"> Name: 64 Value: 11
640 ms	<ul style="list-style-type: none"> Name: ms640 Value: 27
640 s	<ul style="list-style-type: none"> Name: 640 Value: 4
80 ms	<ul style="list-style-type: none"> Name: ms80 Value: 19
80 s	<ul style="list-style-type: none"> Name: 80 Value: 12

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Table 406-259 TimeToTriggerMeasIRATEnum

Name	Value
Ms0	<ul style="list-style-type: none"> Name: ms0 Value: 0
Ms100	<ul style="list-style-type: none"> Name: ms100 Value: 4
Ms1024	<ul style="list-style-type: none"> Name: ms1024 Value: 12
Ms1280	<ul style="list-style-type: none"> Name: ms1280 Value: 13
Ms128	<ul style="list-style-type: none"> Name: ms128 Value: 5
Ms160	<ul style="list-style-type: none"> Name: ms160 Value: 6
Ms2560	<ul style="list-style-type: none"> Name: ms2560 Value: 14
Ms256	<ul style="list-style-type: none"> Name: ms256 Value: 7
Ms320	<ul style="list-style-type: none"> Name: ms320 Value: 8
Ms40	<ul style="list-style-type: none"> Name: ms40 Value: 1

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Name	Value
Ms480	<ul style="list-style-type: none"> Name: ms480 Value: 9
Ms5120	<ul style="list-style-type: none"> Name: ms5120 Value: 15
Ms512	<ul style="list-style-type: none"> Name: ms512 Value: 10
Ms640	<ul style="list-style-type: none"> Name: ms640 Value: 11
Ms64	<ul style="list-style-type: none"> Name: ms64 Value: 2
Ms80	<ul style="list-style-type: none"> Name: ms80 Value: 3

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Table 406-260 TimeToTriggerMeasUtraEnum

Name	Value
0ms	<ul style="list-style-type: none"> Name: ms0 order: 1 Value: 6
100ms	<ul style="list-style-type: none"> Name: ms100 order: 5 Value: 3
1024ms	<ul style="list-style-type: none"> Name: ms1024 order: 13 Value: 0
1280ms	<ul style="list-style-type: none"> Name: ms1280 order: 14 Value: 5
128ms	<ul style="list-style-type: none"> Name: ms128 order: 6 Value: 14
160ms	<ul style="list-style-type: none"> Name: ms160 order: 7 Value: 15
2560ms	<ul style="list-style-type: none"> Name: ms2560 order: 15 Value: 12
256ms	<ul style="list-style-type: none"> Name: ms256 order: 8 Value: 11
320ms	<ul style="list-style-type: none"> Name: ms320 order: 9 Value: 13

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Name	Value
40ms	<ul style="list-style-type: none"> Name: ms40 order: 2 Value: 10
480ms	<ul style="list-style-type: none"> Name: ms480 order: 10 Value: 4
5120ms	<ul style="list-style-type: none"> Name: ms5120 order: 16 Value: 8
512ms	<ul style="list-style-type: none"> Name: ms512 order: 11 Value: 2
640ms	<ul style="list-style-type: none"> Name: ms640 order: 12 Value: 1
64ms	<ul style="list-style-type: none"> Name: ms64 order: 3 Value: 9
80ms	<ul style="list-style-type: none"> Name: ms80 order: 4 Value: 7

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Table 406-261 TimeToWaitEnum

Name	Value
V 1 s	<ul style="list-style-type: none"> Name: v1s Value: 1
V 10 s	<ul style="list-style-type: none"> Name: v10s Value: 2
V 2 s	<ul style="list-style-type: none"> Name: v2s Value: 5
V 20 s	<ul style="list-style-type: none"> Name: v20s Value: 4
V 5 s	<ul style="list-style-type: none"> Name: v5s Value: 3
V 60 s	<ul style="list-style-type: none"> Name: v60s Value: 0

Table 406-262 TimeZoneEnum

Name	Value
GMT 0100-Amsterdam-Berlin-Bern-Rome-Stockholm-Vienna	<ul style="list-style-type: none"> Name: GMT0100_Amsterdam_Berlin_Bern_Rome_Stockholm_Vienna Value: 36
GMT 0100-Belgrade-Bratislava-Budapest-Ljubljana-Prague	<ul style="list-style-type: none"> Name: GMT0100_Belgrade_Bratislava_Budapest_Ljubljana_Prague Value: 37
GMT 0100-Brussels-Copenhagen-Madrid-Paris	<ul style="list-style-type: none"> Name: GMT0100_Brussels_Copenhagen_Madrid_Paris Value: 38
GMT 0100-Sarajevo-Skopje-Warsaw-Zagreb	<ul style="list-style-type: none"> Name: GMT0100_Sarajevo_Skopje_Warsaw_Zagreb Value: 39
GMT 0100-West-Central-Africa	<ul style="list-style-type: none"> Name: GMT0100_West_Central_Africa Value: 40
GMT 0200-Amman	<ul style="list-style-type: none"> Name: GMT0200_Amman Value: 41
GMT 0200-Athens-Bucharest-Istanbul	<ul style="list-style-type: none"> Name: GMT0200_Athens_Bucharest_Istanbul Value: 42
GMT 0200-Beirut	<ul style="list-style-type: none"> Name: GMT0200_Beirut Value: 43
GMT 0200-Cairo	<ul style="list-style-type: none"> Name: GMT0200_Cairo Value: 44
GMT 0200-Harare-Pretoria	<ul style="list-style-type: none"> Name: GMT0200_Harare_Pretoria Value: 45
GMT 0200-Helsinki-Kyiv-Riga-Sofia-Tallinn-Vilnius	<ul style="list-style-type: none"> Name: GMT0200_Helsinki_Kyiv_Riga_Sofia_Tallinn_Vilnius Value: 46
GMT 0200-Jerusalem	<ul style="list-style-type: none"> Name: GMT0200_Jerusalem Value: 47
GMT 0200-Minsk	<ul style="list-style-type: none"> Name: GMT0200_Minsk Value: 48
GMT 0200-Windhoek	<ul style="list-style-type: none"> Name: GMT0200_Windhoek Value: 49
GMT 0300-Baghdad	<ul style="list-style-type: none"> Name: GMT0300_Baghdad Value: 50
GMT 0300-Kuwait-Riyadh	<ul style="list-style-type: none"> Name: GMT0300_Kuwait_Riyadh Value: 51
GMT 0300-Moscow-St-Petersburg-Volgograd	<ul style="list-style-type: none"> Name: GMT0300_Moscow_St_Petersburg_Volgograd Value: 52
GMT 0300-Nairobi	<ul style="list-style-type: none"> Name: GMT0300_Nairobi Value: 53
GMT 0300-Tbilisi	<ul style="list-style-type: none"> Name: GMT0300_Tbilisi Value: 54

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Name	Value
GMT 0330-Tehran	<ul style="list-style-type: none"> Name: GMT0330_Tehran Value: 55
GMT 0400-Abu-Dhabi-Muscat	<ul style="list-style-type: none"> Name: GMT0400_Abu_Dhabi_Muscat Value: 56
GMT 0400-Baku	<ul style="list-style-type: none"> Name: GMT0400_Baku Value: 57
GMT 0400-Caucasus-Standard-Time	<ul style="list-style-type: none"> Name: GMT0400_Caucasus_Standard_Time Value: 58
GMT 0400-Port-Louis	<ul style="list-style-type: none"> Name: GMT0400_Port_Louis Value: 59
GMT 0400-Yerevan	<ul style="list-style-type: none"> Name: GMT0400_Yerevan Value: 60
GMT 0430-Kabul	<ul style="list-style-type: none"> Name: GMT0430_Kabul Value: 61
GMT 0500-Ekaterinburg	<ul style="list-style-type: none"> Name: GMT0500_Ekaterinburg Value: 62
GMT 0500-Islamabad-Karachi	<ul style="list-style-type: none"> Name: GMT0500_Islamabad_Karachi Value: 63
GMT 0500-Tashkent	<ul style="list-style-type: none"> Name: GMT0500_Tashkent Value: 64
GMT 0530-Chennai-Kolkata-Mumbai-New-Delhi	<ul style="list-style-type: none"> Name: GMT0530_Chennai_Kolkata_Mumbai_New_Delhi Value: 65
GMT 0530-Sri-Jayawardenepura	<ul style="list-style-type: none"> Name: GMT0530_Sri_Jayawardenepura Value: 66
GMT 0545-Kathmandu	<ul style="list-style-type: none"> Name: GMT0545_Kathmandu Value: 67
GMT 0600-Almaty-Novosibirsk	<ul style="list-style-type: none"> Name: GMT0600_Almaty_Novosibirsk Value: 68
GMT 0600-Astana-Dhaka	<ul style="list-style-type: none"> Name: GMT0600_Astana_Dhaka Value: 69
GMT 0630-Yangon-Rangoon	<ul style="list-style-type: none"> Name: GMT0630_Yangon_Rangoon Value: 70
GMT 0700-Bangkok-Hanoi-Jakarta	<ul style="list-style-type: none"> Name: GMT0700_Bangkok_Hanoi_Jakarta Value: 71
GMT 0700-Krasnoyarsk	<ul style="list-style-type: none"> Name: GMT0700_Krasnoyarsk Value: 72
GMT 0800-Beijing-Chongqing-Hong-Kong-Urumqi	<ul style="list-style-type: none"> Name: GMT0800_Beijing_Chongqing_Hong_Kong_Urumqi Value: 73
GMT 0800-Irkutsk-Ulaan-Bataar	<ul style="list-style-type: none"> Name: GMT0800_Irkutsk_Ulaan_Bataar Value: 74
GMT 0800-Kuala-Lumpur-Singapore	<ul style="list-style-type: none"> Name: GMT0800_Kuala_Lumpur_Singapore Value: 75

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Name	Value
GMT 0800-Perth	<ul style="list-style-type: none"> Name: GMT0800_Perth Value: 76
GMT 0800-Taipei	<ul style="list-style-type: none"> Name: GMT0800_Taipei Value: 77
GMT 0900-Osaka-Sapporo-Tokyo	<ul style="list-style-type: none"> Name: GMT0900_Osaka_Sapporo_Tokyo Value: 78
GMT 0900-Seoul	<ul style="list-style-type: none"> Name: GMT0900_Seoul Value: 79
GMT 0900-Yakutsk	<ul style="list-style-type: none"> Name: GMT0900_Yakutsk Value: 80
GMT 0930-Adelaide	<ul style="list-style-type: none"> Name: GMT0930_Adelaide Value: 81
GMT 0930-Darwin	<ul style="list-style-type: none"> Name: GMT0930_Darwin Value: 82
GMT 1000-Brisbane	<ul style="list-style-type: none"> Name: GMT1000_Brisbane Value: 83
GMT 1000-Canberra-Melbourne-Sydney	<ul style="list-style-type: none"> Name: GMT1000_Canberra_Melbourne_Sydney Value: 84
GMT 1000-Guam-Port-Moresby	<ul style="list-style-type: none"> Name: GMT1000_Guam_Port_Moresby Value: 85
GMT 1000-Hobart	<ul style="list-style-type: none"> Name: GMT1000_Hobart Value: 86
GMT 1000-Vladivostok	<ul style="list-style-type: none"> Name: GMT1000_Vladivostok Value: 87
GMT 1100-Magadan-Solomon-Is-New-Caledonia	<ul style="list-style-type: none"> Name: GMT1100_Magadan_Solomon_Is__New_Caledonia Value: 88
GMT 1200-Auckland-Wellington	<ul style="list-style-type: none"> Name: GMT1200_Auckland_Wellington Value: 89
GMT 1200-Fiji-Kamchatka-Marshall-Is	<ul style="list-style-type: none"> Name: GMT1200_Fiji_Kamchatka_Marshall_Is_ Value: 90
GMT 1300-Nuku-alofa	<ul style="list-style-type: none"> Name: GMT1300_Nuku_alofa Value: 91
GMT-0100-Azores	<ul style="list-style-type: none"> Name: GMT_0100_Azores Value: 31
GMT-0100-Cape-Verde-Is.	<ul style="list-style-type: none"> Name: GMT_0100_Cape_Verde_Is_ Value: 30
GMT-0200-Mid-Atlantic	<ul style="list-style-type: none"> Name: GMT_0200_Mid_Atlantic Value: 29
GMT-0300-Brasilia	<ul style="list-style-type: none"> Name: GMT_0300_Brasilia Value: 28
GMT-0300-Buenos-Aires	<ul style="list-style-type: none"> Name: GMT_0300_Buenos_Aires Value: 27

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Name	Value
GMT-0300-Georgetown	<ul style="list-style-type: none"> Name: GMT_0300_Georgetown Value: 26
GMT-0300-Greenland	<ul style="list-style-type: none"> Name: GMT_0300_Greenland Value: 25
GMT-0300-Montevideo	<ul style="list-style-type: none"> Name: GMT_0300_Montevideo Value: 24
GMT-0330-Newfoundland	<ul style="list-style-type: none"> Name: GMT_0330_Newfoundland Value: 23
GMT-0400-Atlantic-Time-Canada	<ul style="list-style-type: none"> Name: GMT_0400_Atlantic_Time_Canada Value: 22
GMT-0400-La-Paz	<ul style="list-style-type: none"> Name: GMT_0400_La_Paz Value: 21
GMT-0400-Manaus	<ul style="list-style-type: none"> Name: GMT_0400_Manauas Value: 20
GMT-0400-Santiago	<ul style="list-style-type: none"> Name: GMT_0400_Santiago Value: 19
GMT-0430-Caracas	<ul style="list-style-type: none"> Name: GMT_0430_Caracas Value: 18
GMT-0500-Bogota-Lima-Quito-Rio-Branco	<ul style="list-style-type: none"> Name: GMT_0500_Bogota_Lima_Quito_Rio_Branco Value: 17
GMT-0500-Eastern-Time-US-And-Canada	<ul style="list-style-type: none"> Name: GMT_0500_Eastern_Time_US_And_Canada Value: 16
GMT-0500-Indiana-East	<ul style="list-style-type: none"> Name: GMT_0500_Indiana_East Value: 15
GMT-0600-Central America	<ul style="list-style-type: none"> Name: GMT_0600_CentralAmerica Value: 14
GMT-0600-Central Time US-and-Canada	<ul style="list-style-type: none"> Name: GMT_0600_CentralTimeUS_and_Canada Value: 13
GMT-0600-Guadalajara Mexico City Monterrey-New	<ul style="list-style-type: none"> Name: GMT_0600_GuadalajaraMexicoCityMonterrey_New Value: 12
GMT-0600-Guadalajara Mexico City Monterrey-Old	<ul style="list-style-type: none"> Name: GMT_0600_GuadalajaraMexicoCityMonterrey_Old Value: 11
GMT-0600-Saskatchewan	<ul style="list-style-type: none"> Name: GMT_0600_Saskatchewan Value: 10
GMT-0700-Arizona	<ul style="list-style-type: none"> Name: GMT_0700_Arizona Value: 9
GMT-0700-Chihuahua La Paz Mazatlan-New	<ul style="list-style-type: none"> Name: GMT_0700_ChihuahuaLaPazMazatlan_New Value: 8
GMT-0700-Chihuahua La Paz Mazatlan-Old	<ul style="list-style-type: none"> Name: GMT_0700_ChihuahuaLaPazMazatlan_Old Value: 7
GMT-0700-Mountain Time US-and-Canada	<ul style="list-style-type: none"> Name: GMT_0700_MountainTimeUS_and_Canada Value: 6
GMT-0800-Pacific Time US-and-Canada	<ul style="list-style-type: none"> Name: GMT_0800_PacificTimeUS_and_Canada Value: 5

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Name	Value
GMT-0800-Tijuana Baja California	<ul style="list-style-type: none"> Name: GMT_0800_TijuanaBajaCalifornia Value: 4
GMT-0900-Alaska	<ul style="list-style-type: none"> Name: GMT_0900_Alaska Value: 3
GMT-1000-Hawaii	<ul style="list-style-type: none"> Name: GMT_1000_Hawaii Value: 2
GMT-1100-Midway Island-Samoa	<ul style="list-style-type: none"> Name: GMT_1100_MidwayIsland_Samoa Value: 1
GMT-1200-International Date Line West	<ul style="list-style-type: none"> Name: GMT_1200_InternationalDateLineWest Value: 0
GMT-Casablanca	<ul style="list-style-type: none"> Name: GMT_Casablanca Value: 32
GMT-Coordinated-Universal-Time	<ul style="list-style-type: none"> Name: GMT_Coordinated_Universal_Time Value: 33
GMT-Greenwich-Mean-Time-Dublin-Edinburgh-Lisbon-London	<ul style="list-style-type: none"> Name: GMT_Greenwich_Mean_Time_Dublin_Edinburgh_Lisbon_London Value: 34
GMT-Monrovia-Reykjavik	<ul style="list-style-type: none"> Name: GMT_Monrovia_Reykjavik Value: 35

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Table 406-263 TmaBypassModeEnum

Name	Value
False	<ul style="list-style-type: none"> Name: false Value: 2
True	<ul style="list-style-type: none"> Name: true Value: 1

Table 406-264 TmaSelfTestEnum

Name	Value
False	<ul style="list-style-type: none"> Name: false Value: 2
True	<ul style="list-style-type: none"> Name: true Value: 1
Unknown	<ul style="list-style-type: none"> Name: unknown Value: 255

Table 406-265 TopologyEnum

Name	Value
Chain Topology	<ul style="list-style-type: none"> Name: chainTopology Value: 1
Star Topology	<ul style="list-style-type: none"> Name: starTopology Value: 2
Unknown	<ul style="list-style-type: none"> Name: unknown Value: 0

Table 406-266 TPCRACHMsg3Enum

Name	Value
-2 dB	<ul style="list-style-type: none"> Name: _2dB order: 3 Value: 0
-4 dB	<ul style="list-style-type: none"> Name: _4dB order: 2 Value: 4
-6 dB	<ul style="list-style-type: none"> Name: _6dB order: 1 Value: 6
0 dB	<ul style="list-style-type: none"> Name: 0dB order: 4 Value: 3
2 dB	<ul style="list-style-type: none"> Name: 2dB order: 5 Value: 5
4 dB	<ul style="list-style-type: none"> Name: 4dB order: 6 Value: 2
6 dB	<ul style="list-style-type: none"> Name: 6dB order: 7 Value: 1
8 dB	<ul style="list-style-type: none"> Name: 8dB order: 9 Value: 7

Table 406-267 TraceDepthEnum

Name	Value
Maximum	<ul style="list-style-type: none"> Name: maximum Value: 0

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Name	Value
Minimum	<ul style="list-style-type: none">• Name: minimum• Value: 1

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Table 406-268 TrafficShapingModeEnum

Name	Value
Per Port	<ul style="list-style-type: none">• Name: PerPort• Value: 0
Per Vlan	<ul style="list-style-type: none">• Name: PerVlan• Value: 1

Table 406-269 TrafficTypeListEnum

Name	Value
1588	<ul style="list-style-type: none">• Name: 1588• Value: 6
M1	<ul style="list-style-type: none">• Name: M1• Value: 7
Oam	<ul style="list-style-type: none">• Name: oam• Value: 1
S1c	<ul style="list-style-type: none">• Name: s1c• Value: 3
S1u	<ul style="list-style-type: none">• Name: s1u• Value: 2
X2c	<ul style="list-style-type: none">• Name: x2c• Value: 5
X2u	<ul style="list-style-type: none">• Name: x2u• Value: 4

Table 406-270 TransmissionGapRepetitionPeriodEnum

Name	Value
40 ms	<ul style="list-style-type: none">• Name: 40ms• Value: 1
80 ms	<ul style="list-style-type: none">• Name: 80ms• Value: 0

Table 406-271 TransmissionModeEnum

Name	Value
Mode 2	<ul style="list-style-type: none"> Name: tm2 Value: 0
Mode 3	<ul style="list-style-type: none"> Name: tm3 Value: 2
Mode 4	<ul style="list-style-type: none"> Name: tm4 Value: 1

Table 406-272 TransmissionModeFddEnum

Name	Value
Tm1	<ul style="list-style-type: none"> Name: tm1 Value: 0
Tm2	<ul style="list-style-type: none"> Name: tm2 Value: 1
Tm3	<ul style="list-style-type: none"> Name: tm3 Value: 2
Tm4	<ul style="list-style-type: none"> Name: tm4 Value: 3

Table 406-273 TransmissionModeTddEnum

Name	Value
Tm1	<ul style="list-style-type: none"> Name: tm1 Value: 0
Tm2	<ul style="list-style-type: none"> Name: tm2 Value: 1
Tm3	<ul style="list-style-type: none"> Name: tm3 Value: 2
Tm4	<ul style="list-style-type: none"> Name: tm4 Value: 3
Tm7	<ul style="list-style-type: none"> Name: tm7 Value: 4
Tm8	<ul style="list-style-type: none"> Name: tm8 Value: 5

Table 406-274 TransportProtocol

Name	Value
	<ul style="list-style-type: none">Name: noneselectable: noValue: 0
STCP	<ul style="list-style-type: none">Name: stcpselectable: noValue: 2
TCP	<ul style="list-style-type: none">Name: tcpselectable: yesValue: 1

Table 406-275 TransportProtocolType

Name	Value
UDP	<ul style="list-style-type: none">Name: udpselectable: yesValue: 2

Table 406-276 TriggerQuantityEUTRAEnum

Name	Value
RSRP	<ul style="list-style-type: none">Name: rsrpValue: 0
RSRQ	<ul style="list-style-type: none">Name: rsrqValue: 1

Table 406-277 TriggerTypeEUTRAEnum

Name	Value
Event A1	<ul style="list-style-type: none">Name: eventA1Value: 3
Event A2	<ul style="list-style-type: none">Name: eventA2Value: 5
Event A3	<ul style="list-style-type: none">Name: eventA3Value: 0
Event A4	<ul style="list-style-type: none">Name: eventA4Value: 1
Event A5 or A3	<ul style="list-style-type: none">Name: eventA5orA3Value: 7

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Name	Value
Event A5	<ul style="list-style-type: none"> Name: eventA5 Value: 2
Periodical Report CGI	<ul style="list-style-type: none"> Name: periodicalReportCGI Value: 4
Periodical Strongest Cells	<ul style="list-style-type: none"> Name: periodicalStrongestCells Value: 6

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Table 406-278 TriggerTypeInterRATEnum

Name	Value
Event B1	<ul style="list-style-type: none"> Name: eventB1 Value: 1
Event B2	<ul style="list-style-type: none"> Name: eventB2 Value: 0
Periodical Report CGI	<ul style="list-style-type: none"> Name: periodicalReportCGI Value: 3
Periodical Son	<ul style="list-style-type: none"> Name: periodicalSon Value: 2

Table 406-279 UEContributionTargetInActivePhaseEnum

Name	Value
100	<ul style="list-style-type: none"> Name: 100 Value: 0
200	<ul style="list-style-type: none"> Name: 200 Value: 1
300	<ul style="list-style-type: none"> Name: 300 Value: 2
400	<ul style="list-style-type: none"> Name: 400 Value: 3
500	<ul style="list-style-type: none"> Name: 500 Value: 4
No Limit	<ul style="list-style-type: none"> Name: noLimit Value: 5

Table 406-280 UeTransmitAntennaSelectionEnum

Name	Value
Closedloop	<ul style="list-style-type: none">Name: closedloopValue: 1
Disable	<ul style="list-style-type: none">Name: disableValue: 0
Openloop	<ul style="list-style-type: none">Name: openloopValue: 2

Table 406-281 UIICICModeEnum

Name	Value
SFFR	<ul style="list-style-type: none">Name: SFFRValue: 0
Static 1:1	<ul style="list-style-type: none">Name: static1_1Value: 2
Static 1:2	<ul style="list-style-type: none">Name: static1_2Value: 3
Static 1:3	<ul style="list-style-type: none">Name: static1_3Value: 1

Table 406-282 UISchedulerModeEnum

Name	Value
Frequency Diverse Only	<ul style="list-style-type: none">Name: FrequencyDiverseOnlyValue: 3
Frequency Non Selective	<ul style="list-style-type: none">Name: frequencyNonSelectiveValue: 1
Frequency Selective Allowed	<ul style="list-style-type: none">Name: FrequencySelectiveAllowedValue: 2
Frequency Selective	<ul style="list-style-type: none">Name: frequencySelectiveValue: 0

Table 406-283 UISchedulingFlowProfileEnum

Name	Value
AF11	<ul style="list-style-type: none">Name: AF11Value: 8

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Name	Value
AF12	<ul style="list-style-type: none"> Name: AF12 Value: 6
AF13	<ul style="list-style-type: none"> Name: AF13 Value: 2
AF21	<ul style="list-style-type: none"> Name: AF21 Value: 5
AF22	<ul style="list-style-type: none"> Name: AF22 Value: 4
AF23	<ul style="list-style-type: none"> Name: AF23 Value: 10
AF31	<ul style="list-style-type: none"> Name: AF31 Value: 3
AF32	<ul style="list-style-type: none"> Name: AF32 Value: 14
AF33	<ul style="list-style-type: none"> Name: AF33 Value: 12
AF41	<ul style="list-style-type: none"> Name: AF41 Value: 9
AF42	<ul style="list-style-type: none"> Name: AF42 Value: 7
AF43	<ul style="list-style-type: none"> Name: AF43 Value: 11
BE	<ul style="list-style-type: none"> Name: BE Value: 13
EF	<ul style="list-style-type: none"> Name: EF Value: 15
Network Control	<ul style="list-style-type: none"> Name: NetworkControl Value: 1
Other	<ul style="list-style-type: none"> Name: Other Value: 0

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Table 406-284 UnmanagedNeType

Name	Value
Access Gateway	<ul style="list-style-type: none"> Name: agw selectable: yes Value: 3
eNodeB	<ul style="list-style-type: none"> Name: enb selectable: yes Value: 4
Home Subscriber Server	<ul style="list-style-type: none"> Name: hss selectable: yes Value: 7

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Name	Value
Mobility Management Entity	<ul style="list-style-type: none"> • Name: mme • selectable: yes • Value: 5
PDN Gateway	<ul style="list-style-type: none"> • Name: pgw • selectable: yes • Value: 2
Policy and Charging Rule function	<ul style="list-style-type: none"> • Name: pcrf • selectable: yes • Value: 6
Serving Gateway	<ul style="list-style-type: none"> • Name: sgw • selectable: yes • Value: 1
Serving GPRS Support Node	<ul style="list-style-type: none"> • Name: sgsn • selectable: yes • Value: 8
Unknown	<ul style="list-style-type: none"> • Name: unknown • selectable: no • Value: 0

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Table 406-285 ValidULgrantSizeEnum

Name	Value
10 PRB	<ul style="list-style-type: none"> • Name: 10PRB • Value: 42
100 PRB	<ul style="list-style-type: none"> • Name: 100PRB • Value: 67
100	<ul style="list-style-type: none"> • Name: 100 • Value: 33
10	<ul style="list-style-type: none"> • Name: 10 • Value: 8
12 PRB	<ul style="list-style-type: none"> • Name: 12PRB • Value: 43
12	<ul style="list-style-type: none"> • Name: 12 • Value: 9
15 PRB	<ul style="list-style-type: none"> • Name: 15PRB • Value: 44
15	<ul style="list-style-type: none"> • Name: 15 • Value: 10
16 PRB	<ul style="list-style-type: none"> • Name: 16PRB • Value: 45
16	<ul style="list-style-type: none"> • Name: 16 • Value: 11

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Name	Value
18 PRB	<ul style="list-style-type: none"> Name: 18PRB Value: 46
18	<ul style="list-style-type: none"> Name: 18 Value: 12
1	<ul style="list-style-type: none"> Name: 1 Value: 0
1PRB	<ul style="list-style-type: none"> Name: 1PRB Value: 34
20 PRB	<ul style="list-style-type: none"> Name: 20PRB Value: 47
20	<ul style="list-style-type: none"> Name: 20 Value: 13
24 PRB	<ul style="list-style-type: none"> Name: 24PRB Value: 48
24	<ul style="list-style-type: none"> Name: 24 Value: 14
25 PRB	<ul style="list-style-type: none"> Name: 25PRB Value: 49
25	<ul style="list-style-type: none"> Name: 25 Value: 15
27 PRB	<ul style="list-style-type: none"> Name: 27PRB Value: 50
27	<ul style="list-style-type: none"> Name: 27 Value: 16
2	<ul style="list-style-type: none"> Name: 2 Value: 1
2PRB	<ul style="list-style-type: none"> Name: 2PRB Value: 35
30 PRB	<ul style="list-style-type: none"> Name: 30PRB Value: 51
30	<ul style="list-style-type: none"> Name: 30 Value: 17
32 PRB	<ul style="list-style-type: none"> Name: 32PRB Value: 52
32	<ul style="list-style-type: none"> Name: 32 Value: 18
36 PRB	<ul style="list-style-type: none"> Name: 36PRB Value: 53
36	<ul style="list-style-type: none"> Name: 36 Value: 19
3	<ul style="list-style-type: none"> Name: 3 Value: 2
3PRB	<ul style="list-style-type: none"> Name: 3PRB Value: 36

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Name	Value
40 PRB	<ul style="list-style-type: none"> Name: 40PRB Value: 54
40	<ul style="list-style-type: none"> Name: 40 Value: 20
45 PRB	<ul style="list-style-type: none"> Name: 45PRB Value: 55
45	<ul style="list-style-type: none"> Name: 45 Value: 21
48 PRB	<ul style="list-style-type: none"> Name: 48PRB Value: 56
48	<ul style="list-style-type: none"> Name: 48 Value: 22
4	<ul style="list-style-type: none"> Name: 4 Value: 3
4PRB	<ul style="list-style-type: none"> Name: 4PRB Value: 37
50 PRB	<ul style="list-style-type: none"> Name: 50PRB Value: 57
50	<ul style="list-style-type: none"> Name: 50 Value: 23
54 PRB	<ul style="list-style-type: none"> Name: 54PRB Value: 58
54	<ul style="list-style-type: none"> Name: 54 Value: 24
5	<ul style="list-style-type: none"> Name: 5 Value: 4
5PRB	<ul style="list-style-type: none"> Name: 5PRB Value: 38
60 PRB	<ul style="list-style-type: none"> Name: 60PRB Value: 59
60	<ul style="list-style-type: none"> Name: 60 Value: 25
64 PRB	<ul style="list-style-type: none"> Name: 64PRB Value: 60
64	<ul style="list-style-type: none"> Name: 64 Value: 26
6	<ul style="list-style-type: none"> Name: 6 Value: 5
6PRB	<ul style="list-style-type: none"> Name: 6PRB Value: 39
72 PRB	<ul style="list-style-type: none"> Name: 72PRB Value: 61
72	<ul style="list-style-type: none"> Name: 72 Value: 27

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Name	Value
75 PRB	<ul style="list-style-type: none"> Name: 75PRB Value: 62
75	<ul style="list-style-type: none"> Name: 75 Value: 28
80 PRB	<ul style="list-style-type: none"> Name: 80PRB Value: 63
80	<ul style="list-style-type: none"> Name: 80 Value: 29
81 PRB	<ul style="list-style-type: none"> Name: 81PRB Value: 64
81	<ul style="list-style-type: none"> Name: 81 Value: 30
8	<ul style="list-style-type: none"> Name: 8 Value: 6
8PRB	<ul style="list-style-type: none"> Name: 8PRB Value: 40
90 PRB	<ul style="list-style-type: none"> Name: 90PRB Value: 65
90	<ul style="list-style-type: none"> Name: 90 Value: 31
96 PRB	<ul style="list-style-type: none"> Name: 96PRB Value: 66
96	<ul style="list-style-type: none"> Name: 96 Value: 32
9	<ul style="list-style-type: none"> Name: 9 Value: 7
9PRB	<ul style="list-style-type: none"> Name: 9PRB Value: 41

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Table 406-286 VoIPcodecEnum

Name	Value
AM R- W B-12.65	<ul style="list-style-type: none"> Name: AMR_WB_12_65 Value: 14
AM R- W B-14.25	<ul style="list-style-type: none"> Name: AMR_WB_14_25 Value: 13
AM R- W B-15.85	<ul style="list-style-type: none"> Name: AMR_WB_15_85 Value: 12
AM R- W B-18.25	<ul style="list-style-type: none"> Name: AMR_WB_18_25 Value: 11
AM R- W B-19.85	<ul style="list-style-type: none"> Name: AMR_WB_19_85 Value: 10

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Name	Value
AM R- W B-23.05	<ul style="list-style-type: none">• Name: AMR_WB_23_05• Value: 9
AM R- W B-23.85	<ul style="list-style-type: none">• Name: AMR_WB_23_85• Value: 8
AM R- W B-6.60	<ul style="list-style-type: none">• Name: AMR_WB_6_60• Value: 16
AM R- W B-8.85	<ul style="list-style-type: none">• Name: AMR_WB_8_85• Value: 15
AM R-10.20	<ul style="list-style-type: none">• Name: AMR_10_20• Value: 1
AM R-12.20	<ul style="list-style-type: none">• Name: AMR_12_20• Value: 0
AM R-4.75	<ul style="list-style-type: none">• Name: AMR_4_75• Value: 7
AM R-5.15	<ul style="list-style-type: none">• Name: AMR_5_15• Value: 6
AM R-5.90	<ul style="list-style-type: none">• Name: AMR_5_90• Value: 5
AM R-6.70	<ul style="list-style-type: none">• Name: AMR_6_70• Value: 4
AM R-7.40	<ul style="list-style-type: none">• Name: AMR_7_40• Value: 3
AM R-7.95	<ul style="list-style-type: none">• Name: AMR_7_95• Value: 2

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407 –LTEI types

Table 407-1 Itelitypes parameters

Parameters	
InterceptedContentType InterceptedTargetType	OperationalState

Table 407-2 InterceptedContentType

Name	Value
IRI	<ul style="list-style-type: none">Name: iriValue: 1
IRICC	<ul style="list-style-type: none">Name: iriCCValue: 2

Table 407-3 InterceptedTargetType

Name	Value
IMEI	<ul style="list-style-type: none">Name: imeiValue: 3
IMSI	<ul style="list-style-type: none">Name: imsiValue: 1
MSISDN	<ul style="list-style-type: none">Name: msisdhValue: 2

Table 407-4 OperationalState

Name	Value
In Service	<ul style="list-style-type: none">• Name: inService• selectable: no• Value: 2
Out of Service	<ul style="list-style-type: none">• Name: outOfService• selectable: no• Value: 3
Transition	<ul style="list-style-type: none">• Name: transition• selectable: no• Value: 4
Unknown	<ul style="list-style-type: none">• Name: unknown• selectable: no• Value: 1

408 –LTEMME types

Table 408-1 Itemmetypes parameters

Parameters	
ACCESSREST_CAUSE	MSGNAME
APPLICATION_TYPE	NAS_CAUSE
Attempt	NetProtocol
CPIELEMENT	NetProtocol_no_BOTH
CS_CAP	NETWORK_ACCESS_MODE
DELIVERERRSDU	OBTAIN_IMEISV
DIAMAPPLTYPE	PagingType
DIAMETER_CAUSE	PROCEDURENAME
DSCPCODE	REGION_TYPE
EEA_ALGORITHM	RESBER
EIA_ALGORITHM	RESPONSETIME
ENCODING_NAME	SELECTALG
EPS_PRIORITY	SERVICES
ESRVC_BEHAVIOR	TAI_LAI_TYPE
GPARMNames	TIME_ZONE
INITIATELOC	TIMERNAME
Method	TIMERUNIT
MME_MAPPING_TYPE	TRAFFICCLASS
MME_MH_SH_CONFIG_TYPE	VERTICALREQUESTED
MNCDigits	ZONE_CODE_TYPE

Table 408-2 ACCESSREST_CAUSE

Name	Value
EUTRAN Restricted in a VPLMN	<ul style="list-style-type: none"> Name: EUTRAN_Restricted_in_a_VPLMN Value: 4
EUTRAN Restricted in the UE's HPLMN	<ul style="list-style-type: none"> Name: EUTRAN_Restricted_in_the_UE_s_HPLMN Value: 3
ODB - All Packet Oriented Services Barred	<ul style="list-style-type: none"> Name: ODB__All_Packet_Oriented_Services_Barred Value: 5
PLMN of the IMSI is not allowed	<ul style="list-style-type: none"> Name: PLMN_of_the_IMSI_is_not_allowed Value: 0
Roaming UE is not allowed in the TAI	<ul style="list-style-type: none"> Name: Roaming_UE_is_not_allowed_in_the_TAI Value: 2
UE is not allowed in a TAI in HPLMN	<ul style="list-style-type: none"> Name: UE_is_not_allowed_in_a_TAI_in_HPLMN Value: 1

Table 408-3 APPLICATION_TYPE

Name	Value
LVI	<ul style="list-style-type: none"> Name: LVI Value: 1
MME	<ul style="list-style-type: none"> Name: MME Value: 0

Table 408-4 Attempt

Name	Value
Attempt 1	<ul style="list-style-type: none"> Name: Attempt1 Value: 0
Attempt 2	<ul style="list-style-type: none"> Name: Attempt2 Value: 1
Attempt 3	<ul style="list-style-type: none"> Name: Attempt3 Value: 2
Attempt 4	<ul style="list-style-type: none"> Name: Attempt4 Value: 3

Table 408-5 CPIELEMENT

Name	Value
AttachFailures	<ul style="list-style-type: none"> Name: AttachFailures Value: 0 Description: Failure rate for Attach procedures.
AttachFailuresSysRelated	<ul style="list-style-type: none"> Name: AttachFailuresSysRelated Value: 23 Description: Failure rate for system-related Attach procedures.
CreateDedicatedBearerFailures	<ul style="list-style-type: none"> Name: CreateDedicatedBearerFailures Value: 3 Description: Failure rate for Create Dedicated Bearer procedure.
DeactivateDedBearerFailures	<ul style="list-style-type: none"> Name: DeactivateDedBearerFailures Value: 5 Description: Failure rate for Deactivate Dedicated Bearer.
DroppedDedBearers	<ul style="list-style-type: none"> Name: DroppedDedBearers Value: 8 Description: Failure rate for Dropped Dedicated Bearers
EIRfailuresS13	<ul style="list-style-type: none"> Name: EIRfailuresS13 Value: 26 Description: Failure rate for unsuccessful EquipmentCheckRequests (ECRs) to the number of ECRs attempted.
ExtServiceReqFailuresSysRelated	<ul style="list-style-type: none"> Name: ExtServiceReqFailuresSysRelated Value: 53 Description: System Related Extended Service Request Failures.
ExtServiceRequestFailures	<ul style="list-style-type: none"> Name: ExtServiceRequestFailures Value: 52 Description: Extended Service Request Failures.
FailuresOverSGs	<ul style="list-style-type: none"> Name: FailuresOverSGs Value: 20 Description: Failure rate for procedures between the MME and the UE context using SGs.
GTPcResponseTO_Gn	<ul style="list-style-type: none"> Name: GTPcResponseTO_Gn Value: 21 Description: Failure rate for GTPc expected response to messages timed out (Gn interface).
GTPcResponseTO_S10	<ul style="list-style-type: none"> Name: GTPcResponseTO_S10 Value: 16 Description: Failure rate for GTP-C Expected Response Messages Timed out (S10 interface).
GTPcResponseTO_S11	<ul style="list-style-type: none"> Name: GTPcResponseTO_S11 Value: 11 Description: Failure rate for GTP-C Expected Response Messages Timed out (S11 interface).
GTPcResponseTOS3	<ul style="list-style-type: none"> Name: GTPcResponseTOS3 Value: 28 Description: Failure rate for GTPc Response to S3

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Name	Value
HOfailuresFromGERANoverS3	<ul style="list-style-type: none"> Name: HOfailuresFromGERANoverS3 Value: 30 Description: Handover from GERAN over S3.
HOfailuresFromUTRANoverS3	<ul style="list-style-type: none"> Name: HOfailuresFromUTRANoverS3 Value: 32 Description: Handover failures from UTRAN over S3.
HOfailuresRAUto2G3GnewSgwOverS3	<ul style="list-style-type: none"> Name: HOfailuresRAUto2G3GnewSgwOverS3 Value: 34 Description: HOfailuresRAUto2G3GnewSgwOverS3: RAU-Based Handover to UTRAN/GERAN over S3 with SGW Relocation.
HOfailuresRAUto2G3GOverS3	<ul style="list-style-type: none"> Name: HOfailuresRAUto2G3GOverS3 Value: 36 Description: Handover Failures RAU to 2G3G Over S3.
HOfailuresRAUto2G3GsameSgwOverS3	<ul style="list-style-type: none"> Name: HOfailuresRAUto2G3GsameSgwOverS3 Value: 33 Description: RAU-Based Handover to UTRAN/GERAN over S3 without SGW Relocation.
HOFailuresTo3G2GOverGn	<ul style="list-style-type: none"> Name: HOFailuresTo3G2GOverGn Value: 22 Description: Failure rate for Handover to UTRAN/GERAN Scenarios over Gn.
HOfailuresToGERANoverS3	<ul style="list-style-type: none"> Name: HOfailuresToGERANoverS3 Value: 29 Description: Handover to GERAN over S3.
HOFailuresToLTEOverGn	<ul style="list-style-type: none"> Name: HOFailuresToLTEOverGn Value: 19 Description: Failure rate for Handover from UTRAN/GERAN Scenarios over Gn.
HOfailurestoUTRANoverS3	<ul style="list-style-type: none"> Name: HOfailurestoUTRANoverS3 Value: 31 Description: Handover failures to UTRAN over S3.
HOwMMERelocFailures_atSource	<ul style="list-style-type: none"> Name: HOwMMERelocFailures_atSource Value: 14 Description: Failure rate for Handover with MME Relocation Scenario (at a Source MME).
HOwMMERelocFailures_atTarget	<ul style="list-style-type: none"> Name: HOwMMERelocFailures_atTarget Value: 15 Description: Failure rate for Handover with MME Relocation Scenario (at a target MME).
HOwNoRelocFailures	<ul style="list-style-type: none"> Name: HOwNoRelocFailures Value: 6 Description: Failure rate for handover without MME relocation.
HOwSGWrelocFailures	<ul style="list-style-type: none"> Name: HOwSGWrelocFailures Value: 13 Description: Failure rate for handover without MME relocation and with SGW relocation scenario.
HSSauthFailures	<ul style="list-style-type: none"> Name: HSSauthFailures Value: 9 Description: Failure rate for HSS authentication.

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Name	Value
MAFCommunicationFailureRate	<ul style="list-style-type: none"> Name: MAFCommunicationFailureRate Value: 35 Description: MAF Communication Failure Rate
MBMSSessionStartM3FailureRate	<ul style="list-style-type: none"> Name: MBMSSessionStartM3FailureRate Value: 47 Description: MBMS Session Start M3 Failure Rate.
MBMSSessionStartSmFailureRate	<ul style="list-style-type: none"> Name: MBMSSessionStartSmFailureRate Value: 46 Description: MBMS Session Start Sm Failure Rate.
MBMSSessionStopM3FailureRate	<ul style="list-style-type: none"> Name: MBMSSessionStopM3FailureRate Value: 49 Description: MBMS Session Stop M3 Failure Rate.
MBMSSessionStopSmFailureRate	<ul style="list-style-type: none"> Name: MBMSSessionStopSmFailureRate Value: 48 Description: MBMS Session Stop Sm Failure Rate.
MBMSSessionUpdateM3FailureRate	<ul style="list-style-type: none"> Name: MBMSSessionUpdateM3FailureRate Value: 51 Description: MBMS Session Update M3 Failure Rate.
MBMSSessionUpdateSmFailureRate	<ul style="list-style-type: none"> Name: MBMSSessionUpdateSmFailureRate Value: 50 Description: MBMS Session Update Sm Failure Rate.
MMEUEcapacity	<ul style="list-style-type: none"> Name: MMEUEcapacity Value: 27 Description: MME capacity thresholds.
MobileTermLocRequestFailures	<ul style="list-style-type: none"> Name: MobileTermLocRequestFailures Value: 40 Description: Mobile Termination Location Request Failures.
NetwrkInducedLocRequestFailures	<ul style="list-style-type: none"> Name: NetwrkInducedLocRequestFailures Value: 41 Description: Network Induced Location Request Failures.
S1MMEconnFailures	<ul style="list-style-type: none"> Name: S1MMEconnFailures Value: 12 Description: Failure rate for S1-MME failed connection attempts.
S3TauFailures	<ul style="list-style-type: none"> Name: S3TauFailures Value: 37 Description: S3 TAU Failures.
S3TauFailuresInterSgw	<ul style="list-style-type: none"> Name: S3TauFailuresInterSgw Value: 39 Description: S3 TAU InterSgw Failures.
S3TauFailuresIntraSGW	<ul style="list-style-type: none"> Name: S3TauFailuresIntraSGW Value: 38 Description: S3 TAU IntraSGW Failures.
ServiceReqFailuresSysRelated	<ul style="list-style-type: none"> Name: ServiceReqFailuresSysRelated Value: 24 Description: Failure rate for system-related UE service request procedures.

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Name	Value
ServiceRequestFailures	<ul style="list-style-type: none"> Name: ServiceRequestFailures Value: 2 Description: Failure rate for UE service request procedures.
StopWarnMsgDeliveryS1MMEFailureRate	<ul style="list-style-type: none"> Name: StopWarnMsgDeliveryS1MMEFailureRate Value: 45 Description: Stop Warning Message Delivery S1MME Failure Rate.
StopWarnMsgDeliverySBcFailureRate	<ul style="list-style-type: none"> Name: StopWarnMsgDeliverySBcFailureRate Value: 44 Description: Stop Warning Message Delivery SBc Failure Rate.
TauFailures	<ul style="list-style-type: none"> Name: TauFailures Value: 7 Description: Failure rate for TAU scenario.
TauFailuresInterMme	<ul style="list-style-type: none"> Name: TauFailuresInterMme Value: 17 Description: Failure rate for TAU inter-MME scenario.
TauFailuresInterMmeInterSgw	<ul style="list-style-type: none"> Name: TauFailuresInterMmeInterSgw Value: 25 Description: Failure rate for TAU procedures for inter MME and inter SGW relocation.
TauFailuresInterSgw	<ul style="list-style-type: none"> Name: TauFailuresInterSgw Value: 18 Description: Failure rate for TAU inter-SGW scenario.
UEAuthFailures	<ul style="list-style-type: none"> Name: UEAuthFailures Value: 10 Description: UE authentication failures.
UpdateBearerFailures	<ul style="list-style-type: none"> Name: UpdateBearerFailures Value: 1 Description: Failure rate for update bearer.
UpdateDedicatedBearerFailures	<ul style="list-style-type: none"> Name: UpdateDedicatedBearerFailures Value: 4 Description: Failure rate for update dedicated bearer.
WarnMsgDeliveryS1MMEFailureRate	<ul style="list-style-type: none"> Name: WarnMsgDeliveryS1MMEFailureRate Value: 43 Description: Warning Message Delivery S1MME Failure Rate.
WarnMsgDeliverySBcFailureRate	<ul style="list-style-type: none"> Name: WarnMsgDeliverySBcFailureRate Value: 42 Description: Warning Message Delivery SBc Failure Rate.

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Table 408-6 CS_CAP

Name	Value
CSFB_2G3G	<ul style="list-style-type: none"> Name: CSFB_2G3G Value: 2
CSFB_Not_Preferred	<ul style="list-style-type: none"> Name: CSFB_Not_Preferred Value: 3

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Name	Value
SGS_None	<ul style="list-style-type: none"> Name: SGS_None Value: 0
SMS_Only	<ul style="list-style-type: none"> Name: SMS_Only Value: 1

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Table 408-7 DELIVERERRSDU

Name	Value
-	<ul style="list-style-type: none"> Name: _ Value: 0
No	<ul style="list-style-type: none"> Name: No Value: 2
Yes	<ul style="list-style-type: none"> Name: Yes Value: 1

Table 408-8 DIAMAPPLTYPE

Name	Value
RX	<ul style="list-style-type: none"> Name: RX Value: 2
S13	<ul style="list-style-type: none"> Name: S13 Value: 1
S6A	<ul style="list-style-type: none"> Name: S6A Value: 0
SLG	<ul style="list-style-type: none"> Name: SLG Value: 3

Table 408-9 DIAMETER_CAUSE

Name	Value
5001 - User Unknown	<ul style="list-style-type: none"> Name: 5001__User_Unknown Value: 0
5003 - Authorization Rejected	<ul style="list-style-type: none"> Name: 5003__Authorization_Rejected Value: 1
5004 - Roaming Not Allowed	<ul style="list-style-type: none"> Name: 5004__Roaming_Not_Allowed Value: 2
5012 - Unable to comply	<ul style="list-style-type: none"> Name: 5012__Unable_to_comply Value: 3

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Name	Value
5420 - Unknown EPS subscription	<ul style="list-style-type: none">Name: 5420__Unknown_EPS_subscriptionValue: 4
5421 - RAT Not allowed	<ul style="list-style-type: none">Name: 5421__RAT_Not_allowedValue: 5
5422 - Equipment Unknown	<ul style="list-style-type: none">Name: 5422__Equipment_UnknownValue: 6

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Table 408-10 DSCPCODE

Name	Value
AF11	<ul style="list-style-type: none">Name: AF11Value: 0
AF21	<ul style="list-style-type: none">Name: AF21Value: 1
AF31	<ul style="list-style-type: none">Name: AF31Value: 2
AF33	<ul style="list-style-type: none">Name: AF33Value: 4
AF41	<ul style="list-style-type: none">Name: AF41Value: 3
CS4	<ul style="list-style-type: none">Name: CS4Value: 7
CS5	<ul style="list-style-type: none">Name: CS5Value: 5
EF	<ul style="list-style-type: none">Name: EFValue: 6

Table 408-11 EEA_ALGORITHM

Name	Value
128-EEA0 (No ciphering)	<ul style="list-style-type: none">Name: 128_EEA0__No_ciphering__Value: 0
128-EEA1 (SNOW 3G)	<ul style="list-style-type: none">Name: 128_EEA1__SNOW_3G__Value: 1
128-EEA2 (AES)	<ul style="list-style-type: none">Name: 128_EEA2__AES__Value: 2

Table 408-12 EIA_ALGORITHM

Name	Value
128-EIA0 (No Algorithm)	<ul style="list-style-type: none"> Name: 128_EIA0__No_Algorithm_ Value: 0
128-EIA1 (SNOW 3G)	<ul style="list-style-type: none"> Name: 128_EIA1__SNOW_3G_ Value: 1
128-EIA2 (AES)	<ul style="list-style-type: none"> Name: 128_EIA2__AES_ Value: 2

Table 408-13 ENCODING_NAME

Name	Value
GSM default alphabet	<ul style="list-style-type: none"> Name: GSM_default_alphabet Value: 0
UCS2	<ul style="list-style-type: none"> Name: UCS2 Value: 1

Table 408-14 EPS_PRIORITY

Name	Value
Priority 1	<ul style="list-style-type: none"> Name: Priority_1 Value: 0
Priority 2	<ul style="list-style-type: none"> Name: Priority_2 Value: 1

Table 408-15 ESRVC_BEHAVIOR

Name	Value
All UEs are allowed	<ul style="list-style-type: none"> Name: All_UEs_are_allowed Value: 0
Only UEs that are authenticated are allowed	<ul style="list-style-type: none"> Name: Only_UEs_that_are_authenticated_are_allowed Value: 2
UE IMSI required, authentication optional	<ul style="list-style-type: none"> Name: UE_IMSI_required_authentication_optional Value: 3
Valid UEs only	<ul style="list-style-type: none"> Name: Valid_UEs_only Value: 1

Table 408-16 GPARMNames

Name	Value
Activate LCS	<ul style="list-style-type: none"> Name: Activate_LCS Value: 25 Description: Indicates whether or not to Activate LCS
ARP High Priority Access Level	<ul style="list-style-type: none"> Name: ARP_High_Priority_Access_Level Value: 24
ArpHValue	<ul style="list-style-type: none"> Name: ArpHValue Value: 0 Description: Indicates a High Priority (H) value to use for ARP translations.
ArpMValue	<ul style="list-style-type: none"> Name: ArpMValue Value: 1 Description: Indicates a Medium Priority (M) value to use for ARP translations.
Auto Add TAI to TAI List	<ul style="list-style-type: none"> Name: Auto_Add_TAI_to_TAI_List Value: 16 Description: Indicates how the 'Automatically Add TAI to the TAI List' should be handled.
Discover MME	<ul style="list-style-type: none"> Name: Discover_MME Value: 12 Description: Indicates whether or not (YES or NO) to use a DNS query to obtain a list of MME IP addresses for handling a given TAI. If set to yes, the S10 Interface Managed Objects (MOs) are created dynamically. If set to 'no', the S10 Interface MOs are created from provisioned data and are deleted when this provisioning data is removed from the system.
Discover SGW	<ul style="list-style-type: none"> Name: Discover_SGW Value: 5 Description: Indicates whether or not (YES or NO) to use a DNS query to obtain a list of SGW IP addresses for handling a given TAI. If set to yes, the S11 Interface Managed Objects (MOs) are created dynamically. If set to 'no', the S11 Interface MOs are created from provisioned data and are deleted when this provisioning data is removed from the system.
DtrUseCTXTMod	<ul style="list-style-type: none"> Name: DtrUseCTXTMod Value: 2 Description: Indicates whether or not the MME sends the UE Context Modification Request message in support of the DTR feature. If set to 'no' the MME uses the UE Context Release Command to release the S1 bearers in the DTR feature.
Enable Suspend	<ul style="list-style-type: none"> Name: Enable_Suspend Value: 9 Description: Indicates whether or not the MME sends a Suspend Notification to the SGW when processing a Context Release Request with Cause indicating Redirection to eHRPD.
GW Selection Mode	<ul style="list-style-type: none"> Name: GW_Selection_Mode Value: 29
IMS Over PS Supported	<ul style="list-style-type: none"> Name: IMS_Over_PS_Supported Value: 11 Description: Indicates whether the MME Home Network supports

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Name	Value
Include Neighbor List in TAI List	<ul style="list-style-type: none"> Name: Include_Neighbor_List_in_TAI_List Value: 15 Description: Indicates whether the MME includes (Yes) the provisioned set of Neighbor TAIs in the list of TAIs that is sent to the UE when the UE registers at the MME (Attach or TAU). If this parameter is set to 'No', the MME only includes the Last Seen TAI in the list of TAIs sent to the UE.
IPv4v6 SGSN	<ul style="list-style-type: none"> Name: IPv4v6_SGSN Value: 30
Keep GBR when ENB Fails	<ul style="list-style-type: none"> Name: Keep_GBR_when_ENB_Fails Value: 14 Description: Indicates whether (Yes), or not (No), all the GBR bearers associated with an eNB are deactivated when the S1-MME link to that eNB fails.
Keep GBR when Paging Fails	<ul style="list-style-type: none"> Name: Keep_GBR_when_Paging_Fails Value: 13 Description: Indicates whether (Yes), or not (No), the GBR bearers of the UE are deactivated if paging fails to locate the UE.
LCSAP Number of resets without Ack for alarm	<ul style="list-style-type: none"> Name: LCSAP_Number_of_resets_without_Ack_for_alarm Value: 26 Description: LCSAP Number of resets without Ack for alarm
NAS Tokens to Compare	<ul style="list-style-type: none"> Name: NAS_Tokens_to_Compare Value: 10 Description: The number of NAS tokens to compare in determining whether a UE is authenticated in a handover scenario from UTRAN/GERAN to LTE.
Nbr Page Atts UE Load Balancing	<ul style="list-style-type: none"> Name: Nbr_Page_Atts_UE_Load_Balancing Value: 27
Obtain UE-AMBR	<ul style="list-style-type: none"> Name: Obtain_UE_AMBR Value: 3 Description: Indicates the rule to use to obtain the local UE-AMBR. By entering '0', you designate the 'calculate rule' which means that the MME software implements the algorithm specified in Annex E of TS 23.401 to derive a local value for the parameter 5361 until the subscribed value can be obtained from the HSS. By entering a number between 1 and 50,000, the MME software uses the provisioned value until the subscribed value can be obtained from the HSS.
OC Call Trace Continue	<ul style="list-style-type: none"> Name: OC_Call_Trace_Continue Value: 7 Description: Indicates whether or not Call Trace will continue (YES), or be suspended (NO), on a MAF when the MAF is in a Major or Critical Overload condition.
OC PCMD Continue	<ul style="list-style-type: none"> Name: OC_PCMD_Continue Value: 6 Description: Indicates whether or not PCMD will continue (YES), or be suspended (NO), on a MAF when the MAF is in a Major or Critical Overload condition.
OC Send Overload Start and Stop to eNBs	<ul style="list-style-type: none"> Name: OC_Send_Overload_Start_and_Stop_to_eNBs Value: 31
R99 QoS Mapping Method	<ul style="list-style-type: none"> Name: R99_QoS_Mapping_Method Value: 32

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Name	Value
S3 Gn Indirect Forwarding	<ul style="list-style-type: none"> Name: S3_Gn_Indirect_Forwarding Value: 8 Description: Indicates whether Inter-RAT Handover using Gn or S3 always employs indirect data forwarding (ALWAYS), does not employ indirect data forwarding (NEVER), or employs indirect 4290 data forwarding for inter-PLMN inter-RAT Handover (INTER-PLMN/RAT ONLY).
Send NAS RAN Cause on S11	<ul style="list-style-type: none"> Name: Send_NAS_RAN_Cause_on_S11 Value: 18 Description: Indicates whether (Yes) or not (No) to send the NAS or RAN failure indication code on the S11 interface to the SGW.
SGs Paging CS	<ul style="list-style-type: none"> Name: SGs_Paging_CS Value: 21 Description: Indicates the paging strategy to use for SGs initiated paging for CS (for example, CSFB).
SGs Paging PS	<ul style="list-style-type: none"> Name: SGs_Paging_PS Value: 22 Description: Indicates the paging strategy to use for SGs initiated paging for PS (for example, SMS).
SGSN Discovery Method	<ul style="list-style-type: none"> Name: SGSN_Discovery_Method Value: 28
System Type	<ul style="list-style-type: none"> Name: System_Type Value: 17 Description: Reserved for future use.
Use Explicit Detach	<ul style="list-style-type: none"> Name: Use_Explicit_Detach Value: 4 Description: Indicates whether Explicit Detach is used (and the MME pages the UE as part of the explicit detach procedure), or whether an Implicit Detach is used (and the MME does not page the UE).
Use Mapped Diameter Codes	<ul style="list-style-type: none"> Name: Use_Mapped_Diameter_Codes Value: 20 Description: Indicates whether the MME uses the provisioned NAS cause code values (Yes), or uses the default NAS cause code values (No), when sending replies to the UE for errors indicated by experimental Diameter cause codes.
Use Mapped NAS Codes	<ul style="list-style-type: none"> Name: Use_Mapped_NAS_Codes Value: 19 Description: Indicates whether the MME used the provisioned NAS cause code values (Yes), or to use the default NAS cause code values (No), when sending replies to the UE for access restriction cases.
Use S6A SCTP Unordered Delivery	<ul style="list-style-type: none"> Name: Use_S6A_SCTP_Unordered_Delivery Value: 23 Description: Indicates whether or not the SCTP protocol bit in the SCTP DATA chunk is set to unordered or not.

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Table 408-17 INITIATELOC

Name	Value
Do not Initiate	<ul style="list-style-type: none"> Name: Do_not_Initiate Value: 0
Initiate Location Request	<ul style="list-style-type: none"> Name: Initiate_Location_Request Value: 1

Table 408-18 Method

Name	Value
LastSeenENB	<ul style="list-style-type: none"> Name: LastSeenENB Value: 0
LastSeenTAI	<ul style="list-style-type: none"> Name: LastSeenTAI Value: 1
LastSeenTAINBTAI	<ul style="list-style-type: none"> Name: LastSeenTAINBTAI Value: 2

Table 408-19 MME_MAPPING_TYPE

Name	Value
EVEN	<ul style="list-style-type: none"> Name: EVEN Value: 0
ODD	<ul style="list-style-type: none"> Name: ODD Value: 1
RANGE	<ul style="list-style-type: none"> Name: RANGE Value: 2

Table 408-20 MME_MH_SH_CONFIG_TYPE

Name	Value
Multi Homed	<ul style="list-style-type: none"> Name: Multi_Homed Value: 1
Single Homed	<ul style="list-style-type: none"> Name: Single_Homed Value: 0

Table 408-21 MNCDigits

Name	Value
2/3Digits	<ul style="list-style-type: none"> Name: 2_3Digits Value: 1
2Digits	<ul style="list-style-type: none"> Name: 2Digits Value: 0
3Digits	<ul style="list-style-type: none"> Name: 3Digits Value: 2

Table 408-22 MSGNAME

Name	Value
ActDedBrr	<ul style="list-style-type: none"> Name: ActDedBrr Value: 7 Description: Number of Activate Dedicated Bearer requests transmitted without receiving a corresponding response.
ActDefBrr	<ul style="list-style-type: none"> Name: ActDefBrr Value: 6 Description: Number of Activate Default Bearer requests transmitted without receiving a corresponding response.
Attach	<ul style="list-style-type: none"> Name: Attach Value: 0 Description: Number of Attach Procedures transmitted without receiving a corresponding response.
AuthRquest	<ul style="list-style-type: none"> Name: AuthRquest Value: 4 Description: Number of Authentication requests transmitted without receiving a corresponding response.
DactBrr	<ul style="list-style-type: none"> Name: DactBrr Value: 10 Description: Number of Deactivate Bearer requests transmitted without receiving a corresponding response.
ESMInfo	<ul style="list-style-type: none"> Name: ESMInfo Value: 9 Description: Number of ESM Information requests transmitted without receiving a corresponding response.
GUTIRelocation	<ul style="list-style-type: none"> Name: GUTIRelocation Value: 3 Description: Number of Globally Unique Temporary Identity Relocation procedures transmitted without receiving a corresponding response.
IdentityCom	<ul style="list-style-type: none"> Name: IdentityCom Value: 11 Description: Number of Identity procedure requests transmitted without receiving a corresponding response.

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Name	Value
ModifyBrr	<ul style="list-style-type: none"> Name: ModifyBrr Value: 8 Description: Number of Modify Bearer requests transmitted without receiving a corresponding response.
NetDetach	<ul style="list-style-type: none"> Name: NetDetach Value: 1 Description: Number of Network Initiated Detach procedures transmitted without receiving a corresponding response.
Ns10	<ul style="list-style-type: none"> Name: Ns10 Value: 14 Description: Number of retries to deliver messages across the SGs interface to the designated end point. The total number of attempts to deliver a message is the Number of Retries plus 1.
Ns12	<ul style="list-style-type: none"> Name: Ns12 Value: 15 Description: Number of retries to deliver messages across the SGs interface to the designated end point. The total number of attempts to deliver a message is the Number of Retries plus 1.
Ns8	<ul style="list-style-type: none"> Name: Ns8 Value: 12 Description: Number of retries to deliver messages across the SGs interface to the designated end point. The total number of attempts to deliver a message is the Number of Retries plus 1.
Ns9	<ul style="list-style-type: none"> Name: Ns9 Value: 13 Description: Number of retries to deliver messages across the SGs interface to the designated end point. The total number of attempts to deliver a message is the Number of Retries plus 1.
SecurityMode	<ul style="list-style-type: none"> Name: SecurityMode Value: 5 Description: Number of Security Mode requests transmitted without receiving a corresponding response.
SGSN Attach Accept	<ul style="list-style-type: none"> Name: SGSN_Attach_Accept Value: 17 Description: Reserved for future use.
SGSN Auth Ciph Request	<ul style="list-style-type: none"> Name: SGSN_Auth_Ciph_Request Value: 19 Description: Reserved for future use.
SGSN Deactivate PDP Cxt	<ul style="list-style-type: none"> Name: SGSN_Deactivate_PDP_Cxt Value: 21 Description: Reserved for future use.
SGSN Detach Request	<ul style="list-style-type: none"> Name: SGSN_Detach_Request Value: 16 Description: Reserved for future use.
SGSN Identity Request	<ul style="list-style-type: none"> Name: SGSN_Identity_Request Value: 20 Description: Reserved for future use.

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Name	Value
SGSN Rau Accept	<ul style="list-style-type: none"> Name: SGSN_Rau_Accept Value: 18 Description: Reserved for future use.
TAU	<ul style="list-style-type: none"> Name: TAU Value: 2 Description: Number of Tracking Area Update procedure transmitted without receiving a corresponding response.

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Table 408-23 NAS_CAUSE

Name	Value
02 - Imsi unknown in HSS	<ul style="list-style-type: none"> Name: 02___Imsi_unknown_in_HSS Value: 0
03 - Illegal MS	<ul style="list-style-type: none"> Name: 03___Illegal_MS Value: 1
05 - IMEI not accepted	<ul style="list-style-type: none"> Name: 05___IMEI_not_accepted Value: 2
06 - Illegal ME	<ul style="list-style-type: none"> Name: 06___Illegal_ME Value: 3
07 - EPS Services not allowed	<ul style="list-style-type: none"> Name: 07___EPS_Services_not_allowed Value: 4
08 - EPS services and non-EPS services not allowed	<ul style="list-style-type: none"> Name: 08___EPS_services_and_non_EPS_services_not_allowed Value: 5
09 - UE identity cannot be derived by the network	<ul style="list-style-type: none"> Name: 09___UE_identity_cannot_be_derived_by_the_network Value: 6
10 - Implicitly detached	<ul style="list-style-type: none"> Name: 10___Implicitly_detached Value: 7
100 - Conditional IE error	<ul style="list-style-type: none"> Name: 100___Conditional_IE_error Value: 32
101 - Message not compatible with protocol state	<ul style="list-style-type: none"> Name: 101___Message_not_compatible_with_protocol_state Value: 33
11 - PLMN not allowed	<ul style="list-style-type: none"> Name: 11___PLMN_not_allowed Value: 8
111 - Protocol error, unspecified	<ul style="list-style-type: none"> Name: 111___Protocol_error___unspecified Value: 34
12 - Tracking area not allowed	<ul style="list-style-type: none"> Name: 12___Tracking_area_not_allowed Value: 9
13 - Roaming not allowed in this tracking area	<ul style="list-style-type: none"> Name: 13___Roaming_not_allowed_in_this_tracking_area Value: 10
14 - EPS services not allowed in this PLMN	<ul style="list-style-type: none"> Name: 14___EPS_services_not_allowed_in_this_PLMN Value: 11
15 - No suitable cells in tracking area	<ul style="list-style-type: none"> Name: 15___No_suitable_cells_in_tracking_area Value: 12

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Name	Value
16 - MSC temporarily not reachable	<ul style="list-style-type: none"> Name: 16__MSC_temporarily_not_reachable Value: 13
17 - Network failure	<ul style="list-style-type: none"> Name: 17__Network_failure Value: 14
18 - CS domain not available	<ul style="list-style-type: none"> Name: 18__CS_domain_not_available Value: 15
19 - ESM failure	<ul style="list-style-type: none"> Name: 19__ESM_failure Value: 16
20 - MAC failure	<ul style="list-style-type: none"> Name: 20__MAC_failure Value: 17
21 - Sync failure	<ul style="list-style-type: none"> Name: 21__Sync_failure Value: 18
22 - Congestion	<ul style="list-style-type: none"> Name: 22__Congestion Value: 19
23 - UE security capabilities mismatch	<ul style="list-style-type: none"> Name: 23__UE_security_capabilities_mismatch Value: 20
24 - Security mode rejected, unspecified	<ul style="list-style-type: none"> Name: 24__Security_mode_rejected__unspecified Value: 21
25 - Not authorized for this CSG	<ul style="list-style-type: none"> Name: 25__Not_authorized_for_this_CSG Value: 22
26 - Non-EPS authentication unacceptable	<ul style="list-style-type: none"> Name: 26__Non_EPS_authentication_unacceptable Value: 23
38 - CS Fallback call established not allowed	<ul style="list-style-type: none"> Name: 38__CS_Fallback_call_established_not_allowed Value: 24
39 - CS domain Temporarily not available	<ul style="list-style-type: none"> Name: 39__CS_domain_Temporarily_not_available Value: 25
40 - No EPS Bearer Context Activated	<ul style="list-style-type: none"> Name: 40__No_EPS_Bearer_Context_Activated Value: 26
95 - Semantically incorrect message	<ul style="list-style-type: none"> Name: 95__Semantically_incorrect_message Value: 27
96 - Invalid mandatory information	<ul style="list-style-type: none"> Name: 96__Invalid_mandatory_information Value: 28
97 - Message type non-existent or not implemented	<ul style="list-style-type: none"> Name: 97__Message_type_non_existent_or_not_implemented Value: 29
98 - Message type not compatible with protocol state	<ul style="list-style-type: none"> Name: 98__Message_type_not_compatible_with_protocol_state Value: 30
99 - Information element non-existent or not implemented	<ul style="list-style-type: none"> Name: 99__Information_element_non_existent_or_not_implemented Value: 31

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Table 408-24 NetProtocol

Name	Value
BOTH	<ul style="list-style-type: none">• Name: BOTH• Value: 2
GTP	<ul style="list-style-type: none">• Name: GTP• Value: 0
PMIP	<ul style="list-style-type: none">• Name: PMIP• Value: 1

Table 408-25 NetProtocol_no_BOTH

Name	Value
GTP	<ul style="list-style-type: none">• Name: GTP• Value: 0
PMIP	<ul style="list-style-type: none">• Name: PMIP• Value: 1

Table 408-26 NETWORK_ACCESS_MODE

Name	Value
Packet and Circuit	<ul style="list-style-type: none">• Name: Packet_and_Circuit• Value: 0
Packet only	<ul style="list-style-type: none">• Name: Packet_only• Value: 1

Table 408-27 OBTAIN_IMEISV

Name	Value
IDR	<ul style="list-style-type: none">• Name: IDR• Value: 1
None	<ul style="list-style-type: none">• Name: None• Value: 0
SMC	<ul style="list-style-type: none">• Name: SMC• Value: 2

Table 408-28 PagingType

Name	Value
Basic	<ul style="list-style-type: none"> Name: Basic Value: 0
SGS_CS	<ul style="list-style-type: none"> Name: SGS_CS Value: 1
SGS_PS	<ul style="list-style-type: none"> Name: SGS_PS Value: 2

Table 408-29 PROCEDURENAME

Name	Value
IRATTAUpdate	<ul style="list-style-type: none"> Name: IRATTAUpdate Value: 5
ServiceReq	<ul style="list-style-type: none"> Name: ServiceReq Value: 2
SubAttach	<ul style="list-style-type: none"> Name: SubAttach Value: 0
TAUpdate	<ul style="list-style-type: none"> Name: TAUpdate Value: 1
UEInitDetach	<ul style="list-style-type: none"> Name: UEInitDetach Value: 3
UEInitExtSrvReq	<ul style="list-style-type: none"> Name: UEInitExtSrvReq Value: 4

Table 408-30 REGION_TYPE

Name	Value
Africa	<ul style="list-style-type: none"> Name: Africa Value: 1
Asia	<ul style="list-style-type: none"> Name: Asia Value: 2
Europe	<ul style="list-style-type: none"> Name: Europe Value: 3
North America	<ul style="list-style-type: none"> Name: North_America Value: 4
Oceania	<ul style="list-style-type: none"> Name: Oceania Value: 5

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Name	Value
South America	<ul style="list-style-type: none">• Name: South_America• Value: 6
Unknown	<ul style="list-style-type: none">• Name: Unknown• selectable: no• Value: 0

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Table 408-31 RESBER

Name	Value
10^-2	<ul style="list-style-type: none">• Name: 10__2• Value: 0
10^-3	<ul style="list-style-type: none">• Name: 10__3• Value: 1
10^-4	<ul style="list-style-type: none">• Name: 10__4• Value: 2
10^-5	<ul style="list-style-type: none">• Name: 10__5• Value: 3
10^-6	<ul style="list-style-type: none">• Name: 10__6• Value: 4
4*10^-3	<ul style="list-style-type: none">• Name: 4_10__3• Value: 5
5*10^-2	<ul style="list-style-type: none">• Name: 5_10__2• Value: 6
5*10^-3	<ul style="list-style-type: none">• Name: 5_10__3• Value: 7
6*10^-8	<ul style="list-style-type: none">• Name: 6_10__8• Value: 8

Table 408-32 RESPONSETIME

Name	Value
Delay Tolerant	<ul style="list-style-type: none">• Name: Delay_Tolerant• Value: 1
Low Delay	<ul style="list-style-type: none">• Name: Low_Delay• Value: 0

Table 408-33 SELECTALG

Name	Value
LoadShare	<ul style="list-style-type: none"> Name: LoadShare Value: 1
PrimarySecondary	<ul style="list-style-type: none"> Name: PrimarySecondary Value: 0

Table 408-34 SERVICES

Name	Value
LAF	<ul style="list-style-type: none"> Name: LAF Value: 4
LAFMSC	<ul style="list-style-type: none"> Name: LAFMSC Value: 5
LAFPCRF	<ul style="list-style-type: none"> Name: LAFPCRF Value: 6
LIF	<ul style="list-style-type: none"> Name: LIF Value: 2
LIFMSC	<ul style="list-style-type: none"> Name: LIFMSC Value: 3
MAF	<ul style="list-style-type: none"> Name: MAF Value: 1
MIF	<ul style="list-style-type: none"> Name: MIF Value: 0

Table 408-35 TAI_LAI_TYPE

Name	Value
LAI List	<ul style="list-style-type: none"> Name: LAI_List Value: 1
TAI List	<ul style="list-style-type: none"> Name: TAI_List Value: 0

Table 408-36 TIME_ZONE

Name	Value
Africa/Abidjan	<ul style="list-style-type: none"> Name: Africa_Abidjan Value: 0
Africa/Accra	<ul style="list-style-type: none"> Name: Africa_Accra Value: 1
Africa/Addis_Ababa	<ul style="list-style-type: none"> Name: Africa_Addis_Ababa Value: 2
Africa/Algiers	<ul style="list-style-type: none"> Name: Africa_Algiers Value: 3
Africa/Asmara	<ul style="list-style-type: none"> Name: Africa_Asmara Value: 4
Africa/Bamako	<ul style="list-style-type: none"> Name: Africa_Bamako Value: 5
Africa/Bangui	<ul style="list-style-type: none"> Name: Africa_Bangui Value: 6
Africa/Banjul	<ul style="list-style-type: none"> Name: Africa_Banjul Value: 7
Africa/Bissau	<ul style="list-style-type: none"> Name: Africa_Bissau Value: 8
Africa/Blantyre	<ul style="list-style-type: none"> Name: Africa_Blantyre Value: 9
Africa/Brazzaville	<ul style="list-style-type: none"> Name: Africa_Brazzaville Value: 10
Africa/Bujumbura	<ul style="list-style-type: none"> Name: Africa_Bujumbura Value: 11
Africa/Cairo	<ul style="list-style-type: none"> Name: Africa_Cairo Value: 12
Africa/Casablanca	<ul style="list-style-type: none"> Name: Africa_Casablanca Value: 13
Africa/Ceuta	<ul style="list-style-type: none"> Name: Africa_Ceuta Value: 14
Africa/Conakry	<ul style="list-style-type: none"> Name: Africa_Conakry Value: 15
Africa/Dakar	<ul style="list-style-type: none"> Name: Africa_Dakar Value: 16
Africa/Dar_es_Salaam	<ul style="list-style-type: none"> Name: Africa_Dar_es_Salaam Value: 17
Africa/Djibouti	<ul style="list-style-type: none"> Name: Africa_Djibouti Value: 18
Africa/Douala	<ul style="list-style-type: none"> Name: Africa_Douala Value: 19
Africa/El_Aaiun	<ul style="list-style-type: none"> Name: Africa_El_Aaiun Value: 20

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Name	Value
Africa/Freetown	<ul style="list-style-type: none"> Name: Africa_Freetown Value: 21
Africa/Gaborone	<ul style="list-style-type: none"> Name: Africa_Gaborone Value: 22
Africa/Harare	<ul style="list-style-type: none"> Name: Africa_Harare Value: 23
Africa/Johannesburg	<ul style="list-style-type: none"> Name: Africa_Johannesburg Value: 24
Africa/Kampala	<ul style="list-style-type: none"> Name: Africa_Kampala Value: 25
Africa/Khartoum	<ul style="list-style-type: none"> Name: Africa_Khartoum Value: 26
Africa/Kigali	<ul style="list-style-type: none"> Name: Africa_Kigali Value: 27
Africa/Kinshasa	<ul style="list-style-type: none"> Name: Africa_Kinshasa Value: 28
Africa/Lagos	<ul style="list-style-type: none"> Name: Africa_Lagos Value: 29
Africa/Libreville	<ul style="list-style-type: none"> Name: Africa_Libreville Value: 30
Africa/Lome	<ul style="list-style-type: none"> Name: Africa_Lome Value: 31
Africa/Luanda	<ul style="list-style-type: none"> Name: Africa_Luanda Value: 32
Africa/Lubumbashi	<ul style="list-style-type: none"> Name: Africa_Lubumbashi Value: 33
Africa/Lusaka	<ul style="list-style-type: none"> Name: Africa_Lusaka Value: 34
Africa/Malabo	<ul style="list-style-type: none"> Name: Africa_Malabo Value: 35
Africa/Maputo	<ul style="list-style-type: none"> Name: Africa_Maputo Value: 36
Africa/Maseru	<ul style="list-style-type: none"> Name: Africa_Maseru Value: 37
Africa/Mbabane	<ul style="list-style-type: none"> Name: Africa_Mbabane Value: 38
Africa/Mogadishu	<ul style="list-style-type: none"> Name: Africa_Mogadishu Value: 39
Africa/Monrovia	<ul style="list-style-type: none"> Name: Africa_Monrovia Value: 40
Africa/Nairobi	<ul style="list-style-type: none"> Name: Africa_Nairobi Value: 41
Africa/Ndjamena	<ul style="list-style-type: none"> Name: Africa_Ndjamena Value: 42

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Name	Value
Africa/Niamey	<ul style="list-style-type: none"> Name: Africa_Niamey Value: 43
Africa/Nouakchott	<ul style="list-style-type: none"> Name: Africa_Nouakchott Value: 44
Africa/Ouagadougou	<ul style="list-style-type: none"> Name: Africa_Ouagadougou Value: 45
Africa/Porto-Novo	<ul style="list-style-type: none"> Name: Africa_Porto_Novo Value: 46
Africa/Sao_Tome	<ul style="list-style-type: none"> Name: Africa_Sao_Tome Value: 47
Africa/Tripoli	<ul style="list-style-type: none"> Name: Africa_Tripoli Value: 48
Africa/Tunis	<ul style="list-style-type: none"> Name: Africa_Tunis Value: 49
Africa/Windhoek	<ul style="list-style-type: none"> Name: Africa_Windhoek Value: 50
America/Adak	<ul style="list-style-type: none"> Name: America_Adak Value: 51
America/Anchorage	<ul style="list-style-type: none"> Name: America_Anchorage Value: 52
America/Anguilla	<ul style="list-style-type: none"> Name: America_Anguilla Value: 53
America/Antigua	<ul style="list-style-type: none"> Name: America_Antigua Value: 54
America/Araguaina	<ul style="list-style-type: none"> Name: America_Araguaina Value: 55
America/Argentina/Buenos_Aires	<ul style="list-style-type: none"> Name: America_Argentina_Buenos_Aires Value: 56
America/Argentina/Catamarca	<ul style="list-style-type: none"> Name: America_Argentina_Catamarca Value: 57
America/Argentina/Cordoba	<ul style="list-style-type: none"> Name: America_Argentina_Cordoba Value: 58
America/Argentina/Jujuy	<ul style="list-style-type: none"> Name: America_Argentina_Jujuy Value: 59
America/Argentina/La_Rioja	<ul style="list-style-type: none"> Name: America_Argentina_La_Rioja Value: 60
America/Argentina/Mendoza	<ul style="list-style-type: none"> Name: America_Argentina_Mendoza Value: 61
America/Argentina/Rio_Gallegos	<ul style="list-style-type: none"> Name: America_Argentina_Rio_Gallegos Value: 62
America/Argentina/Salta	<ul style="list-style-type: none"> Name: America_Argentina_Salta Value: 63
America/Argentina/San_Juan	<ul style="list-style-type: none"> Name: America_Argentina_San_Juan Value: 64

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Name	Value
America/Argentina/San_Luis	<ul style="list-style-type: none"> • Name: America_Argentina_San_Luis • Value: 65
America/Argentina/Tucuman	<ul style="list-style-type: none"> • Name: America_Argentina_Tucuman • Value: 66
America/Argentina/Ushuaia	<ul style="list-style-type: none"> • Name: America_Argentina_Ushuaia • Value: 67
America/Aruba	<ul style="list-style-type: none"> • Name: America_Aruba • Value: 68
America/Asuncion	<ul style="list-style-type: none"> • Name: America_Asuncion • Value: 69
America/Atikokan	<ul style="list-style-type: none"> • Name: America_Atikokan • Value: 70
America/Bahia	<ul style="list-style-type: none"> • Name: America_Bahia • Value: 71
America/Barbados	<ul style="list-style-type: none"> • Name: America_Barbados • Value: 72
America/Belem	<ul style="list-style-type: none"> • Name: America_Belem • Value: 73
America/Belize	<ul style="list-style-type: none"> • Name: America_Belize • Value: 74
America/Blanc-Sablon	<ul style="list-style-type: none"> • Name: America_Blanc_Sablon • Value: 75
America/Boa_Vista	<ul style="list-style-type: none"> • Name: America_Boa_Vista • Value: 76
America/Bogota	<ul style="list-style-type: none"> • Name: America_Bogota • Value: 77
America/Boise	<ul style="list-style-type: none"> • Name: America_Boise • Value: 78
America/Cambridge_Bay	<ul style="list-style-type: none"> • Name: America_Cambridge_Bay • Value: 79
America/Campo_Grande	<ul style="list-style-type: none"> • Name: America_Campo_Grande • Value: 80
America/Cancun	<ul style="list-style-type: none"> • Name: America_Cancun • Value: 81
America/Caracas	<ul style="list-style-type: none"> • Name: America_Caracas • Value: 82
America/Cayenne	<ul style="list-style-type: none"> • Name: America_Cayenne • Value: 83
America/Cayman	<ul style="list-style-type: none"> • Name: America_Cayman • Value: 84
America/Chicago	<ul style="list-style-type: none"> • Name: America_Chicago • Value: 85
America/Chihuahua	<ul style="list-style-type: none"> • Name: America_Chihuahua • Value: 86

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Name	Value
America/Costa_Rica	<ul style="list-style-type: none"> Name: America_Costa_Rica Value: 87
America/Cuiaba	<ul style="list-style-type: none"> Name: America_Cuiaba Value: 88
America/Curacao	<ul style="list-style-type: none"> Name: America_Curacao Value: 89
America/Danmarkshavn	<ul style="list-style-type: none"> Name: America_Danmarkshavn Value: 90
America/Dawson	<ul style="list-style-type: none"> Name: America_Dawson Value: 91
America/Dawson_Creek	<ul style="list-style-type: none"> Name: America_Dawson_Creek Value: 92
America/Denver	<ul style="list-style-type: none"> Name: America_Denver Value: 93
America/Detroit	<ul style="list-style-type: none"> Name: America_Detroit Value: 94
America/Dominica	<ul style="list-style-type: none"> Name: America_Dominica Value: 95
America/Edmonton	<ul style="list-style-type: none"> Name: America_Edmonton Value: 96
America/Eirunepe	<ul style="list-style-type: none"> Name: America_Eirunepe Value: 97
America/El_Salvador	<ul style="list-style-type: none"> Name: America_El_Salvador Value: 98
America/Fortaleza	<ul style="list-style-type: none"> Name: America_Fortaleza Value: 99
America/Glace_Bay	<ul style="list-style-type: none"> Name: America_Glace_Bay Value: 100
America/Godthab	<ul style="list-style-type: none"> Name: America_Godthab Value: 101
America/Goose_Bay	<ul style="list-style-type: none"> Name: America_Goose_Bay Value: 102
America/Grand_Turk	<ul style="list-style-type: none"> Name: America_Grand_Turk Value: 103
America/Grenada	<ul style="list-style-type: none"> Name: America_Grenada Value: 104
America/Guadeloupe	<ul style="list-style-type: none"> Name: America_Guadeloupe Value: 105
America/Guatemala	<ul style="list-style-type: none"> Name: America_Guatemala Value: 106
America/Guayaquil	<ul style="list-style-type: none"> Name: America_Guayaquil Value: 107
America/Guyana	<ul style="list-style-type: none"> Name: America_Guyana Value: 108

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Name	Value
America/Halifax	<ul style="list-style-type: none"> Name: America_Halifax Value: 109
America/Havana	<ul style="list-style-type: none"> Name: America_Havana Value: 110
America/Hermosillo	<ul style="list-style-type: none"> Name: America_Hermosillo Value: 111
America/Indiana/Indianapolis	<ul style="list-style-type: none"> Name: America_Indiana_Indianapolis Value: 112
America/Indiana/Knox	<ul style="list-style-type: none"> Name: America_Indiana_Knox Value: 113
America/Indiana/Marengo	<ul style="list-style-type: none"> Name: America_Indiana_Marengo Value: 114
America/Indiana/Petersburg	<ul style="list-style-type: none"> Name: America_Indiana_Petersburg Value: 115
America/Indiana/Tell_City	<ul style="list-style-type: none"> Name: America_Indiana_Tell_City Value: 116
America/Indiana/Vevay	<ul style="list-style-type: none"> Name: America_Indiana_Vevay Value: 117
America/Indiana/Vincennes	<ul style="list-style-type: none"> Name: America_Indiana_Vincennes Value: 118
America/Indiana/Winamac	<ul style="list-style-type: none"> Name: America_Indiana_Winamac Value: 119
America/Inuvik	<ul style="list-style-type: none"> Name: America_Inuvik Value: 120
America/Iqaluit	<ul style="list-style-type: none"> Name: America_Iqaluit Value: 121
America/Jamaica	<ul style="list-style-type: none"> Name: America_Jamaica Value: 122
America/Juneau	<ul style="list-style-type: none"> Name: America_Juneau Value: 123
America/Kentucky/Louisville	<ul style="list-style-type: none"> Name: America_Kentucky_Louisville Value: 124
America/Kentucky/Monticello	<ul style="list-style-type: none"> Name: America_Kentucky_Monticello Value: 125
America/La_Paz	<ul style="list-style-type: none"> Name: America_La_Paz Value: 126
America/Lima	<ul style="list-style-type: none"> Name: America_Lima Value: 127
America/Los_Angeles	<ul style="list-style-type: none"> Name: America_Los_Angeles Value: 128
America/Maceio	<ul style="list-style-type: none"> Name: America_Maceio Value: 129
America/Managua	<ul style="list-style-type: none"> Name: America_Managua Value: 130

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Name	Value
America/Manaus	<ul style="list-style-type: none"> Name: America_Manaus Value: 131
America/Marigot	<ul style="list-style-type: none"> Name: America_Marigot Value: 132
America/Martinique	<ul style="list-style-type: none"> Name: America_Martinique Value: 133
America/Matamoros	<ul style="list-style-type: none"> Name: America_Matamoros Value: 134
America/Mazatlan	<ul style="list-style-type: none"> Name: America_Mazatlan Value: 135
America/Menominee	<ul style="list-style-type: none"> Name: America_Menominee Value: 136
America/Merida	<ul style="list-style-type: none"> Name: America_Merida Value: 137
America/Mexico_City	<ul style="list-style-type: none"> Name: America_Mexico_City Value: 138
America/Miquelon	<ul style="list-style-type: none"> Name: America_Miquelon Value: 139
America/Moncton	<ul style="list-style-type: none"> Name: America_Moncton Value: 140
America/Monterrey	<ul style="list-style-type: none"> Name: America_Monterrey Value: 141
America/Montevideo	<ul style="list-style-type: none"> Name: America_Montevideo Value: 142
America/Montreal	<ul style="list-style-type: none"> Name: America_Montreal Value: 143
America/Montserrat	<ul style="list-style-type: none"> Name: America_Montserrat Value: 144
America/Nassau	<ul style="list-style-type: none"> Name: America_Nassau Value: 145
America/New_York	<ul style="list-style-type: none"> Name: America_New_York Value: 146
America/Nipigon	<ul style="list-style-type: none"> Name: America_Nipigon Value: 147
America/Nome	<ul style="list-style-type: none"> Name: America_Nome Value: 148
America/Noronha	<ul style="list-style-type: none"> Name: America_Noronha Value: 149
America/North_Dakota/Center	<ul style="list-style-type: none"> Name: America_North_Dakota_Center Value: 150
America/North_Dakota/New_Salem	<ul style="list-style-type: none"> Name: America_North_Dakota_New_Salem Value: 151
America/Ojinaga	<ul style="list-style-type: none"> Name: America_Ojinaga Value: 152

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Name	Value
America/Panama	<ul style="list-style-type: none"> Name: America_Panama Value: 153
America/Pangnirtung	<ul style="list-style-type: none"> Name: America_Pangnirtung Value: 154
America/Paramaribo	<ul style="list-style-type: none"> Name: America_Paramaribo Value: 155
America/Phoenix	<ul style="list-style-type: none"> Name: America_Phoenix Value: 156
America/Port-au-Prince	<ul style="list-style-type: none"> Name: America_Port_au_Prince Value: 157
America/Port_of_Spain	<ul style="list-style-type: none"> Name: America_Port_of_Spain Value: 158
America/Porto_Velho	<ul style="list-style-type: none"> Name: America_Porto_Velho Value: 159
America/Puerto_Rico	<ul style="list-style-type: none"> Name: America_Puerto_Rico Value: 160
America/Rainy_River	<ul style="list-style-type: none"> Name: America_Rainy_River Value: 161
America/Rankin_Inlet	<ul style="list-style-type: none"> Name: America_Rankin_Inlet Value: 162
America/Recife	<ul style="list-style-type: none"> Name: America_Recife Value: 163
America/Regina	<ul style="list-style-type: none"> Name: America_Regina Value: 164
America/Resolute	<ul style="list-style-type: none"> Name: America_Resolute Value: 165
America/Rio_Branco	<ul style="list-style-type: none"> Name: America_Rio_Branco Value: 166
America/Santa_Isabel	<ul style="list-style-type: none"> Name: America_Santa_Isabel Value: 167
America/Santarem	<ul style="list-style-type: none"> Name: America_Santarem Value: 168
America/Santiago	<ul style="list-style-type: none"> Name: America_Santiago Value: 169
America/Santo_Domingo	<ul style="list-style-type: none"> Name: America_Santo_Domingo Value: 170
America/Sao_Paulo	<ul style="list-style-type: none"> Name: America_Sao_Paulo Value: 171
America/Scoresbysund	<ul style="list-style-type: none"> Name: America_Scoresbysund Value: 172
America/Shiprock	<ul style="list-style-type: none"> Name: America_Shiprock Value: 173
America/St_Barthelemy	<ul style="list-style-type: none"> Name: America_St_Barthelemy Value: 174

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Name	Value
America/St_Johns	<ul style="list-style-type: none"> Name: America_St_Johns Value: 175
America/St_Kitts	<ul style="list-style-type: none"> Name: America_St_Kitts Value: 176
America/St_Lucia	<ul style="list-style-type: none"> Name: America_St_Lucia Value: 177
America/St_Thomas	<ul style="list-style-type: none"> Name: America_St_Thomas Value: 178
America/St_Vincent	<ul style="list-style-type: none"> Name: America_St_Vincent Value: 179
America/Swift_Current	<ul style="list-style-type: none"> Name: America_Swift_Current Value: 180
America/Tegucigalpa	<ul style="list-style-type: none"> Name: America_Tegucigalpa Value: 181
America/Thule	<ul style="list-style-type: none"> Name: America_Thule Value: 182
America/Thunder_Bay	<ul style="list-style-type: none"> Name: America_Thunder_Bay Value: 183
America/Tijuana	<ul style="list-style-type: none"> Name: America_Tijuana Value: 184
America/Toronto	<ul style="list-style-type: none"> Name: America_Toronto Value: 185
America/Tortola	<ul style="list-style-type: none"> Name: America_Tortola Value: 186
America/Vancouver	<ul style="list-style-type: none"> Name: America_Vancouver Value: 187
America/Whitehorse	<ul style="list-style-type: none"> Name: America_Whitehorse Value: 188
America/Winnipeg	<ul style="list-style-type: none"> Name: America_Winnipeg Value: 189
America/Yakutat	<ul style="list-style-type: none"> Name: America_Yakutat Value: 190
America/Yellowknife	<ul style="list-style-type: none"> Name: America_Yellowknife Value: 191
Antarctica/Casey	<ul style="list-style-type: none"> Name: Antarctica_Casey Value: 192
Antarctica/Davis	<ul style="list-style-type: none"> Name: Antarctica_Davis Value: 193
Antarctica/DumontDURville	<ul style="list-style-type: none"> Name: Antarctica_DumontDURville Value: 194
Antarctica/Mawson	<ul style="list-style-type: none"> Name: Antarctica_Mawson Value: 195
Antarctica/McMurdo	<ul style="list-style-type: none"> Name: Antarctica_McMurdo Value: 196

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Name	Value
Antarctica/Palmer	<ul style="list-style-type: none"> Name: Antarctica_Palmer Value: 197
Antarctica/Rothera	<ul style="list-style-type: none"> Name: Antarctica_Rothera Value: 198
Antarctica/South_Pole	<ul style="list-style-type: none"> Name: Antarctica_South_Pole Value: 199
Antarctica/Syowa	<ul style="list-style-type: none"> Name: Antarctica_Syowa Value: 200
Antarctica/Vostok	<ul style="list-style-type: none"> Name: Antarctica_Vostok Value: 201
Arctic/Longyearbyen	<ul style="list-style-type: none"> Name: Arctic_Longyearbyen Value: 202
Asia/Aden	<ul style="list-style-type: none"> Name: Asia_Aden Value: 203
Asia/Almaty	<ul style="list-style-type: none"> Name: Asia_Almaty Value: 204
Asia/Amman	<ul style="list-style-type: none"> Name: Asia_Amman Value: 205
Asia/Anadyr	<ul style="list-style-type: none"> Name: Asia_Anadyr Value: 206
Asia/Aqtau	<ul style="list-style-type: none"> Name: Asia_Aqtau Value: 207
Asia/Aqtobe	<ul style="list-style-type: none"> Name: Asia_Aqtobe Value: 208
Asia/Ashgabat	<ul style="list-style-type: none"> Name: Asia_Ashgabat Value: 209
Asia/Baghdad	<ul style="list-style-type: none"> Name: Asia_Baghdad Value: 210
Asia/Bahrain	<ul style="list-style-type: none"> Name: Asia_Bahrain Value: 211
Asia/Baku	<ul style="list-style-type: none"> Name: Asia_Baku Value: 212
Asia/Bangkok	<ul style="list-style-type: none"> Name: Asia_Bangkok Value: 213
Asia/Beirut	<ul style="list-style-type: none"> Name: Asia_Beirut Value: 214
Asia/Bishkek	<ul style="list-style-type: none"> Name: Asia_Bishkek Value: 215
Asia/Brunei	<ul style="list-style-type: none"> Name: Asia_Brunei Value: 216
Asia/Choibalsan	<ul style="list-style-type: none"> Name: Asia_Choibalsan Value: 217
Asia/Chongqing	<ul style="list-style-type: none"> Name: Asia_Chongqing Value: 218

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Name	Value
Asia/Colombo	<ul style="list-style-type: none"> Name: Asia_Colombo Value: 219
Asia/Damascus	<ul style="list-style-type: none"> Name: Asia_Damascus Value: 220
Asia/Dhaka	<ul style="list-style-type: none"> Name: Asia_Dhaka Value: 221
Asia/Dili	<ul style="list-style-type: none"> Name: Asia_Dili Value: 222
Asia/Dubai	<ul style="list-style-type: none"> Name: Asia_Dubai Value: 223
Asia/Dushanbe	<ul style="list-style-type: none"> Name: Asia_Dushanbe Value: 224
Asia/Gaza	<ul style="list-style-type: none"> Name: Asia_Gaza Value: 225
Asia/Harbin	<ul style="list-style-type: none"> Name: Asia_Harbin Value: 226
Asia/Ho_Chi_Minh	<ul style="list-style-type: none"> Name: Asia_Ho_Chi_Minh Value: 227
Asia/Hong_Kong	<ul style="list-style-type: none"> Name: Asia_Hong_Kong Value: 228
Asia/Hovd	<ul style="list-style-type: none"> Name: Asia_Hovd Value: 229
Asia/Irkutsk	<ul style="list-style-type: none"> Name: Asia_Irkutsk Value: 230
Asia/Jakarta	<ul style="list-style-type: none"> Name: Asia_Jakarta Value: 231
Asia/Jayapura	<ul style="list-style-type: none"> Name: Asia_Jayapura Value: 232
Asia/Jerusalem	<ul style="list-style-type: none"> Name: Asia_Jerusalem Value: 233
Asia/Kabul	<ul style="list-style-type: none"> Name: Asia_Kabul Value: 234
Asia/Kamchatka	<ul style="list-style-type: none"> Name: Asia_Kamchatka Value: 235
Asia/Karachi	<ul style="list-style-type: none"> Name: Asia_Karachi Value: 236
Asia/Kashgar	<ul style="list-style-type: none"> Name: Asia_Kashgar Value: 237
Asia/Kathmandu	<ul style="list-style-type: none"> Name: Asia_Kathmandu Value: 238
Asia/Kolkata	<ul style="list-style-type: none"> Name: Asia_Kolkata Value: 239
Asia/Krasnoyarsk	<ul style="list-style-type: none"> Name: Asia_Krasnoyarsk Value: 240

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Name	Value
Asia/Kuala_Lumpur	<ul style="list-style-type: none"> Name: Asia_Kuala_Lumpur Value: 241
Asia/Kuching	<ul style="list-style-type: none"> Name: Asia_Kuching Value: 242
Asia/Kuwait	<ul style="list-style-type: none"> Name: Asia_Kuwait Value: 243
Asia/Macau	<ul style="list-style-type: none"> Name: Asia_Macau Value: 244
Asia/Magadan	<ul style="list-style-type: none"> Name: Asia_Magadan Value: 245
Asia/Makassar	<ul style="list-style-type: none"> Name: Asia_Makassar Value: 246
Asia/Manila	<ul style="list-style-type: none"> Name: Asia_Manila Value: 247
Asia/Muscat	<ul style="list-style-type: none"> Name: Asia_Muscat Value: 248
Asia/Nicosia	<ul style="list-style-type: none"> Name: Asia_Nicosia Value: 249
Asia/Novokuznetsk	<ul style="list-style-type: none"> Name: Asia_Novokuznetsk Value: 250
Asia/Novosibirsk	<ul style="list-style-type: none"> Name: Asia_Novosibirsk Value: 251
Asia/Omsk	<ul style="list-style-type: none"> Name: Asia_Omsk Value: 252
Asia/Oral	<ul style="list-style-type: none"> Name: Asia_Oral Value: 253
Asia/Phnom_Penh	<ul style="list-style-type: none"> Name: Asia_Phnom_Penh Value: 254
Asia/Pontianak	<ul style="list-style-type: none"> Name: Asia_Pontianak Value: 255
Asia/Pyongyang	<ul style="list-style-type: none"> Name: Asia_Pyongyang Value: 256
Asia/Qatar	<ul style="list-style-type: none"> Name: Asia_Qatar Value: 257
Asia/Qyzylorda	<ul style="list-style-type: none"> Name: Asia_Qyzylorda Value: 258
Asia/Rangoon	<ul style="list-style-type: none"> Name: Asia_Rangoon Value: 259
Asia/Riyadh	<ul style="list-style-type: none"> Name: Asia_Riyadh Value: 260
Asia/Sakhalin	<ul style="list-style-type: none"> Name: Asia_Sakhalin Value: 261
Asia/Samarkand	<ul style="list-style-type: none"> Name: Asia_Samarkand Value: 262

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Name	Value
Asia/Seoul	<ul style="list-style-type: none"> Name: Asia_Seoul Value: 263
Asia/Shanghai	<ul style="list-style-type: none"> Name: Asia_Shanghai Value: 264
Asia/Singapore	<ul style="list-style-type: none"> Name: Asia_Singapore Value: 265
Asia/Taipei	<ul style="list-style-type: none"> Name: Asia_Taipei Value: 266
Asia/Tashkent	<ul style="list-style-type: none"> Name: Asia_Tashkent Value: 267
Asia/Tbilisi	<ul style="list-style-type: none"> Name: Asia_Tbilisi Value: 268
Asia/Tehran	<ul style="list-style-type: none"> Name: Asia_Tehran Value: 269
Asia/Thimphu	<ul style="list-style-type: none"> Name: Asia_Thimphu Value: 270
Asia/Tokyo	<ul style="list-style-type: none"> Name: Asia_Tokyo Value: 271
Asia/Ulaanbaatar	<ul style="list-style-type: none"> Name: Asia_Ulaanbaatar Value: 272
Asia/Ulan_Bator	<ul style="list-style-type: none"> Name: Asia_Ulan_Bator Value: 273
Asia/Urumqi	<ul style="list-style-type: none"> Name: Asia_Urumqi Value: 274
Asia/Vientiane	<ul style="list-style-type: none"> Name: Asia_Vientiane Value: 275
Asia/Vladivostok	<ul style="list-style-type: none"> Name: Asia_Vladivostok Value: 276
Asia/Yakutsk	<ul style="list-style-type: none"> Name: Asia_Yakutsk Value: 277
Asia/Yekaterinburg	<ul style="list-style-type: none"> Name: Asia_Yekaterinburg Value: 278
Asia/Yerevan	<ul style="list-style-type: none"> Name: Asia_Yerevan Value: 279
Atlantic/Azores	<ul style="list-style-type: none"> Name: Atlantic_Azores Value: 280
Atlantic/Bermuda	<ul style="list-style-type: none"> Name: Atlantic_Bermuda Value: 281
Atlantic/Canary	<ul style="list-style-type: none"> Name: Atlantic_Canary Value: 282
Atlantic/Cape_Verde	<ul style="list-style-type: none"> Name: Atlantic_Cape_Verde Value: 283
Atlantic/Faroe	<ul style="list-style-type: none"> Name: Atlantic_Faroe Value: 284

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Name	Value
Atlantic/Madeira	<ul style="list-style-type: none"> Name: Atlantic_Madeira Value: 285
Atlantic/Reykjavik	<ul style="list-style-type: none"> Name: Atlantic_Reykjavik Value: 286
Atlantic/South_Georgia	<ul style="list-style-type: none"> Name: Atlantic_South_Georgia Value: 287
Atlantic/St_Helena	<ul style="list-style-type: none"> Name: Atlantic_St_Helena Value: 288
Atlantic/Stanley	<ul style="list-style-type: none"> Name: Atlantic_St Stanley Value: 289
Australia/Adelaide	<ul style="list-style-type: none"> Name: Australia_Adelaide Value: 290
Australia/Brisbane	<ul style="list-style-type: none"> Name: Australia_Brisbane Value: 291
Australia/Broken_Hill	<ul style="list-style-type: none"> Name: Australia_Broken_Hill Value: 292
Australia/Currie	<ul style="list-style-type: none"> Name: Australia_Currie Value: 293
Australia/Darwin	<ul style="list-style-type: none"> Name: Australia_Darwin Value: 294
Australia/Eucla	<ul style="list-style-type: none"> Name: Australia_Eucla Value: 295
Australia/Hobart	<ul style="list-style-type: none"> Name: Australia_Hobart Value: 296
Australia/Lindeman	<ul style="list-style-type: none"> Name: Australia_Lindeman Value: 297
Australia/Lord_Howe	<ul style="list-style-type: none"> Name: Australia_Lord_Howe Value: 298
Australia/Melbourne	<ul style="list-style-type: none"> Name: Australia_Melbourne Value: 299
Australia/Perth	<ul style="list-style-type: none"> Name: Australia_Perth Value: 300
Australia/Sydney	<ul style="list-style-type: none"> Name: Australia_Sydney Value: 301
Brazil/Acre	<ul style="list-style-type: none"> Name: Brazil_Acre Value: 302
Brazil/DeNoronha	<ul style="list-style-type: none"> Name: Brazil_DeNoronha Value: 303
Brazil/East	<ul style="list-style-type: none"> Name: Brazil_East Value: 304
Brazil/West	<ul style="list-style-type: none"> Name: Brazil_West Value: 305
Europe/Amsterdam	<ul style="list-style-type: none"> Name: Europe_Amsterdam Value: 306

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Name	Value
Europe/Andorra	<ul style="list-style-type: none"> Name: Europe_Andorra Value: 307
Europe/Athens	<ul style="list-style-type: none"> Name: Europe_Athens Value: 308
Europe/Belgrade	<ul style="list-style-type: none"> Name: Europe_Belgrade Value: 309
Europe/Berlin	<ul style="list-style-type: none"> Name: Europe_Berlin Value: 310
Europe/Bratislava	<ul style="list-style-type: none"> Name: Europe_Bratislava Value: 311
Europe/Brussels	<ul style="list-style-type: none"> Name: Europe_Brussels Value: 312
Europe/Bucharest	<ul style="list-style-type: none"> Name: Europe_Bucharest Value: 313
Europe/Budapest	<ul style="list-style-type: none"> Name: Europe_Budapest Value: 314
Europe/Chisinau	<ul style="list-style-type: none"> Name: Europe_Chisinau Value: 315
Europe/Copenhagen	<ul style="list-style-type: none"> Name: Europe_Copenhagen Value: 316
Europe/Dublin	<ul style="list-style-type: none"> Name: Europe_Dublin Value: 317
Europe/Gibraltar	<ul style="list-style-type: none"> Name: Europe_Gibraltar Value: 318
Europe/Guernsey	<ul style="list-style-type: none"> Name: Europe_Guernsey Value: 319
Europe/Helsinki	<ul style="list-style-type: none"> Name: Europe_Helsinki Value: 320
Europe/Isle_of_Man	<ul style="list-style-type: none"> Name: Europe_Isle_of_Man Value: 321
Europe/Istanbul	<ul style="list-style-type: none"> Name: Europe_Istanbul Value: 322
Europe/Jersey	<ul style="list-style-type: none"> Name: Europe_Jersey Value: 323
Europe/Kaliningrad	<ul style="list-style-type: none"> Name: Europe_Kaliningrad Value: 324
Europe/Kiev	<ul style="list-style-type: none"> Name: Europe_Kiev Value: 325
Europe/Lisbon	<ul style="list-style-type: none"> Name: Europe_Lisbon Value: 326
Europe/Ljubljana	<ul style="list-style-type: none"> Name: Europe_Ljubljana Value: 327
Europe/London	<ul style="list-style-type: none"> Name: Europe_London Value: 328

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Name	Value
Europe/Luxembourg	<ul style="list-style-type: none"> Name: Europe_Luxembourg Value: 329
Europe/Madrid	<ul style="list-style-type: none"> Name: Europe_Madrid Value: 330
Europe/Malta	<ul style="list-style-type: none"> Name: Europe_Malta Value: 331
Europe/Mariehamn	<ul style="list-style-type: none"> Name: Europe_Mariehamn Value: 332
Europe/Minsk	<ul style="list-style-type: none"> Name: Europe_Minsk Value: 333
Europe/Monaco	<ul style="list-style-type: none"> Name: Europe_Monaco Value: 334
Europe/Moscow	<ul style="list-style-type: none"> Name: Europe_Moscow Value: 335
Europe/Oslo	<ul style="list-style-type: none"> Name: Europe_Oslo Value: 336
Europe/Paris	<ul style="list-style-type: none"> Name: Europe_Paris Value: 337
Europe/Podgorica	<ul style="list-style-type: none"> Name: Europe_Podgorica Value: 338
Europe/Prague	<ul style="list-style-type: none"> Name: Europe_Prague Value: 339
Europe/Riga	<ul style="list-style-type: none"> Name: Europe_Riga Value: 340
Europe/Rome	<ul style="list-style-type: none"> Name: Europe_Rome Value: 341
Europe/Samara	<ul style="list-style-type: none"> Name: Europe_Samara Value: 342
Europe/San_Marino	<ul style="list-style-type: none"> Name: Europe_San_Marino Value: 343
Europe/Sarajevo	<ul style="list-style-type: none"> Name: Europe_Sarajevo Value: 344
Europe/Simferopol	<ul style="list-style-type: none"> Name: Europe_Simferopol Value: 345
Europe/Skopje	<ul style="list-style-type: none"> Name: Europe_Skopje Value: 346
Europe/Sofia	<ul style="list-style-type: none"> Name: Europe_Sofia Value: 347
Europe/Stockholm	<ul style="list-style-type: none"> Name: Europe_Stockholm Value: 348
Europe/Tallinn	<ul style="list-style-type: none"> Name: Europe_Tallinn Value: 349
Europe/Tirane	<ul style="list-style-type: none"> Name: Europe_Tirane Value: 350

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Name	Value
Europe/Uzhgorod	<ul style="list-style-type: none"> Name: Europe_Uzhgorod Value: 351
Europe/Vaduz	<ul style="list-style-type: none"> Name: Europe_Vaduz Value: 352
Europe/Vatican	<ul style="list-style-type: none"> Name: Europe_Vatican Value: 353
Europe/Vienna	<ul style="list-style-type: none"> Name: Europe_Vienna Value: 354
Europe/Vilnius	<ul style="list-style-type: none"> Name: Europe_Vilnius Value: 355
Europe/Volgograd	<ul style="list-style-type: none"> Name: Europe_Volgograd Value: 356
Europe/Warsaw	<ul style="list-style-type: none"> Name: Europe_Warsaw Value: 357
Europe/Zagreb	<ul style="list-style-type: none"> Name: Europe_Zagreb Value: 358
Europe/Zaporozhye	<ul style="list-style-type: none"> Name: Europe_Zaporozhye Value: 359
Europe/Zurich	<ul style="list-style-type: none"> Name: Europe_Zurich Value: 360
Indian/Antananarivo	<ul style="list-style-type: none"> Name: Indian_Antananarivo Value: 361
Indian/Chagos	<ul style="list-style-type: none"> Name: Indian_Chagos Value: 362
Indian/Christmas	<ul style="list-style-type: none"> Name: Indian_Christmas Value: 363
Indian/Cocos	<ul style="list-style-type: none"> Name: Indian_Cocos Value: 364
Indian/Comoro	<ul style="list-style-type: none"> Name: Indian_Comoro Value: 365
Indian/Kerguelen	<ul style="list-style-type: none"> Name: Indian_Kerguelen Value: 366
Indian/Mahe	<ul style="list-style-type: none"> Name: Indian_Mahe Value: 367
Indian/Maldives	<ul style="list-style-type: none"> Name: Indian_Maldives Value: 368
Indian/Mauritius	<ul style="list-style-type: none"> Name: Indian_Mauritius Value: 369
Indian/Mayotte	<ul style="list-style-type: none"> Name: Indian_Mayotte Value: 370
Indian/Reunion	<ul style="list-style-type: none"> Name: Indian_Reunion Value: 371
Pacific/Apia	<ul style="list-style-type: none"> Name: Pacific_Apia Value: 372

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Name	Value
Pacific/Auckland	<ul style="list-style-type: none"> Name: Pacific_Auckland Value: 373
Pacific/Chatham	<ul style="list-style-type: none"> Name: Pacific_Chatham Value: 374
Pacific/Easter	<ul style="list-style-type: none"> Name: Pacific_Easter Value: 375
Pacific/Efate	<ul style="list-style-type: none"> Name: Pacific_Efate Value: 376
Pacific/Enderbury	<ul style="list-style-type: none"> Name: Pacific_Enderbury Value: 377
Pacific/Fakaofu	<ul style="list-style-type: none"> Name: Pacific_Fakaofu Value: 378
Pacific/Fiji	<ul style="list-style-type: none"> Name: Pacific_Fiji Value: 379
Pacific/Funafuti	<ul style="list-style-type: none"> Name: Pacific_Funafuti Value: 380
Pacific/Galapagos	<ul style="list-style-type: none"> Name: Pacific_Galapagos Value: 381
Pacific/Gambier	<ul style="list-style-type: none"> Name: Pacific_Gambier Value: 382
Pacific/Guadalcanal	<ul style="list-style-type: none"> Name: Pacific_Guadalcanal Value: 383
Pacific/Guam	<ul style="list-style-type: none"> Name: Pacific_Guam Value: 384
Pacific/Honolulu	<ul style="list-style-type: none"> Name: Pacific_Honolulu Value: 385
Pacific/Johnston	<ul style="list-style-type: none"> Name: Pacific_Johnston Value: 386
Pacific/Kiritimati	<ul style="list-style-type: none"> Name: Pacific_Kiritimati Value: 387
Pacific/Kosrae	<ul style="list-style-type: none"> Name: Pacific_Kosrae Value: 388
Pacific/Kwajalein	<ul style="list-style-type: none"> Name: Pacific_Kwajalein Value: 389
Pacific/Majuro	<ul style="list-style-type: none"> Name: Pacific_Majuro Value: 390
Pacific/Marquesas	<ul style="list-style-type: none"> Name: Pacific_Marquesas Value: 391
Pacific/Midway	<ul style="list-style-type: none"> Name: Pacific_Midway Value: 392
Pacific/Nauru	<ul style="list-style-type: none"> Name: Pacific_Nauru Value: 393
Pacific/Niue	<ul style="list-style-type: none"> Name: Pacific_Niue Value: 394

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Name	Value
Pacific/Norfolk	<ul style="list-style-type: none"> Name: Pacific_Norfolk Value: 395
Pacific/Noumea	<ul style="list-style-type: none"> Name: Pacific_Noumea Value: 396
Pacific/Pago_Pago	<ul style="list-style-type: none"> Name: Pacific_Pago_Pago Value: 397
Pacific/Palau	<ul style="list-style-type: none"> Name: Pacific_Palau Value: 398
Pacific/Pitcairn	<ul style="list-style-type: none"> Name: Pacific_Pitcairn Value: 399
Pacific/Ponape	<ul style="list-style-type: none"> Name: Pacific_Ponape Value: 400
Pacific/Port_Moresby	<ul style="list-style-type: none"> Name: Pacific_Port_Moresby Value: 401
Pacific/Rarotonga	<ul style="list-style-type: none"> Name: Pacific_Rarotonga Value: 402
Pacific/Saipan	<ul style="list-style-type: none"> Name: Pacific_Saipan Value: 403
Pacific/Tahiti	<ul style="list-style-type: none"> Name: Pacific_Tahiti Value: 404
Pacific/Tarawa	<ul style="list-style-type: none"> Name: Pacific_Tarawa Value: 405
Pacific/Tongatapu	<ul style="list-style-type: none"> Name: Pacific_Tongatapu Value: 406
Pacific/Truk	<ul style="list-style-type: none"> Name: Pacific_Truk Value: 407
Pacific/Wake	<ul style="list-style-type: none"> Name: Pacific_Wake Value: 408
Pacific/Wallis	<ul style="list-style-type: none"> Name: Pacific_Wallis Value: 409

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Table 408-37 TIMERNAME

Name	Value
CSoPSBearerDel	<ul style="list-style-type: none"> Name: CSoPSBearerDel Value: 23 Description: Used in an EUTRAN to GERAN CS Handover procedure to time for the release of UE resources
Del Bearer at src SGW	<ul style="list-style-type: none"> Name: Del_Bearer_at_src_SGW Value: 36 Description: This timer starts when the MME receives a Create Session Response from the target SGW, and the UE bearers are removed at the source SGW when the timer expires. A value of 0 indicates that the UE bearers at the source SGW are deleted once the bearers are set up at the target SGW.

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Name	Value
DNS Application Timer	<ul style="list-style-type: none"> • Name: DNS_Application_Timer • Value: 40 • Description: When a DNS query is made, a request is sent to the DNS resolver. The resolver either finds the result in a local cache, or makes a request of a local DNS server. When this occurs, the resolver starts a two-second timer for getting a result. It either returns the result, or no result is returned if the two-second timer expires. This timer allows for changing the 2 second default for proceeding with call processing.
Emergency Mobile Reachable	<ul style="list-style-type: none"> • Name: Emergency_Mobile_Reachable • Value: 44 • Description: Emergency Mobile Reachable Timer.
HandoverRequest	<ul style="list-style-type: none"> • Name: HandoverRequest • Value: 17 • Description: When the MME sends a Handover Request message to the eNB, it expects to receive an acknowledgment response message from the eNB. If the timer expires while waiting for this response, the MME considers that this class 1 procedure failed.
HO2G3GDeletion	<ul style="list-style-type: none"> • Name: HO2G3GDeletion • Value: 21 • Description: Used to handle the deletion of the UE bearers during a handover to a UTRAN or GERAN network. The timer is started when the MME receives the SGSN Context Request message from the new SGSN. When the timer expires, the MME deletes the UE bearers.
InitContextSetup	<ul style="list-style-type: none"> • Name: InitContextSetup • Value: 11 • Description: When the MME sends a message to the eNB for an Initial Context Setup Request, it expects to receive a response message from the eNB (Initial Context Setup Response or Initial Context Setup Failure). If the timer expires while waiting for this response, the MME considers that this class 1 procedure failed.
Map M	<ul style="list-style-type: none"> • Name: Map_M • Value: 43 • Description: Defines the Map M (medium) protocol when interfacing to an HLR.
MBMS Response from MCE	<ul style="list-style-type: none"> • Name: MBMS_Response_from_MCE • Value: 49 • Description: MBMS Response from MCE
MBReachable	<ul style="list-style-type: none"> • Name: MBReachable • Value: 10 • Description: Minutes beyond T3412 for taking actions when a UE does not send TAU. Timer starts when entering an idle state. Timer stops when a NAS message is received.
Min Time to MBMS Data Transfer	<ul style="list-style-type: none"> • Name: Min_Time_to_MBMS_Data_Transfer • Value: 50 • Description: Min Time to MBMS Data Transfer
MMECnfgUpdate	<ul style="list-style-type: none"> • Name: MMECnfgUpdate • Value: 19 • Description: When the MME sends a configuration update message to the eNB, it expects to receive an update acknowledgment response message from the eNB. If the timer expires while waiting for this response, the MME considers that this class 1 procedure failed.

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Name	Value
MMEInitDetach	<ul style="list-style-type: none"> Name: MMEInitDetach Value: 20 Description: Timer started after T3412 and Mobile Reachable begin. The UE is placed into ECM-IDLE by the MME when the MME-initiated-Detach timer is started. Timer starts when 'Mobile Reachable' timer expires. Timer stops when a NAS message is received.
Paging Gap Timer	<ul style="list-style-type: none"> Name: Paging_Gap_Timer Value: 41 Description: Reserved for future use.
Purge Timer	<ul style="list-style-type: none"> Name: Purge_Timer Value: 37 Description: This timer starts after the MME-initiated Detach Timer fires. If this time fires before the UE contacts the MME again, the UE VLR data is purged.
Receive Notification Return from UE	<ul style="list-style-type: none"> Name: Receive_Notification_Return_from_UE Value: 48 Description: Receive Notification Return from UE.
S1 HO Complete	<ul style="list-style-type: none"> Name: S1_HO_Complete Value: 34 Description: Used to time the receipt of either a Handover Notify message from the target eNB or a Forward Relocation Complete message from the target MME in the case of MME relocation. The handover is not successful if either of these messages is not received before the expiration of the timer.
S1 HO Resource Release	<ul style="list-style-type: none"> Name: S1_HO_Resource_Release Value: 35 Description: During a relocation request (SGW only or MME and SGW), the timer starts upon receipt of a Forward Relocation Complete Acknowledge. If the release does not occur before the timer expires, the target MME sends a Delete Indirect Data Forwarding message to the target SGW to delete it if the target MME has setup indirect forward paths on the target SGW. The source MME deletes any bearers on the source SGW (with SGW relocation) and deletes the tunnel by sending a Delete Indirect Data Forwarding message if the source MME has setup indirect forward paths on the source SGW. The source MME also releases S1 UE connections with the source eNB.
S10 Rm UE Data At Src MME	<ul style="list-style-type: none"> Name: S10_Rm_UE_Data_At_Src_MME Value: 33 Description: Used in S10 interactions to remove UE data at the source MME after a handover with MME relocation.
S1Reset	<ul style="list-style-type: none"> Name: S1Reset Value: 18 Description: When the MME sends a S1 Reset message to the eNB, it expects to receive a reset acknowledgment response message from the eNB. If the timer expires while waiting for this response, the MME considers that this class 1 procedure failed.
S3 Gn HO Complete	<ul style="list-style-type: none"> Name: S3_Gn_HO_Complete Value: 38 Description: Supports Inter-RAT handover procedures.
S3Gn Indirect Forwarding	<ul style="list-style-type: none"> Name: S3Gn_Indirect_Forwarding Value: 32 Description: Used to time for resource release for indirect forwarding of UE data. When the timer expires, the MME releases the resources that have been allocated for indirect forwarding.

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Name	Value
SAEBearerMobility	<ul style="list-style-type: none"> Name: SAEBearerMobility Value: 14 Description: When the MME sends a message to the eNB related to a bearer request, it expects to receive a response. If the timer expires while waiting for this response, the MME considers that this class 1 procedure failed.
SAEBearerRelease	<ul style="list-style-type: none"> Name: SAEBearerRelease Value: 13 Description: When the MME sends a message to the eNB related to a bearer request, it expects to receive a response. If the timer expires while waiting for this response, the MME considers that this class 1 procedure failed.
SAEBearerSetup	<ul style="list-style-type: none"> Name: SAEBearerSetup Value: 12 Description: When the MME sends a message to the eNB related to a bearer request, it expects to receive a response. If the timer expires while waiting for this response, the MME considers that this class 1 procedure failed.
SGs Paging	<ul style="list-style-type: none"> Name: SGs_Paging Value: 42 Description: Defines the value for receiving responses to a SG paging request. This timer should be set slightly lower than the paging timer value provisioned in the MSC/VLR.
SRNS Completion	<ul style="list-style-type: none"> Name: SRNS_Completion Value: 31 Description: Used to time for receipt of an SRNS completion message from the target SGSN.
SuspendReq	<ul style="list-style-type: none"> Name: SuspendReq Value: 22 Description: Used in an EUTRAN to GERAN CS Handover procedure to time for the receipt of the Suspend Request message from the SGSN in the network to which the UE has moved.
T3402	<ul style="list-style-type: none"> Name: T3402 Value: 0 Description: Part of UE Attach Accept message. Used by UE to initiate the next Attach or TAU procedure in case of a failure of a previous attach or TAU procedure.
T3412	<ul style="list-style-type: none"> Name: T3412 Value: 1 Description: Part of UE Attach Accept message. Used by the UE for periodic TAU. The MME starts this timer when the UE state is changed to the ECM-IDLE state.
T3422	<ul style="list-style-type: none"> Name: T3422 Value: 2 Description: Retransmit Detach Request.
T3450	<ul style="list-style-type: none"> Name: T3450 Value: 3 Description: Retransmit Attach Accept, TAU Accept, or GUTI Reallocation Command. Timer starts if an attach request is accepted by the network and the MME sends an ATTACH ACCEPT message to the UE. Timer stops after receiving an ATTACH COMPLETE message and considers the GUTI sent in the ATTACH ACCEPT message as valid.

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Name	Value
T3460	<ul style="list-style-type: none"> Name: T3460 Value: 4 Description: Retransmit Auth Request, or Security Mode Command. Timer starts when a Security Mode Command is sent. Normal stop occurs when security mode Complete or Security Mode Reject is received
T3470	<ul style="list-style-type: none"> Name: T3470 Value: 5 Description: Retransmit Identity Command. Timer starts when IDENTITY REQUEST is received. Timer stops when IDENTITY REQUEST is received.
T3485	<ul style="list-style-type: none"> Name: T3485 Value: 6 Description: Retransmit Activate Default Bearer Request, or Activate Dedicated Bearer Request. Timer starts when an ACTIVATE DEFAULT/ DEDICATED EPS BEARER CONTEXT REQUEST is sent. Timer stops when ACTIVATE DEFAULT EPS BEARER CONTEXT ACCEPT/REJECT or ACTIVATE DEDICATED EPS BEARER CONTEXT ACCEPT/REJECT is received.
T3486	<ul style="list-style-type: none"> Name: T3486 Value: 7 Description: Retransmit Modify Bearer Request.
T3489	<ul style="list-style-type: none"> Name: T3489 Value: 8 Description: Timeout before retransmission of ESM Information Request.
T3495	<ul style="list-style-type: none"> Name: T3495 Value: 9 Description: Retransmit Deactivate Bearer Request. Timer starts when DEACTIVATE EPS BEARER CONTEXT REQUEST is sent. Timer stops when DEACTIVATE EPS BEARER CONTEXT ACCEPT is received.
T3X01	<ul style="list-style-type: none"> Name: T3X01 Value: 45 Description: Timer to receive Location Response from the E-SMLC via SLs. (timer to transition from Location State to LCS-IDLE state for a UE)
T3X02	<ul style="list-style-type: none"> Name: T3X02 Value: 46 Description: Timer to receive Reset Ack after sending Reset to the E-SMLC (SLs).
TAU After HO	<ul style="list-style-type: none"> Name: TAU_After_HO Value: 39 Description: This timer indicates to the MME the time to wait to receive a TAU Request from the UE after any of the following handovers occur from: 1. LTE S1 2. UTRAN 3. GERAN If the timer expires before the TAU Request is received, the MME detaches the UE. Caution! This value should only be set to '0' for troubleshooting purposes, but it is not recommended by Alcatel-Lucent for service operation. If this value is set to '0', the MME does not start the timer, does not Detach the UE, and does not start a new AKA as part of the handover procedure. This can generate security vulnerabilities in the EPS that a UE can exploit.
TdynMO	<ul style="list-style-type: none"> Name: TdynMO Value: 24 Description: Indicates the interval to wait for an interface to return an operational state, before deleting the interface.

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Name	Value
TS10	<ul style="list-style-type: none"> Name: TS10 Value: 28 Description: Guards Implicit IMSI detach from non-EPS Services procedure.
TS12-1	<ul style="list-style-type: none"> Name: TS12_1 Value: 29 Description: Controls the resetting of the "MME-Reset" variable.
TS12-2	<ul style="list-style-type: none"> Name: TS12_2 Value: 30 Description: Guards the MME Reset procedure. There is one Ts12-2 timer per MME SGs association with a VLR.
TS6-1	<ul style="list-style-type: none"> Name: TS6_1 Value: 25 Description: Guards the Location Update procedure.
TS8	<ul style="list-style-type: none"> Name: TS8 Value: 26 Description: Guards Explicit IMSI detach from the EPS Services procedure.
TS9	<ul style="list-style-type: none"> Name: TS9 Value: 27 Description: Guards Explicit IMSI detach from non-EPS Services procedure.
TSLR Ack from GMLC	<ul style="list-style-type: none"> Name: TSLR_Ack_from_GMLC Value: 47 Description: TSLR Ack from GMLC.
UEContextModify	<ul style="list-style-type: none"> Name: UEContextModify Value: 16 Description: When the MME sends a context modification message to the eNB, it expects to receive a modification response message from the eNB. If the timer expires while waiting for this response, the MME considers that this class 1 procedure failed.
UEContextRelease	<ul style="list-style-type: none"> Name: UEContextRelease Value: 15 Description: When the MME sends a context release message to the eNB, it expects to receive a release complete response message from the eNB. If the timer expires while waiting for this response, the MME considers that this class 1 procedure failed.
Warning Message	<ul style="list-style-type: none"> Name: Warning_Message Value: 51 Description: Warning Message

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Table 408-38 TIMERUNIT

Name	Value
2Second	<ul style="list-style-type: none"> Name: 2Second Value: 2
DeciHour	<ul style="list-style-type: none"> Name: DeciHour Value: 5

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Name	Value
Hour	<ul style="list-style-type: none">• Name: Hour• Value: 4
Millisecond	<ul style="list-style-type: none">• Name: Millisecond• Value: 0
Minute	<ul style="list-style-type: none">• Name: Minute• Value: 3
Second	<ul style="list-style-type: none">• Name: Second• Value: 1

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Table 408-39 TRAFFICCLASS

Name	Value
Background	<ul style="list-style-type: none">• Name: Background• Value: 3
Conversational	<ul style="list-style-type: none">• Name: Conversational• Value: 0
Interactive	<ul style="list-style-type: none">• Name: Interactive• Value: 2
Streaming	<ul style="list-style-type: none">• Name: Streaming• Value: 1

Table 408-40 VERTICALREQUESTED

Name	Value
Not Requested	<ul style="list-style-type: none">• Name: Not_Requested• Value: 0
Requested	<ul style="list-style-type: none">• Name: Requested• Value: 1

Table 408-41 ZONE_CODE_TYPE

Name	Value
All TAI	<ul style="list-style-type: none">• Name: All_TAI• Value: 2
Limited TAI	<ul style="list-style-type: none">• Name: Limited_TAI• Value: 1
None TAI	<ul style="list-style-type: none">• Name: None_TAI• Value: 0

409 –LTERADIUS types

Table 409-1 Iteradiustypes parameters

Parameters	
AdministrativeState	RadiusServerType

Table 409-2 AdministrativeState

Name	Value
In service	<ul style="list-style-type: none">Name: inServiceValue: 2
Out of service	<ul style="list-style-type: none">Name: outOfServiceValue: 3
Undetermined	<ul style="list-style-type: none">Name: noopselectable: noValue: 1

Table 409-3 RadiusServerType

Name	Value
Accounting Only	<ul style="list-style-type: none">Name: acctValue: 2
Authentication Only	<ul style="list-style-type: none">Name: authValue: 1

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Name	Value
Both Authentication and Accounting	<ul style="list-style-type: none">• Name: both• Value: 3
None	<ul style="list-style-type: none">• Name: none• Value: 0

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410 –LTEthreshold types

Table 410-1 ltethresholdtypes parameters

Parameters	
ThresholdCounterTypes	ThresholdGroupTypes

Table 410-2 ThresholdCounterTypes

Name	Value
Asp Fail	<ul style="list-style-type: none">Name: brTrafficAspFailValue: 21
Attach procedure failures	<ul style="list-style-type: none">Name: brMgmtCffAttachValue: 13
Br Bdv Err	<ul style="list-style-type: none">Name: brTrafficBrBdvErrValue: 22
Dedicated bearer setup failures	<ul style="list-style-type: none">Name: brMgmtCffDedBrValue: 14
Handover failures	<ul style="list-style-type: none">Name: brMgmtCffHandOverValue: 16Description: PGW: Handover failures (Inter SGW) SGW: Handover failures ((Inter MME S1+X2)+ Intra and Inter SGW)
Idle user Paging failures	<ul style="list-style-type: none">Name: brMgmtCffPagingValue: 15
MG ISM CPU	<ul style="list-style-type: none">Name: mgIsMcpuValue: 36

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Name	Value
MG ISM Downlink	<ul style="list-style-type: none"> Name: mgIsMDownlink Value: 39
MG ISM Memory	<ul style="list-style-type: none"> Name: mgIsMMem Value: 37
MG ISM Uplink	<ul style="list-style-type: none"> Name: mgIsMUplink Value: 38
Number of Active Bearers	<ul style="list-style-type: none"> Name: brMgmtLimitActBrs Value: 5
Number of Attaches (call setups)	<ul style="list-style-type: none"> Name: brMgmtCfsAttach Value: 7
Number of Bearers	<ul style="list-style-type: none"> Name: brMgmtLimitBrs Value: 2
Number of Dedicated bearer setups	<ul style="list-style-type: none"> Name: brMgmtCfsDedBr Value: 8
Number of Dedicated bearers	<ul style="list-style-type: none"> Name: brMgmtLimitDedBrs Value: 4
Number of Default bearers	<ul style="list-style-type: none"> Name: brMgmtLimitDefBrs Value: 3
Number of Failures due to System Resources not available	<ul style="list-style-type: none"> Name: brMgmtCffSvrUnavl Value: 18
Number of Gx failures	<ul style="list-style-type: none"> Name: pathMgmtGxFail Value: 34
Number of Inter SGW Idle Relocation	<ul style="list-style-type: none"> Name: brMgmtCfsIdleReloc Value: 12
Number of Inter SGW Relocation (S1+X2)	<ul style="list-style-type: none"> Name: brMgmtCfsInterReloc Value: 11
Number of Intra SGW Relocation (S1+X2)	<ul style="list-style-type: none"> Name: brMgmtCfsIntraReloc Value: 10
Number of Rf failures	<ul style="list-style-type: none"> Name: pathMgmtRfFail Value: 35
Number of Rf Peer failures	<ul style="list-style-type: none"> Name: pathMgmtRfPeerFail Value: 29
Number of S11 Peers	<ul style="list-style-type: none"> Name: pathMgmtS11MME Value: 31
Number of S1u Peers	<ul style="list-style-type: none"> Name: pathMgmtS1UENB Value: 30
Number of S5 Peers	<ul style="list-style-type: none"> Name: pathMgmtS5Peer Value: 32
Number of S8 Peers	<ul style="list-style-type: none"> Name: pathMgmtS8Peer Value: 33
Number of Service Request setups	<ul style="list-style-type: none"> Name: brMgmtCfsSvrReq Value: 9
Number of UEs Paged	<ul style="list-style-type: none"> Name: brMgmtLimitUePaged Value: 6

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Name	Value
Number of UEs	<ul style="list-style-type: none"> Name: brMgmtLimitUEs Value: 1
Service Request failures	<ul style="list-style-type: none"> Name: brMgmtCffSvrReq Value: 17
Throughput DL bytes	<ul style="list-style-type: none"> Name: brTrafficThrouputDL Value: 20
Throughput UL bytes	<ul style="list-style-type: none"> Name: brTrafficThrouputUL Value: 19
Total S11 Peer not responding to requests	<ul style="list-style-type: none"> Name: pathMgmtS11NoResp Value: 28
Total S11 Peer path-mgmt failures	<ul style="list-style-type: none"> Name: pathMgmtS11PrPath Value: 26
Total S11 Peer restarts	<ul style="list-style-type: none"> Name: pathMgmtS11PrRstt Value: 27
Total S5 Peer not responding to requests	<ul style="list-style-type: none"> Name: pathMgmtS5NoResp Value: 25
Total S5 Peer path-mgmt failures	<ul style="list-style-type: none"> Name: pathMgmtS5Fail Value: 23
Total S5 Peer restarts	<ul style="list-style-type: none"> Name: pathMgmtS5Restart Value: 24

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Table 410-3 ThresholdGroupTypes

Name	Value
Bearer Mgmt Cf Failures	<ul style="list-style-type: none"> Name: brMgmtCfFailure Value: 3
Bearer Mgmt Cf Success	<ul style="list-style-type: none"> Name: brMgmtCfSuccess Value: 2
Bearer Mgmt Limits	<ul style="list-style-type: none"> Name: brMgmtLimit Value: 1
Bearer Traffic	<ul style="list-style-type: none"> Name: brMgmtTraffic Value: 4
CPM System	<ul style="list-style-type: none"> Name: cpmSystem selectable: no Value: 6
Path Mgmt	<ul style="list-style-type: none"> Name: pathMgmt Value: 5
System MG ISM	<ul style="list-style-type: none"> Name: mglsSystem Value: 7

411 –LTEuserstats types

Table 411-1 lteuserstatstypes parameters

Parameters	
FilterProtocolEnum QueryStateEnum SdfFilterDirectionEnum	UeRatEnum UeStateEnum

Table 411-2 FilterProtocolEnum

Name	Value
activeNet	<ul style="list-style-type: none">Name: activeNetValue: 107
ah	<ul style="list-style-type: none">Name: ahValue: 51
any0hop	<ul style="list-style-type: none">Name: any0hopValue: 114
any	<ul style="list-style-type: none">Name: anyValue: -1
anyDFS	<ul style="list-style-type: none">Name: anyDFSValue: 68
anyHostIntl	<ul style="list-style-type: none">Name: anyHostIntlValue: 61
anyLocalNet	<ul style="list-style-type: none">Name: anyLocalNetValue: 63

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Name	Value
anyPEC	<ul style="list-style-type: none">• Name: anyPEC• Value: 99
argus	<ul style="list-style-type: none">• Name: argus• Value: 13
aris	<ul style="list-style-type: none">• Name: aris• Value: 104
ax25	<ul style="list-style-type: none">• Name: ax25• Value: 93
bbnRccMon	<ul style="list-style-type: none">• Name: bbnRccMon• Value: 10
bna	<ul style="list-style-type: none">• Name: bna• Value: 49
brSatMon	<ul style="list-style-type: none">• Name: brSatMon• Value: 76
cbt	<ul style="list-style-type: none">• Name: cbt• Value: 7
cftp	<ul style="list-style-type: none">• Name: cftp• Value: 62
chaos	<ul style="list-style-type: none">• Name: chaos• Value: 16
compaqPeer	<ul style="list-style-type: none">• Name: compaqPeer• Value: 110
cphb	<ul style="list-style-type: none">• Name: cphb• Value: 73
cpnx	<ul style="list-style-type: none">• Name: cpnx• Value: 72
crtip	<ul style="list-style-type: none">• Name: crtup• Value: 126
crudp	<ul style="list-style-type: none">• Name: crudp• Value: 127
dccp	<ul style="list-style-type: none">• Name: dccp• Value: 33
dcnMeas	<ul style="list-style-type: none">• Name: dcnMeas• Value: 19
ddp	<ul style="list-style-type: none">• Name: ddp• Value: 37
ddx	<ul style="list-style-type: none">• Name: ddx• Value: 116
dgp	<ul style="list-style-type: none">• Name: dgp• Value: 86
dsr	<ul style="list-style-type: none">• Name: dsr• Value: 48
egp	<ul style="list-style-type: none">• Name: egp• Value: 8

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Name	Value
eiGrp	<ul style="list-style-type: none"> Name: eiGrp Value: 88
emcon	<ul style="list-style-type: none"> Name: emcon Value: 14
encap	<ul style="list-style-type: none"> Name: encap Value: 98
esp	<ul style="list-style-type: none"> Name: esp Value: 50
etherIp	<ul style="list-style-type: none"> Name: etherIp Value: 97
fc	<ul style="list-style-type: none"> Name: fc Value: 133
fire	<ul style="list-style-type: none"> Name: fire Value: 125
ggp	<ul style="list-style-type: none"> Name: ggp Value: 3
gmtp	<ul style="list-style-type: none"> Name: gmtp Value: 100
gre	<ul style="list-style-type: none"> Name: gre Value: 47
hip	<ul style="list-style-type: none"> Name: hip Value: 139
hmp	<ul style="list-style-type: none"> Name: hmp Value: 20
iatp	<ul style="list-style-type: none"> Name: iatp Value: 117
icmp	<ul style="list-style-type: none"> Name: icmp Value: 1
idpr	<ul style="list-style-type: none"> Name: idpr Value: 35
idprCmtp	<ul style="list-style-type: none"> Name: idprCmtp Value: 38
idrp	<ul style="list-style-type: none"> Name: idrp Value: 45
ifmp	<ul style="list-style-type: none"> Name: ifmp Value: 101
igmp	<ul style="list-style-type: none"> Name: igmp Value: 2
igp	<ul style="list-style-type: none"> Name: igp Value: 9
il	<ul style="list-style-type: none"> Name: il Value: 40
iNlsp	<ul style="list-style-type: none"> Name: iNlsp Value: 52

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Name	Value
ip	<ul style="list-style-type: none">• Name: ip• Value: 4
ipComp	<ul style="list-style-type: none">• Name: ipComp• Value: 108
ipcv	<ul style="list-style-type: none">• Name: ipcv• Value: 71
ipip	<ul style="list-style-type: none">• Name: ipip• Value: 94
iplt	<ul style="list-style-type: none">• Name: iplt• Value: 129
ippc	<ul style="list-style-type: none">• Name: ippc• Value: 67
ipv6	<ul style="list-style-type: none">• Name: ipv6• Value: 41
ipv6Frag	<ul style="list-style-type: none">• Name: ipv6Frag• Value: 44
ipv6HopByOpOpt	<ul style="list-style-type: none">• Name: ipv6HopByOpOpt• Value: 0
ipv6Icmp	<ul style="list-style-type: none">• Name: ipv6Icmp• Value: 58
ipv6NoNxt	<ul style="list-style-type: none">• Name: ipv6NoNxt• Value: 59
ipv6Opts	<ul style="list-style-type: none">• Name: ipv6Opts• Value: 60
ipv6Route	<ul style="list-style-type: none">• Name: ipv6Route• Value: 43
ipxInIp	<ul style="list-style-type: none">• Name: ipxInIp• Value: 111
irdp	<ul style="list-style-type: none">• Name: irdp• Value: 28
isis	<ul style="list-style-type: none">• Name: isis• Value: 124
isolp	<ul style="list-style-type: none">• Name: isolp• Value: 80
isoTp4	<ul style="list-style-type: none">• Name: isoTp4• Value: 29
kryptolan	<ul style="list-style-type: none">• Name: kryptolan• Value: 65
l2tp	<ul style="list-style-type: none">• Name: l2tp• Value: 115
larp	<ul style="list-style-type: none">• Name: larp• Value: 91
leaf1	<ul style="list-style-type: none">• Name: leaf1• Value: 25

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Name	Value
leaf2	<ul style="list-style-type: none"> Name: leaf2 Value: 26
manet	<ul style="list-style-type: none"> Name: manet Value: 138
meritInp	<ul style="list-style-type: none"> Name: meritInp Value: 32
mfeNsp	<ul style="list-style-type: none"> Name: mfeNsp Value: 31
micp	<ul style="list-style-type: none"> Name: micp Value: 95
mobHeader	<ul style="list-style-type: none"> Name: mobHeader Value: 135
mobile	<ul style="list-style-type: none"> Name: mobile Value: 55
mplsInp	<ul style="list-style-type: none"> Name: mplsInp Value: 137
mtp	<ul style="list-style-type: none"> Name: mtp Value: 92
mux	<ul style="list-style-type: none"> Name: mux Value: 18
narp	<ul style="list-style-type: none"> Name: narp Value: 54
netblt	<ul style="list-style-type: none"> Name: netblt Value: 30
nsfnetlgp	<ul style="list-style-type: none"> Name: nsfnetlgp Value: 85
nvp2	<ul style="list-style-type: none"> Name: nvp2 Value: 11
ospflgp	<ul style="list-style-type: none"> Name: ospflgp Value: 89
pc3	<ul style="list-style-type: none"> Name: pc3 Value: 34
pgm	<ul style="list-style-type: none"> Name: pgm Value: 113
pim	<ul style="list-style-type: none"> Name: pim Value: 103
pipe	<ul style="list-style-type: none"> Name: pipe Value: 131
pnni	<ul style="list-style-type: none"> Name: pnni Value: 102
prm	<ul style="list-style-type: none"> Name: prm Value: 21
ptp	<ul style="list-style-type: none"> Name: ptp Value: 123

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Name	Value
pup	<ul style="list-style-type: none">Name: pupValue: 12
pvp	<ul style="list-style-type: none">Name: pvpValue: 75
qnx	<ul style="list-style-type: none">Name: qnxValue: 106
rdp	<ul style="list-style-type: none">Name: rdpValue: 27
rsvp	<ul style="list-style-type: none">Name: rsvpValue: 46
rsvpE2elgnore	<ul style="list-style-type: none">Name: rsvpE2elgnoreValue: 134
rvd	<ul style="list-style-type: none">Name: rvdValue: 66
satExpak	<ul style="list-style-type: none">Name: satExpakValue: 64
satMon	<ul style="list-style-type: none">Name: satMonValue: 69
sccSp	<ul style="list-style-type: none">Name: sccSpValue: 96
scps	<ul style="list-style-type: none">Name: scpsValue: 105
sctp	<ul style="list-style-type: none">Name: sctpValue: 132
sdrp	<ul style="list-style-type: none">Name: sdrpValue: 42
secureVmpt	<ul style="list-style-type: none">Name: secureVmptValue: 82
shim6	<ul style="list-style-type: none">Name: shim6Value: 140
skip	<ul style="list-style-type: none">Name: skipValue: 57
sm	<ul style="list-style-type: none">Name: smValue: 122
smp	<ul style="list-style-type: none">Name: smpValue: 121
snp	<ul style="list-style-type: none">Name: snpValue: 109
spriteRpc	<ul style="list-style-type: none">Name: spriteRpcValue: 90
sps	<ul style="list-style-type: none">Name: spsValue: 130
srp	<ul style="list-style-type: none">Name: srpValue: 119

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Name	Value
sscompce	<ul style="list-style-type: none"> Name: sscompce Value: 128
st	<ul style="list-style-type: none"> Name: st Value: 5
stp	<ul style="list-style-type: none"> Name: stp Value: 118
sunNd	<ul style="list-style-type: none"> Name: sunNd Value: 77
swipe	<ul style="list-style-type: none"> Name: swipe Value: 53
tcf	<ul style="list-style-type: none"> Name: tcf Value: 87
tcp	<ul style="list-style-type: none"> Name: tcp Value: 6
tlsp	<ul style="list-style-type: none"> Name: tlsp Value: 56
tpplusplus	<ul style="list-style-type: none"> Name: tpplusplus Value: 39
trunk1	<ul style="list-style-type: none"> Name: trunk1 Value: 23
trunk2	<ul style="list-style-type: none"> Name: trunk2 Value: 24
ttp	<ul style="list-style-type: none"> Name: ttp Value: 84
udp	<ul style="list-style-type: none"> Name: udp Value: 17
udpLite	<ul style="list-style-type: none"> Name: udpLite Value: 136
undefined	<ul style="list-style-type: none"> Name: undefined Value: -2
uti	<ul style="list-style-type: none"> Name: uti Value: 120
vines	<ul style="list-style-type: none"> Name: vines Value: 83
visa	<ul style="list-style-type: none"> Name: visa Value: 70
vmtp	<ul style="list-style-type: none"> Name: vmtp Value: 81
vrrp	<ul style="list-style-type: none"> Name: vrrp Value: 112
wbExpak	<ul style="list-style-type: none"> Name: wbExpak Value: 79
wbMon	<ul style="list-style-type: none"> Name: wbMon Value: 78

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Name	Value
wsn	<ul style="list-style-type: none">Name: wsnValue: 74
xnet	<ul style="list-style-type: none">Name: xnetValue: 15
xnsldp	<ul style="list-style-type: none">Name: xnsldpValue: 22
xtp	<ul style="list-style-type: none">Name: xtpValue: 36

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Table 411-3 QueryStateEnum

Name	Value
Cancelled	<ul style="list-style-type: none">Name: cancelledValue: 3
IMSI found in all GWs	<ul style="list-style-type: none">Name: allresultsfoundValue: 5
IMSI Found in some GWs	<ul style="list-style-type: none">Name: partialresultsfoundValue: 6
IMSI Not Found	<ul style="list-style-type: none">Name: noresultsfoundValue: 7
Not Started	<ul style="list-style-type: none">Name: notstartedValue: 1
Pending	<ul style="list-style-type: none">Name: pendingValue: 2
Results found	<ul style="list-style-type: none">Name: resultsfoundValue: 4
Undefined	<ul style="list-style-type: none">Name: undefinedValue: 0

Table 411-4 SdfFilterDirectionEnum

Name	Value
biDir	<ul style="list-style-type: none">Name: biDirValue: 3
downLink	<ul style="list-style-type: none">Name: downLinkValue: 1
preRel7	<ul style="list-style-type: none">Name: preRel7Value: 0

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Name	Value
undefined	<ul style="list-style-type: none"> Name: undefined Value: -1
upLink	<ul style="list-style-type: none"> Name: upLink Value: 2

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Table 411-5 UeRatEnum

Name	Value
EUTRAN	<ul style="list-style-type: none"> Name: eutran Value: 6
gan	<ul style="list-style-type: none"> Name: gan Value: 4
GERAN	<ul style="list-style-type: none"> Name: geran Value: 2
hspa	<ul style="list-style-type: none"> Name: hspa Value: 5
undefined	<ul style="list-style-type: none"> Name: undefined Value: 0
UTRAN	<ul style="list-style-type: none"> Name: utran Value: 1
wlan	<ul style="list-style-type: none"> Name: wlan Value: 3

Table 411-6 UeStateEnum

Name	Value
Active	<ul style="list-style-type: none"> Name: active Value: 2
Idle	<ul style="list-style-type: none"> Name: idle Value: 1
Init	<ul style="list-style-type: none"> Name: init Value: 4
Paging	<ul style="list-style-type: none"> Name: paging Value: 3
undefined	<ul style="list-style-type: none"> Name: undefined Value: 0

412 –RANlicense types

Table 412-1 ranlicensetypes parameters

Parameters	
LicenseType	TechnologyType

Table 412-2 LicenseType

Name	Value
capacity	<ul style="list-style-type: none">Name: capacityLicenseTypeValue: 1
enumerated	<ul style="list-style-type: none">Name: featureEnumeratedLicenseTypeValue: 3
feature	<ul style="list-style-type: none">Name: featureLicenseTypeValue: 0
specific	<ul style="list-style-type: none">Name: specificLicenseTypeValue: 2

Table 412-3 TechnologyType

Name	Value
LTE	<ul style="list-style-type: none">• Name: lteTechnologyType• Value: 1
W-CDMA	<ul style="list-style-type: none">• Name: wcdmaTechnologyType• Value: 0

413 –RTR types

Table 413-1 InetAddressType

Name	Value
DNS	<ul style="list-style-type: none">• Name: dns• selectable: no• Value: 16
IPv4 Multicast	<ul style="list-style-type: none">• Name: ipv4Mcast• selectable: no• subclass: StaticRoute• Value: 128
IPv4	<ul style="list-style-type: none">• Name: ipv4• Value: 1
IPv4z	<ul style="list-style-type: none">• Name: ipv4z• selectable: no• Value: 3
IPv6 Multicast	<ul style="list-style-type: none">• Name: ipv6Mcast• selectable: no• subclass: StaticRoute• Value: 129
IPv6	<ul style="list-style-type: none">• Name: ipv6• Value: 2

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Name	Value
IPv6z	<ul style="list-style-type: none">• Name: ipv6z• subclass: service.SubscriberInterface,StaticRoute,bgp.Peer,bgp.PeerImportPolicy,bgp.PeerExportPolicy,bgp.Md5Key,rp.Criteria,NetworkInterface,ies.L3AccessInterface,vprn.L3AccessInterface,ipipe.L2AccessInterface,ospf.Interface,rtr.DhcpRelayV6Configuration,svt.SdpBindingIpipe,bfd.BfdSession,rtr.GrpIpdhcpv6RelayCfg• Value: 4
Unknown	<ul style="list-style-type: none">• Name: unknown• selectable: no• Value: 0

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414 –SNMP types

Table 414-1 snmptypes parameters

Parameters	
AdminState	PollingInterval

Table 414-2 AdminState

Name	Value
Down	<ul style="list-style-type: none">Name: downValue: 2
Up	<ul style="list-style-type: none">Name: upValue: 1

Table 414-3 PollingInterval

Name	Value
1 hour, 15 minutes	<ul style="list-style-type: none">Name: 1hour_15minutesorder: 7Value: 75
1 hour, 30 minutes	<ul style="list-style-type: none">Name: 1hour_30minutesorder: 8Value: 90

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Name	Value
1 hour, 45 minutes	<ul style="list-style-type: none">• Name: 1hour_45minutes• order: 9• Value: 105
1 hour	<ul style="list-style-type: none">• Name: 1hour• order: 6• Value: 60
12 hours	<ul style="list-style-type: none">• Name: 12hours• order: 17• Value: 720
15 minutes	<ul style="list-style-type: none">• Name: 15minutes• order: 3• Value: 15
2 hours, 15 minutes	<ul style="list-style-type: none">• Name: 2hours_15minutes• order: 11• Value: 135
2 hours, 30 minutes	<ul style="list-style-type: none">• Name: 2hours_30minutes• order: 12• Value: 150
2 hours, 45 minutes	<ul style="list-style-type: none">• Name: 2hours_45minutes• order: 13• Value: 165
2 hours	<ul style="list-style-type: none">• Name: 2hours• order: 10• Value: 120
24 hours	<ul style="list-style-type: none">• Name: 24hours• order: 18• Value: 1440
3 hours	<ul style="list-style-type: none">• Name: 3hours• order: 14• Value: 180
30 minutes	<ul style="list-style-type: none">• Name: 30minutes• order: 4• Value: 30
4 hours	<ul style="list-style-type: none">• Name: 4hours• order: 15• Value: 240
45 minutes	<ul style="list-style-type: none">• Name: 45minutes• order: 5• Value: 45
48 hours	<ul style="list-style-type: none">• Name: 48hours• order: 19• Value: 2880
5 minutes	<ul style="list-style-type: none">• Name: 5minutes• order: 2• Value: 5

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Name	Value
8 hours	<ul style="list-style-type: none">• Name: 8hours• order: 16• Value: 480
Disabled	<ul style="list-style-type: none">• Name: disabled• order: 1• Value: -1

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Customer documentation and product support



Customer documentation

<http://www.alcatel-lucent.com/myaccess>

Product manuals and documentation updates are available at [alcatel-lucent.com](http://www.alcatel-lucent.com). If you are a new user and require access to this service, please contact your Alcatel-Lucent sales representative.



Technical Support

<http://support.alcatel-lucent.com>



Documentation feedback

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