Alcatel-Lucent 5620

SERVICE AWARE MANAGER | RELEASE 9.0 R2

LTE PARAMETER REFERENCE

3HE 06508 AAAB 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.

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).

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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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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 FREEWARE 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.

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.

Note — You can use the Search function of Acrobat Reader (File→Search) to find a term in a PDF of this 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. For more information, see the Help for Acrobat Reader.

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 documentation suite.

Table 1 5620 SAM customer documentation suite

Guide	Description
5620 SAM core documentation	
5620 SAM Planning Guide	The *5620 SAM Planning Guide* provides information about 5620 SAM scalability and recommended hardware configurations.

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Guide	Description
5620 SAM | 5650 CPAM Installation and Upgrade Guide	The *5620 SAM | 5650 CPAM Installation and Upgrade Guide* provides OS considerations, configuration information, and procedures for the following: • 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
5620 SAM User Guide	The *5620 SAM User Guide* 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 *5620 SAM User Guide* uses a task-based format. Each chapter contains: • a workflow that describes the steps for configuring and using the functionality • detailed procedures that list the configurable parameters on the associated forms 5620 SAM management information specific to LTE network elements is covered in the *5620 SAM LTE ePC User Guide* and *5620 SAM LTE RAN User Guide*. 5620 SAM management information specific to 1830 PSS network elements is covered in the *5620 SAM Optical User Guide*.
5620 SAM Parameter Guide	The *5620 SAM Parameter Guide* provides: • 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 *5620 SAM User Guide* and the parameter descriptions in the *5620 SAM Parameter Guide*. See Procedure 2 for more information. Parameters specific to LTE network elements are covered in the *5620 SAM LTE Parameter Reference*. Parameters specific to 1830 PSS network elements are covered in the *5620 SAM Optical Parameter Reference*.
5620 SAM Statistics Management Guide	The *5620 SAM Statistics Management Guide* provides information about how to configure performance and accounting statistics collection and how to view counters using the 5620 SAM. Network examples are included.
5620 SAM Scripts and Templates Developer Guide	The *5620 SAM Scripts and Templates Developer Guide* 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: • CLI scripting, XML, and the Velocity engine • basic scripting or programming • 5620 SAM functions

5620 SAM Troubleshooting Guide	The *5620 SAM Troubleshooting Guide* provides task-based procedures and user documentation to:
	• help resolve issues in the managed and management networks
	• identify the root cause and plan corrective action for:
	  • 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:
	  • network management LANs
	  • network management platforms and operating systems
	  • 5620 SAM client GUIs and client OSS applications
	  • 5620 SAM servers
	  • 5620 SAM databases

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Guide	Description
5620 SAM Maintenance Guide	The *5620 SAM Maintenance Guide* provides procedures for: • generating baseline information for 5620 SAM applications • performing daily, weekly, monthly, and as-required maintenance activities for 5620 SAM-managed networks
5620 SAM Integration Guide	The *5620 SAM Integration Guide* provides procedures to allow the 5620 SAM to integrate with additional components.
5620 SAM System Architecture Guide	The *5620 SAM System Architecture Guide* 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.
5620 SAM Supervision Module User Guide	The *5620 SAM Supervision Module User Guide* 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.
5620 SAM Network Element Compatibility Guide	The *5620 SAM Network Element Compatibility Guide* provides release-specific information about the compatibility of managed device features in 5620 SAM releases.
5620 SAM Release Description	The *5620 SAM Release Description* provides information about the new features associated with a 5620 SAM software release.
5620 SAM Glossary	The *5620 SAM Glossary* defines terms and acronyms used in all of the 5620 SAM documentation, including 5620 SAM LTE documentation.
5620 SAM XML OSS Interface Developer Guide	The *5620 SAM XML OSS Interface Developer Guide* provides information that allows you to: • 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
5620 SAM LTE documentation	
5620 SAM LTE ePC User Guide	The *5620 SAM LTE ePC User Guide* 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 *5620 SAM LTE ePC User Guide* before you attempt to use the 5620 SAM in your LTE network.
5620 SAM LTE RAN User Guide	The *5620 SAM LTE RAN User Guide* describes how to discover, configure, and manage the 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 *5620 SAM LTE RAN User Guide* before you attempt to use the 5620 SAM in your LTE network.
5620 SAM LTE Parameter Reference	The *5620 SAM LTE Parameter Reference* provides a list of all LTE ePC and LTE RAN parameters supported in the 5620 SAM.
5620 SAM LTE Alarm Reference	The *5620 SAM LTE Alarm Reference* provides a list of LTE ePC and LTE RAN alarms that can be reported in the 5620 SAM GUI.
5620 SAM 3GPP OSS Interface Developer Guide	The *5620 SAM 3GPP OSS Interface Developer Guide* 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.
5620 SAM 3GPP OSS Interface Compliance Statements	The *5620 SAM 3GPP OSS Interface Compliance Statements* document describes the compliance of the 5620 SAM 3GPP OSS interface with the 3GPP standard.
5620 SAM LTE RAN Release Description	The *5620 SAM LTE RAN Release Description* provides information about the LTE RAN features associated with the release.

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Guide	Description
5620 SAM optical documentation	
5620 SAM Optical User Guide	The *5620 SAM Optical User Guide* 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 *5620 SAM Optical User Guide* before you attempt to use the 5620 SAM in your network.
5620 SAM Optical Parameter Reference	The *5620 SAM Optical Parameter Reference* provides a list of all optical device parameters supported in the 5620 SAM.
5620 SAM Optical Alarm Reference	The *5620 SAM Optical Alarm Reference* provides a list of optical device alarms that can be reported in the 5620 SAM GUI.

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Procedure 1 To find the 5620 SAM user documentation

The user documentation is available from the following sources:

- the User_Documentation directory on the product DVD-ROM
- Help→5620 SAM User Documentation in the 5620 SAM client GUI main menu

Note — Users of Mozilla browsers may receive an error message when using the User Documentation Index page (index.html) to open 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 offline storage (Mozilla Firefox) or cache (Mozilla 1.7) values to 100 Mbytes to eliminate the error message.

Procedure 2 To view parameter descriptions from the *5620 SAM User Guide*

You can click on a parameter name in a *5620 SAM User Guide* procedure to open the matching parameter description in the *5620 SAM Parameter Guide*. Ensure the following conditions are true beforehand:

- the *5620 SAM Parameter Guide* and *5620 SAM User Guide* are located in the same directory
- Adobe Reader Release 5.0 or later is installed

1 To view a parameter description when both the *5620 SAM User Guide* and the *5620 SAM Parameter Guide* are open in Adobe Acrobat, click on the parameter name in the *5620 SAM User Guide*.

The parameter description is displayed in the *5620 SAM Parameter Guide*.

2 To view a parameter description when only the *5620 SAM User Guide* is open in Adobe Acrobat:

i Click on a parameter name in a procedure in the *5620 SAM User Guide*. The *5620 SAM User Guide* closes and the *5620 SAM Parameter Guide* opens to display the parameter description.

ii Double-click on the Previous View button in Adobe Acrobat (or press Alt + ←) to re-open the *5620 SAM User Guide*. The *5620 SAM User Guide* opens and displays the parameter from step i.

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

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	*hostname*

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Convention	Description	Example
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

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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

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1.1 *5620 SAM LTE Parameter Reference* overview

The *5620 SAM LTE Parameter Reference* describes the parameters of LTE devices and LTE-specific 5620 SAM functions. See the *5620 SAM Parameter Guide* for descriptions of non-LTE parameters. 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 client GUI and the 5620 SAM-O.

5620 SAM LTE Parameter Reference structure

The *5620 SAM LTE Parameter Reference* lists the parameter classes by their OSS name in alphabetical order and displays properties in tabular form. Enumerated values for parameters are listed in types chapters at the end of this document.

Parameter information

The *5620 SAM LTE Parameter Reference* describes the following aspects of LTE parameters (where applicable):

- OSS property name
- description
- value type
- default value
- whether the parameter is mandatory on object creation
- device impact
- minimum and maximum values
- tab and panel location in the 5620 SAM GUI
- displayed name
- whether the parameter can be unset

Aspects that are not described for a property 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 siteIdAddressType

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 — AccessBarringForOriginatingCalls

Table 4-1 AccessBarringForOriginatingCalls parameters

Parameters	
accessBarringTime	accessClass14Barring
accessClass11Barring	accessClass15Barring
accessClass12Barring	accessProbabilityFactor
accessClass13Barring	id

Table 4-2 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 * rand) * accessBarringTime, where rand is a radom value drawn between 0 and 1 Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessBarringTime (General)
Impact	No reset
Type	AccessBarringTimeEnum
Units	s

Table 4-3 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
Type	Boolean

Table 4-4 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
Type	Boolean

Table 4-5 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
Type	Boolean

Table 4-6 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
Type	Boolean

(2 of 2)

Table 4-7 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
Type	Boolean

Table 4-8 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
Type	AccessProbabilityFactorEnum
Units	%

Table 4-9 id

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

5 — AccessBarringForSignaling

Table 5-1 AccessBarringForSignaling parameters

Parameters	
accessBarringTime	accessClass14Barring
accessClass11Barring	accessClass15Barring
accessClass12Barring	accessProbabilityFactor
accessClass13Barring	id

Table 5-2 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 * rand) * 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
Type	AccessBarringTimeEnum
Units	s

Table 5-3 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
Type	Boolean

Table 5-4 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
Type	Boolean

Table 5-5 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
Type	Boolean

Table 5-6 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
Type	Boolean

(2 of 2)

Table 5-7 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
Type	Boolean

Table 5-8 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
Type	AccessProbabilityFactorEnum
Units	%

Table 5-9 id

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

6 — AccessBarringForSignalling

Table 6-1 AccessBarringForSignalling parameters

Parameters	
acBarringForSpecialAC	accessClass14Barring
accessBarringTime	accessClass15Barring
accessClass11Barring	accessProbabilityFactor
accessClass12Barring	id
accessClass13Barring	

Table 6-2 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
Maximum	5
Minimum	5
Type	STRING

Table 6-3 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 * rand) * accessBarringTime, where rand is a radom value drawn between 0 and 1 Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Displayed name	accessBarringTime (General)
Impact	No reset
Type	AccessBarringTimeEnum
Units	s

Table 6-4 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
Type	Boolean

Table 6-5 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
Type	Boolean

Table 6-6 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
Type	Boolean

(2 of 2)

Table 6-7 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
Type	Boolean

Table 6-8 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
Type	Boolean

Table 6-9 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
Type	AccessProbabilityFactorEnum
Units	%

Table 6-10 id

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

7 — AccessBarring

Table 7-1 AccessBarring parameters

Parameters	
accessBarringForEmergencyCalls accessBarringStatus	id

Table 7-2 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
Type	Boolean

Table 7-3 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
Type	AccessBarringStatusEnum

Table 7-4 id

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

8 — ActivationService

Table 8-1 ActivationService parameters

Parameters	
anrEnable	isEnbSelfConfigAllowed
anrEnableUtra	isEnhancedRacEnabled
groupHoppingEnabled	isEUTRANtoHRPDMobilityAllowed
id	isForcedDrxForCsFallbackAllowed
ipsecFPSenable	isGeoLocPhaseSyncAllowed
ipv6EnabledTelecom	isGeranCcoAllowed
isBlindPsHoToUtraFddAllowed	isHrpdMeasBasedRedirAllowed
isBlindPsHoToUtraTddAllowed	isInterFreqBlindRedirectionAllowed
isCellReselectionToGeranAllowed	isInterFreqEutraSameFrameStructureMobilityAllowed
isCellReselectionToInterFreqAllowed	isInterFreqHOAllowed
isCellReselectionToUtraFddAllowed	isIntraFreqMobilityAllowed
isCellReselectionToUtraTddAllowed	isIntraLteMobilityOptimizationAllowed
isCertificateEnabled	isIPsecEnabled
isCsFallbackToGeranAllowed	isLargePdcpSduAllowed
isCsFallbackToUtraFddAllowed	isMbmsBroadcastModeAllowed
isCsfbEnhancedRedirectionEnabled	isMeasurementGapConfigAllowed
isDataForwardingAllowed	isMeasurementGapsAllowed
isDlMacCtrlEltMultiplexingAllowed	isMobilityToGeranAllowed
isDlMacNonGbrMultiplexingAllowed	isMobilityToHrpdAllowed
isDSIMallowed	isMobilityToUtranAllowed
isModifyBearerAllowed	isRrcReEstablishmentAllowed
isNonGbrPdbForWeightAllowed	isS1EnhancementsAllowed
isNonOptRedirToHrpdAllowed	isS1HoAllowed
isPartialBearerHandlingAllowed	isSecurityEnabled
isPsHoFromUtraAllowed	isServiceBasedTrafficSegmentationAllowed
isPsHoToUtraAllowed	isSonPciAllocationEnabled
isPsHoToUtraFddAllowed	isSynchCdmaSystemTimeAllowed
isPsHoToUtraTddAllowed	isTrafficBasedContextReleaseAllowed
isRedirectionToGERANAllowed	isUtraDataForwardingAllowed
isRedirectionToUtraFddAllowed	isX2LoadIndicationAllowed
isRedirectionToUtraTddAllowed	overloadCallRejectNotAllowed
isRohcAllowed	

Table 8-2 anrEnable

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

Table 8-3 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
Type	Boolean

Table 8-4 groupHoppingEnabled

Name	Value
Default	true
Description	This parameter defiines 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
Type	Boolean

Table 8-5 id

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

Table 8-6 ipsecFPSenable

Name	Value
Default	true
Description	ON/OFF Perfect Forward Secrecy
Displayed name	ipsecFPSenable (General)

(1 of 2)

Name	Value
Impact	Full reset
Type	Boolean

(2 of 2)

Table 8-7 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)
Impact	Full reset
Type	Boolean

Table 8-8 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
Type	Boolean

Table 8-9 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
Type	Boolean

Table 8-10 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
Type	Boolean

Table 8-11 isCellReselectionToInterFreqAllowed

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

Table 8-12 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
Type	Boolean

Table 8-13 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
Type	Boolean

Table 8-14 isCertificateEnabled

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

Table 8-15 isCsFallbackToGeranAllowed

Name	Value
Default	false
Description	Activation flag for feature 92025 CS Fallback to GERAN
Displayed name	isCsFallbackToGeranAllowed (General)
Impact	No reset
RAN entitlement name	LTEisCsFallbackToGeranAllowed
Type	Boolean

Table 8-16 isCsFallbackToUtraFddAllowed

Name	Value
Default	false
Description	Activation flag for feature 92026 CS Fallback to UTRAN
Displayed name	isCsFallbackToUtraFddAllowed (General)
Impact	No reset
RAN entitlement name	LTEisCsFallbackToUtraFddAllowed
Type	Boolean

Table 8-17 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)

(1 of 2)

Name	Value
Impact	No reset
RAN entitlement name	LTEisCsfbEnhancedRedirectionEnabled
Type	Boolean

(2 of 2)

Table 8-18 isDataForwardingAllowed

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

Table 8-19 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
Type	Boolean

Table 8-20 isDlMacNonGbrMultiplexingAllowed

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

Table 8-21 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
Type	Boolean

Table 8-22 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
RAN entitlement name	LTEisENBselfConfigAllowed
Type	Boolean

Table 8-23 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)
Impact	No reset
Type	Boolean

Table 8-24 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)

(1 of 2)

Name	Value
Impact	No reset
Type	Boolean

(2 of 2)

Table 8-25 isForcedDrxForCsFallbackAllowed

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	isForcedDrxForCsFallbackAllowed (General)
Impact	No reset
Type	Boolean

Table 8-26 isGeoLocPhaseSyncAllowed

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

Table 8-27 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
Type	Boolean

Table 8-28 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)
Impact	No reset
Type	Boolean

Table 8-29 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
Type	Boolean

Table 8-30 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
RAN entitlement name	LTEisInterFreqEutraSameFrameStructureMobilityAllowed
Type	Boolean

Table 8-31 isInterFreqHOAllowed

Name	Value
Default	false
Description	An activation flag to enable or disable inter-freq intra-LTE handover
Displayed name	isInterFreqHOAllowed (General)

(1 of 2)

Name	Value
Impact	No reset
Type	Boolean

(2 of 2)

Table 8-32 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
Type	Boolean

Table 8-33 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
Type	Boolean

Table 8-34 isIPsecEnabled

Name	Value
Default	false
Description	This activation flag enables the support Ipsec
Displayed name	isIPsecEnabled (General)
Impact	Full reset
RAN entitlement name	LTEisIpsecEnable
Type	Boolean

Table 8-35 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
Type	Boolean

Table 8-36 isMbmsBroadcastModeAllowed

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

Table 8-37 isMeasurementGapConfigAllowed

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

Table 8-38 isMeasurementGapsAllowed

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

Table 8-39 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
Type	Boolean

Table 8-40 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
RAN entitlement name	LTEisMobilityToHrpdAllowed
Type	Boolean

Table 8-41 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
RAN entitlement name	LTEisMobilityToUtranAllowed
Type	Boolean

Table 8-42 isModifyBearerAllowed

Name	Value
Default	false
Description	This flag allows the activation of E-RAB Modification and UE AMBR modification
Displayed name	isModifyBearerAllowed (General)
Impact	No reset
Type	Boolean

Table 8-43 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
Type	Boolean

Table 8-44 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
Type	Boolean

Table 8-45 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)

(1 of 2)

Name	Value
Impact	No reset
Type	Boolean

(2 of 2)

Table 8-46 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
Type	Boolean

Table 8-47 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)
Impact	No reset
Type	Boolean

Table 8-48 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
Type	Boolean

Table 8-49 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
Type	Boolean

Table 8-50 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
Type	Boolean

Table 8-51 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
Type	Boolean

Table 8-52 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
Type	Boolean

Table 8-53 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
Type	Boolean

Table 8-54 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
Type	Boolean

Table 8-55 isS1EnhancementsAllowed

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

Table 8-56 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
Type	Boolean

Table 8-57 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
Type	Boolean

Table 8-58 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
RAN entitlement name	LTEisServiceBasedTrafficSegmentationAllowed
Type	Boolean

Table 8-59 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
RAN entitlement name	LTEisSonPciAllocationEnabled
Type	Boolean

Table 8-60 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
Type	Boolean

Table 8-61 isTrafficBasedContextReleaseAllowed

Name	Value
Default	false
Description	This flag activates the UE context relase triggerd by traffic inactivity
Displayed name	isTrafficBasedContextReleaseAllowed (General)
Impact	Partial reset
Type	Boolean

Table 8-62 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
Type	Boolean

Table 8-63 isX2LoadIndicationAllowed

Name	Value
Default	false
Description	Activation flag to enable or disable X2 load indication feature
Displayed name	isX2LoadIndicationAllowed (General)

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Name	Value
Impact	Partial reset
Type	Boolean

(2 of 2)

Table 8-64 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
Type	Boolean

9 — ActiveAlarmEntry

Table 9-1 ActiveAlarmEntry parameters

Parameters	
alarmCounter alarmId	id managedObjectFDN

Table 9-2 alarmCounter

Name	Value
Mandatory on creation	Yes
Type	Long integer

Table 9-3 alarmId

Name	Value
Mandatory on creation	Yes
Type	Long integer

Table 9-4 id

Name	Value
Mandatory on creation	Yes
Type	Long integer

Table 9-5 managedObjectFDN

Name	Value
Mandatory on creation	Yes
Type	STRING

10 — AGWApn

Table 10-1 AGWApn parameters

Parameters	
apnName description	siteIdAddressType

Table 10-2 apnName

Name	Value
Default	
Description	The value of apneName specifies the describes the Access Point Name (APN) associated with an User Quipment (UE).
Displayed name	Name (General)
Mandatory on creation	Yes
Maximum	80
Minimum	1
Type	STRING

Table 10-3 description

Name	Value
Default	
Description	The value of apneName 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 10-4 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

11 — AGWGxReferencePoint

Table 11-1 AGWGxReferencePoint parameters

Parameters	
diameterRetryCount	diameterTransactionTimer

Table 11-2 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 11-3 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)

12 — AnrProfile

Table 12-1 AnrProfile parameters

Parameters	
activePhaseMeasReportHysteresis	id
activePhaseMeasReportThreshold	threshold2EutraRsrp
description	threshold2EutraRsrq
displayedName	thresholdEutraRsrp
dormantPhaseTimerForEcgiDiscovery	thresholdEutraRsrq
drxCycleForReportCGI	uEContributionInWakeUpPhase

Table 12-2 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	Active Phase Measurement Report Hysteresis (General)
Maximum	500
Minimum	5
Step	5
Type	Integer

Table 12-3 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	Active Phase Measurement Report Threshold (General)
Maximum	2000
Minimum	10
Step	10
Type	Integer

Table 12-4 description

Name	Value
Default	
Description	ANR Profile Description.
Displayed name	Description (General)
Maximum	252
Type	STRING

Table 12-5 displayedName

Name	Value
Default	
Description	ANR Profile Name.
Displayed name	Profile Name (General)
Maximum	80
Minimum	1
Type	STRING

Table 12-6 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	Dormant Phase Timer For ECGI Discovery (General)
Maximum	60
Minimum	5
Step	5
Type	Integer
Units	min

Table 12-7 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	DRX Cycle For Report CGI (General)
Type	DrxCycleForReportCGIEnum

Table 12-8 id

Name	Value
Default	0
Description	ANR Profile Identifier.
Displayed name	Profile ID (General)
Mandatory on creation	Yes
Maximum	3000
Minimum	1
Type	Integer

Table 12-9 threshold2EutraRsrp

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	Second Threshold EUTRAN RSRP (General)
Impact	No reset
Maximum	-43
Minimum	-140
Type	RSRPRangeEnum
Unset supported	Yes

Table 12-10 threshold2EutraRsrq

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	Second Threshold EUTRAN RSRQ (General)
Maximum	-3
Minimum	-20
Type	RSRQRangeEnum
Unset supported	Yes

Table 12-11 thresholdEutraRsrp

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	Threshold EUTRAN RSRP (General)
Maximum	-43
Minimum	-140
Type	RSRPRangeEnum
Unset supported	Yes

Table 12-12 thresholdEutraRsrq

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	Threshold EUTRAN RSRQ (General)
Maximum	-3
Minimum	-20
Type	RSRQRangeEnum
Unset supported	Yes

Table 12-13 uEContributionInWakeUpPhase

Name	Value
Default	10
Description	This parameter defined the number of established UEs that will be configured with ANR + ReportCGI measurements during the wake-up phase.
Displayed name	UE Contribution In Wake Up Phase (General)
Maximum	20
Minimum	0
Step	10
Type	Integer

13 — Antenna

Table 13-1 antennaModel

Name	Value
Default	
Description	Name of the antenna manufacturer and the antenna model
Displayed name	Antenna Model (General)
Mandatory on creation	Yes
Type	STRING

14 — AntennaPortSpecifics

Table 14-1 AntennaPortSpecifics parameters

Parameters	
antennaGain antennaPathAttenuationDL antennaPathAttenuationUL assignedPortNumber	equippedAntennaModel vswrUrgentThreshold vswrWarningThreshold

Table 14-2 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
Maximum	300
Minimum	0
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 14-3 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
Maximum	60
Minimum	0
Type	Integer
Units	dB

Table 14-4 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
Maximum	60
Minimum	0
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 14-5 assignedPortNumber

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

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Name	Value
Minimum	0
Type	Long integer

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Table 14-6 equippedAntennaModel

Name	Value
Default	
Description	The antenna model attached to this antenna port. Beam forming is only available with antennas in the antennaModelTable
Impact	Partial reset
Maximum	127
Minimum	0
Type	STRING

Table 14-7 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
Maximum	100
Minimum	0
Type	Integer

Table 14-8 vswrWarningThreshold

Name	Value
decimals	1
Default	0

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Name	Value
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
Maximum	100
Minimum	0
Type	IP address exclusively (hostname not allowed)

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15 — AutomaticNeighborRelation

Table 15-1 AutomaticNeighborRelation parameters

Parameters	
activePhaseMeasReportHysteresis	drxCycleForReportCGI
activePhaseMeasReportThreshold	id
dormantPhaseTimerForEcgiDiscovery	uEContributionInWakeUpPhase

Table 15-2 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
Maximum	500
Minimum	5
Step	5
Type	Integer

Table 15-3 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
Maximum	2000
Minimum	10
Step	10
Type	Integer

Table 15-4 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
Maximum	60
Minimum	5
Step	5
Type	Integer
Units	min

Table 15-5 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
Type	DrxCycleForReportCGIEnum

Table 15-6 id

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

Table 15-7 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
Maximum	20
Minimum	0
Step	10
Type	Integer

16 — AutomaticNeighbourRelation

Table 16-1 AutomaticNeighbourRelation parameters

Parameters	
activePhaseMeasReportHysteresis	drxCycleForReportCGI
activePhaseMeasReportThreshold	id
dormantPhaseTimerForEcgiDiscovery	isLcgRemovalAllowed

Table 16-2 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
Maximum	500
Minimum	5
Step	5
Type	Integer

Table 16-3 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
Maximum	2000
Minimum	10
Step	10
Type	Integer

Table 16-4 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
Maximum	60
Minimum	5
Step	5
Type	Integer
Units	min

Table 16-5 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
Type	DrxCycleForReportCGIEnum

Table 16-6 id

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

Table 16-7 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
Type	Boolean

17 — AutomaticPhysicalCellIdentity

Table 17-1 AutomaticPhysicalCellIdentity parameters

Parameters	
enableMaintenancePeriod	maintenancePeriodStartTime
id	pciAllowedList

Table 17-2 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 maintenace period is enabled.
Displayed name	enableMaintenancePeriod (General)
Impact	No reset
Type	Boolean

Table 17-3 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 17-4 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
Maximum	24
Minimum	1
Type	Integer
Units	h

Table 17-5 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	PciAllowedListType
Unset supported	Yes

18 — BeamForming

Table 18-1 BeamForming parameters

Parameters	
broadcastBFWeightXTable broadcastBFWeightYTable id	rRHCalibrationPeriod rRHCalibrationStartSFN

Table 18-2 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
Type	BroadcastBFWeightXTableType

Table 18-3 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
Type	BroadcastBFWeightYTableType

Table 18-4 id

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

Table 18-5 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
Maximum	4096000000
Minimum	0
Step	4096
Type	Long integer

Table 18-6 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
Maximum	4095
Minimum	0
Type	Integer

19 — BlackCellConf

Table 19-1 BlackCellConf parameters

Parameters	
id range	start

Table 19-2 id

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

Table 19-3 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
Type	RangeEnum
Unset supported	Yes

Table 19-4 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
Maximum	503
Minimum	0
Type	Integer

20 — BscAccess

Table 20-1 BscAccess parameters

Parameters	
id naccTimersConfId plmnMobileCountryCode	plmnMobileNetworkCode rdnId rimForNaccEnabled

Table 20-2 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 20-3 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
Type	STRING

Table 20-4 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
Maximum	3
Minimum	3
Type	MobileCountryCode

Table 20-5 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
Maximum	3
Minimum	2
Type	STRING

Table 20-6 rdnId

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

Table 20-7 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
Type	Boolean

21 — CallTraceDirectory

Table 21-1 id

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

22 — CallTraceSessionManager

Table 22-1 CallTraceSessionManager parameters

Parameters	
callTraceUdpPort diskUsageAlarmSeverity diskUsageThreashold	fileRetentionTime rolloverTime

Table 22-2 callTraceUdpPort

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

Table 22-3 diskUsageAlarmSeverity

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

(1 of 2)

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

(2 of 2)

Table 22-4 diskUsageThreashold

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

Table 22-5 fileRetentionTime

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

Table 22-6 rolloverTime

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

23 — Capacity

Table 23-1 Capacity parameters

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

Table 23-2 id

Name	Value
Description	Capacity MO identifier for licensing feature.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	1
Type	Integer

Table 23-3 isDlBandwidth10MhzAllowed

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

Table 23-4 isDlBandwidth15MhzAllowed

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

Table 23-5 isDlBandwidth1MhzAllowed

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

Table 23-6 isDlBandwidth20MhzAllowed

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

Table 23-7 isDlBandwidth3MhzAllowed

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

Table 23-8 isDlBandwidth5MhzAllowed

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

Table 23-9 isUlBandwidth10MhzAllowed

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

Table 23-10 isUlBandwidth15MhzAllowed

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

Table 23-11 isUlBandwidth1MhzAllowed

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

Table 23-12 isUlBandwidth20MhzAllowed

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

Table 23-13 isUlBandwidth3MhzAllowed

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

Table 23-14 isUlBandwidth5MhzAllowed

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

Table 23-15 maxNbOfCallCapacityLicensing

Name	Value
Default	infinite
Description	Feature token to identify the maximum number of calls capacity that is allowed.
Displayed name	maxNbOfCallCapacityLicensing (General)
Type	STRING

Table 23-16 transmissionPowerCapacityLicensing

Name	Value
Default	infinite
Description	Feature token to identify the transmission power capacity that is allowed.
Displayed name	transmissionPowerCapacityLicensing (General)
Type	STRING

24 — Cdma2000NeigbhorCellInfo

Table 24-1 Cdma2000NeigbhorCellInfo parameters

Parameters	
bandClass	id

Table 24-2 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
Type	HrpdBandEnum

Table 24-3 id

Name	Value
Description	Cdma2000NeigbhorCellInfo identifier
Displayed name	id (General)
Mandatory on creation	Yes

(1 of 2)

Name	Value
Maximum	1
Minimum	0
Type	Integer

(2 of 2)

25 — Cdma2000NeigbhorCellsPerBandclass

Table 25-1 Cdma2000NeigbhorCellsPerBandclass parameters

Parameters	
frequency id	pnOffsetList

Table 25-2 frequency

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

Table 25-3 id

Name	Value
Description	Cdma2000NeigbhorCellsPerBandclass identifier
Displayed name	id (General)

(1 of 2)

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

(2 of 2)

Table 25-4 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
Type	PnOffsetListType
Units	PN offset

26 — Cdma2000NeighborCellInfo

Table 26-1 Cdma2000NeighborCellInfo parameters

Parameters	
bandClass	id

Table 26-2 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
Type	HrpdBandEnum

Table 26-3 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)

27 — Cdma2000NeighborCellsPerBandclass

Table 27-1 Cdma2000NeighborCellsPerBandclass parameters

Parameters	
frequency id	pnOffsetList

Table 27-2 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
Maximum	2047
Minimum	0
Type	Integer

Table 27-3 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 27-4 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
Type	PnOffsetListType
Units	PN offset

28 — CdmaPhaseSync

Table 28-1 id

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

29 — CellActivationService

Table 29-1 CellActivationService parameters

Parameters	
id	isFiberDelayAllowed

Table 29-2 id

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

Table 29-3 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)

(1 of 2)

Name	Value
Impact	Partial reset
RAN entitlement name	LTEisFiberDelayAllowed
Type	Boolean

(2 of 2)

30 — CellicicConf

Table 30-1 CellicicConf parameters

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

Table 30-2 id

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

Table 30-3 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
Maximum	99
Minimum	0
Type	Integer

Table 30-4 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
Maximum	99
Minimum	0
Type	Integer

Table 30-5 numberOfPRBsPreferredZone700MHzUpperC

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

Table 30-6 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
Maximum	99
Minimum	0
Type	Integer

Table 30-7 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
Maximum	99
Minimum	0
Type	Integer

Table 30-8 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 Uperr C Block feature.
Displayed name	pRBStartingIndexPreferredZone700MHzUpperC (General)
Impact	Partial reset
Maximum	99
Minimum	0
Type	Integer

Table 30-9 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
Maximum	20
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 30-10 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
Maximum	20
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 30-11 ullCIChysteresisTime

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

(1 of 2)

Name	Value
Type	Integer
Units	ms

(2 of 2)

Table 30-12 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
Type	UlICICModeEnum

Table 30-13 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
Maximum	20
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 30-14 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
Maximum	20
Minimum	0
Step	0.1

(1 of 2)

Name	Value
Type	IP address exclusively (hostname not allowed)
Units	dB

(2 of 2)

Table 30-15 ullCICPLthreshold

Name	Value
Default	0
Description	UL path loss threshold to define interior / edge user in dB
Displayed name	ullCICPLthreshold (General)
Impact	Partial reset
Maximum	0
Minimum	-150
Step	0.1
Type	IP address exclusively (hostname not allowed)

31 — CellicicConfTDD

Table 31-1 CellicicConfTDD parameters

Parameters	
dlICICRachMsg4StartPRBIndex dlICICSibxStartPRBIndex	id

Table 31-2 dlICICRachMsg4StartPRBIndex

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

Table 31-3 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	dlICICSibxStartPRBIndex (General)
Impact	Partial reset
Maximum	99
Minimum	-1
Type	Integer

(2 of 2)

Table 31-4 id

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

32 — CellL1DLConf

Table 32-1 CellL1DLConf parameters

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

Table 32-2 id

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

Table 32-3 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
Type	PaOffsetPdschEnum

Table 32-4 pBCHPowerOffset

Name	Value
Description	Provides the power offset of the PBCH compared to the Cell Reference Power
Displayed name	pBCHPowerOffset (General)
Impact	Partial reset
Maximum	25.5
Minimum	-25.6
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 32-5 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
Type	PbOffsetPdschEnum

Table 32-6 pCFICHPowerOffset

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

(1 of 2)

Name	Value
Minimum	-25.6
Type	IP address exclusively (hostname not allowed)
Units	dB

(2 of 2)

Table 32-7 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
Maximum	25.5
Minimum	-25.6
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 32-8 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
Maximum	25.5
Minimum	-25.6
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 32-9 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
Maximum	25.5

(1 of 2)

Name	Value
Minimum	-25.6
Type	IP address exclusively (hostname not allowed)
Units	dB

(2 of 2)

Table 32-10 phichResource

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

Table 32-11 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
Maximum	25.5
Minimum	-25.6
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 32-12 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
Maximum	50
Minimum	-60
Type	Integer
Units	dBm

Table 32-13 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
Maximum	25.5
Minimum	-25.6
Type	IP address exclusively (hostname not allowed)
Units	dB

33 — CellL1L2ControlChannelsConf

Table 33-1 CellL1L2ControlChannelsConf parameters

Parameters	
cFI	dynamicPUCCHTimer
cFI1Allowed	id
cFI2Allowed	isPDCCHpowerControlForULgrantsActive
cFI3Allowed	pdcchAggregationLevelForCommonSearchSpace
cFIIncreaseTimer	pdcchAggregationLevelForCRNTIGrantsInCommonSearchSpace
cFIThreshold1	pdcchAggregationLevelForNonCRNTIGrantsInCommonSearchSpace
cFIThreshold2	pdcchAggregationLevelForUESearchSpace
dlTargetSINRTableForPDCCH	pDCCHCQIToSINRLookUpTable
dynamicCFIEnabled	sINRThresholdBetweenAL4andAL8
dynamicPUCCHEnabled	

Table 33-2 cFI

Name	Value
Default	2
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
Maximum	3
Minimum	1
Type	Integer

Table 33-3 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
Type	Boolean

Table 33-4 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
Type	Boolean

Table 33-5 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
Type	Boolean

Table 33-6 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

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Name	Value
Maximum	10000
Minimum	1
Type	Integer

(2 of 2)

Table 33-7 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
Maximum	500
Minimum	1
Type	Integer

Table 33-8 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
Maximum	500
Minimum	1
Type	Integer

Table 33-9 dlTargetSINRTableForPDCCH

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

(1 of 2)

Name	Value
Type	DlTargetSINRTableForPDCCHType
Units	dB

(2 of 2)

Table 33-10 dynamicCFIEnabled

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

Table 33-11 dynamicPUCCHEnabled

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

Table 33-12 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
Maximum	10000
Minimum	0
Type	Integer

Table 33-13 id

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

Table 33-14 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
Type	Boolean

Table 33-15 pdcchAggregationLevelForCommonSearchSpace

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

Table 33-16 pdcchAggregationLevelForCRNTIGrantsInCommonSearchSpace

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

Table 33-17 pdcchAggregationLevelForNonCRNTIGrantsInCommonSearchSpace

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

Table 33-18 pdcchAggregationLevelForUESearchSpace

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

Table 33-19 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
Type	PDCCHCQIToSINRLookUpTableType
Units	dB

Table 33-20 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
Maximum	30
Minimum	-10

(1 of 2)

Name	Value
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

(2 of 2)

34 — CellL1L2ControlChannelsConfTDD

Table 34-1 CellL1L2ControlChannelsConfTDD parameters

Parameters	
adaptiveModeOfPdcchFormat	dlTargetSINRTableForPDCCH
cCEShortageAveragingCoefficient	dynamicCFIMetric
cFIIncreaseThresholdBasedOnCCEShortage	id
dlAggregationLevelReselectionEnabled	maxCCEShortageMetricUpdateAllowed
dlAggregationLevelSINRThresholdTuningFactor	

Table 34-2 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
Type	AdaptiveModeOfPdcchFormatEnum
Unset supported	Yes

Table 34-3 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
Maximum	16384
Minimum	0
Type	Integer
Unset supported	Yes

Table 34-4 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
Maximum	40
Minimum	0
Type	Integer
Unset supported	Yes

Table 34-5 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
Type	Boolean
Unset supported	Yes

Table 34-6 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
Maximum	1
Minimum	0
Step	0.01
Type	IP address exclusively (hostname not allowed)
Unset supported	Yes

Table 34-7 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
Type	DlTargetSINRTableForPDCCHType

Table 34-8 dynamicCFIMetric

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

(1 of 2)

Name	Value
Type	DynamicCFIMetricEnum
Unset supported	Yes

(2 of 2)

Table 34-9 id

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

Table 34-10 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
Maximum	255
Minimum	0
Type	Integer
Unset supported	Yes

35 — CellL1ULConfFDD

Table 35-1 CellL1ULConfFDD parameters

Parameters	
cqiReportingModeAperiodic id	nRBCQI

Table 35-2 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
Type	CqiReportingModeAperiodicEnumFDD

Table 35-3 id

Name	Value
Description	CellL1ULConfFDD identifier
Displayed name	id (General)

(1 of 2)

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

(2 of 2)

Table 35-4 nRBCQI

Name	Value
Default	0
Description	Parameter: N^CQI_RB, see TS 36.211 [21, 5.4]. Defines the number of PRBs availabe 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
Type	NRBCQIEnum

36 — CellL1ULConf

Table 36-1 CellL1ULConf parameters

Parameters	
betaOffsetACKIndex	nbrCQIperTTI
betaOffsetCQIIndex	nbrSRperTTI
betaOffsetRIIndex	nbrSRSperTTI
cqiFormatIndicatorPeriodic	nRBCQI
cqiInitPeriod	puschHoppingOffsetPRBs
cqiReportingModeAperiodic	srInitPeriod
deltaOffsetACKIndex	sRPeriodicity
deltaOffsetCQIIndex	srsBandwidthConfiguration
deltaOffsetRIIndex	sRSDuration
deltaPUCCHShift	srsInitPeriod
dsrTransMax	sRSTransmissionComb
groupAssignmentPUSCH	startingSROffset
id	subbandCQIk
initSrsTransmissionComb	uCIandSRSAdjustAllowed
mRI	ulRSCyclicShift
n1PucchAN	uplinkControlChannelLUTindex

Table 36-2 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)

(1 of 2)

Name	Value
Impact	Partial reset
Maximum	10
Minimum	0
Type	Integer

(2 of 2)

Table 36-3 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
Maximum	9
Minimum	2
Type	Integer

Table 36-4 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
Maximum	12
Minimum	0
Type	Integer

Table 36-5 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

(1 of 2)

Name	Value
Type	CqiFormatIndicatorPeriodicEnum
Unset supported	Yes

(2 of 2)

Table 36-6 cqiInitPeriod

Name	Value
Default	20sf
Description	Initial CQI period to be used
Displayed name	cqiInitPeriod (General)
Impact	Partial reset
Type	CqiInitPeriodEnum

Table 36-7 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)
Impact	Partial reset
Type	CqiReportingModeAperiodicEnum

Table 36-8 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
Maximum	15
Minimum	0
Type	Integer

Table 36-9 deltaOffsetCQIIndex

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

Table 36-10 deltaOffsetRIIndex

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

Table 36-11 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
Type	DeltaPUCCHShiftEnum

Table 36-12 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)

(1 of 2)

Name	Value
Impact	Partial reset
Type	DsrTransMaxEnum

(2 of 2)

Table 36-13 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
Maximum	29
Minimum	0
Type	Integer

Table 36-14 id

Name	Value
Description	CellL1ULConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 36-15 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
Maximum	1

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Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 36-16 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
Type	MRIEnum
Unset supported	Yes

Table 36-17 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
Maximum	11
Minimum	0
Type	Integer

Table 36-18 nbrCQIperTTI

Name	Value
Default	16
Description	Maximum number of CQIs that can be processed per TTI due to modem processing power limitation
Displayed name	nbrCQIperTTI (General)
Impact	Partial reset
Maximum	100
Minimum	1
Type	Integer

Table 36-19 nbrSRperTTI

Name	Value
Default	16
Description	Maximum number of SR that can be processed per TTI due to modem processing power limitation
Displayed name	nbrSRperTTI (General)
Impact	Partial reset
Maximum	100
Minimum	1
Type	Integer

Table 36-20 nbrSRSperTTI

Name	Value
Default	8
Description	Maximum number of SRSs that are allowed to be multiplexed per TTI
Displayed name	nbrSRSperTTI (General)
Impact	Partial reset
Maximum	16
Minimum	1
Type	Integer

Table 36-21 nRBCQI

Name	Value
Default	0
Description	Parameter: N^CQI_RB, see TS 36.211 [21, 5.4]. Defines the number of PRBs availabe 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
Maximum	98
Minimum	0
Type	Integer

Table 36-22 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
Maximum	99
Minimum	0
Type	Integer

Table 36-23 srInitPeriod

Name	Value
Default	20sf
Description	Initial SR period to be used
Displayed name	srInitPeriod (General)
Impact	Partial reset
Type	SrInitPeriodEnum

Table 36-24 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
Type	SRPeriodicityEnum

Table 36-25 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)

(1 of 2)

Name	Value
Impact	Partial reset
Type	SrsBandwidthConfigurationEnum

(2 of 2)

Table 36-26 sRSDuration

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

Table 36-27 srsInitPeriod

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

Table 36-28 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
Maximum	1
Minimum	0
Type	Integer

Table 36-29 startingSROffset

Name	Value
Default	1
Description	Starting position of the SR subframe offset allocation
Displayed name	startingSROffset (General)
Impact	Partial reset
Maximum	9
Minimum	0
Type	Integer

Table 36-30 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
Maximum	4
Minimum	1
Type	Integer
Unset supported	Yes

Table 36-31 uCIandSRSAdjustAllowed

Name	Value
Default	true
Description	Boolean fllag 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	uCIandSRSAdjustAllowed (General)
Impact	Partial reset
Type	Boolean

Table 36-32 ulRSCyclicShift

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

Table 36-33 uplinkControlChannelLUTindex

Name	Value
Default	1
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
Maximum	255
Minimum	0
Type	Integer

37 — CellL1ULConfTDD

Table 37-1 CellL1ULConfTDD parameters

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

Table 37-2 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: 04 152637. 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
Maximum	8

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Name	Value
Minimum	8
Type	STRING
Unset supported	Yes

(2 of 2)

Table 37-3 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
Type	CqiPeriodTDDEnum
Unset supported	Yes

Table 37-4 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
Type	CqiReportingModeAperiodicEnum

Table 37-5 id

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

Table 37-6 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
Type	L1ReceiverMethodEnum
Unset supported	Yes

Table 37-7 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
Maximum	8
Minimum	1
Type	Integer
Unset supported	Yes

Table 37-8 nRBCQI

Name	Value
Default	0
Description	Parameter: N^CQI_RB, see TS 36.211 [21, 5.4]. Defines the number of PRBs availabe 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
Maximum	2
Minimum	0
Type	Integer

Table 37-9 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
Maximum	15
Minimum	0
Type	Integer

Table 37-10 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
Maximum	15
Minimum	0
Type	Integer

Table 37-11 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
Type	Boolean
Unset supported	Yes

Table 37-12 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)
Impact	Partial reset
Type	SRSPeriodicityEnum
Unset supported	Yes

Table 37-13 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
Type	SrsSubframeConfigurationEnum

Table 37-14 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
Type	TddAckNackFeedbackModeEnum

38 — CellL2DLConf

Table 38-1 CellL2DLConf parameters

Parameters	
alphaFairnessFactor	pDCCHPowerControlActivation
dlSpeedThresholdForDisablingFreqSelectiveScheduling	pDCCHPowerControlMaxPowerDecrease
fDSOnly	pDCCHPowerControlMaxPowerIncrease
id	rachMsg2ForceMCSmin
maximumFSSUsers	resourceBlockShift
maximumUsersInACQIListFromDLScheduler	siForceMCSmin
minimumCQIForFSS	timingAlignmentCommandTimer
nomPdschRsEpreOffset	transmissionMode
pagingForceMCSmin	

Table 38-2 alphaFairnessFactor

Name	Value
Default	1
Description	fairness parameter used for tuning the scheduler
Displayed name	alphaFairnessFactor (General)
Impact	Partial reset
Maximum	2
Minimum	0
Step	0.5
Type	IP address exclusively (hostname not allowed)

Table 38-3 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
Maximum	120
Minimum	0
Type	Integer

Table 38-4 fDSOnly

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

Table 38-5 id

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

Table 38-6 maximumFSSUsers

Name	Value
Default	60
Description	Defines the maximum number of FSS users that could be managed
Displayed name	maximumFSSUsers (General)
Impact	Partial reset

(1 of 2)

Name	Value
Maximum	60
Minimum	1
Type	Integer

(2 of 2)

Table 38-7 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
Maximum	120
Minimum	1
Type	Integer

Table 38-8 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
Maximum	15
Minimum	1
Type	Integer

Table 38-9 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
Maximum	12

(1 of 2)

Name	Value
Minimum	-2
Step	2
Type	Integer
Units	dB

(2 of 2)

Table 38-10 pagingForceMCSmin

Name	Value
Default	-1
Description	Optionaly force the minimum MCS used for PCH transmission to a specific value, to allow better or lower protection that 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
Maximum	9
Minimum	-1
Type	Integer

Table 38-11 pDCCHPowerControlActivation

Name	Value
Default	false
Description	Activation of the PDCCH Power Control Feature. When de-ativated, the configured power for PDCCH channels are used.
Displayed name	pDCCHPowerControlActivation (General)
Impact	Partial reset
Type	Boolean

Table 38-12 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	Partial reset

(1 of 2)

Name	Value
Maximum	12.8
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

(2 of 2)

Table 38-13 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	Partial reset
Maximum	12.7
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 38-14 rachMsg2ForceMCSmin

Name	Value
Default	-1
Description	Optionaly force the minimum MCS used for RACH message 2 transmission to a specific value, to allow better or lower protection that 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
Maximum	9
Minimum	-1
Type	Integer

Table 38-15 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)
Impact	Partial reset
Maximum	96
Minimum	0
Type	Integer

Table 38-16 siForceMCSmin

Name	Value
Default	-1
Description	Optionaly force the minimum MCS used for SI messages transmission to a specific value, to allow better or lower protection that 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
Maximum	9
Minimum	-1
Type	Integer

Table 38-17 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	Partial reset
Maximum	2550
Minimum	10
Step	10
Type	Integer
Units	ms

Table 38-18 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
Type	TransmissionModeEnum

39 — CellL2DLConfTDD

Table 39-1 CellL2DLConfTDD parameters

Parameters	
bOEmptyTimer	id
dlBasicSchedulingMode	maxNumberOfRBsPerUE
dlMultiplexingOfMultiBearersEnabled	nGBRQosFactor
dlPDBQosTuningFactor	nonSyncEnabled
dlPriorityQosTuningFactor	pDBThreshold
dlResourceAllocationType	pDCCHBlerControlActivation
dlSchedulerMode	percentageThresholdForDLRR
expectedNumberOfUEPerTTIForDLRR	pRBEndIndexForPDSCH
hARQRetransmissionMode	pRBStartIndexForPDSCH

Table 39-2 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
Maximum	20000
Minimum	0
Step	100

(1 of 2)

Name	Value
Type	Integer
Units	ms
Unset supported	Yes

(2 of 2)

Table 39-3 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
Type	BasicSchedulingModeEnum

Table 39-4 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
Type	Boolean

Table 39-5 dlPDBQosTuningFactor

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	dlPDBQosTuningFactor (General)
Impact	Partial reset
Type	DlPDBQosTuningFactorEnum

Table 39-6 dlPriorityQosTuningFactor

Name	Value
Description	This parameter indicates a tuning factor, which is used to translate the importance of priority into QoS weight.
Displayed name	dlPriorityQosTuningFactor (General)
Impact	Partial reset
Maximum	1
Minimum	0
Step	0.125
Type	IP address exclusively (hostname not allowed)

Table 39-7 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
Type	DlResourceAllocationTypeEnum

Table 39-8 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
Type	DlSchedulerModeEnum

Table 39-9 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
Maximum	32
Minimum	1
Type	Integer
Unset supported	Yes

Table 39-10 hARQRetransmissionMode

Name	Value
Default	non_adaptive
Description	The mode of dl retransmission
Displayed name	hARQRetransmissionMode (General)
Impact	Partial reset
Type	HARQRetransmissionModeEnum

Table 39-11 id

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

Table 39-12 maxNumberOfRBsPerUE

Name	Value
Description	max number of RBs allowed per UE per TTI in DL schedular;
Displayed name	maxNumberOfRBsPerUE (General)
Impact	Partial reset

(1 of 2)

Name	Value
Maximum	100
Minimum	1
Type	Integer

(2 of 2)

Table 39-13 nGBRQosFactor

Name	Value
Description	a tuning factor of QoS weight for non-GBR bear
Displayed name	nGBRQosFactor (General)
Impact	Partial reset
Maximum	0.5
Minimum	0
Step	0.125
Type	IP address exclusively (hostname not allowed)

Table 39-14 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
Type	Boolean

Table 39-15 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
Maximum	400
Minimum	0

(1 of 2)

Name	Value
Step	10
Type	Integer
Units	ms
Unset supported	Yes

(2 of 2)

Table 39-16 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
Type	Boolean

Table 39-17 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
Maximum	1
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Unset supported	Yes

Table 39-18 pRBEndIndexForPDSCH

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

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 39-19 pRBStartIndexForPDSCH

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

40 — CellL2ULConf

Table 40-1 CellL2ULConf parameters

Parameters	
aperiodicCQIuserListFDSINRthr	maxNumberOfIterationsAtPreselectionStage
aperiodicCQIuserListFSSINRthrr	nbrUserThrFDS
aperiodicCQIuserListMaxSizeInULS	periodicBSRtimer
aperiodicCQIuserListPHRthr	periodicPHRtimer
aperiodicCQIuserListUpdatePeriod	prohibitPHRtimer
deltaNbrUserThrFDS	retxBSRtimer
deltaSinrThrFSS	sinrThrFSS
dlPathlossChangeForPHRreporting	sRSsinrCorrectionUponSRSdrop
forceAllFDusersIntoHighMobilityState	timeAlignmentTimerCommon
id	timeAlignmentTimerDedicated
initialULPathlossEstimate	ulSchedPropFairAlphaFactor
maxHARQtx	ulSchedulerMode
maxNbrULFSUsers	userUplinkClassificationPeriod

Table 40-2 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
Displayed name	aperiodicCQIuserListFDSINRthr (General)
Impact	Partial reset

(1 of 2)

Name	Value
Maximum	20
Minimum	-15
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

(2 of 2)

Table 40-3 aperiodicCQIuserListFSSINRthrr

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	aperiodicCQIuserListFSSINRthrr (General)
Impact	Partial reset
Maximum	20
Minimum	-15
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 40-4 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
Maximum	60
Minimum	0
Type	Integer

Table 40-5 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
Maximum	20
Minimum	0
Type	Integer

Table 40-6 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
Type	AperiodicCQIuserListUpdatePeriodEnum

Table 40-7 deltaNbrUserThrFDS

Name	Value
Default	10
Description	Hystereris 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
Maximum	200
Minimum	0
Type	Integer

Table 40-8 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
Maximum	10
Minimum	0
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 40-9 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
Type	DlPathlossChangeForPHRreportingEnum
Units	dB

Table 40-10 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
Type	Boolean

Table 40-11 id

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

Table 40-12 initialULPathlossEstimate

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

Table 40-13 maxHARQtx

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

Table 40-14 maxNbrULFSUsers

Name	Value
Default	20
Description	Maximum number of users that can be managed by the UL Frequency Selective scheduler

(1 of 2)

Name	Value
Displayed name	maxNbrULFSUsers (General)
Impact	Partial reset
Maximum	200
Minimum	0
Type	Integer

(2 of 2)

Table 40-15 maxNumberOfIterationsAtPreselectionStage

Name	Value
Default	50
Description	Maximum number of iterations allowed at the preselection stage of the UL Dynamic Scheduler.
Displayed name	maxNumberOfIterationsAtPreselectionStage (General)
Impact	Partial reset
Maximum	200
Minimum	1
Type	Integer

Table 40-16 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
Maximum	200
Minimum	0
Type	Integer

Table 40-17 periodicBSRtimer

Name	Value
Default	sf5
Description	timer used to trigger periodic transmission of Buffer Status Report MAC control elements, as per 36.321

(1 of 2)

Name	Value
Displayed name	periodicBSRtimer (General)
Impact	Partial reset
Type	PeriodicBSRtimerEnum
Units	ms

(2 of 2)

Table 40-18 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
Type	PeriodicPHRtimerEnum
Units	ms

Table 40-19 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
Type	ProhibitPHRtimerEnum
Units	ms

Table 40-20 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

(1 of 2)

Name	Value
Type	RetxBSRtimerEnum
Units	ms

(2 of 2)

Table 40-21 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
Maximum	20
Minimum	-15
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 40-22 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
Maximum	10
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 40-23 timeAlignmentTimerCommon

Name	Value
Default	sf2560
Description	Time alignment timer value broadcast on SIB2 and used by the UE as per 36.321.

(1 of 2)

Name	Value
Displayed name	timeAlignmentTimerCommon (General)
Impact	Partial reset
Type	TimeAlignmentTimerEnum
Units	ms

(2 of 2)

Table 40-24 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
Type	TimeAlignmentTimerEnum
Units	ms

Table 40-25 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
Maximum	1
Minimum	0
Step	0.5
Type	IP address exclusively (hostname not allowed)

Table 40-26 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;

(1 of 2)

Name	Value
Displayed name	ulSchedulerMode (General)
Impact	Partial reset
Type	UlSchedulerModeEnum

(2 of 2)

Table 40-27 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
Maximum	2000
Minimum	20
Type	Integer

41 — CellL2ULConfTDD

Table 41-1 CellL2ULConfTDD parameters

Parameters	
alphaForTNP	puschHoppingType1Pattern
expectedNumberOfUEPerTTIForULRR	puschHoppingTypeConfig
id	puschNumberOfSubbands
lowestTNP	ulBasicSchedulingMode
percentageThresholdForULRR	ulSpeedThresholdBetweenPUSCHNoHoppingAndHopping

Table 41-2 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: measuredTNP(n) = (1-alpha)*measuredTNP(n-1) +alpha*TNP(n)
Displayed name	alphaForTNP (General)
Impact	Partial reset
Maximum	16384
Minimum	0
Type	Integer

Table 41-3 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
Maximum	32
Minimum	1
Type	Integer
Unset supported	Yes

Table 41-4 id

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

Table 41-5 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(measured value + 10log(NbrOfPrbUL), lowestTNP + 10log(NbrOfPrbUL)).
Displayed name	lowestTNP (General)
Impact	Partial reset
Maximum	-60
Minimum	-150
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dBm

Table 41-6 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
Maximum	1
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Unset supported	Yes

Table 41-7 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
Type	PuschHoppingType1PatternEnum
Unset supported	Yes

Table 41-8 puschHoppingTypeConfig

Name	Value
Default	no_hopping
Description	The parameter to configue 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
Type	PuschHoppingTypeConfigEnum

Table 41-9 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
Maximum	4
Minimum	1
Type	Integer
Unset supported	Yes

Table 41-10 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
Type	BasicSchedulingModeEnum

Table 41-11 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
Maximum	120
Minimum	-1
Type	Integer
Units	km/hr
Unset supported	Yes

42 — Cell

Table 42-1 Cell parameters

Parameters	
additionalSpectrumEmission	lteCellPositionLongitude
azimuth	lteNeighboringFreqsConfId
cellBarred	mbsfnCellConfId
cellDLTotalPower	modificationPeriodCoeff
cellRadius	nB
cellReservedForOperatorUse	numberOfDLAntennas
cellSize	numberOfDLAntennas_V2_1
defaultPagingCycle	numberOfULAntennas
dlBandwidth	omnidirectional
dlEARFCN	operationalMode
frequencyBandIndicator	physicalLayerCellIdentityGroupIndex
gpsFrameOffset	physicalLayerCellIdentityIndex
id	plmnMobileCountryCode
isMBMSBearerServiceCountingAllowed	plmnMobileNetworkCode
l1MeasurementConfId	presenceAntennaPort1
l2MeasurementConfId	rdnId
loadTargetForOCNS	relativeCellIdentity
loadTargetForOCNSonPDCCH	relativeCellIdentityUntil_V2_x
loadTargetForOCNSonPDSCH	resourceBlockPersistentAreaEnd
lteCellPositionLatitude	resourceBlockPersistentAreaStart
rrcMeasurementConfId	spare5
searchWindowSizeSIB8	spare6
sectorNumber	spare7
sib2Periodicity	spare8
sib3Periodicity	spare9
sib4Periodicity	srsEnabled
sib5Periodicity	syncShiftBetweenCell
sib6Periodicity	trackingAreaCode
sib7Periodicity	transmissionMode
sib8Periodicity	ul700MHzUpperCBlockEnabled
spare0	ulBandwidth
spare1	ulEARFCN
spare2	ulMIMOenabled
spare3	utraFddNeighboringCellRelationIdList
spare4	utraTddNeighboringCellRelationIdList

Table 42-2 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

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 42-3 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	IP address exclusively (hostname not allowed)
Units	deg

Table 42-4 cellBarred

Name	Value
Default	notBarredAutoBarrable
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
Type	CellBarredEnum

Table 42-5 cellDLTotalPower

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

(1 of 2)

Name	Value
Type	IP address exclusively (hostname not allowed)
Units	dBm

(2 of 2)

Table 42-6 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
Maximum	14
Minimum	0
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	km

Table 42-7 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
Type	CellReservationEnum

Table 42-8 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
Type	CellSizeEnum

Table 42-9 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
Type	DefaultPagingCycleEnum

Table 42-10 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
Type	SystemBandwidthEnum

Table 42-11 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
Maximum	29649
Minimum	0
Type	Integer

Table 42-12 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
Type	FrequencyBandEnum

Table 42-13 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
Maximum	38399
Minimum	0
Type	Integer
Units	Tc

Table 42-14 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 42-15 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.
Impact	No reset
Type	Boolean

Table 42-16 l1MeasurementConfId

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
Type	STRING

Table 42-17 l2MeasurementConfId

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
Type	STRING

Table 42-18 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
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 42-19 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)

(1 of 2)

Name	Value
Impact	Partial reset
Maximum	100
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	%

(2 of 2)

Table 42-20 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	Partial reset
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 42-21 lteCellPositionLatitude

Name	Value
decimals	3
Description	Latitude position of the lteCell in the WGS84 reference frame measured form 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	0.001
Type	IP address exclusively (hostname not allowed)
Units	deg

Table 42-22 lteCellPositionLongitude

Name	Value
decimals	3
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	0.001
Type	IP address exclusively (hostname not allowed)
Units	deg

Table 42-23 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 42-24 mbsfnCellConfId

Name	Value
Description	This parameter allows a cell to point on a eMBMS static scheduling profile.
Impact	Partial reset
Type	STRING
Unset supported	Yes

Table 42-25 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)

(1 of 2)

Name	Value
Impact	Partial reset
Type	ModificationPeriodCoeffEnum

(2 of 2)

Table 42-26 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
Type	NBEnum

Table 42-27 numberOfDLAntennas

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

Table 42-28 numberOfDLAntennas_V2_1

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

Table 42-29 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
Type	NumberOfULAntennasEnum

Table 42-30 omnidirectional

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

Table 42-31 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
Type	OperationalModeEnum

Table 42-32 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
Maximum	167

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Name	Value
Minimum	0
Type	Integer
Unset supported	Yes

(2 of 2)

Table 42-33 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
Maximum	2
Minimum	0
Type	Integer
Unset supported	Yes

Table 42-34 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
Maximum	3
Minimum	3
Type	MobileCountryCode

Table 42-35 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
Maximum	3
Minimum	2
Type	STRING

Table 42-36 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
Type	Boolean

Table 42-37 rdnId

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

Table 42-38 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
Maximum	255
Minimum	0
Type	Integer

Table 42-39 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
Maximum	8
Minimum	8
Type	STRING

Table 42-40 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
Maximum	99
Minimum	1
Type	Integer

Table 42-41 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
Maximum	98
Minimum	0
Type	Integer

Table 42-42 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
Type	STRING

Table 42-43 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
Maximum	15
Minimum	0
Type	Integer
Unset supported	Yes

Table 42-44 sectorNumber

Name	Value
Description	contains the number of the sector supporting this LTE Cell.
Export	no
Impact	Partial reset
Maximum	6
Minimum	1
Type	Integer

Table 42-45 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
Type	SibPeriodicityEnum

Table 42-46 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
Type	SibPeriodicityEnum

Table 42-47 sib4Periodicity

Name	Value
Default	rf128
Description	Periodicity of SystemInformationBlockType4, as defined in TS 36.331 and broadcast in SystemInformationBlockType1
Displayed name	sib4Periodicity (Cell Periodicity)

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Name	Value
Impact	No reset
Type	SibPeriodicityEnum

(2 of 2)

Table 42-48 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
Type	SibPeriodicityEnum

Table 42-49 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
Type	SibPeriodicityEnum

Table 42-50 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
Type	SibPeriodicityEnum

Table 42-51 sib8Periodicity

Name	Value
Default	rf128
Description	Periodicity of SystemInformationBlockType8, as defined in TS 36.331 and broadcast in SystemInformationBlockType1
Displayed name	sib8Periodicity (Cell Periodicity)
Impact	No reset
Type	SibPeriodicityEnum

Table 42-52 spare0

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

Table 42-53 spare1

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare1 (Cell Periodicity)
Impact	Partial reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 42-54 spare2

Name	Value
Default	0
Description	Spare parameter for further extensions

(1 of 2)

Name	Value
Displayed name	spare2 (Cell Periodicity)
Impact	Partial reset
Maximum	4294967295
Minimum	0
Type	Long integer

(2 of 2)

Table 42-55 spare3

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

Table 42-56 spare4

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

Table 42-57 spare5

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare5 (Cell Periodicity)
Impact	Partial reset

(1 of 2)

Name	Value
Maximum	4294967295
Minimum	0
Type	Long integer

(2 of 2)

Table 42-58 spare6

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

Table 42-59 spare7

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

Table 42-60 spare8

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare8 (Cell Periodicity)
Impact	No reset
Maximum	4294967295

(1 of 2)

Name	Value
Minimum	0
Type	Long integer

(2 of 2)

Table 42-61 spare9

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

Table 42-62 srsEnabled

Name	Value
Default	true
Description	Parameter to enable/disable SRS per UE.
Displayed name	srsEnabled (General)
Impact	Partial reset
Type	Boolean

Table 42-63 syncShiftBetweenCell

Name	Value
Default	0
Description	The synchronization between cell
Displayed name	syncShiftBetweenCell (General)
Impact	No reset
Maximum	14
Minimum	0
Type	Integer

Table 42-64 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
Maximum	16
Minimum	16
Type	STRING

Table 42-65 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
Type	TransmissionModeEnum

Table 42-66 ul700MHzUpperCBlockEnabled

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

Table 42-67 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
Type	SystemBandwidthEnum

Table 42-68 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
Maximum	29649
Minimum	13000
Type	Integer

Table 42-69 ulMIMOenabled

Name	Value
Default	false
Description	Switch to enable UL MIMO
Displayed name	ulMIMOenabled (General)
Impact	Partial reset
Type	Boolean

Table 42-70 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 UtraFddNeighboringCellRelation MO that must be considered when the UE is handled on this cell. This parameter is used for blind PS HO. Each utraFddNeighboringCellRelationId 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
Type	generic.StringList
Unset supported	Yes

Table 42-71 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 UtraTddNeighboringCellRelation MO that must be considered when the UE is handled on this cell. This parameter is used for blind PS HO. Each utraTddNeighboringCellRelationId 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
Type	generic.StringList
Unset supported	Yes

43 — CellMIMOConf

Table 43-1 CellMIMOConf parameters

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

Table 43-2 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
Type	Boolean

Table 43-3 dlMIMODefaultCodeBook

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

Table 43-4 dlMimoSinrSwitchAveragingCoefficient

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

Table 43-5 dlSinrThresholdBetweenCLMimoAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode in dB
Displayed name	dlSinrThresholdBetweenCLMimoAndTxDiv (General)
Impact	Partial reset
Maximum	30
Minimum	-10
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 43-6 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

(1 of 2)

Name	Value
Maximum	30
Minimum	-10
Type	IP address exclusively (hostname not allowed)
Units	dB

(2 of 2)

Table 43-7 dlSinrThresholdBetweenOLMimoAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode in dB
Displayed name	dlSinrThresholdBetweenOLMimoAndTxDiv (General)
Impact	Partial reset
Maximum	30
Minimum	-10
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 43-8 dlSpeedThresholdBetweenCLMimoAndTxDiv

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

Table 43-9 dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer

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

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 43-10 dlSpeedThresholdBetweenOLMimoAndTxDiv

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

Table 43-11 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
Maximum	120
Minimum	0
Type	Integer

Table 43-12 id

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

Table 43-13 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
Maximum	0
Minimum	-150
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 43-14 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
Maximum	100
Minimum	2
Type	Integer

Table 43-15 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
Maximum	300
Minimum	0
Type	Integer
Units	dB

Table 43-16 ulMIMOULPLDthresholdFlag

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

Table 43-17 ulMIMOULPLthreshold

Name	Value
Default	0
Description	defines UL path loss threshold for UL MIMO
Displayed name	ulMIMOULPLthreshold (General)
Impact	Partial reset
Maximum	0
Minimum	-150
Step	0.1
Type	IP address exclusively (hostname not allowed)

44 — CellRachConfFDD

Table 44-1 CellRachConfFDD parameters

Parameters	
id	prachConfigurationIndex
maxHARQmsg3Tx	rACHMessage3NumberOfPRBs

Table 44-2 id

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

Table 44-3 maxHARQmsg3Tx

Name	Value
Default	3
Description	Defines maximum number of UL transmissions for RACH message 3
Displayed name	maxHARQmsg3Tx (General)

(1 of 2)

Name	Value
Impact	Partial reset
Maximum	8
Minimum	1
Type	Integer

(2 of 2)

Table 44-4 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
Maximum	63
Minimum	0
Type	Integer

Table 44-5 rACHMessage3NumberOfPRBs

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

45 — CellRachConf

Table 45-1 CellRachConf parameters

Parameters	
cCCHSRB0SubFrameNumber	preambleInitialReceivedTargetPower
contentionFreeRACHenabled	preambleTransMax
highSpeedFlag	preambleTransmitPowerStepSize
id	rABackoff
macContentionResolutionTimer	rACHMessage3MCSIndex
maxHARQmsg3Tx	rACHMessage3NumberOfPRBs
maximumNumberOfDLTransmisionsRACHMessage4	rACHMessage3StartingPRBIndex
maxRACHTransmitPower	rachMsg2ForceMCSmin
minRACHTransmitPower	rachMsg4ForceMCSmin
numberOfRAPreambles	raResponseWindowSize
prachConfigurationIndex	rootSequenceIndex
prachFrequencyOffset	tPCRACHMsg3
pRACHpowerSetting	zeroCorrelationZoneConfig
pRACHPreambleDetectorThreshold	

Table 45-2 cCCHSRB0SubFrameNumber

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

(1 of 2)

Name	Value
Maximum	9
Minimum	0
Type	Integer

(2 of 2)

Table 45-3 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
Type	Boolean

Table 45-4 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
Type	Boolean

Table 45-5 id

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

Table 45-6 macContentionResolutionTimer

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

Table 45-7 maxHARQmsg3Tx

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

Table 45-8 maximumNumberOfDLTransmisionsRACHMessage4

Name	Value
Default	8
Description	Maximum of HARQ transmissions attempts for RACH Message 4
Displayed name	maximumNumberOfDLTransmisionsRACHMessage4 (General)
Impact	Partial reset
Maximum	8
Minimum	1
Type	Integer

Table 45-9 maxRACHTransmitPower

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

(1 of 2)

Name	Value
Displayed name	maxRACHTransmitPower (General)
Impact	Partial reset
Maximum	30
Minimum	-60
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dBm

(2 of 2)

Table 45-10 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
Maximum	30
Minimum	-60
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dBm

Table 45-11 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
Maximum	64
Minimum	56
Step	4
Type	Integer

Table 45-12 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
Maximum	63
Minimum	0
Type	Integer

Table 45-13 prachFrequencyOffset

Name	Value
Default	2
Description	Defines the frequency offset for PRACH transmission.
Displayed name	prachFrequencyOffset (General)
Impact	Partial reset
Maximum	99
Minimum	0
Type	Integer
Units	PRB

Table 45-14 pRACHpowerSetting

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

Table 45-15 pRACHPreambleDetectorThreshold

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

Table 45-16 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
Type	PreambleInitialReceivedTargetPowerEnum

Table 45-17 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
Type	PreambleTransMaxEnum

Table 45-18 preambleTransmitPowerStepSize

Name	Value
Default	dB6
Description	defines preamble transmit power step size. Ranges [0,2,4,6] dB.
Displayed name	preambleTransmitPowerStepSize (General)

(1 of 2)

Name	Value
Impact	No reset
Type	RACHpreambleTxPowerStepSizeEnum

(2 of 2)

Table 45-19 rABackoff

Name	Value
Default	6
Description	defines RA backoff parameter
Displayed name	rABackoff (General)
Impact	Partial reset
Maximum	12
Minimum	0
Type	Integer

Table 45-20 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 0â|3.
Displayed name	rACHMessage3MCSIndex (General)
Impact	Partial reset
Maximum	4
Minimum	0
Type	Integer

Table 45-21 rACHMessage3NumberOfPRBs

Name	Value
Default	2
Description	Number of PRBs for RACH message 3
Displayed name	rACHMessage3NumberOfPRBs (General)
Impact	Partial reset
Maximum	2

(1 of 2)

Name	Value
Minimum	1
Type	Integer

(2 of 2)

Table 45-22 rACHMessage3StartingPRBIndex

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

Table 45-23 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)
Impact	Partial reset
Maximum	9
Minimum	-1
Type	Integer

Table 45-24 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
Maximum	9
Minimum	-1
Type	Integer

(2 of 2)

Table 45-25 raResponseWindowSize

Name	Value
Default	sf8
Description	Defines RA response size, as per 36.321
Displayed name	raResponseWindowSize (General)
Impact	Partial reset
Type	RAresponseWindowSizeEnum

Table 45-26 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
Maximum	837
Minimum	0
Type	Integer

Table 45-27 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
Type	TPCRACHMsg3Enum
Units	dB

Table 45-28 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
Maximum	15
Minimum	0
Type	Integer

46 — CellRachConfTDD

Table 46-1 CellRachConfTDD parameters

Parameters	
adaptiveMsg3PowerControlEnable	pRACHAntennaMode
id	prachConfigurationIndex
maxHARQmsg3Tx	rACHMessage3NumberOfPRBs
pdcchOrderTransMax	receptionOfMsg1Timer
pRACHAntennaConfig	receptionOfMsg3Timer

Table 46-2 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
Type	Boolean

Table 46-3 id

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

Table 46-4 maxHARQmsg3Tx

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

Table 46-5 pdcchOrderTransMax

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

Table 46-6 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
Maximum	8
Minimum	8
Type	STRING
Unset supported	Yes

Table 46-7 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
Type	PRACHAntennaModeEnum
Unset supported	Yes

Table 46-8 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
Maximum	57
Minimum	0
Type	Integer

(2 of 2)

Table 46-9 rACHMessage3NumberOfPRBs

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

Table 46-10 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
Maximum	100
Minimum	10
Type	Integer
Units	ms

Table 46-11 receptionOfMsg3Timer

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

(1 of 2)

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

(2 of 2)

47 — CellReselectionConfGERAN

Table 47-1 CellReselectionConfGERAN parameters

Parameters	
cellReselectionPriority id nccPermitted pMaxGeran	qRxlevmin threshXHigh threshXLow

Table 47-2 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
Maximum	7
Minimum	0
Type	Integer

Table 47-3 id

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

Table 47-4 nccPermitted

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

Table 47-5 pMaxGeran

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

Table 47-6 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 vale * 2 -115)
Displayed name	qRxlevmin (General)
Impact	No reset
Maximum	-25
Minimum	-115
Step	2
Type	Integer
Units	dBm

Table 47-7 threshXHigh

Name	Value
Description	This parameter configures the IE threshX-High included in IE SystemInformationBlockType7
Displayed name	threshXHigh (General)
Impact	No reset
Maximum	31
Minimum	0
Type	Integer
Units	dB

Table 47-8 threshXLow

Name	Value
Description	This parameter configures the IE threshX-Low included in IE SystemInformationBlockType7
Displayed name	threshXLow (General)
Impact	No reset
Maximum	31
Minimum	0
Type	Integer
Units	dB

48 — CellReselectionConfHrpd

Table 48-1 CellReselectionConfHrpd parameters

Parameters	
cellReselectionPriority id	threshXHigh threshXLow

Table 48-2 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
Maximum	7
Minimum	0
Type	Integer

Table 48-3 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 48-4 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 x 10 x log10 Ec/Io) 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
Maximum	0
Minimum	-31.5
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 48-5 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 x 10 x log10 Ec/Io) 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
Maximum	0
Minimum	-31.5
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

49 — CellReselectionConfInterFreq

Table 49-1 CellReselectionConfInterFreq parameters

Parameters	
cellReselectionPriority id offsetFreq qRxLevMin	threshXHigh threshXLow tReselectionEUTRAN

Table 49-2 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
Maximum	7
Minimum	0
Type	Integer

Table 49-3 id

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

Table 49-4 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
Type	OffsetFreqEUTRAEnum
Units	dB

Table 49-5 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
Maximum	-44
Minimum	-140
Step	2
Type	Integer
Units	dBm

Table 49-6 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
Maximum	31
Minimum	0
Type	Integer
Units	dB

Table 49-7 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
Maximum	31
Minimum	0
Type	Integer
Units	dB

Table 49-8 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
Maximum	7
Minimum	0
Type	Integer
Units	s

50 — CellReselectionConfLte

Table 50-1 CellReselectionConfLte parameters

Parameters	
cellReselectionPriority id pMax qRxLevMin	threshXHigh threshXLow tReselectionEUTRAN

Table 50-2 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
Maximum	7
Minimum	0
Type	Integer

Table 50-3 id

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

Table 50-4 pMax

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

Table 50-5 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
Maximum	-44
Minimum	-140
Step	2
Type	Integer
Units	dBm

Table 50-6 threshXHigh

Name	Value
Default	10
Description	This parameter configures: - the IE s-IntraSearch for intrafrquency included in IE SystemInformationBlockType4 for intra-frequency, and, - the IE threshX-High included in IE SystemInformationBlockType5 for inter-frequency. See 3GPP 36.33.
Displayed name	threshXHigh (General)
Impact	No reset
Maximum	31
Minimum	0
Type	Integer
Units	dB

Table 50-7 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
Maximum	31
Minimum	0
Type	Integer
Units	dB

Table 50-8 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.
Displayed name	tReselectionEUTRAN (General)
Impact	No reset
Maximum	7
Minimum	0

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Name	Value
Type	Integer
Units	s

(2 of 2)

51 — CellReselectionConfUtraFdd

Table 51-1 CellReselectionConfUtraFdd parameters

Parameters	
cellReselectionPriority id pMaxUTRA qQualMin	qRxLevMin threshXHigh threshXLow

Table 51-2 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
Maximum	7
Minimum	0
Type	Integer

Table 51-3 id

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

Table 51-4 pMaxUTRA

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

Table 51-5 qQualMin

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

Table 51-6 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 substracting 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
Maximum	-25
Minimum	-119
Step	2
Type	Integer
Units	dBm

Table 51-7 threshXHigh

Name	Value
Description	TS36.331: this parameter configures the threshX-High included in the IE SystemInformationBlockType6
Displayed name	threshXHigh (General)
Impact	No reset
Maximum	31
Minimum	0
Type	Integer
Units	dB

Table 51-8 threshXLow

Name	Value
Description	TS36.331: this parameter configures the threshX-Low included in the IE SystemInformationBlockType6
Displayed name	threshXLow (General)
Impact	No reset
Maximum	31
Minimum	0
Type	Integer
Units	dB

52 — CellReselectionConfUtraTdd

Table 52-1 CellReselectionConfUtraTdd parameters

Parameters	
cellReselectionPriority id pMaxUTRA	qRxLevMin threshXHigh threshXLow

Table 52-2 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
Maximum	7
Minimum	0
Type	Integer

Table 52-3 id

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

Table 52-4 pMaxUTRA

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

Table 52-5 qRxLevMin

Name	Value
Description	TS36.331: this parameter configures the q-RxLevMin included in SystemInformationBlockType6
Displayed name	qRxLevMin (General)
Impact	No reset
Maximum	-13
Minimum	-119
Step	2
Type	Integer
Units	dBm

Table 52-6 threshXHigh

Name	Value
Description	TS36.331: this parameter configures the threshX-High included in SystemInformationBlockType6
Displayed name	threshXHigh (General)
Impact	No reset
Maximum	31
Minimum	0
Type	Integer
Units	dB

Table 52-7 threshXLow

Name	Value
Description	TS36.331: this parameter configures the threshX-Low included in SystemInformationBlockType6
Displayed name	threshXLow (General)
Impact	No reset
Maximum	31
Minimum	0
Type	Integer
Units	dB

53 — CellSelectionReselectionConf

Table 53-1 CellSelectionReselectionConf parameters

Parameters	
cellReselectionPriority	qRxLevMinIntraFreqNeighbour
id	qRxlevminoffset
intraFrequencyReselection	sIntraSearch
measurementBandwidth	sNonIntraSearch
pMax	threshServingLow
qHyst	tReselectionEUTRAN
qRxLevMin	tReselectionUtra

Table 53-2 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
Maximum	7
Minimum	0
Type	Integer

Table 53-3 id

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

Table 53-4 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
Type	IntraFrequencyReselectionEnum

Table 53-5 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
Type	MeasurementBandwidthEnum

Table 53-6 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	No reset

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Name	Value
Maximum	33
Minimum	-30
Type	Integer
Units	dBm

(2 of 2)

Table 53-7 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
Type	QHystEnum
Units	dB

Table 53-8 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
Maximum	-22
Minimum	-140
Step	2
Type	Integer
Units	dBm

Table 53-9 qRxLevMinIntraFreqNeighbour

Name	Value
Description	This parameter specifies the mininum 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
Maximum	-22
Minimum	-140
Step	2
Type	Integer
Units	dBm

Table 53-10 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
Maximum	16
Minimum	1
Step	2
Type	Integer
Units	dB

Table 53-11 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

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Name	Value
Displayed name	sIntraSearch (General)
Impact	No reset
Maximum	62
Minimum	0
Step	2
Type	Integer
Units	dB
Unset supported	Yes

(2 of 2)

Table 53-12 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
Maximum	62
Minimum	0
Step	2
Type	Integer
Units	dB

Table 53-13 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
Maximum	62
Minimum	0

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Name	Value
Step	2
Type	Integer
Units	dB

(2 of 2)

Table 53-14 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
Maximum	7
Minimum	0
Type	Integer
Units	s

Table 53-15 tReselectionUtra

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

54 — ClockSync

Table 54-1 ClockSync parameters

Parameters	
clockSyncSourcePriorityList	ptpClientEnable
gpsClockEnable	sfnPhaseSyncEnable
gpsModeSelect	sfnSyncOption
id	syncEClockEnable

Table 54-2 clockSyncSourcePriorityList

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

Table 54-3 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	No reset
Type	Boolean

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Table 54-4 gpsModeSelect

Name	Value
Default	UnmanagedInternalGPSreceiver
Description	This parameter defines if the eNB uses the internal GPS receiver, or an external reciever, and whether it supports the data link from the receiver in addition to the PPS signal.
Displayed name	gpsModeSelect (General)
Impact	No reset
Type	GpsModeSelectEnum

Table 54-5 id

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

Table 54-6 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	No reset
Type	Boolean

Table 54-7 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
Type	SfnPhaseSyncEnableEnum

Table 54-8 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
Type	SfnSyncOptionEnum

Table 54-9 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
Displayed name	syncEClockEnable (General)
Impact	No reset
Type	Boolean

55 — CodebookSubsetRestriction

Table 55-1 CodebookSubsetRestriction parameters

Parameters	
id n2TxAntennaTm4OneLayerCodebook0 n2TxAntennaTm4OneLayerCodebook1 n2TxAntennaTm4OneLayerCodebook2	n2TxAntennaTm4OneLayerCodebook3 n2TxAntennaTm4TwoLayersCodebook1 n2TxAntennaTm4TwoLayersCodebook2

Table 55-2 id

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

Table 55-3 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
Type	Boolean

Table 55-4 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
Type	Boolean

Table 55-5 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
Type	Boolean

Table 55-6 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)

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Name	Value
Impact	Partial reset
Type	Boolean

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Table 55-7 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
Type	Boolean

Table 55-8 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
Type	Boolean

56 — CPRIPort

Table 56-1 cpriportId

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

57 — CTg

Table 57-1 CTg parameters

Parameters	
callTraceSessionName	isX2Traced
description	listOfTracedCells
id	rrcReestablishmentThreshold
iratHOThreshold	traceDepth
isRRCTraced	traceId
isS1MMETraced	trafficThreshold
isTraceActive	

Table 57-2 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 57-3 description

Name	Value
Description	Optional user friendly description for the call trace session
Displayed name	Description (General)
Maximum	255
Minimum	0
Type	STRING

Table 57-4 id

Name	Value
Description	CTg identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Long integer

Table 57-5 iratHOThreshold

Name	Value
Default	0
Description	Specific IRAT HO threshold value (number of outgoing IRAT HO attemps)
Displayed name	iratHOThreshold (General)
Impact	No reset
Maximum	300000
Minimum	0
Type	Integer

Table 57-6 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
Type	Boolean

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Table 57-7 isS1MMETraced

Name	Value
Default	false
Description	It indicates if the S1-MME interface is traced
Displayed name	isS1MMETraced (General)
Impact	No reset
Type	Boolean

Table 57-8 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
Type	Boolean

Table 57-9 isX2Traced

Name	Value
Default	false
Description	It indicates if the X2 interface is traced
Displayed name	isX2Traced (General)
Impact	No reset
Type	Boolean

Table 57-10 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
Type	generic.StringList

Table 57-11 rrcReestablishmentThreshold

Name	Value
Default	0
Description	Specific RRC threshold value (number of RRC connection reestablishment attemps)
Displayed name	rrcReestablishmentThreshold (General)
Impact	No reset
Maximum	300000
Minimum	0
Type	Integer

Table 57-12 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
Type	TraceDepthEnum

Table 57-13 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 Sessio n 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	traceId (General)
Impact	No reset
Mandatory on creation	Yes
Maximum	16777215
Minimum	1
Type	Integer

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Table 57-14 trafficThreshold

Name	Value
Default	0
Description	Specific traffic threshold value (connected UE percentage)
Displayed name	trafficThreshold (General)
Impact	No reset
Maximum	100
Minimum	0
Type	Integer
Units	%

58 — DedicatedConf

Table 58-1 id

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

59 — DedicatedPowerControlConf

Table 59-1 id

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

60 — DFPeer

Table 60-1 DFPeer parameters

Parameters	
df2Addr df2AddrType df2Port df3Addr	df3AddrType df3Port operationalState

Table 60-2 df2Addr

Name	Value
Default	No default
Displayed name	Address (General)
Mandatory on creation	Yes
Null allowed	no
Type	IP address

Table 60-3 df2AddrType

Name	Value
Default	unknown

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Name	Value
Mandatory on creation	Yes
Type	InetAddressType

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Table 60-4 df2Port

Name	Value
Default	1002
Displayed name	Port (General)
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Long integer

Table 60-5 df3Addr

Name	Value
Default	No default
Displayed name	Address (General)
Mandatory on creation	Yes
Null allowed	no
Type	IP address

Table 60-6 df3AddrType

Name	Value
Default	unknown
Mandatory on creation	Yes
Type	InetAddressType

Table 60-7 df3Port

Name	Value
Default	1003
Displayed name	Port (General)

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Name	Value
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Long integer

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Table 60-8 operationalState

Name	Value
Default	No default
Displayed name	Operational State (General)
Type	OperationalState

61 — DiameterPeerListEntry

Table 61-1 DiameterPeerListEntry parameters

Parameters	
diaProfName peerListAdminState	peerListPort

Table 61-2 diaProfName

Name	Value
Default	default
Mandatory on creation	Yes
Type	STRING

Table 61-3 peerListAdminState

Name	Value
Default	outOfService
Description	Specifies the desired administrative state of this peer.
Displayed name	Peer Administrative State (General)
Type	AdministrativeState

Table 61-4 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

62 — DiameterPeerProfile

Table 62-1 DiameterPeerProfile parameters

Parameters	
appType destRealm diaProfName ifIndex	ifVRtrId loadBalanceEnabled transport

Table 62-2 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 62-3 destRealm

Name	Value
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 62-4 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 62-5 ifIndex

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 62-6 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 62-7 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 62-8 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

63 — DiameterProfile

Table 63-1 DiameterProfile parameters

Parameters	
connTimer	ipTtl
dprFailRetryTime	retryCount
dprRefreshTime	transTimer
dprTimeout	watchdogTimer
ipDscp	

Table 63-2 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 63-3 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 63-4 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 63-5 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 63-6 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 63-7 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 63-8 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 63-9 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 63-10 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

64 — DiameterProxyAgent

Table 64-1 dscFunction

Name	Value
Default	unknown
Description	Type of this object. It can either be PCRF or DPA.
Mandatory on creation	Yes
Type	EpcFunction

65 — DiscoveryLog

Table 65-1 id

Name	Value
Default	1
Description	The discovery log identifier.
Displayed name	Number (General)
Mandatory on creation	Yes
Minimum	1
Type	Long integer

66 — DownlinkMimoFDD

Table 66-1 DownlinkMimoFDD parameters

Parameters	
dlFullCLMimoMode	id

Table 66-2 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
Type	Boolean

Table 66-3 id

Name	Value
Description	DownlinkMimoFDD 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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67 — DownlinkMimo

Table 67-1 DownlinkMimo parameters

Parameters	
dlFullCLMimoMode	dlSinrThresholdBetweenOLMimoAndTxDiv
dlMIMODefaultCodeBook	dlSpeedThresholdBetweenCLMimoAndTxDiv
dlMimoSinrSwitchAveragingCoefficient	dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer
dlSinrThresholdBetweenCLMimoAndTxDiv	dlSpeedThresholdBetweenOLMimoAndTxDiv
dlSinrThresholdBetweenCLMimoOneLayerAndTxDiv	dlSpeedThresholdForDisablingPMI
dlSinrThresholdBetweenCLMimoTwoLayersAndOneLayer	id
dlSinrThresholdBetweenCLMimoTwoLayersAndTxDiv	

Table 67-2 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
Type	Boolean

Table 67-3 dlMIMODefaultCodeBook

Name	Value
Default	1LayerCodebook0
Description	Default codebook used by the DL Scheduler when no PMI received yet from the UE
Displayed name	dlMIMODefaultCodeBook (General)
Impact	Partial reset
Type	DlMIMODefaultCodeBookIndexEnum

Table 67-4 dlMimoSinrSwitchAveragingCoefficient

Name	Value
Default	252
Description	Forgetting factor for MIMO SNR estimation. Value is divided by 256 and substracted from 1 to provide a forgeting factor between 0 and 0,996
Displayed name	dlMimoSinrSwitchAveragingCoefficient (General)
Impact	Partial reset
Maximum	256
Minimum	1
Type	Integer

Table 67-5 dlSinrThresholdBetweenCLMimoAndTxDiv

Name	Value
Default	15.0
Description	Signal to noise ratio threshold for switching mode in dB
Displayed name	dlSinrThresholdBetweenCLMimoAndTxDiv (General)
Impact	Partial reset
Maximum	30
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 67-6 dlSinrThresholdBetweenCLMimoOneLayerAndTxDiv

Name	Value
Default	5.0
Description	Signal to noise ratio threshold for switching mode between CL MIMO 1 layer & TxDiv in dB
Displayed name	dlSinrThresholdBetweenCLMimoOneLayerAndTxDiv (General)
Impact	Partial reset
Maximum	30
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 67-7 dlSinrThresholdBetweenCLMimoTwoLayersAndOneLayer

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	dlSinrThresholdBetweenCLMimoTwoLayersAndOneLayer (General)
Impact	Partial reset
Maximum	30
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 67-8 dlSinrThresholdBetweenCLMimoTwoLayersAndTxDiv

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	dlSinrThresholdBetweenCLMimoTwoLayersAndTxDiv (General)
Impact	Partial reset
Maximum	30
Minimum	-10

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Name	Value
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

(2 of 2)

Table 67-9 dlSinrThresholdBetweenOLMimoAndTxDiv

Name	Value
Default	15.0
Description	Signal to noise ratio threshold for switching mode in dB
Displayed name	dlSinrThresholdBetweenOLMimoAndTxDiv (General)
Impact	Partial reset
Maximum	30
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 67-10 dlSpeedThresholdBetweenCLMimoAndTxDiv

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

Table 67-11 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
Maximum	120
Minimum	0
Type	Integer

(2 of 2)

Table 67-12 dlSpeedThresholdBetweenOLMimoAndTxDiv

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

Table 67-13 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
Maximum	120
Minimum	0
Type	Integer

Table 67-14 id

Name	Value
Description	DownlinkMimo identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

68 — DownlinkMimoTDD

Table 68-1 DownlinkMimoTDD parameters

Parameters	
dlFullCLMimoMode	id

Table 68-2 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
Type	Boolean

Table 68-3 id

Name	Value
Description	DownlinkMimoTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0

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Name	Value
Minimum	0
Type	Integer

(2 of 2)

69 — DscDiameterPeer

Table 69-1 DscDiameterPeer parameters

Parameters	
accountingApps	originRealm
authorizationApps	originStateId
chassisNumber	portNumber
firmwareRevision	productName
hostIpAddresses	vendorId
originHost	vendorSpecificApps

Table 69-2 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 69-3 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 69-4 chassisNumber

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

Table 69-5 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 69-6 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 69-7 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 69-8 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 69-9 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 69-10 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

(2 of 2)

Table 69-11 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 69-12 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 69-13 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

70 — DscPlatformISUState

Table 70-1 DscPlatformISUState parameters

Parameters	
clusterReference	currentState

Table 70-2 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 70-3 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

(2 of 2)

71 — DynamicDebugTrace

Table 71-1 DynamicDebugTrace parameters

Parameters	
dynamicDebugTraceProfile	l1DebugReasonRNTIBCell3
id	l2DebugBlockActivatedCell1
isRRCTraced	l2DebugBlockActivatedCell2
isS1MMETraced	l2DebugBlockActivatedCell3
isTraceActive	l2DebugCRNTIMaskCell1
isX2Traced	l2DebugCRNTIMaskCell2
l1DebugCRNTIMaskCell1	l2DebugCRNTIMaskCell3
l1DebugCRNTIMaskCell2	l2DebugCRNTIValueCell1
l1DebugCRNTIMaskCell3	l2DebugCRNTIValueCell2
l1DebugCRNTIValueCell1	l2DebugCRNTIValueCell3
l1DebugCRNTIValueCell2	l2DebugRach3RNTICCell1
l1DebugCRNTIValueCell3	l2DebugRach3RNTICCell2
l1DebugRach2RNTICCell1	l2DebugRach3RNTICCell3
l1DebugRach2RNTICCell2	l2DebugRach3RNTIDCell1
l1DebugRach2RNTICCell3	l2DebugRach3RNTIDCell2
l1DebugRach2RNTIDCell1	l2DebugRach3RNTIDCell3
l1DebugRach2RNTIDCell2	l2DebugReasonMaskCell1
l1DebugRach2RNTIDCell3	l2DebugReasonMaskCell2
l1DebugReasonMaskCell1	l2DebugReasonMaskCell3
l1DebugReasonMaskCell2	l2DebugReasonRNTIACell1
l1DebugReasonMaskCell3	l2DebugReasonRNTIACell2
l1DebugReasonRNTIACell1	l2DebugReasonRNTIACell3
l1DebugReasonRNTIACell2	l2DebugReasonRNTIBCell1
l1DebugReasonRNTIACell3	l2DebugReasonRNTIBCell2
l1DebugReasonRNTIBCell1	l2DebugReasonRNTIBCell3
l1DebugReasonRNTIBCell2	listOfTracedCells

Table 71-2 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
Type	DynamicDebugTraceProfileEnum

Table 71-3 id

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

Table 71-4 isRRCTraced

Name	Value
Default	false
Description	This parameter indicates if the RRC interface is traced.
Displayed name	isRRCTraced (General)
Impact	No reset
Type	Boolean

Table 71-5 isS1MMETraced

Name	Value
Default	false
Description	This parameter indicates if the S1-MME interface is traced.
Displayed name	isS1MMETraced (General)
Impact	No reset
Type	Boolean

Table 71-6 isTraceActive

Name	Value
Default	false
Description	This parameter activates or deactivates eNodeB dynamic debug trace collection.
Displayed name	isTraceActive (General)
Impact	No reset
Type	Boolean

Table 71-7 isX2Traced

Name	Value
Default	false
Description	This parameter indicates if the X2 interface is traced.
Displayed name	isX2Traced (General)
Impact	No reset
Type	Boolean

Table 71-8 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
Maximum	4
Minimum	0
Type	STRING

Table 71-9 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.

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Name	Value
Displayed name	l1DebugCRNTIMaskCell2 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

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Table 71-10 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
Maximum	4
Minimum	0
Type	STRING

Table 71-11 l1DebugCRNTIValueCell1

Name	Value
Default	DEAD
Description	This parameter defines a value used tor filtering UEs. If l1DebugCRNTIMaskCell1 AND ueRnti = l1DebugCRNTIValueCell1 ; ueRnti is taken into account for L1 debug Trace.
Displayed name	l1DebugCRNTIValueCell1 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-12 l1DebugCRNTIValueCell2

Name	Value
Default	DEAD
Description	This parameter defines a value used tor filtering UEs. If l1DebugCRNTIMaskCell2 AND ueRnti = l1DebugCRNTIValueCell2 ; ueRnti is taken into account for L1 debug Trace.
Displayed name	l1DebugCRNTIValueCell2 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-13 l1DebugCRNTIValueCell3

Name	Value
Default	DEAD
Description	This parameter defines a value used tor filtering UEs. If l1DebugCRNTIMaskCell3 AND ueRnti = l1DebugCRNTIValueCell3; ueRnti is taken into account for L1 debug Trace.
Displayed name	l1DebugCRNTIValueCell3 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-14 l1DebugRach2RNTICCell1

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Displayed name	l1DebugRach2RNTICCell1 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-15 l1DebugRach2RNTICCell2

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Displayed name	l1DebugRach2RNTICCell2 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-16 l1DebugRach2RNTICCell3

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Displayed name	l1DebugRach2RNTICCell3 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-17 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
Maximum	4
Minimum	0
Type	STRING

Table 71-18 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
Maximum	4
Minimum	0
Type	STRING

Table 71-19 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
Maximum	4
Minimum	0
Type	STRING

Table 71-20 l1DebugReasonMaskCell1

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l1DebugReasonMaskCell1 (General)
Impact	No reset
Maximum	8
Minimum	0
Type	STRING

Table 71-21 l1DebugReasonMaskCell2

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l1DebugReasonMaskCell2 (General)
Impact	No reset
Maximum	8
Minimum	0
Type	STRING

Table 71-22 l1DebugReasonMaskCell3

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l1DebugReasonMaskCell3 (General)
Impact	No reset
Maximum	8
Minimum	0
Type	STRING

Table 71-23 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
Maximum	4
Minimum	0
Type	STRING

Table 71-24 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
Maximum	4
Minimum	0
Type	STRING

Table 71-25 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
Maximum	4
Minimum	0
Type	STRING

Table 71-26 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
Maximum	4
Minimum	0
Type	STRING

Table 71-27 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
Maximum	4
Minimum	0
Type	STRING

Table 71-28 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
Maximum	4
Minimum	0
Type	STRING

Table 71-29 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
Maximum	8
Minimum	0
Type	STRING

Table 71-30 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 t o 0 - > block deactivated.
Displayed name	l2DebugBlockActivatedCell2 (General)
Impact	No reset
Maximum	8
Minimum	0
Type	STRING

Table 71-31 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
Maximum	8
Minimum	0
Type	STRING

Table 71-32 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
Maximum	4
Minimum	0
Type	STRING

Table 71-33 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
Maximum	4
Minimum	0
Type	STRING

Table 71-34 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
Maximum	4
Minimum	0
Type	STRING

Table 71-35 l2DebugCRNTIValueCell1

Name	Value
Default	DEAD
Description	This parameter defines a value used tor filtering UEs. If l2DebugCRNTIMaskCell1 AND ueRnti = l2DebugCRNTIValueCell1; ueRnti is taken into account for L2 debug Trace.
Displayed name	l2DebugCRNTIValueCell1 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-36 l2DebugCRNTIValueCell2

Name	Value
Default	DEAD
Description	This parameter defines a value used tor filtering UEs. If l2DebugCRNTIMaskCell2 AND ueRnti = l2DebugCRNTIValueCell2; ueRnti is taken into account for L2 debug Trace.
Displayed name	l2DebugCRNTIValueCell2 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-37 l2DebugCRNTIValueCell3

Name	Value
Default	DEAD
Description	This parameter defines a value used tor filtering UEs. If l2DebugCRNTIMaskCell3 AND ueRnti = l2DebugCRNTIValueCell3; ueRnti is taken into account for L2 debug Trace.
Displayed name	l2DebugCRNTIValueCell3 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-38 l2DebugRach3RNTICCell1

Name	Value
Default	0000
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Displayed name	l2DebugRach3RNTICCell1 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-39 l2DebugRach3RNTICCell2

Name	Value
Default	0000
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message3.
Displayed name	l2DebugRach3RNTICCell2 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-40 l2DebugRach3RNTICCell3

Name	Value
Default	0000
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Displayed name	l2DebugRach3RNTICCell3 (General)
Impact	No reset
Maximum	4
Minimum	0
Type	STRING

Table 71-41 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
Maximum	4
Minimum	0
Type	STRING

Table 71-42 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
Maximum	4
Minimum	0
Type	STRING

Table 71-43 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
Maximum	4
Minimum	0
Type	STRING

Table 71-44 l2DebugReasonMaskCell1

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l2DebugReasonMaskCell1 (General)
Impact	No reset
Maximum	8
Minimum	0
Type	STRING

Table 71-45 l2DebugReasonMaskCell2

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l2DebugReasonMaskCell2 (General)
Impact	No reset
Maximum	8
Minimum	0
Type	STRING

Table 71-46 l2DebugReasonMaskCell3

Name	Value
Default	00000000
Description	This parameter is reserved.
Displayed name	l2DebugReasonMaskCell3 (General)
Impact	No reset
Maximum	8
Minimum	0
Type	STRING

Table 71-47 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
Maximum	4
Minimum	0
Type	STRING

Table 71-48 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
Maximum	4
Minimum	0
Type	STRING

Table 71-49 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
Maximum	4
Minimum	0
Type	STRING

Table 71-50 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
Maximum	4
Minimum	0
Type	STRING

Table 71-51 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
Maximum	4
Minimum	0
Type	STRING

Table 71-52 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
Maximum	4
Minimum	0
Type	STRING

Table 71-53 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
Type	generic.StringList

72 — ENBEquipment

Table 72-1 ENBEquipment parameters

Parameters	
aldPresent	enbPositionLongitude
aliasName	id
aliasNameReadable	maxTransportFiberDelayLengthCategory
bsTopology	oAMlinkAdministrativeState
clockSynchronisationSource	rdnId
clusterId	timeZone
enbPositionLatitude	userSpecificInfo

Table 72-2 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 72-3 aliasName

Name	Value
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 72-4 aliasNameReadable

Name	Value
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 72-5 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
Type	TopologyEnum

Table 72-6 clockSynchronisationSource

Name	Value
Default	gps_synchronised
Description	Intended synchronisation source for the BSs clock.
Displayed name	clockSynchronisationSource (General)
Impact	No reset
Type	ClockSynchroModeEnum

Table 72-7 clusterId

Name	Value
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...
Displayed name	clusterId (General)
Maximum	252
Minimum	0
Type	STRING

Table 72-8 enbPositionLatitude

Name	Value
decimals	3
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)
Impact	No reset
Maximum	90
Minimum	-90
Step	0.001
Type	IP address exclusively (hostname not allowed)
Units	deg

Table 72-9 enbPositionLongitude

Name	Value
decimals	3
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
Maximum	180
Minimum	-180
Step	0.001
Type	IP address exclusively (hostname not allowed)
Units	deg

Table 72-10 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
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	STRING

Table 72-11 maxTransportFiberDelayLengthCategory

Name	Value
Default	km20
Description	This parameter provides a predefined maximum value for supported fiber delay.
Displayed name	Max Transport (General)
Type	TransportFiberDelayLengthCategory
Units	Km

Table 72-12 oAMlinkAdministrativeState

Name	Value
Default	locked
Description	Represents the administrative state of the link between the OMC and the BTS (or NodeB).
Type	OAMlinkAdministrativeState

Table 72-13 rdnId

Name	Value
Description	ID (rdn) attribute of the Cabinet object instance.
Displayed name	rdnId (General)
Mandatory on creation	Yes
Maximum	65000
Minimum	0
Type	Integer

Table 72-14 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
Type	TimeZoneEnum

Table 72-15 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

73 — ENBEquipmentSpecifics

Table 73-1 ENBEquipmentSpecifics parameters

Parameters	
hwNumber pmcMaxResultStringBlockSize	reset

Table 73-2 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 73-3 pmcMaxResultStringBlockSize

Name	Value
Default	1200
Description	Maximum block size that will be transferred in one request 0...64512 bytes, default is 1200 bytes.

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Name	Value
Maximum	64512
Minimum	1
Type	Integer
Units	bytes

(2 of 2)

Table 73-4 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

74 — EnbFDD

Table 74-1 id

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

75 — ENBIPsecProfile

Table 75-1 ENBIPsecProfile parameters

Parameters	
description	ipsecKeepalivePeriod
displayedName	ipsecPerfectForwardSecrecyOn
eNBIPsecpolicy	ipsecSALifeDurationbytes
eNBpreSharedSecret	ipsecSALifeDurationSec
id	ipv4AddressEnbIPsecTunnel
ikeAuthMethod	ipv4AddressEnbIPsecTunnelType
ikeSALifeDurationSec	ipv4AddressSegIPsecTunnel
ipsecAntiReplayWindowSize	ipv4SubNetMaskEnbIPsecTunnel

Table 75-2 description

Name	Value
Default	
Description	User defined description given to the eNodeB IPsec Profile.
Displayed name	Description (General)
Maximum	255
Minimum	0
Type	STRING

Table 75-3 displayedName

Name	Value
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 75-4 eNBIPsecpolicy

Name	Value
Default	no_IPsec
Description	IPsec policy at eNB end
Displayed name	IPsec Policy (General)
Impact	Full reset
Type	IPsecPolicyEnum

Table 75-5 eNBpreSharedSecret

Name	Value
Default	
Description	Pre-shared secret key
Displayed name	Pre-Shared Secret (General)
Impact	Full reset
Maximum	20
Minimum	0
Type	STRING

Table 75-6 id

Name	Value
Default	0
Description	SAM Identifier for the eNodeB Profile.
Displayed name	Profile ID (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Integer

(2 of 2)

Table 75-7 ikeAuthMethod

Name	Value
Default	preSharedKeys
Description	This parameter uses IKE v2 Authentication method: either preshared keys, or certificates
Displayed name	IKE Authenication Method (General)
Impact	Full reset
Type	IkeAuthMethodEnum

Table 75-8 ikeSALifeDurationSec

Name	Value
Default	28800
Description	Life duration IKE SA in seconds
Displayed name	IKE SA Life Duration (General)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 75-9 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
Maximum	64

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 75-10 ipsecKeepalivePeriod

Name	Value
Default	10
Description	Period IKE keep-alive are sent.
Displayed name	IPsec Keep Alive Period (General)
Impact	Full reset
Maximum	120
Minimum	0
Type	Integer
Units	s

Table 75-11 ipsecPerfectForwardSecrecyOn

Name	Value
Default	true
Description	ON/OFF Perfect Forward Secrecy
Displayed name	IPsec Perfect Forward Secrecy (General)
Impact	Full reset
Type	Boolean

Table 75-12 ipsecSALifeDurationbytes

Name	Value
Default	1620000
Description	Life duration IPsec SA in kbytes
Displayed name	IPsec SA Life Duration (General)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Kbytes/s

Table 75-13 ipsecSALifeDurationSec

Name	Value
Default	28800
Description	Life duration IPsec SA in sec
Displayed name	IPsec SA Life Duration (General)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 75-14 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
Null allowed	Yes
Type	IP address

Table 75-15 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 75-16 ipv4AddressSegIPsecTunnel

Name	Value
Default	0.0.0.0
Description	Outer IP address IPSec tunnel at Security Gateway

(1 of 2)

Name	Value
Displayed name	SEG Address (IPv4) (General)
Impact	Full reset
Null allowed	Yes
Type	IP address

(2 of 2)

Table 75-17 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
Null allowed	Yes
Type	IP address

76 — EnbMobileService

Table 76-1 EnbMobileService parameters

Parameters	
anchorAddressType	anchorIpAddress

Table 76-2 anchorAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 76-3 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
Null allowed	Yes
Type	IP address

77 — ENBNESpecifics

Table 77-1 ENBNESpecifics parameters

Parameters	
autoResetTimer	mTU
cellBarringHysteresisTimer	rrcProcedureDefenceTimer
defaultPagingCycle	s1APProcedureDefenceTimer
dSCP2VlanPriorityEnable	secondNtpServerIpAddress
dSCP2VlanProrityEnable	secondNtpServerIpAddressType
dscpForOAM	secondNtpServerIpAddressv6
dscpForPtpEventMessages	secondNtpServerIpAddressv6Type
dscpForPtpGeneralMessages	sp2DscpMappingEnable
eNBname	spare0
eNodeBfirstHopRouterOAMIpAddr	spare1
eNodeBfirstHopRouterOAMIpAddrType	spare10
eNodeBfirstHopRouterTelecomIpAddr	spare11
eNodeBfirstHopRouterTelecomIpAddrType	spare12
eNodeBtelecomIpAddress	spare13
eNodeBtelecomIpAddressType	spare2
eNodeBtelecomSubNetMask	spare3
eNodeBtelecomSubNetMaskType	spare4
eNodeBtelecomVlanId	spare5
firstNtpServerIpAddress	spare6
firstNtpServerIpAddressType	spare7
firstNtpServerIpAddressv6	spare8
firstNtpServerIpAddressv6Type	spare9
id	timerToWaitForFallbackToPreviousIPversion
ipv4EnbInternalRoutingPrefix	timerToWaitForFallbackToPreviousSWversion
jumboEnable	vLanPriorityForOAM
macroEnbId	vLanPriorityForPtpEventMessages
macroEnbIdUntil_V2_x	vLanPriorityForPtpGeneralMessages
maxNumberOfCallPerEnodeB	x2APProcedureDefenceTimer
maxTimeAllowedForCsfbMobilityAttempt	x2APProcedureDefenseTimer
modeConf	

Table 77-2 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
Maximum	1440
Minimum	20
Type	Integer

(1 of 2)

Name	Value
Units	min
Unset supported	Yes

(2 of 2)

Table 77-3 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
Maximum	60
Minimum	10
Step	10
Type	Integer
Units	s

Table 77-4 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
Type	DefaultPagingCycleEnum

Table 77-5 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)

(1 of 2)

Name	Value
Impact	Full reset
Type	Boolean

(2 of 2)

Table 77-6 dSCP2VlanProrityEnable

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	dSCP2VlanProrityEnable (General)
Impact	Full reset
Type	Boolean

Table 77-7 dscpForOAM

Name	Value
Default	AF11
Description	Diffserv Code Point value to be used for OAM transport.
Displayed name	dscpForOAM (General)
Impact	Full reset
Type	DscpEnum
Unset supported	Yes

Table 77-8 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
Type	DscpEnum
Unset supported	Yes

Table 77-9 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
Type	DscpEnum
Unset supported	Yes

Table 77-10 eNBname

Name	Value
Description	3GGPP 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 77-11 eNodeBfirstHopRouterOAMIpAddr

Name	Value
Default	0.0.0.0
Description	IP address of immediate gateway for L3 routeing 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 routeing 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
Null allowed	Yes
Type	IP address

Table 77-12 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 77-13 eNodeBfirstHopRouterTelecomIpAddr

Name	Value
Default	0.0.0.0
Description	IPv4 address of immediate gateway for L3 routeing 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 routeing 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
Null allowed	Yes
Type	IP address

Table 77-14 eNodeBfirstHopRouterTelecomIpAddrType

Name	Value
Default	ipv4
Description	IPv4 address of immediate gateway for L3 routeing 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 routeing is not reqd for the Telecom traffic, then this parameter should be set to 0.0.0.0.
Type	InetAddressType

Table 77-15 eNodeBtelecomIpAddress

Name	Value
Default	0.0.0.0
Description	Telecom IPv4 address of eNodeB, as used by EPC (and neighbour eNodeBâs) for access to the eNodeB.
Displayed name	eNodeBtelecomIpAddress (IP Info)
Impact	Full reset
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 77-16 eNodeBtelecomIpAddressType

Name	Value
Default	ipv4
Description	Telecom IPv4 address of eNodeB, as used by EPC (and neighbour eNodeBâs) for access to the eNodeB.
Type	InetAddressType
Unset supported	Yes

Table 77-17 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)
Impact	Full reset
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 77-18 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 77-19 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
Maximum	4094
Minimum	2
Type	Integer

Table 77-20 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
Null allowed	Yes
Type	IP address

Table 77-21 firstNtpServerIpAddressType

Name	Value
Default	ipv4
Description	IP address of the first NTP server. The NTP port number is fixed at 123.
Type	InetAddressType

Table 77-22 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
Null allowed	Yes
Type	IP address

Table 77-23 firstNtpServerIpAddressv6Type

Name	Value
Default	ipv6
Description	IP address of the first NTP server. The NTP port number is fixed at 123.
Type	InetAddressType

Table 77-24 id

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

Table 77-25 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
Maximum	18

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Name	Value
Minimum	9
Type	STRING

(2 of 2)

Table 77-26 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
Type	Boolean

Table 77-27 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
Maximum	1048575
Minimum	0
Type	Integer

Table 77-28 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 ECGI.
Displayed name	macroEnbId (General)
Impact	Full reset
Maximum	20
Minimum	20
Type	STRING

Table 77-29 maxNumberOfCallPerEnodeB

Name	Value
Default	60
Description	Defines the max number of users that allowed per eNodeB
Displayed name	maxNumberOfCallPerEnodeB (General)
Impact	Full reset
Maximum	60
Minimum	0
Type	Integer

Table 77-30 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
Maximum	4000
Minimum	500
Type	Integer
Units	ms

Table 77-31 modeConf

Name	Value
Default	FDD
Description	Indicate cell mode in this eNB is TDD or FDD mode
Displayed name	modeConf (General)
Impact	Full reset
Type	ModeConfEnum

Table 77-32 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
Maximum	2000
Minimum	1280
Type	Integer
Units	bytes

Table 77-33 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
Maximum	3000
Minimum	50
Step	10
Type	Integer
Units	ms

Table 77-34 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
Maximum	3000

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Name	Value
Minimum	50
Step	10
Type	Integer
Units	ms

(2 of 2)

Table 77-35 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 77-36 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 77-37 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

(1 of 2)

Name	Value
Null allowed	Yes
Type	IP address
Unset supported	Yes

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Table 77-38 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 77-39 sp2DscpMappingEnable

Name	Value
Default	true
Description	Enables use of mapping of ServiceProfile QoS to DSCP in eNB.
Displayed name	sp2DscpMappingEnable (General)
Impact	Full reset
Mandatory on creation	Yes
Type	Boolean
Unset supported	Yes

Table 77-40 spare0

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare0 (Spare Info)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-41 spare1

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare1 (Spare Info)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-42 spare10

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare10 (Spare Info)
Impact	No reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-43 spare11

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare11 (Spare Info)
Impact	No reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-44 spare12

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare12 (Spare Info)
Impact	No reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-45 spare13

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare13 (Spare Info)
Impact	No reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-46 spare2

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare2 (Spare Info)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-47 spare3

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare3 (Spare Info)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-48 spare4

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare4 (Spare Info)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-49 spare5

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare5 (Spare Info)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-50 spare6

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare6 (Spare Info)
Impact	Partial reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-51 spare7

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare7 (Spare Info)
Impact	Partial reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-52 spare8

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare8 (Spare Info)
Impact	Partial reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-53 spare9

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare9 (Spare Info)
Impact	Partial reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 77-54 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
Maximum	120
Minimum	30
Type	Integer
Units	min

Table 77-55 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
Maximum	120
Minimum	0
Type	Integer
Units	min

Table 77-56 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
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 77-57 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
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 77-58 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
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 77-59 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
Maximum	3000
Minimum	50
Step	10
Type	Integer
Units	ms

Table 77-60 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
Maximum	3000
Minimum	50
Step	10
Type	Integer
Units	ms

78 — EnbRadioConf

Table 78-1 EnbRadioConf parameters

Parameters	
aMPRappliedToSRSin700MHzMode	enforceAMBRvalues
aperiodicCQIrankAveragingCoefficient	fakeSIMO
aperiodicCQISINRAveragingCoefficient	gBRAggregateMaximumCorrectionFactor
aUGprocessDuration	gBRAggregateMinimumCorrectionFactor
aUGtriggerDelayforRACHmsg4	highMobilityDopplerUplinkThr
aUGulBOincreasePeriod	id
aUGulBOincreaseRAmsg4	initialSIRtargetValueForPUSCHnonSemiStaticUsers
aUGulBOincreaseRepetitionNumber	initialSIRtargetValueForPUSCHSemiStaticUsers
aUGulBOincreaseSRB1uponCallSetup	isPrioMetricBiasAllowedForACQIgrants
averageThroughputAveragingCoefficient	kFacqi
cCEspaceMaxOverbookingFactor	lowMobilityDopplerUplinkThr
cQIAveragingCoefficient	mandatoryTpcThresholdRelativeDown
cQIToSINRLookUpTable	mandatoryTpcThresholdRelativeUp
dciFormatSelectorForTPC	maxAperiodicCQIGrantSizeAtMPEstage3
dlGBRClippingFactor	maxFacqi
dlHARQPriorityAveragingCoefficient	maxHARQtxWithoutMGcollisionFor40msMGPattern
dlMBRClippingFactor	maxHARQtxWithoutMGcollisionFor80msMGPattern
dlMCSTransitionTable	maximumGBRDeficitFactor
dlProportionalFairAveragingCoefficient	maximumSIRCorrectionValueForPUSCH
energyMetricSelect	maxNbrOfACQIrequestAtMPEstage0

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Parameters	
maxNbrOfPCQIonPUSCHAtMPEstage0	pHRthresholdFor700MHzZoneB1
maxNbrOfUsersConsideredAtMPEstage1	pHRthresholdFor700MHzZoneB1Until_V2_x
maxNbrOfUsersForStretchingPHlimit	pHRthresholdFor700MHzZoneB2
maxNumberOfMPEiterations	pHRthresholdFor700MHzZoneB2Until_V2_x
mCScorrectionBeforeRACHmsg1And3ForHigherBLERtarget	pHRthresholdFor700MHzZoneC
mCScorrectionBeforeRACHmsg1And3ForLowerBLERtarget	pHRthresholdFor700MHzZoneCUntil_V2_x
mCScorrectionForACQIinHigherBLERcase	prbUsageBeforeRachMsg1or3PHRthreshold
mCScorrectionForACQIinLowerBLERcase	pUCCHDMRSpowerAveragingCoefficient
mCScorrectionForGrantsBeforeRachMsg1or3ForHigherBLERSet point	pUCCHFormat1xDMRSpowerAveragingCoefficient
mCScorrectionForGrantsBeforeRachMsg1or3ForLowerBLERSet point	pUCCHFormat2xDMRSpowerAveragingCoefficient
mCScorrectionForPCQIinHigherBLERcase	pUSCHDMRSINRaveragingCoefficientForDynamicScheduling
mCScorrectionForPCQIinLowerBLERcase	pUSCHDMRSINRaveragingCoefficientForSemiStaticScheduling
mCScorrectionForSmallULPackets	rankAveragingCoefficient
mCScorrectionPCQIguardTime	sEcorrInit
minAmountOfReTxAllowedBeforeRACHmsg1And3	sEcorrMax
minGrantSizeForCQIreporting	sEcorrMin
minHARQtxWithoutMGcollisionFor40msMGPattern	sEcorrStep
minHARQtxWithoutMGcollisionFor80msMGPattern	sEcorrStepForHigherBLER
minimumSIRCorrectionValueForPUSCH	sEcorrStepForLowerBLER
minimumSIRforUEgrantExtension	sIRtargetCorrectionFactorTableForPUSCHsemiStaticUsers
minMCSwithACQI	smallPktHPuschPowerMargin
minMCSwithPCQI	smallPktPuschPRBThr
mPEstage0HARQguardTimeForPCQI	sRSpowerAveragingCoefficient
nbrofPUCCHformat1xMeasurementsNeededForSendingValidPUCCHTPCcmd	sRSpowerForULSyncAveragingCoefficient
nbrofPUCCHformat2xMeasurementsNeededForSendingValidPUCCHTPCcmd	srsSINRInitialValue
noisePowerAveragingCoefficientForULMIMO	srsSINRsyncInitialValue
noiseVarianceMetricSelect	ulMCSTransitionTableForLargePUSCHGrants
noPCQIonPUSCHafterHOtimer	ulMCSTransitionTableForSmallPUSCHGrants
numberofIterationsForTurboDecoder	ulMCSTransitionTablePRBsizeThreshold
numberofULmeasurementsNeededForSendingValidTPCCommandForPUCCH	ulSchedMPEstage3AccountForBO
numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHdynamicMode	ulSyncSINROOStoSyncThreshold
numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHsemiStaticMode	ulSyncSINROOStoSyncTreshold
pathLossAveragingCoefficient	ulSyncSINRsyncToOOSThreshold
peakCEDecodingCapability	ulSyncSINRsyncToOOSTreshold
periodicCQISINRAveragingCoefficient	ulSyncTimer
periodicRIRankAveragingCoefficient	uplinkSIRtargetValueForDynamicPUSCHscheduling
pHRthresholdFor700MHzZoneA	wBSRSsinrForFDHMaveragingCoefficient
pHRthresholdFor700MHzZoneAUntil_V2_x	weightScaleDueToPCQI

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Table 78-2 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
Maximum	20
Minimum	0
Type	Integer
Units	dB

Table 78-3 aperiodicCQIrankAveragingCoefficient

Name	Value
Default	15
Description	forgetting factor for time averaging rank calculation when receiving Aperiodic CQI reports. Value is divided by 256 and substracted from 1 to provide a forgeting factor between 0 and 0,996
Displayed name	aperiodicCQIrankAveragingCoefficient (General)
Impact	Partial reset
Maximum	256
Minimum	1
Type	Integer

Table 78-4 aperiodicCQISINRAveragingCoefficient

Name	Value
Default	252
Description	forgetting factor for time averaging CQI calculation when receiving Aperiodic CQI reports. Value is divided by 256 and substracted from 1 to provide a forgeting factor between 0 and 0,996
Displayed name	aperiodicCQISINRAveragingCoefficient (General)
Impact	Partial reset
Maximum	256
Minimum	1
Type	Integer

Table 78-5 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
Maximum	500
Minimum	0
Step	50
Type	Integer
Units	ms

Table 78-6 aUGtriggerDelayforRACHmsg4

Name	Value
Default	200
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
Maximum	500
Minimum	0
Step	50
Type	Integer
Units	ms

Table 78-7 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

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Name	Value
Maximum	64
Minimum	1
Type	Integer
Units	ms

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Table 78-8 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
Maximum	200
Minimum	0
Type	Integer
Units	bytes

Table 78-9 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
Maximum	10
Minimum	0
Type	Integer

Table 78-10 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.

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Name	Value
Displayed name	aUGulBOincreaseSRB1uponCallSetup (eNodeB Radio Conf)
Impact	Partial reset
Maximum	200
Minimum	0
Type	Integer
Units	bytes

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Table 78-11 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	Full reset
Maximum	16384
Minimum	0
Type	Integer

Table 78-12 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
Maximum	3
Minimum	0
Type	Integer

Table 78-13 cQIAveragingCoefficient

Name	Value
Description	forgetting factor for time averaging CQI calculation. Value is divided by 256 and substracted from 1 to provide a forgeting factor between 0 and 0,996
Displayed name	cQIAveragingCoefficient (eNodeB Radio Conf)
Impact	Full reset
Maximum	256
Minimum	1
Type	Integer

Table 78-14 cQIToSINRLookUpTable

Name	Value
Description	This parameter represents a table, for transforming CQI values into SINR estimated values in dB.
Impact	Partial reset
Type	CQIToSINRLookUpTableType
Units	dB

Table 78-15 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.
Displayed name	dciFormatSelectorForTPC (General)
Impact	Partial reset
Type	DciFormatSelectorForTPCEnum

Table 78-16 dlGBRClippingFactor

Name	Value
Default	2
Description	Multiplied by Downlink Guaranted Bit Rate, this parameter configures the clipping applied by the Downlink Scheduler on the QoS metric computation.
Displayed name	dlGBRClippingFactor (General)
Impact	Partial reset

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Name	Value
Maximum	5
Minimum	1
Type	Integer

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Table 78-17 dlHARQPriorityAveragingCoefficient

Name	Value
Default	128
Description	Weighting factor for Downlink HARQ re-transmission. Value is divided by 256 and substracted from 1 to provide a forgeting factor between 0 and 0,996
Displayed name	dlHARQPriorityAveragingCoefficient (General)
Impact	Partial reset
Maximum	256
Minimum	1
Type	Integer

Table 78-18 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
Maximum	5
Minimum	1
Type	Integer

Table 78-19 dlMCSTransitionTable

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
Type	DlMCSTransitionTableType
Units	dB

Table 78-20 dlProportionalFairAveragingCoefficient

Name	Value
Default	3
Description	forgetting factor for time averaging spectral efficiency calculation in the downlink Scheduler. Value is divided by 256 and substracted from 1 to provbackupide a forgeting factor between 0 and 0,996
Displayed name	dlProportionalFairAveragingCoefficient (General)
Impact	Partial reset
Maximum	256
Minimum	1
Type	Integer

Table 78-21 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
Maximum	1
Minimum	0
Type	Integer

Table 78-22 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
Type	Boolean

Table 78-23 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
Type	FakeSIMOenum

Table 78-24 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
Maximum	4
Minimum	0
Step	0.0078125
Type	IP address exclusively (hostname not allowed)

Table 78-25 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
Maximum	2
Minimum	0
Step	0.0078125
Type	IP address exclusively (hostname not allowed)

Table 78-26 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 subrames respectively.
Impact	Partial reset
Type	HighMobilityDopplerUplinkThrType

Table 78-27 id

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

Table 78-28 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
Displayed name	initialSIRtargetValueForPUSCHnonSemiStaticUsers (eNodeB Radio Conf)
Impact	Full reset
Maximum	25
Minimum	-5
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 78-29 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
Maximum	25
Minimum	-5
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 78-30 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
Type	Boolean

Table 78-31 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
Maximum	2047
Minimum	0
Type	Integer

Table 78-32 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 subrames respectively.
Impact	Partial reset
Type	LowMobilityDopplerUplinkThrType

Table 78-33 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 (measuredUlPower > targetUlPower + threshold). If decided as mandatory, the power of the UE will be decreased
Displayed name	mandatoryTpcThresholdRelativeDown (General)
Impact	Partial reset
Maximum	6
Minimum	0.25
Step	0.25
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-34 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 (measuredUlPower < targetUlPower - threshold). If decided as mandatory, the power of the UE will be increased.
Displayed name	mandatoryTpcThresholdRelativeUp (General)
Impact	Partial reset
Maximum	6
Minimum	0.25
Step	0.25
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-35 maxAperiodicCQIGrantSizeAtMPEstage3

Name	Value
Default	8
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 transmisssion
Displayed name	maxAperiodicCQIGrantSizeAtMPEstage3 (General)
Impact	Partial reset
Type	ValidULgrantSizeEnum

Table 78-36 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
Maximum	10000
Minimum	0
Type	Integer

Table 78-37 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
Maximum	5
Minimum	1
Type	Integer

Table 78-38 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
Maximum	5
Minimum	1
Type	Integer

Table 78-39 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
Maximum	1000
Minimum	0
Step	1000
Type	Integer

Table 78-40 maximumSIRCorrectionValueForPUSCH

Name	Value
Description	Provides information on the maximum SIR target correction value.
Displayed name	maximumSIRCorrectionValueForPUSCH (eNodeB Radio Conf)
Impact	Full reset
Maximum	10
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-41 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
Maximum	10
Minimum	0
Type	Integer

Table 78-42 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
Maximum	10
Minimum	0
Type	Integer

Table 78-43 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
Maximum	255
Minimum	1
Type	Integer

Table 78-44 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
Maximum	16
Minimum	0
Type	Integer
Units	users

Table 78-45 maxNumberOfMPEiterations

Name	Value
Default	6
Description	Max Number Of MPE iterations allowed in one TTI
Displayed name	maxNumberOfMPEiterations (General)
Impact	Partial reset
Maximum	16
Minimum	1
Type	Integer
Units	iterations

Table 78-46 mCScorrectionBeforeRACHmsg1And3ForHigherBLERtarget

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
Type	MCScorrectionBeforeRACHmsg1And3ForHigherBLERtargetType
Units	dB

Table 78-47 mCScorrectionBeforeRACHmsg1And3ForLowerBLERtarget

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
Type	MCScorrectionBeforeRACHmsg1And3ForLowerBLERtargetType
Units	dB

Table 78-48 mCScorrectionForACQIinHigherBLERcase

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	mCScorrectionForACQIinHigherBLERcase (General)
Impact	Partial reset
Maximum	5
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-49 mCScorrectionForACQIinLowerBLERcase

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	mCScorrectionForACQIinLowerBLERcase (General)
Impact	Partial reset
Maximum	5
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-50 mCScorrectionForGrantsBeforeRachMsg1or3ForHigherBLERSetpoint

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
Type	MCScorrectionForGrantsBeforeRachMsg1or3ForHigherBLERSetpointType
Units	dB

Table 78-51 mCScorrectionForGrantsBeforeRachMsg1or3ForLowerBLERSetpoint

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
Type	MCScorrectionForGrantsBeforeRachMsg1or3ForLowerBLERSetpointType
Units	dB

Table 78-52 mCScorrectionForPCQIinHigherBLERcase

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	mCScorrectionForPCQIinHigherBLERcase (General)
Impact	Partial reset
Maximum	5
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-53 mCScorrectionForPCQIinLowerBLERcase

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	mCScorrectionForPCQIinLowerBLERcase (General)
Impact	Partial reset
Maximum	5
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-54 mCScorrectionForSmallULPackets

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	mCScorrectionForSmallULPackets (General)
Impact	Partial reset
Maximum	5
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-55 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
Maximum	4

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Name	Value
Minimum	0
Type	Integer

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Table 78-56 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
Maximum	4
Minimum	0
Type	Integer

Table 78-57 minGrantSizeForCQIreporting

Name	Value
Default	4
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 transmisssion
Displayed name	minGrantSizeForCQIreporting (General)
Impact	Partial reset
Type	ValidULgrantSizeEnum

Table 78-58 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
Maximum	5

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Name	Value
Minimum	1
Type	Integer

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Table 78-59 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
Maximum	5
Minimum	1
Type	Integer

Table 78-60 minimumSIRCorrectionValueForPUSCH

Name	Value
Description	Provides information on the minimum SIR target correction value.
Displayed name	minimumSIRCorrectionValueForPUSCH (eNodeB Radio Conf)
Impact	Full reset
Maximum	10
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-61 minimumSIRforUEgrantExtension

Name	Value
Default	-5
Description	Minimum post IDFT SINR that is considered acceptable to assign an UL grant extension beyond a UEâs power headroom limitation.
Displayed name	minimumSIRforUEgrantExtension (General)
Impact	Partial reset

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Name	Value
Maximum	10
Minimum	-20
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

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Table 78-62 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
Maximum	22
Minimum	0
Type	Integer

Table 78-63 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
Maximum	22
Minimum	0
Type	Integer

Table 78-64 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)

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Name	Value
Impact	Partial reset
Maximum	4
Minimum	0
Type	Integer

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Table 78-65 nbrofPUCCHformat1xMeasurementsNeededForSendingValidPUCCHTPCcmd

Name	Value
Default	10
Description	defines the mininimum 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
Maximum	255
Minimum	1
Type	Integer

Table 78-66 nbrofPUCCHformat2xMeasurementsNeededForSendingValidPUCCHTPCcmd

Name	Value
Default	4
Description	defines the mininimum 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
Maximum	255
Minimum	1
Type	Integer

Table 78-67 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
Maximum	16384
Minimum	0
Type	Integer

Table 78-68 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
Maximum	1
Minimum	0
Type	Integer

Table 78-69 noPCQIonPUSCHafterHOtimer

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
Maximum	630
Minimum	0
Step	10
Type	Integer
Units	ms

Table 78-70 numberofIterationsForTurboDecoder

Name	Value
Default	4
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
Maximum	10
Minimum	1
Type	Integer

Table 78-71 numberofULmeasurementsNeededForSendingValidTPCCommandForPUCCH

Name	Value
Default	8
Description	defines the mininimum number of UL measurement samples to be received between two consecutive non null PUCCH power control commands.
Displayed name	numberofULmeasurementsNeededForSendingValidTPCCommandForPUCCH (eNodeB Radio Conf)
Impact	Full reset
Maximum	255
Minimum	1
Type	Integer

Table 78-72 numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHdynamicMode

Name	Value
Default	50
Description	defines the mininimum 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	Partial reset
Maximum	255
Minimum	1
Type	Integer

Table 78-73 numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHsemiStaticMode

Name	Value
Default	6
Description	defines the mininimum 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
Maximum	255
Minimum	1
Type	Integer

Table 78-74 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
Maximum	16384
Minimum	0
Type	Integer

Table 78-75 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 numberofIterations ForTurboDecoder parameter.
Displayed name	peakCEDecodingCapability (eNodeB Radio Conf)
Impact	Partial reset
Maximum	100000
Minimum	0
Step	125

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Name	Value
Type	Integer
Units	bit/ms

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Table 78-76 periodicCQISINRAveragingCoefficient

Name	Value
Default	252
Description	forgetting factor for time averaging CQI calculation when receiving periodic CQI reports. Value is divided by 256 and substracted from 1 to provide a forgeting factor between 0 and 0,996
Displayed name	periodicCQISINRAveragingCoefficient (eNodeB Radio Conf)
Impact	Partial reset
Maximum	256
Minimum	1
Type	Integer

Table 78-77 periodicRIRankAveragingCoefficient

Name	Value
Default	15
Description	forgetting factor for time averaging rank calculationwhen receiving periodic RI reports. Value is divided by 256 and substracted from 1 to provide a forgeting factor between 0 and 0,996
Displayed name	periodicRIRankAveragingCoefficient (eNodeB Radio Conf)
Impact	Partial reset
Maximum	256
Minimum	1
Type	Integer

Table 78-78 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

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Name	Value
Maximum	58
Minimum	-24
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

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Table 78-79 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
Type	PHRthresholdFor700MHzZoneAType
Units	dB

Table 78-80 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
Maximum	58
Minimum	-24
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-81 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

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Name	Value
Type	PHRthresholdFor700MHzZoneB1Type
Units	dB

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Table 78-82 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
Maximum	58
Minimum	-24
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-83 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
Type	PHRthresholdFor700MHzZoneB2Type
Units	dB

Table 78-84 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.
Displayed name	pHRthresholdFor700MHzZoneC (eNodeB Radio Conf)
Impact	Partial reset
Maximum	58
Minimum	-24

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Name	Value
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

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Table 78-85 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
Type	PHRthresholdFor700MHzZoneCType
Units	dB

Table 78-86 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
Type	PrbUsageBeforeRachMsg1or3PHRthresholdType
Units	dB

Table 78-87 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
Maximum	16384
Minimum	0
Type	Integer

Table 78-88 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
Maximum	16384
Minimum	0
Type	Integer

Table 78-89 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
Maximum	16384
Minimum	0
Type	Integer

Table 78-90 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
Maximum	16384
Minimum	0
Type	Integer

Table 78-91 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
Maximum	16384
Minimum	0
Type	Integer

Table 78-92 rankAveragingCoefficient

Name	Value
Description	forgetting factor for time averaging rank calculation. Value is divided by 256 and substracted from 1 to provide a forgeting factor between 0 and 0,996
Displayed name	rankAveragingCoefficient (eNodeB Radio Conf)
Impact	Full reset
Maximum	256
Minimum	1
Type	Integer

Table 78-93 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
Maximum	10
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-94 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
Maximum	10
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-95 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
Maximum	10
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-96 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
Type	SEcorrStepType
Units	dB

Table 78-97 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 us 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
Type	SEcorrStepForHigherBLERType
Units	dB

Table 78-98 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 us 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
Type	SEcorrStepForLowerBLERType
Units	dB

Table 78-99 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
Type	SIRtargetCorrectionFactorTableForPUSCHsemiStaticUsersType
Units	dB

Table 78-100 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
Maximum	20
Minimum	0
Type	Integer

Table 78-101 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
Maximum	10
Minimum	0
Type	Integer
Units	bytes

Table 78-102 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
Maximum	16384
Minimum	0
Type	Integer

Table 78-103 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
Maximum	16384
Minimum	0
Type	Integer

Table 78-104 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
Maximum	20
Minimum	-15
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-105 srsSINRsyncInitialValue

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	srsSINRsyncInitialValue (eNodeB Radio Conf)
Impact	Partial reset
Maximum	20
Minimum	-15
Step	0.1

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Name	Value
Type	IP address exclusively (hostname not allowed)
Units	dB

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Table 78-106 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	Partial reset
Type	UlMCSTransitionTableForLargePUSCHGrantsType
Units	dB

Table 78-107 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	Partial reset
Type	UlMCSTransitionTableForSmallPUSCHGrantsType
Units	dB

Table 78-108 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	Partial reset
Maximum	100
Minimum	0
Type	Integer

Table 78-109 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
Type	DisabledEnabledEnum

Table 78-110 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	Partial reset
Maximum	10
Minimum	-20
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-111 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
Maximum	10
Minimum	-20
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-112 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	Partial reset
Maximum	10
Minimum	-20
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-113 ulSyncSINRsyncToOOSTreshold

Name	Value
Default	-5
Description	Threshold for transition from In Sync to Out of Sync status in UL scheduler.
Displayed name	ulSyncSINRsyncToOOSTreshold (eNodeB Radio Conf)
Impact	Full reset
Maximum	10
Minimum	-20
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 78-114 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
Maximum	10
Minimum	0
Step	0.1

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Name	Value
Type	IP address exclusively (hostname not allowed)
Units	s

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Table 78-115 uplinkSIRtargetValueForDynamicPUSCHscheduling

Name	Value
Default	4
Description	UL SIR Target Value used for dynamically schedduled PUSCH traffic when Fractional Power control is not enabled.
Displayed name	uplinkSIRtargetValueForDynamicPUSCHscheduling (eNodeB Radio Conf)
Impact	Partial reset
Maximum	25
Minimum	-5
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 78-116 wBSRSsinrForFDHMaveragingCoefficient

Name	Value
Default	2700
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
Maximum	16384
Minimum	0
Type	Integer

Table 78-117 weightScaleDueToPCQI

Name	Value
Default	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)

(1 of 2)

Name	Value
Impact	Partial reset
Maximum	10
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

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79 — EnbRadioConfTDD

Table 79-1 EnbRadioConfTDD parameters

Parameters	
id	mCScorrectionForIRC

Table 79-2 id

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

Table 79-3 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).

(1 of 2)

Name	Value
Displayed name	mCScorrectionForIRC (General)
Impact	Partial reset
Maximum	10
Minimum	-10
Step	0.1
Type	IP address exclusively (hostname not allowed)

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80 — EnbTransportConf

Table 80-1 EnbTransportConf parameters

Parameters	
enbEgressAggregatedFlowCbs	enbEgressTransportBandwidthShapingPercentage
enbEgressAggregatedFlowEbs	id
enbEgressAggregatedFlowEir	ulSchedulingBufferSizeList
enbEgressTransportBandwidth	ulTransportTrafficShapingEnabled

Table 80-2 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
Maximum	1000000
Minimum	0
Type	Integer
Units	Kbytes

Table 80-3 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
Maximum	1000000
Minimum	0
Type	Integer
Units	Kbytes

Table 80-4 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
Maximum	1000000
Minimum	0
Type	Integer
Units	Kb/s

Table 80-5 enbEgressTransportBandwidth

Name	Value
Default	800000
Description	This is normally the eNB transport backhaul bandwith (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
Maximum	2000000
Minimum	0

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Name	Value
Type	Integer
Units	Kb/s

(2 of 2)

Table 80-6 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
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 80-7 id

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

Table 80-8 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
Type	UlSchedulingBufferSizeListType

Table 80-9 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
Type	Boolean

81 — EPCGateway

Table 81-1 EPCGateway parameters

Parameters	
administrativeState	collectStats
bearerGtpuSeqNumber	epcId
bearerGtpuUdpChecksum	groupId
chargingCcReject	mobileNodeName
chargingIgnoreAny	nodeId
chargingIgnoreHome	pccDynamicState
chargingIgnoreRoaming	siteIdAddressType
chargingIgnoreVisiting	type

Table 81-2 administrativeState

Name	Value
Default	inService
Description	Administrative State for the EPC.
Displayed name	Administrative State (General)
Type	AdministrativeState

Table 81-3 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 81-4 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 81-5 chargingCcReject

Name	Value
Default	false
Description	This property is only applicable when modifying an existing object
Displayed name	Reject Charging (Charging)
Type	Boolean

Table 81-6 chargingIgnoreAny

Name	Value
Default	false
Description	This property is only applicable when modifying an existing object
Displayed name	Ignore All (Charging)
Type	Boolean

Table 81-7 chargingIgnoreHome

Name	Value
Default	false
Description	This property is only applicable when modifying an existing object
Displayed name	Ignore Home (Charging)
Type	Boolean

Table 81-8 chargingIgnoreRoaming

Name	Value
Default	false
Description	This property is only applicable when modifying an existing object
Displayed name	Ignore Roaming (Charging)
Type	Boolean

Table 81-9 chargingIgnoreVisiting

Name	Value
Default	false
Description	This property is only applicable when modifying an existing object
Displayed name	Ignore Visiting (Charging)
Type	Boolean

Table 81-10 collectStats

Name	Value
Default	No default
Displayed name	Collect Accounting Statistics (General)
Type	Boolean

Table 81-11 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
Displayed name	EPC ID (General)
Mandatory on creation	Yes
Maximum	8
Minimum	1
Type	Long integer

Table 81-12 groupId

Name	Value
Default	000
Description	Group Id : 3 characters
Displayed name	Group ID (General)
Null allowed	no
Type	STRING

Table 81-13 mobileNodeName

Name	Value
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 81-14 nodeId

Name	Value
Default	000
Description	Node Id : 3 characters
Displayed name	Node ID (General)
Null allowed	no
Type	STRING

Table 81-15 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 81-16 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 81-17 type

Name	Value
Default	none
Displayed name	EPC Subcomponent (General)
Type	EpcTypes

82 — EPSPathComponent

Table 82-1 EPSPathComponent parameters

Parameters	
componentType description endPointASiteId	endPointBSiteId id order

Table 82-2 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 82-3 description

Name	Value
Default	
Displayed name	Description (General)
Type	STRING

Table 82-4 endPointASiteId

Name	Value
Default	0.0.0.0
Description	Site ID of endpoint A.
Mandatory on creation	Yes
Maximum	50
Type	STRING

Table 82-5 endPointBSiteId

Name	Value
Default	0.0.0.0
Description	Site ID of endpoint B.
Mandatory on creation	Yes
Maximum	50
Type	STRING

Table 82-6 id

Name	Value
Default	0
Mandatory on creation	Yes
Minimum	1
Type	Long integer

Table 82-7 order

Name	Value
Default	0
Displayed name	Order (General)
Maximum	30
Minimum	1
Type	Integer

83 — EPSPathDiscoveryHint

Table 83-1 EPSPathDiscoveryHint parameters

Parameters	
description id	selectedForDrillDown type

Table 83-2 description

Name	Value
Default	No default
Displayed name	Description (General)
Maximum	30
Minimum	0
Type	STRING

Table 83-3 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 83-4 selectedForDrillDown

Name	Value
Default	true
Displayed name	High Priority (General)
Type	Boolean

Table 83-5 type

Name	Value
Default	s1u
Displayed name	Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

84 — EPSPathDiscoveryProfile

Table 84-1 EPSPathDiscoveryProfile parameters

Parameters	
description id	type

Table 84-2 description

Name	Value
Default	
Displayed name	Description (General)
Type	STRING

Table 84-3 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	1024
Minimum	1
Type	Long integer

Table 84-4 type

Name	Value
Default	No default
Displayed name	Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

85 — EPSPath

Table 85-1 EPSPath parameters

Parameters	
description	siteIdOnA
id	siteIdOnB
peerIpAddressOnA	symmetry
peerIpAddressOnB	type

Table 85-2 description

Name	Value
Default	
Displayed name	Description (General)
Type	STRING

Table 85-3 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 85-4 peerIpAddressOnA

Name	Value
Default	No default
Mandatory on creation	Yes
Null allowed	no
Type	STRING

Table 85-5 peerIpAddressOnB

Name	Value
Default	No default
Mandatory on creation	Yes
Null allowed	no
Type	STRING

Table 85-6 siteIdOnA

Name	Value
Default	No default
Mandatory on creation	Yes
Null allowed	no
Type	STRING

Table 85-7 siteIdOnB

Name	Value
Default	No default
Mandatory on creation	Yes
Null allowed	no
Type	STRING

Table 85-8 symmetry

Name	Value
Default	undefined
Displayed name	Symmetry (General)
Type	PathSymnmetry

Table 85-9 type

Name	Value
Default	No default
Displayed name	Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

86 — EPSPathSegment

Table 86-1 EPSPathSegment parameters

Parameters	
connectionType description encapType id innerEncapValue	order outerEncapValue segmentType type

Table 86-2 connectionType

Name	Value
Default	No default
Displayed name	Connection Type (General)
Null allowed	no
Type	ConnectionType

Table 86-3 description

Name	Value
Default	
Displayed name	Description (General)

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Name	Value
Maximum	30
Minimum	0
Type	STRING

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Table 86-4 encapType

Name	Value
Default	null
Description	Encapsulation type for the port binded to; null, qEncap, qinq.
Displayed name	Encapsulation Type (General)
Type	EncapType

Table 86-5 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	100
Minimum	1
Type	Long integer

Table 86-6 innerEncapValue

Name	Value
Default	0
Displayed name	Inner Encapsulation Value (General)
Maximum	4095
Minimum	0
Type	Long integer

Table 86-7 order

Name	Value
Default	0
Displayed name	Order (General)
Maximum	30
Minimum	1
Type	Integer

Table 86-8 outerEncapValue

Name	Value
Default	0
Displayed name	Outer Encapsulation Value (General)
Maximum	4095
Minimum	0
Type	Long integer

Table 86-9 segmentType

Name	Value
Default	No default
Displayed name	Segment Type (General)
Null allowed	no
Type	SegmentType

Table 86-10 type

Name	Value
Default	s1u
Mandatory on creation	Yes
Type	ReferencePointType

87 — EPSPeer

Table 87-1 EPSPeer parameters

Parameters	
description	peerTcpPort
epcId	referencePointSiteIdAddressType
peerIpAddress	type
peerIpAddressType	virtualRouterId

Table 87-2 description

Name	Value
Default	
Displayed name	Description (General)
Type	STRING

Table 87-3 epcId

Name	Value
Default	No default
Mandatory on creation	Yes
Null allowed	no
Type	Long integer

Table 87-4 peerIpAddress

Name	Value
Default	No default
Displayed name	Peer IP Address (General)
Mandatory on creation	Yes
Null allowed	no
Type	IP address

Table 87-5 peerIpAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 87-6 peerTcpPort

Name	Value
Default	No default
Displayed name	Peer TCP Port (General)
Mandatory on creation	Yes
Null allowed	Yes
Type	Integer

Table 87-7 referencePointSiteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 87-8 type

Name	Value
Default	No default
Displayed name	Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

Table 87-9 virtualRouterId

Name	Value
Default	No default
Displayed name	Virtual Router ID (General)
Mandatory on creation	Yes
Null allowed	no
Type	Integer

88 — EquipmentStatesSpecifics

Table 88-1 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

89 — ExternalAlarmEntry

Table 89-1 ExternalAlarmEntry parameters

Parameters	
externalAlarmConnectorUsage externalAlarmLabel externalAlarmNumber	externalAlarmPolarityInversion id

Table 89-2 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 89-3 externalAlarmLabel

Name	Value
Description	Textual description for the external alarm. To allow to the operator to assign a free text to the customized alarm.

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Name	Value
Maximum	300
Type	STRING

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Table 89-4 externalAlarmNumber

Name	Value
Description	The number identifying the input relay.
Displayed name	External Alarm Number (General)
Mandatory on creation	Yes
Type	Integer

Table 89-5 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 89-6 id

Name	Value
Minimum	1
Type	Long integer

90 — FbFunction

Table 90-1 FbFunction parameters

Parameters	
id numberOfPoints	xtable ytable

Table 90-2 id

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

Table 90-3 numberOfPoints

Name	Value
Default	2
Description	Number of (X,Y) points used for the definition of the Fb function
Displayed name	numberOfPoints (General)

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Name	Value
Impact	Partial reset
Maximum	10
Minimum	2
Type	Integer

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Table 90-4 xtable

Name	Value
Description	This parameter indicates the X point tables used to define the Fb function.
Impact	Partial reset
Type	XtableType

Table 90-5 ytable

Name	Value
Description	This parameter indicates the Y point tables used to define the Fb function.
Impact	Partial reset
Type	YtableType

91 — FmFunction

Table 91-1 FmFunction parameters

Parameters	
id numberOfPoints	xtable ytable

Table 91-2 id

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

Table 91-3 numberOfPoints

Name	Value
Default	4
Description	Number of (X,Y) points used for the definition of the Fm function
Displayed name	numberOfPoints (General)

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Name	Value
Impact	Full reset
Maximum	10
Minimum	2
Type	Integer

(2 of 2)

Table 91-4 xtable

Name	Value
Description	This parameter indicates the number of X point tables used to define the Fm function.
Impact	Full reset
Type	XtableType

Table 91-5 ytable

Name	Value
Description	This parameter indicates the number of Y point tables used to define the Fm function.
Impact	Full reset
Type	YtableType

92 — FnFunction

Table 92-1 FnFunction parameters

Parameters	
id numberOfPoints	xtable ytable

Table 92-2 id

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

Table 92-3 numberOfPoints

Name	Value
Default	4
Description	Number of (X,Y) points used for the definition of the Fn function
Displayed name	numberOfPoints (General)

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Name	Value
Impact	Partial reset
Maximum	10
Minimum	2
Type	Integer

(2 of 2)

Table 92-4 xtable

Name	Value
Description	This parameter indicates the number of X point tables used to define the Fn function.
Impact	Partial reset
Type	XtableType

Table 92-5 ytable

Name	Value
Description	This parameter indicates the number of Y point tables used to define the Fn function.
Impact	Partial reset
Type	YtableType

93 — FrequencyAndBandwidthFDD

Table 93-1 FrequencyAndBandwidthFDD parameters

Parameters	
dlBandwidth	resourceBlockPersistentAreaEnd
dlEARFCN	resourceBlockPersistentAreaStart
id	ulBandwidth
priorityOfFreq	ulEARFCN

Table 93-2 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
Type	SystemBandwidthEnumDl

Table 93-3 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	Partial reset
Maximum	39649
Minimum	0
Type	Integer

Table 93-4 id

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

Table 93-5 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
Maximum	7
Minimum	0
Type	Integer

Table 93-6 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
Maximum	99
Minimum	1
Type	Integer

(2 of 2)

Table 93-7 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
Maximum	98
Minimum	0
Type	Integer

Table 93-8 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
Type	SystemBandwidthEnumUl

Table 93-9 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)

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Name	Value
Impact	Partial reset
Maximum	39649
Minimum	18000
Type	Integer

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94 — FrequencyAndBandwidthTDD

Table 94-1 FrequencyAndBandwidthTDD parameters

Parameters	
bandwidth dlEARFCN id	priorityOfFreq resourceBlockPersistentAreaEnd resourceBlockPersistentAreaStart

Table 94-2 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
Type	SystemBandwidthEnum

Table 94-3 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)

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Name	Value
Impact	Full reset
Maximum	41589
Minimum	36000
Type	Integer

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Table 94-4 id

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

Table 94-5 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
Maximum	7
Minimum	0
Type	Integer

Table 94-6 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
Maximum	99
Minimum	1
Type	Integer

Table 94-7 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
Maximum	98
Minimum	0
Type	Integer

95 — FRU

Table 95-1 id

Name	Value
Description	This parameter represents the Board Identifier.
Displayed name	id (General)
Mandatory on creation	Yes
Type	Long integer

96 — GeoLocPhaseSync

Table 96-1 id

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

97 — GeranAccessGroup

Table 97-1 id

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

98 — GeranNeighboringCellRelation

Table 98-1 GeranNeighboringCellRelation parameters

Parameters	
arfcn	lac
bandIndicatorGERAN	networkColorCode
baseStationColorCode	networkColourCode
bscAccessId	networkControlOrder
ci	rac
id	rdnId

Table 98-2 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
Maximum	1023
Minimum	0
Type	Integer

Table 98-3 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
Type	BandIndicatorGERANEnum
Unset supported	Yes

Table 98-4 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
Maximum	3
Minimum	3
Type	STRING

Table 98-5 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
Type	STRING

Table 98-6 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
Maximum	4

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Name	Value
Minimum	2
Type	STRING

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Table 98-7 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 98-8 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
Maximum	4
Minimum	2
Type	STRING
Units	hex

Table 98-9 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
Maximum	3
Minimum	3
Type	STRING

Table 98-10 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
Maximum	3
Minimum	3
Type	STRING

Table 98-11 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
Maximum	2
Minimum	2
Type	STRING
Unset supported	Yes

Table 98-12 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
Maximum	2
Minimum	1
Type	STRING
Units	hex

Table 98-13 rdnId

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

99 — GeranNeighboringFreqsConf

Table 99-1 GeranNeighboringFreqsConf parameters

Parameters	
bandGERAN bandIndicatorGERAN geranARFCNList	id priorityOfFreqs

Table 99-2 bandGERAN

Name	Value
Description	This indicates the GERAN band for the ARFCN list.
Displayed name	bandGERAN (General)
Impact	No reset
Type	BandGeranEnum

Table 99-3 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)

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Name	Value
Impact	No reset
Type	BandIndicatorGERANEnum

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Table 99-4 geranARFCNList

Name	Value
Description	This attribute corresponds to a list of GERAN ARFCN
Impact	No reset
Type	GeranARFCNListType

Table 99-5 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 99-6 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
Maximum	7
Minimum	0
Type	Integer

100 —GeranNeighboring

Table 100-1 GeranNeighboring parameters

Parameters	
id	tReselectionGERAN

Table 100-2 id

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

Table 100-3 tReselectionGERAN

Name	Value
Description	This parameter configures the t-ReselectionGERAN included in the IE SystemInformationBlockType7
Displayed name	tReselectionGERAN (General)
Impact	No reset

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Name	Value
Maximum	7
Minimum	0
Type	Integer
Units	s

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101 —GeranSpeedConf

Table 101-1 GeranSpeedConf parameters

Parameters	
id tReselectionGERANSfHigh	tReselectionGERANSfMedium

Table 101-2 id

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

Table 101-3 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
Type	SpeedFactorsHighEnum

Table 101-4 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
Type	SpeedFactorsMediumEnum

102 —GeranSpeedDependentConf

Table 102-1 GeranSpeedDependentConf parameters

Parameters	
id tReselectionGERANSfHigh	tReselectionGERANSfMedium

Table 102-2 id

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

Table 102-3 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
Type	SpeedFactorsHighEnum

Table 102-4 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
Type	SpeedFactorsMediumEnum

103 —GpsTime

Table 103-1 id

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

104 —GtpPrimaryServerListEntry

Table 104-1 GtpPrimaryServerListEntry parameters

Parameters	
echoInterval	primeServerGroupName
gtpPrimaryServerAddr	retries
gtpPrimaryServerAddrType	serverPort
gtpPrimaryServerAdminState	serverPriority
maxRequests	timeout
pathProtocol	

Table 104-2 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 104-3 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 corresponsding 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
Null allowed	no
Type	IP address

Table 104-4 gtpPrimaryServerAddrType

Name	Value
Default	ipv4
Description	The value specifies the type of address represented by gtpPrimaryServerAddr.
Mandatory on creation	Yes
Type	InetAddressType

Table 104-5 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 104-6 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

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Name	Value
Minimum	1
Type	Integer

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Table 104-7 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 104-8 primeServerGroupName

Name	Value
Default	default
Mandatory on creation	Yes
Type	STRING

Table 104-9 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 104-10 serverPort

Name	Value
Default	3386
Description	The value specifies the destination TCP or UDP port number for GTP.

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Name	Value
Displayed name	Server Port (General)
Maximum	65535
Minimum	1
Type	Long integer

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Table 104-11 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 104-12 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

105 —GtpPrimeServerGroupProfile

Table 105-1 GtpPrimeServerGroupProfile parameters

Parameters	
adminState	fileExtension
cf1Limit	filePrivateInfo
cf2Limit	inactiveTimer
deadTime	maxCdrsPerPdu
fileClosureLifeTime	obsoleteTime
fileClosureMaxRecords	primaryCompactFlash
fileClosureSize	queueSize

Table 105-2 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 105-3 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 105-4 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 105-5 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 105-6 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 105-7 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 105-8 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 105-9 fileExtension

Name	Value
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 105-10 filePrivateInfo

Name	Value
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 105-11 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 105-12 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 105-13 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 105-14 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 105-15 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

106 —GtpProfile

Table 106-1 GtpProfile parameters

Parameters	
ipDscp ipTtl keepAlvResp keepAlvRetryCnt	keepAlvTimeout msgReTxRetryCnt msgReTxTimeout

Table 106-2 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 106-3 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 106-4 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 106-5 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 106-6 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 106-7 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 106-8 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

107 —HrpdBandClassConf

Table 107-1 HrpdBandClassConf parameters

Parameters	
bandClass	id

Table 107-2 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
Type	HrpdBandEnum

Table 107-3 id

Name	Value
Description	HrpdBandClassConf 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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108 —HrpdBandClassInfo

Table 108-1 HrpdBandClassInfo parameters

Parameters	
bandClass cellReselectionPriority id	threshXHigh threshXLow

Table 108-2 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
Type	HrpdBandEnum

Table 108-3 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
Maximum	7
Minimum	0
Type	Integer

(2 of 2)

Table 108-4 id

Name	Value
Description	HrpdBandClassInfo identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

Table 108-5 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 x 10 x log10 Ec/Io) in units of 0.5 dB (whose encoding is via enumeration).
Displayed name	threshXHigh (General)
Impact	No reset
Type	HrpdThreshEnum

Table 108-6 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 x 10 x log10 Ec/Io) in units of 0.5 dB (whose encoding is via enumeration).
Displayed name	threshXLow (General)
Impact	No reset
Type	HrpdThreshEnum

109 —HrpdNeighboring

Table 109-1 HrpdNeighboring parameters

Parameters	
hrpdInfoConfigured hrpdPreRegAllowed	id tReselectionCdmaHrpd

Table 109-2 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
Type	Boolean

Table 109-3 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 109-4 id

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

Table 109-5 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
Maximum	7
Minimum	0
Type	Integer
Units	s

110 —HrpdNeighboringPerCarrier

Table 110-1 HrpdNeighboringPerCarrier parameters

Parameters	
frequency id	pnOffsetList

Table 110-2 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
Maximum	2047
Minimum	0
Type	Integer

Table 110-3 id

Name	Value
Description	HrpdNeighboringPerCarrier identifier
Displayed name	id (General)

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

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Table 110-4 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.
Impact	No reset
Type	PnOffsetListType
Units	PN offset

111 —HrpdPreRegInfo

Table 111-1 HrpdPreRegInfo parameters

Parameters	
hrpdPreRegAllowed	id

Table 111-2 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 111-3 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

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112 —HrpdSpeedDependentConf

Table 112-1 HrpdSpeedDependentConf parameters

Parameters	
id tReselectionHrpdSfHigh	tReselectionHrpdSfMedium

Table 112-2 id

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

Table 112-3 tReselectionHrpdSfHigh

Name	Value
Description	This parameter configures the t-ReselectionHrpd-SF included in the IE SystemInformationBlockType8. Parameter "Speed dependent ScalingFactor for TreselectionHrpd" 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
Type	SpeedFactorsHighEnum

Table 112-4 tReselectionHrpdSfMedium

Name	Value
Description	This parameter configures the t-ReselectionHrpd-SF included in the IE SystemInformationBlockType8. Parameter "Speed dependent ScalingFactor for TreselectionHrpd" 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
Type	SpeedFactorsMediumEnum

113 —InterceptionTarget

Table 113-1 InterceptionTarget parameters

Parameters	
contentType peerId	targetId targetType

Table 113-2 contentType

Name	Value
auditable	Yes
Default	iri
Displayed name	Content Type (General)
Mandatory on creation	Yes
Type	InterceptedContentType

Table 113-3 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 113-4 targetId

Name	Value
auditable	Yes
Displayed name	Target ID (General)
Mandatory on creation	Yes
Type	STRING

Table 113-5 targetType

Name	Value
auditable	Yes
Default	imsi
Displayed name	Target Type (General)
Mandatory on creation	Yes
Type	InterceptedTargetType

114 —IpAddress

Table 114-1 IpAddress parameters

Parameters	
ipAddress	ipAddressType

Table 114-2 ipAddress

Name	Value
Default	0.0.0.0
Description	The IP address
Displayed name	IP Address (General)
Mandatory on creation	Yes
Null allowed	Yes
Type	IP address

Table 114-3 ipAddressType

Name	Value
Default	ipv4
Description	The type of the IP address (v6/v4).
Type	InetAddressType

115 —IpPoolBase

Table 115-1 IpPoolBase parameters

Parameters	
routerId	siteIdAddressType

Table 115-2 routerId

Name	Value
Default	1
Mandatory on creation	Yes
Maximum	10240
Minimum	1
Type	Integer

Table 115-3 siteIdAddressType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

116 —IpPoolBinding

Table 116-1 poolName

Name	Value
Default	
Description	specifies the name of this IP address pool
Displayed name	Pool Name (General)
Export	no
Type	STRING

117 —IpPoolEntry

Table 117-1 IpPoolEntry parameters

Parameters	
ipv6AssignedLen isPoolAddrBlock poolAddressType	poolIpAddress poolName prefixLength

Table 117-2 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 117-3 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 117-4 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 117-5 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 117-6 poolName

Name	Value
Default	
Description	specifies the name of this IP address pool
Mandatory on creation	Yes
Type	STRING

Table 117-7 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

118 –IpPool

Table 118-1 IpPool parameters

Parameters	
addressHoldTimer isExclusive	poolId poolName

Table 118-2 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 118-3 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 118-4 poolId

Name	Value
Default	0
Displayed name	IP Pool ID (General)
Mandatory on creation	Yes
Minimum	1
Type	Long integer

Table 118-5 poolName

Name	Value
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

119 —IPsecEnbConf

Table 119-1 IPsecEnbConf parameters

Parameters	
id	ipsecKeepalivePeriod
ikeAuthMethod	ipsecPerfectForwardSecrecyOn
ikeSALifeDurationSec	ipsecSALifeDurationbytes
ipsecAntiReplayWindowSize	ipsecSALifeDurationSec

Table 119-2 id

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

Table 119-3 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
Type	IkeAuthMethodEnum

Table 119-4 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
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 119-5 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 mechanim is disabled.
Displayed name	ipsecAntiReplayWindowSize (General)
Impact	Full reset
Maximum	64
Minimum	0
Type	Integer

Table 119-6 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
Maximum	120
Minimum	0
Type	Integer
Units	s

Table 119-7 ipsecPerfectForwardSecrecyOn

Name	Value
Default	true
Description	This parameter enables or disables Perfect Forward Secrecy.
Displayed name	ipsecPerfectForwardSecrecyOn (General)
Impact	Full reset
Type	Boolean

Table 119-8 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
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Kbytes/s

Table 119-9 ipsecSALifeDurationSec

Name	Value
Default	28800
Description	This parameter specifies the life duration IPsec Security Association, in seconds.
Displayed name	ipsecSALifeDurationSec (General)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

120 —IPsec profile

Table 120-1 IPsec parameters

Parameters	
eNBIPsecpolicy	ikeSALifeDurationsec
eNBouterIPadress	ipsecAntiReplayWindowSize
eNBouterIPadressType	ipsecKeepalivePeriod
eNBoutersubnetmask	ipsecSALifeDurationbytes
eNBoutersubnetmaskType	ipsecSALifeDurationsec
eNBpresharedsecret	segouterIPaddress
id	segouterIPaddressType

Table 120-2 eNBIPsecpolicy

Name	Value
Default	no_IPsec
Description	IPsec policy at eNB end
Displayed name	eNBIPsecpolicy (General)
Impact	Full reset
Type	IPsecPolicyEnum

Table 120-3 eNBouterIPadress

Name	Value
Default	0.0.0.0
Description	Outer IP address IPSec tunnel at eNB
Displayed name	eNBouterIPadress (General)
Impact	Full reset
Null allowed	Yes
Type	IP address

Table 120-4 eNBouterIPadressType

Name	Value
Default	ipv4
Description	Outer IP address IPSec tunnel at eNB
Export	no
Type	InetAddressType

Table 120-5 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
Null allowed	Yes
Type	IP address

Table 120-6 eNBoutersubnetmaskType

Name	Value
Default	ipv4
Description	Subnet mask of outer IP address of IPsec tunnel in eNB
Export	no
Type	InetAddressType

Table 120-7 eNBpresharedsecret

Name	Value
Default	
Description	Pre-shared secret key
Displayed name	eNBpresharedsecret (General)
Impact	Full reset
Maximum	20
Minimum	0
Type	STRING

Table 120-8 id

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

Table 120-9 ikeSALifeDurationsec

Name	Value
Default	28800
Description	Life duration IKE SA in seconds
Displayed name	ikeSALifeDurationsec (General)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 120-10 ipsecAntiReplayWindowSize

Name	Value
Default	32
Description	IPsec Anti Replay Window Size (number of packets). A value of zero means the IPsec anti replay mechanim is disabled.
Displayed name	ipsecAntiReplayWindowSize (General)
Impact	Full reset
Maximum	64
Minimum	0
Type	Integer

Table 120-11 ipsecKeepalivePeriod

Name	Value
Default	10
Description	Period IKE keepalives are sent
Displayed name	ipsecKeepalivePeriod (General)
Impact	Full reset
Maximum	120
Minimum	1
Type	Integer
Units	s

Table 120-12 ipsecSALifeDurationbytes

Name	Value
Default	1620000
Description	Life duration IPsec SA in kbytes
Displayed name	ipsecSALifeDurationbytes (General)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer
Units	KB/s

Table 120-13 ipsecSALifeDurationsec

Name	Value
Default	28800
Description	Life duration IPsec SA in secs
Displayed name	ipsecSALifeDurationsec (General)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer
Units	s

Table 120-14 segouterIPaddress

Name	Value
Default	0.0.0.0
Description	Outer IP address IPSec tunnel at Security Gateway
Displayed name	segouterIPaddress (General)
Impact	Full reset
Null allowed	Yes
Type	IP address

Table 120-15 segouterIPaddressType

Name	Value
Default	ipv4
Description	Outer IP address IPSec tunnel at Security Gateway
Export	no
Type	InetAddressType

121 —IPsecTunnelConf

Table 121-1 IPsecTunnelConf parameters

Parameters	
eNBpreSharedSecret	ipv4SubNetMaskEnbIPsecTunnel
id	ipv4SubNetMaskEnbIPsecTunnelType
ipsecTunnelName	ipv6AddressEnbIPsecTunnel
ipv4AddressEnbIPsecTunnel	ipv6AddressEnbIPsecTunnelType
ipv4AddressEnbIPsecTunnelType	ipv6AddressFirstHopRouter
ipv4AddressFirstHopRouter	ipv6AddressFirstHopRouterType
ipv4AddressFirstHopRouterType	ipv6AddressSegIPsecTunnel
ipv4AddressSegIPsecTunnel	ipv6AddressSegIPsecTunnelType
ipv4AddressSegIPsecTunnelType	ipv6RoutingPrefixLengthEnbIPsecTunnel

Table 121-2 eNBpreSharedSecret

Name	Value
Default	
Description	This parameter configures the Pre-shared secret key.
Displayed name	eNBpreSharedSecret (General)
Impact	Full reset
Maximum	40
Minimum	0
Type	STRING

Table 121-3 id

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

Table 121-4 ipsecTunnelName

Name	Value
Default	
Description	This parameter specifies the name of the IPsec tunnel.
Displayed name	ipsecTunnelName (General)
Impact	Full reset
Maximum	255
Minimum	0
Type	STRING

Table 121-5 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 121-6 ipv4AddressEnbIPsecTunnelType

Name	Value
Default	ipv4
Description	This parameter specifies the outer IP address for the IPSec tunnel at the eNodeB.
Export	no
Type	InetAddressType
Unset supported	Yes

Table 121-7 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 121-8 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 121-9 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)

(1 of 2)

Name	Value
Impact	Full reset
Null allowed	Yes
Type	IP address
Unset supported	Yes

(2 of 2)

Table 121-10 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 121-11 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 121-12 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 121-13 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 121-14 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 121-15 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 121-16 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 121-17 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 121-18 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 121-19 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)

(1 of 2)

Name	Value
Impact	Full reset
Maximum	128
Minimum	0
Type	Integer
Unset supported	Yes

(2 of 2)

122 —Ipv6Address

Table 122-1 Ipv6Address parameters

Parameters	
eNBFirstHopRouterTelecomAddrIPv6 eNBFirstHopRouterTelecomAddrIPv6Type eNBtelecomIpAddressIpv6	eNBtelecomIpAddressIpv6Type id ipRoutingPrefixLengthTelecom

Table 122-2 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
Null allowed	Yes
Type	IP address

Table 122-3 eNBFirstHopRouterTelecomAddrIPv6Type

Name	Value
Default	ipv6
Description	This parameter is used to specify IPv6 address format for eNodeB Telecom
Export	no
Type	InetAddressType

Table 122-4 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
Null allowed	Yes
Type	IP address

Table 122-5 eNBtelecomIpAddressIpv6Type

Name	Value
Default	ipv6
Description	This parameter is used to specify IPv6 address format for eNodeB Telecom
Export	no
Type	InetAddressType

Table 122-6 id

Name	Value
Description	Ipv6Address identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 122-7 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
Maximum	128
Minimum	0
Type	Integer

123 —L1MeasurementConf

Table 123-1 L1MeasurementConf parameters

Parameters	
id l1NoiseAveragingCoefficient	l1SpeedCFOandSignalPowerAveragingCoefficient l1TimingAdvanceAveragingCoefficient

Table 123-2 id

Name	Value
Description	L1MeasurementConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 123-3 l1NoiseAveragingCoefficient

Name	Value
Default	16224
Description	Coefficient for averaging of the sign al and noise powers in L1.
Displayed name	l1NoiseAveragingCoefficient (General)

(1 of 2)

Name	Value
Impact	Partial reset
Maximum	16384
Minimum	0
Step	16
Type	Integer

(2 of 2)

Table 123-4 l1SpeedCFOandSignalPowerAveragingCoefficient

Name	Value
Default	16240
Description	Coeffficient for averaging the speed, CFO (frequency offset correction) and signal power in L1.
Displayed name	l1SpeedCFOandSignalPowerAveragingCoefficient (General)
Impact	Partial reset
Maximum	16384
Minimum	0
Step	16
Type	Integer

Table 123-5 l1TimingAdvanceAveragingCoefficient

Name	Value
Default	16224
Description	Coeffficient for averaging the timing advance in L1.
Displayed name	l1TimingAdvanceAveragingCoefficient (General)
Impact	Partial reset
Maximum	16384
Minimum	0
Step	16
Type	Integer

124 —L1MeasurementConfTDD

Table 124-1 L1MeasurementConfTDD parameters

Parameters	
id l1CFOAveragingCoefficient l1SpeedandSignalPowerAveragingCoefficient	prohibitTATimer tAChangeThreshold

Table 124-2 id

Name	Value
Description	L1MeasurementConfTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 124-3 l1CFOAveragingCoefficient

Name	Value
Default	8192
Description	This parameter specifies the coeffficient for averaging CFO (frequency offset estimate) in L1.
Displayed name	l1CFOAveragingCoefficient (General)
Impact	Partial reset
Maximum	16384
Minimum	0
Step	16
Type	Integer

Table 124-4 l1SpeedandSignalPowerAveragingCoefficient

Name	Value
Default	16224
Description	This parameter specifies the coeffficient for averaging the speed, and signal power in L1.
Displayed name	l1SpeedandSignalPowerAveragingCoefficient (General)
Impact	Partial reset
Maximum	16384
Minimum	0
Step	16
Type	Integer

Table 124-5 prohibitTATimer

Name	Value
Default	500
Description	The minimum interval between two consecutive TA command transmission.
Displayed name	prohibitTATimer (General)
Impact	Partial reset
Maximum	2000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 124-6 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
Maximum	54
Minimum	0
Type	Integer

125 —L2MeasurementConf

Table 125-1 id

Name	Value
Description	L2MeasurementConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

126 —LicenseCheck

Table 126-1 LicenseCheck parameters

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

Table 126-2 id

Name	Value
Description	Capacity MO identifier for licensing feature.
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	1
Type	Integer

Table 126-3 isDlBandwidth10MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 126-4 isDlBandwidth15MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 126-5 isDlBandwidth1MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 126-6 isDlBandwidth20MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 126-7 isDlBandwidth3MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 126-8 isDlBandwidth5MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	Boolean

Table 126-9 isUlBandwidth10MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 126-10 isUlBandwidth15MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 126-11 isUlBandwidth1MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 126-12 isUlBandwidth20MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 126-13 isUlBandwidth3MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 126-14 isUlBandwidth5MhzAllowed

Name	Value
Default	false
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	Boolean

Table 126-15 maxNbOfCallCapacityLicensing

Name	Value
Default	infinite
Description	This capacity token is to identify the maximum numbers of calls allowed.
Displayed name	maxNbOfCallCapacityLicensing (General)
Type	STRING

Table 126-16 transmissionPowerCapacityLicensing

Name	Value
Default	infinite
Description	This capacity token is to identify the transmission power capacity that is allowed.
Displayed name	transmissionPowerCapacityLicensing (General)
Type	STRING

127 —LicenseCheckTDD

Table 127-1 LicenseCheckTDD parameters

Parameters	
id isBandwidth10MhzAllowed isBandwidth15MhzAllowed isBandwidth1MhzAllowed	isBandwidth20MhzAllowed isBandwidth3MhzAllowed isBandwidth5MhzAllowed

Table 127-2 id

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

Table 127-3 isBandwidth10MhzAllowed

Name	Value
Default	false
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

Table 127-4 isBandwidth15MhzAllowed

Name	Value
Default	false
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

Table 127-5 isBandwidth1MhzAllowed

Name	Value
Default	false
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

Table 127-6 isBandwidth20MhzAllowed

Name	Value
Default	false
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

Table 127-7 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

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Table 127-8 isBandwidth5MhzAllowed

Name	Value
Default	false
Description	This parameter indicates a feature token. This feature token is to identify frequency bandwidth allowed.
Type	Boolean

128 —LogicalChannelConf

Table 128-1 LogicalChannelConf parameters

Parameters	
id	spare4
p0UePUSCH	spare5
spare0	spare6
spare1	spare7
spare2	spare8
spare3	spare9

Table 128-2 id

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

Table 128-3 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
Maximum	7
Minimum	-8
Type	Integer
Units	dBm

Table 128-4 spare0

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare0 (General)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 128-5 spare1

Name	Value
Default	0
Description	Spare parameter for further extensions
Displayed name	spare1 (General)
Impact	Full reset
Maximum	4294967295
Minimum	0
Type	Long integer

Table 128-6 spare2

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

Table 128-7 spare3

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

Table 128-8 spare4

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

Table 128-9 spare5

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

Table 128-10 spare6

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

Table 128-11 spare7

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

Table 128-12 spare8

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

Table 128-13 spare9

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

129 —LteCellFDD

Table 129-1 LteCellFDD parameters

Parameters	
id numberOfDLAntennas	numberOfULAntennas transmissionMode

Table 129-2 id

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

Table 129-3 numberOfDLAntennas

Name	Value
Default	2
Description	Indicates 1 or 2 antenna mode for transmitter.
Displayed name	numberOfDLAntennas (General)

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Name	Value
Impact	Partial reset
Maximum	2
Minimum	1
Type	Integer

(2 of 2)

Table 129-4 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
Type	NumberOfULAntennasEnum

Table 129-5 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
Type	TransmissionModeFddEnum

130 —LteCellTDD

Table 130-1 LteCellTDD parameters

Parameters	
antennaPortsCount	numberOfDLAntennas
changeOffsetOfOCNSForPDCCH	numberOfULAntennas
changeOffsetOfOCNSForPDSCH	specialSubframePatterns
changePeriodOfOCNSForPDCCH	subframeAssignment
changePeriodOfOCNSForPDSCH	targetInteferenceLoadOFOCNSForPUSCH
changeWeightOfOCNSForPDSCH	transmissionMode
id	ueNumberForInteferenceLoadOfOCNSForPUSCH
inteferenceIntervalOfOCNSForPUSCH	

Table 130-2 antennaPortsCount

Name	Value
Default	twoports
Description	This parameter configures the antenna port numbers of the Cell Specific Reference Signal.
Displayed name	antennaPortsCount (General)
Impact	Partial reset
Type	AntennaPortsCountEnum

Table 130-3 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
Maximum	10239
Minimum	0
Type	Integer
Units	ms
Unset supported	Yes

Table 130-4 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
Maximum	10239
Minimum	0
Type	Integer
Units	ms
Unset supported	Yes

Table 130-5 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
Maximum	10240
Minimum	0

(1 of 2)

Name	Value
Type	Integer
Units	ms
Unset supported	Yes

(2 of 2)

Table 130-6 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
Maximum	10240
Minimum	0
Type	Integer
Units	ms
Unset supported	Yes

Table 130-7 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
Type	Boolean
Unset supported	Yes

Table 130-8 id

Name	Value
Description	LteCellTDD identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 130-9 inteferenceIntervalOfOCNSForPUSCH

Name	Value
Description	This parameter specifies the maximum allowed RB interval between two Ues for UL inteference load. Its valid range is [0..7].
Displayed name	inteferenceIntervalOfOCNSForPUSCH (General)
Impact	Partial reset
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 130-10 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
Type	NumberOfTddDLAntennasEnum

Table 130-11 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
Type	NumberOfTddULAntennasEnum

Table 130-12 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
Type	SpecialSubframePatternsEnum

Table 130-13 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
Type	SubframeAssignmentEnum

Table 130-14 targetInteferenceLoadOFOCNSForPUSCH

Name	Value
Default	0
Description	This parameter specifies the target inteference load(%) for UL, the valid range is [0..100]0%-100%, other values are reserved.
Displayed name	targetInteferenceLoadOFOCNSForPUSCH (General)
Impact	Partial reset
Maximum	100
Minimum	0
Type	Integer
Units	%

Table 130-15 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
Type	TransmissionModeTddEnum

Table 130-16 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
Maximum	4
Minimum	1
Type	Integer
Unset supported	Yes

131 —LteNeighboringCell

Table 131-1 LteNeighboringCell parameters

Parameters	
cellIndividualOffset id lteCellId qOffsetCell	rdnId remoteLteCellId sibOrMeasObjectUsage

Table 131-2 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
Type	CellOffsetEnum
Units	dB
Unset supported	Yes

Table 131-3 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
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	STRING

Table 131-4 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
Type	STRING
Unset supported	Yes

Table 131-5 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
Type	QOffsetCellEnum
Units	dB
Unset supported	Yes

Table 131-6 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 131-7 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
Type	STRING
Unset supported	Yes

Table 131-8 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
Type	SIBorMeasObjectUsageEnum
Unset supported	Yes

132 —LteNeighboringCellRelation

Table 132-1 LteNeighboringCellRelation parameters

Parameters	
cellIndividualOffset	physicalLayerCellIdentityIndex
discoveredByAnr	plmnMobileCountryCode
id	plmnMobileNetworkCode
macroEnbId	qOffsetCell
macroEnbIdUntil_V2_x	rdnId
measuredByAnr	relativeCellIdentity
noHO	relativeCellIdentityUntil_V2_x
noHoOrReselection	trackingAreaCode
noRemove	x2AccessId
physicalLayerCellIdentityGroupIndex	

Table 132-2 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
Type	CellOffsetEnum
Unset supported	Yes

Table 132-3 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 132-4 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 132-5 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. NOTE : THIS SHOULD BE CHANGED TO AN INT WITH A RANGE OF 0 TO 1048575.
Displayed name	macroEnbId (General)
Mandatory on creation	Yes
Maximum	1048575
Minimum	0
Type	Integer

Table 132-6 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. NOTE : THIS SHOULD BE CHANGED TO AN INT WITH A RANGE OF 0 TO 1048575.
Displayed name	macroEnbId (General)
Mandatory on creation	Yes
Maximum	20
Minimum	20
Type	STRING

Table 132-7 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 132-8 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
Type	Boolean

Table 132-9 noHoOrReselection

Name	Value
Default	false
Description	This flag allows or forbids eNodeB to use the LteNeighboringCellRelation for HO or reselection.

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Name	Value
Displayed name	noHoOrReselection (General)
Impact	No reset
Type	Boolean

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Table 132-10 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
Type	Boolean

Table 132-11 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
Maximum	167
Minimum	0
Type	Integer

Table 132-12 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	No reset
Maximum	2
Minimum	0
Type	Integer

Table 132-13 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 132-14 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 132-15 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	No reset
Type	QOffsetCellEnum
Units	dB
Unset supported	Yes

Table 132-16 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 132-17 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 132-18 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
Minimum	8
Type	STRING

Table 132-19 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
Maximum	16
Minimum	16
Type	STRING

Table 132-20 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

133 —LteNeighboringFreqConfFDD

Table 133-1 LteNeighboringFreqConfFDD parameters

Parameters	
dlEARFCN	id

Table 133-2 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
Maximum	39649
Minimum	0
Type	Integer

Table 133-3 id

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

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Name	Value
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

134 —LteNeighboringFreqConf

Table 134-1 LteNeighboringFreqConf parameters

Parameters	
dlEARFCN id measurementBandwidth neighCellConfig	offsetFreq presenceAntennaPort1 priorityOfFreq

Table 134-2 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
Maximum	41589
Minimum	0
Type	Integer

Table 134-3 id

Name	Value
Description	LteNeighboringFreqConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	8
Minimum	0
Type	Integer

Table 134-4 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
Type	MeasurementBandwidthEnum

Table 134-5 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
Type	NeighCellConfigEnum

Table 134-6 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 Intrafrequecy
Displayed name	offsetFreq (General)
Impact	No reset
Type	OffsetFreqEUTRAEnum
Units	dB

Table 134-7 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 indiicated 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
Type	Boolean

Table 134-8 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
Maximum	7
Minimum	0
Type	Integer

135 —LteNeighboringFreqConfTDD

Table 135-1 LteNeighboringFreqConfTDD parameters

Parameters	
dlEARFCN	id

Table 135-2 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
Maximum	39649
Minimum	36000
Type	Integer

Table 135-3 id

Name	Value
Description	LteNeighboringFreqConfTDD 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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136 —LteNeighboring

Table 136-1 id

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

137 —LteSpeedConf

Table 137-1 LteSpeedConf parameters

Parameters	
id tReselectionEutraSfHigh	tReselectionEutraSfMedium

Table 137-2 id

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

Table 137-3 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
Type	SpeedFactorsHighEnum

Table 137-4 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
Type	SpeedFactorsMediumEnum

138 —LteSpeedDependentConf

Table 138-1 LteSpeedDependentConf parameters

Parameters	
id tReselectionEutraSfHigh	tReselectionEutraSfMedium

Table 138-2 id

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

Table 138-3 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
Type	SpeedFactorsHighEnum

Table 138-4 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
Type	SpeedFactorsMediumEnum

139 —MacConf

Table 139-1 MacConf parameters

Parameters	
hARQMaxNumberOfTransmission hARQMaxTimer id initialMCSIndexForBearerSetup	mIMOMode numberOfRBforVoIP uLBOProfileIndex

Table 139-2 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
Maximum	8
Minimum	1
Type	Integer

Table 139-3 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
Maximum	500
Minimum	1
Type	Integer
Units	ms

Table 139-4 id

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

Table 139-5 initialMCSIndexForBearerSetup

Name	Value
Description	Provides initial Modulation and Coding Scheme to be used at call setup
Displayed name	initialMCSIndexForBearerSetup (General)
Impact	Full reset
Maximum	28
Minimum	0
Type	Integer

Table 139-6 mIMOMode

Name	Value
Description	Provides information about the MIMO mode used for PDSCH
Displayed name	mIMOMode (General)

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Name	Value
Impact	Full reset
Type	MIMOModeEnum

(2 of 2)

Table 139-7 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
Maximum	100
Minimum	2
Type	Integer

Table 139-8 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
Maximum	3
Minimum	0
Type	Integer

140 —MacUlBOProfile

Table 140-1 MacUlBOProfile parameters

Parameters	
id	ulBOperiodicIncreaseEnabled
uLBOIncreaseUponResourceRequest	uLBOPeriodicIncreasePeriod
uLBOInitialValueUponHandover	uLBOProfileName
uLBOMACoverhead	uLBOWeight
uLBOMaxValue	

Table 140-2 id

Name	Value
Description	MacUlBOProfile identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

Table 140-3 uLBOIncreaseUponResourceRequest

Name	Value
Default	500
Description	Systematic BE increase upon receipt of a Scheduling Request
Displayed name	uLBOIncreaseUponResourceRequest (General)
Impact	Full reset
Maximum	20000
Minimum	0
Type	Integer

Table 140-4 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
Maximum	200000
Minimum	0
Type	Integer

Table 140-5 uLBOMACoverhead

Name	Value
Default	3
Description	Estimated average UL MAC overhead per MAC PDU
Displayed name	uLBOMACoverhead (General)
Impact	Full reset
Maximum	10
Minimum	0
Type	Integer

Table 140-6 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
Maximum	200000
Minimum	0
Type	Integer

Table 140-7 ulBOperiodicIncreaseEnabled

Name	Value
Default	disabled
Description	Switch to enable periodic UL BO increase
Displayed name	ulBOperiodicIncreaseEnabled (General)
Impact	Full reset
Type	DisabledEnabledEnum

Table 140-8 uLBOPeriodicIncreasePeriod

Name	Value
Default	5
Description	Period of periodic Buffer Estimate increase when configured. In ms.
Displayed name	uLBOPeriodicIncreasePeriod (General)
Impact	Full reset
Maximum	250
Minimum	1
Type	Integer

Table 140-9 uLBOProfileName

Name	Value
Default	SRB
Description	Text used to explicitely state which type of RB (e.g. SRB, BE, VOiP, GBR) is associated with the profile.
Displayed name	uLBOProfileName (General)
Impact	Full reset
Maximum	255
Minimum	0
Type	STRING

Table 140-10 uLBOWeight

Name	Value
Default	100
Description	Defines the weight used for the computation of the UE UL QoS weigth of the Buffer Occupancy component
Displayed name	uLBOWeight (General)
Impact	Full reset
Maximum	255
Minimum	0
Type	Integer

141 —MbmsBearerService

Table 141-1 MbmsBearerService parameters

Parameters	
gtpTeID	plmnMobileNetworkCode
guaranteedBitRate	qCI
id	serviceId
iPMulticastAddress	serviceName
iPMulticastAddressType	sessionId
iPsourceAddress	syncPeriodDuration
iPsourceAddressType	syncPeriodOffset
plmnMobileCountryCode	

Table 141-2 gtpTeID

Name	Value
Description	This parameter identifies the tunnel GTP used for the service.
Displayed name	gtpTeID (General)
Impact	No reset
Maximum	8
Minimum	8
Type	STRING

Table 141-3 guaranteedBitRate

Name	Value
Default	448
Description	This parameter is the average bit rate of the trasnsmission. 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 141-4 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 141-5 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
Null allowed	Yes
Type	IP address

Table 141-6 iPMulticastAddressType

Name	Value
Default	ipv4
Description	This parameter is an IP address used to multicast the service.
Type	InetAddressType

Table 141-7 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
Null allowed	Yes
Type	IP address

Table 141-8 iPsourceAddressType

Name	Value
Default	ipv4
Description	This parameter is an IP Address of the BMSC that Multicast the service.
Type	InetAddressType

Table 141-9 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
Maximum	3
Minimum	3
Type	STRING

Table 141-10 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
Maximum	3
Minimum	2
Type	STRING

Table 141-11 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 141-12 serviceId

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	serviceId (General)
Impact	Partial reset
Maximum	6
Minimum	3
Type	STRING

Table 141-13 serviceName

Name	Value
Description	This parameter is a free name of the service.
Displayed name	serviceName (General)
Impact	No reset
Maximum	64
Minimum	0
Type	STRING
Unset supported	Yes

Table 141-14 sessionId

Name	Value
Default	00
Description	This parameter identifies the session.
Displayed name	sessionId (General)
Impact	Partial reset
Maximum	2
Minimum	1
Type	STRING
Unset supported	Yes

Table 141-15 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
Maximum	4096
Minimum	4096
Type	Integer
Units	frames

Table 141-16 syncPeriodOffset

Name	Value
Default	0
Description	This parameter specifies the Time offset beween 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
Maximum	4095
Minimum	0
Type	Integer
Units	frames

142 —Mbms

Table 142-1 Mbms parameters

Parameters	
id	isMbmsTrafficAllowed

Table 142-2 id

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

Table 142-3 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
Type	Boolean

(2 of 2)

143 —MbmsServiceArea

Table 143-1 MbmsServiceArea parameters

Parameters	
id mbmsBearerServiceIdList	mbmsServiceAreaName

Table 143-2 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 143-3 mbmsBearerServiceIdList

Name	Value
Description	This parameter allows a mapping between the service area and the service definition (for TV and Radio).
Impact	No reset
Type	generic.StringList

Table 143-4 mbmsServiceAreaName

Name	Value
Description	This parameter is the service area name.
Displayed name	mbmsServiceAreaName (General)
Impact	No reset
Maximum	64
Minimum	0
Type	STRING
Unset supported	Yes

144 —MbsfnArea

Table 144-1 MbsfnArea parameters

Parameters	
commonSFAllocPeriod	sib13McchOffset
id	sib13MmcchRepetitionPeriod
mbmsBearerServiceIdList	sib13NonMBSFNregionLength
mbsfnAreaId	sib13NotificationIndicator
mbsfnAreaName	sib13SfAllocInfo
sib13McchModificationPeriod	sib13SignallingMCS

Table 144-2 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
Type	CommonSFAllocPeriodEnum
Units	frames

Table 144-3 id

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

Table 144-4 mbmsBearerServiceIdList

Name	Value
Description	This parameter allows a mapping between the service area and the service definition (for TV and Radio).
Impact	No reset
Type	generic.StringList

Table 144-5 mbsfnAreaId

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	mbsfnAreaId (General)
Impact	Partial reset
Maximum	255
Minimum	0
Type	Integer

Table 144-6 mbsfnAreaName

Name	Value
Description	This parameter is a free name for the MO.
Displayed name	mbsfnAreaName (General)
Impact	No reset
Maximum	64

(1 of 2)

Name	Value
Minimum	0
Type	STRING
Unset supported	Yes

(2 of 2)

Table 144-7 sib13McchModificationPeriod

Name	Value
Default	rf512
Description	This parameter defines periodically appearing boundaries, radio frames for which 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
Type	McchModificationPeriodEnum

Table 144-8 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: SFN mod mcch-RepetitionPeriod = mcch-Offset.
Displayed name	sib13McchOffset (General)
Impact	Partial reset
Maximum	10
Minimum	0
Type	Integer

Table 144-9 sib13MmcchRepetitionPeriod

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	sib13MmcchRepetitionPeriod (General)

(1 of 2)

Name	Value
Impact	Partial reset
Type	McchRepetitionPeriodEnum

(2 of 2)

Table 144-10 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
Type	NonMBSFNregionLengthEnum

Table 144-11 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
Maximum	7
Minimum	0
Type	Integer

Table 144-12 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
Maximum	6
Minimum	6
Type	STRING

Table 144-13 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
Type	SignallingMCSEnum

145 —MbsfnCellConf

Table 145-1 MbsfnCellConf parameters

Parameters	
id mbsfnCellConfName sib13NotificationOffset	sib13NotificationRepetitionCoeff sib13NotificationSFIndex

Table 145-2 id

Name	Value
Description	MbsfnCellConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	9
Minimum	0
Type	Integer

Table 145-3 mbsfnCellConfName

Name	Value
Default	MBSFNprofile1
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
Maximum	64
Minimum	0
Type	STRING
Unset supported	Yes

Table 145-4 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
Maximum	10
Minimum	0
Type	Integer

Table 145-5 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 âshortest modificaton periodâ 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
Type	NotificationRepetitionCoeffEnum

Table 145-6 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
Maximum	6
Minimum	1
Type	Integer

146 —MbsfnMtch

Table 146-1 MbsfnMtch parameters

Parameters	
id logicalChannelIdentity	mbmsBearerServiceId

Table 146-2 id

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

Table 146-3 logicalChannelIdentity

Name	Value
Description	This parameter determines which MTCH is used for this service.
Displayed name	logicalChannelIdentity (General)
Impact	Partial reset

(1 of 2)

Name	Value
Maximum	28
Minimum	0
Type	Integer

(2 of 2)

Table 146-4 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
Type	STRING

147 —MbsfnPmch

Table 147-1 MbsfnPmch parameters

Parameters	
dataMCS id	mchSchedulingPeriod sfAllocEnd

Table 147-2 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
Maximum	28
Minimum	0
Type	Integer

Table 147-3 id

Name	Value
Description	MbsfnPmch identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	14
Minimum	0
Type	Integer

Table 147-4 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
Type	MchSchedulingPeriodEnum

Table 147-5 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
Maximum	1535
Minimum	0
Type	Integer

148 —MbsfnSubframeAllocationPattern

Table 148-1 MbsfnSubframeAllocationPattern parameters

Parameters	
fourFrames id oneFrame	radioFrameAllocationOffset radioFrameAllocationPeriod

Table 148-2 fourFrames

Name	Value
Default	110110110110110110110110
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
Maximum	24
Minimum	24

(1 of 2)

Name	Value
Type	STRING
Unset supported	Yes

(2 of 2)

Table 148-3 id

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

Table 148-4 oneFrame

Name	Value
Default	110110
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
Maximum	6
Minimum	6
Type	STRING
Unset supported	Yes

Table 148-5 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 SFN mod radioFrameAllocationPeriod = 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
Maximum	7
Minimum	0
Type	Integer

Table 148-6 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 SFN mod radioFrameAllocationPeriod = 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
Type	RadioFrameAllocationPeriodEnum

149 —MeasObjectCDMA2000

Table 149-1 MeasObjectCDMA2000 parameters

Parameters	
bandClass	id
carrierFreq	offsetFreq
cdma2000Type	searchWindowSize

Table 149-2 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
Type	HrpdBandEnum

Table 149-3 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

(1 of 2)

Name	Value
Maximum	2047
Minimum	0
Type	Integer

(2 of 2)

Table 149-4 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
Type	Cdma2000TypeEnum

Table 149-5 id

Name	Value
Description	MeasObjectCDMA2000 identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 149-6 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
Maximum	15
Minimum	-15

(1 of 2)

Name	Value
Type	Integer
Units	dB

(2 of 2)

Table 149-7 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
Maximum	15
Minimum	0
Type	Integer
Unset supported	Yes

150 —MeasObjectEUTRAFDD

Table 150-1 MeasObjectEUTRAFDD parameters

Parameters	
dlEARFCN	id

Table 150-2 dlEARFCN

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE carrierFreq of MeaseObjectEUTRA.
Displayed name	dlEARFCN (General)
Impact	No reset
Maximum	39649
Minimum	0
Type	Integer

Table 150-3 id

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

(1 of 2)

Name	Value
Maximum	0
Minimum	0
Type	Integer

(2 of 2)

151 —MeasObjectEUTRA

Table 151-1 MeasObjectEUTRA parameters

Parameters	
dlEARFCN id	measurementBandwidth offsetFreq

Table 151-2 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
Maximum	41589
Minimum	0
Type	Integer

Table 151-3 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 151-4 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
Type	MeasurementBandwidthEnum

Table 151-5 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
Type	OffsetFreqEUTRAEnum
Units	dB
Unset supported	Yes

152 —MeasObjectGERAN

Table 152-1 MeasObjectGERAN parameters

Parameters	
bandIndicatorGERAN geranARFCNList geranNeighboringFreqsConfId	id nccPermitted offsetFreqGERAN

Table 152-2 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
Type	BandIndicatorGERANEnum

Table 152-3 geranARFCNList

Name	Value
Description	This attribute corresponds to a list of GERAN ARFCN
Impact	No reset
Type	GeranARFCNListType

Table 152-4 geranNeighboringFreqsConfId

Name	Value
Description	This parameter is an association. This parameter refers to the instance of the GERANNeighboringFreqsConf MO.
Export	no
Impact	No reset
Type	STRING

Table 152-5 id

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

Table 152-6 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
Maximum	8
Minimum	8
Type	STRING

Table 152-7 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
Maximum	15
Minimum	-15
Type	Integer
Units	dB

(2 of 2)

153 —MeasObject

Table 153-1 MeasObject parameters

Parameters	
id	measObjectId

Table 153-2 id

Name	Value
Description	MeasObject identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

Table 153-3 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

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Name	Value
Maximum	32
Minimum	1
Type	Integer

(2 of 2)

154 —MeasObjectUTRA

Table 154-1 MeasObjectUTRA parameters

Parameters	
carrierFreq id offsetFreqUTRA	utraFddNeighboringFreqConfId utraTddNeighboringFreqConfId

Table 154-2 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
Maximum	16383
Minimum	0
Type	Integer

Table 154-3 id

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

Table 154-4 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
Maximum	15
Minimum	-15
Type	Integer

Table 154-5 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
Type	STRING
Unset supported	Yes

Table 154-6 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 when the UE is configured with the measurement configured by this instance of the MO MeasObjectUTRA
Export	no
Impact	No reset
Type	STRING
Unset supported	Yes

155 —MeasurementIdentityConf

Table 155-1 MeasurementIdentityConf parameters

Parameters	
id measId measObjectId measObjectLink	measurementPurpose reportConfigId reportConfigLink

Table 155-2 id

Name	Value
Description	MeasurementIdentityConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	47
Minimum	0
Type	Integer

Table 155-3 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
Maximum	32
Minimum	1
Type	Integer

Table 155-4 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
Type	STRING

Table 155-5 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
Type	STRING

Table 155-6 measurementPurpose

Name	Value
Description	This parameter configures the purpose of this measurement reporting.
Displayed name	measurementPurpose (General)
Impact	No reset
Type	MeasurementPurposeEnum

Table 155-7 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
Type	STRING

Table 155-8 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
Type	STRING

156 —MgGroupMember

Table 156-1 MgGroupMember parameters

Parameters	
cardRole chassisId	slotId

Table 156-2 cardRole

Name	Value
Default	working
Description	The value of cardRole specifies the card role. The role may be one of: 'working' - the card is currently working and providing service 'protect' - the card is redundant backup card"
Displayed name	Role (General)
Mandatory on creation	Yes
Type	MgGroupCardRoleEnum

Table 156-3 chassisId

Name	Value
mirroredProperty	shelfId

Table 156-4 slotId

Name	Value
Default	0
Description	Slot ID of the MG card that has been associated to the MG Group.
Mandatory on creation	Yes
Type	Integer

157 —MgIsaGroup

Table 157-1 MgIsaGroup parameters

Parameters	
description groupGateway groupNumber	groupRedundancy protectDelay

Table 157-2 description

Name	Value
Default	
Description	Description given to the new group object.
Displayed name	Description (General)
Maximum	80
Minimum	0
Type	STRING

Table 157-3 groupGateway

Name	Value
mirroredProperty	epcId

Table 157-4 groupNumber

Name	Value
Default	0
Description	The value of groupNumber uniquely identifies a mobile system group.
Displayed name	Group ID (General)
Mandatory on creation	Yes
Maximum	8
Minimum	1
Type	Integer

Table 157-5 groupRedundancy

Name	Value
Default	none
Description	The value of groupRedundancy indicates redundancy type. If the value of the object is set to 'none', then the cards in this group are unprotected. If the value of the object is set to 'oneToOne', each card has one redundant backup card. If the value of the object is set to 'manyToOne', multiple cards have one backup card to ensure system functionality in the event of system failure.
Displayed name	Redundancy Type (General)
Mandatory on creation	Yes
Type	LteRedundancy

Table 157-6 protectDelay

Name	Value
Default	10
Description	The value of ProtectDelay specifies the time to wait for the working card to come online before a standby card becomes active.
Displayed name	Protection Delay (General)
Maximum	30
Minimum	1
Type	Integer
Units	s

158 —MimoConfiguration

Table 158-1 id

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

159 —MmeAccessGroup

Table 159-1 id

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

160 —MmeAccess

Table 160-1 MmeAccess parameters

Parameters	
administrativeState defaultS1TimeToWait id priority	rdnId remoteIpAddress remoteIpAddressType

Table 160-2 administrativeState

Name	Value
Displayed name	Administrative State (States)
Type	AdministrativeStateType

Table 160-3 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

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Name	Value
Type	TimeToWaitEnum
Units	s

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Table 160-4 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 160-5 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
Type	MMEPriority

Table 160-6 rdnId

Name	Value
Description	RDN of the MmeAccess object instance
Displayed name	rdnId (General)
Mandatory on creation	Yes
Maximum	15
Minimum	0
Type	Integer

Table 160-7 remoteIpAddress

Name	Value
Default	0.0.0.0
Displayed name	Remote IP Address (General)
Mandatory on creation	Yes
Null allowed	Yes
Type	IP address

Table 160-8 remoteIpAddressType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

161 —MmePool

Table 161-1 MmePool parameters

Parameters	
id	mMEGI

Table 161-2 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	1024
Minimum	1
Type	Long integer

Table 161-3 mMEGI

Name	Value
Displayed name	Pool ID (General)
Mandatory on creation	Yes
Type	STRING

162 —MmeQosConf

Table 162-1 MmeQosConf parameters

Parameters	
dscpForMme id	vLanPriority

Table 162-2 dscpForMme

Name	Value
Default	AF41
Description	Diffserv Code Point value to be used for MME SCTP traffic.
Displayed name	dscpForMme (General)
Impact	Full reset
Type	DscpEnum
Unset supported	Yes

Table 162-3 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 162-4 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
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

163 —MmeSctpLayerConf

Table 163-1 MmeSctpLayerConf parameters

Parameters	
id	sctpAccessLinkFailureRetryInterval
sctpAccessAssociationMaxRetrans	sctpAccessMaxInitRetransmits
sctpAccessEstablishmentMaxRetries	sctpAccessPathMaxRetrans
sctpAccessEstablishmentRetryInterval	sctpAssocHeartbeatInterval
sctpAccessLinkFailureMaxRetries	

Table 163-2 id

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

Table 163-3 sctpAccessAssociationMaxRetrans

Name	Value
Default	10
Description	This parameter defines the maximum number of retransmissions of Data and/ot Heartbeat messages for an association before the SCTP association declares a path failure.
Displayed name	sctpAccessAssociationMaxRetrans (General)
Impact	Partial reset
Maximum	255
Minimum	0
Type	Integer

Table 163-4 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
Maximum	255
Minimum	0
Type	Integer

Table 163-5 sctpAccessEstablishmentRetryInterval

Name	Value
Description	Defines the interval between retransmissions at SCTP association establishment.
Displayed name	sctpAccessEstablishmentRetryInterval (General)
Impact	Partial reset
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 163-6 sctpAccessLinkFailureMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions after detection of link failure.
Displayed name	sctpAccessLinkFailureMaxRetries (General)
Impact	Full reset
Maximum	255
Minimum	0
Type	Integer

Table 163-7 sctpAccessLinkFailureRetryInterval

Name	Value
Description	Defines the interval between retransmissions after detection of link failure.
Displayed name	sctpAccessLinkFailureRetryInterval (General)
Impact	Full reset
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 163-8 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
Maximum	255
Minimum	0
Type	Integer

Table 163-9 sctpAccessPathMaxRetrans

Name	Value
Default	5
Description	This parameter defines the maximum number of retransmissions of Data and/ot Heartbeat messages on a transmission path before the SCTP association declares a path failure.
Displayed name	sctpAccessPathMaxRetrans (General)
Impact	Partial reset
Maximum	255
Minimum	0
Type	Integer

Table 163-10 sctpAssocHeartbeatInterval

Name	Value
Default	30000
Description	Heartbeat Interval timer value for the SCTP entities.
Displayed name	sctpAssocHeartbeatInterval (General)
Impact	Partial reset
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

164 —MmeTransportLayerAccess

Table 164-1 MmeTransportLayerAccess parameters

Parameters	
id	sctpAssocRemAddr
mmeQosConfId	sctpAssocRemAddrIpv6
mmeSctpLayerConfId	sctpAssocRemAddrType
sctpAssocLocalPort	sctpAssocRemPort

Table 164-2 id

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

Table 164-3 mmeQosConfId

Name	Value
Description	ID of the associated MmeQosConf object.
Impact	Partial reset
Type	STRING

Table 164-4 mmeSctpLayerConfId

Name	Value
Description	ID of the associated MmeSctpLayerConf object.
Impact	Partial reset
Mandatory on creation	Yes
Type	STRING

Table 164-5 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
Maximum	65000
Minimum	0
Type	Integer

Table 164-6 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
Type	SctpAssocRemAddrType
Unset supported	Yes

Table 164-7 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
Type	SctpAssocRemAddrIpv6Type
Unset supported	Yes

Table 164-8 sctpAssocRemAddrType

Name	Value
Default	ipv4
Description	The remote IP address of the MME for this SCTP association
Export	no
Type	InetAddressType

Table 164-9 sctpAssocRemPort

Name	Value
Description	Association remote port number on MME/neighbour eNodeB for this SCTP association
Displayed name	sctpAssocRemPort (General)
Impact	Full reset
Maximum	65000
Minimum	1
Type	Integer

165 —MobileNodeRegion

Table 165-1 MobileNodeRegion parameters

Parameters	
id mcc	mnc regionString

Table 165-2 id

Name	Value
Default	0
Displayed name	Region ID (General)
Mandatory on creation	Yes
Maximum	1024
Minimum	1
Type	Long integer

Table 165-3 mcc

Name	Value
Default	0
Description	MCC is the Mobile Country Code. http://en.wikipedia.org/wiki/Mobile_Country_Code

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Name	Value
Displayed name	Mobile Country Code (General)
Mandatory on creation	Yes
Type	MobileCountryCode

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Table 165-4 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 165-5 regionString

Name	Value
Default	Default
Description	RegionString is a string of up to 10 chars.
Displayed name	Region Name (General)
Mandatory on creation	Yes
Maximum	10
Minimum	1
Type	STRING

166 —MobileServiceConnector

Table 166-1 MobileServiceConnector parameters

Parameters	
endpointAAddressType endpointAsiteId endpointBAddressType endpointBsiteId	epsPathType id mobSvcId

Table 166-2 endpointAAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 166-3 endpointAsiteId

Name	Value
Default	0.0.0.0
Mandatory on creation	Yes
Null allowed	Yes
Type	IP address

Table 166-4 endpointBAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 166-5 endpointBsiteId

Name	Value
Default	0.0.0.0
Mandatory on creation	Yes
Null allowed	Yes
Type	IP address

Table 166-6 epsPathType

Name	Value
Default	No default
Displayed name	EPS Path Type (General)
Mandatory on creation	Yes
Type	ReferencePointType

Table 166-7 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	100000000
Minimum	1
Type	Long integer

Table 166-8 mobSvcId

Name	Value
Default	0
Displayed name	Mobile Service ID (General)
Mandatory on creation	Yes
Maximum	65536
Minimum	0
Type	Long integer

167 —MobileService

Table 167-1 MobileService parameters

Parameters	
description id	serviceName

Table 167-2 description

Name	Value
Displayed name	Description (General)
Maximum	250
Type	STRING

Table 167-3 id

Name	Value
Default	0
Displayed name	Mobile Service ID (General)
Mandatory on creation	Yes
Maximum	65536
Minimum	1
Type	Long integer

Table 167-4 serviceName

Name	Value
Default	
Displayed name	Mobile Service Name (General)
Maximum	64
Type	STRING

168 —MobileServiceSite

Table 168-1 MobileServiceSite parameters

Parameters	
epsInstanceType id mobSvcId	siteId siteIdAddressType

Table 168-2 epsInstanceType

Name	Value
Default	none
Displayed name	EPS Instance Type (General)
Mandatory on creation	Yes
Type	EpcTypes

Table 168-3 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 168-4 mobSvcId

Name	Value
Default	0
Displayed name	Mobile Service ID (General)
Mandatory on creation	Yes
Maximum	65536
Minimum	0
Type	Long integer

Table 168-5 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
Null allowed	Yes
Type	IP address

Table 168-6 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

169 —MobilityPriorityTable

Table 169-1 MobilityPriorityTable parameters

Parameters	
defaultConnectedPriorityOfFreq	id

Table 169-2 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
Type	EMctaConnectedPriorityEnum
Unset supported	Yes

Table 169-3 id

Name	Value
Description	MobilityPriorityTable identifier
Displayed name	id (General)

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

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170 —NaccTimersConf

Table 170-1 NaccTimersConf parameters

Parameters	
id timeToWaitForEnbDirectInfoTransfer tMobilityFromEutraCCO	tS1EnbDirectInfoTransferTrir ts1EnbDirectInfoTransferTrir

Table 170-2 id

Name	Value
Description	NaccTimersConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

Table 170-3 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
Maximum	1440
Minimum	1
Type	Integer
Units	min
Unset supported	Yes

Table 170-4 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
Maximum	10000
Minimum	1
Type	Integer
Units	ms

Table 170-5 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
Maximum	10000
Minimum	1
Type	Integer
Units	ms
Unset supported	Yes

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Table 170-6 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
Maximum	10000
Minimum	1
Type	Integer
Units	ms

171 —OAMInterface

Table 171-1 OAMInterface parameters

Parameters	
connectionState id ipAddress	nemPassword snmpUdpPort xmsPassword

Table 171-2 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 171-3 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 171-4 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 171-5 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 171-6 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 171-7 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

172 —OamRoutingInfoTable

Table 172-1 OamRoutingInfoTable parameters

Parameters	
id oamRouteIpAddress oamRouteIpAddressType	oamRoutekey oamRouteSubnetMask oamRouteSubnetMaskType

Table 172-2 id

Name	Value
Description	OamRoutingInfoTable identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	11
Minimum	0
Type	Integer

Table 172-3 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
Mandatory on creation	Yes
Null allowed	Yes
Type	IP address

Table 172-4 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 172-5 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 172-6 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
Mandatory on creation	Yes
Null allowed	Yes
Type	IP address

Table 172-7 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

173 —OAMSyncControl

Table 173-1 OAMSyncControl parameters

Parameters	
enableAutomaticConfiguration enableAutomaticUpgrade	enableOnlineConfiguration id

Table 173-2 enableAutomaticConfiguration

Name	Value
Default	false
Description	Enable or disable automatic configuration
Displayed name	enableAutomaticConfiguration (General)
Type	Boolean

Table 173-3 enableAutomaticUpgrade

Name	Value
Default	false
Description	Enable or disable automatic upgrade
Displayed name	enableAutomaticUpgrade (General)
Type	Boolean

Table 173-4 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 173-5 id

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

174 —Obs

Table 174-1 Obs parameters

Parameters	
administrativeState id intervalsOfDay pmcGranularityPeriod	scheduleType startTime stopTime

Table 174-2 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 174-3 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 174-4 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 174-5 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 174-6 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 174-7 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 174-8 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

175 —PdcpConf

Table 175-1 PdcpConf parameters

Parameters	
dlPdcpDuplicateAvoidanceEnabled	pdcpFlowControlTimerTp
id	pdcpLosslessBufferCongestionEventTriggerProhibitTimer
pdcpDiscardTimer	pdcpPduSnSize
pdcpDlLosslessBufferLife	pdcpStatusReportEnable
pdcpDlLosslessBufferSize	pdcpUlDuplicateDetectionWindow
pdcpDlSourceFreshS1BufferSize	pdcpUlTargetBufferSize
pdcpDlTargetS1BufferSize	timerPdcpStatusReportWait
pdcpDlX2BufferSize	timerRlcEndMarker

Table 175-2 dlPdcpDuplicateAvoidanceEnabled

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	dlPdcpDuplicateAvoidanceEnabled (General)
Impact	No reset
Type	Boolean

Table 175-3 id

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

Table 175-4 pdcpDiscardTimer

Name	Value
Description	This parameter configures UEâs 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
Type	PdcpDiscardTimerEnum

Table 175-5 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
Maximum	15000
Minimum	0
Step	10
Type	Integer
Units	ms

Table 175-6 pdcpDlLosslessBufferSize

Name	Value
Default	2048
Description	Specifies the maximum Winpath buffer size in number of packets, for the DL PDCP lossless buffer.
Displayed name	pdcpDlLosslessBufferSize (General)
Impact	Full reset
Maximum	4096
Minimum	0
Type	Integer

Table 175-7 pdcpDlSourceFreshS1BufferSize

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	pdcpDlSourceFreshS1BufferSize (General)
Impact	Full reset
Maximum	65536
Minimum	-1
Type	Integer

Table 175-8 pdcpDlTargetS1BufferSize

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	pdcpDlTargetS1BufferSize (General)
Impact	Full reset
Maximum	65536
Minimum	-1
Type	Integer

Table 175-9 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
Maximum	65536
Minimum	-1
Type	Integer

Table 175-10 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
Maximum	30000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 175-11 pdcpLosslessBufferCongestionEventTriggerProhibitTimer

Name	Value
Default	20
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
Maximum	3000
Minimum	1

(1 of 2)

Name	Value
Type	Integer
Units	ms

(2 of 2)

Table 175-12 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
Type	PdcpPduSnSizeEnum

Table 175-13 pdcpStatusReportEnable

Name	Value
Default	false
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
Type	Boolean

Table 175-14 pdcpUlDuplicateDetectionWindow

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	pdcpUlDuplicateDetectionWindow (General)
Impact	No reset
Maximum	4095

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

Table 175-15 pdcpUlTargetBufferSize

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	pdcpUlTargetBufferSize (General)
Impact	Full reset
Maximum	65536
Minimum	-1
Type	Integer

Table 175-16 timerPdcpStatusReportWait

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	timerPdcpStatusReportWait (General)
Impact	No reset
Maximum	1500
Minimum	1
Type	Integer
Units	ms

Table 175-17 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
Maximum	100
Minimum	1
Type	Integer
Units	ms

(2 of 2)

176 —PdnApn

Table 176-1 PdnApn parameters

Parameters	
administrativeState	dhcpProxyV6RouterId
aggregatedDownlinkRate	dhcpRelayV4GiAddr
aggregatedUplinkRate	dhcpRelayV4RouterId
allowMultiplePdns	dhcpRelayV6GiAddr
chargingReject	dhcpRelayV6RouterId
chrgCcIgnoreAnyAdministrativeState	dhcpRlyV4GiAddrType
chrgCcIgnoreHomeAdministrativeState	dhcpRlyV6GiAddrType
chrgCcIgnoreRoamingAdministrativeState	dnsServerV4Addr
chrgCcIgnoreVisitAdministrativeState	dnsServerV4AddrType
chrgProfileHomeId	dnsServerV6Addr
chrgProfileHomeInherit	dnsServerV6AddrType
chrgProfileRoamingId	ipAllocLocalPool
chrgProfileRoamingInherit	isIPAllocationHssStatic
chrgProfileVisitingId	pcoDnsV4PriAddr
chrgProfileVisitingInherit	pcoDnsV4PriAddrEnabled
dhcpProxyV4GiAddr	pcoDnsV4PriAddrType
dhcpProxyV4GiAddrType	pcoDnsV4SecAddr
dhcpProxyV4RouterId	pcoDnsV4SecAddrEnabled
dhcpProxyV6GiAddr	pcoDnsV4SecAddrType
dhcpProxyV6GiAddrType	pcoDnsV6PriAddr
pcoDnsV6PriAddrEnabled	pcoPcscfV4PriAddrType
pcoDnsV6PriAddrType	pcoPcscfV6PriAddr
pcoDnsV6SecAddr	pcoPcscfV6PriAddrEnabled
pcoDnsV6SecAddrEnabled	pcoPcscfV6PriAddrType
pcoDnsV6SecAddrType	pcrfDynamicPccAdminState
pcoNbnsV4PriAddr	restrictionType
pcoNbnsV4PriAddrEnabled	selectMsProvided
pcoNbnsV4PriAddrType	selectNwProvided
pcoNbnsV4SecAddr	selectSubscribed
pcoNbnsV4SecAddrEnabled	type
pcoNbnsV4SecAddrType	typeIpv4Supported
pcoPcscfV4PriAddr	typeIpv4v6Supported
pcoPcscfV4PriAddrEnabled	typeIpv6Supported

Table 176-2 administrativeState

Name	Value
Default	outOfService
Displayed name	Administrative State (General)
Type	AdministrativeState

Table 176-3 aggregatedDownlinkRate

Name	Value
Default	0
Displayed name	Aggregated Downlink Rate (General)
Maximum	100000
Minimum	0
Type	Integer
Units	kbps

Table 176-4 aggregatedUplinkRate

Name	Value
Default	0
Displayed name	Aggregated Uplink Rate (General)
Maximum	100000
Minimum	0
Type	Integer
Units	kbps

Table 176-5 allowMultiplePdns

Name	Value
Default	false
Displayed name	Multiple PDNs allowed (General)
Type	Boolean

Table 176-6 chargingReject

Name	Value
Default	disabled
Displayed name	Reject Charging (Charging)
Type	AdministrativeStatePlusInherit

Table 176-7 chrgCcIgnoreAnyAdministrativeState

Name	Value
Default	disabled
Displayed name	Ignore All (Charging)
Type	AdministrativeStatePlusInherit

Table 176-8 chrgCcIgnoreHomeAdministrativeState

Name	Value
Default	disabled
Displayed name	Ignore Home (Charging)
Type	AdministrativeStatePlusInherit

Table 176-9 chrgCcIgnoreRoamingAdministrativeState

Name	Value
Default	disabled
Displayed name	Ignore Roaming (Charging)
Type	AdministrativeStatePlusInherit

Table 176-10 chrgCcIgnoreVisitAdministrativeState

Name	Value
Default	disabled
Displayed name	Ignore Visiting (Charging)
Type	AdministrativeStatePlusInherit

Table 176-11 chrgProfileHomeId

Name	Value
deprecated	Yes:8.0.R5 - Use chrgProfileHomePointer instead
Type	Integer

Table 176-12 chrgProfileHomeInherit

Name	Value
Default	false
Displayed name	Inherit Home Profile From Gateway (Charging)
Type	Boolean

Table 176-13 chrgProfileRoamingId

Name	Value
deprecated	Yes:8.0.R5 - Use chrgProfileRoamingPointer instead
Type	Integer

Table 176-14 chrgProfileRoamingInherit

Name	Value
Default	false
Displayed name	Inherit Roaming Profile From Gateway (Charging)
Type	Boolean

Table 176-15 chrgProfileVisitingId

Name	Value
deprecated	Yes:8.0.R5 - Use chrgProfileVisitingPointer instead
Type	Integer

Table 176-16 chrgProfileVisitingInherit

Name	Value
Default	false
Displayed name	Inherit Visiting Profile From Gateway (Charging)
Type	Boolean

Table 176-17 dhcpProxyV4GiAddr

Name	Value
Default	
Type	IP address

Table 176-18 dhcpProxyV4GiAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-19 dhcpProxyV4RouterId

Name	Value
Default	1
Type	Integer

Table 176-20 dhcpProxyV6GiAddr

Name	Value
Default	
Type	IP address

Table 176-21 dhcpProxyV6GiAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-22 dhcpProxyV6RouterId

Name	Value
Default	1
Type	Integer

Table 176-23 dhcpRelayV4GiAddr

Name	Value
Default	
Type	IP address

Table 176-24 dhcpRelayV4RouterId

Name	Value
Default	1
Type	Integer

Table 176-25 dhcpRelayV6GiAddr

Name	Value
Default	
Type	IP address

Table 176-26 dhcpRelayV6RouterId

Name	Value
Default	1
Type	Integer

Table 176-27 dhcpRlyV4GiAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-28 dhcpRlyV6GiAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-29 dnsServerV4Addr

Name	Value
Default	
Type	IP address

Table 176-30 dnsServerV4AddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-31 dnsServerV6Addr

Name	Value
Default	
Type	IP address

Table 176-32 dnsServerV6AddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-33 ipAllocLocalPool

Name	Value
Default	true
Displayed name	Local Pool (General)
Type	Boolean

Table 176-34 isIPAllocationHssStatic

Name	Value
Default	false
Displayed name	Home Subscriber Server Assigned (General)
Type	Boolean

Table 176-35 pcoDnsV4PriAddr

Name	Value
Default	
Displayed name	IPV4 Primary Address (Connectivity)
Null allowed	no
Type	IP address

Table 176-36 pcoDnsV4PriAddrEnabled

Name	Value
Default	false
Displayed name	(Connectivity)
Type	Boolean

Table 176-37 pcoDnsV4PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-38 pcoDnsV4SecAddr

Name	Value
Default	
Displayed name	IPV4 Secondary Address (Connectivity)
Null allowed	no
Type	IP address

Table 176-39 pcoDnsV4SecAddrEnabled

Name	Value
Default	false
Displayed name	(Connectivity)
Type	Boolean

Table 176-40 pcoDnsV4SecAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-41 pcoDnsV6PriAddr

Name	Value
Default	
Displayed name	IPV6 Primary Address (Connectivity)
Null allowed	no
Type	IP address

Table 176-42 pcoDnsV6PriAddrEnabled

Name	Value
Default	false
Displayed name	(Connectivity)
Type	Boolean

Table 176-43 pcoDnsV6PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-44 pcoDnsV6SecAddr

Name	Value
Default	
Displayed name	IPV6 Secondary Address (Connectivity)
Null allowed	no
Type	IP address

Table 176-45 pcoDnsV6SecAddrEnabled

Name	Value
Default	false
Displayed name	(Connectivity)
Type	Boolean

Table 176-46 pcoDnsV6SecAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-47 pcoNbnsV4PriAddr

Name	Value
Default	
Displayed name	IPV4 Primary Address (Connectivity)
Null allowed	no
Type	IP address

Table 176-48 pcoNbnsV4PriAddrEnabled

Name	Value
Default	false
Displayed name	(Connectivity)
Type	Boolean

Table 176-49 pcoNbnsV4PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-50 pcoNbnsV4SecAddr

Name	Value
Default	
Displayed name	IPV4 Secondary Address (Connectivity)
Null allowed	no
Type	IP address

Table 176-51 pcoNbnsV4SecAddrEnabled

Name	Value
Default	false
Displayed name	(Connectivity)
Type	Boolean

Table 176-52 pcoNbnsV4SecAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-53 pcoPcscfV4PriAddr

Name	Value
Default	
Displayed name	IPV4 Primary Address (Connectivity)
Null allowed	no
Type	IP address

Table 176-54 pcoPcscfV4PriAddrEnabled

Name	Value
Default	false
Displayed name	(Connectivity)
Type	Boolean

Table 176-55 pcoPcscfV4PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-56 pcoPcscfV6PriAddr

Name	Value
Default	
Displayed name	IPV6 Primary Address (Connectivity)
Null allowed	no
Type	IP address

Table 176-57 pcoPcscfV6PriAddrEnabled

Name	Value
Default	false
Displayed name	(Connectivity)
Type	Boolean

Table 176-58 pcoPcscfV6PriAddrType

Name	Value
Default	unknown
Type	InetAddressType

Table 176-59 pcrfDynamicPccAdminState

Name	Value
Default	disabled
Displayed name	PCRF Selection Dynamic PCC (General)
Type	AdministrativeStatePlusInherit

Table 176-60 restrictionType

Name	Value
Default	any
Displayed name	Restriction Type (General)
Type	ApnRestrictionTypeEnum

Table 176-61 selectMsProvided

Name	Value
Default	false
Displayed name	Mobile Station APN Selection Mode (General)
Type	Boolean

Table 176-62 selectNwProvided

Name	Value
Default	false
Displayed name	Network APN Selection Mode (General)
Type	Boolean

Table 176-63 selectSubscribed

Name	Value
Default	true
Displayed name	Subscribed APN Selection Mode (General)
Type	Boolean

Table 176-64 type

Name	Value
Default	real
Displayed name	Type (General)
Type	ApnTypeEnum

Table 176-65 typeIpv4Supported

Name	Value
Default	No default
Displayed name	IPv4 (General)
Type	Boolean

Table 176-66 typeIpv4v6Supported

Name	Value
Default	No default
Displayed name	IP v4/v6 (General)
Type	Boolean

Table 176-67 typeIpv6Supported

Name	Value
Default	No default
Displayed name	IPv6 (General)
Type	Boolean

177 —PdnGatewayFunction

Table 177-1 PdnGatewayFunction parameters

Parameters	
description id	pgwFunction siteIdAddressType

Table 177-2 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 177-3 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 177-4 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 177-5 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

178 —PDNGateway

Table 178-1 chargingNodeId

Name	Value
Default	
Description	An operator configurable identifier for the node which is used over the Rf reference point or the Ga reference point.
Displayed name	Node ID (Charging)
Maximum	20
Minimum	0
Type	STRING

179 —PeerListEntry

Table 179-1 PeerListEntry parameters

Parameters	
peerListAddr	peerListAddrType

Table 179-2 peerListAddr

Name	Value
Default	No default
Description	The value of peerListAddr the IP address of the peer list entry.
Mandatory on creation	Yes
Null allowed	no
Type	IP address

Table 179-3 peerListAddrType

Name	Value
Default	ipv4
Description	The value of peerListAddrType specifies the type of address represented by peerListAddr.
Mandatory on creation	Yes
Type	InetAddressType

180 —PlmnListPolicy

Table 180-1 PlmnListPolicy parameters

Parameters	
mcc	mnc

Table 180-2 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 180-3 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)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	STRING

(2 of 2)

181 —PolicyChargingRulesGroup

Table 181-1 PolicyChargingRulesGroup parameters

Parameters	
cluster	dscFunction

Table 181-2 cluster

Name	Value
Default	0
Description	The name of the cluster.
Displayed name	Cluster (General)
Mandatory on creation	Yes
Maximum	64
Type	STRING

Table 181-3 dscFunction

Name	Value
Default	unknown
Description	Type of this object. It can either be PCRF or DPA.
Displayed name	Service Type (General)

(1 of 2)

Name	Value
Mandatory on creation	Yes
Type	EpcFunction

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182 —PolicyChargingRules

Table 182-1 dscFunction

Name	Value
Default	unknown
Description	Type of this object. It can either be PCRF or DPA.
Mandatory on creation	Yes
Type	EpcFunction

183 —Pool

Table 183-1 poolName

Name	Value
Default	
Maximum	32
Minimum	0
Type	STRING

184 —PositioningSystem

Table 184-1 PositioningSystem parameters

Parameters	
bsPositionAltitude bsPositionLatitude bsPositionLongitude	bsPositionSource id positioningSystemAntennaCableDelay

Table 184-2 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)
Impact	No reset
Maximum	10000
Minimum	-1000
Type	Integer
Units	m

Table 184-3 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)
Impact	No reset
Maximum	5400000
Minimum	-5400000
Type	Integer
Units	0.001 arc minutes

Table 184-4 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)
Impact	No reset
Maximum	10800000
Minimum	-10800000
Type	Integer
Units	0.001 arc minutes

Table 184-5 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)

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Name	Value
Impact	No reset
Type	PositionSourceEnum

(2 of 2)

Table 184-6 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 184-7 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
Maximum	100000
Minimum	0
Type	Integer
Units	ns

185 —PowerOffsetConfiguration

Table 185-1 PowerOffsetConfiguration parameters

Parameters	
id	pHICHPowerOffset
paOffsetPdsch	phichResource
paOffsetPMCH	port4PowerOffset
pBCHPowerOffset	port5PowerOffset
pbOffsetPdsch	primarySyncSignalPowerOffset
pbOffsetPMCH	referenceSignalPower
pCFICHPowerOffset	referenceSignalPowerMBSFN
pDCCHPowerOffsetSymbol1	secondarySyncSignalPowerOffset
pDCCHPowerOffsetSymbol2and3	

Table 185-2 id

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

Table 185-3 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
Type	PaOffsetPdschEnum

Table 185-4 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
Type	PaOffsetPdschEnum

Table 185-5 pBCHPowerOffset

Name	Value
Description	Provides the power offset of the PBCH compared to the Cell Reference Power
Displayed name	pBCHPowerOffset (General)
Impact	Partial reset
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 185-6 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
Maximum	3
Minimum	0
Type	Integer

Table 185-7 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
Type	Integer

Table 185-8 pCFICHPowerOffset

Name	Value
Description	Provides the power offset of the PCFICH compared to the Cell Reference Power
Displayed name	pCFICHPowerOffset (General)
Impact	Partial reset
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 185-9 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
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 185-10 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
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 185-11 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
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 185-12 phichResource

Name	Value
Description	Ng parameter gives the number of PHIGH groups after multiplication by NRBDL/8 (TS 36.211 6.9)
Displayed name	phichResource (General)
Impact	Partial reset
Type	PhichResourceEnum

Table 185-13 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 Refernce Signal(RS) and Resource Element(RE) for MBCH. It is used in 2 antenna RRH.
Displayed name	port4PowerOffset (General)
Impact	Partial reset
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 185-14 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
Maximum	25.5
Minimum	-25.6
Step	0.05
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 185-15 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
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 185-16 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
Maximum	50
Minimum	-60
Type	Integer
Units	dBm

Table 185-17 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
Type	Integer
Units	dBm

Table 185-18 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
Maximum	25.5
Minimum	-25.6
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

186 —PsHoToUtraFddTimersConf

Table 186-1 PsHoToUtraFddTimersConf parameters

Parameters	
id tS1RelocOverallForPsHandoverToUtraFdd	tS1RelocPrepForPsHandoverToUtraFdd

Table 186-2 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 186-3 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
Maximum	10000
Minimum	1
Type	Integer
Units	ms

Table 186-4 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
Maximum	10000
Minimum	1
Type	Integer
Units	ms

187 —PsHoToUtraTimersConf

Table 187-1 PsHoToUtraTimersConf parameters

Parameters	
id tS1RelocOverallForPsHandoverToUtra	tS1RelocPrepForPsHandoverToUtra

Table 187-2 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 187-3 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
Maximum	10000
Minimum	1
Type	Integer
Units	ms

Table 187-4 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
Maximum	10000
Minimum	1
Type	Integer
Units	ms

188 —PTPClientClockSync

Table 188-1 PTPClientClockSync parameters

Parameters	
id	ptpClientConfigParameter24
ptpAlphaFloorValue	ptpClientConfigParameter25
ptpAnnounceDuration	ptpClientConfigParameter26
ptpAnnounceReceiptTimeOut	ptpClientConfigParameter27
ptpClientConfigParameter1	ptpClientConfigParameter28
ptpClientConfigParameter10	ptpClientConfigParameter29
ptpClientConfigParameter11	ptpClientConfigParameter3
ptpClientConfigParameter12	ptpClientConfigParameter30
ptpClientConfigParameter13	ptpClientConfigParameter31
ptpClientConfigParameter14	ptpClientConfigParameter32
ptpClientConfigParameter15	ptpClientConfigParameter4
ptpClientConfigParameter16	ptpClientConfigParameter5
ptpClientConfigParameter17	ptpClientConfigParameter6
ptpClientConfigParameter18	ptpClientConfigParameter7
ptpClientConfigParameter19	ptpClientConfigParameter8
ptpClientConfigParameter2	ptpClientConfigParameter9
ptpClientConfigParameter20	ptpClientMode
ptpClientConfigParameter21	ptpClientRegToD
ptpClientConfigParameter22	ptpClientType
ptpClientConfigParameter23	ptpeNodeBIPaddress

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Parameters	
ptpeNodeBIPaddressEnabled	ptpTimeSwitchMode
ptpeNodeBIPaddressType	ptpVarJumpAltFloorValue
ptpeNodeBSubnetMask	ptpVarOutOfProfileWindowValue
ptpeNodeBSubnetMaskType	ptpZarConfigParameter1
ptpffeAlphaValue	ptpZarConfigParameter10
ptpffeHiThValue	ptpZarConfigParameter11
ptpffeLoThValue	ptpZarConfigParameter12
ptpGvalue	ptpZarConfigParameter13
ptpjeAlphaValue	ptpZarConfigParameter14
ptpJumpFloorValue	ptpZarConfigParameter15
ptpJumpThresholdAltValue	ptpZarConfigParameter16
ptpJumpThresholdValue	ptpZarConfigParameter17
ptpJumpWindowValue	ptpZarConfigParameter18
ptpKiValue	ptpZarConfigParameter19
ptpLogAnnounceInterval	ptpZarConfigParameter2
ptpLogMinDelayReqInterval	ptpZarConfigParameter20
ptpLogMinPdelayReqInterval	ptpZarConfigParameter21
ptpLogSyncInterval	ptpZarConfigParameter22
ptpOscillatorDataSource	ptpZarConfigParameter23
ptpOutOfProfileThresholdValue	ptpZarConfigParameter24
ptpPostTripWindowValue	ptpZarConfigParameter25
ptpPostWarmUp	ptpZarConfigParameter26
ptpPrimaryServerIPaddress	ptpZarConfigParameter27
ptpPrimaryServerIPaddressType	ptpZarConfigParameter28
ptpPrimaryServerMACaddress	ptpZarConfigParameter29
ptpPrimaryServerSubnetMask	ptpZarConfigParameter3
ptpPrimaryServerSubnetMaskType	ptpZarConfigParameter30
ptpSecondaryServerIPaddress	ptpZarConfigParameter31
ptpSecondaryServerIPaddressType	ptpZarConfigParameter32
ptpSecondaryServerMACaddress	ptpZarConfigParameter4
ptpSecondaryServerSubnetMask	ptpZarConfigParameter5
ptpSecondaryServerSubnetMaskType	ptpZarConfigParameter6
ptpSourcePort	ptpZarConfigParameter7
ptpStackMode	ptpZarConfigParameter8
ptpSyncDuration	ptpZarConfigParameter9

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Table 188-2 id

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

Table 188-3 ptpAlphaFloorValue

Name	Value
Default	0.0005
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpAlphaFloorValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	IP address exclusively (hostname not allowed)

Table 188-4 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
Maximum	2147483647
Minimum	1
Type	Integer
Units	s

Table 188-5 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
Maximum	255
Minimum	3
Type	Integer

Table 188-6 ptpClientConfigParameter1

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter1 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-7 ptpClientConfigParameter10

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter10 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-8 ptpClientConfigParameter11

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter11 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-9 ptpClientConfigParameter12

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter12 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-10 ptpClientConfigParameter13

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter13 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-11 ptpClientConfigParameter14

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter14 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-12 ptpClientConfigParameter15

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter15 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-13 ptpClientConfigParameter16

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter16 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-14 ptpClientConfigParameter17

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter17 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-15 ptpClientConfigParameter18

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter18 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-16 ptpClientConfigParameter19

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter19 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-17 ptpClientConfigParameter2

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter2 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-18 ptpClientConfigParameter20

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter20 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-19 ptpClientConfigParameter21

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter21 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-20 ptpClientConfigParameter22

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter22 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-21 ptpClientConfigParameter23

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter23 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-22 ptpClientConfigParameter24

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter24 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-23 ptpClientConfigParameter25

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter25 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-24 ptpClientConfigParameter26

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter26 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-25 ptpClientConfigParameter27

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter27 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-26 ptpClientConfigParameter28

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter28 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-27 ptpClientConfigParameter29

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter29 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-28 ptpClientConfigParameter3

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter3 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-29 ptpClientConfigParameter30

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter30 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-30 ptpClientConfigParameter31

Name	Value
Description	This parameter defin es the PTP client configuration.
Displayed name	ptpClientConfigParameter31 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-31 ptpClientConfigParameter32

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter32 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-32 ptpClientConfigParameter4

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter4 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-33 ptpClientConfigParameter5

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter5 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-34 ptpClientConfigParameter6

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter6 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-35 ptpClientConfigParameter7

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter7 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-36 ptpClientConfigParameter8

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter8 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-37 ptpClientConfigParameter9

Name	Value
Description	This parameter defines the PTP client configuration.
Displayed name	ptpClientConfigParameter9 (Client Parameters)
Impact	No reset
Maximum	32
Minimum	1
Type	STRING
Unset supported	Yes

Table 188-38 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
Type	Boolean

Table 188-39 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 ârefreshâ 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
Maximum	11
Minimum	8
Type	STRING

Table 188-40 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
Type	Boolean

Table 188-41 ptpeNodeBIPaddress

Name	Value
Default	0.0.0.0
Description	Defines the eNodeB specific endpoint IP address for 1588 PTP traffic if configured.
Displayed name	ptpeNodeBIPaddress (General)
Impact	Partial reset
Null allowed	Yes
Type	IP address

Table 188-42 ptpeNodeBIPaddressEnabled

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	ptpeNodeBIPaddressEnabled (General)
Impact	Partial reset
Type	Boolean

Table 188-43 ptpeNodeBIPaddressType

Name	Value
Default	ipv4
Description	Defines the eNodeB specific endpoint IP address for 1588 PTP traffic if configured.
Export	no
Type	InetAddressType

Table 188-44 ptpeNodeBSubnetMask

Name	Value
Default	0.0.0.0
Description	Defines the eNodeB specific endpoint IP subnetmask for 1588 traffic if configured.
Displayed name	ptpeNodeBSubnetMask (General)
Impact	Partial reset
Null allowed	Yes
Type	IP address

Table 188-45 ptpeNodeBSubnetMaskType

Name	Value
Default	ipv4
Description	Defines the eNodeB specific endpoint IP subnetmask for 1588 traffic if configured.
Export	no
Type	InetAddressType

Table 188-46 ptpffeAlphaValue

Name	Value
Default	0.01
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpffeAlphaValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	IP address exclusively (hostname not allowed)

Table 188-47 ptpffeHiThValue

Name	Value
Default	0.004
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpffeHiThValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	IP address exclusively (hostname not allowed)

Table 188-48 ptpffeLoThValue

Name	Value
Default	0.00004
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpffeLoThValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	1
Minimum	0

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Name	Value
Step	0.0000001
Type	IP address exclusively (hostname not allowed)

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Table 188-49 ptpGvalue

Name	Value
Default	10.0
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpGvalue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	429496
Minimum	0
Step	0.0001
Type	IP address exclusively (hostname not allowed)

Table 188-50 ptpjeAlphaValue

Name	Value
Default	1
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpjeAlphaValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	IP address exclusively (hostname not allowed)

Table 188-51 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
Mandatory on creation	Yes
Maximum	100000000
Minimum	0
Type	Integer

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Table 188-52 ptpJumpThresholdAltValue

Name	Value
Default	0.00025
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpJumpThresholdAltValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	IP address exclusively (hostname not allowed)

Table 188-53 ptpJumpThresholdValue

Name	Value
Default	100.0
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpJumpThresholdValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	429496
Minimum	0
Step	0.0001
Type	IP address exclusively (hostname not allowed)

Table 188-54 ptpJumpWindowValue

Name	Value
Default	16384
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpJumpWindowValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 188-55 ptpKiValue

Name	Value
Default	0.00003
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpKiValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	1
Minimum	0
Step	0.0000001
Type	IP address exclusively (hostname not allowed)

Table 188-56 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
Maximum	127
Minimum	-128
Type	Integer

Table 188-57 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
Maximum	127
Minimum	-128
Type	Integer

Table 188-58 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
Maximum	127
Minimum	-128
Type	Integer

Table 188-59 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
Maximum	127
Minimum	-128
Type	Integer

Table 188-60 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
Type	Boolean

Table 188-61 ptpOutOfProfileThresholdValue

Name	Value
Default	100
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpOutOfProfileThresholdValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	429496
Minimum	0
Step	0.0001
Type	IP address exclusively (hostname not allowed)

Table 188-62 ptpPostTripWindowValue

Name	Value
Default	1280
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpPostTripWindowValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 188-63 ptpPostWarmUp

Name	Value
Default	25600
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpPostWarmUp (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 188-64 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
Null allowed	Yes
Type	IP address

Table 188-65 ptpPrimaryServerIPaddressType

Name	Value
Default	ipv4
Description	Defines the IP address of the Primary 1588 PTP server.
Export	no
Type	InetAddressType

Table 188-66 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)

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Name	Value
Impact	Partial reset
Maximum	23
Minimum	15
Type	STRING

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Table 188-67 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
Null allowed	Yes
Type	IP address

Table 188-68 ptpPrimaryServerSubnetMaskType

Name	Value
Default	ipv4
Description	Defines the IP Subnetmask of the Primary 1588 PTP server.
Export	no
Type	InetAddressType

Table 188-69 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
Null allowed	Yes
Type	IP address

Table 188-70 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 188-71 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
Maximum	23
Minimum	15
Type	STRING

Table 188-72 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
Null allowed	Yes
Type	IP address

Table 188-73 ptpSecondaryServerSubnetMaskType

Name	Value
Default	ipv4
Description	Defines the IP Subnetmask of the Secondary 1588 PTP server.
Export	no
Type	InetAddressType

Table 188-74 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
Type	Boolean

Table 188-75 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
Maximum	32
Minimum	1
Type	STRING

Table 188-76 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
Maximum	2147483647
Minimum	1
Type	Integer
Units	s

Table 188-77 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
Type	Boolean

Table 188-78 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
Mandatory on creation	Yes
Maximum	100000
Minimum	0
Type	Integer

Table 188-79 ptpVarOutOfProfileWindowValue

Name	Value
Default	512
Description	Internal 1588 PTP Clock recovery parameter
Displayed name	ptpVarOutOfProfileWindowValue (General)
Impact	Full reset
Mandatory on creation	Yes
Maximum	4294967295
Minimum	0
Type	Long integer

Table 188-80 ptpZarConfigParameter1

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter1 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-81 ptpZarConfigParameter10

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter10 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-82 ptpZarConfigParameter11

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter11 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-83 ptpZarConfigParameter12

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter12 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-84 ptpZarConfigParameter13

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter13 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-85 ptpZarConfigParameter14

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter14 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-86 ptpZarConfigParameter15

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter15 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-87 ptpZarConfigParameter16

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter16 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-88 ptpZarConfigParameter17

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter17 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-89 ptpZarConfigParameter18

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter18 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-90 ptpZarConfigParameter19

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter19 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-91 ptpZarConfigParameter2

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter2 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-92 ptpZarConfigParameter20

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter20 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-93 ptpZarConfigParameter21

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter21 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-94 ptpZarConfigParameter22

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter22 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-95 ptpZarConfigParameter23

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter23 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-96 ptpZarConfigParameter24

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter24 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-97 ptpZarConfigParameter25

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter25 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-98 ptpZarConfigParameter26

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter26 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-99 ptpZarConfigParameter27

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter27 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-100 ptpZarConfigParameter28

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter28 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-101 ptpZarConfigParameter29

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter29 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-102 ptpZarConfigParameter3

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter3 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-103 ptpZarConfigParameter30

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter30 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-104 ptpZarConfigParameter31

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter31 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-105 ptpZarConfigParameter32

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter32 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-106 ptpZarConfigParameter4

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter4 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-107 ptpZarConfigParameter5

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter5 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-108 ptpZarConfigParameter6

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter6 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-109 ptpZarConfigParameter7

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter7 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-110 ptpZarConfigParameter8

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter8 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

Table 188-111 ptpZarConfigParameter9

Name	Value
Description	Zarlink PTP Client Configuration parameter
Displayed name	ptpZarConfigParameter9 (Zarlink Parameters)
Impact	Full reset
Mandatory on creation	Yes
Maximum	32
Minimum	1
Type	STRING

189 —QciPolicyEntry

Table 189-1 QciPolicyEntry parameters

Parameters	
arpValue dscpIn dscpOut dscpPreserve	fcName qciProfile qciValue

Table 189-2 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 189-3 dscpIn

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 189-4 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 189-5 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 189-6 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 189-7 qciProfile

Name	Value
Default	none
Description	Specifies the QCI profile to be assigned to the packet.
Displayed name	Profile (General)
Type	LteQciProfile

Table 189-8 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

190 —RadioBearerConf

Table 190-1 RadioBearerConf parameters

Parameters	
bucketSizeDuration	pdcpDlTargetDataForwardingBufferCoefficients
dataForwardingEnabled	pdcpDlTargetS1BufferCoefficients
dataForwardingForPsHoToUtraFddEnabled	pdcpLosslessBufferHigherThreshold
dataForwardingForPsHoToUtraTddEnabled	pdcpLosslessBufferLowerThreshold
dataForwardingForS1HoEnabled	pdcpUlTargetS1BufferCoefficients
dataForwardingForX2HoEnabled	psHoToUtraFddEnabled
eNBDlLogicalChannelConfId	psHoToUtraTddEnabled
eNBDlMacConfId	rlcDiscardTimerEnb
eNBDlPdcpConfId	rlcPdcpFlowControlEnabled
eNBDlRlcConfId	rlcSduBufferCoefficients
eNBUlLogicalChannelConfId	rlcSduBufferHigherThreshold
eNBUlMacConfId	rlcSduBufferLowerThreshold
eNBUlPdcpConfId	rohcMaxCid
eNBUlRlcConfId	rohcProfiles
id	uEDlLogicalChannelConfId
isLabelSupported	uEDlMacConfId
labelID	uEDlPdcpConfId
logicalChannelGroupUL	uEDlRlcConfId
logicalChannelPrioritizedBitRate	uEUlLogicalChannelConfId
logicalChannelPriority	uEUlMacConfId
pdcpDlLosslessBufferCoefficients	uEUlPdcpConfId
pdcpDlSourceS1BufferCoefficients	uEUlRlcConfId

Table 190-2 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
Type	BucketSizeDurationEnum
Units	ms

Table 190-3 dataForwardingEnabled

Name	Value
Description	This flag enables or not the data forwarding for this Radio Bearer
Impact	Full reset
Type	Boolean

Table 190-4 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
Type	Boolean

Table 190-5 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
Type	Boolean

Table 190-6 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
Type	Boolean

Table 190-7 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
Type	Boolean

Table 190-8 eNBDlLogicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for eNB DL configuration
Impact	Full reset
Type	STRING

Table 190-9 eNBDlMacConfId

Name	Value
Description	This parameter indicates the instance of the MO MacConf used for eNB DL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-10 eNBDlPdcpConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpConf used for eNB DL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-11 eNBDlRlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for eNB DL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-12 eNBUlLogicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for eNB UL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-13 eNBUlMacConfId

Name	Value
Description	This parameter indicates the instance of the MO MacConf used for eNB UL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-14 eNBUlPdcpConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpConf used for eNB UL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-15 eNBUlRlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for eNB UL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-16 id

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

Table 190-17 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
Type	IsLabelSupportedEnum

Table 190-18 labelID

Name	Value
Description	This parameter identifies the type of label of an element of list Label[]
Displayed name	labelID (General)
Impact	No reset
Type	RBlabelIDEnum

Table 190-19 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
Maximum	3
Minimum	0
Type	Integer

Table 190-20 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
Type	LogicalChannelPrioritizedBitRateEnum
Units	Kbytes/s

Table 190-21 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)

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Name	Value
Impact	Full reset
Maximum	16
Minimum	1
Type	Integer

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Table 190-22 pdcpDlLosslessBufferCoefficients

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 = Min [(SF + SA), 4096] Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: SD = Ceil [(GBR*T*WQ)/(8*AP)] For Non-GBR bearers: SD = Ceil [(AMBR*T*WQ)/(8*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
Type	PdcpDlLosslessBufferCoefficientsType

Table 190-23 pdcpDlSourceS1BufferCoefficients

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 = Min [(SF + SA), SC] Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: SD = Ceil [(GBR*T*WQ)/(8*AP)] For Non-GBR bearers: SD = 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
Type	PdcpDlSourceS1BufferCoefficientsType

Table 190-24 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 = Min [(SF + SA), SC] Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: SD = Ceil [(GBR*T*WQ)/(8*AP)] For Non-GBR bearers: SD = 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
Type	PdcpDlTargetDataForwardingBufferCoefficientsType

Table 190-25 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 = Min [(SF + SA), SC] Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: SD = Ceil [(GBR*T*WQ)/(8*AP)] For Non-GBR bearers: SD = 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
Type	PdcpDlTargetS1BufferCoefficientsType

Table 190-26 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
Maximum	100
Minimum	0
Type	Integer

Table 190-27 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
Maximum	100
Minimum	0
Type	Integer

Table 190-28 pdcpUlTargetS1BufferCoefficients

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 = Min [(SF + SA), SC] Where SA is the adaptive buffer size (in number of packets) given by the following formulae: For GBR bearers: SD = Ceil [(GBR*T*WQ)/(8*AP)] For Non-GBR bearers: SD = 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
Type	PdcpUlTargetS1BufferCoefficientsType

Table 190-29 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
Type	Boolean

Table 190-30 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
Type	Boolean

Table 190-31 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
Type	PdcpDiscardTimerEnum

Table 190-32 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
Type	Boolean

Table 190-33 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 = Min [(SF + SA), SC] Where SA is the adaptive buffer size (in KBytes) given by the following formulae: For GBR bearers: SD = Ceil [(GBR*T*WQ)/8000] For Non-GBR bearers: SD = Ceil [(AMBR*T*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
Type	RlcSduBufferCoefficientsType

Table 190-34 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
Maximum	100
Minimum	0
Type	Integer

Table 190-35 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
Maximum	100
Minimum	0
Type	Integer

Table 190-36 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
Maximum	8191
Minimum	0
Type	Integer

Table 190-37 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 compulsary, 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
Maximum	9
Minimum	9
Type	STRING

Table 190-38 uEDlLogicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for UE DL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-39 uEDlMacConfId

Name	Value
Description	This parameter indicates the instance of the MO MacConf used for UE DL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-40 uEDlPdcpConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpConf used for UE DL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-41 uEDlRlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for UE DL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-42 uEUlLogicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for UE UL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-43 uEUlMacConfId

Name	Value
Description	This parameter indicates the instance of the MO MacConf used for UE UL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-44 uEUlPdcpConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpConf used for UE UL configuration
Export	no
Impact	Full reset
Type	STRING

Table 190-45 uEUlRlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for UE UL configuration
Export	no
Impact	Full reset
Type	STRING

191 —RadioCacCell

Table 191-1 RadioCacCell parameters

Parameters	
badUeSinrThreshold	nbOfContextsReservedForEmergencyCalls
deltaAdmissionThresholdForExistingCalls	overheadForUeInBadRadioCondition
dlAdmissionThreshold	periodMeasForPRBConsumption
dlBEConsumption	periodMeasForUeRadioCondition
dlMinBitRateForBE	qCIforVoipRtpRtcp
dlOverheadConsumption	qCIforVoipRtpRtcp_V2_x
dlPRBconsumptionPerKbps	ulAdmissionThreshold
dlSigConsumption	ulBEConsumption
dlTotalDLresourceCount	ulMaxNbrOfVoIPBearers
dlVOIPConsumption	ulMinBitRateForBE
goodUeSinrThreshold	ulOverheadConsumption
id	ulPRBconsumptionPerKbps
maxNbOfDataBearersPerCell	ulSigConsumption
maxNbrOfBearersPerQci	ulTotalULresourceCount
maxNbrOfUsers	ulVOIPConsumption

Table 191-2 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.

(1 of 2)

Name	Value
Displayed name	badUeSinrThreshold (General)
Impact	No reset
Maximum	30
Minimum	-10
Step	0.25
Type	IP address exclusively (hostname not allowed)
Units	dB

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Table 191-3 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
Maximum	20
Minimum	0
Type	Integer
Units	%

Table 191-4 dlAdmissionThreshold

Name	Value
Default	90
Description	defines DL CAC threshold for the admission of a call. In %
Displayed name	dlAdmissionThreshold (General)
Impact	No reset
Maximum	100
Minimum	0
Type	Integer

Table 191-5 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
Maximum	100000
Minimum	0
Type	Integer

Table 191-6 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
Maximum	2048
Minimum	0
Type	Integer
Units	Kbits/s

Table 191-7 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
Maximum	100000
Minimum	0
Type	Integer

Table 191-8 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
Maximum	100
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 191-9 dlSigConsumption

Name	Value
Default	0
Description	defines Projected DL resource consumption for Standalone Signalling Config. In PRB per second
Displayed name	dlSigConsumption (General)
Impact	No reset
Maximum	100000
Minimum	0
Type	Integer

Table 191-10 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
Type	PRBresourceCountEnum

Table 191-11 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
Maximum	100000
Minimum	0
Type	Integer

Table 191-12 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
Maximum	30
Minimum	-10
Step	0.25
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 191-13 id

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

Table 191-14 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
Maximum	756
Minimum	0
Type	Integer

Table 191-15 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
Type	MaxNbrOfBearersPerQciType

Table 191-16 maxNbrOfUsers

Name	Value
Default	167
Description	Defines maximum number of users allowed to be active on the cell.
Displayed name	maxNbrOfUsers (General)
Impact	No reset
Maximum	200
Minimum	0
Type	Integer

Table 191-17 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
Maximum	20
Minimum	0
Type	Integer

Table 191-18 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
Maximum	50
Minimum	0
Type	Integer
Units	%

Table 191-19 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
Maximum	60
Minimum	1
Type	Integer
Units	s

Table 191-20 periodMeasForUeRadioCondition

Name	Value
Default	500
Description	defines the periodicity of UE radio condition messages from modem to callP.
Displayed name	periodMeasForUeRadioCondition (General)
Impact	No reset
Maximum	10000
Minimum	500
Step	500
Type	Integer
Units	ms

Table 191-21 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
Maximum	9
Minimum	1
Type	Integer

Table 191-22 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
Type	QCIforVoipRtpRtcpEnum

Table 191-23 ulAdmissionThreshold

Name	Value
Default	90
Description	defines UL CAC threshold for the admission of a call. In %
Displayed name	ulAdmissionThreshold (General)
Impact	No reset
Maximum	100
Minimum	0
Type	Integer

Table 191-24 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
Maximum	100000
Minimum	0
Type	Integer

Table 191-25 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
Maximum	32
Minimum	0
Type	Integer

Table 191-26 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
Maximum	2048
Minimum	0
Type	Integer
Units	Kbits/s

Table 191-27 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
Maximum	100000
Minimum	0
Type	Integer

Table 191-28 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)
Impact	No reset
Maximum	100
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 191-29 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
Maximum	100000
Minimum	0
Type	Integer

Table 191-30 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
Type	PRBresourceCountEnum

Table 191-31 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
Maximum	100000
Minimum	0
Type	Integer

192 —RadioCacConf

Table 192-1 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 192-2 dlAdmissionThreshold

Name	Value
Default	90
Description	defines DL CAC threshold for the admission of a call. In %
Displayed name	dlAdmissionThreshold (General)
Impact	Full reset
Maximum	100
Minimum	0
Type	Integer

Table 192-3 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
Maximum	100000
Minimum	0
Type	Integer

Table 192-4 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
Maximum	100000
Minimum	0
Type	Integer

Table 192-5 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
Maximum	100
Minimum	0
Type	IP address exclusively (hostname not allowed)

Table 192-6 dlSigConsumption

Name	Value
Default	0
Description	defines Projected DL resource consumption for Standalone Signalling Config. In PRB per second
Displayed name	dlSigConsumption (General)
Impact	Full reset
Maximum	100000
Minimum	0
Type	Integer

Table 192-7 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	Full reset
Type	PRBresourceCountEnum

Table 192-8 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	Full reset
Maximum	100000
Minimum	0
Type	Integer

Table 192-9 id

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

Table 192-10 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
Maximum	2
Minimum	1
Type	Integer

Table 192-11 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
Maximum	200
Minimum	0
Type	Integer

Table 192-12 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	Full reset
Maximum	9
Minimum	1
Type	Integer

Table 192-13 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	Full reset
Type	QCIforVoipRtpRtcpEnum

Table 192-14 ulAdmissionThreshold

Name	Value
Default	90
Description	defines UL CAC threshold for the admission of a call. In %
Displayed name	ulAdmissionThreshold (General)
Impact	Full reset
Maximum	100
Minimum	0
Type	Integer

Table 192-15 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 192-16 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
Maximum	32
Minimum	0
Type	Integer

Table 192-17 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
Maximum	100000
Minimum	0
Type	Integer

Table 192-18 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
Maximum	100
Minimum	0
Type	IP address exclusively (hostname not allowed)

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Table 192-19 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
Maximum	100000
Minimum	0
Type	Integer

Table 192-20 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
Type	PRBresourceCountEnum

Table 192-21 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
Maximum	100000

(1 of 2)

Name	Value
Minimum	0
Type	Integer

(2 of 2)

193 —RadioCacEnb

Table 193-1 RadioCacEnb parameters

Parameters	
id	maxNbOfDataBearersPerUe
maxNbOfDataBearersPerEnodeB	maxNumberOfCallPerEnodeB
maxNbOfDataBearersPerModemCard	maxNumberOfCallPerModemCard

Table 193-2 id

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

Table 193-3 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
Maximum	2268
Minimum	0
Type	Integer

Table 193-4 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
Maximum	162
Minimum	0
Type	Integer

Table 193-5 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
Maximum	8
Minimum	1
Type	Integer

Table 193-6 maxNumberOfCallPerEnodeB

Name	Value
Default	60
Description	Defines the max number of users that allowed per eNodeB
Displayed name	maxNumberOfCallPerEnodeB (General)
Impact	Full reset
Maximum	600
Minimum	0
Type	Integer

Table 193-7 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
Maximum	60
Minimum	0
Type	Integer

194 —RadioCacFDD

Table 194-1 RadioCacFDD parameters

Parameters	
id	maxNbOfDataBearersPerUe

Table 194-2 id

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

Table 194-3 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

(1 of 2)

Name	Value
Maximum	4
Minimum	1
Type	Integer

(2 of 2)

195 —RadioCacTDD

Table 195-1 RadioCacTDD parameters

Parameters	
id	maxNbOfDataBearersPerUe

Table 195-2 id

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

Table 195-3 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

(1 of 2)

Name	Value
Maximum	4
Minimum	1
Type	Integer

(2 of 2)

196 —RANLicenseManager

Table 196-1 RANLicenseManager parameters

Parameters	
emailRecipientAddress firstExpirationThreshold firstUsageThreshold licenseFileToImport	reportFileFormat secondExpirationThreshold secondUsageThreshold

Table 196-2 emailRecipientAddress

Name	Value
Copyable	no
Default	
Deployable	no
Description	List of email addresses separated by ';'
Displayed name	Email Recipient Address (General)
Maximum	80
Minimum	0
Type	STRING
Write access	all

Table 196-3 firstExpirationThreshold

Name	Value
Default	90
Displayed name	First Expiration Threshold (General)
Maximum	365
Minimum	0
Type	Integer
Units	days
Write access	all

Table 196-4 firstUsageThreshold

Name	Value
Default	75
Displayed name	First Usage Threshold (General)
Maximum	100
Minimum	0
Type	Integer
Units	%
Write access	all

Table 196-5 licenseFileToImport

Name	Value
copyable	no
Default	
Deployable	no
Displayed name	License File To Import (General)
Maximum	255
Minimum	0
Type	STRING
Write access	all

Table 196-6 reportFileFormat

Name	Value
Default	0
Displayed name	Report File Format (General)
Type	ReportFileFormatType
Write access	all

Table 196-7 secondExpirationThreshold

Name	Value
Default	30
Displayed name	Second Expiration Threshold (General)
Maximum	365
Minimum	0
Type	Integer
Units	days
Write access	all

Table 196-8 secondUsageThreshold

Name	Value
Default	90
Displayed name	Second Usage Threshold (General)
Maximum	100
Minimum	0
Type	Integer
Units	%
Write access	all

197 —RanPMPolicy

Table 197-1 RanPMPolicy parameters

Parameters	
administrativeState description displayedName	fileRetentionTime id pollingInterval

Table 197-2 administrativeState

Name	Value
Default	down
Description	Allows to start/stop performance management stats collection
Type	AdminState

Table 197-3 description

Name	Value
Maximum	255
Minimum	0
Type	STRING

Table 197-4 displayedName

Name	Value
Default	
Maximum	80
Minimum	0
Type	STRING

Table 197-5 fileRetentionTime

Name	Value
Default	5
Maximum	60
Minimum	5
Type	Integer
Units	days

Table 197-6 id

Name	Value
Mandatory on creation	Yes
Maximum	65535
Minimum	1
Type	Integer

Table 197-7 pollingInterval

Name	Value
Default	15minutes
Type	PmcGranularityPeriod
Units	min

198 —ReferencePoint

Table 198-1 ReferencePoint parameters

Parameters	
siteIdAddressType	type

Table 198-2 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 198-3 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

199 —RemoteLteCell

Table 199-1 RemoteLteCell parameters

Parameters	
id	plmnMobileNetworkCode
macroEnbId	relativeCellIdentity
physicalLayerCellIdentityGroupIndex	trackingAreaCode
physicalLayerCellIdentityIndex	x2AccessId
plmnMobileCountryCode	

Table 199-2 id

Name	Value
Description	RemoteLteCell identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	63
Minimum	0
Type	Integer

Table 199-3 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
Maximum	20
Minimum	20
Type	STRING

Table 199-4 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
Maximum	167
Minimum	0
Type	Integer

Table 199-5 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
Maximum	2
Minimum	0
Type	Integer

Table 199-6 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
Type	MobileCountryCode

Table 199-7 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
Maximum	3
Minimum	2
Type	STRING

Table 199-8 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
Maximum	8
Minimum	8
Type	STRING

Table 199-9 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
Maximum	16
Minimum	16
Type	STRING

Table 199-10 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
Type	STRING

200 —ReportConfigCDMA2000

Table 200-1 ReportConfigCDMA2000 parameters

Parameters	
hysteresis	thresholdCdma2000
id	thresholdEutraRsrpB2
maxReportCells	thresholdEutraRsrqB2
reportAmount	timeToTrigger
reportInterval	triggerTypeInterRAT

Table 200-2 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
Maximum	15
Minimum	0
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 200-3 id

Name	Value
Description	ReportConfigCDMA2000 identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 200-4 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
Maximum	8
Minimum	1
Type	Integer

Table 200-5 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
Type	ReportAmountEnum

Table 200-6 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
Type	ReportIntervalEnum

(2 of 2)

Table 200-7 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 x 10 log 10 Ec/Io] 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
Maximum	0
Minimum	-31.5
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 200-8 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 â 140 dBm. See TS 36.331.
Displayed name	thresholdEutraRsrpB2 (General)
Impact	No reset
Maximum	-43
Minimum	-140
Type	Integer
Units	dBm
Unset supported	Yes

Table 200-9 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 â 40)/2 dB. See TS 36.331.
Displayed name	thresholdEutraRsrqB2 (General)
Impact	No reset
Maximum	-3
Minimum	-20
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB
Unset supported	Yes

Table 200-10 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
Type	TimeToTriggerMeasIRATEnum
Units	s

Table 200-11 triggerTypeInterRAT

Name	Value
Default	eventB2
Description	This parameter confi gures the IE triggerType included in the IE ReportConfigInterRAT in the IE MeasConfig. See TS36.331
Displayed name	triggerTypeInterRAT (General)
Impact	No reset
Type	TriggerTypeInterRATEnum

201 —ReportConfigEUTRA

Table 201-1 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 201-2 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
Maximum	30
Minimum	-30
Step	0.5

(1 of 2)

Name	Value
Type	IP address exclusively (hostname not allowed)
Units	dB
Unset supported	Yes

(2 of 2)

Table 201-3 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
Maximum	30
Minimum	0
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 201-4 id

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

Table 201-5 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

(1 of 2)

Name	Value
Maximum	8
Minimum	1
Type	Integer

(2 of 2)

Table 201-6 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
Type	ReportAmountEnum

Table 201-7 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
Type	ReportIntervalEnum

Table 201-8 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
Type	ReportQuantityEUTRAEnum

Table 201-9 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
Maximum	-43
Minimum	-140
Type	Integer
Unset supported	Yes

Table 201-10 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
Type	RSRPRangeEnum
Unset supported	Yes

Table 201-11 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
Maximum	-3
Minimum	-20
Step	0.5

(1 of 2)

Name	Value
Type	IP address exclusively (hostname not allowed)
Unset supported	Yes

(2 of 2)

Table 201-12 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
Type	RSRQRangeEnum
Unset supported	Yes

Table 201-13 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
Maximum	-43
Minimum	-140
Type	Integer
Unset supported	Yes

Table 201-14 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

(1 of 2)

Name	Value
Type	RSRPRangeEnum
Unset supported	Yes

(2 of 2)

Table 201-15 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
Maximum	-3
Minimum	-20
Step	0.5
Type	IP address exclusively (hostname not allowed)
Unset supported	Yes

Table 201-16 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
Type	RSRQRangeEnum
Unset supported	Yes

Table 201-17 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
Type	TimeToTriggerMeasEUTRAEnum
Units	s

(2 of 2)

Table 201-18 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
Type	TriggerQuantityEUTRAEnum

Table 201-19 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
Type	TriggerTypeEUTRAEnum

202 —ReportConfigGERAN

Table 202-1 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 202-2 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
Maximum	-47
Minimum	-110
Type	IP address exclusively (hostname not allowed)
Units	dBm

Table 202-3 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
Type	B2ThresholdGERANEnum
Units	dBm

Table 202-4 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
Maximum	15
Minimum	0
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 202-5 id

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

Table 202-6 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
Maximum	8
Minimum	1
Type	Integer

Table 202-7 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
Type	ReportAmountEnum

Table 202-8 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
Type	ReportIntervalEnum

Table 202-9 threshold1EutraRsrp

Name	Value
Description	This is used to provision IE b2-Threshold1in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	threshold1EutraRsrp (General)
Impact	No reset
Maximum	-43
Minimum	-140

(1 of 2)

Name	Value
Type	IP address exclusively (hostname not allowed)
Unset supported	Yes

(2 of 2)

Table 202-10 threshold1EutraRsrpUntil_V2

Name	Value
Description	This is used to provision IE b2-Threshold1in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	threshold1EutraRsrp (General)
Impact	No reset
Type	RSRPRangeEnum
Unset supported	Yes

Table 202-11 threshold1EutraRsrq

Name	Value
Description	This is used to provision IE b2-Threshold1in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	threshold1EutraRsrq (General)
Impact	No reset
Maximum	-3
Minimum	-20
Step	0.5
Type	IP address exclusively (hostname not allowed)
Unset supported	Yes

Table 202-12 threshold1EutraRsrqUntil_V2

Name	Value
Description	This is used to provision IE b2-Threshold1in IE ReportConfigInterRAT, in IE MeasConfig
Displayed name	threshold1EutraRsrq2 (General)
Impact	No reset
Type	RSRQRangeEnum
Unset supported	Yes

Table 202-13 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 â 140 dBm.
Displayed name	Threshold EUTRAN RSRP B1 B2 (General)
Impact	No reset
Maximum	-43
Minimum	-140
Type	IP address exclusively (hostname not allowed)
Units	dBm
Unset supported	Yes

Table 202-14 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
Maximum	-43
Minimum	-140
Type	Integer
Units	dBm
Unset supported	Yes

Table 202-15 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 â 40)/2 dB.
Displayed name	Threshold EUTRAN RSRQ B1 B2 (General)
Impact	No reset
Maximum	-3
Minimum	-20

(1 of 2)

Name	Value
Type	IP address exclusively (hostname not allowed)
Units	dB
Unset supported	Yes

(2 of 2)

Table 202-16 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 â 40)/2 dB. See TS 36.331.
Displayed name	thresholdEutraRsrqB2 (General)
Impact	No reset
Maximum	-3
Minimum	-20
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB
Unset supported	Yes

Table 202-17 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 â 110 dBm.
Displayed name	thresholdGeran (General)
Impact	No reset
Maximum	-47
Minimum	-110
Type	Integer
Units	dBm

Table 202-18 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
Type	TimeToTriggerMeasGERANEnum
Units	s

Table 202-19 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
Type	TriggerTypeInterRATEnum

203 —ReportConfig

Table 203-1 ReportConfig parameters

Parameters	
id	reportConfigId

Table 203-2 id

Name	Value
Description	ReportConfig identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

Table 203-3 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

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Name	Value
Maximum	32
Minimum	1
Type	Integer

(2 of 2)

204 —ReportConfigUTRA

Table 204-1 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 204-2 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
Maximum	15
Minimum	0
Step	0.5
Type	IP address exclusively (hostname not allowed)

Table 204-3 id

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

Table 204-4 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
Maximum	32
Minimum	1
Type	Integer

Table 204-5 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
Type	AmountOfReportingUtraEnum

Table 204-6 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
Type	ReportIntervalUtraEnum

Table 204-7 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
Maximum	97
Minimum	-140
Type	Integer
Unset supported	Yes

Table 204-8 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
Maximum	34
Minimum	-20
Step	0.5
Type	IP address exclusively (hostname not allowed)
Unset supported	Yes

Table 204-9 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
Maximum	0
Minimum	-24.5
Step	0.5
Type	IP address exclusively (hostname not allowed)

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Name	Value
Units	dB
Unset supported	Yes

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Table 204-10 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
Type	Threshold2UtraEcN0Enum
Units	dB
Unset supported	Yes

Table 204-11 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
Maximum	-24
Minimum	-120
Type	IP address exclusively (hostname not allowed)
Units	dBm
Unset supported	Yes

Table 204-12 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

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Name	Value
Type	Threshold2UtraRscpEnum
Units	dBm
Unset supported	Yes

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Table 204-13 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
Maximum	-43
Minimum	-140
Type	IP address exclusively (hostname not allowed)
Units	dBm
Unset supported	Yes

Table 204-14 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
Maximum	-43
Minimum	-140
Type	Integer
Units	dBm
Unset supported	Yes

Table 204-15 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 â 40)/2 in dB. See TS 36.331.
Displayed name	Threshold EUTRAN RSRQ B1 B2 (General)
Impact	No reset
Maximum	-3
Minimum	-20
Type	IP address exclusively (hostname not allowed)
Units	dB
Unset supported	Yes

Table 204-16 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 â 40)/2 dB. See TS 36.331.
Displayed name	thresholdEutraRsrqB2 (General)
Impact	No reset
Maximum	-3
Minimum	-20
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB
Unset supported	Yes

Table 204-17 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 â 49)/2 in dB. See TS 36.331.
Displayed name	thresholdUtraEcN0 (General)
Impact	No reset

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Name	Value
Maximum	0
Minimum	-24.5
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	dB
Unset supported	Yes

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Table 204-18 thresholdUtraRscp

Name	Value
Description	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 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
Maximum	-24
Minimum	-120
Type	Integer
Units	dBm
Unset supported	Yes

Table 204-19 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
Type	TimeToTriggerMeasUtraEnum
Units	s

Table 204-20 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
Type	TriggerTypeInterRATEnum

205 —RET

Table 205-1 RET parameters

Parameters	
retAntennaCalibrate retAntennaTilt	retMechanicalTilt retSelfTest

Table 205-2 retAntennaCalibrate

Name	Value
Description	Large Tilt scan calibration procedure may be triggered by setting this object to true.
Displayed name	Antenna Calibrate (General)
Type	RetAntennaCalibrateEnum

Table 205-3 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 205-4 retMechanicalTilt

Name	Value
Description	User provided mechanical tilt in units of 0.1 degree.
Displayed name	Mechanical Tilt (General)
Maximum	900
Minimum	-900
Type	Long integer

Table 205-5 retSelfTest

Name	Value
Description	Small tilt test procedure may be triggered by setting this object to true.
Displayed name	Self Test (General)
Type	RetSelfTestEnum

206 —RetSubUnit

Table 206-1 RetSubUnit parameters

Parameters	
retActuatorNumber	retAldRitNumber

Table 206-2 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 206-3 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

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Name	Value
Maximum	2147483647
Minimum	1
Type	Long integer

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207 —RfReferencePoint

Table 207-1 RfReferencePoint parameters

Parameters	
acctIntmInterval	ocFileClsLifeTime
acctLevel	ocFileClsMaxAcrs
applTxTimer	ocFileExtension
chargingGroupIDEnabled	ocFileObsoleteTime
nodeId	ocFilePrivateInfo
ocCf1Limit	ocPrimaryCf
ocCf2Limit	operatorString
ocFileClosureSize	retryCount

Table 207-2 acctIntmInterval

Name	Value
Default	1800
Displayed name	Accounting Interim Interval (General)
Maximum	86400
Minimum	1
Type	Long integer
Units	s

Table 207-3 acctLevel

Name	Value
Default	qcilevel
Displayed name	Accounting Level (General)
Type	RfAccLevel

Table 207-4 applTxTimer

Name	Value
Default	5
Displayed name	Application Transaction Timer (General)
Maximum	30
Minimum	1
Type	Integer
Units	s

Table 207-5 chargingGroupIDEnabled

Name	Value
Default	false
Displayed name	Inclusion of Charging-Group-ID AVP in ACR (General)
Type	Boolean

Table 207-6 nodeId

Name	Value
Default	No default
Displayed name	Node ID (General)
Maximum	20
Minimum	0
Type	STRING

Table 207-7 ocCf1Limit

Name	Value
Default	0
Displayed name	Configuration File Limit (Outage)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Mbps

Table 207-8 ocCf2Limit

Name	Value
Default	0
Displayed name	Configuration File Limit (Outage)
Maximum	4294967295
Minimum	0
Type	Long integer
Units	Mbps

Table 207-9 ocFileClosureSize

Name	Value
Default	5
Displayed name	Size Limit Before File Closure (Outage)
Maximum	100
Minimum	1
Type	Integer
Units	Mbps

Table 207-10 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 207-11 ocFileClsMaxAcrs

Name	Value
Default	5000
Displayed name	Limit for the number of ACRs (Outage)
Maximum	75000
Minimum	100
Type	Integer

Table 207-12 ocFileExtension

Name	Value
Default	No default
Displayed name	File Extension (Outage)
Maximum	8
Minimum	0
Type	STRING

Table 207-13 ocFileObsoleteTime

Name	Value
Default	No default
Displayed name	Duration before File Deletion (Outage)
Maximum	31
Minimum	1
Type	Integer
Units	days

Table 207-14 ocFilePrivateInfo

Name	Value
Default	
Displayed name	Private Info (Outage)
Maximum	32
Minimum	0
Type	STRING

Table 207-15 ocPrimaryCf

Name	Value
Default	cf1
Displayed name	Primary Compact Flash (Outage)
Type	Integer

Table 207-16 operatorString

Name	Value
Default	
Displayed name	Operator-string AVP of an ACR Message (General)
Maximum	32
Minimum	0
Type	STRING

Table 207-17 retryCount

Name	Value
Default	3
Displayed name	Retry Count for ACR Messages (General)
Maximum	8
Minimum	1
Type	Long integer
Units	s

208 —RlcAmConf

Table 208-1 RlcAmConf parameters

Parameters	
id	pollTriggerTpollRetransmitDownlink
maxDownlinkBufferSize	timerStatusProhibitDownlink
maxRetxThresholddownlink	timerStatusProhibitUplink
maxRetxThresholdUplink	timerTpollRetransmitDownlink
pollByteDownlink	timerTpollRetransmitUplink
pollByteUplink	timerTreorderingDownlink
pollPDUDownlink	timerTreorderingUplink
pollPDUUplink	unansweredDownlinkPollCountMax

Table 208-2 id

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

Table 208-3 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
Maximum	256
Minimum	1
Type	Integer
Units	Kbytes

Table 208-4 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	Partial reset
Type	MaxRetxThresholdEnum
Units	reTx

Table 208-5 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-establisment procedure, as per TS 36.322.
Displayed name	maxRetxThresholdUplink (General)
Impact	Partial reset
Type	MaxRetxThresholdEnum
Units	reTx

Table 208-6 pollByteDownlink

Name	Value
Default	kbinfinity
Description	Downlink value of Poll_Bytte parameter as per 36.322. This parameter represents the interval between pollings in terms of number of transmitted bytes.
Displayed name	PollByteDownlink (General)
Impact	Partial reset
Type	PollByteEnum
Units	Kbytes

Table 208-7 pollByteUplink

Name	Value
Default	kbinfinity
Description	Uplink value of Poll_Bytte 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	Partial reset
Type	PollByteEnum
Units	Kbytes

Table 208-8 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	Partial reset
Type	PollPDUEnum
Units	pdu

Table 208-9 pollPDUUplink

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	pollPDUUplink (General)
Impact	Partial reset
Type	PollPDUEnum
Units	pdu

Table 208-10 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	Partial reset
Type	Boolean

Table 208-11 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	Partial reset
Type	TimerStatusProhibitEnum
Units	ms

Table 208-12 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	Partial reset
Type	TimerStatusProhibitEnum
Units	ms

Table 208-13 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	Partial reset
Type	TimerTpollRetransmitEnum
Units	ms

Table 208-14 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	Partial reset
Type	TimerTpollRetransmitEnum
Units	ms

Table 208-15 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	Partial reset
Type	TimerTreorderingEnum
Units	ms

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Table 208-16 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	Partial reset
Type	TimerTreorderingEnum
Units	ms

Table 208-17 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	Partial reset
Maximum	63
Minimum	1
Type	Integer

209 —RlcConf

Table 209-1 id

Name	Value
Description	RlcConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	3
Minimum	0
Type	Integer

210 —RlcUmConf

Table 210-1 RlcUmConf parameters

Parameters	
id maxDownlinkBufferSize sNfieldLengthDownlink	sNfieldLengthUplink timerTreorderingDownlink timerTreorderingUplink

Table 210-2 id

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

Table 210-3 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
Maximum	256
Minimum	1
Type	Integer
Units	Kbytes

Table 210-4 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	Partial reset
Type	RLCumSNfieldLengthEnum
Units	bits

Table 210-5 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	Partial reset
Type	RLCumSNfieldLengthEnum
Units	bits

Table 210-6 timerTreorderingDownlink

Name	Value
Default	ms45
Description	Value of Downlink UM timer T_reordering as per 36.322
Displayed name	timerTreorderingDownlink (General)
Impact	Partial reset
Type	TimerTreorderingEnum
Units	ms

Table 210-7 timerTreorderingUplink

Name	Value
Default	ms45
Description	Value of Uplink UM timer T_reordering as per 36.322
Displayed name	timerTreorderingUplink (General)
Impact	Partial reset
Type	TimerTreorderingEnum
Units	ms

211 —RncAccess

Table 211-1 RncAccess parameters

Parameters	
directFwdPathAvailability	psHandoverUtraFddEnabled
extendedRncId	psHoToUtraFddTimersConfId
id	psHoToUtraTimersConfId
plmnMobileCountryCode	rdnId
plmnMobileNetworkCode	rncId
psHandoverUtraEnabled	

Table 211-2 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
Type	Boolean

Table 211-3 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
Maximum	65535
Minimum	4096
Type	Integer
Unset supported	Yes

Table 211-4 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 211-5 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
Maximum	3
Minimum	3
Type	MobileCountryCode

Table 211-6 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
Maximum	3
Minimum	2
Type	STRING

Table 211-7 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
Type	Boolean

Table 211-8 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
Type	Boolean

Table 211-9 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
Type	STRING

Table 211-10 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
Type	STRING

Table 211-11 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 211-12 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)
Impact	No reset
Maximum	4095
Minimum	0

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Name	Value
Type	Integer
Unset supported	Yes

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212 —RohcConf

Table 212-1 RohcConf parameters

Parameters	
id	rohcSoLimit
rohcFoRepeat	rohcStandaloneFeedbackTimeout
rohcIrLimit	rohcStateControlK1
rohcIrRepeat	rohcStateControlK2
rohcPreferredMode	rohcStateControlN1
rohcRtpTimestampBasedCompression	rohcStateControlN2
rohcSlidingWindowSize	

Table 212-2 id

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

Table 212-3 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
Maximum	50
Minimum	1
Type	Integer

Table 212-4 rohcIrLimit

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	rohcIrLimit (General)
Impact	No reset
Maximum	5000
Minimum	0
Step	10
Type	Integer

Table 212-5 rohcIrRepeat

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	rohcIrRepeat (General)
Impact	No reset
Maximum	50
Minimum	1
Type	Integer

Table 212-6 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
Type	RohcPreferredModeEnum

Table 212-7 rohcRtpTimestampBasedCompression

Name	Value
Default	false
Description	A Boolean parameter for the compressor only. True means the RTP timestamp based compression is enabled. This is is specified in RFC3095 as one of the RTP compression algorithms. False means it is disabled.
Displayed name	rohcRtpTimestampBasedCompression (General)
Impact	No reset
Type	Boolean

Table 212-8 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	Full reset
Maximum	2048
Minimum	4
Step	4
Type	Integer

Table 212-9 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
Maximum	5000
Minimum	0
Step	10
Type	Integer

Table 212-10 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
Maximum	500
Minimum	0
Type	Integer
Units	ms

Table 212-11 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 < = n1.
Displayed name	rohcStateControlK1 (General)
Impact	No reset
Maximum	10

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Name	Value
Minimum	1
Type	Integer

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Table 212-12 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 < = n2.
Displayed name	rohcStateControlK2 (General)
Impact	No reset
Maximum	10
Minimum	1
Type	Integer

Table 212-13 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 < = n1.
Displayed name	rohcStateControlN1 (General)
Impact	No reset
Maximum	10
Minimum	1
Type	Integer

Table 212-14 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 < = n2.

(1 of 2)

Name	Value
Displayed name	rohcStateControlN2 (General)
Impact	No reset
Maximum	10
Minimum	1
Type	Integer

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213 —RoutingInfoTable

Table 213-1 RoutingInfoTable parameters

Parameters	
id spareIpFormatDestSubnet	spareIpv4RoutingPrefix spareIpv6RoutingPrefix

Table 213-2 id

Name	Value
Description	RoutingInfoTable identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	11
Minimum	0
Type	Integer

Table 213-3 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
Type	IpFormat
Unset supported	Yes

Table 213-4 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
Maximum	18
Minimum	9
Type	STRING
Unset supported	Yes

Table 213-5 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
Maximum	43
Minimum	9
Type	STRING
Unset supported	Yes

214 —RrcMeasurementConf

Table 214-1 RrcMeasurementConf parameters

Parameters	
filterCoefficientOfQuantityConfigGERAN	measQuantityUtraFdd
filterCoefficientOfQuantityConfigUtra	measQuantityUtraTdd
filterCoefficientRSRP	measurementGapsPattern
filterCoefficientRSRQ	measurementIdentityConfIdList
id	sMeasure
maxMeasIdForMultipleMonitoring	sMeasureUntil_V2_x
maxNbCarriersForMultipleMonitoringUsingMeasGaps	timeToTriggerSfHigh
measQuantityCDMA2000	timeToTriggerSfMedium
measQuantityGERAN	transmissionGapRepetitionPeriod

Table 214-2 filterCoefficientOfQuantityConfigGERAN

Name	Value
Default	fc2
Description	filterCoefficientOfQuantityConfigGERAN is used to configure the IE filterCorefficient of QuantityConfigGERAN
Displayed name	filterCoefficientOfQuantityConfigGERAN (General)
Impact	No reset
Type	FilterCoeffEnum
Unset supported	Yes

Table 214-3 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
Type	FilterCoeffEnum
Unset supported	Yes

Table 214-4 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
Type	FilterCoeffEnum

Table 214-5 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
Type	FilterCoeffEnum

Table 214-6 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 214-7 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
Maximum	32
Minimum	0
Type	Integer
Unset supported	Yes

Table 214-8 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
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

Table 214-9 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
Type	MeasQuantityCdma2000Enum
Unset supported	Yes

(2 of 2)

Table 214-10 measQuantityGERAN

Name	Value
Description	Configures the IE QuantityConfigGERAN in IE QuantityConfig.
Displayed name	measQuantityGERAN (General)
Impact	No reset
Type	MeasQuantityGERANEnum
Unset supported	Yes

Table 214-11 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
Type	MeasQuantityUtraFddEnum
Unset supported	Yes

Table 214-12 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
Type	MeasQuantityUtraTddEnum
Unset supported	Yes

Table 214-13 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
Type	MeasurementGapPatternEnum

Table 214-14 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
Type	generic.StringList

Table 214-15 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
Maximum	-43
Minimum	-140
Type	Integer
Units	dBm

Table 214-16 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)

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Name	Value
Impact	No reset
Type	RSRPRangeEnum
Units	dBm

(2 of 2)

Table 214-17 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
Type	SpeedFactorsHighEnum
Unset supported	Yes

Table 214-18 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
Type	SpeedFactorsMediumEnum
Unset supported	Yes

Table 214-19 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

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Name	Value
Type	TransmissionGapRepetitionPeriodEnum
Unset supported	Yes

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215 —RrmServices

Table 215-1 id

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

216 —S1AccessGroup

Table 216-1 id

Name	Value
Description	S1AccessGroup identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

217 —S1HoTimersConf

Table 217-1 S1HoTimersConf parameters

Parameters	
endFwdData	startNewPathData
endIncomingInterRatHoDataFwd	tS1RelocOverallForS1Handover
endS1HoDataFwdTarget	tS1RelocPrepForS1Handover
id	

Table 217-2 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 ressouces associated with the GTP-U tunnel.
Displayed name	endFwdData (General)
Impact	No reset
Maximum	5000
Minimum	1
Type	Integer
Units	ms

Table 217-3 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
Maximum	5000
Minimum	1
Type	Integer
Units	ms

Table 217-4 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 ressouces associated with the eGTP tunnel.
Displayed name	endS1HoDataFwdTarget (General)
Impact	No reset
Maximum	5000
Minimum	1
Type	Integer
Units	ms

Table 217-5 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 217-6 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 theS1 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 eventualy 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
Maximum	5000
Minimum	0
Type	Integer
Units	ms

Table 217-7 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
Maximum	10000
Minimum	1
Type	Integer
Units	ms

Table 217-8 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
Maximum	10000
Minimum	1
Type	Integer
Units	ms

218 —S1Services

Table 218-1 id

Name	Value
Description	S1Services identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

219 —S1Timers

Table 219-1 id

Name	Value
Description	S1Timers identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

220 —Sector

Table 220-1 sectorNumber

Name	Value
Default	0
Description	Logical number of the sector
Displayed name	Sector Number (General)
Mandatory on creation	Yes
Type	Long integer

221 —SecurityConf

Table 221-1 SecurityConf parameters

Parameters	
allowedCipheringAlgorithmList allowedIntegrityProtectionAlgorithmList	id

Table 221-2 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
Type	AllowedCipheringAlgorithmListType

Table 221-3 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.
Impact	No reset
Type	AllowedIntegrityProtectionAlgorithmListType

Table 221-4 id

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

222 —SelfOrganizingNetwork

Table 222-1 id

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

223 —ServiceContainer

Table 223-1 ServiceContainer parameters

Parameters	
chassisNumber containerName	siteIdAddressType slotNumber

Table 223-2 chassisNumber

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

Table 223-3 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 223-4 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

Table 223-5 slotNumber

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

224 —ServiceTypePriorityConf

Table 224-1 ServiceTypePriorityConf parameters

Parameters	
eMctaPriority id	serviceType

Table 224-2 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
Type	EMctaConnectedPriorityEnum

Table 224-3 id

Name	Value
Description	ServiceTypePriorityConf identifier
Displayed name	id (General)

(1 of 2)

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

(2 of 2)

Table 224-4 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
Type	ServiceTypeEnum

225 —ServingGatewayFunction

Table 225-1 ServingGatewayFunction parameters

Parameters	
description id	sgwFunction siteIdAddressType

Table 225-2 description

Name	Value
Description	Complementary information on the the SGW Interface object.
Displayed name	Description (General)
Maximum	80
Minimum	0
Type	STRING

Table 225-3 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

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Table 225-4 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 225-5 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

226 —SgwAccessGroup

Table 226-1 id

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

227 —SgwChargingProfile

Table 227-1 SgwChargingProfile parameters

Parameters	
citQosChange citUserLocationChange	prctMaxNumberOfChanges

Table 227-2 citQosChange

Name	Value
Default	disabled
Displayed name	QoS Change (General)
Type	EnableStatus

Table 227-3 citUserLocationChange

Name	Value
Default	disabled
Displayed name	User Location Change (General)
Type	EnableStatus

Table 227-4 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

228 —SgwGtpConf

Table 228-1 SgwGtpConf parameters

Parameters	
id n3Request	s1EchoRequestInterval t3Response

Table 228-2 id

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

Table 228-3 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	Full reset
Maximum	10
Minimum	1
Type	Integer

(2 of 2)

Table 228-4 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 â0â 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	Full reset
Maximum	600
Minimum	0
Step	10
Type	Integer
Units	s

Table 228-5 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	Full reset
Maximum	5
Minimum	1
Type	Integer
Units	s

229 —SgwPool

Table 229-1 SgwPool parameters

Parameters	
id	sGWPoolID

Table 229-2 id

Name	Value
Default	0
Mandatory on creation	Yes
Maximum	1024
Minimum	1
Type	Long integer

Table 229-3 sGWPoolID

Name	Value
Displayed name	Pool ID (General)
Mandatory on creation	Yes
Maximum	20

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Name	Value
Minimum	1
Type	STRING

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230 —SgwQosConf

Table 230-1 id

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

231 —SgwQosMapping

Table 231-1 SgwQosMapping parameters

Parameters	
dscp id serviceProfile	serviceProfileUntil_V2_x vLanPriority

Table 231-2 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
Type	DscpEnum
Unset supported	Yes

Table 231-3 id

Name	Value
Description	SgwQosMapping 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 231-4 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
Maximum	255
Minimum	1
Type	Integer

Table 231-5 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
Type	ServiceProfileenum

Table 231-6 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
Maximum	7

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Name	Value
Minimum	0
Type	Integer
Unset supported	Yes

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232 —Sib8HrpdInfo

Table 232-1 Sib8HrpdInfo parameters

Parameters	
hrpdInfoConfigured id	tReselectionCdmaHrpd

Table 232-2 hrpdInfoConfigured

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 Sib8HrpdInfo are properly provisioned for this cell). If True, SIB8 (populated with Sib8HrpdInfo) 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
Type	Boolean

Table 232-3 id

Name	Value
Description	Sib8HrpdInfo identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 232-4 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
Maximum	7
Minimum	0
Type	Integer
Units	s

233 —SignalingRadioBearerConf

Table 233-1 SignalingRadioBearerConf parameters

Parameters	
id	macBOoverheadUl
logicalChannelbucketSizeDurationUL	macBOperiodicIncreaseEnabledUl
logicalChannelConfId	macBOPeriodicIncreasePeriodUl
logicalChannelGroupUL	macBOWeightUl
logicalChannelPrioritizedBitRateUL	macHARQMaxNumberOfTransmissionDl
logicalChannelPriorityDL	macHARQMaxTimerDl
logicalChannelPriorityUL	macInitialMCSIndexForBearerSetupDl
macBOIncreaseUponResourceRequestUL	macMIMOModeDl
macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUl	macOuterLoopBlerControlTargetBlerDl
macBOInitialValueUponHandoverUl	macSINROffsetForLinkAdaptationDl
macBOInitialValueUponULdataArrivalUL	rlcConfId
macBOMaxValueUl	signallingRadioBearerConfName
mACBOminimumPeriodicIncreaseValue	sRBIdentity

Table 233-2 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 233-3 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
Type	BucketSizeDurationEnum
Units	ms

Table 233-4 logicalChannelConfId

Name	Value
Description	This parameter points to the instance of the MO LogicalChannelConf that is used for configuration.
Export	no
Impact	No reset
Type	STRING

Table 233-5 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
Type	BufferOccupancyEnum

Table 233-6 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
Type	LogicalChannelPrioritizedBitRateEnum
Units	Kbytes/s

Table 233-7 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
Maximum	255
Minimum	1
Type	Integer

Table 233-8 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
Maximum	255
Minimum	1
Type	Integer

Table 233-9 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
Maximum	20000
Minimum	0
Type	Integer

Table 233-10 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
Maximum	20000
Minimum	0
Type	Integer

Table 233-11 macBOInitialValueUponHandoverUl

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	macBOInitialValueUponHandoverUl (General)
Impact	Partial reset
Maximum	200000
Minimum	0
Type	Integer

Table 233-12 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
Maximum	200000
Minimum	0
Type	Integer

Table 233-13 macBOMaxValueUl

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	macBOMaxValueUl (General)
Impact	Partial reset
Maximum	200000
Minimum	0
Type	Integer

Table 233-14 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
Maximum	512
Minimum	0
Type	Integer
Units	bytes

Table 233-15 macBOoverheadUl

Name	Value
Default	3
Description	This parameter specifies the estimated average UL MAC overhead per MAC PDU.
Displayed name	macBOoverheadUl (General)
Impact	Partial reset
Maximum	10
Minimum	0
Type	Integer

Table 233-16 macBOperiodicIncreaseEnabledUl

Name	Value
Default	disabled
Description	This parameter enables or disables periodic UL BO increase.
Displayed name	macBOperiodicIncreaseEnabledUl (General)
Impact	Partial reset
Type	DisabledEnabledEnum

Table 233-17 macBOPeriodicIncreasePeriodUl

Name	Value
Default	5
Description	This parameter specifies, in ms, the period of periodic Buffer Estimate increase when configured.
Displayed name	macBOPeriodicIncreasePeriodUl (General)
Impact	Partial reset
Maximum	250
Minimum	1
Type	Integer

Table 233-18 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
Maximum	255
Minimum	0
Type	Integer

Table 233-19 macHARQMaxNumberOfTransmissionDl

Name	Value
Default	8
Description	This parameter specifies the maximum number of HARQ transmissions attempts for DCCH.
Displayed name	macHARQMaxNumberOfTransmissionDl (General)
Impact	Partial reset
Maximum	8
Minimum	1
Type	Integer

Table 233-20 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	Partial reset
Maximum	500
Minimum	1
Type	Integer
Units	ms

Table 233-21 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	Partial reset
Maximum	28
Minimum	0
Type	Integer

Table 233-22 macMIMOModeDl

Name	Value
Default	mimoTwoLayersNotAllowed
Description	This parameter specifies the MIMO mode allowed for PDSCH.
Displayed name	macMIMOModeDl (General)
Impact	Partial reset
Type	MIMOModeEnum

Table 233-23 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	Partial reset
Maximum	50
Minimum	0
Type	Integer
Units	%

Table 233-24 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	Partial reset
Maximum	20
Minimum	-20
Step	0.25
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 233-25 rlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for configuration
Export	no
Impact	Partial reset
Type	STRING

Table 233-26 signallingRadioBearerConfName

Name	Value
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
Maximum	64
Minimum	0
Type	STRING
Unset supported	Yes

Table 233-27 sRBIdentity

Name	Value
Description	This parameter identifies the value of the SRB identity
Displayed name	sRBIdentity (General)
Impact	Partial reset
Maximum	2
Minimum	1
Type	Integer

234 —Signalling

Table 234-1 Signalling parameters

Parameters	
defaultIfIndex defaultIfVRtrId diameterOriginHost	diameterOriginRealm epcId siteIdAddressType

Table 234-2 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 234-3 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 234-4 diameterOriginHost

Name	Value
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 234-5 diameterOriginRealm

Name	Value
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 234-6 epcId

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 234-7 siteIdAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

235 —SimoResources

Table 235-1 id

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

236 —Snapshot

Table 236-1 Snapshot parameters

Parameters	
description	includeAllEntities
displayedName	includeManufacturerVisibility
id	includeReadOnlyAttributes
includeAdditionalInformation	includeStatesAndStatuses

Table 236-2 description

Name	Value
Default	
Description	Description for the Snapshot object.
Displayed name	Description (General)
Maximum	252
Minimum	0
Type	STRING

Table 236-3 displayedName

Name	Value
Default	
Description	Snapshot Name. Use to identify a snapshot object and associated export files. Only the characters a-z, A-Z, 0-9, and _ are allowed in the name.
Displayed name	Snapshot Name (General)
Mandatory on creation	Yes
Maximum	64
Minimum	1
Type	STRING

Table 236-4 id

Name	Value
Default	0
Description	Snapshot ID. Number generated and controlled by SAM.
Mandatory on creation	Yes
Maximum	2000000
Minimum	1
Type	Long integer

Table 236-5 includeAdditionalInformation

Name	Value
Default	false
Description	Export attributes with AdditionalInformation qualifier in the MIM.
Displayed name	Include Additional Information Attributes (General)
Type	Boolean

Table 236-6 includeAllEntities

Name	Value
Default	false
Description	Automatically include all entities in the network
Displayed name	Include all Snapshot Entities in the Network (General)

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Name	Value
Mandatory on creation	Yes
Type	Boolean

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Table 236-7 includeManufacturerVisibility

Name	Value
Default	false
Description	Export object and attributes with manufacturer visibility
Displayed name	Include Components and Attributes with Manufacturer Visibility (General)
Type	Boolean

Table 236-8 includeReadOnlyAttributes

Name	Value
Default	false
Description	Export attributes with read-only access right
Displayed name	Include Attributes with Read-Only Access (General)
Type	Boolean

Table 236-9 includeStatesAndStatuses

Name	Value
Default	false
Description	Export attributes with statesAndStatuses qualifier in the MIM.
Displayed name	Include States and Statuses (General)
Type	Boolean

237 —SoftwareControl

Table 237-1 SoftwareControl parameters

Parameters	
id notRunningSwVersion	runningSwVersion targetSwVersion

Table 237-2 id

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

Table 237-3 notRunningSwVersion

Name	Value
Default	
Description	The name of the not-running softwares descriptor file. Printable ASCII characters only.

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Name	Value
Displayed name	notRunningSwVersion (General)
Type	STRING

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Table 237-4 runningSwVersion

Name	Value
Default	
Description	The name of the running softwares descriptor file. Printable ASCII characters only.
Displayed name	runningSwVersion (General)
Type	STRING

Table 237-5 targetSwVersion

Name	Value
Default	
Description	Software version to be used for automatic upgrade
Displayed name	targetSwVersion (General)
Type	STRING
Unset supported	Yes

238 —SpeedDependentBroadcastConf

Table 238-1 id

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

239 —SpeedDependentConf

Table 239-1 id

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

240 —SpeedStateEvalBroadcastConf

Table 240-1 SpeedStateEvalBroadcastConf parameters

Parameters	
id nCellChangeHigh nCellChangeMedium qHystSfHigh	qHystSfMedium tEvaluation tHystNormal

Table 240-2 id

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

Table 240-3 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
Maximum	16
Minimum	1
Type	Integer
Units	number of cells changes

Table 240-4 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
Maximum	16
Minimum	1
Type	Integer
Units	number of cells changes

Table 240-5 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
Type	QHystSpeedFactorsHighEnum
Units	dB

Table 240-6 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
Type	QHystSpeedFactorsMediumEnum
Units	dB

Table 240-7 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
Type	TEvaluationEnum
Units	s

Table 240-8 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
Type	THystNormalEnum
Units	s

241 —SpeedStateEvalConf

Table 241-1 SpeedStateEvalConf parameters

Parameters	
id nCellChangeHigh nCellChangeMedium qHystSfHigh	qHystSfMedium tEvaluation tHystNormal

Table 241-2 id

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

Table 241-3 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
Maximum	16
Minimum	1
Type	Integer
Units	number of cells changes

Table 241-4 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
Maximum	16
Minimum	1
Type	Integer
Units	number of cells changes

Table 241-5 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
Type	QHystSpeedFactorsHighEnum
Units	dB

Table 241-6 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
Type	QHystSpeedFactorsMediumEnum
Units	dB

Table 241-7 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
Type	TEvaluationEnum
Units	s

Table 241-8 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
Type	THystNormalEnum
Units	s

242 —SubscAndEquipmentTraces

Table 242-1 SubscAndEquipmentTraces parameters

Parameters	
id isPCMDEnabled isPostMortemTraceEnabled	isSignBasedCTEnabled isSnapshotTraceEnabled

Table 242-2 id

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

Table 242-3 isPCMDEnabled

Name	Value
Default	false
Description	Activate or deactivate eNodeB PCMD collection

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Name	Value
Displayed name	isPCMDEnabled (General)
Impact	No reset
Type	Boolean

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Table 242-4 isPostMortemTraceEnabled

Name	Value
Default	false
Description	Activate or deactivate eNodeB post mortem debug trace collection
Impact	No reset
Type	Boolean

Table 242-5 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
Type	Boolean

Table 242-6 isSnapshotTraceEnabled

Name	Value
Default	false
Description	Activate or deactivate eNodeB snapshot debug trace collection
Impact	No reset
Type	Boolean

243 —SyncEClockSync

Table 243-1 SyncEClockSync parameters

Parameters	
id	syncEsupportSSM

Table 243-2 id

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

Table 243-3 syncEsupportSSM

Name	Value
Default	true
Description	Informs eNB whether transport network supports SSM. True=Enabled, False=Disabled
Displayed name	syncEsupportSSM (General)

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Name	Value
Impact	No reset
Type	Boolean

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244 —SysInfoConf

Table 244-1 SysInfoConf parameters

Parameters	
id	sib7SchedulingClass
numberRBnotForSIB	sib8SchedulingClass
sib13SchedulingClass	sibClass1TargetMCS
sib1TargetMCS	sibClass1TargetPeriodicity
sib2SchedulingClass	sibClass2TargetMCS
sib3SchedulingClass	sibClass2TargetPeriodicity
sib4SchedulingClass	sibClass3TargetMCS
sib5SchedulingClass	sibClass3TargetPeriodicity
sib6SchedulingClass	

Table 244-2 id

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

Table 244-3 numberRBnotForSIB

Name	Value
Default	8
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	Partial reset
Maximum	100
Minimum	0
Type	Integer

Table 244-4 sib13SchedulingClass

Name	Value
Default	3
Description	This parameter defines the SIB Scheduling Class id for SystemInformationBlockType 13.
Displayed name	sib13SchedulingClass (General)
Impact	No reset
Maximum	3
Minimum	1
Type	Integer

Table 244-5 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
Maximum	9
Minimum	0
Type	Integer

Table 244-6 sib2SchedulingClass

Name	Value
Default	1
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 2.
Displayed name	sib2SchedulingClass (General)
Impact	No reset
Maximum	3
Minimum	1
Type	Integer

Table 244-7 sib3SchedulingClass

Name	Value
Default	1
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 3.
Displayed name	sib3SchedulingClass (General)
Impact	No reset
Maximum	3
Minimum	1
Type	Integer

Table 244-8 sib4SchedulingClass

Name	Value
Default	2
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 4.
Displayed name	sib4SchedulingClass (General)
Impact	No reset
Maximum	3
Minimum	1
Type	Integer

Table 244-9 sib5SchedulingClass

Name	Value
Default	2
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 5.
Displayed name	sib5SchedulingClass (General)
Impact	No reset
Maximum	3
Minimum	1
Type	Integer

Table 244-10 sib6SchedulingClass

Name	Value
Default	3
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 6.
Displayed name	sib6SchedulingClass (General)
Impact	No reset
Maximum	3
Minimum	1
Type	Integer

Table 244-11 sib7SchedulingClass

Name	Value
Default	3
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 7.
Displayed name	sib7SchedulingClass (General)
Impact	No reset
Maximum	3
Minimum	1
Type	Integer

Table 244-12 sib8SchedulingClass

Name	Value
Default	2
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 8.
Displayed name	sib8SchedulingClass (General)
Impact	No reset
Maximum	3
Minimum	1
Type	Integer

Table 244-13 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
Maximum	9
Minimum	0
Type	Integer

Table 244-14 sibClass1TargetPeriodicity

Name	Value
Default	rf8
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
Type	SibClassPeriodicityEnum

Table 244-15 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
Maximum	9
Minimum	0
Type	Integer

Table 244-16 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
Type	SibClassPeriodicityEnum

Table 244-17 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.
Displayed name	sibClass3TargetMCS (General)
Impact	No reset
Maximum	9
Minimum	0
Type	Integer

Table 244-18 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
Type	SibClassPeriodicityEnum

245 —TimeToTriggerConf

Table 245-1 TimeToTriggerConf parameters

Parameters	
id timeToTriggerSfHigh	timeToTriggerSfMedium

Table 245-2 id

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

Table 245-3 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
Type	SpeedFactorsHighEnum

Table 245-4 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
Type	SpeedFactorsMediumEnum

246 —TmaSubUnit

Table 246-1 TmaSubUnit parameters

Parameters	
tmaAldRitNumber tmaBypassMode	tmaSelfTest tmaSubUnitIndex

Table 246-2 tmaAldRitNumber

Name	Value
Description	Unique identifier for a TMA within an eNB.
Mandatory on creation	Yes
Maximum	2147483647
Minimum	1
Type	Long integer

Table 246-3 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 246-4 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 246-5 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

247 —TrafficBasedReleaseConf

Table 247-1 TrafficBasedReleaseConf parameters

Parameters	
averageWindow	rrcOnlyCnxLifeTime
dlBufferOccupancyThreshold	timeToTrigger
dlThroughputThreshold	timeToTriggerUntil_V2_x
id	

Table 247-2 averageWindow

Name	Value
Displayed name	averageWindow (General)
Impact	No reset
Maximum	10000
Minimum	10
Step	10
Type	Integer
Units	ms

Table 247-3 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
Maximum	65535
Minimum	0
Type	Integer
Units	octets

Table 247-4 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
Maximum	32000
Minimum	0
Type	Integer
Units	b/s

Table 247-5 id

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

Table 247-6 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
Maximum	86400
Minimum	1
Type	Integer
Units	s

Table 247-7 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
Maximum	1080000
Minimum	1
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	s

Table 247-8 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
Maximum	1080000
Minimum	10
Step	10

(1 of 2)

Name	Value
Type	Integer
Units	ms

(2 of 2)

248 —TrafficDescriptor

Table 248-1 TrafficDescriptor parameters

Parameters	
eNBIpSecPolicy	ipv4SubNetMask
id	ipv4SubNetMaskType
ipConfigMode	ipv6Address
ipFormat	ipv6AddressFirstHopRouter
ipv4Address	ipv6AddressFirstHopRouterType
ipv4AddressFirstHopRouter	ipv6AddressType
ipv4AddressFirstHopRouterType	ipv6RoutingPrefixLength
ipv4AddressType	trafficTypeList

Table 248-2 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
Type	ENBIpSecPolicyType

Table 248-3 id

Name	Value
Description	TrafficDescriptor identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	2
Minimum	0
Type	Integer

Table 248-4 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
Type	IpConfigModeEnum

Table 248-5 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
Type	IpFormat

Table 248-6 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

(2 of 2)

Table 248-7 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 248-8 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 248-9 ipv4AddressType

Name	Value
Default	ipv4
Description	This attribute indicates IPv4 address for eNodeB application assigned to the traffic descriptor.
Export	no

(1 of 2)

Name	Value
Type	InetAddressType
Unset supported	Yes

(2 of 2)

Table 248-10 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 248-11 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 248-12 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
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 248-13 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)
Impact	Full reset
Null allowed	Yes
Type	IP address
Unset supported	Yes

Table 248-14 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 248-15 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 248-16 ipv6RoutingPrefixLength

Name	Value
Default	64
Description	This parameter specifies the IPv6 subnet mask for the TrafficDescriptor instance.
Displayed name	ipv6RoutingPrefixLength (General)

(1 of 2)

Name	Value
Impact	Full reset
Maximum	128
Minimum	0
Type	STRING
Unset supported	Yes

(2 of 2)

Table 248-17 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
Type	TrafficTypeListType

249 —TrafficRadioBearerConf

Table 249-1 TrafficRadioBearerConf parameters

Parameters	
dataForwardingForS1HoEnabled	macMIMOModeDl
dataForwardingForX2HoEnabled	macOuterLoopBlerControlTargetBlerDl
id	macSINROffsetForLinkAdaptationDl
logicalChannelbucketSizeDurationUL	packetDelayBudget
logicalChannelConfId	pdcpConfId
logicalChannelGroupUL	pdcpDlLosslessBufferCoefficients
logicalChannelPrioritizedBitRateUL	pdcpDlSourceS1BufferCoefficients
logicalChannelPriorityDL	pdcpDlTargetDataForwardingBufferCoefficients
logicalChannelPriorityUL	pdcpDlTargetS1BufferCoefficients
macBOIncreaseUponResourceRequestUl	pdcpLosslessBufferHigherThreshold
macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUl	pdcpLosslessBufferLowerThreshold
macBOInitialValueUponHandoverUl	pdcpUlTargetS1BufferCoefficients
macBOInitialValueUponULdataArrivalUL	qCI
macBOMaxValueUl	rlcConfId
mACBOminimumPeriodicIncreaseValue	rlcDiscardTimerEnb
macBOoverheadUl	rlcPdcpFlowControlEnabled
macBOperiodicIncreaseEnabledUl	rlcSduBufferCoefficients
macBOPeriodicIncreasePeriodUl	rlcSduBufferHigherThreshold
macBOWeightUl	rlcSduBufferLowerThreshold
macHARQMaxNumberOfTransmissionDl	rohcMaxCid
macHARQMaxTimerDl	rohcProfiles
macInitialMCSIndexForBearerSetupDl	trafficRadioBearerConfName

Table 249-2 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
Type	Boolean

Table 249-3 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
Type	Boolean

Table 249-4 id

Name	Value
Description	TrafficRadioBearerConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	254
Minimum	0
Type	Integer

Table 249-5 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
Type	BucketSizeDurationEnum
Units	ms

(2 of 2)

Table 249-6 logicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for configuration
Export	no
Impact	Partial reset
Type	STRING

Table 249-7 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
Type	BufferOccupancyEnum

Table 249-8 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
Type	LogicalChannelPrioritizedBitRateEnum
Units	Kbytes/s

Table 249-9 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
Maximum	255
Minimum	1
Type	Integer

Table 249-10 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
Maximum	255
Minimum	1
Type	Integer

Table 249-11 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
Maximum	20000
Minimum	0
Type	Integer

Table 249-12 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
Maximum	20000
Minimum	0
Type	Integer

Table 249-13 macBOInitialValueUponHandoverUl

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	macBOInitialValueUponHandoverUl (General)
Impact	Partial reset
Maximum	200000
Minimum	0
Type	Integer

Table 249-14 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
Maximum	200000
Minimum	0
Type	Integer

Table 249-15 macBOMaxValueUl

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	macBOMaxValueUl (General)
Impact	Partial reset
Maximum	200000
Minimum	0
Type	Integer

Table 249-16 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
Maximum	512
Minimum	0
Type	Integer
Units	bytes

Table 249-17 macBOoverheadUl

Name	Value
Default	3
Description	This parameter specifies the estimated average UL MAC overhead per MAC PDU.
Displayed name	macBOoverheadUl (General)
Impact	Partial reset
Maximum	10
Minimum	0
Type	Integer

Table 249-18 macBOperiodicIncreaseEnabledUl

Name	Value
Default	disabled
Description	This parameter enables or disables periodic UL BO increase.
Displayed name	macBOperiodicIncreaseEnabledUl (General)
Impact	Partial reset
Type	DisabledEnabledEnum

Table 249-19 macBOPeriodicIncreasePeriodUl

Name	Value
Default	5
Description	This parameter specifies, in ms, the period of periodic Buffer Estimate increase when configured.
Displayed name	macBOPeriodicIncreasePeriodUl (General)
Impact	Partial reset
Maximum	250
Minimum	1
Type	Integer

Table 249-20 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
Maximum	255
Minimum	0
Type	Integer

Table 249-21 macHARQMaxNumberOfTransmissionDl

Name	Value
Default	8
Description	This parameter specifies the maximum number of HARQ transmissions attempts for DTCH.
Displayed name	macHARQMaxNumberOfTransmissionDl (General)
Impact	Partial reset
Maximum	8
Minimum	1
Type	Integer

Table 249-22 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	Partial reset
Maximum	500
Minimum	1
Type	Integer
Units	ms

Table 249-23 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	Partial reset
Maximum	28
Minimum	0
Type	Integer

Table 249-24 macMIMOModeDl

Name	Value
Default	mimoTwoLayersNotAllowed
Description	This parameter specifies the MIMO mode allowed for PDSCH.
Displayed name	macMIMOModeDl (General)
Impact	Partial reset
Type	MIMOModeEnum

Table 249-25 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	Partial reset
Maximum	50
Minimum	0
Type	Integer
Units	%

Table 249-26 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	Partial reset
Maximum	20
Minimum	-20
Step	0.25
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 249-27 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
Maximum	10000
Minimum	30
Step	10
Type	Integer
Units	ms

Table 249-28 pdcpConfId

Name	Value
Description	This parameter indicates the instance of the MO PdcpConf used for configuration
Export	no
Impact	No reset
Type	STRING

Table 249-29 pdcpDlLosslessBufferCoefficients

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 = Min [(SF + SA), 4096] 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 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
Type	PdcpDlLosslessBufferCoefficientsType

Table 249-30 pdcpDlSourceS1BufferCoefficients

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 = 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 DL. WQ is an integer between 0 and 100. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset
Type	PdcpDlSourceS1BufferCoefficientsType

Table 249-31 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 = 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 DL. WQ is an integer between 0 and 100. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset
Type	PdcpDlTargetDataForwardingBufferCoefficientsType

Table 249-32 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 = 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 DL. WQ is an integer between 0 and 100. The parameter list is {SF, SC, T, WQ, AP}.
Impact	No reset
Type	PdcpDlTargetS1BufferCoefficientsType

Table 249-33 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
Maximum	100
Minimum	0
Type	Integer

Table 249-34 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
Maximum	100
Minimum	0
Type	Integer

Table 249-35 pdcpUlTargetS1BufferCoefficients

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
Type	PdcpUlTargetS1BufferCoefficientsType

Table 249-36 qCI

Name	Value
Description	This parameter identifies the value of the QoS Class Identifier (QCI)
Displayed name	qCI (General)
Impact	Partial reset
Maximum	255
Minimum	1
Type	Integer

Table 249-37 rlcConfId

Name	Value
Description	This parameter indicates the instance of the MO RlcConf used for configuration
Export	no
Impact	Partial reset
Type	STRING

Table 249-38 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	Partial reset
Type	PdcpDiscardTimerEnum

Table 249-39 rlcPdcpFlowControlEnabled

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	rlcPdcpFlowControlEnabled (General)
Impact	Partial reset
Type	Boolean

Table 249-40 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 = Ceil [(GBR*T*WQ/100)/8000] For Non-GBR bearers: SA = 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	Partial reset
Type	RlcSduBufferCoefficientsType

Table 249-41 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	Partial reset
Maximum	100
Minimum	0
Type	Integer

Table 249-42 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	Partial reset
Maximum	100
Minimum	0
Type	Integer

Table 249-43 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

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Name	Value
Maximum	8191
Minimum	0
Type	Integer

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Table 249-44 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 compulsary, 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
Maximum	9
Minimum	9
Type	STRING

Table 249-45 trafficRadioBearerConfName

Name	Value
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
Maximum	64
Minimum	0
Type	STRING
Unset supported	Yes

250 —TrustedPeerListEntry

Table 250-1 TrustedPeerListEntry parameters

Parameters	
communication gtpEcho	peerListAdminState peerListPrefixLen

Table 250-2 communication

Name	Value
Default	true
Type	Boolean

Table 250-3 gtpEcho

Name	Value
Default	true
Type	Boolean

Table 250-4 peerListAdminState

Name	Value
Default	outOfService
Description	specifies the desired administrative state of this peer list entry.
Displayed name	Administrative State (General)
Type	AdministrativeState

Table 250-5 peerListPrefixLen

Name	Value
Default	No default
Maximum	32
Minimum	0
Type	acl.IpAddrMask

251 —TrustedPeerListPolicy

Table 251-1 TrustedPeerListPolicy parameters

Parameters	
communication	gtpEcho

Table 251-2 communication

Name	Value
Default	true
Type	Boolean

Table 251-3 gtpEcho

Name	Value
Default	true
Type	Boolean

252 —UEAdaptiveBeamForming

Table 252-1 UEAdaptiveBeamForming parameters

Parameters	
antennaUnitDistance	sinrOffsetForMcsSelection
beamFormingAlgo	speedThresholdBetweenTxDivAndBeamFormingIntraTm7
controlChannelTransmissionScheme	uLCEMSEThresholdBetweenTxDivAndBeamFormingIntraTm7
fullBWEBBWeightStabilityThresholdBetweenTxDivAndBeamFormingIntraTm	uLCESINRThresholdBetweenTxDivAndBeamFormingIntraTm7
id	weightSpatialStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7
sinrOffsetFlag	weightTimeStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7
sinrOffsetForBeamformingCQICompensation	

Table 252-2 antennaUnitDistance

Name	Value
Default	0.5
Description	This parameter indicates physical Antenna unit distance normalized by wavelength.
Displayed name	antennaUnitDistance (General)
Impact	Partial reset
Maximum	10
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 252-3 beamFormingAlgo

Name	Value
Default	Per_RB_MRT
Description	To specify the applied DL port 5 beamforming algorithm
Displayed name	beamFormingAlgo (General)
Impact	Partial reset
Type	BeamFormingAlgoEnum

Table 252-4 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
Type	ControlChannelTransmissionSchemeEnum

Table 252-5 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
Maximum	1
Minimum	0
Step	0.001
Type	IP address exclusively (hostname not allowed)

Table 252-6 id

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

Table 252-7 sinrOffsetFlag

Name	Value
Default	OAM_Configuration
Description	This parameter is a flag to indicate where SINR offset shall come from used by L2 DL schedular.
Displayed name	sinrOffsetFlag (General)
Impact	Partial reset
Type	SinrOffsetFlagEnum

Table 252-8 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
Maximum	9
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 252-9 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
Maximum	9
Minimum	0
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 252-10 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
Maximum	500
Minimum	0
Step	0.5
Type	IP address exclusively (hostname not allowed)
Units	km/hr

Table 252-11 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
Maximum	60
Minimum	0

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Name	Value
Step	0.001
Type	IP address exclusively (hostname not allowed)

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Table 252-12 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
Maximum	51.1
Minimum	-51.2
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

Table 252-13 weightSpatialStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7

Name	Value
Default	180
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 TxD, in transmission mode 7.
Displayed name	weightSpatialStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7 (General)
Impact	Partial reset
Maximum	359
Minimum	0
Type	Integer

Table 252-14 weightTimeStabilityThresholdBetweenTxDivAndBeamFormingIntraTm7

Name	Value
Default	1
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
Maximum	1
Minimum	0
Step	0.001
Type	IP address exclusively (hostname not allowed)

253 —UeTimers

Table 253-1 UeTimers parameters

Parameters	
id	t304
n310	t304CellChangeOrder
n311	t310
t300	t311
t301	t320
t302	tOverload

Table 253-2 id

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

Table 253-3 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
Type	N310Enum

Table 253-4 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
Type	N311Enum

Table 253-5 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
Type	T300Enum
Units	ms

Table 253-6 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
Type	T301Enum
Units	ms

Table 253-7 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
Maximum	16
Minimum	1
Type	Integer
Units	s

Table 253-8 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
Type	T304Enum
Units	ms

Table 253-9 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
Type	T304CellChangeOrderEnum
Units	ms

Table 253-10 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
Type	T310Enum
Units	ms

Table 253-11 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
Type	T311Enum
Units	ms

Table 253-12 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
Type	RrcT320Enum
Units	s
Unset supported	Yes

Table 253-13 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
Maximum	16
Minimum	1
Type	Integer
Units	s

254 —ULPowerControlConf

Table 254-1 ULPowerControlConf parameters

Parameters	
accumulationEnabled	maxSIRtargetForFractionalPowerCtrl
deltaFPUCCHFormat1	minSIRtargetForFractionalPowerCtrl
deltaFPUCCHFormat1b	p0NominalPUCCH
deltaFPUCCHFormat2	p0NominalPUSCH
deltaFPUCCHFormat2a	p0uePUCCH
deltaFPUCCHFormat2b	pathLossNominal
deltaPreambleMsg3	pSRSOffset
filterCoefficient	pUSCHPowerControlAlphaFactor
id	puschPowerCtrlMode
initialPowerHeadroomValue	sIRTargetforReferencePUCCHFormat

Table 254-2 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
Type	Boolean

Table 254-3 deltaFPUCCHFormat1

Name	Value
Description	Defines power offset value for PUCCH Format 1.
Displayed name	deltaFPUCCHFormat1 (General)
Impact	Partial reset
Type	DeltaFPUCCHFormat1Enum

Table 254-4 deltaFPUCCHFormat1b

Name	Value
Description	Defines power offset value for PUCCH Format 1b.
Displayed name	deltaFPUCCHFormat1b (General)
Impact	Partial reset
Type	DeltaFPUCCHFormat1bEnum

Table 254-5 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
Type	DeltaFPUCCHFormat2Enum
Unset supported	Yes

Table 254-6 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
Type	DeltaFPUCCHFormat2aEnum
Unset supported	Yes

Table 254-7 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
Type	DeltaFPUCCHFormat2bEnum
Unset supported	Yes

Table 254-8 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	No reset
Maximum	12
Minimum	-2
Step	2
Type	Integer
Units	dB

Table 254-9 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
Type	FilterCoeffEnum
Unset supported	Yes

Table 254-10 id

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

Table 254-11 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
Maximum	40
Minimum	-23
Type	Integer

Table 254-12 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
Maximum	25
Minimum	-5
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 254-13 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
Maximum	25
Minimum	-5
Step	0.1
Type	IP address exclusively (hostname not allowed)

Table 254-14 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
Maximum	-96
Minimum	-127
Type	Integer
Units	dBm

Table 254-15 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
Maximum	24
Minimum	-126
Type	Integer
Units	dBm

Table 254-16 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
Maximum	7
Minimum	-8
Type	Integer
Units	dBm

Table 254-17 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
Maximum	127
Minimum	0
Type	Integer
Units	dB

Table 254-18 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 â 3. For Ks=0, the actual parameter value is -10.5 + 1.5*pSRS-Offset value.
Displayed name	pSRSOffset (General)
Impact	Partial reset
Maximum	15
Minimum	0
Type	Integer

Table 254-19 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
Type	PUSCHPowerControlAlphaFactorEnum

Table 254-20 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
Type	PuschPowerCtrlModeEnum

Table 254-21 sIRTargetforReferencePUCCHFormat

Name	Value
Default	0
Description	Internal parameter. SINR target value in dB.
Displayed name	sIRTargetforReferencePUCCHFormat (General)
Impact	Partial reset
Maximum	25
Minimum	-5
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

255 —ULSemiStaticSchedulingConf

Table 255-1 ULSemiStaticSchedulingConf parameters

Parameters	
id isFrequencyHoppingEnabledForSSgrants mCSIndexForAperiodicCQIReport numberOfPRBs	numberOfPRBsForAperiodicCQIReport periodicRate semiStaticULMCSIndex

Table 255-2 id

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

Table 255-3 isFrequencyHoppingEnabledForSSgrants

Name	Value
Default	true
Description	indicate if Frequency hopping is required for Semi-Static HARQ retransmissions
Displayed name	IsFrequencyHoppingEnabledForSSgrants (General)
Impact	Full reset
Type	Boolean

Table 255-4 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
Maximum	16
Minimum	0
Type	Integer

Table 255-5 numberOfPRBs

Name	Value
Description	Number of UL PRBs used for semi-static pattern.
Displayed name	numberOfPRBs (General)
Impact	Partial reset
Maximum	10
Minimum	6
Type	Integer

Table 255-6 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
Maximum	6
Minimum	1
Type	Integer

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Table 255-7 periodicRate

Name	Value
Default	20
Description	Period of semi-static pattern. In ms.
Displayed name	periodicRate (General)
Impact	Partial reset
Maximum	255
Minimum	1
Type	Integer
Units	ms

Table 255-8 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
Maximum	9
Minimum	0
Type	Integer

256 —UlTrafficSchedulingPriorityMapping

Table 256-1 UlTrafficSchedulingPriorityMapping parameters

Parameters	
id ulSchedulingFlowProfile	ulSchedulingPriority

Table 256-2 id

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

Table 256-3 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
Type	UlSchedulingFlowProfileEnum

Table 256-4 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
Maximum	16
Minimum	0
Type	Integer

257 —UnmanagedNetworkElement

Table 257-1 UnmanagedNetworkElement parameters

Parameters	
description neType	systemAddress systemAddressAddressType

Table 257-2 description

Name	Value
Default	Unmanaged NE
Description	Description field.
Displayed name	Description (General)
Maximum	250
Minimum	0
Type	STRING

Table 257-3 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.

(1 of 2)

Name	Value
Displayed name	Unmanaged NE Type (General)
Mandatory on creation	Yes
Type	UnmanagedNeType

(2 of 2)

Table 257-4 systemAddress

Name	Value
Default	0.0.0.0
Description	The IPv4 address assigned to this Unmanaged NE. Do not confuse with siteId being inherited from NetworkSite.
Mandatory on creation	Yes
Type	IP address

Table 257-5 systemAddressAddressType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

258 —UnmanagedPdnGateway

Table 258-1 UnmanagedPdnGateway parameters

Parameters	
epcId id	siteAddressType

Table 258-2 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 258-3 id

Name	Value
Default	0
Mandatory on creation	Yes

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Name	Value
Maximum	1000
Minimum	1
Type	Long integer

(2 of 2)

Table 258-4 siteAddressType

Name	Value
Default	No default
Mandatory on creation	Yes
Type	InetAddressType

259 —UplinkMimo

Table 259-1 UplinkMimo parameters

Parameters	
id ulMIMOPHthreshold ulMIMOPRBthreshold	ulMIMOULPLDthreshold ulMIMOULPLDthresholdFlag ulMIMOULPLthreshold

Table 259-2 id

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

Table 259-3 ulMIMOPHthreshold

Name	Value
Default	0
Description	defines Minimum power headroom to be considered for UL-MU-MIMO scheduling

(1 of 2)

Name	Value
Displayed name	ulMIMOPHthreshold (General)
Impact	Partial reset
Maximum	0
Minimum	-150
Step	0.1
Type	IP address exclusively (hostname not allowed)

(2 of 2)

Table 259-4 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
Maximum	100
Minimum	2
Type	Integer

Table 259-5 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
Maximum	300
Minimum	0
Type	Integer
Units	dB

Table 259-6 ulMIMOULPLDthresholdFlag

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

Table 259-7 ulMIMOULPLthreshold

Name	Value
Default	0
Description	defines UL path loss threshold for UL MIMO
Displayed name	ulMIMOULPLthreshold (General)
Impact	Partial reset
Maximum	0
Minimum	-150
Step	0.1
Type	IP address exclusively (hostname not allowed)
Units	dB

260 —UtraFddNeighboringCellRelation

Table 260-1 UtraFddNeighboringCellRelation parameters

Parameters	
cId	rac
id	rdnId
lac	rncAccessId
measuredByAnr	utraFddNeighboringFreqConfId
noRemove	utraSystemInformationContainer
physCellIdUTRA	voiceOverIpEnabled

Table 260-2 cId

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	cId (General)
Impact	No reset
Maximum	65535
Minimum	0
Type	Integer

Table 260-3 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 260-4 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
Maximum	4
Minimum	2
Type	STRING

Table 260-5 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 260-6 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
Type	Boolean

Table 260-7 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)
Impact	No reset
Maximum	511
Minimum	0
Type	Integer

Table 260-8 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
Maximum	2
Minimum	1
Type	STRING
Units	hex

Table 260-9 rdnId

Name	Value
Description	RDN of the MIB object instance
Displayed name	rdnId (General)
Mandatory on creation	Yes
Maximum	64
Minimum	0
Type	Integer

Table 260-10 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 FDD cell modeled by this instance of UtraFddNeighboringCellRelation MO
Export	no
Impact	No reset
Type	STRING
Unset supported	Yes

Table 260-11 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
Type	STRING

Table 260-12 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 hexadicimal digits corresponds to an octet string of size 1000.
Displayed name	utraSystemInformationContainer (General)
Impact	No reset
Maximum	2000
Minimum	0
Type	STRING
Units	hex
Unset supported	Yes

Table 260-13 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
Type	Boolean

261 —UtraFddNeighboringFreqConf

Table 261-1 UtraFddNeighboringFreqConf parameters

Parameters	
bandUtraFdd carrierFreq id	priorityOfBandUtraFdd priorityOfFreq

Table 261-2 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
Type	SupportedBandUtraFddEnum

Table 261-3 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
Maximum	16383
Minimum	0
Type	Integer

Table 261-4 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 261-5 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
Maximum	7
Minimum	0
Type	Integer

Table 261-6 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
Maximum	7
Minimum	0
Type	Integer

262 —UtraFddNeighboring

Table 262-1 id

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

263 —UtranAccessGroup

Table 263-1 id

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

264 —UtraNeighboring

Table 264-1 UtraNeighboring parameters

Parameters	
id	tReselectionUtra

Table 264-2 id

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

Table 264-3 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)

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Name	Value
Impact	No reset
Maximum	7
Minimum	0
Type	Integer
Units	s

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265 —UtraSpeedConf

Table 265-1 UtraSpeedConf parameters

Parameters	
id tReselectionUtraSfHigh	tReselectionUtraSfMedium

Table 265-2 id

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

Table 265-3 tReselectionUtraSfHigh

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	tReselectionUtraSfHigh (General)
Impact	No reset
Type	SpeedFactorsHighEnum

Table 265-4 tReselectionUtraSfMedium

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	tReselectionUtraSfMedium (General)
Impact	No reset
Type	SpeedFactorsMediumEnum

266 —UtraSpeedDependentConf

Table 266-1 UtraSpeedDependentConf parameters

Parameters	
id tReselectionUtraSfHigh	tReselectionUtraSfMedium

Table 266-2 id

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

Table 266-3 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
Type	SpeedFactorsHighEnum

Table 266-4 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
Type	SpeedFactorsMediumEnum

267 —UtraTddNeighboringCellRelation

Table 267-1 UtraTddNeighboringCellRelation parameters

Parameters	
cId	rdnId
id	rncAccessId
lac	utraTddNeighboringFreqConfId
physCellIdUTRATdd	voiceOverIpEnabled
rac	

Table 267-2 cId

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	cId (General)
Impact	No reset
Maximum	65535
Minimum	0
Type	Integer

Table 267-3 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 267-4 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
Maximum	4
Minimum	2
Type	STRING
Units	hex

Table 267-5 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 MeasResults in the IE MeasResultUTRA.
Displayed name	physCellIdUTRATdd (General)
Impact	No reset
Maximum	127
Minimum	0
Type	Integer

Table 267-6 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
Maximum	2
Minimum	1
Type	STRING
Units	hex

Table 267-7 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 267-8 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
Type	STRING
Unset supported	Yes

Table 267-9 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
Type	STRING

Table 267-10 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
Type	Boolean

268 —UtraTddNeighboringFreqConf

Table 268-1 UtraTddNeighboringFreqConf parameters

Parameters	
bandUtraTdd128 bandUtraTdd384 bandUtraTdd768 carrierFreq	id priorityOfBandUtraTdd priorityOfFreq

Table 268-2 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
Type	SupportedBandUtraTddEnum
Unset supported	Yes

Table 268-3 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
Type	SupportedBandUtraTddEnum
Unset supported	Yes

Table 268-4 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
Type	SupportedBandUtraTddEnum
Unset supported	Yes

Table 268-5 carrierFreq

Name	Value
Description	The IE carrierFreq is 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
Maximum	16383
Minimum	0
Type	Integer

Table 268-6 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 268-7 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
Maximum	7
Minimum	0
Type	Integer

Table 268-8 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
Maximum	7
Minimum	0
Type	Integer

269 —UtraTddNeighboring

Table 269-1 id

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

270 —Vlan

Table 270-1 Vlan parameters

Parameters	
id vLanId	vLanName

Table 270-2 id

Name	Value
Description	Vlan identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	2
Minimum	0
Type	Integer

Table 270-3 vLanId

Name	Value
Description	This parameter assigns the VLAN ID of the VLAN.
Displayed name	vLanId (General)
Impact	Full reset

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Name	Value
Maximum	4095
Minimum	2
Type	Integer

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Table 270-4 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	Full reset
Maximum	64
Minimum	0
Type	STRING
Unset supported	Yes

271 —X2AccessGroup

Table 271-1 id

Name	Value
Description	X2AccessGroup identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

272 —X2Access

Table 272-1 X2Access parameters

Parameters	
administrativeState	noX2HO
defaultX2TimeToWait	plmnMobileCountryCode
directFwdPathAvailability	plmnMobileNetworkCode
id	rdnId
macroEnbId	remoteIpAddress
macroEnbIdUntil_V2_x	remoteIpAddressType
noRemove	s1HoTimersConfId
noX2	

Table 272-2 administrativeState

Name	Value
Default	unlocked
Displayed name	Administrative State (States)
Type	AdministrativeStateType

Table 272-3 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
Type	TimeToWaitEnum
Units	s

Table 272-4 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
Type	Boolean

Table 272-5 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 272-6 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

(2 of 2)

Table 272-7 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 272-8 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
Type	Boolean

Table 272-9 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
Type	Boolean

Table 272-10 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
Type	Boolean

Table 272-11 plmnMobileCountryCode

Name	Value
Default	select
Description	value identifying the country covered and helpfull to identify the target eNB
Displayed name	plmnMobileCountryCode (General)
Type	MobileCountryCode

Table 272-12 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 272-13 rdnId

Name	Value
Description	Id (rdn) attribute, identifying the X2Access object instance.
Displayed name	rdnId (General)
Mandatory on creation	Yes
Maximum	31
Minimum	0
Type	Integer

Table 272-14 remoteIpAddress

Name	Value
Default	0.0.0.0
Displayed name	Remote IP Address (General)
Mandatory on creation	Yes
Null allowed	Yes
Type	IP address

Table 272-15 remoteIpAddressType

Name	Value
Default	ipv4
Mandatory on creation	Yes
Type	InetAddressType

Table 272-16 s1HoTimersConfId

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
Type	STRING

273 —X2GtpConf

Table 273-1 X2GtpConf parameters

Parameters	
endDataFwdTarget	n3Request
endFwdData	startNewPathData
endX2HoDataFwdTarget	t3Response
id	x2EchoRequestInterval

Table 273-2 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 ressouces of X2 eGTP tunnel.
Displayed name	endDataFwdTarget (General)
Impact	Full reset
Maximum	5000
Minimum	1
Type	Integer

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Name	Value
Units	ms
Unset supported	Yes

(2 of 2)

Table 273-3 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 ressouces of X2 GTP-U tunnel.
Displayed name	endFwdData (General)
Impact	No reset
Maximum	5000
Minimum	1
Type	Integer
Units	ms
Unset supported	Yes

Table 273-4 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 ressouces of X2 eGTP tunnel.
Displayed name	endX2HoDataFwdTarget (General)
Impact	No reset
Maximum	5000
Minimum	1
Type	Integer
Units	ms
Unset supported	Yes

Table 273-5 id

Name	Value
Description	X2GtpConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 273-6 n3Request

Name	Value
Default	5
Description	Maximum number of attempts to send Echo Request message
Displayed name	n3Request (General)
Impact	Full reset
Maximum	10
Minimum	1
Type	Integer

Table 273-7 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 eventualy 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
Maximum	5000
Minimum	0
Type	Integer

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Name	Value
Units	ms
Unset supported	Yes

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Table 273-8 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
Maximum	5
Minimum	1
Type	Integer
Units	s

Table 273-9 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 â0â 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
Maximum	600
Minimum	0
Step	10
Type	Integer
Units	s

274 —X2LoadIndicationConf

Table 274-1 X2LoadIndicationConf parameters

Parameters	
hIIPeriod id oIPeriod oIThresholdH2M oIThresholdL2M	oIThresholdX2H oIThresholdX2L rNTPPeriod rNTPThreshold

Table 274-2 hIIPeriod

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	hIIPeriod (General)
Impact	Partial reset
Maximum	300
Minimum	0.02
Step	0.02
Type	IP address exclusively (hostname not allowed)
Units	s

Table 274-3 id

Name	Value
Description	X2LoadIndicationConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 274-4 oIPeriod

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	oIPeriod (General)
Impact	Partial reset
Maximum	300
Minimum	0.02
Step	0.02
Type	IP address exclusively (hostname not allowed)
Units	s

Table 274-5 oIThresholdH2M

Name	Value
Description	oIThresholdX2L, oIThresholdL2M, oIThresholdH2M, oIThresholdX2H 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 oIThresholdH2M, set "UL Interference Overload Indication" to "Medium interference"; oIThresholdH2M range from RTWP_LEV_000 to RTWP_LEV_511; It must be satisfied that oIThresholdX2L < oIThresholdL2M < oIThresholdH2M < oIThresholdX2H.
Displayed name	oIThresholdH2M (General)
Impact	Partial reset
Maximum	511
Minimum	0
Type	Integer

Table 274-6 oIThresholdL2M

Name	Value
Description	oIThresholdX2L, oIThresholdL2M, oIThresholdH2M, oIThresholdX2H 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 oIThresholdL2M, set "UL Interference Overload Indication" to "Medium interference"; oIThresholdL2M range from RTWP_LEV_000 to RTWP_LEV_511; It must be satisfied that oIThresholdX2L < oIThresholdL2M < oIThresholdH2M < oIThresholdX2H.
Displayed name	oIThresholdL2M (General)
Impact	Partial reset
Maximum	511
Minimum	0
Type	Integer

Table 274-7 oIThresholdX2H

Name	Value
Description	oIThresholdX2L, oIThresholdL2M, oIThresholdH2M, oIThresholdX2H 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 oIThresholdX2H, set "UL Interference Overload Indication" to "High interference"; oIThresholdX2H range from RTWP_LEV_000 to RTWP_LEV_511; It must be satisfied that oIThresholdX2L < oIThresholdL2M < oIThresholdH2M < oIThresholdX2H.
Displayed name	oIThresholdX2H (General)
Impact	Partial reset
Maximum	511
Minimum	0
Type	Integer

Table 274-8 oIThresholdX2L

Name	Value
Description	oIThresholdX2L, oIThresholdL2M, oIThresholdH2M, oIThresholdX2H 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 oIThresholdX2L, set "UL Interference Overload Indication" to "low interference"; oIThresholdX2L range from RTWP_LEV_000 to RTWP_LEV_511; It must be satisfied that oIThresholdX2L < oIThresholdL2M < oIThresholdH2M < oIThresholdX2H.
Displayed name	oIThresholdX2L (General)
Impact	Partial reset
Maximum	511

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Name	Value
Minimum	0
Type	Integer

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Table 274-9 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
Maximum	300
Minimum	0.02
Step	0.02
Type	IP address exclusively (hostname not allowed)
Units	s

Table 274-10 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
Type	RNTPThresholdEnum

275 —X2QosConf

Table 275-1 X2QosConf parameters

Parameters	
dscpForX2Sctp id	vLanPriorityForX2Sctp

Table 275-2 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
Type	DscpEnum
Unset supported	Yes

Table 275-3 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

(2 of 2)

Table 275-4 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
Maximum	7
Minimum	0
Type	Integer
Unset supported	Yes

276 —X2QosMapping

Table 276-1 X2QosMapping parameters

Parameters	
dscp id serviceProfile	serviceProfileUntil_V2_x vLanPriority

Table 276-2 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
Type	DscpEnum
Unset supported	Yes

Table 276-3 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 276-4 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
Maximum	255
Minimum	1
Type	Integer

Table 276-5 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
Type	ServiceProfileenum

Table 276-6 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
Maximum	7

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Name	Value
Minimum	0
Type	Integer
Unset supported	Yes

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277 —X2SctpLayerConf

Table 277-1 X2SctpLayerConf parameters

Parameters	
id	sctpAccessLinkFailureRetryInterval
sctpAccessAssociationMaxRetrans	sctpAccessMaxInitRetransmits
sctpAccessEstablishmentMaxRetries	sctpAccessPathMaxRetrans
sctpAccessEstablishmentRetryInterval	sctpAssocHeartbeatInterval
sctpAccessLinkFailureMaxRetries	sctpAssocLocalPort

Table 277-2 id

Name	Value
Description	X2SctpLayerConf identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 277-3 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
Maximum	255
Minimum	0
Type	Integer

Table 277-4 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
Maximum	255
Minimum	0
Type	Integer

Table 277-5 sctpAccessEstablishmentRetryInterval

Name	Value
Description	Defines the interval between retransmissions at sctp association establishment.
Displayed name	sctpAccessEstablishmentRetryInterval (General)
Impact	Partial reset
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 277-6 sctpAccessLinkFailureMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions after detection of link failure.
Displayed name	sctpAccessLinkFailureMaxRetries (General)
Impact	Full reset
Maximum	255
Minimum	0
Type	Integer

Table 277-7 sctpAccessLinkFailureRetryInterval

Name	Value
Description	Defines the interval between retransmissions after detection of link failure.
Displayed name	sctpAccessLinkFailureRetryInterval (General)
Impact	Full reset
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 277-8 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
Maximum	255
Minimum	0
Type	Integer

Table 277-9 sctpAccessPathMaxRetrans

Name	Value
Default	5
Description	This parameter defines the maximum number of retransmissions of Data and/ot Heartbeat messages on a transmission path before the sctp association declares a path failure.
Displayed name	sctpAccessPathMaxRetrans (General)
Impact	Partial reset
Maximum	255
Minimum	0
Type	Integer

Table 277-10 sctpAssocHeartbeatInterval

Name	Value
Default	30000
Description	Heartbeat Interval timer value for the sctp entities.
Displayed name	sctpAssocHeartbeatInterval (General)
Impact	Partial reset
Maximum	1048575
Minimum	0
Type	Integer
Units	ms

Table 277-11 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
Maximum	65000
Minimum	0
Type	Integer

278 —X2Services

Table 278-1 id

Name	Value
Description	X2Services identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	1
Minimum	0
Type	Integer

279 —X2TransportLayerAccess

Table 279-1 X2TransportLayerAccess parameters

Parameters	
id sctpAssocRemAddr sctpAssocRemAddrIpv6 sctpAssocRemAddrIpv6Type sctpAssocRemAddrType	sctpAssocRemPort x2GtpConfId x2QosConfId x2SctpLayerConfId

Table 279-2 id

Name	Value
Description	X2TransportLayerAccess identifier
Displayed name	id (General)
Mandatory on creation	Yes
Maximum	0
Minimum	0
Type	Integer

Table 279-3 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
Type	SctpAssocRemAddrType
Unset supported	Yes

Table 279-4 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
Type	SctpAssocRemAddrIpv6Type
Unset supported	Yes

Table 279-5 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 279-6 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 279-7 sctpAssocRemPort

Name	Value
Description	Association remote port number on MME/neighbour eNodeB for this SCTP association
Displayed name	sctpAssocRemPort (General)
Impact	Full reset
Maximum	65000
Minimum	0
Type	Integer

Table 279-8 x2GtpConfId

Name	Value
Description	ID of the associated X2GtpConf object.
Export	no
Impact	Full reset
Mandatory on creation	Yes
Type	STRING

Table 279-9 x2QosConfId

Name	Value
Description	ID of the associated X2QosConf object.
Export	no
Impact	Full reset
Mandatory on creation	Yes
Type	STRING

Table 279-10 x2SctpLayerConfId

Name	Value
Description	ID of the associated X2SctpLayerConf object.
Export	no
Impact	Full reset
Mandatory on creation	Yes
Type	STRING

280 —Equipment types

Table 280-1 AdministrativeState

Name	Value
Diagnose	• name: diagnose • selectable: no • value: 4
Diagnose	• name: portDiagnose • selectable: no • value: 4
Down	• name: outOfService • value: 3
Down	• name: portOutOfService • value: 3
Locked	• name: locked • selectable: no • value: 10
Maintenance	• name: maintenance • value: 11
Not Relevant	• name: notRelevant • selectable: no • value: 7
Operate Switch	• name: operateSwitch • selectable: no • value: 5
Shutting Down	• name: shuttingDown • selectable: no • value: 6

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Name	Value
Unknown	• name: noop • selectable: no • value: 1
Unknown	• name: portNoop • selectable: no • value: 1
Unlocked	• name: unlocked • selectable: no • value: 8
Up	• name: inService • value: 2
Up	• name: portInService • value: 2

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281 —FM types

Table 281-1 Severity

Name	Value
	• name: cleared • value: 1
	• name: condition • value: 4
	• name: critical • value: 8
	• name: indeterminate • value: 2
	• name: info • value: 3
	• name: major • value: 7
	• name: minor • value: 6
	• name: noalarm • selectable: no • value: -1
	• name: warning • value: 5

282 —LTE types

Table 282-1 ltetypes parameters

Parameters	
AccessBarringStatusEnum	BucketSizeDurationEnum
AccessBarringTimeEnum	BufferOccupancyEnum
AccessProbabilityFactorEnum	Cdma2000TypeEnum
AdaptiveModeOfPdcchFormatEnum	CellBarredEnum
AdminState	CellOffsetEnum
AdministrativeState	CellReservationEnum
AdministrativeStatePlusInherit	CellSizeEnum
AdministrativeStateType	ClockSynchroModeEnum
AggServiceType	CommonSFAllocPeriodEnum
AmountOfReportingUtraEnum	CompactFlash
AntennaPortsCountEnum	ComponentType
AperiodicCQIuserListUpdatePeriodEnum	ConnectionType
ApnRestrictionTypeEnum	ControlChannelTransmissionSchemeEnum
ApnTypeEnum	CqiFormatIndicatorPeriodicEnum
ApplicationType	CqiInitPeriodEnum
B2ThresholdGERANEnum	CqiPeriodTDDEnum
BandGeranEnum	CqiReportingModeAperiodicEnum
BandIndicatorGERANEnum	CqiReportingModeAperiodicEnumFDD
BasicSchedulingModeEnum	DciFormatSelectorForTPCEnum
BeamFormingAlgoEnum	DefaultPagingCycleEnum
BearerTypeEnum	

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Parameters	
DeltaFPUCCHFormat1bEnum	LteRedundancy
DeltaFPUCCHFormat1Enum	MacContentionResolutionTimerEnum
DeltaFPUCCHFormat2aEnum	MaxHARQtxEnum
DeltaFPUCCHFormat2bEnum	MaxRetxThresholdEnum
DeltaFPUCCHFormat2Enum	McchModificationPeriodEnum
DeltaPUCCHShiftEnum	McchRepetitionPeriodEnum
DisabledEnabledEnum	MchSchedulingPeriodEnum
DlMIMODefaultCodeBookIndexEnum	MeasQuantityCdma2000Enum
DlPathlossChangeForPHRreportingEnum	MeasQuantityGERANEnum
DlPDBQosTuningFactorEnum	MeasQuantityUtraFddEnum
DlResourceAllocationTypeEnum	MeasQuantityUtraTddEnum
DlSchedulerModeEnum	MeasurementBandwidthEnum
DrxCycleForReportCGIEnum	MeasurementGapPatternEnum
DscIsuState	MeasurementPurposeEnum
DscpEnum	MgGroupCardRoleEnum
DsrTransMaxEnum	MIMOModeEnum
DynamicCFIMetricEnum	MMEPriority
DynamicDebugTraceProfileEnum	MobileCountryCode
EMctaConnectedPriorityEnum	ModeConfEnum
EnableStatus	ModificationPeriodCoeffEnum
EncapType	MRIEnum
EpcFunction	N310Enum
EpcTypes	N311Enum
FakeSIMOenum	NBEnum
FilterCoeffEnum	NeighCellConfigEnum
FrequencyBandEnum	NonMBSFNregionLengthEnum
GpsModeSelectEnum	NotificationRepetitionCoeffEnum
HARQRetransmissionModeEnum	NRBCQIEnum
HrpdBandEnum	NumberOfDLAntennasEnum
HrpdThreshEnum	NumberOfTddDLAntennasEnum
IkeAuthMethodEnum	NumberOfTddULAntennasEnum
IntraFrequencyReselectionEnum	NumberOfULAntennasEnum
IpConfigModeEnum	OAMconnectionState
IpFormat	OAMlinkAdministrativeState
IPsecPolicyEnum	OffsetFreqEUTRAEnum
IsLabelSupportedEnum	OperationalModeEnum
L1ReceiverMethodEnum	PaOffsetPdschEnum
LogicalChannelPrioritizedBitRateEnum	PathSymnmetry
LteDscpName	PbOffsetPdschEnum
LteFcName	PdcchAggregationLevelForCommonSearchSpaceEnum
LteQciProfile	

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Parameters	
PdcchAggregationLevelForUESearchSpaceEnum	RLCumSNfieldLengthEnum
PdcpDiscardTimerEnum	RNTPThresholdEnum
PdcpPduSnSizeEnum	RohcPreferredModeEnum
PdnTypeEnum	RrcT320Enum
PeriodicBSRtimerEnum	RSRPRangeEnum
PeriodicPHRtimerEnum	RSRQRangeEnum
PhichResourceEnum	ScheduleTypeEnum
PmcGranularityPeriod	SegmentType
PollByteEnum	ServiceProfileenum
PollPDUEnum	ServiceTypeEnum
PositionSourceEnum	SfnPhaseSyncEnableEnum
PRACHAntennaModeEnum	SfnSyncOptionEnum
PRBresourceCountEnum	SibClassPeriodicityEnum
PreambleInitialReceivedTargetPowerEnum	SIBorMeasObjectUsageEnum
PreambleTransMaxEnum	SibPeriodicityEnum
ProhibitPHRtimerEnum	SignallingMCSEnum
PuschHoppingType1PatternEnum	SinrOffsetFlagEnum
PuschHoppingTypeConfigEnum	SpecialSubframePatternsEnum
PUSCHPowerControlAlphaFactorEnum	SpeedFactorsHighEnum
PuschPowerCtrlModeEnum	SpeedFactorsMediumEnum
QCIforVoipRtpRtcpEnum	SrInitPeriodEnum
QHystEnum	SRPeriodicityEnum
QHystSpeedFactorsHighEnum	SrsBandwidthConfigurationEnum
QHystSpeedFactorsMediumEnum	SRSdurationEnum
QOffsetCellEnum	SrsInitPeriodEnum
RACHpreambleTxPowerStepSizeEnum	SRSPeriodicityEnum
RadioFrameAllocationPeriodEnum	SrsSubframeConfigurationEnum
RangeEnum	SubframeAssignmentEnum
RAresponseWindowSizeEnum	SupportedBandUtraFddEnum
RBlabelIDEnum	SupportedBandUtraTddEnum
ReferencePointType	SystemBandwidthEnum
ReportAmountEnum	SystemBandwidthEnumDl
ReportIntervalEnum	SystemBandwidthEnumUl
ReportIntervalUtraEnum	T300Enum
ReportQuantityEUTRAEnum	T301Enum
ResetType	T304CellChangeOrderEnum
RetAntennaCalibrateEnum	T304Enum
RetSelfTestEnum	T310Enum
RetxBSRtimerEnum	T311Enum
RfAccLevel	TddAckNackFeedbackModeEnum

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Parameters	
TEvaluationEnum	TPCRACHMsg3Enum
Threshold2UtraEcN0Enum	TraceDepthEnum
Threshold2UtraRscpEnum	TransmissionGapRepetitionPeriodEnum
THystNormalEnum	TransmissionModeEnum
TimeAlignmentTimerEnum	TransmissionModeFddEnum
TimerStatusProhibitEnum	TransmissionModeTddEnum
TimerTpollRetransmitEnum	TransportFiberDelayLengthCategory
TimerTreorderingEnum	TransportProtocol
TimeToTriggerMeasEUTRAEnum	TransportProtocolType
TimeToTriggerMeasGERANEnum	TriggerQuantityEUTRAEnum
TimeToTriggerMeasIRATEnum	TriggerTypeEUTRAEnum
TimeToTriggerMeasUtraEnum	TriggerTypeInterRATEnum
TimeToWaitEnum	UlICICModeEnum
TimeZoneEnum	UlSchedulerModeEnum
TmaBypassModeEnum	UlSchedulingFlowProfileEnum
TmaSelfTestEnum	UnmanagedNeType
TopologyEnum	ValidULgrantSizeEnum

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Table 282-2 AccessBarringStatusEnum

Name	Value
Emergency Calls Exclusively	• name: emergencyCallsExclusively • value: 1
None	• name: none • value: 0
Originating Calls Only	• name: originatingCallsOnly • value: 3
Signaling And Originating Calls	• name: signalingAndOriginatingCalls • value: 4
Signaling Only	• name: signalingOnly • value: 2

Table 282-3 AccessBarringTimeEnum

Name	Value
128 s	• name: s128 • order: 6 • value: 2
16 s	• name: s16 • order: 3 • value: 3

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Name	Value
256 s	• name: s256 • order: 7 • value: 1
32 s	• name: s32 • order: 4 • value: 4
4 s	• name: s4 • order: 1 • value: 7
512 s	• name: s512 • order: 8 • value: 5
64 s	• name: s64 • order: 5 • value: 0
8 s	• name: s8 • order: 2 • value: 6

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Table 282-4 AccessProbabilityFactorEnum

Name	Value
00 %	• name: p00 • order: 1 • value: 14
05 %	• name: p05 • order: 2 • value: 15
10 %	• name: p10 • order: 3 • value: 0
15 %	• name: p15 • order: 4 • value: 6
20 %	• name: p20 • order: 5 • value: 1
25 %	• name: p25 • order: 6 • value: 10
30 %	• name: p30 • order: 7 • value: 3

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Name	Value
40 %	• name: p40 • order: 8 • value: 2
50 %	• name: p50 • order: 9 • value: 11
60 %	• name: p60 • order: 10 • value: 8
70 %	• name: p70 • order: 11 • value: 4
75 %	• name: p75 • order: 12 • value: 12
80 %	• name: p80 • order: 13 • value: 7
85 %	• name: p85 • order: 14 • value: 9
90 %	• name: p90 • order: 15 • value: 5
95 %	• name: p95 • order: 16 • value: 13

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Table 282-5 AdaptiveModeOfPdcchFormatEnum

Name	Value
Full Adaptive	• name: fullAdaptive • value: 1
Limited Adaptive	• name: limitedAdaptive • value: 0

Table 282-6 AdminState

Name	Value
Up	• name: up • value: 1
Down	• name: down • value: 2

Table 282-7 AdministrativeState

Name	Value
Locked	• name: locked • value: 2
Shutting Down	• name: shuttingdown • value: 1
Unlocked	• name: unlocked • value: 0

Table 282-8 AdministrativeStatePlusInherit

Name	Value
Disabled	• name: disabled • selectable: yes • value: 2
Enabled	• name: enabled • selectable: yes • value: 1
Inherit	• name: inherited • selectable: yes • value: 3
Invalid	• name: invalid • selectable: no • value: 0

Table 282-9 AdministrativeStateType

Name	Value
Locked	• name: locked • value: 0
Shutting Down	• name: shuttingdown • selectable: no • value: 2
Unlocked	• name: unlocked • value: 1

Table 282-10 AggServiceType

Name	Value
DSC Diameter Proxy Agent	• name: dpaAgg • value: 5
DSC Instance	• name: dscAgg • value: 4
DSC Policy Charging Rules Function	• name: pcrfAgg • value: 6
DSC Policy Charging Rules Group	• name: pcrfGrp • value: 7
MME Application	• name: mafAgg • value: 3
MME Instance	• name: mmeAgg • value: 1
MME Interface	• name: mifAgg • value: 2
MME Packet Handler	• name: mphAgg • value: 8
none	• name: none • value: 0

Table 282-11 AmountOfReportingUtraEnum

Name	Value
Infinity	• name: infinity • value: 6
R16	• name: r16 • value: 1
R1	• name: r1 • value: 4

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Name	Value
R2	• name: r2 • value: 5
R32	• name: r32 • value: 2
R4	• name: r4 • value: 7
R64	• name: r64 • value: 0
R8	• name: r8 • value: 3

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Table 282-12 AntennaPortsCountEnum

Name	Value
Fourports	• name: fourports • value: 2
Oneport	• name: oneport • value: 0
Twoports	• name: twoports • value: 1

Table 282-13 AperiodicCQIuserListUpdatePeriodEnum

Name	Value
100 ms	• name: 100ms • order: 1 • value: 0
1000 ms	• name: 1000ms • order: 6 • value: 5
1500 ms	• name: 1500ms • order: 7 • value: 6
200 ms	• name: 200ms • order: 2 • value: 1
2000 ms	• name: 2000ms • order: 8 • value: 7
300 ms	• name: 300ms • order: 3 • value: 2

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Name	Value
400 ms	• name: 400ms • order: 4 • value: 3
500 ms	• name: 500ms • order: 5 • value: 4

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Table 282-14 ApnRestrictionTypeEnum

Name	Value
any	• name: any • value: 0
private1	• name: private1 • value: 3
private2	• name: private2 • value: 4
public1	• name: public1 • value: 1
public2	• name: public2 • value: 2

Table 282-15 ApnTypeEnum

Name	Value
real	• name: real • value: 1

Table 282-16 ApplicationType

Name	Value
Gx	• name: gx • value: 1
Gxc	• name: gxc • selectable: no • value: 2
Gy	• name: gy • selectable: no • value: 4

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Name	Value
none	• name: none • value: 0
Rf	• name: rf • value: 3

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Table 282-17 B2ThresholdGERANEnum

Name	Value
[-100,-99]	• name: minus100_to_minus99 • value: 25
[-101,-100]	• name: minus101_to_minus100 • value: 38
[-102,-101]	• name: minus102_to_minus101 • value: 33
[-103,-102]	• name: minus103_to_minus102 • value: 1
[-104,-103]	• name: minus104_to_minus103 • value: 20
[-105,-104]	• name: minus105_to_minus104 • value: 31
[-106,-105]	• name: minus106_to_minus105 • value: 14
[-107,-106]	• name: minus107_to_minus106 • value: 39
[-108,-107]	• name: minus108_to_minus107 • value: 27
[-109,-108]	• name: minus109_to_minus108 • value: 28
[-110,-109]	• name: minus110_to_minus109 • value: 53
[-49,-48]	• name: minus49_to_minus48 • value: 8
[-50,-49]	• name: minus50_to_minus49 • value: 49
[-51,-50]	• name: minus51_to_minus50 • value: 3
[-52,-51]	• name: minus52_to_minus51 • value: 51
[-53,-52]	• name: minus53_to_minus52 • value: 22
[-54,-53]	• name: minus54_to_minus53 • value: 18

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Name	Value
[-55,-54]	• name: minus55_to_minus54 • value: 41
[-56,-55]	• name: minus56_to_minus55 • value: 0
[-57,-56]	• name: minus57_to_minus56 • value: 12
[-58,-57]	• name: minus58_to_minus57 • value: 54
[-59,-58]	• name: minus59_to_minus58 • value: 29
[-60,-59]	• name: minus60_to_minus59 • value: 34
[-61,-60]	• name: minus61_to_minus60 • value: 59
[-62,-61]	• name: minus62_to_minus61 • value: 60
[-63,-62]	• name: minus63_to_minus62 • value: 4
[-64,-63]	• name: minus64_to_minus63 • value: 17
[-65,-64]	• name: minus65_to_minus64 • value: 6
[-66,-65]	• name: minus66_to_minus65 • value: 7
[-67,-66]	• name: minus67_to_minus66 • value: 47
[-68,-67]	• name: minus68_to_minus67 • value: 40
[-69,-68]	• name: minus69_to_minus68 • value: 56
[-70,-69]	• name: minus70_to_minus69 • value: 2
[-71,-70]	• name: minus71_to_minus70 • value: 10
[-72,-71]	• name: minus72_to_minus71 • value: 43
[-73,-72]	• name: minus73_to_minus72 • value: 15
[-74,-73]	• name: minus74_to_minus73 • value: 57
[-75,-74]	• name: minus75_to_minus74 • value: 35
[-76,-75]	• name: minus76_to_minus75 • value: 23

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Name	Value
[-77,-76]	• name: minus77_to_minus76 • value: 46
[-78,-77]	• name: minus78_to_minus77 • value: 42
[-79,-78]	• name: minus79_to_minus78 • value: 32
[-80,-79]	• name: minus80_to_minus79 • value: 58
[-81,-80]	• name: minus81_to_minus80 • value: 21
[-82,-81]	• name: minus82_to_minus81 • value: 63
[-83,-82]	• name: minus83_to_minus82 • value: 36
[-84,-83]	• name: minus84_to_minus83 • value: 50
[-85,-84]	• name: minus85_to_minus84 • value: 45
[-86,-85]	• name: minus86_to_minus85 • value: 62
[-87,-86]	• name: minus87_to_minus86 • value: 16
[-88,-87]	• name: minus88_to_minus87 • value: 19
[-89,-88]	• name: minus89_to_minus88 • value: 52
[-90,-89]	• name: minus90_to_minus89 • value: 44
[-91,-90]	• name: minus91_to_minus90 • value: 13
[-92,-91]	• name: minus92_to_minus91 • value: 37
[-93,-92]	• name: minus93_to_minus92 • value: 11
[-94,-93]	• name: minus94_to_minus93 • value: 9
[-95,-94]	• name: minus95_to_minus94 • value: 24
[-96,-95]	• name: minus96_to_minus95 • value: 26
[-97,-96]	• name: minus97_to_minus96 • value: 48
[-98,-97]	• name: minus98_to_minus97 • value: 55

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Name	Value
[-99,-98]	• name: minus99_to_minus98 • value: 30
less-than-minus110	• name: less_than_minus110 • value: 5
more-than-minus48	• name: more_than_minus48 • value: 61

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Table 282-18 BandGeranEnum

Name	Value
GSM 1800	• name: gsm1800 • order: 10 • value: 7
GSM 1900	• name: gsm1900 • order: 11 • value: 4
GSM 450	• name: gsm450 • order: 1 • value: 2
GSM 480	• name: gsm480 • order: 2 • value: 10
GSM 710	• name: gsm710 • order: 3 • value: 3
GSM 750	• name: gsm750 • order: 4 • value: 0
GSM 810	• name: gsm810 • order: 5 • value: 8
GSM 850	• name: gsm850 • order: 6 • value: 9
GSM 900 E	• name: gsm900E • order: 7 • value: 1
GSM 900 P	• name: gsm900P • order: 8 • value: 5
GSM 900 R	• name: gsm900R • order: 9 • value: 6

Table 282-19 BandIndicatorGERANEnum

Name	Value
DCS 1800	• name: dcs1800 • value: 1
PCS 1900	• name: pcs1900 • value: 0

Table 282-20 BasicSchedulingModeEnum

Name	Value
Max CI	• name: MaxCI • value: 1
PF	• name: PF • value: 0
RR	• name: RR • value: 2

Table 282-21 BeamFormingAlgoEnum

Name	Value
Adaptive	• name: Adaptive • value: 3
COM EBB	• name: COM_EBB • value: 4
DoA	• name: DoA • value: 2
Full BW EBB	• name: Full_BW_EBB • value: 1
Per RB MRT	• name: Per_RB_MRT • value: 0

Table 282-22 BearerTypeEnum

Name	Value
dedicated	• name: dedicated • value: 2

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Name	Value
default	• name: default • value: 1
undefined	• name: undefined • value: 0

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Table 282-23 BucketSizeDurationEnum

Name	Value
100 ms	• name: ms100 • order: 2 • value: 2
1000 ms	• name: ms1000 • order: 6 • value: 0
150 ms	• name: ms150 • order: 3 • value: 5
300 ms	• name: ms300 • order: 4 • value: 1
50 ms	• name: ms50 • order: 1 • value: 3
500 ms	• name: ms500 • order: 5 • value: 4

Table 282-24 BufferOccupancyEnum

Name	Value
Buffer Occupancy 0	• name: BufferOccupancy0 • value: 0
Buffer Occupancy 1	• name: BufferOccupancy1 • value: 1
Buffer Occupancy 2	• name: BufferOccupancy2 • value: 2
Buffer Occupancy 3	• name: BufferOccupancy3 • value: 3
No Buffer Occupancy	• name: noBufferOccupancy • value: 4

Table 282-25 Cdma2000TypeEnum

Name	Value
Type 1 XRTT	• name: type1XRTT • value: 0
Type HRPD	• name: typeHRPD • value: 1

Table 282-26 CellBarredEnum

Name	Value
Barred	• name: barred • value: 1
Not Barred / Auto Barrable	• name: notBarredAutoBarrable • value: 2
Not Barred	• name: notBarred • value: 0

Table 282-27 CellOffsetEnum

Name	Value
-1 dB	• name: dB_1 • order: 15 • value: 2
-10 dB	• name: dB_10 • order: 8 • value: 11
-12 dB	• name: dB_12 • order: 7 • value: 20
-14 dB	• name: dB_14 • order: 6 • value: 22
-16 dB	• name: dB_16 • order: 5 • value: 25
-18 dB	• name: dB_18 • order: 4 • value: 27
-2 dB	• name: dB_2 • order: 14 • value: 0

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Name	Value
-20 dB	• name: dB_20 • order: 3 • value: 23
-22 dB	• name: dB_22 • order: 2 • value: 26
-24 dB	• name: dB_24 • order: 1 • value: 1
-3 dB	• name: dB_3 • order: 13 • value: 14
-4 dB	• name: dB_4 • order: 12 • value: 10
-5 dB	• name: dB_5 • order: 11 • value: 8
-6 dB	• name: dB_6 • order: 10 • value: 5
-8 dB	• name: dB_8 • order: 9 • value: 17
0 dB	• name: dB0 • order: 16 • value: 3
1 dB	• name: dB1 • order: 17 • value: 4
10 dB	• name: dB10 • order: 24 • value: 28
12 dB	• name: dB12 • order: 25 • value: 30
14 dB	• name: dB14 • order: 26 • value: 19
16 dB	• name: dB16 • order: 27 • value: 21
18 dB	• name: dB18 • order: 28 • value: 24

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Name	Value
2 dB	• name: dB2 • order: 18 • value: 6
20 dB	• name: dB20 • order: 29 • value: 7
22 dB	• name: dB22 • order: 30 • value: 13
24 dB	• name: dB24 • order: 31 • value: 29
3 dB	• name: dB3 • order: 19 • value: 9
4 dB	• name: dB4 • order: 20 • value: 12
5 dB	• name: dB5 • order: 21 • value: 15
6 dB	• name: dB6 • order: 22 • value: 16
8 dB	• name: dB8 • order: 23 • value: 18

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Table 282-28 CellReservationEnum

Name	Value
Not Reserved	• name: notReserved • value: 0
Reserved	• name: reserved • value: 1

Table 282-29 CellSizeEnum

Name	Value
Large	• name: large • value: 2
Medium	• name: medium • value: 3
Small	• name: small • value: 1
Very Small	• name: verysmall • value: 0

Table 282-30 ClockSynchroModeEnum

Name	Value
Clock Master Base Station	• name: clock_master_bs • value: 4
Externally Synchronised Mode 1 SyncE	• name: externally_synchronised_mode_1 • value: 1
Externally Synchronised Mode 2 Ptp 1588	• name: externally_synchronised_mode_2 • value: 2
Externally Synchronised Mode 3 External clock	• name: externally_synchronised_mode_3 • value: 5
Externally Synchronised Mode 4 Satellite	• name: externally_synchronised_mode_4 • value: 6
Externally Synchronized Mode 1 SyncE	• name: externally_synchronized_mode_1 • value: 11
Externally Synchronized Mode 2 Ptp 1588	• name: externally_synchronized_mode_2 • value: 12
Externally Synchronized Mode 3 External clock	• name: externally_synchronized_mode_3 • value: 15
Externally Synchronized Mode 4 Satellite	• name: externally_synchronized_mode_4 • value: 16
Free-running	• name: free_running • value: 0
GPS Synchronised	• name: gps_synchronised • value: 3
GPS Synchronized	• name: gps_synchronized • value: 13

Table 282-31 CommonSFAllocPeriodEnum

Name	Value
Rf128	• name: rf128 • value: 5
Rf16	• name: rf16 • value: 2
Rf256	• name: rf256 • value: 6
Rf32	• name: rf32 • value: 3
Rf4	• name: rf4 • value: 0
Rf64	• name: rf64 • value: 4
Rf8	• name: rf8 • value: 1

Table 282-32 CompactFlash

Name	Value
cf1	• name: cf1 • value: 1
cf2	• name: cf2 • value: 2

Table 282-33 ComponentType

Name	Value
Discovered Physical Link	• name: discoveredPhysicalLink • value: 2
Network Interface	• name: interface • value: 4
Other	• name: other • selectable: no • value: 0
Physical Link	• name: physicalLink • value: 1
Service	• name: service • value: 3
Static Route	• name: staticroute • value: 5

Table 282-34 ConnectionType

Name	Value
Managed L2 Transport	• name: managedL2Transport • value: 2
Managed Spoke Connector	• name: managedSpokeConnector • value: 3
Physical Link	• name: physicalLink • value: 1
Unmanaged L2 Transport	• name: unmanagedL2Transport • value: 4

Table 282-35 ControlChannelTransmissionSchemeEnum

Name	Value
Four- Port- Full- BW	• name: Four_Port_Full_BW • value: 2
Four- Port- Sub- BW	• name: Four_Port_Sub_BW • value: 3
Two Port PRBCDD	• name: TwoPortPRBCDD • value: 4
Two- Port- Full- BW	• name: Two_Port_Full_BW • value: 0
Two- Port- Sub- BW	• name: Two_Port_Sub_BW • value: 1

Table 282-36 CqiFormatIndicatorPeriodicEnum

Name	Value
Sub Band	• name: Subband • value: 1
Wide Band	• name: Wideband • value: 0

Table 282-37 CqiInitPeriodEnum

Name	Value
10 sf	• name: 10sf • value: 0
20 sf	• name: 20sf • value: 1
40 sf	• name: 40sf • value: 2
80 sf	• name: 80sf • value: 3

Table 282-38 CqiPeriodTDDEnum

Name	Value
1 ms	• name: 1ms • value: 0
10 ms	• name: 10ms • value: 2
160 ms	• name: 160ms • value: 6
20 ms	• name: 20ms • value: 3
40 ms	• name: 40ms • value: 4
5 ms	• name: 5ms • value: 1
80 ms	• name: 80ms • value: 5

Table 282-39 CqiReportingModeAperiodicEnum

Name	Value
Disabled	• name: disabled • value: 2
Mode 12	• name: rm12 • value: 3
Mode 20	• name: rm20 • value: 4
Mode 22	• name: rm22 • value: 5

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Name	Value
Mode 30	• name: rm30 • value: 1
Mode 31	• name: rm31 • value: 0

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Table 282-40 CqiReportingModeAperiodicEnumFDD

Name	Value
Disabled	• name: disabled • value: 0
Rm 12	• name: rm12 • value: 3
Rm 30	• name: rm30 • value: 1
Rm 31	• name: rm31 • value: 2

Table 282-41 DciFormatSelectorForTPCEnum

Name	Value
TPC Group Command DCI Format 3 periodic	• name: TPC_GROUP_COMMAND_DCI_FORMAT_3_PERIODICAL_PUCCH_ONLY • value: 3
TPC Group Command DCI Format 3	• name: TPC_GROUP_COMMAND_DCI_FORMAT_3 • value: 1
TPC Group Command DCI Format 3A	• name: TPC_GROUP_COMMAND_DCI_FORMAT_3A • value: 2
TPC Group Command None	• name: TPC_GROUP_COMMAND_NONE • value: 0

Table 282-42 DefaultPagingCycleEnum

Name	Value
RF 128	• name: rf128 • order: 3 • value: 3
RF 256	• name: rf256 • order: 4 • value: 2

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Name	Value
RF 32	• name: rf32 • order: 1 • value: 0
RF 64	• name: rf64 • order: 2 • value: 1

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Table 282-43 DeltaFPUCCHFormat1bEnum

Name	Value
Delta F1	• name: deltaF1 • value: 2
Delta F3	• name: deltaF3 • value: 1
Delta F5	• name: deltaF5 • value: 0

Table 282-44 DeltaFPUCCHFormat1Enum

Name	Value
Delta F0	• name: deltaF0 • value: 2
Delta F2	• name: deltaF2 • value: 1
Delta Fm2	• name: deltaFm2 • value: 0

Table 282-45 DeltaFPUCCHFormat2aEnum

Name	Value
Delta F0	• name: deltaF0 • value: 1
Delta F2	• name: deltaF2 • value: 2
Delta Fm2	• name: deltaFm2 • value: 0

Table 282-46 DeltaFPUCCHFormat2bEnum

Name	Value
Delta F0	• name: deltaF0 • value: 1
Delta F2	• name: deltaF2 • value: 2
Delta Fm2	• name: deltaFm2 • value: 0

Table 282-47 DeltaFPUCCHFormat2Enum

Name	Value
Delta F0	• name: deltaF0 • value: 1
Delta F1	• name: deltaF1 • value: 2
Delta F2	• name: deltaF2 • value: 3
Delta Fm2	• name: deltaFm2 • value: 0

Table 282-48 DeltaPUCCHShiftEnum

Name	Value
Delta Shift 1	• name: ds1 • value: 0
Delta Shift 2	• name: ds2 • value: 1
Delta Shift 3	• name: ds3 • value: 2

Table 282-49 DisabledEnabledEnum

Name	Value
Disabled	• name: disabled • value: 1
Enabled	• name: enabled • value: 0

Table 282-50 DlMIMODefaultCodeBookIndexEnum

Name	Value
1 Layer Codebook 0	• name: 1LayerCodebook0 • value: 0
1 Layer Codebook 1	• name: 1LayerCodebook1 • value: 1
1 Layer Codebook 2	• name: 1LayerCodebook2 • value: 2
1 Layer Codebook 3	• name: 1LayerCodebook3 • value: 3
2 Layers Codebook 1	• name: 2LayersCodebook1 • value: 4
2 Layers Codebook 2	• name: 2LayersCodebook2 • value: 5

Table 282-51 DlPathlossChangeForPHRreportingEnum

Name	Value
1 dB	• name: dB1 • value: 0
3 dB	• name: dB3 • value: 1
6 dB	• name: dB6 • value: 2
Infinity	• name: infinity • value: 3

Table 282-52 DlPDBQosTuningFactorEnum

Name	Value
0	• name: 0 • value: 0
1	• name: 1 • value: 1
2	• name: 2 • value: 2
3	• name: 3 • value: 3

Table 282-53 DlResourceAllocationTypeEnum

Name	Value
Type 0-0 (Loop RBG mode, frequency selective allocation, RA type 0)	• name: rat0_0 • value: 0
Type 1-1 (Loop user mode, greedy resource allocation, RA type 1)	• name: rat1_1 • value: 1
Type 1-2 (Loop user mode, greedy resource allocation, RA type 2)	• name: rat1_2 • value: 2
Type 1-3 (Loop user mode, greedy resource allocation, RA type 2)	• name: rat1_3 • value: 4
Type 2-0 (Loop user mode, fix resource allocation, RA type 0)	• name: rat2_0 • value: 3

Table 282-54 DlSchedulerModeEnum

Name	Value
Adaptive	• name: adaptive • value: 2
Frequency Non Selective	• name: frequencyNonSelective • value: 1
Frequency Selective	• name: frequencySelective • value: 0

Table 282-55 DrxCycleForReportCGIEnum

Name	Value
Sf 160	• name: sf160 • value: 1
Sf 320	• name: sf320 • value: 0

Table 282-56 DscIsuState

Name	Value
Breaking replication	• name: isu_breaking_replication • value: 1
Duplex up	• name: isu_duplex_up • value: 7

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Name	Value
No ISU	• name: isu_no_isu • value: 0
Ready for upgrade	• name: isu_ready_for_upgrade • value: 2
Recovery complete	• name: isu_recovery_complete • value: 5
Recovery in progress	• name: isu_recovery_in_progress • value: 4
Simplex up	• name: isu_simplex_up • value: 6
Upgrade in progress	• name: isu_upgrade_in_progress • value: 3
Upgrade unknown	• name: isu_upgrade_unknown • value: 8

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Table 282-57 DscpEnum

Name	Value
AF 11	• name: AF11 • value: 5
AF 12	• name: AF12 • value: 3
AF 13	• name: AF13 • value: 0
AF 21	• name: AF21 • value: 4
AF 22	• name: AF22 • value: 1
AF 23	• name: AF23 • value: 7
AF 31	• name: AF31 • value: 2
AF 32	• name: AF32 • value: 12
AF 33	• name: AF33 • value: 10
AF 41	• name: AF41 • value: 8
AF 42	• name: AF42 • value: 6
AF 43	• name: AF43 • value: 9

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Name	Value
BE	• name: BE • value: 11
EF	• name: EF • value: 13

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Table 282-58 DsrTransMaxEnum

Name	Value
16 Unanswered Requests	• name: n16 • order: 3 • value: 4
32 Unanswered Requests	• name: n32 • order: 4 • value: 0
4 Unanswered Requests	• name: n4 • order: 1 • value: 1
64 Unanswered Requests	• name: n64 • order: 5 • value: 3
8 Unanswered Requests	• name: n8 • order: 2 • value: 2

Table 282-59 DynamicCFIMetricEnum

Name	Value
Based On CCE Shortage	• name: basedOnCCEShortage • value: 1
Based On Number Of U Econtexts	• name: basedOnNumberOfUEcontexts • value: 0

Table 282-60 DynamicDebugTraceProfileEnum

Name	Value
Custom-L1-L2-L3	• name: custom_L1_L2_L3 • value: 11
Custom-L1-L2	• name: custom_L1_L2 • value: 9

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Name	Value
Custom-L3	• name: custom_L3 • value: 10
Deep-L1-L2-L3	• name: deep_L1_L2_L3 • value: 8
Deep-L1-L2	• name: deep_L1_L2 • value: 6
Deep-L3	• name: deep_L3 • value: 7
Light-L1-L2-L3	• name: light_L1_L2_L3 • value: 2
Light-L1-L2	• name: light_L1_L2 • value: 0
Light-L3	• name: light_L3 • value: 1
Medium-L1-L2-L3	• name: medium_L1_L2_L3 • value: 5
Medium-L1-L2	• name: medium_L1_L2 • value: 3
Medium-L3	• name: medium_L3 • value: 4

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Table 282-61 EMctaConnectedPriorityEnum

Name	Value
0-lowest	• name: 0_lowest • order: 1 • value: 1
1	• name: 1 • order: 2 • value: 2
2	• name: 2 • order: 3 • value: 3
3	• name: 3 • order: 4 • value: 4
4	• name: 4 • order: 5 • value: 5
5	• name: 5 • order: 6 • value: 6

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Name	Value
6	• name: 6 • order: 7 • value: 7
7	• name: 7 • order: 8 • value: 8
Service Not Allowed In RAT Carrier	• name: service_not_allowed_in_RAT_carrier • order: 9 • value: 0

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Table 282-62 EnableStatus

Name	Value
Enabled	• name: enabled • value: 1
Disabled	• name: disabled • value: 2

Table 282-63 EncapType

Name	Value
Any Type	• name: unknown • selectable: no • value: 0
BCP Dot1 Q	• name: bcpDot1q • selectable: no • value: 5
BCP Null	• name: bcpNull • selectable: no • value: 4
Dot1 Q	• name: dot1q • value: 2
Null	• name: null • value: 1
Q in Q	• name: qinq • value: 10

Table 282-64 EpcFunction

Name	Value
DSC Diameter Proxy Agent	• name: dpa • value: 6
DSC Policy and Charging Rules	• name: pcrf • value: 5
MME Application	• name: maf • value: 8
MME Interface	• name: mif • value: 7
PGW Application	• name: paf • value: 4
PGW Interface	• name: pif • value: 3
SGW Application	• name: saf • value: 2
SGW Interface	• name: sif • value: 1
Unknown	• name: unknown • value: 0

Table 282-65 EpcTypes

Name	Value
Dynamic Services Controller	• name: dsc • selectable: no • value: 5
Evolved NodeB	• name: enb • selectable: no • value: 6
Mobility Management Entity	• name: mme • selectable: no • value: 4
Non-EPC	• name: none • selectable: no • value: 0
PDN Gateway	• name: pgw • selectable: no • value: 2
S and P Gateway	• name: agw • selectable: no • value: 3

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Name	Value
Serving Gateway	• name: sgw • selectable: no • value: 1
Unmanaged PDN Gateway	• name: unepgw • selectable: no • value: 7

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Table 282-66 FakeSIMOenum

Name	Value
MIMO	• name: MIMO • value: 0
SIMO Higher Disabled	• name: SIMO_higher_disabled • value: 2
SIMO Lower Disabled	• name: SIMO_lower_disabled • value: 1

Table 282-67 FilterCoeffEnum

Name	Value
FC 0	• name: fc0 • order: 1 • value: 12
FC 11	• name: fc11 • order: 11 • value: 14
FC 13	• name: fc13 • order: 12 • value: 13
FC 15	• name: fc15 • order: 13 • value: 0
FC 17	• name: fc17 • order: 14 • value: 2
FC 19	• name: fc19 • order: 15 • value: 4
FC 1	• name: fc1 • order: 2 • value: 10

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Name	Value
FC 2	• name: fc2 • order: 3 • value: 11
FC 3	• name: fc3 • order: 4 • value: 8
FC 4	• name: fc4 • order: 5 • value: 9
FC 5	• name: fc5 • order: 6 • value: 6
FC 6	• name: fc6 • order: 7 • value: 7
FC 7	• name: fc7 • order: 8 • value: 3
FC 8	• name: fc8 • order: 9 • value: 5
FC 9	• name: fc9 • order: 10 • value: 1

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Table 282-68 FrequencyBandEnum

Name	Value
Type I	• name: TypeI • order: 1 • value: 1
Type IV	• name: TypeIV • order: 2 • value: 5
Type VII	• name: TypeVII • order: 3 • value: 6
Type XII	• name: TypeXII • order: 4 • value: 2
Type XIII	• name: TypeXIII • order: 5 • value: 0

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Name	Value
Type XIV	• name: TypeXIV • order: 6 • value: 3
Type XVII	• name: TypeXVII • order: 7 • value: 4

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Table 282-69 GpsModeSelectEnum

Name	Value
Managed External GPS receiver	• name: ManagedExternalGPSreceiver • value: 3
Managed Internal GPS receiver	• name: ManagedInternalGPSreceiver • value: 2
Unmanaged External GPS receiver	• name: UnmanagedExternalGPSreceiver • value: 1
Unmanaged Internal GPS receiver	• name: UnmanagedInternalGPSreceiver • value: 0

Table 282-70 HARQRetransmissionModeEnum

Name	Value
Adaptive	• name: adaptive • value: 1
Non_adaptive	• name: non_adaptive • value: 0

Table 282-71 HrpdBandEnum

Name	Value
1.8 to 2.0 GHz PCS	• name: 1_8_to_2_0_GHz_PCS • value: 0
800 MHz Cellular	• name: 800MHz_cellular • value: 1

Table 282-72 HrpdThreshEnum

Name	Value
0 db	• name: 0dB • order: 1 • value: 5
0.5 db	• name: 0_5dB • order: 2 • value: 52
1 db	• name: 1dB • order: 3 • value: 8
1.5 db	• name: 1_5dB • order: 4 • value: 9
10 db	• name: 10dB • order: 21 • value: 27
10.5 db	• name: 10_5dB • order: 22 • value: 45
11 db	• name: 11dB • order: 23 • value: 16
11.5 db	• name: 11_5dB • order: 24 • value: 0
12 db	• name: 12dB • order: 25 • value: 12
12.5 db	• name: 12_5dB • order: 26 • value: 3
13 db	• name: 13dB • order: 27 • value: 46
13.5 db	• name: 13_5dB • order: 28 • value: 15
14 db	• name: 14dB • order: 29 • value: 38
14.5 db	• name: 14_5dB • order: 30 • value: 63
15 db	• name: 15dB • order: 31 • value: 34

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Name	Value
15.5 db	• name: 15_5dB • order: 32 • value: 23
16 db	• name: 16dB • order: 33 • value: 33
16.5 db	• name: 16_5dB • order: 34 • value: 41
17 db	• name: 17dB • order: 35 • value: 19
17.5 db	• name: 17_5dB • order: 36 • value: 53
18 db	• name: 18dB • order: 37 • value: 14
18.5 db	• name: 18_5dB • order: 38 • value: 56
19 db	• name: 19dB • order: 39 • value: 24
19.5 db	• name: 19_5dB • order: 40 • value: 47
2 db	• name: 2dB • order: 5 • value: 6
2.5 db	• name: 2_5dB • order: 6 • value: 37
20 db	• name: 20dB • order: 41 • value: 22
20.5 db	• name: 20_5dB • order: 42 • value: 49
21 db	• name: 21dB • order: 43 • value: 18
21.5 db	• name: 21_5dB • order: 44 • value: 48

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Name	Value
22 db	• name: 22dB • order: 45 • value: 44
22.5 db	• name: 22_5dB • order: 46 • value: 25
23 db	• name: 23dB • order: 47 • value: 42
23.5 db	• name: 23_5dB • order: 48 • value: 61
24 db	• name: 24dB • order: 49 • value: 60
24.5 db	• name: 24_5dB • order: 50 • value: 32
25 db	• name: 25dB • order: 51 • value: 31
25.5 db	• name: 25_5dB • order: 52 • value: 30
26 db	• name: 26dB • order: 53 • value: 55
26.5 db	• name: 26_5dB • order: 54 • value: 4
27 db	• name: 27dB • order: 55 • value: 51
27.5 db	• name: 27_5dB • order: 56 • value: 43
28 db	• name: 28dB • order: 57 • value: 50
28.5 db	• name: 28_5dB • order: 58 • value: 59
29 db	• name: 29dB • order: 59 • value: 62

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Name	Value
29.5 db	• name: 29_5dB • order: 60 • value: 13
3 db	• name: 3dB • order: 7 • value: 57
3.5 db	• name: 3_5dB • order: 8 • value: 17
30 db	• name: 30dB • order: 61 • value: 20
30.5 db	• name: 30_5dB • order: 62 • value: 26
31 db	• name: 31dB • order: 63 • value: 1
31.5 db	• name: 31_5dB • order: 64 • value: 54
4 db	• name: 4dB • order: 9 • value: 58
4.5 db	• name: 4_5dB • order: 10 • value: 10
5 db	• name: 5dB • order: 11 • value: 35
5.5 db	• name: 5_5dB • order: 12 • value: 39
6 db	• name: 6dB • order: 13 • value: 29
6.5 db	• name: 6_5dB • order: 14 • value: 40
7 db	• name: 7dB • order: 15 • value: 28
7.5 db	• name: 7_5dB • order: 16 • value: 11

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Name	Value
8 db	• name: 8dB • order: 17 • value: 36
8.5 db	• name: 8_5dB • order: 18 • value: 2
9 db	• name: 9dB • order: 19 • value: 21
9.5 db	• name: 9_5dB • order: 20 • value: 7

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Table 282-73 IkeAuthMethodEnum

Name	Value
Certificates	• name: certificates • value: 1
Pre Shared Keys	• name: preSharedKeys • value: 0

Table 282-74 IntraFrequencyReselectionEnum

Name	Value
Allowed	• name: allowed • value: 0
Not Allowed	• name: notAllowed • value: 1

Table 282-75 IpConfigModeEnum

Name	Value
Automatic	• name: automatic • value: 1
Provisioned	• name: provisioned • value: 0

Table 282-76 IpFormat

Name	Value
IPv4	• name: IPv4 • value: 0
IPv6	• name: IPv6 • value: 1

Table 282-77 IPsecPolicyEnum

Name	Value
Integrityprotection	• name: integrityprotection • value: 3
Integrityprotectionandencrypted	• name: integrityprotectionandencrypted • value: 4
No IPsec	• name: no_IPsec • value: 1
S1 C And UP And X2 C And UP Protected	• name: S1_C_and_UP_and_X2_C_and_UP_protected • value: 2
S1 C and X2 C Protected	• name: S1_C_and_X2_C_protected • value: 0

Table 282-78 IsLabelSupportedEnum

Name	Value
Not Supported	• name: NotSupported • value: 0
Supported	• name: Supported • value: 1

Table 282-79 L1ReceiverMethodEnum

Name	Value
Adaptive	• name: adaptive • value: 2
Irc	• name: irc • value: 1
Mrc	• name: mrc • value: 0

Table 282-80 LogicalChannelPrioritizedBitRateEnum

Name	Value
0 kB/s	• name: kBps0 • order: 1 • value: 7
128 kB/s	• name: kBps128 • order: 6 • value: 4
16 kB/s	• name: kBps16 • order: 3 • value: 0
256 kB/s	• name: kBps256 • order: 7 • value: 6
32 kB/s	• name: kBps32 • order: 4 • value: 1
64 kB/s	• name: kBps64 • order: 5 • value: 3
8 kB/s	• name: kBps8 • order: 2 • value: 2
Infinity	• name: infinity • order: 8 • value: 5

Table 282-81 LteDscpName

Name	Value
af11	• name: af11
af12	• name: af12
af13	• name: af13
af21	• name: af21
af22	• name: af22
af23	• name: af23
af31	• name: af31
af32	• name: af32
af33	• name: af33
af41	• name: af41
af42	• name: af42
af43	• 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 282-82 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 282-83 LteQciProfile

Name	Value
Apply CIR	• name: applyCir • value: 3
In	• name: in • value: 1
None	• name: none • value: 0
Out	• name: out • value: 2

Table 282-84 LteRedundancy

Name	Value
Many-to-one	• name: manyToOne • selectable: no • value: 2
No Redundancy	• name: none • value: 0
One-to-one	• name: oneToOne • value: 1

Table 282-85 MacContentionResolutionTimerEnum

Name	Value
Sf 16	• name: sf16 • value: 6
Sf 24	• name: sf24 • value: 3
Sf 32	• name: sf32 • value: 5
Sf 40	• name: sf40 • value: 7
Sf 48	• name: sf48 • value: 1
Sf 56	• name: sf56 • value: 2
Sf 64	• name: sf64 • value: 0
Sf 8	• name: sf8 • value: 4

Table 282-86 MaxHARQtxEnum

Name	Value
1 Uplink Transmission	• name: n1 • value: 0
2 Uplink Transmissions	• name: n2 • value: 4
3 Uplink Transmissions	• name: n3 • value: 3
4 Uplink Transmissions	• name: n4 • value: 2
5 Uplink Transmissions	• name: n5 • value: 1

Table 282-87 MaxRetxThresholdEnum

Name	Value
1 Retransmission	• name: t1 • order: 1 • value: 2
16 Retransmissions	• name: t16 • order: 7 • value: 5
2 Retransmissions	• name: t2 • order: 2 • value: 1
3 Retransmissions	• name: t3 • order: 3 • value: 0
32 Retransmissions	• name: t32 • order: 8 • value: 3
4 Retransmissions	• name: t4 • order: 4 • value: 4
6 Retransmissions	• name: t6 • order: 5 • value: 6
8 Retransmissions	• name: t8 • order: 6 • value: 7

Table 282-88 McchModificationPeriodEnum

Name	Value
Rf1024	• name: rf1024 • value: 1
Rf512	• name: rf512 • value: 0

Table 282-89 McchRepetitionPeriodEnum

Name	Value
Rf128	• name: rf128 • value: 2
Rf256	• name: rf256 • value: 3
Rf32	• name: rf32 • value: 0
Rf64	• name: rf64 • value: 1

Table 282-90 MchSchedulingPeriodEnum

Name	Value
Rf1024	• name: rf1024 • value: 7
Rf128	• name: rf128 • value: 4
Rf16	• name: rf16 • value: 1
Rf256	• name: rf256 • value: 5
Rf32	• name: rf32 • value: 2
Rf512	• name: rf512 • value: 6
Rf64	• name: rf64 • value: 3
Rf8	• name: rf8 • value: 0

Table 282-91 MeasQuantityCdma2000Enum

Name	Value
Pilot Pn Phase And Pilot Strength	• name: pilotPnPhaseAndPilotStrength • value: 1
Pilot Strength	• name: pilotStrength • value: 0

Table 282-92 MeasQuantityGERANEnum

Name	Value
RSSI	• name: rssi • value: 0

Table 282-93 MeasQuantityUtraFddEnum

Name	Value
Cpich EcN0	• name: cpichEcN0 • value: 1
Cpich RSCP	• name: cpichRSCP • value: 0

Table 282-94 MeasQuantityUtraTddEnum

Name	Value
Pccpch-RSCP	• name: pccpch_RSCP • value: 0

Table 282-95 MeasurementBandwidthEnum

Name	Value
Mbw 100	• name: mbw100 • order: 6 • value: 0
Mbw 15	• name: mbw15 • order: 2 • value: 2

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Name	Value
Mbw 25	• name: mbw25 • order: 3 • value: 5
Mbw 50	• name: mbw50 • order: 4 • value: 4
Mbw 6	• name: mbw6 • order: 1 • value: 3
Mbw 75	• name: mbw75 • order: 5 • value: 1

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Table 282-96 MeasurementGapPatternEnum

Name	Value
Length 6 ms - period 40 ms	• name: length6ms_period40ms • value: 0
Length 6 ms - period 80 ms	• name: length6ms_period80ms • value: 1

Table 282-97 MeasurementPurposeEnum

Name	Value
Activation Of Measurement Gap	• name: Activation_Of_Measurement_Gap • value: 11
Automatic Neighbor Relation	• name: Automatic_Neighbor_Relation • value: 24
Automatic Neighbour Relation	• name: Automatic_Neighbour_Relation • value: 5
Below Serving Floor	• name: Below_Serving_Floor • value: 27
Blind PS Handover To UTRAN FDD	• name: Blind_PS_Handover_To_UTRA_FDD • value: 8
Blind PS Handover To UTRAN TDD	• name: Blind_PS_Handover_To_UTRA_TDD • value: 18
Blind Redirection To 3GPP RAT Or PS Handover To UTRAN FDD	• 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	• 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	• name: Blind_Redirection_To_3GPP_RAT • value: 7
Blind Redirection To Inter Freq	• name: Blind_Redirection_To_Inter_Freq • value: 17
Deactivation Of Measurement Gap	• name: Deactivation_Of_Measurement_Gap • value: 9
Entering Coverage Alarm	• name: Entering_Coverage_Alarm • value: 26
Inter Frequency Handover Trigger	• name: Inter_frequency_handover_trigger • value: 16
Intra-frequency Handover Trigger	• name: Intra_frequency_handover_trigger • value: 2
Leaving Coverage Alarm	• name: Leaving_Coverage_Alarm • value: 25
Measurement Cell Change Order To GERAN	• name: Meas_CellChangeOrder_To_GERAN • value: 12
Measurement PS Handover To UTRAN FDD	• name: Meas_PS_Handover_To_UTRA_FDD • value: 10
Measurement PS Handover To UTRAN TDD	• name: Meas_PS_Handover_To_UTRA_TDD • value: 20
Measurement Redirection Or Cell Change Order To GERAN	• name: Meas_Redirection_Or_CellChangeOrder_To_GERAN • value: 15
Measurement Redirection Or PS Handover To UTRAN FDD	• name: Meas_Redirection_Or_PS_Handover_To_UTRA_FDD • value: 1
Measurement Redirection Or PS Handover To UTRAN TDD	• name: Meas_Redirection_Or_PS_Handover_To_UTRA_TDD • value: 21
Measurement Redirection To GERAN	• name: Meas_Redirection_To_GERAN • value: 4
Measurement Redirection To UTRAN FDD	• name: Meas_Redirection_To_UTRA_FDD • value: 3
Measurement Redirection To UTRAN TDD	• name: Meas_Redirection_To_UTRA_TDD • value: 6
Mobility Inter-Frequency to EUTRAN	• name: Mobility_Inter_Freq_to_EUTRA • value: 30
Mobility Inter-RAT to GERAN	• name: Mobility_Inter_RAT_to_GERAN • value: 29
Mobility Inter-RAT to HRPD	• name: Mobility_Inter_RAT_to_HRPD • value: 23
Mobility Inter-RAT to UTRAN	• name: Mobility_Inter_RAT_to_UTRA • value: 28
Mobility Intra-Frequency	• name: Mobility_Intra_Freq • value: 22

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Name	Value
Redirection to HRPD via Event A2	• name: Redirection_to_HRPD_via_Event_A2 • value: 14
Report CGI	• name: Report_CGI • value: 13

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Table 282-98 MgGroupCardRoleEnum

Name	Value
Inactive	• name: unavailable • selectable: no • value: 0
Protect	• name: protect • value: 2
undefined	• name: undefined • selectable: no • value: -1
Working	• name: working • value: 1

Table 282-99 MIMOModeEnum

Name	Value
Cl MIMO Only	• name: clMimoOnly • value: 0
Close Loop Allowed	• name: closeLoopAllowed • value: 6
Close Loop Only	• name: closeLoopOnly • value: 2
MIMO Allowed	• name: mimoAllowed • value: 4
MIMO Not Allowed	• name: mimoNotAllowed • value: 3
MIMO Two Layers Allowed	• name: mimoTwoLayersAllowed • value: 9
MIMO Two Layers Not Allowed	• name: mimoTwoLayersNotAllowed • value: 8
Tx Div Only	• name: txDivOnly • value: 7

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Name	Value
Tx Div Or Cl MIMO	• name: txDivOrClMimo • value: 1
Tx Div Or Ol MIMO	• name: txDivOrOlMimo • value: 5

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Table 282-100 MMEPriority

Name	Value
Primary	• name: primary • value: 0
Secondary	• name: secondary • value: 1

Table 282-101 MobileCountryCode

Name	Value
0 - Default	• name: default • order: 1 • selectable: no • value: 0
202 - Greece	• name: gr • order: 80 • value: 202
204 - Netherlands	• name: nl • order: 147 • value: 204
206 - Belgium	• name: be • order: 22 • value: 206
208 - France	• name: fr • order: 72 • value: 208
212 - Monaco	• name: mc • order: 137 • value: 212
213 - Andorra	• name: ad • order: 7 • value: 213
214 - Spain	• name: es • order: 191 • value: 214

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Name	Value
216 - Hungary	• name: hu • order: 92 • value: 216
218 - Bosnia and Herzegovina	• name: ba • order: 28 • value: 218
219 - Croatia	• name: hr • order: 51 • value: 219
220 - Serbia (Republic of)	• name: rs • order: 182 • value: 220
222 - Italy	• name: it • order: 101 • value: 222
225 - Vatican City State	• name: va • order: 228 • value: 225
226 - Romania	• name: ro • order: 170 • value: 226
228 - Switzerland	• name: ch • order: 197 • value: 228
230 - Czech Republic	• name: cz • order: 54 • value: 230
231 - Slovakia	• name: sk • order: 186 • value: 231
232 - Austria	• name: at • order: 15 • value: 232
234 - United Kingdom (2)	• name: gb2 • order: 216 • value: 234
235 - United Kingdom (1)	• name: gb1 • order: 215 • value: 235
238 - Denmark	• name: dk • order: 56 • value: 238
240 - Sweden	• name: se • order: 196 • value: 240

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Name	Value
242 - Norway	• name: no • order: 155 • value: 242
244 - Finland	• name: fi • order: 71 • value: 244
246 - Lithuania	• name: lt • order: 120 • value: 246
247 - Latvia	• name: lv • order: 114 • value: 247
248 - Estonia	• name: ee • order: 66 • value: 248
250 - Russian Federation	• name: ru • order: 171 • value: 250
255 - Ukraine	• name: ua • order: 211 • value: 255
257 - Belarus	• name: by • order: 21 • value: 257
259 - Moldova	• name: md • order: 136 • value: 259
260 - Poland	• name: pl • order: 165 • value: 260
262 - Germany	• name: de • order: 77 • value: 262
266 - Gibraltar (UK)	• name: gi • order: 79 • value: 266
268 - Portugal	• name: pt • order: 166 • value: 268
270 - Luxembourg	• name: lu • order: 121 • value: 270
272 - Ireland	• name: ie • order: 99 • value: 272

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Name	Value
274 - Iceland	• name: is • order: 93 • value: 274
276 - Albania	• name: al • order: 4 • value: 276
278 - Malta	• name: mt • order: 129 • value: 278
280 - Cyprus	• name: cy • order: 53 • value: 280
282 - Georgia	• name: ge • order: 76 • value: 282
283 - Armenia	• name: am • order: 12 • value: 283
284 - Bulgaria	• name: bg • order: 33 • value: 284
286 - Turkey	• name: tr • order: 207 • value: 286
288 - Faroe Islands (Denmark)	• name: fo • order: 69 • value: 288
289 - Abkhazia (Georgia)	• name: ak • order: 2 • value: 289
290 - Greenland (Denmark)	• name: gl • order: 81 • value: 290
292 - San Marino	• name: sm • order: 178 • value: 292
293 - Slovenia	• name: si • order: 187 • value: 293
294 - Republic of Macedonia	• name: mk • order: 123 • value: 294
295 - Liechtenstein	• name: li • order: 119 • value: 295

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Name	Value
297 - Montenegro (Republic of)	• name: me • order: 139 • value: 297
302 - Canada	• name: ca • order: 38 • value: 302
308 - Saint Pierre et Miquelon (France)	• name: pm • order: 175 • value: 308
310 - United States of America (1)	• name: us1 • order: 217 • value: 310
311 - United States of America (2)	• name: us2 • order: 218 • value: 311
312 - United States of America (3)	• name: us3 • order: 219 • value: 312
313 - United States of America (4)	• name: us4 • order: 220 • value: 313
314 - United States of America (5)	• name: us5 • order: 221 • value: 314
315 - United States of America (6)	• name: us6 • order: 222 • value: 315
316 - United States of America (7)	• name: us7 • order: 223 • value: 316
330 - Puerto Rico (US)	• name: pr • order: 167 • value: 330
332 - United States Virgin Islands (US)	• name: vi • order: 224 • value: 332
334 - Mexico	• name: mx • order: 134 • value: 334
338 - Jamaica	• name: jm • order: 102 • value: 338
340 - Guadeloupe et Martinique (France)	• name: gp • order: 83 • value: 340

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Name	Value
342 - Barbados	• name: bb • order: 20 • value: 342
344 - Antigua and Barbuda	• name: ag • order: 10 • value: 344
346 - Cayman Islands (UK)	• name: ky • order: 40 • value: 346
348 - British Virgin Islands (UK)	• name: vg • order: 31 • value: 348
350 - Bermuda (UK)	• name: bm • order: 25 • value: 350
353 - Grenada	• name: gd • order: 82 • value: 352
354 - Montserrat (UK)	• name: ms • order: 140 • value: 354
356 - Saint Kitts and Nevis	• name: kn • order: 173 • value: 356
358 - Saint Lucia	• name: lc • order: 174 • value: 358
360 - Saint Vincent and the Grenadines	• name: vc • order: 176 • value: 360
362 - Netherlands Antilles (Netherlands)	• name: an • order: 148 • value: 362
363 - Aruba (Netherlands)	• name: aw • order: 13 • value: 363
364 - Bahamas	• name: bs • order: 17 • value: 364
365 - Anguilla	• name: ai • order: 9 • value: 365
366 - Dominica	• name: dm • order: 58 • value: 366

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Name	Value
368 - Cuba	• name: cu • order: 52 • value: 368
370 - Dominican Republic	• name: do • order: 59 • value: 370
372 - Haiti	• name: ht • order: 89 • value: 372
374 - Trinidad and Tobago	• name: tt • order: 205 • value: 374
376 - Turks and Caicos Islands (UK)	• name: tc • order: 209 • value: 376
400 - Azerbaijani Republic	• name: az • order: 16 • value: 400
401 - Kazakhstan	• name: kz • order: 106 • value: 401
402 - Bhutan	• name: bt • order: 26 • value: 402
404 - India (1)	• name: in1 • order: 94 • value: 404
405 - India (2)	• name: in2 • order: 95 • value: 405
410 - Pakistan	• name: pk • order: 157 • value: 410
412 - Afghanistan	• name: af • order: 3 • value: 412
413 - Sri Lanka	• name: lk • order: 192 • value: 413
414 - Myanmar	• name: mm • order: 143 • value: 414
415 - Lebanon	• name: lb • order: 115 • value: 415

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Name	Value
416 - Jordan	• name: jo • order: 105 • value: 416
417 - Syria	• name: sy • order: 198 • value: 417
418 - Iraq	• name: iq • order: 98 • value: 418
419 - Kuwait	• name: kw • order: 111 • value: 419
420 - Saudi Arabia	• name: sa • order: 180 • value: 420
421 - Yemen	• name: ye • order: 232 • value: 421
422 - Oman	• name: om • order: 156 • value: 422
423 - Palestine	• name: ps • order: 159 • value: 423
424 - United Arab Emirates	• name: ae1 • order: 212 • value: 424
425 - Israel	• name: il • order: 100 • value: 425
426 - Bahrain	• name: bh • order: 18 • value: 426
427 - Qatar	• name: qa • order: 168 • value: 427
428 - Mongolia	• name: mn • order: 138 • value: 428
429 - Nepal	• name: np • order: 146 • value: 429
430 - United Arab Emirates (Abu Dhabi)	• name: ae2 • order: 213 • value: 430

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Name	Value
431 - United Arab Emirates (Dubai)	• name: ae3 • order: 214 • value: 431
432 - Iran	• name: ir • order: 97 • value: 432
434 - Uzbekistan	• name: uz • order: 226 • value: 434
436 - Tajikistan	• name: tj • order: 200 • value: 436
437 - Kyrgyz Republic	• name: kg • order: 112 • value: 437
438 - Turkmenistan	• name: tm • order: 208 • value: 438
440 - Japan (2)	• name: jp2 • order: 104 • value: 440
441 - Japan (1)	• name: jp1 • order: 103 • value: 441
450 - Korea, South	• name: kr • order: 110 • value: 450
452 - Viet Nam	• name: vn • order: 230 • value: 452
454 - Hong Kong (PRC)	• name: hk • order: 91 • value: 454
455 - Macau (PRC)	• name: mo • order: 122 • value: 455
456 - Cambodia	• name: kh • order: 36 • value: 456
457 - Laos	• name: la • order: 113 • value: 457
460 - China	• name: cn • order: 44 • value: 460

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Name	Value
466 - Taiwan	• name: tw • order: 199 • value: 466
467 - Korea, North	• name: kp • order: 109 • value: 467
470 - Bangladesh	• name: bd • order: 19 • value: 470
472 - Maldives	• name: mv • order: 127 • value: 472
502 - Malaysia	• name: my • order: 126 • value: 502
505 - Australia	• name: au • order: 14 • value: 505
510 - Indonesia	• name: id • order: 96 • value: 510
514 - East Timor	• name: tl • order: 60 • value: 514
515 - Philippines	• name: ph • order: 164 • value: 515
520 - Thailand	• name: th • order: 202 • value: 520
525 - Singapore	• name: sg • order: 185 • value: 525
528 - Brunei Darussalam	• name: bn • order: 32 • value: 528
530 - New Zealand	• name: nz • order: 150 • value: 530
534 - Northern Mariana Islands (US)	• name: mp • order: 154 • value: 534
535 - Guam (US)	• name: gu • order: 84 • value: 535

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Name	Value
536 - Nauru	• name: nr • order: 145 • value: 536
537 - Papua New Guinea	• name: pg • order: 161 • value: 537
539 - Tonga	• name: to • order: 204 • value: 539
540 - Solomon Islands	• name: sb • order: 188 • value: 540
541 - Vanuatu	• name: vu • order: 227 • value: 541
542 - Fiji	• name: fj • order: 70 • value: 542
543 - Wallis et Futuna (France)	• name: wf • order: 231 • value: 543
544 - American Samoa (US)	• name: as • order: 6 • value: 544
545 - Kiribati	• name: ki • order: 108 • value: 545
546 - New Caledonia (France)	• name: nc • order: 149 • value: 546
547 - French Polynesia (France)	• name: pf • order: 73 • value: 547
548 - Cook Islands (NZ)	• name: ck • order: 48 • value: 548
549 - Samoa	• name: ws • order: 177 • value: 549
550 - Federated States of Micronesia	• name: fm • order: 135 • value: 550
551 - Marshall Islands	• name: mh • order: 130 • value: 551

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Name	Value
552 - Palau	• name: pw • order: 158 • value: 552
602 - Egypt	• name: eg • order: 62 • value: 602
603 - Algeria	• name: dz • order: 5 • value: 603
604 - Morocco	• name: ma • order: 141 • value: 604
605 - Tunisia	• name: tn • order: 206 • value: 605
606 - Libya	• name: ly • order: 118 • value: 606
607 - Gambia	• name: gm • order: 75 • value: 607
608 - Senegal	• name: sn • order: 181 • value: 608
609 - Mauritania	• name: mr • order: 132 • value: 609
610 - Mali	• name: ml • order: 128 • value: 610
611 - Guinea	• name: gn • order: 86 • value: 611
612 - Cote d'Ivoire	• name: ci • order: 50 • value: 612
613 - Burkina Faso	• name: bf • order: 34 • value: 613
614 - Niger	• name: ne • order: 152 • value: 614
615 - Togolese Republic	• name: tg • order: 203 • value: 615

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Name	Value
616 - Benin	• name: bj • order: 24 • value: 616
617 - Mauritius	• name: mu • order: 133 • value: 617
618 - Liberia	• name: lr • order: 117 • value: 618
619 - Sierra Leone	• name: sl • order: 184 • value: 619
620 - Ghana	• name: gh • order: 78 • value: 620
621 - Nigeria	• name: ng • order: 153 • value: 621
622 - Chad	• name: td • order: 42 • value: 622
623 - Central African Republic	• name: cf • order: 41 • value: 623
624 - Cameroon	• name: cm • order: 37 • value: 624
625 - Cape Verde	• name: cv • order: 39 • value: 625
626 - Sao Tome and Principe	• name: st • order: 179 • value: 626
627 - Equatorial Guinea	• name: gq • order: 64 • value: 627
628 - Gabonese Republic	• name: ga • order: 74 • value: 628
629 - Republic of the Congo	• name: cg • order: 47 • value: 629
630 - Democratic Republic of the Congo	• name: cd • order: 55 • value: 630

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Name	Value
631 - Angola	• name: ao • order: 8 • value: 631
632 - Guinea-Bissau	• name: gw • order: 87 • value: 632
633 - Seychelles	• name: sc • order: 183 • value: 633
634 - Sudan	• name: sd • order: 193 • value: 634
635 - Rwandese Republic	• name: rw • order: 172 • value: 635
636 - Ethiopia	• name: et • order: 67 • value: 636
637 - Somalia	• name: so • order: 189 • value: 637
638 - Djibouti	• name: dj • order: 57 • value: 638
639 - Kenya	• name: ke • order: 107 • value: 639
640 - Tanzania	• name: tz • order: 201 • value: 640
641 - Uganda	• name: ug • order: 210 • value: 641
642 - Burundi	• name: bi • order: 35 • value: 642
643 - Mozambique	• name: mz • order: 142 • value: 643
645 - Zambia	• name: zm • order: 233 • value: 645
646 - Madagascar	• name: mg • order: 124 • value: 646

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Name	Value
647 - Reunion (France)	• name: re • order: 169 • value: 647
648 - Zimbabwe	• name: zw • order: 234 • value: 648
649 - Namibia	• name: na • order: 144 • value: 649
650 - Malawi	• name: mw • order: 125 • value: 650
651 - Lesotho	• name: ls • order: 116 • value: 651
652 - Botswana	• name: bw • order: 29 • value: 652
653 - Swaziland	• name: sz • order: 195 • value: 653
654 - Comoros	• name: km • order: 46 • value: 654
655 - South Africa	• name: za • order: 190 • value: 655
657 - Eritrea	• name: er • order: 65 • value: 657
702 - Belize	• name: bz • order: 23 • value: 702
704 - Guatemala	• name: gt • order: 85 • value: 704
706 - El Salvador	• name: sv • order: 63 • value: 706
708 - Honduras	• name: hn • order: 90 • value: 708
710 - Nicaragua	• name: ni • order: 151 • value: 710

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Name	Value
712 - Costa Rica	• name: cr • order: 49 • value: 712
714 - Panama	• name: pa • order: 160 • value: 714
716 - Peru	• name: pe • order: 163 • value: 716
722 - Argentine Republic	• name: ar • order: 11 • value: 722
724 - Brazil	• name: br • order: 30 • value: 724
730 - Chile	• name: cl • order: 43 • value: 730
732 - Colombia	• name: co • order: 45 • value: 732
734 - Venezuela	• name: ve • order: 229 • value: 734
736 - Bolivia	• name: bo • order: 27 • value: 736
738 - Guyana	• name: gy • order: 88 • value: 738
740 - Ecuador	• name: ec • order: 61 • value: 740
742 - French Guiana (France)	• name: gf • order: 72 • value: 742
744 - Paraguay	• name: py • order: 162 • value: 744
746 - Suriname	• name: sr • order: 194 • value: 746
748 - Uruguay	• name: uy • order: 225 • value: 748

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Name	Value
750 - Falkland Islands (Malvinas)	• name: fk • order: 68 • value: 750
Select Mobile Country Code	• name: select • order: 1 • selectable: no • value: 1

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Table 282-102 ModeConfEnum

Name	Value
FDD	• name: FDD • value: 1
TDD	• name: TDD • value: 0

Table 282-103 ModificationPeriodCoeffEnum

Name	Value
16 Paging Cycles	• name: n16 • order: 4 • value: 3
2 Paging Cycles	• name: n2 • order: 1 • value: 1
4 Paging Cycles	• name: n4 • order: 2 • value: 0
8 Paging Cycles	• name: n8 • order: 3 • value: 2

Table 282-104 MRIEnum

Name	Value
16	• name: 16 • order: 5 • value: 4
1	• name: 1 • order: 1 • value: 0

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Name	Value
2	• name: 2 • order: 2 • value: 1
32	• name: 32 • order: 6 • value: 5
4	• name: 4 • order: 3 • value: 2
8	• name: 8 • order: 4 • value: 3

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Table 282-105 N310Enum

Name	Value
1 Consecutive Out-of-Sync	• name: n1 • order: 1 • value: 1
10 Consecutive Out-of-Syncs	• name: n10 • order: 7 • value: 0
2 Consecutive Out-of-Syncs	• name: n2 • order: 2 • value: 5
20 Consecutive Out-of-Syncs	• name: n20 • order: 8 • value: 2
3 Consecutive Out-of-Syncs	• name: n3 • order: 3 • value: 4
4 Consecutive Out-of-Syncs	• name: n4 • order: 4 • value: 3
6 Consecutive Out-of-Syncs	• name: n6 • order: 5 • value: 7
8 Consecutive Out-of-Syncs	• name: n8 • order: 6 • value: 6

Table 282-106 N311Enum

Name	Value
1 Consecutive In-Sync	• name: n1 • order: 1 • value: 1
10 Consecutive In-Syncs	• name: n10 • order: 8 • value: 0
2 Consecutive In-Syncs	• name: n2 • order: 2 • value: 5
3 Consecutive In-Syncs	• name: n3 • order: 3 • value: 4
4 Consecutive In-Syncs	• name: n4 • order: 4 • value: 3
5 Consecutive In-Syncs	• name: n5 • order: 5 • value: 2
6 Consecutive In-Syncs	• name: n6 • order: 6 • value: 7
8 Consecutive In-Syncs	• name: n8 • order: 7 • value: 6

Table 282-107 NBEnum

Name	Value
Four Paging Cycles	• name: fourT • order: 10 • value: 4
Half a Paging Cycle	• name: halfT • order: 7 • value: 0
One Eighth of a Paging Cycle	• name: oneEighthT • order: 5 • value: 9
One Eighth of a Paging Cycle	• name: oneEightT • order: 4 • value: 6
One Paging Cycle	• name: oneT • order: 8 • value: 5

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Name	Value
One Sixteenth of a Paging Cycle	• name: oneSixteenthT • order: 3 • value: 2
One Sixteenth of a Paging Cycle	• name: onSixteenthT • order: 2 • value: 1
One Thirty Seconth of a Paging Cycle	• name: oneThirtySecondT • order: 1 • value: 8
Quarter of a Paging Cycle	• name: quarterT • order: 6 • value: 7
Two Paging Cycles	• name: twoT • order: 9 • value: 3

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Table 282-108 NeighCellConfigEnum

Name	Value
All Neighbour Have Same Or Subsets MBSFN Subframe Allocation As Serving	• name: AllNeighbourHaveSameOrSubsetsMBSFNSubframeAllocationAsServing • value: 3
Different Uplink/Downlink Allocation	• name: DifferentUlDlAllocation • value: 1
No MBSFN Subframes Are Present	• name: NoMbsfnSubframesArePresent • value: 0
Not All Neighbour Have Same MBSFN Subframe Allocation As Serving	• name: NotAllNeighbourHaveSameMBSFNSubframeAllocationAsServing • value: 2

Table 282-109 NonMBSFNregionLengthEnum

Name	Value
S1	• name: s1 • value: 0
S2	• name: s2 • value: 1

Table 282-110 NotificationRepetitionCoeffEnum

Name	Value
N2	• name: n2 • value: 0
N4	• name: n4 • value: 1

Table 282-111 NRBCQIEnum

Name	Value
0	• name: 0 • value: 0
28	• name: 28 • value: 1

Table 282-112 NumberOfDLAntennasEnum

Name	Value
Download Antenna 1	• name: dlAntenna1 • value: 0
Download Antenna 2	• name: dlAntenna2 • value: 1
Download Antenna 8	• name: dlAntenna8 • value: 2

Table 282-113 NumberOfTddDLAntennasEnum

Name	Value
Dl Antenna1	• name: dlAntenna1 • value: 0
Dl Antenna2	• name: dlAntenna2 • value: 1
Dl Antenna8	• name: dlAntenna8 • value: 2

Table 282-114 NumberOfTddULAntennasEnum

Name	Value
Ul Antenna1	• name: ulAntenna1 • value: 0
Ul Antenna2	• name: ulAntenna2 • value: 1
Ul Antenna8	• name: ulAntenna8 • value: 2

Table 282-115 NumberOfULAntennasEnum

Name	Value
Ul Antenna1	• name: ulAntenna1 • value: 0
Ul Antenna2	• name: ulAntenna2 • value: 1
Ul Antenna4	• name: ulAntenna4 • value: 3
Ul Antenna8	• name: ulAntenna8 • value: 2

Table 282-116 OAMconnectionState

Name	Value
Not_connected	• name: not_connected • value: 0
Offline	• name: offline • value: 1
Online	• name: online • value: 2

Table 282-117 OAMlinkAdministrativeState

Name	Value
Locked	• name: locked • value: 1
Unlocked	• name: unlocked • value: 0

Table 282-118 OffsetFreqEUTRAEnum

Name	Value
-1 dB	• name: dB_1 • order: 16 • value: 2
-10 dB	• name: dB_10 • order: 9 • value: 11
-12 dB	• name: dB_12 • order: 8 • value: 20
-14 dB	• name: dB_14 • order: 7 • value: 22
-16 dB	• name: dB_16 • order: 6 • value: 25
-18 dB	• name: dB_18 • order: 5 • value: 27
-2 dB	• name: dB_2 • order: 15 • value: 0
-20 dB	• name: dB_20 • order: 4 • value: 23
-22 dB	• name: dB_22 • order: 3 • value: 26
-24 dB	• name: dB_24 • order: 2 • value: 1
-3 dB	• name: dB_3 • order: 14 • value: 14
-4 dB	• name: dB_4 • order: 13 • value: 10
-5 dB	• name: dB_5 • order: 12 • value: 8
-6 dB	• name: dB_6 • order: 11 • value: 5
-8 dB	• name: dB_8 • order: 10 • value: 17

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Name	Value
0 dB	• name: dB0 • order: 17 • value: 3
1 dB	• name: dB1 • order: 18 • value: 4
10 dB	• name: dB10 • order: 25 • value: 29
12 dB	• name: dB12 • order: 26 • value: 31
14 dB	• name: dB14 • order: 27 • value: 19
16 dB	• name: dB16 • order: 28 • value: 21
18 dB	• name: dB18 • order: 29 • value: 24
2 dB	• name: dB2 • order: 19 • value: 6
20 dB	• name: dB20 • order: 30 • value: 7
22 dB	• name: dB22 • order: 31 • value: 13
24 dB	• name: dB24 • order: 32 • value: 30
3 dB	• name: dB3 • order: 20 • value: 9
4 dB	• name: dB4 • order: 21 • value: 12
5 dB	• name: dB5 • order: 22 • value: 15
6 dB	• name: dB6 • order: 23 • value: 16

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Name	Value
8 dB	• name: dB8 • order: 24 • value: 18
Spare	• name: spare • order: 1 • value: 28

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Table 282-119 OperationalModeEnum

Name	Value
Downlink OCNS 1.4 only	• name: dlOCNS1dot4only • value: 2
Downlink Peak Throughput	• name: dlPeakThroughput • value: 1
Nominal	• name: nominal • value: 3
Peak Coverage	• name: peakCoverage • value: 4
Uplink Peak Throughput	• name: ulPeakThroughput • value: 0

Table 282-120 PaOffsetPdschEnum

Name	Value
-1.77 dB	• name: dB_1dot77 • order: 4 • value: 7
-3 dB	• name: dB_3 • order: 3 • value: 6
-4.77 dB	• name: dB_4dot77 • order: 2 • value: 2
-6 dB	• name: dB_6 • order: 1 • value: 4
0 dB	• name: dB0 • order: 5 • value: 0
1 dB	• name: dB1 • order: 6 • value: 1

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Name	Value
2 dB	• name: dB2 • order: 7 • value: 3
3 dB	• name: dB3 • order: 8 • value: 5

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Table 282-121 PathSymnmetry

Name	Value
Double Sided	• name: doubleSided • value: 2
Single Sided	• name: singleSided • value: 1
Undefined	• name: undefined • value: 0

Table 282-122 PbOffsetPdschEnum

Name	Value
Pb 0	• name: pb0 • value: 3
Pb 1	• name: pb1 • value: 1
Pb 2	• name: pb2 • value: 2
Pb 3	• name: pb3 • value: 0

Table 282-123 PdcchAggregationLevelForCommonSearchSpaceEnum

Name	Value
4	• name: 4 • value: 0
8	• name: 8 • value: 1

Table 282-124 PdcchAggregationLevelForUESearchSpaceEnum

Name	Value
1	• name: 1 • value: 1
2	• name: 2 • value: 0
4	• name: 4 • value: 2
8	• name: 8 • value: 3
Adaptive	• name: adaptive • value: 4

Table 282-125 PdcpDiscardTimerEnum

Name	Value
100 ms	• name: 100ms • order: 2 • value: 4
150 ms	• name: 150ms • order: 3 • value: 3
1500 ms	• name: 1500ms • order: 7 • value: 7
300 ms	• name: 300ms • order: 4 • value: 2
50 ms	• name: 50ms • order: 1 • value: 5
500 ms	• name: 500ms • order: 5 • value: 1
750 ms	• name: 750ms • order: 6 • value: 0
Infinity	• name: infinity • order: 8 • value: 6

Table 282-126 PdcpPduSnSizeEnum

Name	Value
12	• name: 12 • value: 2
7	• name: 7 • value: 0
Auto	• name: auto • value: 1

Table 282-127 PdnTypeEnum

Name	Value
ipv4	• name: ipv4 • value: 1
ipv4v6	• name: ipv4v6 • value: 3
ipv6	• name: ipv6 • value: 2
undefined	• name: undefined • value: 0

Table 282-128 PeriodicBSRtimerEnum

Name	Value
Infinity	• name: infinity • order: 15 • value: 5
Sf 10	• name: sf10 • order: 2 • value: 6
Sf 1280	• name: sf1280 • order: 13 • value: 3
Sf 128	• name: sf128 • order: 9 • value: 2
Sf 160	• name: sf160 • order: 10 • value: 14
Sf 16	• name: sf16 • order: 3 • value: 10

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Name	Value
Sf 20	• name: sf20 • order: 4 • value: 9
Sf 2560	• name: sf2560 • order: 14 • value: 4
Sf 320	• name: sf320 • order: 11 • value: 12
Sf 32	• name: sf32 • order: 5 • value: 7
Sf 40	• name: sf40 • order: 6 • value: 11
Sf 5	• name: sf5 • order: 1 • value: 1
Sf 640	• name: sf640 • order: 12 • value: 13
Sf 64	• name: sf64 • order: 7 • value: 0
Sf 80	• name: sf80 • order: 8 • value: 8

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Table 282-129 PeriodicPHRtimerEnum

Name	Value
Infinity	• name: infinity • order: 8 • value: 7
Sf 1000	• name: sf1000 • order: 7 • value: 0
Sf 100	• name: sf100 • order: 4 • value: 3
Sf 10	• name: sf10 • order: 1 • value: 1

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Name	Value
Sf 200	• name: sf200 • order: 5 • value: 2
Sf 20	• name: sf20 • order: 2 • value: 4
Sf 500	• name: sf500 • order: 6 • value: 6
Sf 50	• name: sf50 • order: 3 • value: 5

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Table 282-130 PhichResourceEnum

Name	Value
Half	• name: half • order: 3 • value: 2
One Sixth	• name: oneSixth • order: 4 • value: 3
One	• name: one • order: 2 • value: 1
Two	• name: two • order: 1 • value: 0

Table 282-131 PmcGranularityPeriod

Name	Value
15	• name: 15minutes • order: 2 • value: 900
30	• name: 30minutes • order: 3 • value: 1800

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Name	Value
5	• name: 5minutes • order: 1 • value: 300
60	• name: 60minutes • order: 4 • value: 3600

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Table 282-132 PollByteEnum

Name	Value
100 kB	• name: kb100 • value: 13
1000 kB	• name: kb1000 • value: 10
125 kB	• name: kb125 • value: 12
1250 kB	• name: kb1250 • value: 0
1500 kB	• name: kb1500 • value: 14
2000 kB	• name: kb2000 • value: 11
25 kB	• name: kb25 • value: 1
250 kB	• name: kb250 • value: 3
3000 kB	• name: kb3000 • value: 8
375 kB	• name: kb375 • value: 4
50 kB	• name: kb50 • value: 9
500 kB	• name: kb500 • value: 2
75 kB	• name: kb75 • value: 5
750 kB	• name: kb750 • value: 6
Infinity	• name: kbinfinity • value: 7

Table 282-133 PollPDUEnum

Name	Value
Infinity	• name: pInfinity • order: 8 • value: 3
PDU 128	• name: p128 • order: 6 • value: 5
PDU 16	• name: p16 • order: 3 • value: 1
PDU 256	• name: p256 • order: 7 • value: 4
PDU 32	• name: p32 • order: 4 • value: 6
PDU 4	• name: p4 • order: 1 • value: 2
PDU 64	• name: p64 • order: 5 • value: 0
PDU 8	• name: p8 • order: 2 • value: 7

Table 282-134 PositionSourceEnum

Name	Value
Manually Entered	• name: manuallyEntered • value: 1
Receiver Controlled	• name: receiverControlled • value: 0

Table 282-135 PRACHAntennaModeEnum

Name	Value
A0	• name: a0 • value: 0
A1	• name: a1 • value: 1

Table 282-136 PRBresourceCountEnum

Name	Value
100000	• name: 100000 • order: 6 • value: 4
12000	• name: 12000 • order: 1 • value: 0
15000	• name: 15000 • order: 2 • value: 5
25000	• name: 25000 • order: 3 • value: 1
50000	• name: 50000 • order: 5 • value: 3
75000	• name: 75000 • order: 4 • value: 2

Table 282-137 PreambleInitialReceivedTargetPowerEnum

Name	Value
-100 dB	• name: dBm_100 • order: 11 • value: 2
-102 dB	• name: dBm_102 • order: 10 • value: 1
-104 dB	• name: dBm_104 • order: 9 • value: 0
-106 dB	• name: dBm_106 • order: 8 • value: 4
-108 dB	• name: dBm_108 • order: 7 • value: 3
-110 dB	• name: dBm_110 • order: 6 • value: 10
-112 dB	• name: dBm_112 • order: 5 • value: 15

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Name	Value
-114 dB	• name: dBm_114 • order: 4 • value: 13
-116 dB	• name: dBm_116 • order: 3 • value: 8
-118 dB	• name: dBm_118 • order: 2 • value: 5
-120 dB	• name: dBm_120 • order: 1 • value: 11
-90 dB	• name: dBm_90 • order: 16 • value: 14
-92 dB	• name: dBm_92 • order: 15 • value: 12
-94 dB	• name: dBm_94 • order: 14 • value: 7
-96 dB	• name: dBm_96 • order: 13 • value: 6
-98 dB	• name: dBm_98 • order: 12 • value: 9

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Table 282-138 PreambleTransMaxEnum

Name	Value
10 preambles	• name: n10 • order: 7 • value: 0
100 preambles	• name: n100 • order: 10 • value: 10
20 preambles	• name: n20 • order: 8 • value: 2
200 preambles	• name: n200 • order: 11 • value: 1

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Name	Value
3 preambles	• name: n3 • order: 1 • value: 5
4 preambles	• name: n4 • order: 2 • value: 4
5 preambles	• name: n5 • order: 3 • value: 3
50 preambles	• name: n50 • order: 9 • value: 9
6 preambles	• name: n6 • order: 4 • value: 8
7 preambles	• name: n7 • order: 5 • value: 7
8 preambles	• name: n8 • order: 6 • value: 6

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Table 282-139 ProhibitPHRtimerEnum

Name	Value
Sf 0	• name: sf0 • order: 1 • value: 7
Sf 1000	• name: sf1000 • order: 8 • value: 0
Sf 100	• name: sf100 • order: 5 • value: 3
Sf 10	• name: sf10 • order: 2 • value: 1
Sf 200	• name: sf200 • order: 6 • value: 2
Sf 20	• name: sf20 • order: 3 • value: 4

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Name	Value
Sf 500	• name: sf500 • order: 7 • value: 6
Sf 50	• name: sf50 • order: 4 • value: 5

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Table 282-140 PuschHoppingType1PatternEnum

Name	Value
Half Of N PUSCH RB	• name: Half_Of_N_PUSCH_RB • value: 2
Minus Quarter Of N PUSCH RB	• name: Minus_Quarter_Of_N_PUSCH_RB • value: 1
Quarter Of N PUSCH RB	• name: Quarter_Of_N_PUSCH_RB • value: 0

Table 282-141 PuschHoppingTypeConfigEnum

Name	Value
Hopping Type 1 And Type 2	• name: hoppingType1AndType2 • value: 3
Hopping Type 1 Only	• name: hoppingType1Only • value: 1
Hopping Type 2 Only	• name: hoppingType2Only • value: 2
No Hopping	• name: no_hopping • value: 0

Table 282-142 PUSCHPowerControlAlphaFactorEnum

Name	Value
0.4	• name: 0_4 • value: 1
0.5	• name: 0_5 • value: 0
0.6	• name: 0_6 • value: 7

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Name	Value
0.7	• name: 0_7 • value: 6
0.8	• name: 0_8 • value: 5
0.9	• name: 0_9 • value: 4
0	• name: 0 • value: 2
1.0	• name: 1_0 • value: 3

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Table 282-143 PuschPowerCtrlModeEnum

Name	Value
Pwr Ctrl Based On DMRS	• name: PwrCtrlBasedOnDMRS • value: 1
Pwr Ctrl Based On SRS	• name: PwrCtrlBasedOnSRS • value: 0

Table 282-144 QCIforVoipRtpRtcpEnum

Name	Value
GBR-1	• name: GBR_1 • value: 6
GBR-2	• name: GBR_2 • value: 3
GBR-3	• name: GBR_3 • value: 5
GBR-4	• name: GBR_4 • value: 1
nGBR-5	• name: nGBR_5 • value: 4
nGBR-6	• name: nGBR_6 • value: 0
nGBR-7	• name: nGBR_7 • value: 2
nGBR-8	• name: nGBR_8 • value: 7
nGBR-9	• name: nGBR_9 • value: 8

Table 282-145 QHystEnum

Name	Value
0 dB	• name: dB0 • order: 1 • value: 0
1 dB	• name: dB1 • order: 2 • value: 1
10 dB	• name: dB10 • order: 9 • value: 10
12 dB	• name: dB12 • order: 10 • value: 13
14 dB	• name: dB14 • order: 11 • value: 11
16 dB	• name: dB16 • order: 12 • value: 14
18 dB	• name: dB18 • order: 13 • value: 15
2 dB	• name: dB2 • order: 3 • value: 2
20 dB	• name: dB20 • order: 14 • value: 3
22 dB	• name: dB22 • order: 15 • value: 6
24 dB	• name: dB24 • order: 16 • value: 12
3 dB	• name: dB3 • order: 4 • value: 4
4 dB	• name: dB4 • order: 5 • value: 5
5 dB	• name: dB5 • order: 6 • value: 7

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Name	Value
6 dB	• name: dB6 • order: 7 • value: 8
8 dB	• name: dB8 • order: 8 • value: 9

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Table 282-146 QHystSpeedFactorsHighEnum

Name	Value
-2 dB	• name: dB_2 • order: 3 • value: 0
-4 dB	• name: dB_4 • order: 2 • value: 3
-6 dB	• name: dB_6 • order: 1 • value: 2
0 dB	• name: dB0 • order: 4 • value: 1
Unspecified	• name: unspecified • order: 0 • selectable: no • value: -1

Table 282-147 QHystSpeedFactorsMediumEnum

Name	Value
-2 dB	• name: dB_2 • order: 3 • value: 0
-4 dB	• name: dB_4 • order: 2 • value: 3
-6 dB	• name: dB_6 • order: 1 • value: 2

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Name	Value
0 dB	• name: dB0 • order: 4 • value: 1
Unspecified	• name: unspecified • order: 0 • selectable: no • value: -1

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Table 282-148 QOffsetCellEnum

Name	Value
-1 dB	• name: dB_1 • order: 15 • value: 2
-10 dB	• name: dB_10 • order: 8 • value: 11
-12 dB	• name: dB_12 • order: 7 • value: 20
-14 dB	• name: dB_14 • order: 6 • value: 22
-16 dB	• name: dB_16 • order: 5 • value: 25
-18 dB	• name: dB_18 • order: 4 • value: 27
-2 dB	• name: dB_2 • order: 14 • value: 0
-20 dB	• name: dB_20 • order: 3 • value: 23
-22 dB	• name: dB_22 • order: 2 • value: 26
-24 dB	• name: dB_24 • order: 1 • value: 1
-3 dB	• name: dB_3 • order: 13 • value: 14

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Name	Value
-4 dB	• name: dB_4 • order: 12 • value: 10
-5 dB	• name: dB_5 • order: 11 • value: 8
-6 dB	• name: dB_6 • order: 10 • value: 5
-8 dB	• name: dB_8 • order: 9 • value: 17
0 dB	• name: dB0 • order: 16 • value: 3
1 dB	• name: dB1 • order: 17 • value: 4
10 dB	• name: dB10 • order: 24 • value: 28
12 dB	• name: dB12 • order: 25 • value: 30
14 dB	• name: dB14 • order: 26 • value: 19
16 dB	• name: dB16 • order: 27 • value: 21
18 dB	• name: dB18 • order: 28 • value: 24
2 dB	• name: dB2 • order: 18 • value: 6
20 dB	• name: dB20 • order: 29 • value: 7
22 dB	• name: dB22 • order: 30 • value: 13
24 dB	• name: dB24 • order: 31 • value: 29

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Name	Value
3 dB	• name: dB3 • order: 19 • value: 9
4 dB	• name: dB4 • order: 20 • value: 12
5 dB	• name: dB5 • order: 21 • value: 15
6 dB	• name: dB6 • order: 22 • value: 16
8 dB	• name: dB8 • order: 23 • value: 18

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Table 282-149 RACHpreambleTxPowerStepSizeEnum

Name	Value
0 dB	• name: dB0 • value: 0
2 dB	• name: dB2 • value: 1
4 dB	• name: dB4 • value: 2
6 dB	• name: dB6 • value: 3

Table 282-150 RadioFrameAllocationPeriodEnum

Name	Value
N16	• name: n16 • value: 4
N1	• name: n1 • value: 0
N2	• name: n2 • value: 1
N32	• name: n32 • value: 5

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Name	Value
N4	• name: n4 • value: 2
N8	• name: n8 • value: 3

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Table 282-151 RangeEnum

Name	Value
12 Cell Identities	• name: n12 • order: 3 • value: 2
128 Cell Identities	• name: n128 • order: 11 • value: 10
16 Cell Identities	• name: n16 • order: 4 • value: 3
168 Cell Identities	• name: n168 • order: 12 • value: 11
24 Cell Identities	• name: n24 • order: 5 • value: 4
252 Cell Identities	• name: n252 • order: 13 • value: 12
32 Cell Identities	• name: n32 • order: 6 • value: 5
4 Cell Identities	• name: n4 • order: 1 • value: 0
48 Cell Identities	• name: n48 • order: 7 • value: 6
504 Cell Identities	• name: n504 • order: 14 • value: 13
64 Cell Identities	• name: n64 • order: 8 • value: 7
8 Cell Identities	• name: n8 • order: 2 • value: 1

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Name	Value
84 Cell Identities	• name: n84 • order: 9 • value: 8
96 Cell Identities	• name: n96 • order: 10 • value: 9

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Table 282-152 RAresponseWindowSizeEnum

Name	Value
Sf 10	• name: sf10 • order: 8 • value: 0
Sf 2	• name: sf2 • order: 1 • value: 7
Sf 3	• name: sf3 • order: 2 • value: 5
Sf 4	• name: sf4 • order: 3 • value: 6
Sf 5	• name: sf5 • order: 4 • value: 3
Sf 6	• name: sf6 • order: 5 • value: 4
Sf 7	• name: sf7 • order: 6 • value: 1
Sf 8	• name: sf8 • order: 7 • value: 2

Table 282-153 RBlabelIDEnum

Name	Value
GBR-1	• name: GBR_1 • value: 9
GBR-2	• name: GBR_2 • value: 5

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Name	Value
GBR-3	• name: GBR_3 • value: 7
GBR-4	• name: GBR_4 • value: 1
nGBR-5	• name: nGBR_5 • value: 6
nGBR-6	• name: nGBR_6 • value: 0
nGBR-7	• name: nGBR_7 • value: 3
nGBR-8	• name: nGBR_8 • value: 10
nGBR-9	• name: nGBR_9 • value: 11
SRB 0	• name: SRB0 • value: 8
SRB 1	• name: SRB1 • value: 2
SRB 2	• name: SRB2 • value: 4

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Table 282-154 ReferencePointType

Name	Value
Dsc	• name: dsc • selectable: no • value: 18
Ga	• name: ga • selectable: no • value: 20
Gn	• name: gn • selectable: no • value: 10
Gr	• name: gr • selectable: no • value: 21
Gx	• name: gx • value: 12
IuPS	• name: iups • selectable: no • value: 22

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Name	Value
Rf	• name: rf • selectable: no • value: 17
S1-mme	• name: s1mme • selectable: no • value: 11
S1-u	• name: s1u • value: 2
S10	• name: s10 • selectable: no • value: 14
S11	• name: s11 • value: 5
S12	• name: s12 • value: 6
S13	• name: s13 • selectable: no • value: 16
S1	• name: s1 • selectable: no • value: 1
S3	• name: s3 • selectable: no • value: 15
S5	• name: s5 • value: 3
S6a	• name: s6a • selectable: no • value: 8
S8	• name: s8 • value: 4
SGs	• name: sg • selectable: no • value: 13
Sv	• name: sv • selectable: no • value: 9
X2	• name: x2 • selectable: no • value: 19

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Table 282-155 ReportAmountEnum

Name	Value
1 Report	• name: r1 • order: 1 • value: 4
16 Reports	• name: r16 • order: 5 • value: 1
2 Reports	• name: r2 • order: 2 • value: 5
32 Reports	• name: r32 • order: 6 • value: 2
4 Reports	• name: r4 • order: 3 • value: 7
64 Reports	• name: r64 • order: 7 • value: 0
8 Reports	• name: r8 • order: 4 • value: 3
Infinity	• name: infinity • order: 8 • value: 6

Table 282-156 ReportIntervalEnum

Name	Value
1024 ms Interval	• name: ms1024 • value: 0
10240 ms Interval	• name: ms10240 • value: 8
120 ms Interval	• name: ms120 • value: 7
2048 ms Interval	• name: ms2048 • value: 11
240 ms Interval	• name: ms240 • value: 12
480 ms Interval	• name: ms480 • value: 3
5120 ms Interval	• name: ms5120 • value: 6

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Name	Value
640 ms Inverval	• name: ms640 • value: 2
Min 1 Reports	• name: min1 • value: 9
Min 12 Reports	• name: min12 • value: 10
Min 30 Reports	• name: min30 • value: 4
Min 6 Reports	• name: min6 • value: 5
Min 60 Reports	• name: min60 • value: 1

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Table 282-157 ReportIntervalUtraEnum

Name	Value
1024 ms Interval	• name: ms1024 • value: 0
10240 ms Interval	• name: ms10240 • value: 8
120 ms Interval	• name: ms120 • value: 7
2048 ms Interval	• name: ms2048 • value: 11
240 ms Interval	• name: ms240 • value: 12
480 ms Interval	• name: ms480 • value: 3
5120 ms Interval	• name: ms5120 • value: 6
640 ms Interval	• name: ms640 • value: 2
Min 1 Report	• name: min1 • value: 9
Min 12 Report	• name: min12 • value: 10
Min 30 Reports	• name: min30 • value: 4
Min 6 Reports	• name: min6 • value: 5
Min 60 Reports	• name: min60 • value: 1

Table 282-158 ReportQuantityEUTRAEnum

Name	Value
Both	• name: both • value: 0
Same As Trigger Quantity	• name: sameAsTriggerQuantity • value: 1

Table 282-159 ResetType

Name	Value
Nothing	• name: nothing • value: 2
Power Cycle	• name: powerCycle • selectable: no • value: 4
Removable Item	• name: rit • value: 1
Telecom	• name: telecom • selectable: no • value: 3

Table 282-160 RetAntennaCalibrateEnum

Name	Value
False	• name: false • value: 2
True	• name: true • value: 1
Unknown	• name: unknown • value: 255

Table 282-161 RetSelfTestEnum

Name	Value
False	• name: false • value: 2
True	• name: true • value: 1
Unknown	• name: unknown • value: 255

Table 282-162 RetxBSRtimerEnum

Name	Value
Sf 10240	• name: sf10240 • order: 6 • value: 5
Sf 1280	• name: sf1280 • order: 3 • value: 0
Sf 2560	• name: sf2560 • order: 4 • value: 2
Sf 320	• name: sf320 • order: 1 • value: 3
Sf 5120	• name: sf5120 • order: 5 • value: 1
Sf 640	• name: sf640 • order: 2 • value: 4

Table 282-163 RfAccLevel

Name	Value
PDN Level	• name: pdnlevel • value: 1
QCI Level	• name: qcilevel • value: 2
Undefined	• name: undefined • selectable: no • value: 0

Table 282-164 RLCumSNfieldLengthEnum

Name	Value
Size 10	• name: size10 • value: 0
Size 5	• name: size5 • value: 1

Table 282-165 RNTPThresholdEnum

Name	Value
-1 dB	• name: dB_1 • value: 11
-10 dB	• name: dB_10 • value: 2
-11 dB	• name: dB_11 • value: 1
-2 dB	• name: dB_2 • value: 10
-3 dB	• name: dB_3 • value: 9
-4 dB	• name: dB_4 • value: 8
-5 dB	• name: dB_5 • value: 7
-6 dB	• name: dB_6 • value: 6
-7 dB	• name: dB_7 • value: 5
-8 dB	• name: dB_8 • value: 4
-9 dB	• name: dB_9 • value: 3
0 dB	• name: dB0 • value: 12
1 dB	• name: dB1 • value: 13
2 dB	• name: dB2 • value: 14
3 dB	• name: dB3 • value: 15
dB-Infinity	• name: dBminusInfinity • value: 0

Table 282-166 RohcPreferredModeEnum

Name	Value
O-mode	• name: O_mode • value: 0

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Name	Value
R-mode	• name: R_mode • value: 1
U-mode	• name: U_mode • value: 2

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Table 282-167 RrcT320Enum

Name	Value
Min 10	• name: min10 • order: 2 • value: 3
Min 120	• name: min120 • order: 6 • value: 1
Min 180	• name: min180 • order: 7 • value: 4
Min 20	• name: min20 • order: 3 • value: 2
Min 30	• name: min30 • order: 4 • value: 5
Min 5	• name: min5 • order: 1 • value: 6
Min 60	• name: min60 • order: 5 • value: 0

Table 282-168 RSRPRangeEnum

Name	Value
[-100,-99]	• name: minus100_to_minus99 • order: 42 • value: 19
[-101,-100]	• name: minus101_to_minus100 • order: 41 • value: 31
[-102,-101]	• name: minus102_to_minus101 • order: 40 • value: 26

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Name	Value
[-103,-102]	• name: minus103_to_minus102 • order: 39 • value: 50
[-104,-103]	• name: minus104_to_minus103 • order: 38 • value: 66
[-105,-104]	• name: minus105_to_minus104 • order: 37 • value: 78
[-106,-105]	• name: minus106_to_minus105 • order: 36 • value: 9
[-107,-106]	• name: minus107_to_minus106 • order: 35 • value: 81
[-108,-107]	• name: minus108_to_minus107 • order: 34 • value: 22
[-109,-108]	• name: minus109_to_minus108 • order: 33 • value: 23
[-110,-109]	• name: minus110_to_minus109 • order: 32 • value: 41
[-111,-110]	• name: minus111_to_minus110 • order: 31 • value: 59
[-112,-111]	• name: minus112_to_minus111 • order: 30 • value: 69
[-113,-112]	• name: minus113_to_minus112 • order: 29 • value: 48
[-114,-113]	• name: minus114_to_minus113 • order: 28 • value: 73
[-115,-114]	• name: minus115_to_minus114 • order: 27 • value: 54
[-116,-115]	• name: minus116_to_minus115 • order: 26 • value: 14
[-117,-116]	• name: minus117_to_minus116 • order: 25 • value: 16

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Name	Value
[-118,-117]	• name: minus118_to_minus117 • order: 24 • value: 79
[-119,-118]	• name: minus119_to_minus118 • order: 23 • value: 8
[-120,-119]	• name: minus120_to_minus119 • order: 22 • value: 15
[-121,-120]	• name: minus121_to_minus120 • order: 21 • value: 20
[-122,-121]	• name: minus122_to_minus121 • order: 20 • value: 68
[-123,-122]	• name: minus123_to_minus122 • order: 19 • value: 70
[-124,-123]	• name: minus124_to_minus123 • order: 18 • value: 51
[-125,-124]	• name: minus125_to_minus124 • order: 17 • value: 32
[-126,-125]	• name: minus126_to_minus125 • order: 16 • value: 3
[-127,-126]	• name: minus127_to_minus126 • order: 15 • value: 89
[-128,-127]	• name: minus128_to_minus127 • order: 14 • value: 52
[-129,-128]	• name: minus129_to_minus128 • order: 13 • value: 42
[-130,-129]	• name: minus130_to_minus129 • order: 12 • value: 74
[-131,-130]	• name: minus131_to_minus130 • order: 11 • value: 75
[-132,-131]	• name: minus132_to_minus131 • order: 10 • value: 11

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Name	Value
[-133,-132]	• name: minus133_to_minus132 • order: 9 • value: 88
[-134,-133]	• name: minus134_to_minus133 • order: 8 • value: 24
[-135,-134]	• name: minus135_to_minus134 • order: 7 • value: 44
[-136,-135]	• name: minus136_to_minus135 • order: 6 • value: 18
[-137,-136]	• name: minus137_to_minus136 • order: 5 • value: 86
[-138,-137]	• name: minus138_to_minus137 • order: 4 • value: 55
[-139,-138]	• name: minus139_to_minus138 • order: 3 • value: 95
[-140,-139]	• name: minus140_to_minus139 • order: 2 • value: 29
[-45,-44]	• name: minus45_to_minus44 • order: 94 • value: 33
[-46,-45]	• name: minus46_to_minus45 • order: 93 • value: 63
[-47,-46]	• name: minus47_to_minus46 • order: 92 • value: 2
[-48,-47]	• name: minus48_to_minus47 • order: 92 • value: 83
[-49,-48]	• name: minus49_to_minus48 • order: 91 • value: 6
[-50,-49]	• name: minus50_to_minus49 • order: 90 • value: 87
[-51,-50]	• name: minus51_to_minus50 • order: 89 • value: 4

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Name	Value
[-52,-51]	• name: minus52_to_minus51 • order: 88 • value: 43
[-53,-52]	• name: minus53_to_minus52 • order: 87 • value: 72
[-54,-53]	• name: minus54_to_minus53 • order: 86 • value: 65
[-55,-54]	• name: minus55_to_minus54 • order: 85 • value: 34
[-56,-55]	• name: minus56_to_minus55 • order: 84 • value: 1
[-57,-56]	• name: minus57_to_minus56 • order: 83 • value: 7
[-58,-57]	• name: minus58_to_minus57 • order: 82 • value: 92
[-59,-58]	• name: minus59_to_minus58 • order: 81 • value: 76
[-60,-59]	• name: minus60_to_minus59 • order: 80 • value: 80
[-61,-60]	• name: minus61_to_minus60 • order: 79 • value: 47
[-62,-61]	• name: minus62_to_minus61 • order: 78 • value: 96
[-63,-62]	• name: minus63_to_minus62 • order: 77 • value: 53
[-64,-63]	• name: minus64_to_minus63 • order: 76 • value: 64
[-65,-64]	• name: minus65_to_minus64 • order: 75 • value: 5
[-66,-65]	• name: minus66_to_minus65 • order: 74 • value: 56

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Name	Value
[-67,-66]	• name: minus67_to_minus66 • order: 73 • value: 39
[-68,-67]	• name: minus68_to_minus67 • order: 72 • value: 82
[-69,-68]	• name: minus69_to_minus68 • order: 71 • value: 45
[-70,-69]	• name: minus70_to_minus69 • order: 70 • value: 0
[-71,-70]	• name: minus71_to_minus70 • order: 69 • value: 58
[-72,-71]	• name: minus72_to_minus71 • order: 68 • value: 36
[-73,-72]	• name: minus73_to_minus72 • order: 67 • value: 62
[-74,-73]	• name: minus74_to_minus73 • order: 66 • value: 46
[-75,-74]	• name: minus75_to_minus74 • order: 65 • value: 27
[-76,-75]	• name: minus76_to_minus75 • order: 64 • value: 71
[-77,-76]	• name: minus77_to_minus76 • order: 63 • value: 84
[-78,-77]	• name: minus78_to_minus77 • order: 62 • value: 35
[-79,-78]	• name: minus79_to_minus78 • order: 61 • value: 25
[-80,-79]	• name: minus80_to_minus79 • order: 61 • value: 94
[-81,-80]	• name: minus81_to_minus80 • order: 60 • value: 13

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Name	Value
[-82,-81]	• name: minus82_to_minus81 • order: 59 • value: 97
[-83,-82]	• name: minus83_to_minus82 • order: 58 • value: 28
[-84,-83]	• name: minus84_to_minus83 • order: 57 • value: 90
[-85,-84]	• name: minus85_to_minus84 • order: 56 • value: 38
[-86,-85]	• name: minus86_to_minus85 • order: 56 • value: 49
[-87,-86]	• name: minus87_to_minus86 • order: 55 • value: 12
[-88,-87]	• name: minus88_to_minus87 • order: 54 • value: 67
[-89,-88]	• name: minus89_to_minus88 • order: 53 • value: 91
[-90,-89]	• name: minus90_to_minus89 • order: 52 • value: 37
[-91,-90]	• name: minus91_to_minus90 • order: 51 • value: 61
[-92,-91]	• name: minus92_to_minus91 • order: 50 • value: 30
[-93,-92]	• name: minus93_to_minus92 • order: 49 • value: 60
[-94,-93]	• name: minus94_to_minus93 • order: 48 • value: 57
[-95,-94]	• name: minus95_to_minus94 • order: 47 • value: 17
[-96,-95]	• name: minus96_to_minus95 • order: 46 • value: 21

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Name	Value
[-97,-96]	• name: minus97_to_minus96 • order: 45 • value: 85
[-98,-97]	• name: minus98_to_minus97 • order: 44 • value: 93
[-99,-98]	• name: minus99_to_minus98 • order: 43 • value: 77
less-than-minus140	• name: less_than_minus140 • order: 1 • value: 40
more-than-minus44	• name: more_than_minus44 • order: 95 • value: 10

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Table 282-169 RSRQRangeEnum

Name	Value
[-10,-9.5]	• name: minus10_to_minus9dot5 • order: 21 • value: 9
[-10.5,-10]	• name: minus10dot5_to_minus10 • order: 20 • value: 32
[-11,-10.5]	• name: minus11_to_minus10dot5 • order: 19 • value: 20
[-11.5,-11]	• name: minus11dot5_to_minus11 • order: 18 • value: 7
[-12,-11.5]	• name: minus12_to_minus11dot5 • order: 17 • value: 10
[-12.5,-12]	• name: minus12dot5_to_minus12 • order: 16 • value: 16
[-13,-12.5]	• name: minus13_to_minus12dot5 • order: 15 • value: 30
[-13.5,-13]	• name: minus13dot5_to_minus13 • order: 14 • value: 15

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Name	Value
[-14,-13.5]	• name: minus14_to_minus13dot5 • order: 13 • value: 34
[-14.5,-14]	• name: minus14dot5_to_minus14 • order: 12 • value: 3
[-15,-14.5]	• name: minus15_to_minus14dot5 • order: 11 • value: 2
[-15.5,-15]	• name: minus15dot5_to_minus15 • order: 10 • value: 19
[-16,-15.5]	• name: minus16_to_minus15dot5 • order: 9 • value: 26
[-16.5,-16]	• name: minus16dot5_to_minus16 • order: 8 • value: 23
[-17,-16.5]	• name: minus17_to_minus16dot5 • order: 7 • value: 29
[-17.5,-17]	• name: minus17dot5_to_minus17 • order: 6 • value: 12
[-18,-17.5]	• name: minus18_to_minus17dot5 • order: 5 • value: 6
[-18.5,-18]	• name: minus18dot5_to_minus18 • order: 4 • value: 1
[-19,-18.5]	• name: minus19_to_minus18dot5 • order: 3 • value: 17
[-19.5,-19]	• name: minus19dot5_to_minus19 • order: 2 • value: 33
[-3.5,-3]	• name: minus3dot5_to_minus3 • order: 34 • value: 14
[-4,-3.5]	• name: minus4_to_minus3dot5 • order: 33 • value: 31
[-4.5,-4]	• name: minus4dot5_to_minus4 • order: 32 • value: 27

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Name	Value
[-5,-4.5]	• name: minus5_to_minus4dot5 • order: 31 • value: 25
[-5.5,-5]	• name: minus5dot5_to_minus5 • order: 30 • value: 4
[-6,-5.5]	• name: minus6_to_minus5dot5 • order: 29 • value: 28
[-6.5,-6]	• name: minus6dot5_to_minus6 • order: 28 • value: 22
[-7,-6.5]	• name: minus7_to_minus6dot5 • order: 27 • value: 8
[-7.5,-7]	• name: minus7dot5_to_minus7 • order: 26 • value: 13
[-8,-7.5]	• name: minus8_to_minus7dot5 • order: 25 • value: 0
[-8.5,-8]	• name: minus8dot5_to_minus8 • order: 25 • value: 18
[-9,-8.5]	• name: minus9_to_minus8dot5 • order: 23 • value: 21
[-9.5,-9]	• name: minus9dot5_to_minus9 • order: 22 • value: 24
Less Than -19.5	• name: less_than_minus19dot5 • order: 1 • value: 5
More Than -3	• name: more_than_minus3 • order: 35 • value: 11

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Table 282-170 ScheduleTypeEnum

Name	Value
Daily	• name: daily • value: 1

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Name	Value
None	• name: none • value: 0
Weekly	• name: weekly • value: 2

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Table 282-171 SegmentType

Name	Value
eNodeB - NE	• name: enodebToNe • value: 1
NE - NE	• name: neToNe • value: 2
NE - SGW	• name: neToSgw • value: 3
Other	• name: other • selectable: no • value: 0
PGW - PCRF	• name: pgwToPcrf • value: 6
SGW - MME	• name: sgwToMme • value: 5
SGW - PGW	• name: sgwToPgw • value: 4

Table 282-172 ServiceProfileenum

Name	Value
1-GBR	• name: 1_GBR • value: 7
2-GBR	• name: 2_GBR • value: 6
3-GBR	• name: 3_GBR • value: 4
4-GBR	• name: 4_GBR • value: 8
5-non-GBR	• name: 5_non_GBR • value: 3
6-non-GBR	• name: 6_non_GBR • value: 1
7-non-GBR	• name: 7_non_GBR • value: 5

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Name	Value
8-non-GBR	• name: 8_non_GBR • value: 2
9-non-GBR	• name: 9_non_GBR • value: 10
OAM	• name: OAM • value: 0
SCTP	• name: SCTP • value: 9

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Table 282-173 ServiceTypeEnum

Name	Value
CS Fallback	• name: csFallback • value: 1
Emergency Call CS Fallback	• name: emergencyCallCsFallback • value: 2
VoIP	• name: voIp • value: 0

Table 282-174 SfnPhaseSyncEnableEnum

Name	Value
Frequency Sync Only	• name: freqSyncOnly • value: 0
Phase Sync Enabled	• name: phaseSyncEnabled • value: 1

Table 282-175 SfnSyncOptionEnum

Name	Value
Frequency And Phase Sync Enabled	• name: FreqAndPhaseSyncEnabled • value: 1
Frequency Sync Only	• name: FreqSyncOnly • value: 0
Frequency, Phase, and Time Of Day Sync Enabled	• name: FreqAndPhaseAndTimeOfDaySyncEnabled • value: 2

Table 282-176 SibClassPeriodicityEnum

Name	Value
Rf 128	• name: rf128 • order: 5 • value: 4
Rf 16	• name: rf16 • order: 2 • value: 1
Rf 256	• name: rf256 • order: 6 • value: 5
Rf 32	• name: rf32 • order: 3 • value: 2
Rf 512	• name: rf512 • order: 7 • value: 6
Rf 64	• name: rf64 • order: 4 • value: 3
Rf 8	• name: rf8 • order: 1 • value: 0

Table 282-177 SIBorMeasObjectUsageEnum

Name	Value
Measurement Object Only	• name: MeasObject_only • value: 1
SIB and Measurement Object	• name: SIB_and_MeasObject • value: 2
SIB Only	• name: SIB_only • value: 0

Table 282-178 SibPeriodicityEnum

Name	Value
Rf 128	• name: rf128 • value: 6
Rf 16	• name: rf16 • value: 3

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Name	Value
Rf 256	• name: rf256 • value: 5
Rf 32	• name: rf32 • value: 1
Rf 512	• name: rf512 • value: 0
Rf 64	• name: rf64 • value: 2
Rf 8	• name: rf8 • value: 4

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Table 282-179 SignallingMCSEnum

Name	Value
N13	• name: n13 • value: 2
N19	• name: n19 • value: 3
N2	• name: n2 • value: 0
N7	• name: n7 • value: 1

Table 282-180 SinrOffsetFlagEnum

Name	Value
L1-measurement	• name: L1_measurement • value: 0
OA M- Configuration	• name: OAM_Configuration • value: 1

Table 282-181 SpecialSubframePatternsEnum

Name	Value
Pattern 5	• name: ssp5 • value: 0

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Name	Value
Pattern 7	• name: ssp7 • value: 1
Pattern 8	• name: ssp8 • value: 2

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Table 282-182 SpeedFactorsHighEnum

Name	Value
0.25	• name: oDot25 • order: 2 • value: 1
0.5	• name: oDot5 • order: 3 • value: 3
0.75	• name: oDot75 • order: 4 • value: 2
Less Than 0	• name: lDot0 • order: 1 • value: 0

Table 282-183 SpeedFactorsMediumEnum

Name	Value
0.25	• name: oDot25 • order: 2 • value: 1
0.5	• name: oDot5 • order: 3 • value: 3
0.75	• name: oDot75 • order: 4 • value: 2
Less Than 0	• name: lDot0 • order: 1 • value: 0

Table 282-184 SrInitPeriodEnum

Name	Value
10 sf	• name: 10sf • order: 2 • value: 1
20 sf	• name: 20sf • order: 3 • value: 2
40 sf	• name: 40sf • order: 4 • value: 3
5 sf	• name: 5sf • order: 1 • value: 0
80 sf	• name: 80sf • order: 5 • value: 4

Table 282-185 SRPeriodicityEnum

Name	Value
10 ms	• name: 10ms • order: 2 • value: 1
20 ms	• name: 20ms • order: 3 • value: 2
40 ms	• name: 40ms • order: 4 • value: 3
5 ms	• name: 5ms • order: 1 • value: 0
80 ms	• name: 80ms • order: 5 • value: 4
Infinite	• name: infinite • order: 6 • value: 5

Table 282-186 SrsBandwidthConfigurationEnum

Name	Value
Bw0	• name: bw0 • value: 4
Bw2	• name: bw2 • value: 0
Bw3	• name: bw3 • value: 3
Bw6	• name: bw6 • value: 2
Bw7	• name: bw7 • value: 1

Table 282-187 SRSdurationEnum

Name	Value
Infinite	• name: infinite • value: 0
One Shot	• name: oneshot • value: 1

Table 282-188 SrsInitPeriodEnum

Name	Value
10 sf	• name: 10sf • order: 2 • value: 1
20 sf	• name: 20sf • order: 3 • value: 2
40 sf	• name: 40sf • order: 4 • value: 3
5 sf	• name: 5sf • order: 1 • value: 0
80 sf	• name: 80sf • order: 5 • value: 4

Table 282-189 SRSPeriodicityEnum

Name	Value
10 ms	• name: 10ms • value: 2
160ms	• name: 160ms • value: 6
2 ms	• name: 2ms • value: 0
20ms	• name: 20ms • value: 3
320ms	• name: 320ms • value: 7
40ms	• name: 40ms • value: 4
5 ms	• name: 5ms • value: 1
80ms	• name: 80ms • value: 5

Table 282-190 SrsSubframeConfigurationEnum

Name	Value
Configuration 0	• name: sc0 • value: 0
Configuration 1	• name: sc1 • value: 1
Configuration 4	• name: sc4 • value: 2

Table 282-191 SubframeAssignmentEnum

Name	Value
Assignment 1	• name: sa1 • value: 0
Assignment 2	• name: sa2 • value: 1
Sa3	• name: sa3 • value: 2

Table 282-192 SupportedBandUtraFddEnum

Name	Value
Band I	• name: bandI • order: 1 • value: 6
Band II	• name: bandII • order: 2 • value: 2
Band III	• name: bandIII • order: 3 • value: 3
Band IV	• name: bandIV • order: 4 • value: 8
Band IX	• name: bandIX • order: 9 • value: 10
Band V	• name: bandV • order: 5 • value: 13
Band VI	• name: bandVI • order: 6 • value: 0
Band VII	• name: bandVII • order: 7 • value: 4
Band VIII	• name: bandVIII • order: 8 • value: 9
Band X	• name: bandX • order: 10 • value: 15
Band XI	• name: bandXI • order: 11 • value: 5
Band XII	• name: bandXII • order: 12 • value: 7
Band XIII	• name: bandXIII • order: 13 • value: 11
Band XIV	• name: bandXIV • order: 14 • value: 1

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Name	Value
Band XV	• name: bandXV • order: 15 • value: 14
Band XVI	• name: bandXVI • order: 16 • value: 12

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Table 282-193 SupportedBandUtraTddEnum

Name	Value
A	• name: a • order: 1 • value: 6
B	• name: b • order: 2 • value: 4
C	• name: c • order: 3 • value: 5
D	• name: d • order: 4 • value: 2
E	• name: e • order: 5 • value: 3
F	• name: f • order: 6 • value: 0
G	• name: g • order: 7 • value: 1
H	• name: h • order: 8 • value: 12
I	• name: i • order: 9 • value: 13
J	• name: j • order: 10 • value: 10
K	• name: k • order: 11 • value: 11

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Name	Value
L	• name: l • order: 12 • value: 8
M	• name: m • order: 13 • value: 9
N	• name: n • order: 14 • value: 7

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Table 282-194 SystemBandwidthEnum

Name	Value
100 Blocks (20 MHz)	• name: n100_20MHz • neLicenseName: isDlBandwidth20MhzAllowed • order: 6 • value: 2
15 Blocks (3 MHz)	• name: n15_3MHz • order: 2 • value: 0
25 Blocks (5 MHz)	• name: n25_5MHz • order: 3 • value: 1
50 Blocks (10 MHz)	• name: n50_10MHz • neLicenseName: isDlBandwidth10MhzAllowed • order: 4 • value: 3
6 Blocks (1.4 MHz)	• name: n6_1_4MHz • order: 1 • value: 4
75 Blocks (15 MHz)	• name: n75_15MHz • order: 5 • value: 5

Table 282-195 SystemBandwidthEnumDl

Name	Value
100 Blocks (20 MHz)	• name: n100_20MHz • neLicenseName: isDlBandwidth20MhzAllowed • order: 6 • value: 2
15 Blocks (3 MHz)	• name: n15_3MHz • neLicenseName: isDlBandwidth3MhzAllowed • order: 2 • value: 0
25 Blocks (5 MHz)	• name: n25_5MHz • neLicenseName: isDlBandwidth5MhzAllowed • order: 3 • value: 1
50 Blocks (10 MHz)	• name: n50_10MHz • neLicenseName: isDlBandwidth10MhzAllowed • order: 4 • value: 3
6 Blocks (1.4 MHz)	• name: n6_1_4MHz • neLicenseName: isDlBandwidth1MhzAllowed • order: 1 • value: 4
75 Blocks (15 MHz)	• name: n75_15MHz • neLicenseName: isDlBandwidth15MhzAllowed • order: 5 • value: 5

Table 282-196 SystemBandwidthEnumUl

Name	Value
100 Blocks (20 MHz)	• name: n100_20MHz • neLicenseName: isUlBandwidth20MhzAllowed • order: 6 • value: 2
15 Blocks (3 MHz)	• name: n15_3MHz • neLicenseName: isUlBandwidth3MhzAllowed • order: 2 • value: 0
25 Blocks (5 MHz)	• name: n25_5MHz • neLicenseName: isUlBandwidth5MhzAllowed • order: 3 • value: 1
50 Blocks (10 MHz)	• name: n50_10MHz • neLicenseName: isUlBandwidth10MhzAllowed • order: 4 • value: 3

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Name	Value
6 Blocks (1.4 MHz)	• name: n6_1_4MHz • neLicenseName: isUlBandwidth1MhzAllowed • order: 1 • value: 4
75 Blocks (15 MHz)	• name: n75_15MHz • neLicenseName: isUlBandwidth15MhzAllowed • order: 5 • value: 5

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Table 282-197 T300Enum

Name	Value
100 ms	• name: ms100 • order: 1 • value: 6
1000 ms	• name: ms1000 • order: 7 • value: 3
1500 ms	• name: ms1500 • order: 8 • value: 5
200 ms	• name: ms200 • order: 2 • value: 7
2000 ms	• name: ms2000 • order: 9 • value: 0
300 ms	• name: ms300 • order: 3 • value: 4
400 ms	• name: ms400 • order: 4 • value: 2
600 ms	• name: ms600 • order: 5 • value: 1

Table 282-198 T301Enum

Name	Value
100 ms	• name: ms100 • order: 1 • value: 6
1000 ms	• name: ms1000 • order: 6 • value: 3
1500 ms	• name: ms1500 • order: 7 • value: 5
200 ms	• name: ms200 • order: 2 • value: 7
2000 ms	• name: ms2000 • order: 8 • value: 0
300 ms	• name: ms300 • order: 3 • value: 4
400 ms	• name: ms400 • order: 4 • value: 2
600 ms	• name: ms600 • order: 5 • value: 1

Table 282-199 T304CellChangeOrderEnum

Name	Value
Timer 100 ms	• name: Timer100MS • order: 1 • value: 0
Timer 1000 ms	• name: Timer1000MS • order: 4 • value: 3
Timer 200 ms	• name: Timer200MS • order: 2 • value: 1
Timer 2000 ms	• name: Timer2000MS • order: 5 • value: 4
Timer 4000 ms	• name: Timer4000MS • order: 6 • value: 5

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Name	Value
Timer 500 ms	• name: Timer500MS • order: 3 • value: 2
Timer 8000 ms	• name: Timer8000MS • order: 7 • value: 6

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Table 282-200 T304Enum

Name	Value
Timer 100 ms	• name: Timer100MS • order: 2 • value: 5
Timer 1000 ms	• name: Timer1000MS • order: 6 • value: 4
Timer 150 ms	• name: Timer150MS • order: 3 • value: 8
Timer 200 ms	• name: Timer200MS • order: 4 • value: 6
Timer 2000 ms	• name: Timer2000MS • order: 7 • value: 0
Timer 4000 ms	• name: Timer4000MS • order: 8 • value: 1
Timer 50 ms	• name: Timer50MS • order: 1 • value: 7
Timer 500 ms	• name: Timer500MS • order: 5 • value: 2
Timer 8000 ms	• name: Timer8000MS • order: 9 • value: 3

Table 282-201 T310Enum

Name	Value
0 ms	• name: ms0 • order: 0 • value: 6
100 ms	• name: ms100 • order: 2 • value: 2
1000 ms	• name: ms1000 • order: 5 • value: 1
200 ms	• name: ms200 • order: 3 • value: 3
2000 ms	• name: ms2000 • order: 6 • value: 0
50 ms	• name: ms50 • order: 1 • value: 4
500 ms	• name: ms500 • order: 4 • value: 5

Table 282-202 T311Enum

Name	Value
1000 ms	• name: ms1000 • order: 1 • value: 2
10000 ms	• name: ms10000 • order: 4 • value: 5
15000 ms	• name: ms15000 • order: 5 • value: 3
20000 ms	• name: ms20000 • order: 6 • value: 0
3000 ms	• name: ms3000 • order: 2 • value: 4

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Name	Value
30000 ms	• name: ms30000 • order: 7 • value: 6
5000 ms	• name: ms5000 • order: 3 • value: 1

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Table 282-203 TddAckNackFeedbackModeEnum

Name	Value
Bundling	• name: bundling • value: 0
Multiplexing	• name: multiplexing • value: 1

Table 282-204 TEvaluationEnum

Name	Value
120 s	• name: s120 • order: 3 • value: 3
180 s	• name: s180 • order: 4 • value: 0
240 s	• name: s240 • order: 5 • value: 1
30 s	• name: s30 • order: 1 • value: 2
60 s	• name: s60 • order: 2 • value: 4

Table 282-205 Threshold2UtraEcN0Enum

Name	Value
[-0.5,zero]	• name: minus0dot5_to_zero • value: 32
[-1,-0.5]	• name: minus1_to_minus0dot5 • value: 33
[-1.5,-1]	• name: minus1dot5_to_minus1 • value: 14
[-10,-9.5]	• name: minus10_to_minus9dot5 • value: 30
[-10.5,-10]	• name: minus10dot5_to_minus10 • value: 22
[-11,-10.5]	• name: minus11_to_minus10dot5 • value: 16
[-11.5,-11]	• name: minus11dot5_to_minus11 • value: 29
[-12,-11.5]	• name: minus12_to_minus11dot5 • value: 9
[-12.5,-12]	• name: minus12dot5_to_minus12 • value: 35
[-13,-12.5]	• name: minus13_to_minus12dot5 • value: 19
[-13.5,-13]	• name: minus13dot5_to_minus13 • value: 34
[-14,-13.5]	• name: minus14_to_minus13dot5 • value: 23
[-14.5,-14]	• name: minus14dot5_to_minus14 • value: 4
[-15,-14.5]	• name: minus15_to_minus14dot5 • value: 3
[-15.5,-15]	• name: minus15dot5_to_minus15 • value: 38
[-16,-15.5]	• name: minus16_to_minus15dot5 • value: 43
[-16.5,-16]	• name: minus16dot5_to_minus16 • value: 40
[-17,-16.5]	• name: minus17_to_minus16dot5 • value: 20
[-17.5,-17]	• name: minus17dot5_to_minus17 • value: 11
[-18,-17.5]	• name: minus18_to_minus17dot5 • value: 27
[-18.5,-18]	• name: minus18dot5_to_minus18 • value: 25

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Name	Value
[-19,-18.5]	• name: minus19_to_minus18dot5 • value: 36
[-19.5,-19]	• name: minus19dot5_to_minus19 • value: 49
[-2,-1.5]	• name: minus2_to_minus1dot5 • value: 6
[-2.5,-2]	• name: minus2dot5_to_minus2 • value: 46
[-20,-19.5]	• name: minus20_to_minus19dot5 • value: 1
[-20.5,-20]	• name: minus20dot5_to_minus20 • value: 47
[-21,-20.5]	• name: minus21_to_minus20dot5 • value: 5
[-21.5,-21]	• name: minus21dot5_to_minus21 • value: 15
[-22,-21.5]	• name: minus22_to_minus21dot5 • value: 0
[-22.5,-22]	• name: minus22dot5_to_minus22 • value: 42
[-23,-22.5]	• name: minus23_to_minus22dot5 • value: 7
[-23.5,-23]	• name: minus23dot5_to_minus23 • value: 48
[-24,-23.5]	• name: minus24_to_minus23dot5 • value: 31
[-3,-2.5]	• name: minus3_to_minus2dot5 • value: 28
[-3.5,-3]	• name: minus3dot5_to_minus3 • value: 13
[-4,-3.5]	• name: minus4_to_minus3dot5 • value: 21
[-4.5,-4]	• name: minus4dot5_to_minus4 • value: 18
[-5,-4.5]	• name: minus5_to_minus4dot5 • value: 44
[-5.5,-5]	• name: minus5dot5_to_minus5 • value: 26
[-6,-5.5]	• name: minus6_to_minus5dot5 • value: 45
[-6.5,-6]	• name: minus6dot5_to_minus6 • value: 41
[-7,-6.5]	• name: minus7_to_minus6dot5 • value: 8

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Name	Value
[-7.5,-7]	• name: minus7dot5_to_minus7 • value: 12
[-8,-7.5]	• name: minus8_to_minus7dot5 • value: 24
[-8.5,-8]	• name: minus8dot5_to_minus8 • value: 37
[-9,-8.5]	• name: minus9_to_minus8dot5 • value: 39
[-9.5,-9]	• name: minus9dot5_to_minus9 • value: 17
Less Than -24	• name: less_than_minus24 • value: 2
More Than 0	• name: more_than_zero • value: 10

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Table 282-206 Threshold2UtraRscpEnum

Name	Value
[-100,-99]	• name: minus100_to_minus99 • value: 18
[-101,-100]	• name: minus101_to_minus100 • value: 29
[-102,-101]	• name: minus102_to_minus101 • value: 24
[-103,-102]	• name: minus103_to_minus102 • value: 47
[-104,-103]	• name: minus104_to_minus103 • value: 66
[-105,-104]	• name: minus105_to_minus104 • value: 76
[-106,-105]	• name: minus106_to_minus105 • value: 9
[-107,-106]	• name: minus107_to_minus106 • value: 83
[-108,-107]	• name: minus108_to_minus107 • value: 20
[-109,-108]	• name: minus109_to_minus108 • value: 22
[-110,-109]	• name: minus110_to_minus109 • value: 39
[-111,-110]	• name: minus111_to_minus110 • value: 55

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Name	Value
[-112,-111]	• name: minus112_to_minus111 • value: 67
[-113,-112]	• name: minus113_to_minus112 • value: 45
[-114,-113]	• name: minus114_to_minus113 • value: 70
[-115,-114]	• name: minus115_to_minus114 • value: 51
[-116,-115]	• name: minus116_to_minus115 • value: 13
[-117,-116]	• name: minus117_to_minus116 • value: 16
[-118,-117]	• name: minus118_to_minus117 • value: 77
[-119,-118]	• name: minus119_to_minus118 • value: 8
[-120,-119]	• name: minus120_to_minus119 • value: 15
[-26,-25]	• name: minus26_to_minus25 • value: 75
[-27,-26]	• name: minus27_to_minus26 • value: 80
[-28,-27]	• name: minus28_to_minus27 • value: 14
[-29,-28]	• name: minus29_to_minus28 • value: 49
[-30,-29]	• name: minus30_to_minus29 • value: 41
[-31,-30]	• name: minus31_to_minus30 • value: 21
[-32,-31]	• name: minus32_to_minus31 • value: 82
[-33,-32]	• name: minus33_to_minus32 • value: 48
[-34,-33]	• name: minus34_to_minus33 • value: 35
[-35,-34]	• name: minus35_to_minus34 • value: 26
[-36,-35]	• name: minus36_to_minus35 • value: 4
[-37,-36]	• name: minus37_to_minus36 • value: 71
[-38,-37]	• name: minus38_to_minus37 • value: 57

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Name	Value
[-39,-38]	• name: minus39_to_minus38 • value: 72
[-40,-39]	• name: minus40_to_minus39 • value: 79
[-41,-40]	• name: minus41_to_minus40 • value: 11
[-42,-41]	• name: minus42_to_minus41 • value: 95
[-43,-42]	• name: minus43_to_minus42 • value: 59
[-44,-43]	• name: minus44_to_minus43 • value: 81
[-45,-44]	• name: minus45_to_minus44 • value: 30
[-46,-45]	• name: minus46_to_minus45 • value: 61
[-47,-46]	• name: minus47_to_minus46 • value: 2
[-48,-47]	• name: minus48_to_minus47 • value: 85
[-49,-48]	• name: minus49_to_minus48 • value: 6
[-50,-49]	• name: minus50_to_minus49 • value: 88
[-51,-50]	• name: minus51_to_minus50 • value: 3
[-52,-51]	• name: minus52_to_minus51 • value: 40
[-53,-52]	• name: minus53_to_minus52 • value: 69
[-54,-53]	• name: minus54_to_minus53 • value: 63
[-55,-54]	• name: minus55_to_minus54 • value: 32
[-56,-55]	• name: minus56_to_minus55 • value: 1
[-57,-56]	• name: minus57_to_minus56 • value: 7
[-58,-57]	• name: minus58_to_minus57 • value: 91
[-59,-58]	• name: minus59_to_minus58 • value: 73
[-60,-59]	• name: minus60_to_minus59 • value: 78

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Name	Value
[-61,-60]	• name: minus61_to_minus60 • value: 44
[-62,-61]	• name: minus62_to_minus61 • value: 94
[-63,-62]	• name: minus63_to_minus62 • value: 50
[-64,-63]	• name: minus64_to_minus63 • value: 62
[-65,-64]	• name: minus65_to_minus64 • value: 5
[-66,-65]	• name: minus66_to_minus65 • value: 52
[-67,-66]	• name: minus67_to_minus66 • value: 38
[-68,-67]	• name: minus68_to_minus67 • value: 84
[-69,-68]	• name: minus69_to_minus68 • value: 42
[-70,-69]	• name: minus70_to_minus69 • value: 0
[-71,-70]	• name: minus71_to_minus70 • value: 54
[-72,-71]	• name: minus72_to_minus71 • value: 34
[-73,-72]	• name: minus73_to_minus72 • value: 60
[-74,-73]	• name: minus74_to_minus73 • value: 43
[-75,-74]	• name: minus75_to_minus74 • value: 25
[-76,-75]	• name: minus76_to_minus75 • value: 68
[-77,-76]	• name: minus77_to_minus76 • value: 86
[-78,-77]	• name: minus78_to_minus77 • value: 33
[-79,-78]	• name: minus79_to_minus78 • value: 23
[-80,-79]	• name: minus80_to_minus79 • value: 93
[-81,-80]	• name: minus81_to_minus80 • value: 12
[-82,-81]	• name: minus82_to_minus81 • value: 96

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Name	Value
[-83,-82]	• name: minus83_to_minus82 • value: 27
[-84,-83]	• name: minus84_to_minus83 • value: 89
[-85,-84]	• name: minus85_to_minus84 • value: 36
[-86,-85]	• name: minus86_to_minus85 • value: 46
[-87,-86]	• name: minus87_to_minus86 • value: 10
[-88,-87]	• name: minus88_to_minus87 • value: 64
[-89,-88]	• name: minus89_to_minus88 • value: 90
[-90,-89]	• name: minus90_to_minus89 • value: 37
[-91,-90]	• name: minus91_to_minus90 • value: 58
[-92,-91]	• name: minus92_to_minus91 • value: 28
[-93,-92]	• name: minus93_to_minus92 • value: 56
[-94,-93]	• name: minus94_to_minus93 • value: 53
[-95,-94]	• name: minus95_to_minus94 • value: 17
[-96,-95]	• name: minus96_to_minus95 • value: 19
[-97,-96]	• name: minus97_to_minus96 • value: 87
[-98,-97]	• name: minus98_to_minus97 • value: 92
[-99,-98]	• name: minus99_to_minus98 • value: 74
Less Than -120	• name: less_than_minus120 • value: 65
More Than -25	• name: more_than_minus25 • value: 31

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Table 282-207 THystNormalEnum

Name	Value
120 s	• name: s120 • order: 3 • value: 3
180 s	• name: s180 • order: 4 • value: 0
240 s	• name: s240 • order: 5 • value: 1
30 s	• name: s30 • order: 1 • value: 2
60 s	• name: s60 • order: 2 • value: 4

Table 282-208 TimeAlignmentTimerEnum

Name	Value
Infinity	• name: infinity • order: 8 • value: 6
Sf 10240	• name: sf10240 • order: 7 • value: 7
Sf 1280	• name: sf1280 • order: 3 • value: 1
Sf 1920	• name: sf1920 • order: 4 • value: 3
Sf 2560	• name: sf2560 • order: 5 • value: 4
Sf 500	• name: sf500 • order: 1 • value: 5
Sf 5120	• name: sf5120 • order: 6 • value: 2
Sf 750	• name: sf750 • order: 2 • value: 0

Table 282-209 TimerStatusProhibitEnum

Name	Value
0 ms	• name: ms0 • order: 1 • value: 47
10 ms	• name: ms10 • order: 3 • value: 43
100 ms	• name: ms100 • order: 21 • value: 16
105 ms	• name: ms105 • order: 22 • value: 22
110 ms	• name: ms110 • order: 23 • value: 3
115 ms	• name: ms115 • order: 24 • value: 4
120 ms	• name: ms120 • order: 25 • value: 49
125 ms	• name: ms125 • order: 26 • value: 45
130 ms	• name: ms130 • order: 27 • value: 37
135 ms	• name: ms135 • order: 28 • value: 33
140 ms	• name: ms140 • order: 29 • value: 31
145 ms	• name: ms145 • order: 30 • value: 24
15 ms	• name: ms15 • order: 4 • value: 44
150 ms	• name: ms150 • order: 31 • value: 12
155 ms	• name: ms155 • order: 32 • value: 6

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Name	Value
160 ms	• name: ms160 • order: 33 • value: 55
165 ms	• name: ms165 • order: 34 • value: 54
170 ms	• name: ms170 • order: 35 • value: 42
175 ms	• name: ms175 • order: 36 • value: 40
180 ms	• name: ms180 • order: 37 • value: 23
185 ms	• name: ms185 • order: 38 • value: 28
190 ms	• name: ms190 • order: 39 • value: 7
195 ms	• name: ms195 • order: 40 • value: 8
20 ms	• name: ms20 • order: 5 • value: 32
200 ms	• name: ms200 • order: 41 • value: 29
205 ms	• name: ms205 • order: 42 • value: 14
210 ms	• name: ms210 • order: 43 • value: 13
215 ms	• name: ms215 • order: 44 • value: 0
220 ms	• name: ms220 • order: 45 • value: 51
225 ms	• name: ms225 • order: 46 • value: 53

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Name	Value
230 ms	• name: ms230 • order: 47 • value: 38
235 ms	• name: ms235 • order: 48 • value: 41
240 ms	• name: ms240 • order: 49 • value: 27
245 ms	• name: ms245 • order: 50 • value: 21
25 ms	• name: ms25 • order: 6 • value: 34
250 ms	• name: ms250 • order: 51 • value: 11
30 ms	• name: ms30 • order: 7 • value: 19
300 ms	• name: ms300 • order: 52 • value: 26
35 ms	• name: ms35 • order: 8 • value: 15
350 ms	• name: ms350 • order: 53 • value: 10
40 ms	• name: ms40 • order: 9 • value: 5
400 ms	• name: ms400 • order: 54 • value: 25
45 ms	• name: ms45 • order: 10 • value: 2
450 ms	• name: ms450 • order: 55 • value: 18
5 ms	• name: ms5 • order: 2 • value: 50

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Name	Value
50 ms	• name: ms50 • order: 11 • value: 46
500 ms	• name: ms500 • order: 56 • value: 30
55 ms	• name: ms55 • order: 12 • value: 48
60 ms	• name: ms60 • order: 13 • value: 35
65 ms	• name: ms65 • order: 14 • value: 36
70 ms	• name: ms70 • order: 15 • value: 39
75 ms	• name: ms75 • order: 16 • value: 20
80 ms	• name: ms80 • order: 17 • value: 17
85 ms	• name: ms85 • order: 18 • value: 9
90 ms	• name: ms90 • order: 19 • value: 1
95 ms	• name: ms95 • order: 20 • value: 52

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Table 282-210 TimerTpollRetransmitEnum

Name	Value
0 ms	• name: ms0 • order: 1 • value: 47
10 ms	• name: ms10 • order: 3 • value: 43

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Name	Value
100 ms	• name: ms100 • order: 21 • value: 16
105 ms	• name: ms105 • order: 22 • value: 22
110 ms	• name: ms110 • order: 23 • value: 3
115 ms	• name: ms115 • order: 24 • value: 4
120 ms	• name: ms120 • order: 25 • value: 49
125 ms	• name: ms125 • order: 26 • value: 45
130 ms	• name: ms130 • order: 27 • value: 37
135 ms	• name: ms135 • order: 28 • value: 33
140 ms	• name: ms140 • order: 29 • value: 31
145 ms	• name: ms145 • order: 30 • value: 24
15 ms	• name: ms15 • order: 4 • value: 44
150 ms	• name: ms150 • order: 31 • value: 12
155 ms	• name: ms155 • order: 32 • value: 6
160 ms	• name: ms160 • order: 33 • value: 55
165 ms	• name: ms165 • order: 34 • value: 54

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Name	Value
170 ms	• name: ms170 • order: 35 • value: 42
175 ms	• name: ms175 • order: 36 • value: 40
180 ms	• name: ms180 • order: 37 • value: 23
185 ms	• name: ms185 • order: 38 • value: 28
190 ms	• name: ms190 • order: 39 • value: 7
195 ms	• name: ms195 • order: 40 • value: 8
20 ms	• name: ms20 • order: 5 • value: 32
200 ms	• name: ms200 • order: 41 • value: 29
205 ms	• name: ms205 • order: 42 • value: 14
210 ms	• name: ms210 • order: 43 • value: 13
215 ms	• name: ms215 • order: 44 • value: 0
220 ms	• name: ms220 • order: 45 • value: 51
225 ms	• name: ms225 • order: 46 • value: 53
230 ms	• name: ms230 • order: 47 • value: 38
235 ms	• name: ms235 • order: 48 • value: 41

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Name	Value
240 ms	• name: ms240 • order: 49 • value: 27
245 ms	• name: ms245 • order: 50 • value: 21
25 ms	• name: ms25 • order: 6 • value: 34
250 ms	• name: ms250 • order: 51 • value: 11
30 ms	• name: ms30 • order: 7 • value: 19
300 ms	• name: ms300 • order: 52 • value: 26
35 ms	• name: ms35 • order: 8 • value: 15
350 ms	• name: ms350 • order: 53 • value: 10
40 ms	• name: ms40 • order: 9 • value: 5
400 ms	• name: ms400 • order: 54 • value: 25
45 ms	• name: ms45 • order: 10 • value: 2
450 ms	• name: ms450 • order: 55 • value: 18
5 ms	• name: ms5 • order: 2 • value: 50
50 ms	• name: ms50 • order: 11 • value: 46
500 ms	• name: ms500 • order: 56 • value: 30

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Name	Value
55 ms	• name: ms55 • order: 12 • value: 48
60 ms	• name: ms60 • order: 13 • value: 35
65 ms	• name: ms65 • order: 14 • value: 36
70 ms	• name: ms70 • order: 15 • value: 39
75 ms	• name: ms75 • order: 16 • value: 20
80 ms	• name: ms80 • order: 17 • value: 17
85 ms	• name: ms85 • order: 18 • value: 9
90 ms	• name: ms90 • order: 19 • value: 1
95 ms	• name: ms95 • order: 20 • value: 52

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Table 282-211 TimerTreorderingEnum

Name	Value
0 ms	• name: ms0 • order: 1 • value: 19
10 ms	• name: ms10 • order: 3 • value: 15
100 ms	• name: ms100 • order: 21 • value: 17
110 ms	• name: ms110 • order: 22 • value: 5

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Name	Value
120 ms	• name: ms120 • order: 23 • value: 24
130 ms	• name: ms130 • order: 24 • value: 7
140 ms	• name: ms140 • order: 25 • value: 30
15 ms	• name: ms15 • order: 4 • value: 16
150 ms	• name: ms150 • order: 26 • value: 13
160 ms	• name: ms160 • order: 27 • value: 28
170 ms	• name: ms170 • order: 28 • value: 12
180 ms	• name: ms180 • order: 29 • value: 26
190 ms	• name: ms190 • order: 30 • value: 9
20 ms	• name: ms20 • order: 5 • value: 0
200 ms	• name: ms200 • order: 31 • value: 29
25 ms	• name: ms25 • order: 6 • value: 2
30 ms	• name: ms30 • order: 7 • value: 21
35 ms	• name: ms35 • order: 8 • value: 14
40 ms	• name: ms40 • order: 9 • value: 8

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Name	Value
45 ms	• name: ms45 • order: 10 • value: 3
5 ms	• name: ms5 • order: 2 • value: 23
50 ms	• name: ms50 • order: 11 • value: 18
55 ms	• name: ms55 • order: 12 • value: 22
60 ms	• name: ms60 • order: 13 • value: 1
65 ms	• name: ms65 • order: 14 • value: 6
70 ms	• name: ms70 • order: 15 • value: 11
75 ms	• name: ms75 • order: 16 • value: 25
80 ms	• name: ms80 • order: 17 • value: 20
85 ms	• name: ms85 • order: 18 • value: 10
90 ms	• name: ms90 • order: 19 • value: 4
95 ms	• name: ms95 • order: 20 • value: 27

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Table 282-212 TimeToTriggerMeasEUTRAEnum

Name	Value
0 ms	• name: ms0 • value: 19
0	• name: 0 • value: 10

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Name	Value
100 ms	• name: ms100 • value: 23
100	• name: 100 • value: 17
1024 ms	• name: ms1024 • value: 31
1024	• name: 1024 • value: 6
10	• name: 10 • value: 9
128 ms	• name: ms128 • value: 24
1280 ms	• name: ms1280 • value: 32
1280	• name: 1280 • value: 0
128	• name: 128 • value: 2
160 ms	• name: ms160 • value: 25
160	• name: 160 • value: 13
200	• name: 200 • value: 3
20	• name: 20 • value: 7
256 ms	• name: ms256 • value: 26
2560 ms	• name: ms2560 • value: 33
2560	• name: 2560 • value: 1
256	• name: 256 • value: 18
320 ms	• name: ms320 • value: 27
320	• name: 320 • value: 4
40 ms	• name: ms40 • value: 20
40	• name: 40 • value: 12
480 ms	• name: ms480 • value: 28

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Name	Value
480	• name: 480 • value: 11
512 ms	• name: ms512 • value: 29
5120 ms	• name: ms5120 • value: 34
5120	• name: 5120 • value: 16
512	• name: 512 • value: 8
64 ms	• name: ms64 • value: 21
640 ms	• name: ms640 • value: 30
640	• name: 640 • value: 5
64	• name: 64 • value: 14
80 ms	• name: ms80 • value: 22
80	• name: 80 • value: 15

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Table 282-213 TimeToTriggerMeasGERANEnum

Name	Value
0 ms	• name: ms0 • value: 16
0 s	• name: 0 • value: 7
100 ms	• name: ms100 • value: 20
100 s	• name: 100 • value: 14
1024 ms	• name: ms1024 • value: 28
1024 s	• name: 1024 • value: 5
128 ms	• name: ms128 • value: 21
128 s	• name: 128 • value: 2

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Name	Value
1280 ms	• name: ms1280 • value: 29
1280 s	• name: 1280 • value: 0
160 ms	• name: ms160 • value: 22
160 s	• name: 160 • value: 10
256 ms	• name: ms256 • value: 23
256 s	• name: 256 • value: 15
2560 ms	• name: ms2560 • value: 30
2560 s	• name: 2560 • value: 1
320 ms	• name: ms320 • value: 24
320 s	• name: 320 • value: 3
40 ms	• name: ms40 • value: 17
40 s	• name: 40 • value: 9
480 ms	• name: ms480 • value: 25
480 s	• name: 480 • value: 8
512 ms	• name: ms512 • value: 26
512 s	• name: 512 • value: 6
5120 ms	• name: ms5120 • value: 31
5120 s	• name: 5120 • value: 13
64 ms	• name: ms64 • value: 18
64 s	• name: 64 • value: 11
640 ms	• name: ms640 • value: 27
640 s	• name: 640 • value: 4

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Name	Value
80 ms	• name: ms80 • value: 19
80 s	• name: 80 • value: 12

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Table 282-214 TimeToTriggerMeasIRATEnum

Name	Value
Ms0	• name: ms0 • value: 0
Ms100	• name: ms100 • value: 4
Ms1024	• name: ms1024 • value: 12
Ms1280	• name: ms1280 • value: 13
Ms128	• name: ms128 • value: 5
Ms160	• name: ms160 • value: 6
Ms2560	• name: ms2560 • value: 14
Ms256	• name: ms256 • value: 7
Ms320	• name: ms320 • value: 8
Ms40	• name: ms40 • value: 1
Ms480	• name: ms480 • value: 9
Ms5120	• name: ms5120 • value: 15
Ms512	• name: ms512 • value: 10
Ms640	• name: ms640 • value: 11
Ms64	• name: ms64 • value: 2
Ms80	• name: ms80 • value: 3

Table 282-215 TimeToTriggerMeasUtraEnum

Name	Value
0ms	• name: ms0 • order: 1 • value: 6
100ms	• name: ms100 • order: 5 • value: 3
1024ms	• name: ms1024 • order: 13 • value: 0
1280ms	• name: ms1280 • order: 14 • value: 5
128ms	• name: ms128 • order: 6 • value: 14
160ms	• name: ms160 • order: 7 • value: 15
2560ms	• name: ms2560 • order: 15 • value: 12
256ms	• name: ms256 • order: 8 • value: 11
320ms	• name: ms320 • order: 9 • value: 13
40ms	• name: ms40 • order: 2 • value: 10
480ms	• name: ms480 • order: 10 • value: 4
5120ms	• name: ms5120 • order: 16 • value: 8
512ms	• name: ms512 • order: 11 • value: 2
640ms	• name: ms640 • order: 12 • value: 1

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Name	Value
64ms	• name: ms64 • order: 3 • value: 9
80ms	• name: ms80 • order: 4 • value: 7

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Table 282-216 TimeToWaitEnum

Name	Value
V 1 s	• name: v1s • value: 1
V 10 s	• name: v10s • value: 2
V 2 s	• name: v2s • value: 5
V 20 s	• name: v20s • value: 4
V 5 s	• name: v5s • value: 3
V 60 s	• name: v60s • value: 0

Table 282-217 TimeZoneEnum

Name	Value
GMT 0100-Amsterdam-Berlin-Bern-Rome-Stockholm-Vienna	• name: GMT0100_Amsterdam_Berlin_Bern_Rome_Stockholm_Vienna • value: 36
GMT 0100-Belgrade-Bratislava-Budapest-Ljubljana-Prague	• name: GMT0100_Belgrade_Bratislava_Budapest_Ljubljana_Prague • value: 37
GMT 0100-Brussels-Copenhagen-Madrid-Paris	• name: GMT0100_Brussels_Copenhagen_Madrid_Paris • value: 38
GMT 0100-Sarajevo-Skopje-Warsaw-Zagreb	• name: GMT0100_Sarajevo_Skopje_Warsaw_Zagreb • value: 39
GMT 0100-West-Central-Africa	• name: GMT0100_West_Central_Africa • value: 40
GMT 0200-Amman	• name: GMT0200_Amman • value: 41

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Name	Value
GMT 0200-Athens-Bucharest-Istanbul	• name: GMT0200_Athens_Bucharest_Istanbul • value: 42
GMT 0200-Beirut	• name: GMT0200_Beirut • value: 43
GMT 0200-Cairo	• name: GMT0200_Cairo • value: 44
GMT 0200-Harare-Pretoria	• name: GMT0200_Harare_Pretoria • value: 45
GMT 0200-Helsinki-Kyiv-Riga-Sofia-Tallinn-Vilnius	• name: GMT0200_Helsinki_Kyiv_Riga_Sofia_Tallinn_Vilnius • value: 46
GMT 0200-Jerusalem	• name: GMT0200_Jerusalem • value: 47
GMT 0200-Minsk	• name: GMT0200_Minsk • value: 48
GMT 0200-Windhoek	• name: GMT0200_Windhoek • value: 49
GMT 0300-Baghdad	• name: GMT0300_Baghdad • value: 50
GMT 0300-Kuwait-Riyadh	• name: GMT0300_Kuwait_Riyadh • value: 51
GMT 0300-Moscow-St-Petersburg-Volgograd	• name: GMT0300_Moscow_St__Petersburg_Volgograd • value: 52
GMT 0300-Nairobi	• name: GMT0300_Nairobi • value: 53
GMT 0300-Tbilisi	• name: GMT0300_Tbilisi • value: 54
GMT 0330-Tehran	• name: GMT0330_Tehran • value: 55
GMT 0400-Abu-Dhabi-Muscat	• name: GMT0400_Abu_Dhabi_Muscat • value: 56
GMT 0400-Baku	• name: GMT0400_Baku • value: 57
GMT 0400-Caucasus-Standard-Time	• name: GMT0400_Caucasus_Standard_Time • value: 58
GMT 0400-Port-Louis	• name: GMT0400_Port_Louis • value: 59
GMT 0400-Yerevan	• name: GMT0400_Yerevan • value: 60
GMT 0430-Kabul	• name: GMT0430_Kabul • value: 61
GMT 0500-Ekaterinburg	• name: GMT0500_Ekaterinburg • value: 62

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Name	Value
GMT 0500-Islamabad-Karachi	• name: GMT0500_Islamabad_Karachi • value: 63
GMT 0500-Tashkent	• name: GMT0500_Tashkent • value: 64
GMT 0530-Chennai-Kolkata-Mumbai-New-Delhi	• name: GMT0530_Chennai_Kolkata_Mumbai_New_Delhi • value: 65
GMT 0530-Sri-Jayawardenepura	• name: GMT0530_Sri_Jayawardenepura • value: 66
GMT 0545-Kathmandu	• name: GMT0545_Kathmandu • value: 67
GMT 0600-Almaty-Novosibirsk	• name: GMT0600_Almaty_Novosibirsk • value: 68
GMT 0600-Astana-Dhaka	• name: GMT0600_Astana_Dhaka • value: 69
GMT 0630-Yangon-Rangoon	• name: GMT0630_Yangon_Rangoon • value: 70
GMT 0700-Bangkok-Hanoi-Jakarta	• name: GMT0700_Bangkok_Hanoi_Jakarta • value: 71
GMT 0700-Krasnoyarsk	• name: GMT0700_Krasnoyarsk • value: 72
GMT 0800-Beijing-Chongqing-Hong-Kong-Urumqi	• name: GMT0800_Beijing_Chongqing_Hong_Kong_Urumqi • value: 73
GMT 0800-Irkutsk-Ulaan-Bataar	• name: GMT0800_Irkutsk_Ulaan_Bataar • value: 74
GMT 0800-Kuala-Lumpur-Singapore	• name: GMT0800_Kuala_Lumpur_Singapore • value: 75
GMT 0800-Perth	• name: GMT0800_Perth • value: 76
GMT 0800-Taipei	• name: GMT0800_Taipei • value: 77
GMT 0900-Osaka-Sapporo-Tokyo	• name: GMT0900_Osaka_Sapporo_Tokyo • value: 78
GMT 0900-Seoul	• name: GMT0900_Seoul • value: 79
GMT 0900-Yakutsk	• name: GMT0900_Yakutsk • value: 80
GMT 0930-Adelaide	• name: GMT0930_Adelaide • value: 81
GMT 0930-Darwin	• name: GMT0930_Darwin • value: 82
GMT 1000-Brisbane	• name: GMT1000_Brisbane • value: 83

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Name	Value
GMT 1000-Canberra-Melbourne-Sydney	• name: GMT1000_Canberra_Melbourne_Sydney • value: 84
GMT 1000-Guam-Port-Moresby	• name: GMT1000_Guam_Port_Moresby • value: 85
GMT 1000-Hobart	• name: GMT1000_Hobart • value: 86
GMT 1000-Vladivostok	• name: GMT1000_Vladivostok • value: 87
GMT 1100-Magadan-Solomon-Is-New-Caledonia	• name: GMT1100_Magadan_Solomon_Is__New_Caledonia • value: 88
GMT 1200-Auckland-Wellington	• name: GMT1200_Auckland_Wellington • value: 89
GMT 1200-Fiji-Kamchatka-Marshall-Is	• name: GMT1200_Fiji_Kamchatka_Marshall_Is_ • value: 90
GMT 1300-Nuku-alofa	• name: GMT1300_Nuku_alofa • value: 91
GMT-0100-Azores	• name: GMT_0100_Azores • value: 31
GMT-0100-Cape-Verde-Is.	• name: GMT_0100_Cape_Verde_Is_ • value: 30
GMT-0200-Mid-Atlantic	• name: GMT_0200_Mid_Atlantic • value: 29
GMT-0300-Brasilia	• name: GMT_0300_Brasilia • value: 28
GMT-0300-Buenos-Aires	• name: GMT_0300_Buenos_Aires • value: 27
GMT-0300-Georgetown	• name: GMT_0300_Georgetown • value: 26
GMT-0300-Greenland	• name: GMT_0300_Greenland • value: 25
GMT-0300-Montevideo	• name: GMT_0300_Montevideo • value: 24
GMT-0330-Newfoundland	• name: GMT_0330_Newfoundland • value: 23
GMT-0400-Atlantic-Time-Canada	• name: GMT_0400_Atlantic_Time_Canada • value: 22
GMT-0400-La-Paz	• name: GMT_0400_La_Paz • value: 21
GMT-0400-Manaus	• name: GMT_0400_Manaus • value: 20
GMT-0400-Santiago	• name: GMT_0400_Santiago • value: 19

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Name	Value
GMT-0430-Caracas	• name: GMT_0430_Caracas • value: 18
GMT-0500-Bogota-Lima-Quito-Rio-Branco	• name: GMT_0500_Bogota_Lima_Quito_Rio_Branco • value: 17
GMT-0500-Eastern-Time-US-And-Canada	• name: GMT_0500_Eastern_Time_US_And_Canada • value: 16
GMT-0500-Indiana-East	• name: GMT_0500_Indiana_East • value: 15
GMT-0600-Central America	• name: GMT_0600_CentralAmerica • value: 14
GMT-0600-Central Time US-and-Canada	• name: GMT_0600_CentralTimeUS_and_Canada • value: 13
GMT-0600-Guadalajara Mexico City Monterrey-New	• name: GMT_0600_GuadalajaraMexicoCityMonterrey_New • value: 12
GMT-0600-Guadalajara Mexico City Monterrey-Old	• name: GMT_0600_GuadalajaraMexicoCityMonterrey_Old • value: 11
GMT-0600-Saskatchewan	• name: GMT_0600_Saskatchewan • value: 10
GMT-0700-Arizona	• name: GMT_0700_Arizona • value: 9
GMT-0700-Chihuahua La Paz Mazatlan-New	• name: GMT_0700_ChihuahuaLaPazMazatlan_New • value: 8
GMT-0700-Chihuahua La Paz Mazatlan-Old	• name: GMT_0700_ChihuahuaLaPazMazatlan_Old • value: 7
GMT-0700-Mountain Time US-and-Canada	• name: GMT_0700_MountainTimeUS_and_Canada • value: 6
GMT-0800-Pacific Time US-and-Canada	• name: GMT_0800_PacificTimeUS_and_Canada • value: 5
GMT-0800-Tijuana Baja California	• name: GMT_0800_TijuanaBajaCalifornia • value: 4
GMT-0900-Alaska	• name: GMT_0900_Alaska • value: 3
GMT-1000-Hawaii	• name: GMT_1000_Hawaii • value: 2
GMT-1100-Midway Island-Samoa	• name: GMT_1100_MidwayIsland_Samoa • value: 1
GMT-1200-International Date Line West	• name: GMT_1200_InternationalDateLineWest • value: 0
GMT-Casablanca	• name: GMT_Casablanca • value: 32
GMT-Coordinated-Universal-Time	• name: GMT_Coordinated_Universal_Time • value: 33

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Name	Value
GMT-Greenwich-Mean-Time-Dublin-Edinburgh-Lisbon-London	• name: GMT_Greenwich_Mean_Time_Dublin_Edinburgh_Lisbon_London • value: 34
GMT-Monrovia-Reykjavik	• name: GMT_Monrovia_Reykjavik • value: 35

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Table 282-218 TmaBypassModeEnum

Name	Value
False	• name: false • value: 2
True	• name: true • value: 1

Table 282-219 TmaSelfTestEnum

Name	Value
False	• name: false • value: 2
True	• name: true • value: 1
Unknown	• name: unknown • value: 255

Table 282-220 TopologyEnum

Name	Value
Chain Topology	• name: chainTopology • value: 1
Star Topology	• name: starTopology • value: 2
Unknown	• name: unknown • value: 0

Table 282-221 TPCRACHMsg3Enum

Name	Value
-2 dB	• name: _2dB • order: 3 • value: 0
-4 dB	• name: _4dB • order: 2 • value: 4
-6 dB	• name: _6dB • order: 1 • value: 6
0 dB	• name: 0dB • order: 4 • value: 3
2 dB	• name: 2dB • order: 5 • value: 5
4 dB	• name: 4dB • order: 6 • value: 2
6 dB	• name: 6dB • order: 7 • value: 1
8 dB	• name: 8dB • order: 9 • value: 7

Table 282-222 TraceDepthEnum

Name	Value
Maximum	• name: maximum • value: 0

Table 282-223 TransmissionGapRepetitionPeriodEnum

Name	Value
40 ms	• name: 40ms • value: 1
80 ms	• name: 80ms • value: 0

Table 282-224 TransmissionModeEnum

Name	Value
Mode 2	• name: tm2 • value: 0
Mode 3	• name: tm3 • value: 2
Mode 4	• name: tm4 • value: 1

Table 282-225 TransmissionModeFddEnum

Name	Value
Transmission Mode 1	• name: tm1 • value: 0
Transmission Mode 2	• name: tm2 • value: 1
Transmission Mode 3	• name: tm3 • value: 2
Transmission Mode 4	• name: tm4 • value: 3

Table 282-226 TransmissionModeTddEnum

Name	Value
Mode 1	• name: tm1 • value: 0
Mode 2	• name: tm2 • value: 1
Mode 3	• name: tm3 • value: 2
Mode 4	• name: tm4 • value: 3
Mode 7	• name: tm7 • value: 4

Table 282-227 TransportFiberDelayLengthCategory

Name	Value
10 Kilometres	• name: km10 • selectable: yes • value: 1
20 Kilometres	• name: km20 • selectable: yes • value: 2
No Fiber	• name: noFiber • selectable: yes • value: 255
Unassigned	• name: unassigned • selectable: no • value: 0

Table 282-228 TransportProtocol

Name	Value
	• name: none • selectable: no • value: 0
STCP	• name: stcp • selectable: no • value: 2
TCP	• name: tcp • selectable: yes • value: 1

Table 282-229 TransportProtocolType

Name	Value
UDP	• name: udp • selectable: yes • value: 2

Table 282-230 TriggerQuantityEUTRAEnum

Name	Value
RSRP	• name: rsrp • value: 0
RSRQ	• name: rsrq • value: 1

Table 282-231 TriggerTypeEUTRAEnum

Name	Value
Event A1	• name: eventA1 • value: 3
Event A2	• name: eventA2 • value: 5
Event A3	• name: eventA3 • value: 0
Event A4	• name: eventA4 • value: 1
Event A5 or A3	• name: eventA5orA3 • value: 7
Event A5	• name: eventA5 • value: 2
Periodical Report CGI	• name: periodicalReportCGI • value: 4
Periodical Strongest Cells	• name: periodicalStrongestCells • value: 6

Table 282-232 TriggerTypeInterRATEnum

Name	Value
Event B1	• name: eventB1 • value: 1
Event B2	• name: eventB2 • value: 0
Periodical Son	• name: periodicalSon • value: 2

Table 282-233 UlICICModeEnum

Name	Value
SFFR	• name: SFFR • value: 0
Static 1:1	• name: static1_1 • value: 2
Static 1:2	• name: static1_2 • value: 3
Static 1:3	• name: static1_3 • value: 1

Table 282-234 UlSchedulerModeEnum

Name	Value
Frequency Diverse Only	• name: FrequencyDiverseOnly • value: 3
Frequency Non Selective	• name: frequencyNonSelective • value: 1
Frequency Selective Allowed	• name: FrequencySelectiveAllowed • value: 2
Frequency Selective	• name: frequencySelective • value: 0

Table 282-235 UlSchedulingFlowProfileEnum

Name	Value
AF11	• name: AF11 • value: 8
AF12	• name: AF12 • value: 6
AF13	• name: AF13 • value: 2
AF21	• name: AF21 • value: 5
AF22	• name: AF22 • value: 4
AF23	• name: AF23 • value: 10
AF31	• name: AF31 • value: 3

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Name	Value
AF32	• name: AF32 • value: 14
AF33	• name: AF33 • value: 12
AF41	• name: AF41 • value: 9
AF42	• name: AF42 • value: 7
AF43	• name: AF43 • value: 11
BE	• name: BE • value: 13
EF	• name: EF • value: 15
Network Control	• name: NetworkControl • value: 1
Other	• name: Other • value: 0

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Table 282-236 UnmanagedNeType

Name	Value
Access Gateway	• name: agw • selectable: yes • value: 3
eNodeB	• name: enb • selectable: yes • value: 4
Home Subscriber Server	• name: hss • selectable: yes • value: 7
Mobility Management Entity	• name: mme • selectable: yes • value: 5
PDN Gateway	• name: pgw • selectable: yes • value: 2
Policy and Charging Rule function	• name: pcrf • selectable: yes • value: 6
Serving Gateway	• name: sgw • selectable: yes • value: 1

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Name	Value
Serving GPRS Support Node	• name: sgsn • selectable: yes • value: 8
Unknown	• name: unknown • selectable: no • value: 0

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Table 282-237 ValidULgrantSizeEnum

Name	Value
100	• name: 100 • value: 33
10	• name: 10 • value: 8
12	• name: 12 • value: 9
15	• name: 15 • value: 10
16	• name: 16 • value: 11
18	• name: 18 • value: 12
1	• name: 1 • value: 0
20	• name: 20 • value: 13
24	• name: 24 • value: 14
25	• name: 25 • value: 15
27	• name: 27 • value: 16
2	• name: 2 • value: 1
30	• name: 30 • value: 17
32	• name: 32 • value: 18
36	• name: 36 • value: 19
3	• name: 3 • value: 2

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Name	Value
40	• name: 40 • value: 20
45	• name: 45 • value: 21
48	• name: 48 • value: 22
4	• name: 4 • value: 3
50	• name: 50 • value: 23
54	• name: 54 • value: 24
5	• name: 5 • value: 4
60	• name: 60 • value: 25
64	• name: 64 • value: 26
6	• name: 6 • value: 5
72	• name: 72 • value: 27
75	• name: 75 • value: 28
80	• name: 80 • value: 29
81	• name: 81 • value: 30
8	• name: 8 • value: 6
90	• name: 90 • value: 31
96	• name: 96 • value: 32
9	• name: 9 • value: 7

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283 —LTELI types

Table 283-1 lteliytypes parameters

Parameters	
InterceptedContentType InterceptedTargetType	OperationalState

Table 283-2 InterceptedContentType

Name	Value
IRI	• name: iri • value: 1
IRICC	• name: iriCC • value: 2

Table 283-3 InterceptedTargetType

Name	Value
IMEI	• name: imei • value: 3
IMSI	• name: imsi • value: 1
MSISDN	• name: msisdn • value: 2

Table 283-4 OperationalState

Name	Value
In Service	• name: inService • selectable: no • value: 2
Out of Service	• name: outOfService • selectable: no • value: 3
Transition	• name: transition • selectable: no • value: 4
Unknown	• name: unknown • selectable: no • value: 1

284 —RAN license types

Table 284-1 ReportFileFormatType

Name	Value
CSV	• name: csvReportFormat • value: 1
HTML	• name: htmlReportFormat • value: 0

285 —RTR types

Table 285-1 InetAddressType

Name	Value
DNS	• name: dns • selectable: no • value: 16
IPv4 Multicast	• name: ipv4Mcast • selectable: no • value: 128
IPv4	• name: ipv4 • value: 1
IPv4z	• name: ipv4z • selectable: no • value: 3
IPv6 Multicast	• name: ipv6Mcast • selectable: no • value: 129
IPv6	• name: ipv6 • value: 2
IPv6z	• name: ipv6z • value: 4
Unknown	• name: unknown • selectable: no • value: 0

Customer documentation and product support

Customer documentation

http://www.alcatel-lucent.com/myaccess

Product manuals and documentation updates are available at 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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