Alcatel-Lucent 5620

SERVICE AWARE MANAGER | RELEASE 8.0 R6

LTE PARAMETER REFERENCE

3HE 06263 AAAB TQZZA Edition 01

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Alcatel-Lucent License Agreement

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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 | 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

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Guide	Description
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 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*.
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
	  • PC and Sun platforms, and operating systems
	  • 5620 SAM client GUIs and client OSS applications
	  • 5620 SAM servers
	  • 5620 SAM databases

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.

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Guide	Description
5620 SAM Planning Guide	The *5620 SAM Planning Guide* provides information about 5620 SAM scalability and recommended hardware configurations.
5620 SAM NE Compatibility Guide	The *5620 SAM NE 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-O OSS Interface Developer Guide	The *5620 SAM-O OSS Interface Developer Guide* provides information that allows you to: • use the 5620 SAM-O 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 User ePC 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-O 3GPP OSS Interface Developer Guide	The *5620 SAM-O 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 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.

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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*
Key+Key	Type the appropriate consecutive keystroke sequence	CTRL+G
Key-Key	Type the appropriate simultaneous keystroke sequence	CTRL-G
*	An asterick is a wildcard character, which means “any character” in a search argument.	log_file*.txt
↵	Press the Return key	↵
—	An em dash indicates there is no information.	—
→	Indicates that a cascading submenu results from selecting a menu item	Policies→Alarm Policies

Procedures with options or substeps

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

Example of options in a procedure

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

1 This step offers two options. You must choose one of the following.

a This is one option.

b This is another option.

2 You must perform this step.

Example of substeps in a procedure

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

1 This step has a series of substeps that you must perform to complete the step. You must perform the following substeps.

   i This is the first substep.

   ii This is the second substep.

   iii This is the third substep.

2 You must perform this step.

Measurement conventions

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

Table 3 lists the measurement symbols used in this document.

Table 3 Bits and bytes conventions

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

Important information

The following conventions are used to indicate important information:

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

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

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

Contents

1 — 5620 SAM LTE Parameter Reference overview

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. Read-only parameters are not documented. 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.

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
- access
- device impact (eNodeB parameters only)
- minimum and maximum values
- if the parameter is mandatory on creation
- tab and panel location in the 5620 SAM GUI
- displayed name
- if the parameter can be unset (eNodeB parameters only)

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
Description	The primary name of the service.

Type	• none
	  • value: 0
	  • displayed: none
	• mmeAgg
	  • value: 1
	  • displayed: MME Instance
	• mifAgg
	  • value: 2
	  • displayed: MME Interface
	• mafAgg
	  • value: 3
	  • displayed: MME Application
	• dscAgg
	  • value: 4
	  • displayed: DSC Instance

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Name	Value

Type (continued)	• dpaAgg
	  • value: 5
	  • displayed: DSC Diameter Proxy Agent
	• pcrfAgg
	  • value: 6
	  • displayed: DSC Policy Charging Rules Function
	• pcrfGrp
	  • value: 7
	  • displayed: DSC Policy Charging Rules Group

access	read-create
Default	none
Displayed(tab/group)	Name

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Table 2-3 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

3 — AbstractDynamicServicesControllerMember

Table 3-1 AbstractDynamicServicesControllerMember parameters

Parameters	
chassisNumber dscFunction serviceName	siteIdAddressType slotNumber

Table 3-2 chassisNumber

Name	Value
Description	The chassis number of the service.
Type	Integer
access	read-create
Default	0

Table 3-3 dscFunction

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

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	• sif
	  • value: 1
	  • displayed: SGW Interface
	• saf
	  • value: 2
	  • displayed: SGW Application
	• pif
	  • value: 3
	  • displayed: PGW Interface
	• paf
	  • value: 4
	  • displayed: PGW Application
	• pcrf
	  • value: 5
	  • displayed: DSC Policy and Charging Rules
	• dpa
	  • value: 6
	  • displayed: DSC Diameter Proxy Agent

access	read-create
Default	unknown

Table 3-4 serviceName

Name	Value
Description	The primary name of the service.
Type	string
access	read-create
Default	0
maximum	32
Displayed(tab/group)	Service Name

Table 3-5 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

Table 3-6 slotNumber

Name	Value
Description	The slot number of the service.
Type	Integer
access	read-create
Default	0
Displayed(tab/group)	Slot Number

4 — AbstractMmeEpsPeer

Table 4-1 AbstractMmeEpsPeer parameters

Parameters	
index	networkElementId

Table 4-2 index

Name	Value
Type	Integer
access	read-create
Default	0
Displayed(tab/group)	Index

Table 4-3 networkElementId

Name	Value
Type	Integer
access	read-create
Default	0
Displayed(tab/group)	Network Element Id

5 — AccessBarringForOriginatingCalls

Table 5-1 AccessBarringForOriginatingCalls parameters

Parameters	
accessBarringTime	accessClass14Barring
accessClass11Barring	accessClass15Barring
accessClass12Barring	accessProbabilityFactor
accessClass13Barring	id

Table 5-2 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

Type	• s64
	  • value: 0
	  • displayed: 64 s
	• s256
	  • value: 1
	  • displayed: 256 s
	• s128
	  • value: 2
	  • displayed: 128 s
	• s16
	  • value: 3
	  • displayed: 16 s

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Name	Value

Type (continued)	• s32
	  • value: 4
	  • displayed: 32 s
	• s512
	  • value: 5
	  • displayed: 512 s
	• s8
	  • value: 6
	  • displayed: 8 s
	• s4
	  • value: 7
	  • displayed: 4 s

Default	s32
Units	s
Impact	noReset
Displayed(tab/group)	accessBarringTime

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Table 5-3 accessClass11Barring

Name	Value
Description	Indicates whether UE access class 11 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass11Barring

Table 5-4 accessClass12Barring

Name	Value
Description	Indicates whether UE access class 12 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass12Barring

Table 5-5 accessClass13Barring

Name	Value
Description	Indicates whether UE access class 13 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass13Barring

Table 5-6 accessClass14Barring

Name	Value
Description	Indicates whether UE access class 14 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass14Barring

Table 5-7 accessClass15Barring

Name	Value
Description	Indicates whether UE access class 15 is barred in the cell for originating calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass15Barring

Table 5-8 accessProbabilityFactor

Name	Value
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

Type	• p10
	  • value: 0
	  • displayed: 10 %
	• p20
	  • value: 1
	  • displayed: 20 %
	• p40
	  • value: 2
	  • displayed: 40 %
	• p30
	  • value: 3
	  • displayed: 30 %
	• p70
	  • value: 4
	  • displayed: 70 %
	• p90
	  • value: 5
	  • displayed: 90 %
	• p15
	  • value: 6
	  • displayed: 15 %
	• p80
	  • value: 7
	  • displayed: 80 %
	• p60
	  • value: 8
	  • displayed: 60 %
	• p85
	  • value: 9
	  • displayed: 85 %
	• p25
	  • value: 10
	  • displayed: 25 %
	• p50
	  • value: 11
	  • displayed: 50 %
	• p75
	  • value: 12
	  • displayed: 75 %
	• p95
	  • value: 13
	  • displayed: 95 %
	• p00
	  • value: 14
	  • displayed: 00 %
	• p05
	  • value: 15
	  • displayed: 05 %

(1 of 2)

Name	Value
Default	p50
Units	%
Impact	noReset
Displayed(tab/group)	accessProbabilityFactor

(2 of 2)

Table 5-9 id

Name	Value
Description	AccessBarringForOriginatingCalls identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

6 — AccessBarringForSignaling

Table 6-1 AccessBarringForSignaling parameters

Parameters	
accessBarringTime	accessClass14Barring
accessClass11Barring	accessClass15Barring
accessClass12Barring	accessProbabilityFactor
accessClass13Barring	id

Table 6-2 accessBarringTime

Name	Value
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.

Type	• s64
	  • value: 0
	  • displayed: 64 s
	• s256
	  • value: 1
	  • displayed: 256 s
	• s128
	  • value: 2
	  • displayed: 128 s
	• s16
	  • value: 3
	  • displayed: 16 s

(1 of 2)

Name	Value

Type (continued)	• s32
	  • value: 4
	  • displayed: 32 s
	• s512
	  • value: 5
	  • displayed: 512 s
	• s8
	  • value: 6
	  • displayed: 8 s
	• s4
	  • value: 7
	  • displayed: 4 s

Default	s32
Units	s
Impact	noReset
Displayed(tab/group)	accessBarringTime

(2 of 2)

Table 6-3 accessClass11Barring

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass11Barring

Table 6-4 accessClass12Barring

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass12Barring

Table 6-5 accessClass13Barring

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass13Barring

Table 6-6 accessClass14Barring

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass14Barring

Table 6-7 accessClass15Barring

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessClass15Barring

Table 6-8 accessProbabilityFactor

Name	Value
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.

Type	• p10
	  • value: 0
	  • displayed: 10 %
	• p20
	  • value: 1
	  • displayed: 20 %
	• p40
	  • value: 2
	  • displayed: 40 %
	• p30
	  • value: 3
	  • displayed: 30 %
	• p70
	  • value: 4
	  • displayed: 70 %
	• p90
	  • value: 5
	  • displayed: 90 %
	• p15
	  • value: 6
	  • displayed: 15 %
	• p80
	  • value: 7
	  • displayed: 80 %
	• p60
	  • value: 8
	  • displayed: 60 %
	• p85
	  • value: 9
	  • displayed: 85 %
	• p25
	  • value: 10
	  • displayed: 25 %
	• p50
	  • value: 11
	  • displayed: 50 %
	• p75
	  • value: 12
	  • displayed: 75 %
	• p95
	  • value: 13
	  • displayed: 95 %
	• p00
	  • value: 14
	  • displayed: 00 %
	• p05
	  • value: 15
	  • displayed: 05 %

(1 of 2)

Name	Value
Default	p50
Units	%
Impact	noReset
Displayed(tab/group)	accessProbabilityFactor

(2 of 2)

Table 6-9 id

Name	Value
Description	AccessBarringForSignaling identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

7 — AccessBarringForSignalling

Table 7-1 AccessBarringForSignalling parameters

Parameters	
acBarringForSpecialAC	accessClass14Barring
accessBarringTime	accessClass15Barring
accessClass11Barring	accessProbabilityFactor
accessClass12Barring	id
accessClass13Barring	

Table 7-2 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
Type	string
minimum	5
maximum	5
Impact	noReset
Displayed(tab/group)	acBarringForSpecialAC

Table 7-3 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

Type	• s64
	  • value: 0
	  • displayed: 64 s
	• s256
	  • value: 1
	  • displayed: 256 s
	• s128
	  • value: 2
	  • displayed: 128 s
	• s16
	  • value: 3
	  • displayed: 16 s
	• s32
	  • value: 4
	  • displayed: 32 s
	• s512
	  • value: 5
	  • displayed: 512 s
	• s8
	  • value: 6
	  • displayed: 8 s
	• s4
	  • value: 7
	  • displayed: 4 s

Units	s
Impact	noReset
Displayed(tab/group)	accessBarringTime

Table 7-4 accessClass11Barring

Name	Value
Description	Indicates whether UE access class 11 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	accessClass11Barring

Table 7-5 accessClass12Barring

Name	Value
Description	Indicates whether UE access class 12 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	accessClass12Barring

Table 7-6 accessClass13Barring

Name	Value
Description	Indicates whether UE access class 13 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	accessClass13Barring

Table 7-7 accessClass14Barring

Name	Value
Description	Indicates whether UE access class 14 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	accessClass14Barring

Table 7-8 accessClass15Barring

Name	Value
Description	Indicates whether UE access class 15 is barred in the cell for signaling calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	accessClass15Barring

(2 of 2)

Table 7-9 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

Type	• p10
	  • value: 0
	  • displayed: 10 %
	• p20
	  • value: 1
	  • displayed: 20 %
	• p40
	  • value: 2
	  • displayed: 40 %
	• p30
	  • value: 3
	  • displayed: 30 %
	• p70
	  • value: 4
	  • displayed: 70 %
	• p90
	  • value: 5
	  • displayed: 90 %
	• p15
	  • value: 6
	  • displayed: 15 %
	• p80
	  • value: 7
	  • displayed: 80 %
	• p60
	  • value: 8
	  • displayed: 60 %
	• p85
	  • value: 9
	  • displayed: 85 %
	• p25
	  • value: 10
	  • displayed: 25 %
	• p50
	  • value: 11
	  • displayed: 50 %
	• p75
	  • value: 12
	  • displayed: 75 %

(1 of 2)

Name	Value

Type (continued)	• p95
	  • value: 13
	  • displayed: 95 %
	• p00
	  • value: 14
	  • displayed: 00 %
	• p05
	  • value: 15
	  • displayed: 05 %

Units	%
Impact	noReset
Displayed(tab/group)	accessProbabilityFactor

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Table 7-10 id

Name	Value
Description	AccessBarringForSignalling identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

8 — AccessBarring

Table 8-1 AccessBarring parameters

Parameters	
accessBarringForEmergencyCalls accessBarringStatus	id

Table 8-2 accessBarringForEmergencyCalls

Name	Value
Description	Indicates whether access is barred in the cell for originating emergency calls Defined in TS 36.331 Broadcast in SystemInformationBlockType2
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	accessBarringForEmergencyCalls

Table 8-3 accessBarringStatus

Name	Value
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).

Type	• none
	  • value: 0
	  • displayed: None
	• emergencyCallsExclusively
	  • value: 1
	  • displayed: Emergency Calls Exclusively
	• signalingOnly
	  • value: 2
	  • displayed: Signaling Only
	• originatingCallsOnly
	  • value: 3
	  • displayed: Originating Calls Only
	• signalingAndOriginatingCalls
	  • value: 4
	  • displayed: Signaling And Originating Calls

Default	none
Impact	noReset
Displayed(tab/group)	accessBarringStatus

Table 8-4 id

Name	Value
Description	AccessBarring identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

9 — ActivationService

Table 9-1 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	isMeasurementGapConfigAllowed
isCsfbEnhancedRedirectionEnabled	isMeasurementGapsAllowed
isDataForwardingAllowed	isMobilityToGeranAllowed
isDlMacCtrlEltMultiplexingAllowed	isMobilityToHrpdAllowed
isDlMacNonGbrMultiplexingAllowed	isModifyBearerAllowed

(1 of 2)

Parameters	
isDSIMallowed	isS1EnhancementsAllowed
isNonGbrPdbForWeightAllowed	isS1HoAllowed
isNonOptRedirToHrpdAllowed	isSecurityEnabled
isPartialBearerHandlingAllowed	isServiceBasedTrafficSegmentationAllowed
isPsHoToUtraAllowed	isSonPciAllocationEnabled
isPsHoToUtraFddAllowed	isSynchCdmaSystemTimeAllowed
isPsHoToUtraTddAllowed	isTrafficBasedContextReleaseAllowed
isRedirectionToGERANAllowed	isUtraDataForwardingAllowed
isRedirectionToUtraFddAllowed	isX2LoadIndicationAllowed
isRedirectionToUtraTddAllowed	overloadCallRejectNotAllowed
isRohcAllowed	
isRrcReEstablishmentAllowed	

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Table 9-2 anrEnable

Name	Value
Description	This flag allows the activation or deactivation of ANR feature
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	anrEnable

Table 9-3 anrEnableUtra

Name	Value
Description	This flag enables the activation or deactivation of Automatic Neighbor Relation functionality for UTRAN neighbors.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	anrEnableUtra

Table 9-4 groupHoppingEnabled

Name	Value
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.
Type	boolean

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Name	Value
Default	true
Impact	partialReset
Displayed(tab/group)	groupHoppingEnabled

(2 of 2)

Table 9-5 id

Name	Value
Description	ActivationService identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 9-6 ipsecFPSenable

Name	Value
Description	ON/OFF Perfect Forward Secrecy
Type	boolean
Default	true
Impact	fullReset
Displayed(tab/group)	ipsecFPSenable

Table 9-7 ipv6EnabledTelecom

Name	Value
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.
Type	boolean
Default	false
Impact	fullReset
Displayed(tab/group)	ipv6EnabledTelecom

Table 9-8 isBlindPsHoToUtraFddAllowed

Name	Value
Description	Activation flag for feature 103612 eUTRAN to UTRAN Inter-RAT Mobility Blind PS Handover
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isBlindPsHoToUtraFddAllowed

Table 9-9 isBlindPsHoToUtraTddAllowed

Name	Value
Description	Activation flag for feature eUTRAN to UTRAN TDD Inter-RAT Mobility Blind PS Handover
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isBlindPsHoToUtraTddAllowed

Table 9-10 isCellReselectionToGeranAllowed

Name	Value
Description	An activation flag to set whether the EUTRAN to GERAN cell reselection is enabled or disabled
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isCellReselectionToGeranAllowed

Table 9-11 isCellReselectionToInterFreqAllowed

Name	Value
Description	An activation flag to enable or disable inter-freq cell reselection
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isCellReselectionToInterFreqAllowed

Table 9-12 isCellReselectionToUtraFddAllowed

Name	Value
Description	Activation flag for feature 76498 eUTRAN to UTRAN Inter-RAT Mobility Cell Reselection
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isCellReselectionToUtraFddAllowed

Table 9-13 isCellReselectionToUtraTddAllowed

Name	Value
Description	An activation flag to set whether the EUTRAN toUTRA-TDD cell reselection is enabled or disabled
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isCellReselectionToUtraTddAllowed

Table 9-14 isCertificateEnabled

Name	Value
Description	This flag allows the activation of certificates
Type	boolean
Default	false
Impact	fullReset
Displayed(tab/group)	isCertificateEnabled

Table 9-15 isCsFallbackToGeranAllowed

Name	Value
Description	Activation flag for feature 92025 CS Fallback to GERAN
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isCsFallbackToGeranAllowed

Table 9-16 isCsFallbackToUtraFddAllowed

Name	Value
Description	Activation flag for feature 92026 CS Fallback to UTRAN
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isCsFallbackToUtraFddAllowed

Table 9-17 isCsfbEnhancedRedirectionEnabled

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isCsfbEnhancedRedirectionEnabled

Table 9-18 isDSIMallowed

Name	Value
Description	This flag enables or disables Dynamic System Info Modification (DSIM) under cell parameter changes (L97933).
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	isDSIMallowed

Table 9-19 isDataForwardingAllowed

Name	Value
Description	This flag enables data forwarding
Type	boolean
Impact	noReset
Displayed(tab/group)	isDataForwardingAllowed

Table 9-20 isDlMacCtrlEltMultiplexingAllowed

Name	Value
Description	This parameter enables or disables the MAC control element multiplexing with signaling or traffic bearers.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	isDlMacCtrlEltMultiplexingAllowed

Table 9-21 isDlMacNonGbrMultiplexingAllowed

Name	Value
Description	Activate or deactivate the Downlink MAC multiplexing for Non-GBR bearers.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	isDlMacNonGbrMultiplexingAllowed

Table 9-22 isEUTRANtoHRPDMobilityAllowed

Name	Value
Description	An activation flag to set whether the EUTRAN to CDMA HRPD feature is enabled or disabled globally
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isEUTRANtoHRPDMobilityAllowed

Table 9-23 isEnbSelfConfigAllowed

Name	Value
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".
Type	boolean
Default	false

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Name	Value
Impact	noReset
Displayed(tab/group)	isEnbSelfConfigAllowed

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Table 9-24 isEnhancedRacEnabled

Name	Value
Description	This activation flag enables the support of enhanced RAC using real-time resource utilization measurement reports from modem.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	isEnhancedRacEnabled

Table 9-25 isForcedDrxForCsFallbackAllowed

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isForcedDrxForCsFallbackAllowed

Table 9-26 isGeoLocPhaseSyncAllowed

Name	Value
Description	Activation flag for feature 97084 eNB Phase-Sync Support for OTDOA
Type	boolean
Default	false
Impact	fullReset
Displayed(tab/group)	isGeoLocPhaseSyncAllowed

Table 9-27 isGeranCcoAllowed

Name	Value
Description	An activation flag to set whether the EUTRAN to GERAN cell change order is enabled or disabled
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isGeranCcoAllowed

Table 9-28 isHrpdMeasBasedRedirAllowed

Name	Value
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).
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isHrpdMeasBasedRedirAllowed

Table 9-29 isIPsecEnabled

Name	Value
Description	This activation flag enables the support Ipsec
Type	boolean
Default	false
Impact	fullReset
Displayed(tab/group)	isIPsecEnabled

Table 9-30 isInterFreqBlindRedirectionAllowed

Name	Value
Description	An activation flag to enable or disable inter-freq intra-LTE blind-redirection
Type	boolean
Default	false

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Name	Value
Impact	noReset
Displayed(tab/group)	isInterFreqBlindRedirectionAllowed

(2 of 2)

Table 9-31 isInterFreqEutraSameFrameStructureMobilityAllowed

Name	Value
Description	An activation flag to enable or disable inter-freq cell reselection or Handover or Redirection
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isInterFreqEutraSameFrameStructureMobilityAllowed

Table 9-32 isInterFreqHOAllowed

Name	Value
Description	An activation flag to enable or disable inter-freq intra-LTE handover
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isInterFreqHOAllowed

Table 9-33 isIntraFreqMobilityAllowed

Name	Value
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.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	isIntraFreqMobilityAllowed

Table 9-34 isIntraLteMobilityOptimizationAllowed

Name	Value
Description	An activation flag to enable or disable Handover optimization features. It serves debug and LA3.0 isofunctionality purposes.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isIntraLteMobilityOptimizationAllowed

Table 9-35 isLargePdcpSduAllowed

Name	Value
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).
Type	boolean
Default	true
Impact	fullReset
Displayed(tab/group)	isLargePdcpSduAllowed

Table 9-36 isMeasurementGapConfigAllowed

Name	Value
Description	Activation flag for feature 93720 Measurement Gap Configuration
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isMeasurementGapConfigAllowed

Table 9-37 isMeasurementGapsAllowed

Name	Value
Description	Activation flag to allow or not Measurement Gap Configuration
Type	boolean
Default	true

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	isMeasurementGapsAllowed

(2 of 2)

Table 9-38 isMobilityToGeranAllowed

Name	Value
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 NACC
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isMobilityToGeranAllowed

Table 9-39 isMobilityToHrpdAllowed

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isMobilityToHrpdAllowed

Table 9-40 isMobilityToUtranAllowed

Name	Value
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
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isMobilityToUtranAllowed

Table 9-41 isModifyBearerAllowed

Name	Value
Description	This flag allows the activation of E-RAB Modification and UE AMBR modification
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isModifyBearerAllowed

Table 9-42 isNonGbrPdbForWeightAllowed

Name	Value
Description	This parameter enables or disables the new Non-GBR weight computation with PDB.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	isNonGbrPdbForWeightAllowed

Table 9-43 isNonOptRedirToHrpdAllowed

Name	Value
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
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isNonOptRedirToHrpdAllowed

Table 9-44 isPartialBearerHandlingAllowed

Name	Value
Description	This activation flag enables the support of partial success handling in case of bearer management or handover scenarios
Type	boolean
Default	true

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	isPartialBearerHandlingAllowed

(2 of 2)

Table 9-45 isPsHoToUtraAllowed

Name	Value
Description	This parameter activates the eUTRAN to UTRA FDD/TDD Inter-RAT Mobility PS Handover with inter-RAT Measurements.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isPsHoToUtraAllowed

Table 9-46 isPsHoToUtraFddAllowed

Name	Value
Description	Activation flag for feature 96732 eUTRAN to UTRAN Inter-RAT Mobility PS Handover with inter-RAT Measurements
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isPsHoToUtraFddAllowed

Table 9-47 isPsHoToUtraTddAllowed

Name	Value
Description	Activation flag for feature eUTRAN to UTRA-TDD Inter-RAT Mobility PS handover
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isPsHoToUtraTddAllowed

Table 9-48 isRedirectionToGERANAllowed

Name	Value
Description	An activation flag to set whether the EUTRAN to GERAN redirection is enabled or disabled globally
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isRedirectionToGERANAllowed

Table 9-49 isRedirectionToUtraFddAllowed

Name	Value
Description	Activation flag for feature 76498 eUTRAN to UTRAN Inter-RAT Mobility Redirection
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isRedirectionToUtraFddAllowed

Table 9-50 isRedirectionToUtraTddAllowed

Name	Value
Description	Activation flag for feature eUTRAN to UTRAN-TDD Inter-RAT Mobility Cell Reselection-Redirection
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isRedirectionToUtraTddAllowed

Table 9-51 isRohcAllowed

Name	Value
Description	An activation flag to set whether RoHC feature is enabled or disabled globally
Type	boolean
Default	true
Impact	fullReset
Displayed(tab/group)	isRohcAllowed

Table 9-52 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).
Type	boolean
Impact	noReset
Displayed(tab/group)	isRrcReEstablishmentAllowed

Table 9-53 isS1EnhancementsAllowed

Name	Value
Description	This flag allows the activation or improvements over S1
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isS1EnhancementsAllowed

Table 9-54 isS1HoAllowed

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isS1HoAllowed

Table 9-55 isSecurityEnabled

Name	Value
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
Type	boolean
Default	false

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	isSecurityEnabled

(2 of 2)

Table 9-56 isServiceBasedTrafficSegmentationAllowed

Name	Value
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
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isServiceBasedTrafficSegmentationAllowed

Table 9-57 isSonPciAllocationEnabled

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isSonPciAllocationEnabled

Table 9-58 isSynchCdmaSystemTimeAllowed

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isSynchCdmaSystemTimeAllowed

Table 9-59 isTrafficBasedContextReleaseAllowed

Name	Value
Description	This flag activates the UE context relase triggerd by traffic inactivity
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isTrafficBasedContextReleaseAllowed

Table 9-60 isUtraDataForwardingAllowed

Name	Value
Description	This parameter activates the data forwarding during inter-RAT handover to UTRA FDD/TDD
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isUtraDataForwardingAllowed

Table 9-61 isX2LoadIndicationAllowed

Name	Value
Description	Activation flag to enable or disable X2 load indication feature
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	isX2LoadIndicationAllowed

Table 9-62 overloadCallRejectNotAllowed

Name	Value
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.
Type	boolean

(1 of 2)

Name	Value
Default	false
Impact	noReset
Displayed(tab/group)	overloadCallRejectNotAllowed

(2 of 2)

10 — AGWApn

Table 10-1 AGWApn parameters

Parameters	
apnName description	siteIdAddressType

Table 10-2 apnName

Name	Value
Description	The value of apneName specifies the describes the Access Point Name (APN) associated with an User Quipment (UE).
Type	string
access	read-create
minimum	1
maximum	80
Mandatory on create	Yes
Displayed(tab/group)	Name

Table 10-3 description

Name	Value
Description	The value of apneName specifies the describes the Access Point Name (APN) associated with an User Quipment (UE).
Type	string
minimum	0
maximum	80
Displayed(tab/group)	Description

Table 10-4 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

11 — AgwChargingProfile

Table 11-1 AgwChargingProfile parameters

Parameters	
chargingId offlineState prctMsTimeZoneChange	prctTimeLimit prctVolumeLimit

Table 11-2 chargingId

Name	Value
Type	Long integer
access	read-create
Default	0
minimum	0
maximum	255

Table 11-3 offlineState

Name	Value

Type	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled

Default	disabled

Table 11-4 prctMsTimeZoneChange

Name	Value

Type	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled

Default	disabled

Table 11-5 prctTimeLimit

Name	Value
Type	Integer
Default	3600
minimum	0
maximum	86400
Units	s

Table 11-6 prctVolumeLimit

Name	Value
Type	Integer
Default	4096
minimum	0
maximum	65535
Units	koctets

12 — AGWGxReferencePoint

Table 12-1 AGWGxReferencePoint parameters

Parameters	
diameterRetryCount	diameterTransactionTimer

Table 12-2 diameterRetryCount

Name	Value
Description	The value of diameterRetryCount specifies the number of times the same message is re-tried before declaring a failed attempt.
Type	Integer
Default	3
minimum	1
maximum	8
Displayed(tab/group)	Retry Count (/Diameter)

Table 12-3 diameterTransactionTimer

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

(1 of 2)

Name	Value
Default	5
minimum	1
maximum	180
Units	s
Displayed(tab/group)	Transaction Timer (/Diameter)

(2 of 2)

13 — AgwInterfaceMember

Table 13-1 AgwInterfaceMember parameters

Parameters	
description id	vrtrId

Table 13-2 description

Name	Value
Description	Complementary information on the the Member object.
Type	string
minimum	0
maximum	80

Table 13-3 id

Name	Value
Description	Global ID for the Member, this is based on the Interface Index associated to this Member.
Type	Long integer
access	read-create
Default	0

(1 of 2)

Name	Value
minimum	1
maximum	2147483647

(2 of 2)

Table 13-4 vrtrId

Name	Value
Description	The Virtual Routing Instance on which the Interface Member is residing. A value of one signify the Base Router Instance.
Type	Long integer
access	read-create
Default	1
minimum	1
maximum	2147483647

14 — AlarmFlowReductionEntry

Table 14-1 alarmID

Name	Value
Description	AlarmID and index value of the table entry.
Type	Long integer
access	read-create
minimum	0
maximum	2147483647
Mandatory on create	Yes
Displayed(tab/group)	Alarm ID (/Alarm Information)

15 — AnrProfile

Table 15-1 AnrProfile parameters

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

Table 15-2 activePhaseMeasReportHysteresis

Name	Value
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.
Type	Integer
Default	200
minimum	5
maximum	500
Displayed(tab/group)	Active Phase Measurement Report Hysteresis (/Automatic Neigbour Relation)

Table 15-3 activePhaseMeasReportThreshold

Name	Value
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.
Type	Integer
Default	1000
minimum	10
maximum	2000
Displayed(tab/group)	Active Phase Measurement Report Threshold (/Automatic Neigbour Relation)

Table 15-4 description

Name	Value
Description	ANR Profile Description.
Type	string
maximum	252
Displayed(tab/group)	Description

Table 15-5 displayedName

Name	Value
Description	ANR Profile Name.
Type	string
minimum	1
maximum	80
Displayed(tab/group)	Profile Name

Table 15-6 dormantPhaseTimerForEcgiDiscovery

Name	Value
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.
Type	Integer
Default	5
minimum	5

(1 of 2)

Name	Value
maximum	60
Units	min
Displayed(tab/group)	Dormant Phase Timer For ECGI Discovery (/Automatic Neigbour Relation)

(2 of 2)

Table 15-7 drxCycleForReportCGI

Name	Value
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.

Type	• sf320
	  • value: 0
	  • displayed: Sf 320
	• sf160
	  • value: 1
	  • displayed: Sf 160

Default	sf160
Displayed(tab/group)	DRX Cycle For Report CGI (/Automatic Neigbour Relation)

Table 15-8 id

Name	Value
Description	ANR Profile Identifier.
Type	Integer
access	read-create
Default	0
minimum	1
maximum	3000
Displayed(tab/group)	Profile ID

Table 15-9 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.

Type	• minus70_to_minus69
	  • value: 0
	  • displayed: [-70,-69]
	• minus56_to_minus55
	  • value: 1
	  • displayed: [-56,-55]
	• minus47_to_minus46
	  • value: 2
	  • displayed: [-47,-46]
	• minus126_to_minus125
	  • value: 3
	  • displayed: [-126,-125]
	• minus51_to_minus50
	  • value: 4
	  • displayed: [-51,-50]
	• minus65_to_minus64
	  • value: 5
	  • displayed: [-65,-64]
	• minus49_to_minus48
	  • value: 6
	  • displayed: [-49,-48]
	• minus57_to_minus56
	  • value: 7
	  • displayed: [-57,-56]
	• minus119_to_minus118
	  • value: 8
	  • displayed: [-119,-118]
	• minus106_to_minus105
	  • value: 9
	  • displayed: [-106,-105]
	• more_than_minus44
	  • value: 10
	  • displayed: more-than-minus44
	• minus132_to_minus131
	  • value: 11
	  • displayed: [-132,-131]
	• minus87_to_minus86
	  • value: 12
	  • displayed: [-87,-86]
	• minus81_to_minus80
	  • value: 13
	  • displayed: [-81,-80]
	• minus116_to_minus115
	  • value: 14
	  • displayed: [-116,-115]
	• minus120_to_minus119
	  • value: 15
	  • displayed: [-120,-119]

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Name	Value

Type (continued)	• minus117_to_minus116
	  • value: 16
	  • displayed: [-117,-116]
	• minus95_to_minus94
	  • value: 17
	  • displayed: [-95,-94]
	• minus136_to_minus135
	  • value: 18
	  • displayed: [-136,-135]
	• minus100_to_minus99
	  • value: 19
	  • displayed: [-100,-99]
	• minus121_to_minus120
	  • value: 20
	  • displayed: [-121,-120]
	• minus96_to_minus95
	  • value: 21
	  • displayed: [-96,-95]
	• minus108_to_minus107
	  • value: 22
	  • displayed: [-108,-107]
	• minus109_to_minus108
	  • value: 23
	  • displayed: [-109,-108]
	• minus134_to_minus133
	  • value: 24
	  • displayed: [-134,-133]
	• minus79_to_minus78
	  • value: 25
	  • displayed: [-79,-78]
	• minus102_to_minus101
	  • value: 26
	  • displayed: [-102,-101]
	• minus75_to_minus74
	  • value: 27
	  • displayed: [-75,-74]
	• minus83_to_minus82
	  • value: 28
	  • displayed: [-83,-82]
	• minus140_to_minus139
	  • value: 29
	  • displayed: [-140,-139]
	• minus92_to_minus91
	  • value: 30
	  • displayed: [-92,-91]
	• minus101_to_minus100
	  • value: 31
	  • displayed: [-101,-100]
	• minus125_to_minus124
	  • value: 32
	  • displayed: [-125,-124]
	• minus45_to_minus44
	  • value: 33
	  • displayed: [-45,-44]

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Name	Value

Type (continued)	• minus55_to_minus54
	  • value: 34
	  • displayed: [-55,-54]
	• minus78_to_minus77
	  • value: 35
	  • displayed: [-78,-77]
	• minus72_to_minus71
	  • value: 36
	  • displayed: [-72,-71]
	• minus90_to_minus89
	  • value: 37
	  • displayed: [-90,-89]
	• minus85_to_minus84
	  • value: 38
	  • displayed: [-85,-84]
	• minus67_to_minus66
	  • value: 39
	  • displayed: [-67,-66]
	• less_than_minus140
	  • value: 40
	  • displayed: less-than-minus140
	• minus110_to_minus109
	  • value: 41
	  • displayed: [-110,-109]
	• minus129_to_minus128
	  • value: 42
	  • displayed: [-129,-128]
	• minus52_to_minus51
	  • value: 43
	  • displayed: [-52,-51]
	• minus135_to_minus134
	  • value: 44
	  • displayed: [-135,-134]
	• minus69_to_minus68
	  • value: 45
	  • displayed: [-69,-68]
	• minus74_to_minus73
	  • value: 46
	  • displayed: [-74,-73]
	• minus61_to_minus60
	  • value: 47
	  • displayed: [-61,-60]
	• minus113_to_minus112
	  • value: 48
	  • displayed: [-113,-112]
	• minus86_to_minus85
	  • value: 49
	  • displayed: [-86,-85]
	• minus103_to_minus102
	  • value: 50
	  • displayed: [-103,-102]
	• minus124_to_minus123
	  • value: 51
	  • displayed: [-124,-123]

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Name	Value

Type (continued)	• minus128_to_minus127
	  • value: 52
	  • displayed: [-128,-127]
	• minus63_to_minus62
	  • value: 53
	  • displayed: [-63,-62]
	• minus115_to_minus114
	  • value: 54
	  • displayed: [-115,-114]
	• minus138_to_minus137
	  • value: 55
	  • displayed: [-138,-137]
	• minus66_to_minus65
	  • value: 56
	  • displayed: [-66,-65]
	• minus94_to_minus93
	  • value: 57
	  • displayed: [-94,-93]
	• minus71_to_minus70
	  • value: 58
	  • displayed: [-71,-70]
	• minus111_to_minus110
	  • value: 59
	  • displayed: [-111,-110]
	• minus93_to_minus92
	  • value: 60
	  • displayed: [-93,-92]
	• minus91_to_minus90
	  • value: 61
	  • displayed: [-91,-90]
	• minus73_to_minus72
	  • value: 62
	  • displayed: [-73,-72]
	• minus46_to_minus45
	  • value: 63
	  • displayed: [-46,-45]
	• minus64_to_minus63
	  • value: 64
	  • displayed: [-64,-63]
	• minus54_to_minus53
	  • value: 65
	  • displayed: [-54,-53]
	• minus104_to_minus103
	  • value: 66
	  • displayed: [-104,-103]
	• minus88_to_minus87
	  • value: 67
	  • displayed: [-88,-87]
	• minus122_to_minus121
	  • value: 68
	  • displayed: [-122,-121]
	• minus112_to_minus111
	  • value: 69
	  • displayed: [-112,-111]

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Name	Value

Type (continued)	• minus123_to_minus122
	  • value: 70
	  • displayed: [-123,-122]
	• minus76_to_minus75
	  • value: 71
	  • displayed: [-76,-75]
	• minus53_to_minus52
	  • value: 72
	  • displayed: [-53,-52]
	• minus114_to_minus113
	  • value: 73
	  • displayed: [-114,-113]
	• minus130_to_minus129
	  • value: 74
	  • displayed: [-130,-129]
	• minus131_to_minus130
	  • value: 75
	  • displayed: [-131,-130]
	• minus59_to_minus58
	  • value: 76
	  • displayed: [-59,-58]
	• minus99_to_minus98
	  • value: 77
	  • displayed: [-99,-98]
	• minus105_to_minus104
	  • value: 78
	  • displayed: [-105,-104]
	• minus118_to_minus117
	  • value: 79
	  • displayed: [-118,-117]
	• minus60_to_minus59
	  • value: 80
	  • displayed: [-60,-59]
	• minus107_to_minus106
	  • value: 81
	  • displayed: [-107,-106]
	• minus68_to_minus67
	  • value: 82
	  • displayed: [-68,-67]
	• minus48_to_minus47
	  • value: 83
	  • displayed: [-48,-47]
	• minus77_to_minus76
	  • value: 84
	  • displayed: [-77,-76]
	• minus97_to_minus96
	  • value: 85
	  • displayed: [-97,-96]
	• minus137_to_minus136
	  • value: 86
	  • displayed: [-137,-136]
	• minus50_to_minus49
	  • value: 87
	  • displayed: [-50,-49]

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Name	Value

Type (continued)	• minus133_to_minus132
	  • value: 88
	  • displayed: [-133,-132]
	• minus127_to_minus126
	  • value: 89
	  • displayed: [-127,-126]
	• minus84_to_minus83
	  • value: 90
	  • displayed: [-84,-83]
	• minus89_to_minus88
	  • value: 91
	  • displayed: [-89,-88]
	• minus58_to_minus57
	  • value: 92
	  • displayed: [-58,-57]
	• minus98_to_minus97
	  • value: 93
	  • displayed: [-98,-97]
	• minus80_to_minus79
	  • value: 94
	  • displayed: [-80,-79]
	• minus139_to_minus138
	  • value: 95
	  • displayed: [-139,-138]
	• minus62_to_minus61
	  • value: 96
	  • displayed: [-62,-61]
	• minus82_to_minus81
	  • value: 97
	  • displayed: [-82,-81]

minimum	-140
maximum	-43
Impact	noReset
Displayed(tab/group)	Second Threshold EUTRAN RSRP (/Report Config EUTRAN)
Note: The value of this parameter can be unset.	

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Table 15-10 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.

Type	• minus8_to_minus7dot5
	  • value: 0
	  • displayed: [-8,-7.5]
	• minus18dot5_to_minus18
	  • value: 1
	  • displayed: [-18.5,-18]

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Name	Value

Type (continued)	• minus15_to_minus14dot5
	  • value: 2
	  • displayed: [-15,-14.5]
	• minus14dot5_to_minus14
	  • value: 3
	  • displayed: [-14.5,-14]
	• minus5dot5_to_minus5
	  • value: 4
	  • displayed: [-5.5,-5]
	• less_than_minus19dot5
	  • value: 5
	  • displayed: Less Than -19.5
	• minus18_to_minus17dot5
	  • value: 6
	  • displayed: [-18,-17.5]
	• minus11dot5_to_minus11
	  • value: 7
	  • displayed: [-11.5,-11]
	• minus7_to_minus6dot5
	  • value: 8
	  • displayed: [-7,-6.5]
	• minus10_to_minus9dot5
	  • value: 9
	  • displayed: [-10,-9.5]
	• minus12_to_minus11dot5
	  • value: 10
	  • displayed: [-12,-11.5]
	• more_than_minus3
	  • value: 11
	  • displayed: More Than -3
	• minus17dot5_to_minus17
	  • value: 12
	  • displayed: [-17.5,-17]
	• minus7dot5_to_minus7
	  • value: 13
	  • displayed: [-7.5,-7]
	• minus3dot5_to_minus3
	  • value: 14
	  • displayed: [-3.5,-3]
	• minus13dot5_to_minus13
	  • value: 15
	  • displayed: [-13.5,-13]
	• minus12dot5_to_minus12
	  • value: 16
	  • displayed: [-12.5,-12]
	• minus19_to_minus18dot5
	  • value: 17
	  • displayed: [-19,-18.5]
	• minus8dot5_to_minus8
	  • value: 18
	  • displayed: [-8.5,-8]
	• minus15dot5_to_minus15
	  • value: 19
	  • displayed: [-15.5,-15]

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Name	Value

Type (continued)	• minus11_to_minus10dot5
	  • value: 20
	  • displayed: [-11,-10.5]
	• minus9_to_minus8dot5
	  • value: 21
	  • displayed: [-9,-8.5]
	• minus6dot5_to_minus6
	  • value: 22
	  • displayed: [-6.5,-6]
	• minus16dot5_to_minus16
	  • value: 23
	  • displayed: [-16.5,-16]
	• minus9dot5_to_minus9
	  • value: 24
	  • displayed: [-9.5,-9]
	• minus5_to_minus4dot5
	  • value: 25
	  • displayed: [-5,-4.5]
	• minus16_to_minus15dot5
	  • value: 26
	  • displayed: [-16,-15.5]
	• minus4dot5_to_minus4
	  • value: 27
	  • displayed: [-4.5,-4]
	• minus6_to_minus5dot5
	  • value: 28
	  • displayed: [-6,-5.5]
	• minus17_to_minus16dot5
	  • value: 29
	  • displayed: [-17,-16.5]
	• minus13_to_minus12dot5
	  • value: 30
	  • displayed: [-13,-12.5]
	• minus4_to_minus3dot5
	  • value: 31
	  • displayed: [-4,-3.5]
	• minus10dot5_to_minus10
	  • value: 32
	  • displayed: [-10.5,-10]
	• minus19dot5_to_minus19
	  • value: 33
	  • displayed: [-19.5,-19]
	• minus14_to_minus13dot5
	  • value: 34
	  • displayed: [-14,-13.5]

minimum	-20
maximum	-3
Displayed(tab/group)	Second Threshold EUTRAN RSRQ (/Report Config EUTRAN)
Note: The value of this parameter can be unset.	

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Table 15-11 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.

Type	• minus70_to_minus69
	  • value: 0
	  • displayed: [-70,-69]
	• minus56_to_minus55
	  • value: 1
	  • displayed: [-56,-55]
	• minus47_to_minus46
	  • value: 2
	  • displayed: [-47,-46]
	• minus126_to_minus125
	  • value: 3
	  • displayed: [-126,-125]
	• minus51_to_minus50
	  • value: 4
	  • displayed: [-51,-50]
	• minus65_to_minus64
	  • value: 5
	  • displayed: [-65,-64]
	• minus49_to_minus48
	  • value: 6
	  • displayed: [-49,-48]
	• minus57_to_minus56
	  • value: 7
	  • displayed: [-57,-56]
	• minus119_to_minus118
	  • value: 8
	  • displayed: [-119,-118]
	• minus106_to_minus105
	  • value: 9
	  • displayed: [-106,-105]
	• more_than_minus44
	  • value: 10
	  • displayed: more-than-minus44
	• minus132_to_minus131
	  • value: 11
	  • displayed: [-132,-131]
	• minus87_to_minus86
	  • value: 12
	  • displayed: [-87,-86]
	• minus81_to_minus80
	  • value: 13
	  • displayed: [-81,-80]
	• minus116_to_minus115
	  • value: 14
	  • displayed: [-116,-115]
	• minus120_to_minus119
	  • value: 15
	  • displayed: [-120,-119]

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Name	Value

Type (continued)	• minus117_to_minus116
	  • value: 16
	  • displayed: [-117,-116]
	• minus95_to_minus94
	  • value: 17
	  • displayed: [-95,-94]
	• minus136_to_minus135
	  • value: 18
	  • displayed: [-136,-135]
	• minus100_to_minus99
	  • value: 19
	  • displayed: [-100,-99]
	• minus121_to_minus120
	  • value: 20
	  • displayed: [-121,-120]
	• minus96_to_minus95
	  • value: 21
	  • displayed: [-96,-95]
	• minus108_to_minus107
	  • value: 22
	  • displayed: [-108,-107]
	• minus109_to_minus108
	  • value: 23
	  • displayed: [-109,-108]
	• minus134_to_minus133
	  • value: 24
	  • displayed: [-134,-133]
	• minus79_to_minus78
	  • value: 25
	  • displayed: [-79,-78]
	• minus102_to_minus101
	  • value: 26
	  • displayed: [-102,-101]
	• minus75_to_minus74
	  • value: 27
	  • displayed: [-75,-74]
	• minus83_to_minus82
	  • value: 28
	  • displayed: [-83,-82]
	• minus140_to_minus139
	  • value: 29
	  • displayed: [-140,-139]
	• minus92_to_minus91
	  • value: 30
	  • displayed: [-92,-91]
	• minus101_to_minus100
	  • value: 31
	  • displayed: [-101,-100]
	• minus125_to_minus124
	  • value: 32
	  • displayed: [-125,-124]
	• minus45_to_minus44
	  • value: 33
	  • displayed: [-45,-44]

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Name	Value

Type (continued)	• minus55_to_minus54
	  • value: 34
	  • displayed: [-55,-54]
	• minus78_to_minus77
	  • value: 35
	  • displayed: [-78,-77]
	• minus72_to_minus71
	  • value: 36
	  • displayed: [-72,-71]
	• minus90_to_minus89
	  • value: 37
	  • displayed: [-90,-89]
	• minus85_to_minus84
	  • value: 38
	  • displayed: [-85,-84]
	• minus67_to_minus66
	  • value: 39
	  • displayed: [-67,-66]
	• less_than_minus140
	  • value: 40
	  • displayed: less-than-minus140
	• minus110_to_minus109
	  • value: 41
	  • displayed: [-110,-109]
	• minus129_to_minus128
	  • value: 42
	  • displayed: [-129,-128]
	• minus52_to_minus51
	  • value: 43
	  • displayed: [-52,-51]
	• minus135_to_minus134
	  • value: 44
	  • displayed: [-135,-134]
	• minus69_to_minus68
	  • value: 45
	  • displayed: [-69,-68]
	• minus74_to_minus73
	  • value: 46
	  • displayed: [-74,-73]
	• minus61_to_minus60
	  • value: 47
	  • displayed: [-61,-60]
	• minus113_to_minus112
	  • value: 48
	  • displayed: [-113,-112]
	• minus86_to_minus85
	  • value: 49
	  • displayed: [-86,-85]
	• minus103_to_minus102
	  • value: 50
	  • displayed: [-103,-102]
	• minus124_to_minus123
	  • value: 51
	  • displayed: [-124,-123]

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Name	Value

Type (continued)	• minus128_to_minus127
	  • value: 52
	  • displayed: [-128,-127]
	• minus63_to_minus62
	  • value: 53
	  • displayed: [-63,-62]
	• minus115_to_minus114
	  • value: 54
	  • displayed: [-115,-114]
	• minus138_to_minus137
	  • value: 55
	  • displayed: [-138,-137]
	• minus66_to_minus65
	  • value: 56
	  • displayed: [-66,-65]
	• minus94_to_minus93
	  • value: 57
	  • displayed: [-94,-93]
	• minus71_to_minus70
	  • value: 58
	  • displayed: [-71,-70]
	• minus111_to_minus110
	  • value: 59
	  • displayed: [-111,-110]
	• minus93_to_minus92
	  • value: 60
	  • displayed: [-93,-92]
	• minus91_to_minus90
	  • value: 61
	  • displayed: [-91,-90]
	• minus73_to_minus72
	  • value: 62
	  • displayed: [-73,-72]
	• minus46_to_minus45
	  • value: 63
	  • displayed: [-46,-45]
	• minus64_to_minus63
	  • value: 64
	  • displayed: [-64,-63]
	• minus54_to_minus53
	  • value: 65
	  • displayed: [-54,-53]
	• minus104_to_minus103
	  • value: 66
	  • displayed: [-104,-103]
	• minus88_to_minus87
	  • value: 67
	  • displayed: [-88,-87]
	• minus122_to_minus121
	  • value: 68
	  • displayed: [-122,-121]
	• minus112_to_minus111
	  • value: 69
	  • displayed: [-112,-111]

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Name	Value

Type (continued)	• minus123_to_minus122
	  • value: 70
	  • displayed: [-123,-122]
	• minus76_to_minus75
	  • value: 71
	  • displayed: [-76,-75]
	• minus53_to_minus52
	  • value: 72
	  • displayed: [-53,-52]
	• minus114_to_minus113
	  • value: 73
	  • displayed: [-114,-113]
	• minus130_to_minus129
	  • value: 74
	  • displayed: [-130,-129]
	• minus131_to_minus130
	  • value: 75
	  • displayed: [-131,-130]
	• minus59_to_minus58
	  • value: 76
	  • displayed: [-59,-58]
	• minus99_to_minus98
	  • value: 77
	  • displayed: [-99,-98]
	• minus105_to_minus104
	  • value: 78
	  • displayed: [-105,-104]
	• minus118_to_minus117
	  • value: 79
	  • displayed: [-118,-117]
	• minus60_to_minus59
	  • value: 80
	  • displayed: [-60,-59]
	• minus107_to_minus106
	  • value: 81
	  • displayed: [-107,-106]
	• minus68_to_minus67
	  • value: 82
	  • displayed: [-68,-67]
	• minus48_to_minus47
	  • value: 83
	  • displayed: [-48,-47]
	• minus77_to_minus76
	  • value: 84
	  • displayed: [-77,-76]
	• minus97_to_minus96
	  • value: 85
	  • displayed: [-97,-96]
	• minus137_to_minus136
	  • value: 86
	  • displayed: [-137,-136]
	• minus50_to_minus49
	  • value: 87
	  • displayed: [-50,-49]

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Name	Value

Type (continued)	• minus133_to_minus132
	  • value: 88
	  • displayed: [-133,-132]
	• minus127_to_minus126
	  • value: 89
	  • displayed: [-127,-126]
	• minus84_to_minus83
	  • value: 90
	  • displayed: [-84,-83]
	• minus89_to_minus88
	  • value: 91
	  • displayed: [-89,-88]
	• minus58_to_minus57
	  • value: 92
	  • displayed: [-58,-57]
	• minus98_to_minus97
	  • value: 93
	  • displayed: [-98,-97]
	• minus80_to_minus79
	  • value: 94
	  • displayed: [-80,-79]
	• minus139_to_minus138
	  • value: 95
	  • displayed: [-139,-138]
	• minus62_to_minus61
	  • value: 96
	  • displayed: [-62,-61]
	• minus82_to_minus81
	  • value: 97
	  • displayed: [-82,-81]

minimum	-140
maximum	-43
Displayed(tab/group)	Threshold EUTRAN RSRP (/Report Config EUTRAN)
Note: The value of this parameter can be unset.	

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Table 15-12 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.

Type	• minus8_to_minus7dot5
	  • value: 0
	  • displayed: [-8,-7.5]
	• minus18dot5_to_minus18
	  • value: 1
	  • displayed: [-18.5,-18]

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Name	Value

Type (continued)	• minus15_to_minus14dot5
	  • value: 2
	  • displayed: [-15,-14.5]
	• minus14dot5_to_minus14
	  • value: 3
	  • displayed: [-14.5,-14]
	• minus5dot5_to_minus5
	  • value: 4
	  • displayed: [-5.5,-5]
	• less_than_minus19dot5
	  • value: 5
	  • displayed: Less Than -19.5
	• minus18_to_minus17dot5
	  • value: 6
	  • displayed: [-18,-17.5]
	• minus11dot5_to_minus11
	  • value: 7
	  • displayed: [-11.5,-11]
	• minus7_to_minus6dot5
	  • value: 8
	  • displayed: [-7,-6.5]
	• minus10_to_minus9dot5
	  • value: 9
	  • displayed: [-10,-9.5]
	• minus12_to_minus11dot5
	  • value: 10
	  • displayed: [-12,-11.5]
	• more_than_minus3
	  • value: 11
	  • displayed: More Than -3
	• minus17dot5_to_minus17
	  • value: 12
	  • displayed: [-17.5,-17]
	• minus7dot5_to_minus7
	  • value: 13
	  • displayed: [-7.5,-7]
	• minus3dot5_to_minus3
	  • value: 14
	  • displayed: [-3.5,-3]
	• minus13dot5_to_minus13
	  • value: 15
	  • displayed: [-13.5,-13]
	• minus12dot5_to_minus12
	  • value: 16
	  • displayed: [-12.5,-12]
	• minus19_to_minus18dot5
	  • value: 17
	  • displayed: [-19,-18.5]
	• minus8dot5_to_minus8
	  • value: 18
	  • displayed: [-8.5,-8]
	• minus15dot5_to_minus15
	  • value: 19
	  • displayed: [-15.5,-15]

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Name	Value

Type (continued)	• minus11_to_minus10dot5
	  • value: 20
	  • displayed: [-11,-10.5]
	• minus9_to_minus8dot5
	  • value: 21
	  • displayed: [-9,-8.5]
	• minus6dot5_to_minus6
	  • value: 22
	  • displayed: [-6.5,-6]
	• minus16dot5_to_minus16
	  • value: 23
	  • displayed: [-16.5,-16]
	• minus9dot5_to_minus9
	  • value: 24
	  • displayed: [-9.5,-9]
	• minus5_to_minus4dot5
	  • value: 25
	  • displayed: [-5,-4.5]
	• minus16_to_minus15dot5
	  • value: 26
	  • displayed: [-16,-15.5]
	• minus4dot5_to_minus4
	  • value: 27
	  • displayed: [-4.5,-4]
	• minus6_to_minus5dot5
	  • value: 28
	  • displayed: [-6,-5.5]
	• minus17_to_minus16dot5
	  • value: 29
	  • displayed: [-17,-16.5]
	• minus13_to_minus12dot5
	  • value: 30
	  • displayed: [-13,-12.5]
	• minus4_to_minus3dot5
	  • value: 31
	  • displayed: [-4,-3.5]
	• minus10dot5_to_minus10
	  • value: 32
	  • displayed: [-10.5,-10]
	• minus19dot5_to_minus19
	  • value: 33
	  • displayed: [-19.5,-19]
	• minus14_to_minus13dot5
	  • value: 34
	  • displayed: [-14,-13.5]

minimum	-20
maximum	-3
Displayed(tab/group)	Threshold EUTRAN RSRQ (/Report Config EUTRAN)
Note: The value of this parameter can be unset.	

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Table 15-13 uEContributionInWakeUpPhase

Name	Value
Description	This parameter defined the number of established UEs that will be configured with ANR + ReportCGI measurements during the wake-up phase.
Type	Integer
Default	10
minimum	0
maximum	20
Displayed(tab/group)	UE Contribution In Wake Up Phase (/Automatic Neigbour Relation)

16 — AnrProfileToEnbInstanceBinding

Table 16-1 AnrProfileToEnbInstanceBinding parameters

Parameters	
anrProfileId eNodeBName	id siteId

Table 16-2 anrProfileId

Name	Value
Description	ID of the ANR profile.
Type	Integer
access	read-create
minimum	1
maximum	65535
Mandatory on create	Yes

Table 16-3 eNodeBName

Name	Value
Type	string
minimum	0

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Name	Value
maximum	80
Displayed(tab/group)	eNodeB Name

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Table 16-4 id

Name	Value
Description	An auto-generated ID to identify the eNodeB to ANR Profile Binding object.
Type	Long integer
access	read-create
Default	0
minimum	1
maximum	5000

Table 16-5 siteId

Name	Value
Description	This can either be an IP address or the eNodeBName.
Type	string
Displayed(tab/group)	Site Identifier

17 — Antenna

Table 17-1 antennaModel

Name	Value
Description	Name of the antenna manufacturer and the antenna model
Type	string
access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Antenna Model

18 — AntennaPortSpecifics

Table 18-1 AntennaPortSpecifics parameters

Parameters	
antennaGain antennaPathAttenuationDL antennaPathAttenuationUL assignedPortNumber	equippedAntennaModel vswrUrgentThreshold vswrWarningThreshold

Table 18-2 antennaGain

Name	Value
Description	The gain of the antenna attached to this antenna port
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	0
maximum	300
Units	dB
Displayed(tab/group)	Antenna Gain

Table 18-3 antennaPathAttenuationDL

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	60
Units	dB
Displayed(tab/group)	Antenna Path Attenuation Downlink

Table 18-4 antennaPathAttenuationUL

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	0
maximum	60
Units	dB
Displayed(tab/group)	Antenna Path Attenuation Uplink

Table 18-5 assignedPortNumber

Name	Value
Description	Number of the transceiver port that is connected to this antenna port. Encoding: 0 = not connected; 1 = transceiver port #1; 2 = transceiver port #2 .
Type	Long integer
access	read-create
Default	0
minimum	0
maximum	8
Displayed(tab/group)	Assigned Port Number

Table 18-6 equippedAntennaModel

Name	Value
Description	The antenna model attached to this antenna port. Beam forming is only available with antennas in the antennaModelTable
Type	string
minimum	0
maximum	127

Table 18-7 vswrUrgentThreshold

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	100
Displayed(tab/group)	VSWR Urgent Threshold

Table 18-8 vswrWarningThreshold

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.
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	0
maximum	100
Displayed(tab/group)	VSWR Warning Threshold

19 — AutomaticNeighborRelation

Table 19-1 AutomaticNeighborRelation parameters

Parameters	
activePhaseMeasReportHysteresis	drxCycleForReportCGI
activePhaseMeasReportThreshold	id
dormantPhaseTimerForEcgiDiscovery	uEContributionInWakeUpPhase

Table 19-2 activePhaseMeasReportHysteresis

Name	Value
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.
Type	Integer
Default	200
minimum	5
maximum	500
Impact	noReset
Displayed(tab/group)	activePhaseMeasReportHysteresis

Table 19-3 activePhaseMeasReportThreshold

Name	Value
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.
Type	Integer
Default	1000
minimum	10
maximum	2000
Impact	noReset
Displayed(tab/group)	activePhaseMeasReportThreshold

Table 19-4 dormantPhaseTimerForEcgiDiscovery

Name	Value
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.
Type	Integer
Default	5
minimum	5
maximum	60
Units	min
Impact	noReset
Displayed(tab/group)	dormantPhaseTimerForEcgiDiscovery

Table 19-5 drxCycleForReportCGI

Name	Value
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.

Type	• sf320
	  • value: 0
	  • displayed: Sf 320
	• sf160
	  • value: 1
	  • displayed: Sf 160

Default	sf160

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Name	Value
Impact	noReset
Displayed(tab/group)	drxCycleForReportCGI

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Table 19-6 id

Name	Value
Description	AutomaticNeighborRelation identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 19-7 uEContributionInWakeUpPhase

Name	Value
Description	This parameter specifies the number of established UEs that will be configured with ANR + ReportCGI measurements during the wake-up phase.
Type	Integer
Default	10
minimum	0
maximum	20
Impact	noReset
Displayed(tab/group)	uEContributionInWakeUpPhase

20 — AutomaticNeighbourRelation

Table 20-1 AutomaticNeighbourRelation parameters

Parameters	
activePhaseMeasReportHysteresis	drxCycleForReportCGI
activePhaseMeasReportThreshold	id
dormantPhaseTimerForEcgiDiscovery	isLcgRemovalAllowed

Table 20-2 activePhaseMeasReportHysteresis

Name	Value
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.
Type	Integer
Default	200
minimum	5
maximum	500
Impact	noReset
Displayed(tab/group)	activePhaseMeasReportHysteresis

Table 20-3 activePhaseMeasReportThreshold

Name	Value
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.
Type	Integer
Default	1000
minimum	10
maximum	2000
Impact	noReset
Displayed(tab/group)	activePhaseMeasReportThreshold

Table 20-4 dormantPhaseTimerForEcgiDiscovery

Name	Value
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.
Type	Integer
Default	5
minimum	5
maximum	60
Units	min
Impact	noReset
Displayed(tab/group)	dormantPhaseTimerForEcgiDiscovery

Table 20-5 drxCycleForReportCGI

Name	Value
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

Type	• sf320
	  • value: 0
	  • displayed: Sf 320
	• sf160
	  • value: 1
	  • displayed: Sf 160

Default	sf160

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	drxCycleForReportCGI

(2 of 2)

Table 20-6 id

Name	Value
Description	AutomaticNeighbourRelation identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 20-7 isLcgRemovalAllowed

Name	Value
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
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	isLcgRemovalAllowed

21 — AutomaticPhysicalCellIdentity

Table 21-1 AutomaticPhysicalCellIdentity parameters

Parameters	
enableMaintenancePeriod	maintenancePeriodStartTime
id	pciAllowedList

Table 21-2 enableMaintenancePeriod

Name	Value
Description	This parameter allows the operator to disable the maintenance period for PCI conflict correction if needed. By default, the maintenace period is enabled.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	enableMaintenancePeriod

Table 21-3 id

Name	Value
Description	AutomaticPhysicalCellIdentity identifier
Type	Integer
access	read-create

(1 of 2)

Name	Value
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

Table 21-4 maintenancePeriodStartTime

Name	Value
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.
Type	Integer
Default	2
minimum	1
maximum	24
Units	h
Impact	noReset
Displayed(tab/group)	maintenancePeriodStartTime

Table 21-5 pciAllowedList

Name	Value
Description	This parameter defines the list of PCI to be used on the cells for a given eNodeB. If the list is empty, the entire range must be considered. PCI value is obtained by using the following formula: PCIvalue = physicalLayerCellIdentityIndex + 3* physicalLayerCellIdentityGroupIndex
Type	List (int)

22 — BeamForming

Table 22-1 BeamForming parameters

Parameters	
broadcastBFWeightXTable broadcastBFWeightYTable id	rRHCalibrationPeriod rRHCalibrationStartSFN

Table 22-2 broadcastBFWeightXTable

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

Table 22-3 broadcastBFWeightYTable

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

Table 22-4 id

Name	Value
Description	BeamForming identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 22-5 rRHCalibrationPeriod

Name	Value
Description	Time period between two consecutive RRH calibrations in number of frames. This value must be a multiple of 4096 (step size).
Type	Long integer
Default	360448
minimum	0
maximum	4096000000
Impact	noReset
Displayed(tab/group)	rRHCalibrationPeriod

Table 22-6 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.
Type	Integer
minimum	0
maximum	4095
Impact	noReset
Displayed(tab/group)	rRHCalibrationStartSFN

23 — BlackCellConf

Table 23-1 BlackCellConf parameters

Parameters	
id range	start

Table 23-2 id

Name	Value
Description	BlackCellConf identifier
Type	Integer
access	read-create
minimum	0
maximum	15
Mandatory on create	Yes
Displayed(tab/group)	id

Table 23-3 range

Name	Value
Description	This parameter indicates the number of physical cell identities in the range (including start). Value n4 corresponds with 4, n8 corresponds with 8 and so on. The UE applies value 1 in case the field is absent, in which case only the physical cell identity value indicated by start is applied. See 3GPP 36.331.

Type	• n4
	  • value: 0
	  • displayed: 4 Cell Identities
	• n8
	  • value: 1
	  • displayed: 8 Cell Identities
	• n12
	  • value: 2
	  • displayed: 12 Cell Identities
	• n16
	  • value: 3
	  • displayed: 16 Cell Identities
	• n24
	  • value: 4
	  • displayed: 24 Cell Identities
	• n32
	  • value: 5
	  • displayed: 32 Cell Identities
	• n48
	  • value: 6
	  • displayed: 48 Cell Identities
	• n64
	  • value: 7
	  • displayed: 64 Cell Identities
	• n84
	  • value: 8
	  • displayed: 84 Cell Identities
	• n96
	  • value: 9
	  • displayed: 96 Cell Identities
	• n128
	  • value: 10
	  • displayed: 128 Cell Identities
	• n168
	  • value: 11
	  • displayed: 168 Cell Identities
	• n252
	  • value: 12
	  • displayed: 252 Cell Identities
	• n504
	  • value: 13
	  • displayed: 504 Cell Identities

Impact	noReset
Displayed(tab/group)	range
Note: The value of this parameter can be unset.	

Table 23-4 start

Name	Value
Description	This parameter indicates the lowest physical cell identity in the range. See 3GPP 36.331.
Type	Integer
minimum	0
maximum	503
Impact	noReset
Displayed(tab/group)	start

24 — BscAccess

Table 24-1 BscAccess parameters

Parameters	
id plmnMobileCountryCode plmnMobileNetworkCode	rdnId rimForNaccEnabled

Table 24-2 id

Name	Value
Description	User friendly name of the GERAN BSC Note min is changed to 1 to force the Operator to give well-defined value
Type	string
access	read-create
minimum	1
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	id

Table 24-3 plmnMobileCountryCode

Name	Value
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

Type	• default
	  • value: 0
	  • displayed: 0 - Default
	  • not selectable
	• select
	  • value: 1
	  • displayed: Select Mobile Country Code
	  • not selectable
	• gr
	  • value: 202
	  • displayed: 202 - Greece
	• nl
	  • value: 204
	  • displayed: 204 - Netherlands
	• be
	  • value: 206
	  • displayed: 206 - Belgium
	• fr
	  • value: 208
	  • displayed: 208 - France
	• mc
	  • value: 212
	  • displayed: 212 - Monaco
	• ad
	  • value: 213
	  • displayed: 213 - Andorra
	• es
	  • value: 214
	  • displayed: 214 - Spain
	• hu
	  • value: 216
	  • displayed: 216 - Hungary
	• ba
	  • value: 218
	  • displayed: 218 - Bosnia and Herzegovina
	• hr
	  • value: 219
	  • displayed: 219 - Croatia
	• rs
	  • value: 220
	  • displayed: 220 - Serbia (Republic of)
	• it
	  • value: 222
	  • displayed: 222 - Italy
	• va
	  • value: 225
	  • displayed: 225 - Vatican City State

(1 of 14)

Name	Value

Type (continued)	• ro
	  • value: 226
	  • displayed: 226 - Romania
	• ch
	  • value: 228
	  • displayed: 228 - Switzerland
	• cz
	  • value: 230
	  • displayed: 230 - Czech Republic
	• sk
	  • value: 231
	  • displayed: 231 - Slovakia
	• at
	  • value: 232
	  • displayed: 232 - Austria
	• gb2
	  • value: 234
	  • displayed: 234 - United Kingdom (2)
	• gb1
	  • value: 235
	  • displayed: 235 - United Kingdom (1)
	• dk
	  • value: 238
	  • displayed: 238 - Denmark
	• se
	  • value: 240
	  • displayed: 240 - Sweden
	• no
	  • value: 242
	  • displayed: 242 - Norway
	• fi
	  • value: 244
	  • displayed: 244 - Finland
	• lt
	  • value: 246
	  • displayed: 246 - Lithuania
	• lv
	  • value: 247
	  • displayed: 247 - Latvia
	• ee
	  • value: 248
	  • displayed: 248 - Estonia
	• ru
	  • value: 250
	  • displayed: 250 - Russian Federation
	• ua
	  • value: 255
	  • displayed: 255 - Ukraine
	• by
	  • value: 257
	  • displayed: 257 - Belarus
	• md
	  • value: 259
	  • displayed: 259 - Moldova

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Name	Value

Type (continued)	• pl
	  • value: 260
	  • displayed: 260 - Poland
	• de
	  • value: 262
	  • displayed: 262 - Germany
	• gi
	  • value: 266
	  • displayed: 266 - Gibraltar (UK)
	• pt
	  • value: 268
	  • displayed: 268 - Portugal
	• lu
	  • value: 270
	  • displayed: 270 - Luxembourg
	• ie
	  • value: 272
	  • displayed: 272 - Ireland
	• is
	  • value: 274
	  • displayed: 274 - Iceland
	• al
	  • value: 276
	  • displayed: 276 - Albania
	• mt
	  • value: 278
	  • displayed: 278 - Malta
	• cy
	  • value: 280
	  • displayed: 280 - Cyprus
	• ge
	  • value: 282
	  • displayed: 282 - Georgia
	• am
	  • value: 283
	  • displayed: 283 - Armenia
	• bg
	  • value: 284
	  • displayed: 284 - Bulgaria
	• tr
	  • value: 286
	  • displayed: 286 - Turkey
	• fo
	  • value: 288
	  • displayed: 288 - Faroe Islands (Denmark)
	• ak
	  • value: 289
	  • displayed: 289 - Abkhazia (Georgia)
	• gl
	  • value: 290
	  • displayed: 290 - Greenland (Denmark)
	• sm
	  • value: 292
	  • displayed: 292 - San Marino

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Name	Value

Type (continued)	• si
	  • value: 293
	  • displayed: 293 - Slovenia
	• mk
	  • value: 294
	  • displayed: 294 - Republic of Macedonia
	• li
	  • value: 295
	  • displayed: 295 - Liechtenstein
	• me
	  • value: 297
	  • displayed: 297 - Montenegro (Republic of)
	• ca
	  • value: 302
	  • displayed: 302 - Canada
	• pm
	  • value: 308
	  • displayed: 308 - Saint Pierre et Miquelon (France)
	• us1
	  • value: 310
	  • displayed: 310 - United States of America (1)
	• us2
	  • value: 311
	  • displayed: 311 - United States of America (2)
	• us3
	  • value: 312
	  • displayed: 312 - United States of America (3)
	• us4
	  • value: 313
	  • displayed: 313 - United States of America (4)
	• us5
	  • value: 314
	  • displayed: 314 - United States of America (5)
	• us6
	  • value: 315
	  • displayed: 315 - United States of America (6)
	• us7
	  • value: 316
	  • displayed: 316 - United States of America (7)
	• pr
	  • value: 330
	  • displayed: 330 - Puerto Rico (US)
	• vi
	  • value: 332
	  • displayed: 332 - United States Virgin Islands (US)
	• mx
	  • value: 334
	  • displayed: 334 - Mexico
	• jm
	  • value: 338
	  • displayed: 338 - Jamaica
	• gp
	  • value: 340
	  • displayed: 340 - Guadeloupe et Martinique (France)

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Name	Value

Type (continued)	• bb
	  • value: 342
	  • displayed: 342 - Barbados
	• ag
	  • value: 344
	  • displayed: 344 - Antigua and Barbuda
	• ky
	  • value: 346
	  • displayed: 346 - Cayman Islands (UK)
	• vg
	  • value: 348
	  • displayed: 348 - British Virgin Islands (UK)
	• bm
	  • value: 350
	  • displayed: 350 - Bermuda (UK)
	• gd
	  • value: 352
	  • displayed: 353 - Grenada
	• ms
	  • value: 354
	  • displayed: 354 - Montserrat (UK)
	• kn
	  • value: 356
	  • displayed: 356 - Saint Kitts and Nevis
	• lc
	  • value: 358
	  • displayed: 358 - Saint Lucia
	• vc
	  • value: 360
	  • displayed: 360 - Saint Vincent and the Grenadines
	• an
	  • value: 362
	  • displayed: 362 - Netherlands Antilles (Netherlands)
	• aw
	  • value: 363
	  • displayed: 363 - Aruba (Netherlands)
	• bs
	  • value: 364
	  • displayed: 364 - Bahamas
	• ai
	  • value: 365
	  • displayed: 365 - Anguilla
	• dm
	  • value: 366
	  • displayed: 366 - Dominica
	• cu
	  • value: 368
	  • displayed: 368 - Cuba
	• do
	  • value: 370
	  • displayed: 370 - Dominican Republic
	• ht
	  • value: 372
	  • displayed: 372 - Haiti

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Name	Value

Type (continued)	• tt
	  • value: 374
	  • displayed: 374 - Trinidad and Tobago
	• tc
	  • value: 376
	  • displayed: 376 - Turks and Caicos Islands (UK)
	• az
	  • value: 400
	  • displayed: 400 - Azerbaijani Republic
	• kz
	  • value: 401
	  • displayed: 401 - Kazakhstan
	• bt
	  • value: 402
	  • displayed: 402 - Bhutan
	• in1
	  • value: 404
	  • displayed: 404 - India (1)
	• in2
	  • value: 405
	  • displayed: 405 - India (2)
	• pk
	  • value: 410
	  • displayed: 410 - Pakistan
	• af
	  • value: 412
	  • displayed: 412 - Afghanistan
	• lk
	  • value: 413
	  • displayed: 413 - Sri Lanka
	• mm
	  • value: 414
	  • displayed: 414 - Myanmar
	• lb
	  • value: 415
	  • displayed: 415 - Lebanon
	• jo
	  • value: 416
	  • displayed: 416 - Jordan
	• sy
	  • value: 417
	  • displayed: 417 - Syria
	• iq
	  • value: 418
	  • displayed: 418 - Iraq
	• kw
	  • value: 419
	  • displayed: 419 - Kuwait
	• sa
	  • value: 420
	  • displayed: 420 - Saudi Arabia
	• ye
	  • value: 421
	  • displayed: 421 - Yemen

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Name	Value

Type (continued)	• om
	  • value: 422
	  • displayed: 422 - Oman
	• ps
	  • value: 423
	  • displayed: 423 - Palestine
	• ae1
	  • value: 424
	  • displayed: 424 - United Arab Emirates
	• il
	  • value: 425
	  • displayed: 425 - Israel
	• bh
	  • value: 426
	  • displayed: 426 - Bahrain
	• qa
	  • value: 427
	  • displayed: 427 - Qatar
	• mn
	  • value: 428
	  • displayed: 428 - Mongolia
	• np
	  • value: 429
	  • displayed: 429 - Nepal
	• ae2
	  • value: 430
	  • displayed: 430 - United Arab Emirates (Abu Dhabi)
	• ae3
	  • value: 431
	  • displayed: 431 - United Arab Emirates (Dubai)
	• ir
	  • value: 432
	  • displayed: 432 - Iran
	• uz
	  • value: 434
	  • displayed: 434 - Uzbekistan
	• tj
	  • value: 436
	  • displayed: 436 - Tajikistan
	• kg
	  • value: 437
	  • displayed: 437 - Kyrgyz Republic
	• tm
	  • value: 438
	  • displayed: 438 - Turkmenistan
	• jp2
	  • value: 440
	  • displayed: 440 - Japan (2)
	• jp1
	  • value: 441
	  • displayed: 441 - Japan (1)
	• kr
	  • value: 450
	  • displayed: 450 - Korea, South

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Name	Value

Type (continued)	• vn
	  • value: 452
	  • displayed: 452 - Viet Nam
	• hk
	  • value: 454
	  • displayed: 454 - Hong Kong (PRC)
	• mo
	  • value: 455
	  • displayed: 455 - Macau (PRC)
	• kh
	  • value: 456
	  • displayed: 456 - Cambodia
	• la
	  • value: 457
	  • displayed: 457 - Laos
	• cn
	  • value: 460
	  • displayed: 460 - China
	• tw
	  • value: 466
	  • displayed: 466 - Taiwan
	• kp
	  • value: 467
	  • displayed: 467 - Korea, North
	• bd
	  • value: 470
	  • displayed: 470 - Bangladesh
	• mv
	  • value: 472
	  • displayed: 472 - Maldives
	• my
	  • value: 502
	  • displayed: 502 - Malaysia
	• au
	  • value: 505
	  • displayed: 505 - Australia
	• id
	  • value: 510
	  • displayed: 510 - Indonesia
	• tl
	  • value: 514
	  • displayed: 514 - East Timor
	• ph
	  • value: 515
	  • displayed: 515 - Philippines
	• th
	  • value: 520
	  • displayed: 520 - Thailand
	• sg
	  • value: 525
	  • displayed: 525 - Singapore
	• bn
	  • value: 528
	  • displayed: 528 - Brunei Darussalam

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Name	Value

Type (continued)	• nz
	  • value: 530
	  • displayed: 530 - New Zealand
	• mp
	  • value: 534
	  • displayed: 534 - Northern Mariana Islands (US)
	• gu
	  • value: 535
	  • displayed: 535 - Guam (US)
	• nr
	  • value: 536
	  • displayed: 536 - Nauru
	• pg
	  • value: 537
	  • displayed: 537 - Papua New Guinea
	• to
	  • value: 539
	  • displayed: 539 - Tonga
	• sb
	  • value: 540
	  • displayed: 540 - Solomon Islands
	• vu
	  • value: 541
	  • displayed: 541 - Vanuatu
	• fj
	  • value: 542
	  • displayed: 542 - Fiji
	• wf
	  • value: 543
	  • displayed: 543 - Wallis et Futuna (France)
	• as
	  • value: 544
	  • displayed: 544 - American Samoa (US)
	• ki
	  • value: 545
	  • displayed: 545 - Kiribati
	• nc
	  • value: 546
	  • displayed: 546 - New Caledonia (France)
	• pf
	  • value: 547
	  • displayed: 547 - French Polynesia (France)
	• ck
	  • value: 548
	  • displayed: 548 - Cook Islands (NZ)
	• ws
	  • value: 549
	  • displayed: 549 - Samoa
	• fm
	  • value: 550
	  • displayed: 550 - Federated States of Micronesia
	• mh
	  • value: 551
	  • displayed: 551 - Marshall Islands

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Name	Value

Type (continued)	• pw
	  • value: 552
	  • displayed: 552 - Palau
	• eg
	  • value: 602
	  • displayed: 602 - Egypt
	• dz
	  • value: 603
	  • displayed: 603 - Algeria
	• ma
	  • value: 604
	  • displayed: 604 - Morocco
	• tn
	  • value: 605
	  • displayed: 605 - Tunisia
	• ly
	  • value: 606
	  • displayed: 606 - Libya
	• gm
	  • value: 607
	  • displayed: 607 - Gambia
	• sn
	  • value: 608
	  • displayed: 608 - Senegal
	• mr
	  • value: 609
	  • displayed: 609 - Mauritania
	• ml
	  • value: 610
	  • displayed: 610 - Mali
	• gn
	  • value: 611
	  • displayed: 611 - Guinea
	• ci
	  • value: 612
	  • displayed: 612 - Cote d'Ivoire
	• bf
	  • value: 613
	  • displayed: 613 - Burkina Faso
	• ne
	  • value: 614
	  • displayed: 614 - Niger
	• tg
	  • value: 615
	  • displayed: 615 - Togolese Republic
	• bj
	  • value: 616
	  • displayed: 616 - Benin
	• mu
	  • value: 617
	  • displayed: 617 - Mauritius
	• lr
	  • value: 618
	  • displayed: 618 - Liberia

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Name	Value

Type (continued)	• sl
	  • value: 619
	  • displayed: 619 - Sierra Leone
	• gh
	  • value: 620
	  • displayed: 620 - Ghana
	• ng
	  • value: 621
	  • displayed: 621 - Nigeria
	• td
	  • value: 622
	  • displayed: 622 - Chad
	• cf
	  • value: 623
	  • displayed: 623 - Central African Republic
	• cm
	  • value: 624
	  • displayed: 624 - Cameroon
	• cv
	  • value: 625
	  • displayed: 625 - Cape Verde
	• st
	  • value: 626
	  • displayed: 626 - Sao Tome and Principe
	• gq
	  • value: 627
	  • displayed: 627 - Equatorial Guinea
	• ga
	  • value: 628
	  • displayed: 628 - Gabonese Republic
	• cg
	  • value: 629
	  • displayed: 629 - Republic of the Congo
	• cd
	  • value: 630
	  • displayed: 630 - Democratic Republic of the Congo
	• ao
	  • value: 631
	  • displayed: 631 - Angola
	• gw
	  • value: 632
	  • displayed: 632 - Guinea-Bissau
	• sc
	  • value: 633
	  • displayed: 633 - Seychelles
	• sd
	  • value: 634
	  • displayed: 634 - Sudan
	• rw
	  • value: 635
	  • displayed: 635 - Rwandese Republic
	• et
	  • value: 636
	  • displayed: 636 - Ethiopia

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Name	Value

Type (continued)	• so
	  • value: 637
	  • displayed: 637 - Somalia
	• dj
	  • value: 638
	  • displayed: 638 - Djibouti
	• ke
	  • value: 639
	  • displayed: 639 - Kenya
	• tz
	  • value: 640
	  • displayed: 640 - Tanzania
	• ug
	  • value: 641
	  • displayed: 641 - Uganda
	• bi
	  • value: 642
	  • displayed: 642 - Burundi
	• mz
	  • value: 643
	  • displayed: 643 - Mozambique
	• zm
	  • value: 645
	  • displayed: 645 - Zambia
	• mg
	  • value: 646
	  • displayed: 646 - Madagascar
	• re
	  • value: 647
	  • displayed: 647 - Reunion (France)
	• zw
	  • value: 648
	  • displayed: 648 - Zimbabwe
	• na
	  • value: 649
	  • displayed: 649 - Namibia
	• mw
	  • value: 650
	  • displayed: 650 - Malawi
	• ls
	  • value: 651
	  • displayed: 651 - Lesotho
	• bw
	  • value: 652
	  • displayed: 652 - Botswana
	• sz
	  • value: 653
	  • displayed: 653 - Swaziland
	• km
	  • value: 654
	  • displayed: 654 - Comoros
	• za
	  • value: 655
	  • displayed: 655 - South Africa

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Name	Value

Type (continued)	• er
	  • value: 657
	  • displayed: 657 - Eritrea
	• bz
	  • value: 702
	  • displayed: 702 - Belize
	• gt
	  • value: 704
	  • displayed: 704 - Guatemala
	• sv
	  • value: 706
	  • displayed: 706 - El Salvador
	• hn
	  • value: 708
	  • displayed: 708 - Honduras
	• ni
	  • value: 710
	  • displayed: 710 - Nicaragua
	• cr
	  • value: 712
	  • displayed: 712 - Costa Rica
	• pa
	  • value: 714
	  • displayed: 714 - Panama
	• pe
	  • value: 716
	  • displayed: 716 - Peru
	• ar
	  • value: 722
	  • displayed: 722 - Argentine Republic
	• br
	  • value: 724
	  • displayed: 724 - Brazil
	• cl
	  • value: 730
	  • displayed: 730 - Chile
	• co
	  • value: 732
	  • displayed: 732 - Colombia
	• ve
	  • value: 734
	  • displayed: 734 - Venezuela
	• bo
	  • value: 736
	  • displayed: 736 - Bolivia
	• gy
	  • value: 738
	  • displayed: 738 - Guyana
	• ec
	  • value: 740
	  • displayed: 740 - Ecuador
	• gf
	  • value: 742
	  • displayed: 742 - French Guiana (France)

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Name	Value

Type (continued)	• py
	  • value: 744
	  • displayed: 744 - Paraguay
	• sr
	  • value: 746
	  • displayed: 746 - Suriname
	• uy
	  • value: 748
	  • displayed: 748 - Uruguay
	• fk
	  • value: 750
	  • displayed: 750 - Falkland Islands (Malvinas)

Default	select
Impact	noReset
Displayed(tab/group)	plmnMobileCountryCode

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Table 24-4 plmnMobileNetworkCode

Name	Value
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
Type	string
Default	00
minimum	2
maximum	3
Impact	noReset
Displayed(tab/group)	plmnMobileNetworkCode

Table 24-5 rdnId

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	31
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 24-6 rimForNaccEnabled

Name	Value
Description	Flag to indicate whether the RIM for NACC feature is supported by the BSC or not.
Type	boolean
Impact	noReset
Displayed(tab/group)	rimForNaccEnabled

25 — CallTraceDirectory

Table 25-1 id

Name	Value
Description	Unique ID for this object type.
Type	Long integer
access	read-create
Default	0
minimum	1
maximum	2147483647

26 — CallTraceSessionManager

Table 26-1 CallTraceSessionManager parameters

Parameters	
callTraceUdpPort diskUsageAlarmSeverity diskUsageThreashold	fileRetentionTime rolloverTime

Table 26-2 callTraceUdpPort

Name	Value
Type	Integer
Default	57074
minimum	49152
maximum	65535
Displayed(tab/group)	Call Trace UDP Port

Table 26-3 diskUsageAlarmSeverity

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

Type	• noalarm
	  • value: -1
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• cleared
	  • value: 1
	• indeterminate
	  • value: 2
	• info
	  • value: 3
	• condition
	  • value: 4
	• warning
	  • value: 5
	• minor
	  • value: 6
	• major
	  • value: 7
	• critical
	  • value: 8

Default	minor
Displayed(tab/group)	Disk Usage Alarm Severity

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Table 26-4 diskUsageThreashold

Name	Value
Type	Integer
Default	80
minimum	1
maximum	95
Units	%
Displayed(tab/group)	Disk Usage Alarm Threshold

Table 26-5 fileRetentionTime

Name	Value
Type	Integer
Default	168
minimum	1
maximum	336
Units	hrs
Displayed(tab/group)	File Retention Time

Table 26-6 rolloverTime

Name	Value
Type	Integer
Default	15
minimum	1
maximum	60
Units	min
Displayed(tab/group)	File Rollover Time

27 — Capacity

Table 27-1 Capacity parameters

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

Table 27-2 id

Name	Value
Description	Capacity MO identifier for licensing feature.
Type	Integer
access	read-create
minimum	1
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

Table 27-3 isDlBandwidth10MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	true
Displayed(tab/group)	isDlBandwidth10MhzAllowed

Table 27-4 isDlBandwidth15MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	true
Displayed(tab/group)	isDlBandwidth15MhzAllowed

Table 27-5 isDlBandwidth1MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	true
Displayed(tab/group)	isDlBandwidth1MhzAllowed

Table 27-6 isDlBandwidth20MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	true
Displayed(tab/group)	isDlBandwidth20MhzAllowed

Table 27-7 isDlBandwidth3MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	true
Displayed(tab/group)	isDlBandwidth3MhzAllowed

Table 27-8 isDlBandwidth5MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	true
Displayed(tab/group)	isDlBandwidth5MhzAllowed

Table 27-9 isUlBandwidth10MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	true
Displayed(tab/group)	isUlBandwidth10MhzAllowed

Table 27-10 isUlBandwidth15MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	true
Displayed(tab/group)	isUlBandwidth15MhzAllowed

Table 27-11 isUlBandwidth1MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	true
Displayed(tab/group)	isUlBandwidth1MhzAllowed

Table 27-12 isUlBandwidth20MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	true
Displayed(tab/group)	isUlBandwidth20MhzAllowed

Table 27-13 isUlBandwidth3MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	true
Displayed(tab/group)	isUlBandwidth3MhzAllowed

Table 27-14 isUlBandwidth5MhzAllowed

Name	Value
Description	Feature token to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	true
Displayed(tab/group)	isUlBandwidth5MhzAllowed

Table 27-15 maxNbOfCallCapacityLicensing

Name	Value
Description	Feature token to identify the maximum number of calls capacity that is allowed.
Type	string
Default	infinite
Displayed(tab/group)	maxNbOfCallCapacityLicensing

Table 27-16 transmissionPowerCapacityLicensing

Name	Value
Description	Feature token to identify the transmission power capacity that is allowed.
Type	string
Default	infinite
Displayed(tab/group)	transmissionPowerCapacityLicensing

28 — Cdma2000NeigbhorCellInfo

Table 28-1 Cdma2000NeigbhorCellInfo parameters

Parameters	
bandClass	id

Table 28-2 bandClass

Name	Value
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)

Type	• 1_8_to_2_0_GHz_PCS
	  • value: 0
	  • displayed: 1.8 to 2.0 GHz PCS
	• 800MHz_cellular
	  • value: 1
	  • displayed: 800 MHz Cellular

Default	800MHz_cellular
Impact	partialReset
Displayed(tab/group)	bandClass

Table 28-3 id

Name	Value
Description	Cdma2000NeigbhorCellInfo identifier
Type	Integer
access	read-create
minimum	0
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

29 — Cdma2000NeigbhorCellsPerBandclass

Table 29-1 Cdma2000NeigbhorCellsPerBandclass parameters

Parameters	
frequency id	pnOffsetList

Table 29-2 frequency

Name	Value
Description	3GPP 36.331. This parameter is the carrier frequency within a CDMA2000 bandclass.
Type	Integer
minimum	0
maximum	2047
Impact	partialReset
Displayed(tab/group)	frequency

Table 29-3 id

Name	Value
Description	Cdma2000NeigbhorCellsPerBandclass identifier
Type	Integer

(1 of 2)

Name	Value
access	read-create
minimum	0
maximum	2
Mandatory on create	Yes
Displayed(tab/group)	id

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Table 29-4 pnOffsetList

Name	Value
Description	3GPP 36.331. This parameter is a list of "physical HRPD cell identities" for the given frequency. The HRPD cell ID is via PN offset 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.
Type	List (int)
Units	PN offset
Impact	partialReset

30 — Cdma2000NeighborCellInfo

Table 30-1 Cdma2000NeighborCellInfo parameters

Parameters	
bandClass	id

Table 30-2 bandClass

Name	Value
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)

Type	• 1_8_to_2_0_GHz_PCS
	  • value: 0
	  • displayed: 1.8 to 2.0 GHz PCS
	• 800MHz_cellular
	  • value: 1
	  • displayed: 800 MHz Cellular

Default	800MHz_cellular
Impact	fullReset
Displayed(tab/group)	bandClass

Table 30-3 id

Name	Value
Description	Cdma2000NeighborCellInfo identifier
Type	Integer
access	read-create
minimum	0
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

31 — Cdma2000NeighborCellsPerBandclass

Table 31-1 Cdma2000NeighborCellsPerBandclass parameters

Parameters	
frequency id	pnOffsetList

Table 31-2 frequency

Name	Value
Description	3GPP 36.331. This parameter (corresponds to arfcn in 36.331) is the carrier frequency within a CDMA2000 bandclass.
Type	Integer
minimum	0
maximum	2047
Impact	noReset
Displayed(tab/group)	frequency

Table 31-3 id

Name	Value
Description	Cdma2000NeighborCellsPerBandclass identifier
Type	Integer

(1 of 2)

Name	Value
access	read-create
minimum	0
maximum	2
Mandatory on create	Yes
Displayed(tab/group)	id

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Table 31-4 pnOffsetList

Name	Value
Description	3GPP 36.331. This parameter (corresponds to physCellIdList in 36.331) is a list of PN Offsets representing the Physical cell identities in CDMA2000. PN Offset is the timing of the CDMA2000 cell short codes relative to system time; the unit is PN offset, which is (CDMA pilot) Pseudo Noise sequence offset in units of 64 PN chips.
Type	List (int)
Units	PN offset
Impact	noReset

32 — CdmaPhaseSync

Table 32-1 id

Name	Value
Description	CdmaPhaseSync identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

33 — CellActivationService

Table 33-1 CellActivationService parameters

Parameters	
id	isFiberDelayAllowed

Table 33-2 id

Name	Value
Description	CellActivationService identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 33-3 isFiberDelayAllowed

Name	Value
Description	This parameter enables or disables support for large delay between modem and RF head or to the antenna.
Type	boolean

(1 of 2)

Name	Value
Default	false
Impact	partialReset
Displayed(tab/group)	isFiberDelayAllowed

(2 of 2)

34 — CellicicConf

Table 34-1 CellicicConf parameters

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

Table 34-2 id

Name	Value
Description	CellicicConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 34-3 numberOfPRBsForDynamicallyScheduledPUSCHForCentralRegion

Name	Value
Description	Defines the size of the PRB block allowed to be used in the cell by the UL dynamic scheduler, in the RACH region.
Type	Integer
Default	16
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	numberOfPRBsForDynamicallyScheduledPUSCHForCentralRegion

Table 34-4 numberOfPRBsForDynamicallyScheduledPUSCHForRACHRegion

Name	Value
Description	Defines the size of the PRB block allowed to be used in the cell by the UL dynamic scheduler, in the RACH region.
Type	Integer
Default	6
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	numberOfPRBsForDynamicallyScheduledPUSCHForRACHRegion

Table 34-5 numberOfPRBsPreferredZone700MHzUpperC

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	numberOfPRBsPreferredZone700MHzUpperC

Table 34-6 pRBStartIndexForDynamicPUSCHForCentralRegion

Name	Value
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.
Type	Integer
Default	20
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	pRBStartIndexForDynamicPUSCHForCentralRegion

Table 34-7 pRBStartIndexForDynamicPUSCHForRACHRegion

Name	Value
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.
Type	Integer
Default	2
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	pRBStartIndexForDynamicPUSCHForRACHRegion

Table 34-8 pRBStartingIndexPreferredZone700MHzUpperC

Name	Value
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.
Type	Integer
Default	22
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	pRBStartingIndexPreferredZone700MHzUpperC

Table 34-9 sFFRfrequencyShapingOffset

Name	Value
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
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	0
maximum	20
Impact	partialReset
Displayed(tab/group)	sFFRfrequencyShapingOffset

Table 34-10 sFFRtransmitPSDOffset

Name	Value
Description	Transmit PSD offset between interference-bearing zone and non interference bearing zone
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0
maximum	20
Units	dB
Impact	partialReset
Displayed(tab/group)	sFFRtransmitPSDOffset

Table 34-11 ulICICMode

Name	Value
Description	defines ICIC scheme. static1_1(0), static1_3(1), SFFR(2)

Type	• SFFR
	  • value: 0
	  • displayed: SFFR
	• static1_3
	  • value: 1
	  • displayed: Static 1:3
	• static1_1
	  • value: 2
	  • displayed: Static 1:1

	•
	•

(1 of 2)

Name	Value

Type (continued)	• static1_2
	  • value: 3
	  • displayed: Static 1:2

Default	static1_1
Impact	partialReset
Displayed(tab/group)	ulICICMode

(2 of 2)

Table 34-12 ulICICPLhysteresisAdd

Name	Value
Description	Hysteresis for removing a UE to the cell edge user group in dB
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	0
maximum	20
Units	dB
Impact	partialReset
Displayed(tab/group)	ulICICPLhysteresisAdd

Table 34-13 ulICICPLhysteresisDrop

Name	Value
Description	Hysteresis for removing a UE to the cell edge user group in dB
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	0
maximum	20
Units	dB
Impact	partialReset
Displayed(tab/group)	ulICICPLhysteresisDrop

Table 34-14 ullCICPLthreshold

Name	Value
Description	UL path loss threshold to define interior / edge user in dB
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	-150
maximum	0
Impact	partialReset
Displayed(tab/group)	ullCICPLthreshold

Table 34-15 ullCIChysteresisTime

Name	Value
Description	Defines the hysteresis time for adding or removing users in edge user group in ms
Type	Integer
Default	500
minimum	0
maximum	1000
Units	ms
Impact	partialReset
Displayed(tab/group)	ullCIChysteresisTime

35 — CellicicConfTDD

Table 35-1 CellicicConfTDD parameters

Parameters	
dlICICRachMsg4StartPRBIndex dlICICSibxStartPRBIndex	id

Table 35-2 dlICICRachMsg4StartPRBIndex

Name	Value
Description	Starting PRB index for message4 area. '-1' means ignoring this parameter.
Type	Integer
Default	-1
minimum	-1
maximum	99
Impact	partialReset
Displayed(tab/group)	dlICICRachMsg4StartPRBIndex

Table 35-3 dlICICSibxStartPRBIndex

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

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Name	Value
Default	-1
minimum	-1
maximum	99
Impact	partialReset
Displayed(tab/group)	dlICICSibxStartPRBIndex

(2 of 2)

Table 35-4 id

Name	Value
Description	CellicicConfTDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

36 — CellL1DLConf

Table 36-1 CellL1DLConf parameters

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

Table 36-2 id

Name	Value
Description	CellL1DLConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 36-3 pBCHPowerOffset

Name	Value
Description	Provides the power offset of the PBCH compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pBCHPowerOffset

Table 36-4 pCFICHPowerOffset

Name	Value
Description	Provides the power offset of the PCFICH compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pCFICHPowerOffset

Table 36-5 pDCCHPowerOffsetSymbol1

Name	Value
Description	Provides the power offset of the PDCCH RE of the first OFDM symbol compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pDCCHPowerOffsetSymbol1

Table 36-6 pDCCHPowerOffsetSymbol2and3

Name	Value
Description	Provides the power offset of the PDCCH RE of the second & third OFDM symbol compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pDCCHPowerOffsetSymbol2and3

Table 36-7 pHICHPowerOffset

Name	Value
Description	Provides the power offset of the PHICH when fully loaded compared to the Cell Reference Power.
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pHICHPowerOffset

Table 36-8 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]

Type	• dB0
	  • value: 0
	  • displayed: 0 dB
	• dB1
	  • value: 1
	  • displayed: 1 dB
	• dB_4dot77
	  • value: 2
	  • displayed: -4.77 dB
	• dB2
	  • value: 3
	  • displayed: 2 dB

(1 of 2)

Name	Value

Type (continued)	• dB_6
	  • value: 4
	  • displayed: -6 dB
	• dB3
	  • value: 5
	  • displayed: 3 dB
	• dB_3
	  • value: 6
	  • displayed: -3 dB
	• dB_1dot77
	  • value: 7
	  • displayed: -1.77 dB

Impact	partialReset
Displayed(tab/group)	paOffsetPdsch

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Table 36-9 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.

Type	• pb3
	  • value: 0
	  • displayed: Pb 3
	• pb1
	  • value: 1
	  • displayed: Pb 1
	• pb2
	  • value: 2
	  • displayed: Pb 2
	• pb0
	  • value: 3
	  • displayed: Pb 0

Impact	partialReset
Displayed(tab/group)	pbOffsetPdsch

Table 36-10 phichResource

Name	Value
Description	Parameter: Ng, see TS 36.211, 6.9

Type	• two
	  • value: 0
	  • displayed: Two

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Name	Value

Type (continued)	• one
	  • value: 1
	  • displayed: One
	• half
	  • value: 2
	  • displayed: Half
	• oneSixth
	  • value: 3
	  • displayed: One Sixth

Impact	partialReset
Displayed(tab/group)	phichResource

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Table 36-11 primarySyncSignalPowerOffset

Name	Value
Description	Provides the power offset of the Primary Synchronization Signal compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	primarySyncSignalPowerOffset

Table 36-12 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.
Type	Integer
minimum	-60
maximum	50
Units	dBm
Impact	partialReset
Displayed(tab/group)	referenceSignalPower

Table 36-13 secondarySyncSignalPowerOffset

Name	Value
Description	Provides the power offset of the Secondary Synchronization Signal compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	secondarySyncSignalPowerOffset

37 — CellL1L2ControlChannelsConf

Table 37-1 CellL1L2ControlChannelsConf parameters

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

Table 37-2 cFI

Name	Value
Description	Provides the number of OFDM symbols (1, 2 or 3) used for transmission of PDCCHs in a subframe as signaled on the PCFICH.
Type	Integer
Default	3
minimum	1
maximum	3
Impact	partialReset
Displayed(tab/group)	cFI

Table 37-3 cFI1Allowed

Name	Value
Description	Flag that enables or disables the choice of CFI=1 (applies only if dynamic CFI functionality is enabled)
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	cFI1Allowed

Table 37-4 cFI2Allowed

Name	Value
Description	Flag that enables or disables the choice of CFI=2 (applies only if dynamic CFI functionality is enabled)
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	cFI2Allowed

Table 37-5 cFI3Allowed

Name	Value
Description	Flag that enables or disables the choice of CFI=3 (applies only if dynamic CFI functionality is enabled)
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	cFI3Allowed

Table 37-6 cFIIncreaseTimer

Name	Value
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)
Type	Integer
Default	40
minimum	1

(1 of 2)

Name	Value
maximum	10000
Impact	partialReset
Displayed(tab/group)	cFIIncreaseTimer

(2 of 2)

Table 37-7 cFIThreshold1

Name	Value
Description	Lower threshold (in number of UE contexts) controlling the choice of CFI (applies only if dynamic CFI functionality is enabled)
Type	Integer
Default	1
minimum	1
maximum	500
Impact	partialReset
Displayed(tab/group)	cFIThreshold1

Table 37-8 cFIThreshold2

Name	Value
Description	Upper threshold (in number of UE contexts) controlling the choice of CFI (applies only if dynamic CFI functionality is enabled)
Type	Integer
Default	3
minimum	1
maximum	500
Impact	partialReset
Displayed(tab/group)	cFIThreshold2

Table 37-9 dynamicCFIEnabled

Name	Value
Description	Flag that enables or disables the dynamic CFI functionality
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	dynamicCFIEnabled

Table 37-10 dynamicPUCCHEnabled

Name	Value
Description	Flag that enables or disables the dynamic PUCCH functionality
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	dynamicPUCCHEnabled

Table 37-11 dynamicPUCCHTimer

Name	Value
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)
Type	Integer
Default	0
minimum	0
maximum	10000
Impact	partialReset
Displayed(tab/group)	dynamicPUCCHTimer

Table 37-12 id

Name	Value
Description	CellL1L2ControlChannelsConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 37-13 isPDCCHpowerControlForULgrantsActive

Name	Value
Description	This parameter provides a switch to enable or disable the power control function for DCI0, DCI3 and grants associated to RACH msg2 transmission.
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	isPDCCHpowerControlForULgrantsActive

Table 37-14 pdcchAggregationLevelForCRNTIGrantsInCommonSearchSpace

Name	Value
Description	Indicates the aggregation level used in the cell for all CRNTI grants in the CommonSearchSpace

Type	• 4
	  • value: 0
	  • displayed: 4
	• 8
	  • value: 1
	  • displayed: 8

Default	4
Impact	partialReset
Displayed(tab/group)	pdcchAggregationLevelForCRNTIGrantsInCommonSearchSpace

Table 37-15 pdcchAggregationLevelForCommonSearchSpace

Name	Value
Description	Indicates the aggregation level used in the cell

Type	• 4
	  • value: 0
	  • displayed: 4
	• 8
	  • value: 1
	  • displayed: 8

Impact	partialReset
Displayed(tab/group)	pdcchAggregationLevelForCommonSearchSpace

Table 37-16 pdcchAggregationLevelForNonCRNTIGrantsInCommonSearchSpace

Name	Value
Description	Indicates the aggregation level used in the cell for all non-CRNTI grants in the CommonSearchSpace

Type	• 4
	  • value: 0
	  • displayed: 4
	• 8
	  • value: 1
	  • displayed: 8

Default	4
Impact	partialReset
Displayed(tab/group)	pdcchAggregationLevelForNonCRNTIGrantsInCommonSearchSpace

Table 37-17 pdcchAggregationLevelForUESearchSpace

Name	Value
Description	Indicates the aggregation level used in the cell

Type	• 2
	  • value: 0
	  • displayed: 2
	• 1
	  • value: 1
	  • displayed: 1
	• 4
	  • value: 2
	  • displayed: 4
	• 8
	  • value: 3
	  • displayed: 8
	• adaptive
	  • value: 4
	  • displayed: Adaptive

Default	4
Impact	partialReset
Displayed(tab/group)	pdcchAggregationLevelForUESearchSpace

Table 37-18 sINRThresholdBetweenAL4andAL8

Name	Value
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.
Type	IP address exclusively (hostname not allowed)

(1 of 2)

Name	Value
Default	30
minimum	-10
maximum	30
Units	dB
Impact	partialReset
Displayed(tab/group)	sINRThresholdBetweenAL4andAL8

(2 of 2)

38 — CellL1ULConfFDD

Table 38-1 CellL1ULConfFDD parameters

Parameters	
cqiReportingModeAperiodic id	nRBCQI

Table 38-2 cqiReportingModeAperiodic

Name	Value
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

Type	• disabled
	  • value: 0
	  • displayed: Disabled
	• rm30
	  • value: 1
	  • displayed: Rm 30
	• rm31
	  • value: 2
	  • displayed: Rm 31
	• rm12
	  • value: 3
	  • displayed: Rm 12

Default	rm31

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	cqiReportingModeAperiodic

(2 of 2)

Table 38-3 id

Name	Value
Description	CellL1ULConfFDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 38-4 nRBCQI

Name	Value
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

Type	• 0
	  • value: 0
	  • displayed: 0
	• 28
	  • value: 1
	  • displayed: 28

Default	0
Impact	partialReset
Displayed(tab/group)	nRBCQI

39 — CellL1ULConf

Table 39-1 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 39-2 betaOffsetACKIndex

Name	Value
Description	Parameter I_HARQ-ACK offset: see TS 36.213 [23, Table 8.6.3-1]
Type	Integer
Default	9

(1 of 2)

Name	Value
minimum	0
maximum	10
Impact	partialReset
Displayed(tab/group)	betaOffsetACKIndex

(2 of 2)

Table 39-3 betaOffsetCQIIndex

Name	Value
Description	Parameter I_CQI offset: see TS 36.213 [23, Table 8.6.3-3]
Type	Integer
Default	8
minimum	2
maximum	9
Impact	partialReset
Displayed(tab/group)	betaOffsetCQIIndex

Table 39-4 betaOffsetRIIndex

Name	Value
Description	Parameter I_RI offset: see TS 36.213 [23, Table 8.6.3-1]
Type	Integer
Default	6
minimum	0
maximum	12
Impact	partialReset
Displayed(tab/group)	betaOffsetRIIndex

Table 39-5 cqiFormatIndicatorPeriodic

Name	Value
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]

Type	• Wideband
	  • value: 0
	  • displayed: Wide Band

(1 of 2)

Name	Value

Type (continued)	• Subband
	  • value: 1
	  • displayed: Sub Band

Default	Wideband
Impact	partialReset
Displayed(tab/group)	cqiFormatIndicatorPeriodic
Note: The value of this parameter can be unset.	

(2 of 2)

Table 39-6 cqiInitPeriod

Name	Value
Description	Initial CQI period to be used

Type	• 10sf
	  • value: 0
	  • displayed: 10 sf
	• 20sf
	  • value: 1
	  • displayed: 20 sf
	• 40sf
	  • value: 2
	  • displayed: 40 sf
	• 80sf
	  • value: 3
	  • displayed: 80 sf

Default	40sf
Impact	partialReset
Displayed(tab/group)	cqiInitPeriod

Table 39-7 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

Type	• rm31
	  • value: 0
	  • displayed: Mode 31
	• rm30
	  • value: 1
	  • displayed: Mode 30
	• disabled
	  • value: 2
	  • displayed: Disabled

(1 of 2)

Name	Value

Type (continued)	• rm12
	  • value: 3
	  • displayed: Mode 12
	• rm20
	  • value: 4
	  • displayed: Mode 20
	• rm22
	  • value: 5
	  • displayed: Mode 22

Impact	partialReset
Displayed(tab/group)	cqiReportingModeAperiodic

(2 of 2)

Table 39-8 deltaOffsetACKIndex

Name	Value
Description	Parameter IHARQ-ACK offset: see TS 36.213 [23, Table 8.6.3-1]
Type	Integer
minimum	0
maximum	15
Impact	partialReset
Displayed(tab/group)	deltaOffsetACKIndex

Table 39-9 deltaOffsetCQIIndex

Name	Value
Description	Parameter ICQI offset: see TS 36.213 [23, Table 8.6.3-1]
Type	Integer
minimum	0
maximum	15
Impact	partialReset
Displayed(tab/group)	deltaOffsetCQIIndex

Table 39-10 deltaOffsetRIIndex

Name	Value
Description	Parameter IRI offset: see TS 36.213 [23, Table 8.6.3-1]
Type	Integer

(1 of 2)

Name	Value
minimum	0
maximum	15
Impact	partialReset
Displayed(tab/group)	deltaOffsetRIIndex

(2 of 2)

Table 39-11 deltaPUCCHShift

Name	Value
Description	Parameter Delta_shift used to define PUCCH configuraiton. See 36.211, 5.4.1

Type	• ds1
	  • value: 0
	  • displayed: Delta Shift 1
	• ds2
	  • value: 1
	  • displayed: Delta Shift 2
	• ds3
	  • value: 2
	  • displayed: Delta Shift 3

Default	ds2
Impact	partialReset
Displayed(tab/group)	deltaPUCCHShift

Table 39-12 dsrTransMax

Name	Value
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.

Type	• n32
	  • value: 0
	  • displayed: 32 Unanswered Requests
	• n4
	  • value: 1
	  • displayed: 4 Unanswered Requests
	• n8
	  • value: 2
	  • displayed: 8 Unanswered Requests
	• n64
	  • value: 3
	  • displayed: 64 Unanswered Requests
	• n16
	  • value: 4
	  • displayed: 16 Unanswered Requests

(1 of 2)

Name	Value
Default	n4
Impact	partialReset
Displayed(tab/group)	dsrTransMax

(2 of 2)

Table 39-13 groupAssignmentPUSCH

Name	Value
Description	Defines PUSCH group assignment parameter Delta_ss in 36.211, section 5.5.1.3. Used in PUSCH reference signal hopping allocation.
Type	Integer
Default	0
minimum	0
maximum	29
Impact	partialReset
Displayed(tab/group)	groupAssignmentPUSCH

Table 39-14 id

Name	Value
Description	CellL1ULConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 39-15 initSrsTransmissionComb

Name	Value
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.
Type	Integer
Default	0

(1 of 2)

Name	Value
minimum	0
maximum	1
Impact	partialReset
Displayed(tab/group)	initSrsTransmissionComb

(2 of 2)

Table 39-16 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

Type	• 1
	  • value: 0
	  • displayed: 1
	• 2
	  • value: 1
	  • displayed: 2
	• 4
	  • value: 2
	  • displayed: 4
	• 8
	  • value: 3
	  • displayed: 8
	• 16
	  • value: 4
	  • displayed: 16
	• 32
	  • value: 5
	  • displayed: 32

Impact	partialReset
Displayed(tab/group)	mRI
Note: The value of this parameter can be unset.	

Table 39-17 n1PucchAN

Name	Value
Description	Defines parameter N^1_PUCCH for PUCCH resource allocation. Used in PUCCH Formats 1A/1B. See TS 36.213, 10.1
Type	Integer
Default	0
minimum	0
maximum	11

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	n1PucchAN

(2 of 2)

Table 39-18 nRBCQI

Name	Value
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
Type	Integer
Default	0
minimum	0
maximum	98
Impact	partialReset
Displayed(tab/group)	nRBCQI

Table 39-19 nbrCQIperTTI

Name	Value
Description	Maximum number of CQIs that can be processed per TTI due to modem processing power limitation
Type	Integer
Default	5
minimum	1
maximum	100
Impact	partialReset
Displayed(tab/group)	nbrCQIperTTI

Table 39-20 nbrSRSperTTI

Name	Value
Description	Maximum number of SRSs that are allowed to be multiplexed per TTI
Type	Integer
Default	4
minimum	1
maximum	16

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	nbrSRSperTTI

(2 of 2)

Table 39-21 nbrSRperTTI

Name	Value
Description	Maximum number of SR that can be processed per TTI due to modem processing power limitation
Type	Integer
Default	6
minimum	1
maximum	100
Impact	partialReset
Displayed(tab/group)	nbrSRperTTI

Table 39-22 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]
Type	Integer
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	puschHoppingOffsetPRBs

Table 39-23 sRPeriodicity

Name	Value
Description	The period of SR transmission on PUCCH, TS36.213 [Table 10.1-5]

Type	• 5ms
	  • value: 0
	  • displayed: 5 ms
	• 10ms
	  • value: 1
	  • displayed: 10 ms

(1 of 2)

Name	Value

Type (continued)	• 20ms
	  • value: 2
	  • displayed: 20 ms
	• 40ms
	  • value: 3
	  • displayed: 40 ms
	• 80ms
	  • value: 4
	  • displayed: 80 ms
	• infinite
	  • value: 5
	  • displayed: Infinite

Default	infinite
Impact	partialReset
Displayed(tab/group)	sRPeriodicity

(2 of 2)

Table 39-24 sRSDuration

Name	Value
Description	Specifies (One shot, Infinite)

Type	• infinite
	  • value: 0
	  • displayed: Infinite
	• oneshot
	  • value: 1
	  • displayed: One Shot

Default	infinite
Impact	partialReset
Displayed(tab/group)	sRSDuration

Table 39-25 sRSTransmissionComb

Name	Value
Description	Defines frequency domain transmission comb for SRS. Parameter k_TC. see TS 36.211 section 5.5.3.2.
Type	Integer
Default	0
minimum	0
maximum	1
Impact	partialReset
Displayed(tab/group)	sRSTransmissionComb

Table 39-26 srInitPeriod

Name	Value
Description	Initial SR period to be used

Type	• 5sf
	  • value: 0
	  • displayed: 5 sf
	• 10sf
	  • value: 1
	  • displayed: 10 sf
	• 20sf
	  • value: 2
	  • displayed: 20 sf
	• 40sf
	  • value: 3
	  • displayed: 40 sf
	• 80sf
	  • value: 4
	  • displayed: 80 sf

Default	10sf
Impact	partialReset
Displayed(tab/group)	srInitPeriod

Table 39-27 srsBandwidthConfiguration

Name	Value
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

Type	• bw2
	  • value: 0
	  • displayed: Bw2
	• bw7
	  • value: 1
	  • displayed: Bw7
	• bw6
	  • value: 2
	  • displayed: Bw6
	• bw3
	  • value: 3
	  • displayed: Bw3
	• bw0
	  • value: 4
	  • displayed: Bw0

Default	bw0
Impact	partialReset
Displayed(tab/group)	srsBandwidthConfiguration

Table 39-28 srsInitPeriod

Name	Value
Description	Initial SRS period to be used

Type	• 5sf
	  • value: 0
	  • displayed: 5 sf
	• 10sf
	  • value: 1
	  • displayed: 10 sf
	• 20sf
	  • value: 2
	  • displayed: 20 sf
	• 40sf
	  • value: 3
	  • displayed: 40 sf
	• 80sf
	  • value: 4
	  • displayed: 80 sf

Default	10sf
Impact	partialReset
Displayed(tab/group)	srsInitPeriod

Table 39-29 startingSROffset

Name	Value
Description	Starting position of the SR subframe offset allocation
Type	Integer
Default	0
minimum	0
maximum	9
Impact	partialReset
Displayed(tab/group)	startingSROffset

Table 39-30 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
Type	Integer
minimum	1
maximum	4

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	subbandCQIk
Note: The value of this parameter can be unset.	

(2 of 2)

Table 39-31 uClandSRSAdjustAllowed

Name	Value
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.
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	uClandSRSAdjustAllowed

Table 39-32 ulRSCyclicShift

Name	Value
Description	Defines UL reference signal cyclic shift value parameter n^1_DMRS. See TS 36.211, 5.5.2.1.1.
Type	Integer
Default	0
minimum	0
maximum	7
Impact	partialReset
Displayed(tab/group)	ulRSCyclicShift

Table 39-33 uplinkControlChannelLUTindex

Name	Value
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).
Type	Integer
Default	1
minimum	0
maximum	255

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	uplinkControlChannelLUTindex

(2 of 2)

40 — CellL1ULConfTDD

Table 40-1 CellL1ULConfTDD parameters

Parameters	
cqiPeriod	srsMaxUpPts
cqiReportingModeAperiodic	sRSperiodicity
id	srsSubframeConfiguration
nRBCQI	tddAckNackFeedbackMode

Table 40-2 cqiPeriod

Name	Value
Description	Defines the CQI period , see TS36.213 Table 7.2.2-1C parameter Np.

Type	• 1ms
	  • value: 0
	  • displayed: 1 ms
	• 5ms
	  • value: 1
	  • displayed: 5 ms
	• 10ms
	  • value: 2
	  • displayed: 10 ms
	• 20ms
	  • value: 3
	  • displayed: 20 ms
	• 40ms
	  • value: 4
	  • displayed: 40 ms

(1 of 2)

Name	Value

Type (continued)	• 80ms
	  • value: 5
	  • displayed: 80 ms
	• 160ms
	  • value: 6
	  • displayed: 160 ms

Impact	partialReset
Displayed(tab/group)	cqiPeriod
Note: The value of this parameter can be unset.	

(2 of 2)

Table 40-3 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

Type	• rm31
	  • value: 0
	  • displayed: Mode 31
	• rm30
	  • value: 1
	  • displayed: Mode 30
	• disabled
	  • value: 2
	  • displayed: Disabled
	• rm12
	  • value: 3
	  • displayed: Mode 12
	• rm20
	  • value: 4
	  • displayed: Mode 20
	• rm22
	  • value: 5
	  • displayed: Mode 22

Default	rm31
Impact	noReset
Displayed(tab/group)	cqiReportingModeAperiodic

Table 40-4 id

Name	Value
Description	CellL1ULConfTDD identifier
Type	Integer

(1 of 2)

Name	Value
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

Table 40-5 nRBCQI

Name	Value
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
Type	Integer
Default	0
minimum	0
maximum	2
Impact	partialReset
Displayed(tab/group)	nRBCQI

Table 40-6 sRSperiodicity

Name	Value
Description	Provides information about the period of SRS transmission from the UE Provides information about the period of SRS transmission from the UE.

Type	• 2ms
	  • value: 0
	  • displayed: 2 ms
	• 5ms
	  • value: 1
	  • displayed: 5 ms
	• 10ms
	  • value: 2
	  • displayed: 10 ms

Default	5ms
Impact	partialReset
Displayed(tab/group)	sRSperiodicity
Note: The value of this parameter can be unset.	

Table 40-7 srsMaxUpPts

Name	Value
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).
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	srsMaxUpPts
Note: The value of this parameter can be unset.	

Table 40-8 srsSubframeConfiguration

Name	Value
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,,15>

Type	• sc0
	  • value: 0
	  • displayed: Configuration 0
	• sc1
	  • value: 1
	  • displayed: Configuration 1
	• sc4
	  • value: 2
	  • displayed: Configuration 4

Default	sc4
Impact	partialReset
Displayed(tab/group)	srsSubframeConfiguration

Table 40-9 tddAckNackFeedbackMode

Name	Value
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.

Type	• bundling
	  • value: 0
	  • displayed: Bundling
	• multiplexing
	  • value: 1
	  • displayed: Multiplexing

Default	multiplexing

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	tddAckNackFeedbackMode

(2 of 2)

41 — CellL2DLConf

Table 41-1 CellL2DLConf parameters

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

Table 41-2 alphaFairnessFactor

Name	Value
Description	fairness parameter used for tuning the scheduler
Type	IP address exclusively (hostname not allowed)
Default	1.0
minimum	0
maximum	2
Impact	partialReset
Displayed(tab/group)	alphaFairnessFactor

Table 41-3 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
Type	Integer
minimum	0
maximum	120
Impact	partialReset
Displayed(tab/group)	dlSpeedThresholdForDisablingFreqSelectiveScheduling

Table 41-4 fDSOnly

Name	Value
Description	Enforces the DL scheduler to work in FDS mode only.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	fDSOnly

Table 41-5 id

Name	Value
Description	CellL2DLConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 41-6 maximumFSSUsers

Name	Value
Description	Defines the maximum number of FSS users that could be managed
Type	Integer
Default	60

(1 of 2)

Name	Value
minimum	1
maximum	60
Impact	partialReset
Displayed(tab/group)	maximumFSSUsers

(2 of 2)

Table 41-7 maximumUsersInACQIListFromDLScheduler

Name	Value
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
Type	Integer
Default	80
minimum	1
maximum	120
Impact	partialReset
Displayed(tab/group)	maximumUsersInACQIListFromDLScheduler

Table 41-8 minimumCQIForFSS

Name	Value
Description	Defines the minimum CQI below which the user is forced in FDS
Type	Integer
Default	6
minimum	1
maximum	15
Impact	partialReset
Displayed(tab/group)	minimumCQIForFSS

Table 41-9 nomPdschRsEpreOffset

Name	Value
Description	Provides information about the nominal measurement offset (in dB) between the PDSCH and RS EPRE that the UE should assume when computing CQI.
Type	Integer
Default	0
minimum	-2

(1 of 2)

Name	Value
maximum	12
Units	dB
Impact	partialReset
Displayed(tab/group)	nomPdschRsEpreOffset

(2 of 2)

Table 41-10 pDCCHPowerControlActivation

Name	Value
Description	Activation of the PDCCH Power Control Feature. When de-ativated, the configured power for PDCCH channels are used.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	pDCCHPowerControlActivation

Table 41-11 pDCCHPowerControlMaxPowerDecrease

Name	Value
Description	Allows to cap the maximum power offset that DL scheduler is allowed to decrease below the configured power for PDCCH
Type	IP address exclusively (hostname not allowed)
Default	0.0
minimum	0
maximum	12.8
Units	dB
Impact	partialReset
Displayed(tab/group)	pDCCHPowerControlMaxPowerDecrease

Table 41-12 pDCCHPowerControlMaxPowerIncrease

Name	Value
Description	Allows to cap the maximum power offset that DL scheduler is allowed to add on top of the configured power for PDCCH
Type	IP address exclusively (hostname not allowed)
Default	0.0
minimum	0

(1 of 2)

Name	Value
maximum	12.7
Units	dB
Impact	partialReset
Displayed(tab/group)	pDCCHPowerControlMaxPowerIncrease

(2 of 2)

Table 41-13 pagingForceMCSmin

Name	Value
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
Type	Integer
Default	-1
minimum	-1
maximum	9
Impact	partialReset
Displayed(tab/group)	pagingForceMCSmin

Table 41-14 rachMsg2ForceMCSmin

Name	Value
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
Type	Integer
Default	-1
minimum	-1
maximum	9
Impact	partialReset
Displayed(tab/group)	rachMsg2ForceMCSmin

Table 41-15 resourceBlockShift

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	96
Impact	partialReset
Displayed(tab/group)	resourceBlockShift

Table 41-16 siForceMCSmin

Name	Value
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
Type	Integer
Default	-1
minimum	-1
maximum	9
Impact	partialReset
Displayed(tab/group)	siForceMCSmin

Table 41-17 timingAlignmentCommandTimer

Name	Value
Description	Provides the timer used by MAC to send the Time Alignment Command to the UE
Type	Integer
Default	1000
minimum	10
maximum	2550
Units	ms
Impact	partialReset
Displayed(tab/group)	timingAlignmentCommandTimer

Table 41-18 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.

Type	• tm2
	  • value: 0
	  • displayed: Mode 2
	• tm4
	  • value: 1
	  • displayed: Mode 4
	• tm3
	  • value: 2
	  • displayed: Mode 3

Impact	partialReset
Displayed(tab/group)	transmissionMode

42 — CellL2DLConfTDD

Table 42-1 CellL2DLConfTDD parameters

Parameters	
dlBasicSchedulingMode	maxNumberOfRBsPerUE
dlMultiplexingOfMultiBearersEnabled	nGBRQosFactor
dlResourceAllocationType	pDCCHBlerControlActivation
dlSchedulerMode	percentageThresholdForDLRR
expectedNumberOfUEPerTTIForDLRR	pRBEndIndexForPDSCH
hARQRetransmissionMode	pRBStartIndexForPDSCH
id	

Table 42-2 dlBasicSchedulingMode

Name	Value
Description	The basic DL scheduling mode to calculate the resource matrix. PF: propotional fair MaxCI: max C/I RR: round robin

Type	• PF
	  • value: 0
	  • displayed: PF
	• MaxCI
	  • value: 1
	  • displayed: Max CI
	• RR
	  • value: 2
	  • displayed: RR

Default	PF

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	dlBasicSchedulingMode

(2 of 2)

Table 42-3 dlMultiplexingOfMultiBearersEnabled

Name	Value
Description	The flag to indicate whether multi-bearer can be multiplexed into 1 MAC PDU
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	dlMultiplexingOfMultiBearersEnabled

Table 42-4 dlResourceAllocationType

Name	Value
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) ;

Type	• rat0_0
	  • value: 0
	  • displayed: Type 0-0 (Loop RBG mode, frequency selective allocation, RA type 0)
	• rat1_1
	  • value: 1
	  • displayed: Type 1-1 (Loop user mode, greedy resource allocation, RA type 1)
	• rat1_2
	  • value: 2
	  • displayed: Type 1-2 (Loop user mode, greedy resource allocation, RA type 2)
	• rat2_0
	  • value: 3
	  • displayed: Type 2-0 (Loop user mode, fix resource allocation, RA type 0)
	• rat1_3
	  • value: 4
	  • displayed: Type 1-3 (Loop user mode, greedy resource allocation, RA type 2)

Default	rat0_0
Impact	partialReset
Displayed(tab/group)	dlResourceAllocationType

Table 42-5 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

Type	• frequencySelective
	  • value: 0
	  • displayed: Frequency Selective
	• frequencyNonSelective
	  • value: 1
	  • displayed: Frequency Non Selective
	• adaptive
	  • value: 2
	  • displayed: Adaptive

Impact	partialReset
Displayed(tab/group)	dlSchedulerMode

Table 42-6 expectedNumberOfUEPerTTIForDLRR

Name	Value
Description	Define the expected nbr of UE per DL TTI that can be scheduled when using RR algorithm.
Type	Integer
minimum	1
maximum	32
Impact	partialReset
Displayed(tab/group)	expectedNumberOfUEPerTTIForDLRR
Note: The value of this parameter can be unset.	

Table 42-7 hARQRetransmissionMode

Name	Value
Description	The mode of dl retransmission

Type	• non_adaptive
	  • value: 0
	  • displayed: Non_adaptive
	• adaptive
	  • value: 1
	  • displayed: Adaptive

Default	non_adaptive
Impact	partialReset
Displayed(tab/group)	hARQRetransmissionMode

Table 42-8 id

Name	Value
Description	CellL2DLConfTDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 42-9 maxNumberOfRBsPerUE

Name	Value
Description	max number of RBs allowed per UE per TTI in DL schedular;
Type	Integer
minimum	1
maximum	100
Impact	partialReset
Displayed(tab/group)	maxNumberOfRBsPerUE

Table 42-10 nGBRQosFactor

Name	Value
Description	a tuning factor of QoS weight for non-GBR bear
Type	IP address exclusively (hostname not allowed)
minimum	0
maximum	0.5
Impact	partialReset
Displayed(tab/group)	nGBRQosFactor

Table 42-11 pDCCHBlerControlActivation

Name	Value
Description	The flag is used to indicate whether BLER control for PDCCH is activated
Type	boolean

(1 of 2)

Name	Value
Default	false
Impact	partialReset
Displayed(tab/group)	pDCCHBlerControlActivation

(2 of 2)

Table 42-12 pRBEndIndexForPDSCH

Name	Value
Description	the ending PRB index for dynamic scheduling of PDSCH.
Type	Integer
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	pRBEndIndexForPDSCH

Table 42-13 pRBStartIndexForPDSCH

Name	Value
Description	the starting PRB index for dynamic scheduling of PDSCH.
Type	Integer
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	pRBStartIndexForPDSCH

Table 42-14 percentageThresholdForDLRR

Name	Value
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).
Type	IP address exclusively (hostname not allowed)
Default	0.5
minimum	0
maximum	1
Impact	partialReset

(1 of 2)

Name	Value
Displayed(tab/group)	percentageThresholdForDLRR
Note: The value of this parameter can be unset.	

(2 of 2)

43 — CellL2ULConf

Table 43-1 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 43-2 aperiodicCQIuserListFDSINRthr

Name	Value
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
Type	IP address exclusively (hostname not allowed)
Default	7
minimum	-15

(1 of 2)

Name	Value
maximum	20
Units	dB
Impact	partialReset
Displayed(tab/group)	aperiodicCQIuserListFDSINRthr

(2 of 2)

Table 43-3 aperiodicCQIuserListFSSINRthrr

Name	Value
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
Type	IP address exclusively (hostname not allowed)
Default	5
minimum	-15
maximum	20
Units	dB
Impact	partialReset
Displayed(tab/group)	aperiodicCQIuserListFSSINRthrr

Table 43-4 aperiodicCQIuserListMaxSizeInULS

Name	Value
Description	Defines the maximum size of the list of user that are selected in the UL scheduler for A-CQI reporting.
Type	Integer
Default	20
minimum	0
maximum	60
Impact	partialReset
Displayed(tab/group)	aperiodicCQIuserListMaxSizeInULS

Table 43-5 aperiodicCQIuserListPHRthr

Name	Value
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
Type	Integer

(1 of 2)

Name	Value
Default	8
minimum	0
maximum	20
Impact	partialReset
Displayed(tab/group)	aperiodicCQIuserListPHRthr

(2 of 2)

Table 43-6 aperiodicCQIuserListUpdatePeriod

Name	Value
Description	Defines the period for updates of the A-CQI user list from the downlink scheduler to the uplink scheduler.

Type	• 100ms
	  • value: 0
	  • displayed: 100 ms
	• 200ms
	  • value: 1
	  • displayed: 200 ms
	• 300ms
	  • value: 2
	  • displayed: 300 ms
	• 400ms
	  • value: 3
	  • displayed: 400 ms
	• 500ms
	  • value: 4
	  • displayed: 500 ms
	• 1000ms
	  • value: 5
	  • displayed: 1000 ms
	• 1500ms
	  • value: 6
	  • displayed: 1500 ms
	• 2000ms
	  • value: 7
	  • displayed: 2000 ms

Default	500ms
Impact	partialReset
Displayed(tab/group)	aperiodicCQIuserListUpdatePeriod

Table 43-7 deltaNbrUserThrFDS

Name	Value
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
Type	Integer
Default	10
minimum	0
maximum	200
Impact	partialReset
Displayed(tab/group)	deltaNbrUserThrFDS

Table 43-8 deltaSinrThrFSS

Name	Value
Description	Hysteresis applied to UL SRS SINR threshold level, the SINR for switching the user back to FDS is (sinrThrFSS-deltaSinrFSS)
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0
maximum	10
Units	dB
Impact	partialReset
Displayed(tab/group)	deltaSinrThrFSS

Table 43-9 dlPathlossChangeForPHRreporting

Name	Value
Description	Defines path loss change threshold value for sending a new PHR report. As per 36.321.

Type	• dB1
	  • value: 0
	  • displayed: 1 dB
	• dB3
	  • value: 1
	  • displayed: 3 dB
	• dB6
	  • value: 2
	  • displayed: 6 dB

(1 of 2)

Name	Value

Type (continued)	• infinity
	  • value: 3
	  • displayed: Infinity

Default	dB1
Units	dB
Impact	partialReset
Displayed(tab/group)	dlPathlossChangeForPHRreporting

(2 of 2)

Table 43-10 forceAllFDusersIntoHighMobilityState

Name	Value
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
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	forceAllFDusersIntoHighMobilityState

Table 43-11 id

Name	Value
Description	CellL2ULConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 43-12 initialULPathlossEstimate

Name	Value
Description	Initial Path loss value assumed upon call setup and handover
Type	Integer
Default	120

(1 of 2)

Name	Value
minimum	0
maximum	200
Units	dB
Impact	partialReset
Displayed(tab/group)	initialULPathlossEstimate

(2 of 2)

Table 43-13 maxHARQtx

Name	Value
Description	Defines maximum number of UL transmissions

Type	• n1
	  • value: 0
	  • displayed: 1 Uplink Transmission
	• n5
	  • value: 1
	  • displayed: 5 Uplink Transmissions
	• n4
	  • value: 2
	  • displayed: 4 Uplink Transmissions
	• n3
	  • value: 3
	  • displayed: 3 Uplink Transmissions
	• n2
	  • value: 4
	  • displayed: 2 Uplink Transmissions

Default	n5
Impact	partialReset
Displayed(tab/group)	maxHARQtx

Table 43-14 maxNbrULFSUsers

Name	Value
Description	Maximum number of users that can be managed by the UL Frequency Selective scheduler
Type	Integer
Default	20
minimum	0
maximum	200
Impact	partialReset
Displayed(tab/group)	maxNbrULFSUsers

Table 43-15 maxNumberOfIterationsAtPreselectionStage

Name	Value
Description	Maximum number of iterations allowed at the preselection stage of the UL Dynamic Scheduler.
Type	Integer
Default	50
minimum	1
maximum	200
Impact	partialReset
Displayed(tab/group)	maxNumberOfIterationsAtPreselectionStage

Table 43-16 nbrUserThrFDS

Name	Value
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).
Type	Integer
Default	50
minimum	0
maximum	200
Impact	partialReset
Displayed(tab/group)	nbrUserThrFDS

Table 43-17 periodicBSRtimer

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

Type	• sf64
	  • value: 0
	  • displayed: Sf 64
	• sf5
	  • value: 1
	  • displayed: Sf 5
	• sf128
	  • value: 2
	  • displayed: Sf 128
	• sf1280
	  • value: 3
	  • displayed: Sf 1280

(1 of 2)

Name	Value

Type (continued)	• sf2560
	  • value: 4
	  • displayed: Sf 2560
	• infinity
	  • value: 5
	  • displayed: Infinity
	• sf10
	  • value: 6
	  • displayed: Sf 10
	• sf32
	  • value: 7
	  • displayed: Sf 32
	• sf80
	  • value: 8
	  • displayed: Sf 80
	• sf20
	  • value: 9
	  • displayed: Sf 20
	• sf16
	  • value: 10
	  • displayed: Sf 16
	• sf40
	  • value: 11
	  • displayed: Sf 40
	• sf320
	  • value: 12
	  • displayed: Sf 320
	• sf640
	  • value: 13
	  • displayed: Sf 640
	• sf160
	  • value: 14
	  • displayed: Sf 160

Default	sf5
Units	ms
Impact	partialReset
Displayed(tab/group)	periodicBSRtimer

(2 of 2)

Table 43-18 periodicPHRtimer

Name	Value
Description	timer used to trigger periodic transmission of Power Headroom MAC control elements. As per 36.321.

Type	• sf1000
	  • value: 0
	  • displayed: Sf 1000
	• sf10
	  • value: 1
	  • displayed: Sf 10

(1 of 2)

Name	Value

Type (continued)	• sf200
	  • value: 2
	  • displayed: Sf 200
	• sf100
	  • value: 3
	  • displayed: Sf 100
	• sf20
	  • value: 4
	  • displayed: Sf 20
	• sf50
	  • value: 5
	  • displayed: Sf 50
	• sf500
	  • value: 6
	  • displayed: Sf 500
	• infinity
	  • value: 7
	  • displayed: Infinity

Default	sf200
Units	ms
Impact	partialReset
Displayed(tab/group)	periodicPHRtimer

(2 of 2)

Table 43-19 prohibitPHRtimer

Name	Value
Description	timer used to prohibit subsequent transmissions of Power Headroom MAC control elements, once a 1st PHR has been sent. As per 36.321.

Type	• sf1000
	  • value: 0
	  • displayed: Sf 1000
	• sf10
	  • value: 1
	  • displayed: Sf 10
	• sf200
	  • value: 2
	  • displayed: Sf 200
	• sf100
	  • value: 3
	  • displayed: Sf 100
	• sf20
	  • value: 4
	  • displayed: Sf 20
	• sf50
	  • value: 5
	  • displayed: Sf 50
	• sf500
	  • value: 6
	  • displayed: Sf 500

(1 of 2)

Name	Value

Type (continued)	• sf0
	  • value: 7
	  • displayed: Sf 0

Default	sf0
Units	ms
Impact	partialReset
Displayed(tab/group)	prohibitPHRtimer

(2 of 2)

Table 43-20 retxBSRtimer

Name	Value
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.

Type	• sf1280
	  • value: 0
	  • displayed: Sf 1280
	• sf5120
	  • value: 1
	  • displayed: Sf 5120
	• sf2560
	  • value: 2
	  • displayed: Sf 2560
	• sf320
	  • value: 3
	  • displayed: Sf 320
	• sf640
	  • value: 4
	  • displayed: Sf 640
	• sf10240
	  • value: 5
	  • displayed: Sf 10240

Default	sf320
Units	ms
Impact	partialReset
Displayed(tab/group)	retxBSRtimer

Table 43-21 sRSsinrCorrectionUponSRSdrop

Name	Value
Description	Decrement applied to SRS SINR metrics used for frequency selective scheduling when SRS transmission is dropped due to a Measurement Gap
Type	IP address exclusively (hostname not allowed)

(1 of 2)

Name	Value
Default	1.0
minimum	0
maximum	10
Units	dB
Impact	partialReset
Displayed(tab/group)	sRSsinrCorrectionUponSRSdrop

(2 of 2)

Table 43-22 sinrThrFSS

Name	Value
Description	Minimum UL SRS SINR threshold level for allowing a user to be managed by the UL Frequency Selective Scheduler
Type	IP address exclusively (hostname not allowed)
Default	5.0
minimum	-15
maximum	20
Units	dB
Impact	partialReset
Displayed(tab/group)	sinrThrFSS

Table 43-23 timeAlignmentTimerCommon

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

Type	• sf750
	  • value: 0
	  • displayed: Sf 750
	• sf1280
	  • value: 1
	  • displayed: Sf 1280
	• sf5120
	  • value: 2
	  • displayed: Sf 5120
	• sf1920
	  • value: 3
	  • displayed: Sf 1920
	• sf2560
	  • value: 4
	  • displayed: Sf 2560

(1 of 2)

Name	Value

Type (continued)	• sf500
	  • value: 5
	  • displayed: Sf 500
	• infinity
	  • value: 6
	  • displayed: Infinity
	• sf10240
	  • value: 7
	  • displayed: Sf 10240

Default	sf2560
Units	ms
Impact	partialReset
Displayed(tab/group)	timeAlignmentTimerCommon

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Table 43-24 timeAlignmentTimerDedicated

Name	Value
Description	Time alignment timer value sent over dedicated RRC signalling and used by the UE as per 36.321.

Type	• sf750
	  • value: 0
	  • displayed: Sf 750
	• sf1280
	  • value: 1
	  • displayed: Sf 1280
	• sf5120
	  • value: 2
	  • displayed: Sf 5120
	• sf1920
	  • value: 3
	  • displayed: Sf 1920
	• sf2560
	  • value: 4
	  • displayed: Sf 2560
	• sf500
	  • value: 5
	  • displayed: Sf 500
	• infinity
	  • value: 6
	  • displayed: Infinity
	• sf10240
	  • value: 7
	  • displayed: Sf 10240

Default	sf2560
Units	ms
Impact	partialReset
Displayed(tab/group)	timeAlignmentTimerDedicated

Table 43-25 ulSchedPropFairAlphaFactor

Name	Value
Description	Alpha parameter used in computation of proportional fair metric. Zero corresponds to PF method.
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	0
maximum	1
Impact	partialReset
Displayed(tab/group)	ulSchedPropFairAlphaFactor

Table 43-26 ulSchedulerMode

Name	Value
Description	Define which kind of ul dynamic scheduling mode shall be used in the cell: 1).Frequency selective; 2): Frequency non selective;

Type	• frequencySelective
	  • value: 0
	  • displayed: Frequency Selective
	• frequencyNonSelective
	  • value: 1
	  • displayed: Frequency Non Selective
	• FrequencySelectiveAllowed
	  • value: 2
	  • displayed: Frequency Selective Allowed
	• FrequencyDiverseOnly
	  • value: 3
	  • displayed: Frequency Diverse Only

Default	frequencySelective
Impact	partialReset
Displayed(tab/group)	ulSchedulerMode

Table 43-27 userUplinkClassificationPeriod

Name	Value
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.
Type	Integer
Default	500
minimum	20

(1 of 2)

Name	Value
maximum	2000
Impact	partialReset

(2 of 2)

44 — CellL2ULConfTDD

Table 44-1 CellL2ULConfTDD parameters

Parameters	
alphaForTNP	puschHoppingType1Pattern
expectedNumberOfUEPerTTIForULRR	puschHoppingTypeConfig
id	puschNumberOfSubbands
lowestTNP	ulBasicSchedulingMode
percentageThresholdForULRR	ulSpeedThresholdBetweenPUSCHNoHoppingAndHopping

Table 44-2 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)
Type	Integer
minimum	0
maximum	16384
Impact	partialReset
Displayed(tab/group)	alphaForTNP

Table 44-3 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.
Type	Integer
minimum	1
maximum	32
Impact	partialReset
Displayed(tab/group)	expectedNumberOfUEPerTTIForULRR
Note: The value of this parameter can be unset.	

Table 44-4 id

Name	Value
Description	CellL2ULConfTDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 44-5 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)).
Type	IP address exclusively (hostname not allowed)
minimum	-150
maximum	-60
Units	dBm
Impact	partialReset
Displayed(tab/group)	lowestTNP

Table 44-6 percentageThresholdForULRR

Name	Value
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).
Type	IP address exclusively (hostname not allowed)
Default	0.5
minimum	0
maximum	1
Impact	partialReset
Displayed(tab/group)	percentageThresholdForULRR
Note: The value of this parameter can be unset.	

Table 44-7 puschHoppingType1Pattern

Name	Value
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;

Type	• Quarter_Of_N_PUSCH_RB
	  • value: 0
	  • displayed: Quarter Of N PUSCH RB
	• Minus_Quarter_Of_N_PUSCH_RB
	  • value: 1
	  • displayed: Minus Quarter Of N PUSCH RB
	• Half_Of_N_PUSCH_RB
	  • value: 2
	  • displayed: Half Of N PUSCH RB

Default	Half_Of_N_PUSCH_RB
Impact	partialReset
Displayed(tab/group)	puschHoppingType1Pattern
Note: The value of this parameter can be unset.	

Table 44-8 puschHoppingTypeConfig

Name	Value
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)

Type	• no_hopping
	  • value: 0
	  • displayed: No Hopping

(1 of 2)

Name	Value

Type (continued)	• hoppingType1Only
	  • value: 1
	  • displayed: Hopping Type 1 Only
	• hoppingType2Only
	  • value: 2
	  • displayed: Hopping Type 2 Only
	• hoppingType1AndType2
	  • value: 3
	  • displayed: Hopping Type 1 And Type 2

Default	no_hopping
Impact	partialReset
Displayed(tab/group)	puschHoppingTypeConfig

(2 of 2)

Table 44-9 puschNumberOfSubbands

Name	Value
Description	parameter Nsb in 3GPP TS36.211 [21, 5.3.4], it's only meanfull when pusch hopping type2
Type	Integer
Default	1
minimum	1
maximum	4
Impact	partialReset
Displayed(tab/group)	puschNumberOfSubbands
Note: The value of this parameter can be unset.	

Table 44-10 ulBasicSchedulingMode

Name	Value
Description	The UL basic scheduling mode to control user fairness. PF: propotional fair MaxCI: max C/I RR: round robin

Type	• PF
	  • value: 0
	  • displayed: PF
	• MaxCI
	  • value: 1
	  • displayed: Max CI
	• RR
	  • value: 2
	  • displayed: RR

Default	PF

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	ulBasicSchedulingMode

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Table 44-11 ulSpeedThresholdBetweenPUSCHNoHoppingAndHopping

Name	Value
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
Type	Integer
Default	-1
minimum	-1
maximum	120
Units	km/hr
Impact	partialReset
Displayed(tab/group)	ulSpeedThresholdBetweenPUSCHNoHoppingAndHopping
Note: The value of this parameter can be unset.	

45 — Cell

Table 45-1 Cell parameters

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

(1 of 2)

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

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Table 45-2 additionalSpectrumEmission

Name	Value
Description	Defines additional spectrum emission requirements according to Section 6.6.2.2, TS 36.101.
Type	Integer
minimum	0
maximum	32
Displayed(tab/group)	additionalSpectrumEmission (Call Processing)

Table 45-3 azimuth

Name	Value
Description	The azimuth provides the orientation of the cell.
Type	IP address exclusively (hostname not allowed)
minimum	0
maximum	360
Units	deg
Displayed(tab/group)	azimuth (Call Processing)

Table 45-4 cellBarred

Name	Value
Description	Indicates whether the cell is barred. Consult TS 36.304 for more details Defined in TS 36.331 Broadcast in SystemInformationBlockType1

Type	• notBarred
	  • value: 0
	  • displayed: Not Barred
	• barred
	  • value: 1
	  • displayed: Barred
	• notBarredAutoBarrable
	  • value: 2
	  • displayed: Not Barred / Auto Barrable

Default	notBarredAutoBarrable
Impact	noReset
Displayed(tab/group)	cellBarred (Call Processing)

Table 45-5 cellDLTotalPower

Name	Value
Description	Provides the total power configured for each DL antenna of the cell.
Type	IP address exclusively (hostname not allowed)
minimum	0
maximum	50
Units	dBm
Impact	partialReset
Displayed(tab/group)	cellDLTotalPower (Call Processing)

Table 45-6 cellRadius

Name	Value
Description	Up to 14.6km in LA0.1 ([4], requirement# SRD-6896-690) Used in: - Cell Topology Info
Type	IP address exclusively (hostname not allowed)
minimum	0
maximum	14
Units	km
Impact	partialReset
Displayed(tab/group)	cellRadius (Call Processing)

Table 45-7 cellReservedForOperatorUse

Name	Value
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

Type	• notReserved
	  • value: 0
	  • displayed: Not Reserved
	• reserved
	  • value: 1
	  • displayed: Reserved

Default	notReserved
Impact	noReset
Displayed(tab/group)	cellReservedForOperatorUse (Call Processing)

Table 45-8 cellSize

Name	Value
Description	Provides the cell coverage area as defined in [36413-861] 9.2.1.66 CELL TYPE

Type	• verysmall
	  • value: 0
	  • displayed: Very Small
	• small
	  • value: 1
	  • displayed: Small
	• large
	  • value: 2
	  • displayed: Large

Type (continued)	• medium
	  • value: 3
	  • displayed: Medium

Impact	noReset
Displayed(tab/group)	cellSize (Call Processing)

Table 45-9 defaultPagingCycle

Name	Value
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

Type	• rf32
	  • value: 0
	  • displayed: RF 32
	• rf64
	  • value: 1
	  • displayed: RF 64
	• rf256
	  • value: 2
	  • displayed: RF 256
	• rf128
	  • value: 3
	  • displayed: RF 128

Default	rf32
Impact	partialReset
Displayed(tab/group)	defaultPagingCycle

Table 45-10 dlBandwidth

Name	Value
Description	The transmission bandwidth configuration (NRB). n6 corresponds to 6 resource blocks, n15 to 15 resource blocks and so on

Type	• n15_3MHz
	  • value: 0
	  • displayed: 15 Blocks (3 MHz)
	• n25_5MHz
	  • value: 1
	  • displayed: 25 Blocks (5 MHz)
	• n100_20MHz
	  • value: 2
	  • displayed: 100 Blocks (20 MHz)

Type (continued)	• n50_10MHz
	  • value: 3
	  • displayed: 50 Blocks (10 MHz)
	• n6_1_4MHz
	  • value: 4
	  • displayed: 6 Blocks (1.4 MHz)
	• n75_15MHz
	  • value: 5
	  • displayed: 75 Blocks (15 MHz)

Impact	partialReset
Displayed(tab/group)	dlBandwidth

Table 45-11 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
Type	Integer
minimum	0
maximum	29649
Impact	partialReset
Displayed(tab/group)	dlEARFCN

Table 45-12 frequencyBandIndicator

Name	Value
Description	Frequency band that this cell is operating in, as defined in TS 36.101; used in SIB1

Type	• TypeXIII
	  • value: 0
	  • displayed: Type XIII
	• TypeI
	  • value: 1
	  • displayed: Type I
	• TypeXII
	  • value: 2
	  • displayed: Type XII
	• TypeXIV
	  • value: 3
	  • displayed: Type XIV

Type (continued)	• TypeXVII
	  • value: 4
	  • displayed: Type XVII
	• TypeIV
	  • value: 5
	  • displayed: Type IV
	• TypeVII
	  • value: 6
	  • displayed: Type VII

Impact	partialReset
Displayed(tab/group)	frequencyBandIndicator

Table 45-13 gpsFrameOffset

Name	Value
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 [0.38399] The number indicates how many Tc units after the GPS pulse the next air interface frame will start.
Type	Integer
Default	0
minimum	0
maximum	38399
Units	Tc
Impact	fullReset
Displayed(tab/group)	gpsFrameOffset (Call Processing)

Table 45-14 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.
Type	string
access	read-create
minimum	0
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	id

Table 45-15 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
Type	string
Impact	partialReset

Table 45-16 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
Type	string
Impact	partialReset

Table 45-17 loadTargetForOCNS

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	100
Units	%
Impact	partialReset
Displayed(tab/group)	loadTargetForOCNS

Table 45-18 loadTargetForOCNSonPDCCH

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	0
maximum	100
Units	%
Impact	partialReset
Displayed(tab/group)	loadTargetForOCNSonPDCCH (Call Processing)

Table 45-19 loadTargetForOCNSonPDSCH

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	100
Units	%
Impact	partialReset
Displayed(tab/group)	loadTargetForOCNSonPDSCH (Call Processing)

Table 45-20 lteCellPositionLatitude

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
minimum	-90
maximum	90
Units	deg
Displayed(tab/group)	lteCellPositionLatitude (Call Processing)

Table 45-21 lteCellPositionLongitude

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
minimum	-180
maximum	180
Units	deg
Displayed(tab/group)	lteCellPositionLongitude (Call Processing)

Table 45-22 modificationPeriodCoeff

Name	Value
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

Type	• n4
	  • value: 0
	  • displayed: 4 Paging Cycles
	• n2
	  • value: 1
	  • displayed: 2 Paging Cycles
	• n8
	  • value: 2
	  • displayed: 8 Paging Cycles
	• n16
	  • value: 3
	  • displayed: 16 Paging Cycles

Default	n2
Impact	partialReset
Displayed(tab/group)	modificationPeriodCoeff (Call Processing)

Table 45-23 nB

Name	Value
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

Type	• halfT
	  • value: 0
	  • displayed: Half a Paging Cycle

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Name	Value

Type (continued)	• onSixteenthT
	  • value: 1
	  • displayed: One Sixteenth of a Paging Cycle
	• oneSixteenthT
	  • value: 2
	  • displayed: One Sixteenth of a Paging Cycle
	• twoT
	  • value: 3
	  • displayed: Two Paging Cycles
	• fourT
	  • value: 4
	  • displayed: Four Paging Cycles
	• oneT
	  • value: 5
	  • displayed: One Paging Cycle
	• oneEightT
	  • value: 6
	  • displayed: One Eighth of a Paging Cycle
	• quarterT
	  • value: 7
	  • displayed: Quarter of a Paging Cycle
	• oneThirtySecondT
	  • value: 8
	  • displayed: One Thirty Seconth of a Paging Cycle
	• oneEighthT
	  • value: 9
	  • displayed: One Eighth of a Paging Cycle

Default	oneT
Impact	partialReset
Displayed(tab/group)	nB (Call Processing)

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Table 45-24 numberOfDLAntennas

Name	Value
Description	Indicates 1 or 2 antenna mode for transmitter.
Type	Integer
Default	2
minimum	1
maximum	2
Impact	partialReset
Displayed(tab/group)	numberOfDLAntennas (Call Processing)

Table 45-25 numberOfDLAntennas_V2_1

Name	Value
Description	Indicates 1 or 2 antenna mode for transmitter.

Type	• dlAntenna1
	  • value: 0
	  • displayed: Download Antenna 1
	• dlAntenna2
	  • value: 1
	  • displayed: Download Antenna 2
	• dlAntenna8
	  • value: 2
	  • displayed: Download Antenna 8

Impact	partialReset
Displayed(tab/group)	numberOfDLAntennas (Call Processing)

Table 45-26 numberOfULAntennas

Name	Value
Description	Defines the number of UL antenna configured for the cell. Supported values are <1,2>

Type	• ulAntenna1
	  • value: 0
	  • displayed: Uplink Antenna 1
	• ulAntenna2
	  • value: 1
	  • displayed: Uplink Antenna 2
	• ulAntenna8
	  • value: 2
	  • displayed: Uplink Antenna 8
	• ulAntenna4
	  • value: 3
	  • displayed: Uplink Antenna 4

Default	ulAntenna2
Impact	partialReset
Displayed(tab/group)	numberOfULAntennas (Call Processing)

Table 45-27 omnidirectional

Name	Value
Description	If the cell is omnidirectional
Type	boolean
Default	false

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Name	Value
Impact	noReset
Displayed(tab/group)	omnidirectional (Call Processing)

(2 of 2)

Table 45-28 operationalMode

Name	Value
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.

Type	• ulPeakThroughput
	  • value: 0
	  • displayed: Uplink Peak Throughput
	• dlPeakThroughput
	  • value: 1
	  • displayed: Downlink Peak Throughput
	• dlOCNS1dot4only
	  • value: 2
	  • displayed: Downlink OCNS 1.4 only
	• nominal
	  • value: 3
	  • displayed: Nominal
	• peakCoverage
	  • value: 4
	  • displayed: Peak Coverage

Default	peakCoverage
Impact	partialReset
Displayed(tab/group)	operationalMode (Call Processing)

Table 45-29 physicalLayerCellIdentityGroupIndex

Name	Value
Description	The physical layer cell IDentity group as specified by TS 36.211, Chapter 6.11 Synchronization signals.
Type	Integer
minimum	0
maximum	167
Impact	partialReset
Displayed(tab/group)	physicalLayerCellIdentityGroupIndex (Call Processing)

Table 45-30 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
Type	Integer
minimum	0
maximum	2
Impact	partialReset
Displayed(tab/group)	physicalLayerCellIdentityIndex (Call Processing)

Table 45-31 plmnMobileCountryCode

Name	Value
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.

Type	• default
	  • value: 0
	  • displayed: 0 - Default
	  • not selectable
	• select
	  • value: 1
	  • displayed: Select Mobile Country Code
	  • not selectable
	• gr
	  • value: 202
	  • displayed: 202 - Greece
	• nl
	  • value: 204
	  • displayed: 204 - Netherlands
	• be
	  • value: 206
	  • displayed: 206 - Belgium
	• fr
	  • value: 208
	  • displayed: 208 - France
	• mc
	  • value: 212
	  • displayed: 212 - Monaco
	• ad
	  • value: 213
	  • displayed: 213 - Andorra
	• es
	  • value: 214
	  • displayed: 214 - Spain

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Name	Value

Type (continued)	• hu
	  • value: 216
	  • displayed: 216 - Hungary
	• ba
	  • value: 218
	  • displayed: 218 - Bosnia and Herzegovina
	• hr
	  • value: 219
	  • displayed: 219 - Croatia
	• rs
	  • value: 220
	  • displayed: 220 - Serbia (Republic of)
	• it
	  • value: 222
	  • displayed: 222 - Italy
	• va
	  • value: 225
	  • displayed: 225 - Vatican City State
	• ro
	  • value: 226
	  • displayed: 226 - Romania
	• ch
	  • value: 228
	  • displayed: 228 - Switzerland
	• cz
	  • value: 230
	  • displayed: 230 - Czech Republic
	• sk
	  • value: 231
	  • displayed: 231 - Slovakia
	• at
	  • value: 232
	  • displayed: 232 - Austria
	• gb2
	  • value: 234
	  • displayed: 234 - United Kingdom (2)
	• gb1
	  • value: 235
	  • displayed: 235 - United Kingdom (1)
	• dk
	  • value: 238
	  • displayed: 238 - Denmark
	• se
	  • value: 240
	  • displayed: 240 - Sweden
	• no
	  • value: 242
	  • displayed: 242 - Norway
	• fi
	  • value: 244
	  • displayed: 244 - Finland
	• lt
	  • value: 246
	  • displayed: 246 - Lithuania

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Name	Value

Type (continued)	• lv
	  • value: 247
	  • displayed: 247 - Latvia
	• ee
	  • value: 248
	  • displayed: 248 - Estonia
	• ru
	  • value: 250
	  • displayed: 250 - Russian Federation
	• ua
	  • value: 255
	  • displayed: 255 - Ukraine
	• by
	  • value: 257
	  • displayed: 257 - Belarus
	• md
	  • value: 259
	  • displayed: 259 - Moldova
	• pl
	  • value: 260
	  • displayed: 260 - Poland
	• de
	  • value: 262
	  • displayed: 262 - Germany
	• gi
	  • value: 266
	  • displayed: 266 - Gibraltar (UK)
	• pt
	  • value: 268
	  • displayed: 268 - Portugal
	• lu
	  • value: 270
	  • displayed: 270 - Luxembourg
	• ie
	  • value: 272
	  • displayed: 272 - Ireland
	• is
	  • value: 274
	  • displayed: 274 - Iceland
	• al
	  • value: 276
	  • displayed: 276 - Albania
	• mt
	  • value: 278
	  • displayed: 278 - Malta
	• cy
	  • value: 280
	  • displayed: 280 - Cyprus
	• ge
	  • value: 282
	  • displayed: 282 - Georgia
	• am
	  • value: 283
	  • displayed: 283 - Armenia

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Name	Value

Type (continued)	• bg
	  • value: 284
	  • displayed: 284 - Bulgaria
	• tr
	  • value: 286
	  • displayed: 286 - Turkey
	• fo
	  • value: 288
	  • displayed: 288 - Faroe Islands (Denmark)
	• ak
	  • value: 289
	  • displayed: 289 - Abkhazia (Georgia)
	• gl
	  • value: 290
	  • displayed: 290 - Greenland (Denmark)
	• sm
	  • value: 292
	  • displayed: 292 - San Marino
	• si
	  • value: 293
	  • displayed: 293 - Slovenia
	• mk
	  • value: 294
	  • displayed: 294 - Republic of Macedonia
	• li
	  • value: 295
	  • displayed: 295 - Liechtenstein
	• me
	  • value: 297
	  • displayed: 297 - Montenegro (Republic of)
	• ca
	  • value: 302
	  • displayed: 302 - Canada
	• pm
	  • value: 308
	  • displayed: 308 - Saint Pierre et Miquelon (France)
	• us1
	  • value: 310
	  • displayed: 310 - United States of America (1)
	• us2
	  • value: 311
	  • displayed: 311 - United States of America (2)
	• us3
	  • value: 312
	  • displayed: 312 - United States of America (3)
	• us4
	  • value: 313
	  • displayed: 313 - United States of America (4)
	• us5
	  • value: 314
	  • displayed: 314 - United States of America (5)
	• us6
	  • value: 315
	  • displayed: 315 - United States of America (6)

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Name	Value

Type (continued)	• us7
	  • value: 316
	  • displayed: 316 - United States of America (7)
	• pr
	  • value: 330
	  • displayed: 330 - Puerto Rico (US)
	• vi
	  • value: 332
	  • displayed: 332 - United States Virgin Islands (US)
	• mx
	  • value: 334
	  • displayed: 334 - Mexico
	• jm
	  • value: 338
	  • displayed: 338 - Jamaica
	• gp
	  • value: 340
	  • displayed: 340 - Guadeloupe et Martinique (France)
	• bb
	  • value: 342
	  • displayed: 342 - Barbados
	• ag
	  • value: 344
	  • displayed: 344 - Antigua and Barbuda
	• ky
	  • value: 346
	  • displayed: 346 - Cayman Islands (UK)
	• vg
	  • value: 348
	  • displayed: 348 - British Virgin Islands (UK)
	• bm
	  • value: 350
	  • displayed: 350 - Bermuda (UK)
	• gd
	  • value: 352
	  • displayed: 353 - Grenada
	• ms
	  • value: 354
	  • displayed: 354 - Montserrat (UK)
	• kn
	  • value: 356
	  • displayed: 356 - Saint Kitts and Nevis
	• lc
	  • value: 358
	  • displayed: 358 - Saint Lucia
	• vc
	  • value: 360
	  • displayed: 360 - Saint Vincent and the Grenadines
	• an
	  • value: 362
	  • displayed: 362 - Netherlands Antilles (Netherlands)
	• aw
	  • value: 363
	  • displayed: 363 - Aruba (Netherlands)

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Name	Value

Type (continued)	• bs
	  • value: 364
	  • displayed: 364 - Bahamas
	• ai
	  • value: 365
	  • displayed: 365 - Anguilla
	• dm
	  • value: 366
	  • displayed: 366 - Dominica
	• cu
	  • value: 368
	  • displayed: 368 - Cuba
	• do
	  • value: 370
	  • displayed: 370 - Dominican Republic
	• ht
	  • value: 372
	  • displayed: 372 - Haiti
	• tt
	  • value: 374
	  • displayed: 374 - Trinidad and Tobago
	• tc
	  • value: 376
	  • displayed: 376 - Turks and Caicos Islands (UK)
	• az
	  • value: 400
	  • displayed: 400 - Azerbaijani Republic
	• kz
	  • value: 401
	  • displayed: 401 - Kazakhstan
	• bt
	  • value: 402
	  • displayed: 402 - Bhutan
	• in1
	  • value: 404
	  • displayed: 404 - India (1)
	• in2
	  • value: 405
	  • displayed: 405 - India (2)
	• pk
	  • value: 410
	  • displayed: 410 - Pakistan
	• af
	  • value: 412
	  • displayed: 412 - Afghanistan
	• lk
	  • value: 413
	  • displayed: 413 - Sri Lanka
	• mm
	  • value: 414
	  • displayed: 414 - Myanmar
	• lb
	  • value: 415
	  • displayed: 415 - Lebanon

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Name	Value

Type (continued)	• jo
	  • value: 416
	  • displayed: 416 - Jordan
	• sy
	  • value: 417
	  • displayed: 417 - Syria
	• iq
	  • value: 418
	  • displayed: 418 - Iraq
	• kw
	  • value: 419
	  • displayed: 419 - Kuwait
	• sa
	  • value: 420
	  • displayed: 420 - Saudi Arabia
	• ye
	  • value: 421
	  • displayed: 421 - Yemen
	• om
	  • value: 422
	  • displayed: 422 - Oman
	• ps
	  • value: 423
	  • displayed: 423 - Palestine
	• ae1
	  • value: 424
	  • displayed: 424 - United Arab Emirates
	• il
	  • value: 425
	  • displayed: 425 - Israel
	• bh
	  • value: 426
	  • displayed: 426 - Bahrain
	• qa
	  • value: 427
	  • displayed: 427 - Qatar
	• mn
	  • value: 428
	  • displayed: 428 - Mongolia
	• np
	  • value: 429
	  • displayed: 429 - Nepal
	• ae2
	  • value: 430
	  • displayed: 430 - United Arab Emirates (Abu Dhabi)
	• ae3
	  • value: 431
	  • displayed: 431 - United Arab Emirates (Dubai)
	• ir
	  • value: 432
	  • displayed: 432 - Iran
	• uz
	  • value: 434
	  • displayed: 434 - Uzbekistan

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Name	Value

Type (continued)	• tj
	  • value: 436
	  • displayed: 436 - Tajikistan
	• kg
	  • value: 437
	  • displayed: 437 - Kyrgyz Republic
	• tm
	  • value: 438
	  • displayed: 438 - Turkmenistan
	• jp2
	  • value: 440
	  • displayed: 440 - Japan (2)
	• jp1
	  • value: 441
	  • displayed: 441 - Japan (1)
	• kr
	  • value: 450
	  • displayed: 450 - Korea, South
	• vn
	  • value: 452
	  • displayed: 452 - Viet Nam
	• hk
	  • value: 454
	  • displayed: 454 - Hong Kong (PRC)
	• mo
	  • value: 455
	  • displayed: 455 - Macau (PRC)
	• kh
	  • value: 456
	  • displayed: 456 - Cambodia
	• la
	  • value: 457
	  • displayed: 457 - Laos
	• cn
	  • value: 460
	  • displayed: 460 - China
	• tw
	  • value: 466
	  • displayed: 466 - Taiwan
	• kp
	  • value: 467
	  • displayed: 467 - Korea, North
	• bd
	  • value: 470
	  • displayed: 470 - Bangladesh
	• mv
	  • value: 472
	  • displayed: 472 - Maldives
	• my
	  • value: 502
	  • displayed: 502 - Malaysia
	• au
	  • value: 505
	  • displayed: 505 - Australia

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Name	Value

Type (continued)	• id
	  • value: 510
	  • displayed: 510 - Indonesia
	• tl
	  • value: 514
	  • displayed: 514 - East Timor
	• ph
	  • value: 515
	  • displayed: 515 - Philippines
	• th
	  • value: 520
	  • displayed: 520 - Thailand
	• sg
	  • value: 525
	  • displayed: 525 - Singapore
	• bn
	  • value: 528
	  • displayed: 528 - Brunei Darussalam
	• nz
	  • value: 530
	  • displayed: 530 - New Zealand
	• mp
	  • value: 534
	  • displayed: 534 - Northern Mariana Islands (US)
	• gu
	  • value: 535
	  • displayed: 535 - Guam (US)
	• nr
	  • value: 536
	  • displayed: 536 - Nauru
	• pg
	  • value: 537
	  • displayed: 537 - Papua New Guinea
	• to
	  • value: 539
	  • displayed: 539 - Tonga
	• sb
	  • value: 540
	  • displayed: 540 - Solomon Islands
	• vu
	  • value: 541
	  • displayed: 541 - Vanuatu
	• fj
	  • value: 542
	  • displayed: 542 - Fiji
	• wf
	  • value: 543
	  • displayed: 543 - Wallis et Futuna (France)
	• as
	  • value: 544
	  • displayed: 544 - American Samoa (US)
	• ki
	  • value: 545
	  • displayed: 545 - Kiribati

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Name	Value

Type (continued)	• nc
	  • value: 546
	  • displayed: 546 - New Caledonia (France)
	• pf
	  • value: 547
	  • displayed: 547 - French Polynesia (France)
	• ck
	  • value: 548
	  • displayed: 548 - Cook Islands (NZ)
	• ws
	  • value: 549
	  • displayed: 549 - Samoa
	• fm
	  • value: 550
	  • displayed: 550 - Federated States of Micronesia
	• mh
	  • value: 551
	  • displayed: 551 - Marshall Islands
	• pw
	  • value: 552
	  • displayed: 552 - Palau
	• eg
	  • value: 602
	  • displayed: 602 - Egypt
	• dz
	  • value: 603
	  • displayed: 603 - Algeria
	• ma
	  • value: 604
	  • displayed: 604 - Morocco
	• tn
	  • value: 605
	  • displayed: 605 - Tunisia
	• ly
	  • value: 606
	  • displayed: 606 - Libya
	• gm
	  • value: 607
	  • displayed: 607 - Gambia
	• sn
	  • value: 608
	  • displayed: 608 - Senegal
	• mr
	  • value: 609
	  • displayed: 609 - Mauritania
	• ml
	  • value: 610
	  • displayed: 610 - Mali
	• gn
	  • value: 611
	  • displayed: 611 - Guinea
	• ci
	  • value: 612
	  • displayed: 612 - Cote d'Ivoire

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Name	Value

Type (continued)	• bf
	  • value: 613
	  • displayed: 613 - Burkina Faso
	• ne
	  • value: 614
	  • displayed: 614 - Niger
	• tg
	  • value: 615
	  • displayed: 615 - Togolese Republic
	• bj
	  • value: 616
	  • displayed: 616 - Benin
	• mu
	  • value: 617
	  • displayed: 617 - Mauritius
	• lr
	  • value: 618
	  • displayed: 618 - Liberia
	• sl
	  • value: 619
	  • displayed: 619 - Sierra Leone
	• gh
	  • value: 620
	  • displayed: 620 - Ghana
	• ng
	  • value: 621
	  • displayed: 621 - Nigeria
	• td
	  • value: 622
	  • displayed: 622 - Chad
	• cf
	  • value: 623
	  • displayed: 623 - Central African Republic
	• cm
	  • value: 624
	  • displayed: 624 - Cameroon
	• cv
	  • value: 625
	  • displayed: 625 - Cape Verde
	• st
	  • value: 626
	  • displayed: 626 - Sao Tome and Principe
	• gq
	  • value: 627
	  • displayed: 627 - Equatorial Guinea
	• ga
	  • value: 628
	  • displayed: 628 - Gabonese Republic
	• cg
	  • value: 629
	  • displayed: 629 - Republic of the Congo
	• cd
	  • value: 630
	  • displayed: 630 - Democratic Republic of the Congo

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Name	Value

Type (continued)	• ao
	  • value: 631
	  • displayed: 631 - Angola
	• gw
	  • value: 632
	  • displayed: 632 - Guinea-Bissau
	• sc
	  • value: 633
	  • displayed: 633 - Seychelles
	• sd
	  • value: 634
	  • displayed: 634 - Sudan
	• rw
	  • value: 635
	  • displayed: 635 - Rwandese Republic
	• et
	  • value: 636
	  • displayed: 636 - Ethiopia
	• so
	  • value: 637
	  • displayed: 637 - Somalia
	• dj
	  • value: 638
	  • displayed: 638 - Djibouti
	• ke
	  • value: 639
	  • displayed: 639 - Kenya
	• tz
	  • value: 640
	  • displayed: 640 - Tanzania
	• ug
	  • value: 641
	  • displayed: 641 - Uganda
	• bi
	  • value: 642
	  • displayed: 642 - Burundi
	• mz
	  • value: 643
	  • displayed: 643 - Mozambique
	• zm
	  • value: 645
	  • displayed: 645 - Zambia
	• mg
	  • value: 646
	  • displayed: 646 - Madagascar
	• re
	  • value: 647
	  • displayed: 647 - Reunion (France)
	• zw
	  • value: 648
	  • displayed: 648 - Zimbabwe
	• na
	  • value: 649
	  • displayed: 649 - Namibia

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Name	Value

Type (continued)	• mw
	  • value: 650
	  • displayed: 650 - Malawi
	• ls
	  • value: 651
	  • displayed: 651 - Lesotho
	• bw
	  • value: 652
	  • displayed: 652 - Botswana
	• sz
	  • value: 653
	  • displayed: 653 - Swaziland
	• km
	  • value: 654
	  • displayed: 654 - Comoros
	• za
	  • value: 655
	  • displayed: 655 - South Africa
	• er
	  • value: 657
	  • displayed: 657 - Eritrea
	• bz
	  • value: 702
	  • displayed: 702 - Belize
	• gt
	  • value: 704
	  • displayed: 704 - Guatemala
	• sv
	  • value: 706
	  • displayed: 706 - El Salvador
	• hn
	  • value: 708
	  • displayed: 708 - Honduras
	• ni
	  • value: 710
	  • displayed: 710 - Nicaragua
	• cr
	  • value: 712
	  • displayed: 712 - Costa Rica
	• pa
	  • value: 714
	  • displayed: 714 - Panama
	• pe
	  • value: 716
	  • displayed: 716 - Peru
	• ar
	  • value: 722
	  • displayed: 722 - Argentine Republic
	• br
	  • value: 724
	  • displayed: 724 - Brazil
	• cl
	  • value: 730
	  • displayed: 730 - Chile

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Name	Value

Type (continued)	• co
	  • value: 732
	  • displayed: 732 - Colombia
	• ve
	  • value: 734
	  • displayed: 734 - Venezuela
	• bo
	  • value: 736
	  • displayed: 736 - Bolivia
	• gy
	  • value: 738
	  • displayed: 738 - Guyana
	• ec
	  • value: 740
	  • displayed: 740 - Ecuador
	• gf
	  • value: 742
	  • displayed: 742 - French Guiana (France)
	• py
	  • value: 744
	  • displayed: 744 - Paraguay
	• sr
	  • value: 746
	  • displayed: 746 - Suriname
	• uy
	  • value: 748
	  • displayed: 748 - Uruguay
	• fk
	  • value: 750
	  • displayed: 750 - Falkland Islands (Malvinas)

Default	select
Impact	fullReset
Displayed(tab/group)	plmnMobileCountryCode (Call Processing)

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Table 45-32 plmnMobileNetworkCode

Name	Value
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.
Type	string
Default	00
minimum	2
maximum	3

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Name	Value
Impact	fullReset
Displayed(tab/group)	plmnMobileNetworkCode (Call Processing)

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Table 45-33 presenceAntennaPort1

Name	Value
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.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	presenceAntennaPort1 (Call Processing)

Table 45-34 rdnId

Name	Value
Description	This attribute allows IDentifying a cell within a BS.
Type	Long integer
access	read-create
minimum	0
maximum	2147483647
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 45-35 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.
Type	Integer
minimum	0
maximum	255
Impact	partialReset
Displayed(tab/group)	relativeCellIdentity (Call Processing)

Table 45-36 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.
Type	string
minimum	8
maximum	8
Impact	partialReset
Displayed(tab/group)	relativeCellIdentity (Call Processing)

Table 45-37 resourceBlockPersistentAreaEnd

Name	Value
Description	Last Resource Block of the area where the eNodeB should allocate semi-persistent and dynamic DTCH
Type	Integer
minimum	1
maximum	99
Impact	partialReset
Displayed(tab/group)	resourceBlockPersistentAreaEnd

Table 45-38 resourceBlockPersistentAreaStart

Name	Value
Description	First Resource Block of area where the eNodeB should allocate semi-persistent and dynamic DTCH
Type	Integer
minimum	0
maximum	98
Impact	partialReset
Displayed(tab/group)	resourceBlockPersistentAreaStart

Table 45-39 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
Type	string
Impact	noReset

Table 45-40 searchWindowSizeSIB8

Name	Value
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.
Type	Integer
Default	8
minimum	0
maximum	15
Impact	noReset
Displayed(tab/group)	searchWindowSizeSIB8
Note: The value of this parameter can be unset.	

Table 45-41 sib2Periodicity

Name	Value
Description	Periodicity of SystemInformationBlockType2, as defined in TS 36.331 and broadcast in SystemInformationBlockType1

Type	• rf512
	  • value: 0
	  • displayed: Rf 512
	• rf32
	  • value: 1
	  • displayed: Rf 32
	• rf64
	  • value: 2
	  • displayed: Rf 64
	• rf16
	  • value: 3
	  • displayed: Rf 16
	• rf8
	  • value: 4
	  • displayed: Rf 8

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Name	Value

Type (continued)	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf128
	  • value: 6
	  • displayed: Rf 128

Default	rf8
Impact	noReset
Displayed(tab/group)	sib2Periodicity (Cell Periodicity/System Information Block (SIB) Periodicity)

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Table 45-42 sib3Periodicity

Name	Value
Description	Periodicity of SystemInformationBlockType3, as defined in TS 36.331 and broadcast in SystemInformationBlockType1

Type	• rf512
	  • value: 0
	  • displayed: Rf 512
	• rf32
	  • value: 1
	  • displayed: Rf 32
	• rf64
	  • value: 2
	  • displayed: Rf 64
	• rf16
	  • value: 3
	  • displayed: Rf 16
	• rf8
	  • value: 4
	  • displayed: Rf 8
	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf128
	  • value: 6
	  • displayed: Rf 128

Default	rf8
Impact	noReset
Displayed(tab/group)	sib3Periodicity (Cell Periodicity/System Information Block (SIB) Periodicity)

Table 45-43 sib4Periodicity

Name	Value
Description	Periodicity of SystemInformationBlockType4, as defined in TS 36.331 and broadcast in SystemInformationBlockType1

Type	• rf512
	  • value: 0
	  • displayed: Rf 512
	• rf32
	  • value: 1
	  • displayed: Rf 32
	• rf64
	  • value: 2
	  • displayed: Rf 64
	• rf16
	  • value: 3
	  • displayed: Rf 16
	• rf8
	  • value: 4
	  • displayed: Rf 8
	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf128
	  • value: 6
	  • displayed: Rf 128

Default	rf128
Impact	noReset
Displayed(tab/group)	sib4Periodicity (Cell Periodicity/System Information Block (SIB) Periodicity)

Table 45-44 sib5Periodicity

Name	Value
Description	Periodicity of SystemInformationBlockType5, as defined in TS 36.331 and broadcast in SystemInformationBlockType1

Type	• rf512
	  • value: 0
	  • displayed: Rf 512
	• rf32
	  • value: 1
	  • displayed: Rf 32
	• rf64
	  • value: 2
	  • displayed: Rf 64
	• rf16
	  • value: 3
	  • displayed: Rf 16
	• rf8
	  • value: 4
	  • displayed: Rf 8

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Name	Value

Type (continued)	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf128
	  • value: 6
	  • displayed: Rf 128

Default	rf8
Impact	noReset
Displayed(tab/group)	sib5Periodicity (Cell Periodicity/System Information Block (SIB) Periodicity)

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Table 45-45 sib6Periodicity

Name	Value
Description	Periodicity of SystemInformationBlockType6, as defined in TS 36.331 and broadcast in SystemInformationBlockType1

Type	• rf512
	  • value: 0
	  • displayed: Rf 512
	• rf32
	  • value: 1
	  • displayed: Rf 32
	• rf64
	  • value: 2
	  • displayed: Rf 64
	• rf16
	  • value: 3
	  • displayed: Rf 16
	• rf8
	  • value: 4
	  • displayed: Rf 8
	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf128
	  • value: 6
	  • displayed: Rf 128

Default	rf128
Impact	noReset
Displayed(tab/group)	sib6Periodicity (Cell Periodicity/System Information Block (SIB) Periodicity)

Table 45-46 sib7Periodicity

Name	Value
Description	Periodicity of SystemInformationBlockType7, as defined in TS 36.331 and broadcast in SystemInformationBlockType1

Type	• rf512
	  • value: 0
	  • displayed: Rf 512
	• rf32
	  • value: 1
	  • displayed: Rf 32
	• rf64
	  • value: 2
	  • displayed: Rf 64
	• rf16
	  • value: 3
	  • displayed: Rf 16
	• rf8
	  • value: 4
	  • displayed: Rf 8
	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf128
	  • value: 6
	  • displayed: Rf 128

Default	rf128
Impact	noReset
Displayed(tab/group)	sib7Periodicity (Cell Periodicity/System Information Block (SIB) Periodicity)

Table 45-47 sib8Periodicity

Name	Value
Description	Periodicity of SystemInformationBlockType8, as defined in TS 36.331 and broadcast in SystemInformationBlockType1

Type	• rf512
	  • value: 0
	  • displayed: Rf 512
	• rf32
	  • value: 1
	  • displayed: Rf 32
	• rf64
	  • value: 2
	  • displayed: Rf 64
	• rf16
	  • value: 3
	  • displayed: Rf 16
	• rf8
	  • value: 4
	  • displayed: Rf 8

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Name	Value

Type (continued)	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf128
	  • value: 6
	  • displayed: Rf 128

Default	rf128
Impact	noReset
Displayed(tab/group)	sib8Periodicity (Cell Periodicity/System Information Block (SIB) Periodicity)

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Table 45-48 spare0

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare0 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-49 spare1

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare1 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-50 spare2

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare2 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-51 spare3

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare3 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-52 spare4

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare4 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-53 spare5

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare5 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-54 spare6

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare6 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-55 spare7

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare7 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-56 spare8

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare8 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-57 spare9

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare9 (Cell Periodicity/Extended Configuration Capabilities)

Table 45-58 srsEnabled

Name	Value
Description	Parameter to enable/disable SRS per UE.
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	srsEnabled

Table 45-59 syncShiftBetweenCell

Name	Value
Description	The synchronization between cell
Type	Integer

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Name	Value
Default	0
minimum	0
maximum	14
Impact	partialReset
Displayed(tab/group)	syncShiftBetweenCell

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Table 45-60 trackingAreaCode

Name	Value
Description	This parameters IDentifies the Tracking Area Code to which belongs the cell Defined in TS 36.331
Type	string
minimum	16
maximum	16
Impact	fullReset
Displayed(tab/group)	trackingAreaCode

Table 45-61 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.

Type	• tm2
	  • value: 0
	  • displayed: Mode 2
	• tm4
	  • value: 1
	  • displayed: Mode 4
	• tm3
	  • value: 2
	  • displayed: Mode 3

Impact	partialReset
Displayed(tab/group)	transmissionMode (Call Processing)

Table 45-62 ul700MHzUpperCBlockEnabled

Name	Value
Description	Switch to enable 700 MHz Upper C Block configuration.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	ul700MHzUpperCBlockEnabled

Table 45-63 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.

Type	• n15_3MHz
	  • value: 0
	  • displayed: 15 Blocks (3 MHz)
	• n25_5MHz
	  • value: 1
	  • displayed: 25 Blocks (5 MHz)
	• n100_20MHz
	  • value: 2
	  • displayed: 100 Blocks (20 MHz)
	• n50_10MHz
	  • value: 3
	  • displayed: 50 Blocks (10 MHz)
	• n6_1_4MHz
	  • value: 4
	  • displayed: 6 Blocks (1.4 MHz)
	• n75_15MHz
	  • value: 5
	  • displayed: 75 Blocks (15 MHz)

Impact	partialReset
Displayed(tab/group)	ulBandwidth

Table 45-64 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.
Type	Integer

(1 of 2)

Name	Value
minimum	13000
maximum	29649
Impact	partialReset
Displayed(tab/group)	ulEARFCN

(2 of 2)

Table 45-65 ulMIMOenabled

Name	Value
Description	Switch to enable UL MIMO
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	ulMIMOenabled

Table 45-66 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.
Type	List (Pointer)
Impact	noReset
Note: The value of this parameter can be unset.	

Table 45-67 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.
Type	List (Pointer)
Impact	noReset
Note: The value of this parameter can be unset.	

46 — CellMIMOConf

Table 46-1 CellMIMOConf parameters

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

Table 46-2 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
Type	boolean
Impact	partialReset
Displayed(tab/group)	dlFullCLMimoMode

Table 46-3 dlMIMODefaultCodeBook

Name	Value
Description	Default codebook used by the DL Scheduler when no PMI received yet from the UE

Type	• 1LayerCodebook0
	  • value: 0
	  • displayed: 1 Layer Codebook 0
	• 1LayerCodebook1
	  • value: 1
	  • displayed: 1 Layer Codebook 1
	• 1LayerCodebook2
	  • value: 2
	  • displayed: 1 Layer Codebook 2
	• 1LayerCodebook3
	  • value: 3
	  • displayed: 1 Layer Codebook 3
	• 2LayersCodebook1
	  • value: 4
	  • displayed: 2 Layers Codebook 1
	• 2LayersCodebook2
	  • value: 5
	  • displayed: 2 Layers Codebook 2

Impact	partialReset
Displayed(tab/group)	dlMIMODefaultCodeBook

Table 46-4 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
Type	Integer
minimum	1
maximum	256
Impact	partialReset
Displayed(tab/group)	dlMimoSinrSwitchAveragingCoefficient

Table 46-5 dlSinrThresholdBetweenCLMimoAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode in dB
Type	IP address exclusively (hostname not allowed)
minimum	-10
maximum	30

(1 of 2)

Name	Value
Units	dB
Impact	partialReset
Displayed(tab/group)	dlSinrThresholdBetweenCLMimoAndTxDiv

(2 of 2)

Table 46-6 dlSinrThresholdBetweenCLMimoTwoLayersAndOneLayer

Name	Value
Description	Signal to noise ratio threshold for switching mode between CL MIMO 2 layers & CL MIMO 1 layer in dB
Type	IP address exclusively (hostname not allowed)
minimum	-10
maximum	30
Units	dB
Impact	partialReset
Displayed(tab/group)	dlSinrThresholdBetweenCLMimoTwoLayersAndOneLayer

Table 46-7 dlSinrThresholdBetweenOLMimoAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode in dB
Type	IP address exclusively (hostname not allowed)
minimum	-10
maximum	30
Units	dB
Impact	partialReset
Displayed(tab/group)	dlSinrThresholdBetweenOLMimoAndTxDiv

Table 46-8 dlSpeedThresholdBetweenCLMimoAndTxDiv

Name	Value
Description	Speed threshold for switching mode in km/h
Type	Integer
minimum	0
maximum	120

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	dlSpeedThresholdBetweenCLMimoAndTxDiv

(2 of 2)

Table 46-9 dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer

Name	Value
Description	Speed threshold for switching mode between CL MIMO 2 layers & CL MIMO 1 layer in km/h
Type	Integer
minimum	0
maximum	120
Impact	partialReset
Displayed(tab/group)	dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer

Table 46-10 dlSpeedThresholdBetweenOLMimoAndTxDiv

Name	Value
Description	Speed threshold for switching mode in km/h
Type	Integer
minimum	0
maximum	120
Impact	partialReset
Displayed(tab/group)	dlSpeedThresholdBetweenOLMimoAndTxDiv

Table 46-11 dlSpeedThresholdForDisablingPMI

Name	Value
Description	Speed threshold to stop using PMI report and backup to PMI shuffling algorithm in km/h
Type	Integer
minimum	0
maximum	120
Impact	partialReset
Displayed(tab/group)	dlSpeedThresholdForDisablingPMI

Table 46-12 id

Name	Value
Description	CellMIMOConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 46-13 ulMIMOPHthreshold

Name	Value
Description	defines Minimum power headroom to be considered for UL-MU-MIMO scheduling
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	-150
maximum	0
Impact	partialReset
Displayed(tab/group)	ulMIMOPHthreshold

Table 46-14 ulMIMOPRBthreshold

Name	Value
Description	defines minimum nbr of granted PRBs to consider the UE for UL MU MIMO pairing
Type	Integer
Default	2
minimum	2
maximum	100
Impact	partialReset
Displayed(tab/group)	ulMIMOPRBthreshold

Table 46-15 ulMIMOULPLDthreshold

Name	Value
Description	defines the UL pathlos difference between candidate users for UL-MU-MIMO scheduling
Type	Integer
Default	0
minimum	0
maximum	300
Units	dB
Impact	partialReset
Displayed(tab/group)	ulMIMOULPLDthreshold

Table 46-16 ulMIMOULPLDthresholdFlag

Name	Value
Description	Flag to enable/disable UL MIMO path loss difference threshold.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	ulMIMOULPLDthresholdFlag

Table 46-17 ulMIMOULPLthreshold

Name	Value
Description	defines UL path loss threshold for UL MIMO
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	-150
maximum	0
Impact	partialReset
Displayed(tab/group)	ulMIMOULPLthreshold

47 — CellRachConfFDD

Table 47-1 CellRachConfFDD parameters

Parameters	
id	prachConfigurationIndex
maxHARQmsg3Tx	rACHMessage3NumberOfPRBs

Table 47-2 id

Name	Value
Description	CellRachConfFDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 47-3 maxHARQmsg3Tx

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

(1 of 2)

Name	Value
Default	3
minimum	1
maximum	8
Impact	partialReset
Displayed(tab/group)	maxHARQmsg3Tx

(2 of 2)

Table 47-4 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).
Type	Integer
Default	3
minimum	0
maximum	63
Impact	partialReset
Displayed(tab/group)	prachConfigurationIndex

Table 47-5 rACHMessage3NumberOfPRBs

Name	Value
Description	Number of PRBs for RACH message 3
Type	Integer
Default	2
minimum	1
maximum	4
Impact	partialReset
Displayed(tab/group)	rACHMessage3NumberOfPRBs

48 — CellRachConf

Table 48-1 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 48-2 cCCHSRB0SubFrameNumber

Name	Value
Description	Sub-frame number to be used for the SRB0
Type	Integer
Default	8
minimum	0

(1 of 2)

Name	Value
maximum	9
Impact	partialReset
Displayed(tab/group)	cCCHSRB0SubFrameNumber

(2 of 2)

Table 48-3 contentionFreeRACHenabled

Name	Value
Description	Flag to enable contention free RACH on the cell associated to this profile.
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	contentionFreeRACHenabled

Table 48-4 highSpeedFlag

Name	Value
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
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	highSpeedFlag

Table 48-5 id

Name	Value
Description	CellRachConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 48-6 macContentionResolutionTimer

Name	Value
Description	Defines value of MAC contention resolution timer, as per 36.321.

Type	• sf64
	  • value: 0
	  • displayed: Sf 64
	• sf48
	  • value: 1
	  • displayed: Sf 48
	• sf56
	  • value: 2
	  • displayed: Sf 56
	• sf24
	  • value: 3
	  • displayed: Sf 24
	• sf8
	  • value: 4
	  • displayed: Sf 8
	• sf32
	  • value: 5
	  • displayed: Sf 32
	• sf16
	  • value: 6
	  • displayed: Sf 16
	• sf40
	  • value: 7
	  • displayed: Sf 40

Default	sf64
Impact	partialReset
Displayed(tab/group)	macContentionResolutionTimer

Table 48-7 maxHARQmsg3Tx

Name	Value
Description	Defines maximum number of UL transmissions for RACH message 3
Type	Integer
Default	3
minimum	1
maximum	8
Impact	partialReset
Displayed(tab/group)	maxHARQmsg3Tx

Table 48-8 maxRACHTransmitPower

Name	Value
Description	defines maximum RACH preamble transmit power parameter. Ranges [-60, 30] dBm with step 0.5 (10MHz,48RB).
Type	IP address exclusively (hostname not allowed)
Default	23.0
minimum	-60
maximum	30
Units	dBm
Impact	partialReset
Displayed(tab/group)	maxRACHTransmitPower

Table 48-9 maximumNumberOfDLTransmisionsRACHMessage4

Name	Value
Description	Maximum of HARQ transmissions attempts for RACH Message 4
Type	Integer
Default	8
minimum	1
maximum	8
Impact	partialReset
Displayed(tab/group)	maximumNumberOfDLTransmisionsRACHMessage4

Table 48-10 minRACHTransmitPower

Name	Value
Description	defines minimum RACH preamble transmit power parameter. Ranges [-60, 30] dBm with step 0.5 (10MHz,48RB).
Type	IP address exclusively (hostname not allowed)
Default	-60.0
minimum	-60
maximum	30
Units	dBm
Impact	partialReset
Displayed(tab/group)	minRACHTransmitPower

Table 48-11 numberOfRAPreambles

Name	Value
Description	Number of RA preambles per cell. Values supported in LA1.0 are <56, 60, 64>.
Type	Integer
Default	56
minimum	56
maximum	64
Impact	partialReset
Displayed(tab/group)	numberOfRAPreambles

Table 48-12 pRACHPreambleDetectorThreshold

Name	Value
Description	PRACH Preamble Detector Threshold
Type	Integer
Default	32768
minimum	0
maximum	65535
Impact	partialReset
Displayed(tab/group)	pRACHPreambleDetectorThreshold

Table 48-13 pRACHpowerSetting

Name	Value
Description	Defines the RACH Power Setting broadcast on the SIB.
Type	Integer
minimum	-120
maximum	-90
Units	dBm
Impact	partialReset
Displayed(tab/group)	pRACHpowerSetting

Table 48-14 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).
Type	Integer
minimum	0
maximum	63
Impact	partialReset
Displayed(tab/group)	prachConfigurationIndex

Table 48-15 prachFrequencyOffset

Name	Value
Description	Defines the frequency offset for PRACH transmission.
Type	Integer
Default	2
minimum	0
maximum	99
Units	PRB
Impact	partialReset
Displayed(tab/group)	prachFrequencyOffset

Table 48-16 preambleInitialReceivedTargetPower

Name	Value
Description	defines initial preamble transmit power parameter. Ranges [-120, -90] dB with granularity of 2dB

Type	• dBm_104
	  • value: 0
	  • displayed: -104 dB
	• dBm_102
	  • value: 1
	  • displayed: -102 dB
	• dBm_100
	  • value: 2
	  • displayed: -100 dB
	• dBm_108
	  • value: 3
	  • displayed: -108 dB

(1 of 2)

Name	Value

Type (continued)	• dBm_106
	  • value: 4
	  • displayed: -106 dB
	• dBm_118
	  • value: 5
	  • displayed: -118 dB
	• dBm_96
	  • value: 6
	  • displayed: -96 dB
	• dBm_94
	  • value: 7
	  • displayed: -94 dB
	• dBm_116
	  • value: 8
	  • displayed: -116 dB
	• dBm_98
	  • value: 9
	  • displayed: -98 dB
	• dBm_110
	  • value: 10
	  • displayed: -110 dB
	• dBm_120
	  • value: 11
	  • displayed: -120 dB
	• dBm_92
	  • value: 12
	  • displayed: -92 dB
	• dBm_114
	  • value: 13
	  • displayed: -114 dB
	• dBm_90
	  • value: 14
	  • displayed: -90 dB
	• dBm_112
	  • value: 15
	  • displayed: -112 dB

Default	dBm_104
Impact	partialReset
Displayed(tab/group)	preambleInitialReceivedTargetPower

(2 of 2)

Table 48-17 preambleTransMax

Name	Value
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.

Type	• n10
	  • value: 0
	  • displayed: 10 preambles

(1 of 2)

Name	Value

Type (continued)	• n200
	  • value: 1
	  • displayed: 200 preambles
	• n20
	  • value: 2
	  • displayed: 20 preambles
	• n5
	  • value: 3
	  • displayed: 5 preambles
	• n4
	  • value: 4
	  • displayed: 4 preambles
	• n3
	  • value: 5
	  • displayed: 3 preambles
	• n8
	  • value: 6
	  • displayed: 8 preambles
	• n7
	  • value: 7
	  • displayed: 7 preambles
	• n6
	  • value: 8
	  • displayed: 6 preambles
	• n50
	  • value: 9
	  • displayed: 50 preambles
	• n100
	  • value: 10
	  • displayed: 100 preambles

Default	n3
Impact	partialReset
Displayed(tab/group)	preambleTransMax

(2 of 2)

Table 48-18 preambleTransmitPowerStepSize

Name	Value
Description	defines preamble transmit power step size. Ranges [0,2,4,6] dB.

Type	• dB0
	  • value: 0
	  • displayed: 0 dB
	• dB2
	  • value: 1
	  • displayed: 2 dB
	• dB4
	  • value: 2
	  • displayed: 4 dB

(1 of 2)

Name	Value

Type (continued)	• dB6
	  • value: 3
	  • displayed: 6 dB

Default	dB6
Impact	partialReset
Displayed(tab/group)	preambleTransmitPowerStepSize

(2 of 2)

Table 48-19 rABackoff

Name	Value
Description	defines RA backoff parameter
Type	Integer
Default	6
minimum	0
maximum	12
Impact	partialReset
Displayed(tab/group)	rABackoff

Table 48-20 rACHMessage3MCSIndex

Name	Value
Description	MCS index for RACH message 3. MCS index is in TS36.213, Table 8.6.1.1. Supported range is 03.
Type	Integer
Default	3
minimum	0
maximum	4
Impact	partialReset
Displayed(tab/group)	rACHMessage3MCSIndex

Table 48-21 rACHMessage3NumberOfPRBs

Name	Value
Description	Number of PRBs for RACH message 3
Type	Integer
Default	2

(1 of 2)

Name	Value
minimum	1
maximum	2
Impact	partialReset
Displayed(tab/group)	rACHMessage3NumberOfPRBs

(2 of 2)

Table 48-22 rACHMessage3StartingPRBIndex

Name	Value
Description	Starting PRB index for RACH message 3 Area
Type	Integer
Default	2
minimum	0
maximum	99
Impact	partialReset
Displayed(tab/group)	rACHMessage3StartingPRBIndex

Table 48-23 raResponseWindowSize

Name	Value
Description	Defines RA response size, as per 36.321

Type	• sf10
	  • value: 0
	  • displayed: Sf 10
	• sf7
	  • value: 1
	  • displayed: Sf 7
	• sf8
	  • value: 2
	  • displayed: Sf 8
	• sf5
	  • value: 3
	  • displayed: Sf 5
	• sf6
	  • value: 4
	  • displayed: Sf 6
	• sf3
	  • value: 5
	  • displayed: Sf 3
	• sf4
	  • value: 6
	  • displayed: Sf 4

(1 of 2)

Name	Value

Type (continued)	• sf2
	  • value: 7
	  • displayed: Sf 2

Default	sf3
Impact	partialReset
Displayed(tab/group)	raResponseWindowSize

(2 of 2)

Table 48-24 rachMsg2ForceMCSmin

Name	Value
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.
Type	Integer
Default	-1
minimum	-1
maximum	9
Impact	partialReset
Displayed(tab/group)	rachMsg2ForceMCSmin

Table 48-25 rachMsg4ForceMCSmin

Name	Value
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.
Type	Integer
Default	-1
minimum	-1
maximum	9
Impact	partialReset
Displayed(tab/group)	rachMsg4ForceMCSmin

Table 48-26 rootSequenceIndex

Name	Value
Description	Defines parameter Root-sequence-index, see TS 36.211, table 5.7.2-4 and 5.7.2-5
Type	Integer
Default	1
minimum	0
maximum	837
Impact	partialReset
Displayed(tab/group)	rootSequenceIndex

Table 48-27 tPCRACHMsg3

Name	Value
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.

Type	• _2dB
	  • value: 0
	  • displayed: -2 dB
	• 6dB
	  • value: 1
	  • displayed: 6 dB
	• 4dB
	  • value: 2
	  • displayed: 4 dB
	• 0dB
	  • value: 3
	  • displayed: 0 dB
	• _4dB
	  • value: 4
	  • displayed: -4 dB
	• 2dB
	  • value: 5
	  • displayed: 2 dB
	• _6dB
	  • value: 6
	  • displayed: -6 dB
	• 8dB
	  • value: 7
	  • displayed: 8 dB

Default	4dB
Units	dB
Impact	partialReset
Displayed(tab/group)	tPCRACHMsg3

Table 48-28 zeroCorrelationZoneConfig

Name	Value
Description	Defines N_CS configuration, see TS 36.211, [21, 5.7.2: table 5.7.2-2]
Type	Integer
Default	9
minimum	0
maximum	15
Impact	partialReset
Displayed(tab/group)	zeroCorrelationZoneConfig

49 — CellRachConfTDD

Table 49-1 CellRachConfTDD parameters

Parameters	
adaptiveMsg3PowerControlEnable id maxHARQmsg3Tx pdcchOrderTransMax	prachConfigurationIndex rACHMessage3NumberOfPRBs receptionOfMsg1Timer

Table 49-2 adaptiveMsg3PowerControlEnable

Name	Value
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.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	adaptiveMsg3PowerControlEnable

Table 49-3 id

Name	Value
Description	CellRachConfTDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 49-4 maxHARQmsg3Tx

Name	Value
Description	Defines maximum number of UL transmissions for RACH message 3
Type	Integer
Default	4
minimum	1
maximum	4
Impact	partialReset
Displayed(tab/group)	maxHARQmsg3Tx

Table 49-5 pdcchOrderTransMax

Name	Value
Description	The maximum number of transmission for PDCCH order
Type	Integer
Default	4
minimum	1
maximum	8
Impact	partialReset
Displayed(tab/group)	pdcchOrderTransMax

Table 49-6 prachConfigurationIndex

Name	Value
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).
Type	Integer
Default	3
minimum	0
maximum	57
Impact	partialReset
Displayed(tab/group)	prachConfigurationIndex

Table 49-7 rACHMessage3NumberOfPRBs

Name	Value
Description	Number of PRBs for RACH message 3
Type	Integer
Default	3
minimum	1
maximum	4
Impact	partialReset
Displayed(tab/group)	rACHMessage3NumberOfPRBs

Table 49-8 receptionOfMsg1Timer

Name	Value
Description	a timer of eNodeB waiting for msg1 after transmission of PDCCH order(msg 0).
Type	Integer
Default	20
minimum	10
maximum	30
Units	ms
Impact	partialReset
Displayed(tab/group)	receptionOfMsg1Timer

50 — CellReselectionConfGERAN

Table 50-1 CellReselectionConfGERAN parameters

Parameters	
cellReselectionPriority id nccPermitted pMaxGeran	qRxlevmin threshXHigh threshXLow

Table 50-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) to GERAN Defined in TS 36.331 Broadcast in SystemInformationBlockType7
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	cellReselectionPriority

Table 50-3 id

Name	Value
Description	CellReselectionConfGERAN identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 50-4 nccPermitted

Name	Value
Description	This parameter configures the IE ncc-Permitted included in IE SystemInformationBlockType7
Type	string
Default	11111111
minimum	8
maximum	8
Impact	noReset
Displayed(tab/group)	nccPermitted

Table 50-5 pMaxGeran

Name	Value
Description	This parameter configures the IE p-MaxGERAN included in IE SystemInformationBlockType7
Type	Integer
minimum	0
maximum	39
Units	dBm
Impact	noReset
Displayed(tab/group)	pMaxGeran

Table 50-6 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)
Type	Integer
minimum	-115
maximum	-25
Units	dBm
Impact	noReset
Displayed(tab/group)	qRxlevmin

Table 50-7 threshXHigh

Name	Value
Description	This parameter configures the IE threshX-High included in IE SystemInformationBlockType7
Type	Integer
minimum	0
maximum	31
Units	dB
Impact	noReset
Displayed(tab/group)	threshXHigh

Table 50-8 threshXLow

Name	Value
Description	This parameter configures the IE threshX-Low included in IE SystemInformationBlockType7
Type	Integer
minimum	0
maximum	31
Units	dB
Impact	noReset
Displayed(tab/group)	threshXLow

51 — CellReselectionConfHrpd

Table 51-1 CellReselectionConfHrpd parameters

Parameters	
cellReselectionPriority id	threshXHigh threshXLow

Table 51-2 cellReselectionPriority

Name	Value
Description	This parameter is the absolute priority of the concerned CDMA2000 bandclass (0 means lowest priority). See 3GPP 36.331.
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	cellReselectionPriority

Table 51-3 id

Name	Value
Description	CellReselectionConfHrpd identifier
Type	Integer

(1 of 2)

Name	Value
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

Table 51-4 threshXHigh

Name	Value
Description	This parameter (corresponds to threshX-High in 36.331) is the high threshold used in reselection towards this CDMA2000 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.
Type	IP address exclusively (hostname not allowed)
minimum	-31.5
maximum	0
Units	dB
Impact	noReset
Displayed(tab/group)	threshXHigh

Table 51-5 threshXLow

Name	Value
Description	This parameter (corresponds to threshX-High in 36.331) is the low threshold used in reselection towards this CDMA2000 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.
Type	IP address exclusively (hostname not allowed)
minimum	-31.5
maximum	0
Units	dB
Impact	noReset
Displayed(tab/group)	threshXLow

52 — CellReselectionConfInterFreq

Table 52-1 CellReselectionConfInterFreq parameters

Parameters	
cellReselectionPriority id offsetFreq qRxLevMin	threshXHigh threshXLow tReselectionEUTRAN

Table 52-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) Defined in TS 36.331 Broadcast in SystemInformationBlockType5
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	cellReselectionPriority

Table 52-3 id

Name	Value
Description	CellReselectionConfInterFreq identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 52-4 offsetFreq

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE q-OffsetFreq included in the SIB5. Offset value applicable to the carrier frequency.

Type	• dB_2
	  • value: 0
	  • displayed: -2 dB
	• dB_24
	  • value: 1
	  • displayed: -24 dB
	• dB_1
	  • value: 2
	  • displayed: -1 dB
	• dB0
	  • value: 3
	  • displayed: 0 dB
	• dB1
	  • value: 4
	  • displayed: 1 dB
	• dB_6
	  • value: 5
	  • displayed: -6 dB
	• dB2
	  • value: 6
	  • displayed: 2 dB
	• dB20
	  • value: 7
	  • displayed: 20 dB
	• dB_5
	  • value: 8
	  • displayed: -5 dB
	• dB3
	  • value: 9
	  • displayed: 3 dB
	• dB_4
	  • value: 10
	  • displayed: -4 dB

(1 of 3)

Name	Value

Type (continued)	• dB_10
	  • value: 11
	  • displayed: -10 dB
	• dB4
	  • value: 12
	  • displayed: 4 dB
	• dB22
	  • value: 13
	  • displayed: 22 dB
	• dB_3
	  • value: 14
	  • displayed: -3 dB
	• dB5
	  • value: 15
	  • displayed: 5 dB
	• dB6
	  • value: 16
	  • displayed: 6 dB
	• dB_8
	  • value: 17
	  • displayed: -8 dB
	• dB8
	  • value: 18
	  • displayed: 8 dB
	• dB14
	  • value: 19
	  • displayed: 14 dB
	• dB_12
	  • value: 20
	  • displayed: -12 dB
	• dB16
	  • value: 21
	  • displayed: 16 dB
	• dB_14
	  • value: 22
	  • displayed: -14 dB
	• dB_20
	  • value: 23
	  • displayed: -20 dB
	• dB18
	  • value: 24
	  • displayed: 18 dB
	• dB_16
	  • value: 25
	  • displayed: -16 dB
	• dB_22
	  • value: 26
	  • displayed: -22 dB
	• dB_18
	  • value: 27
	  • displayed: -18 dB
	• spare
	  • value: 28
	  • displayed: Spare

(2 of 3)

Name	Value

Type (continued)	• dB10
	  • value: 29
	  • displayed: 10 dB
	• dB24
	  • value: 30
	  • displayed: 24 dB
	• dB12
	  • value: 31
	  • displayed: 12 dB

Default	dB0
Units	dB
Impact	noReset
Displayed(tab/group)	offsetFreq

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Table 52-5 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
Type	Integer
minimum	-140
maximum	-44
Units	dBm
Impact	noReset
Displayed(tab/group)	qRxLevMin

Table 52-6 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
Type	Integer
minimum	0
maximum	7
Units	s
Impact	noReset
Displayed(tab/group)	tReselectionEUTRAN

Table 52-7 threshXHigh

Name	Value
Description	3GPP 36.331 This parameter configures the IE threshX-High included in IE SystemInformationBlockType5
Type	Integer
minimum	0
maximum	31
Units	dB
Impact	noReset
Displayed(tab/group)	threshXHigh

Table 52-8 threshXLow

Name	Value
Description	3GPP 36.331 This parameter configures the IE threshX-Low included in IE SystemInformationBlockType5
Type	Integer
minimum	0
maximum	31
Units	dB
Impact	noReset
Displayed(tab/group)	threshXLow

53 — CellReselectionConfLte

Table 53-1 CellReselectionConfLte parameters

Parameters	
cellReselectionPriority id pMax qRxLevMin	threshXHigh threshXLow tReselectionEUTRAN

Table 53-2 cellReselectionPriority

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	cellReselectionPriority

Table 53-3 id

Name	Value
Description	CellReselectionConfLte identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 53-4 pMax

Name	Value
Description	This parameter specifies the maximum UL power level allowed to be transmitted for neighbor cell reselection, including intra frequency. The parameter corresponds to P_EMAX in TS 36.101.
Type	Integer
Default	0
minimum	-30
maximum	33
Units	dBm
Impact	noReset
Displayed(tab/group)	pMax

Table 53-5 qRxLevMin

Name	Value
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.
Type	Integer
Default	-70
minimum	-140
maximum	-44
Units	dBm
Impact	noReset
Displayed(tab/group)	qRxLevMin

Table 53-6 tReselectionEUTRAN

Name	Value
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.
Type	Integer
Default	2
minimum	0
maximum	7
Units	s
Impact	noReset
Displayed(tab/group)	tReselectionEUTRAN

Table 53-7 threshXHigh

Name	Value
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.
Type	Integer
Default	10
minimum	0
maximum	31
Units	dB
Impact	noReset
Displayed(tab/group)	threshXHigh

Table 53-8 threshXLow

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	31
Units	dB

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Name	Value
Impact	noReset
Displayed(tab/group)	threshXLow

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54 — CellReselectionConfUtraFdd

Table 54-1 CellReselectionConfUtraFdd parameters

Parameters	
cellReselectionPriority id pMaxUTRA qQualMin	qRxLevMin threshXHigh threshXLow

Table 54-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) to UTRA FDD Defined in TS 36.331 Broadcast in SystemInformationBlockType6
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	cellReselectionPriority

Table 54-3 id

Name	Value
Description	CellReselectionConfUtraFdd identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 54-4 pMaxUTRA

Name	Value
Description	TS36.331: this parameter configures the p-MaxUTRA included in the IE SystemInformationBlockType6
Type	Integer
minimum	-50
maximum	33
Units	dBm
Impact	noReset
Displayed(tab/group)	pMaxUTRA

Table 54-5 qQualMin

Name	Value
Description	TS36.331: this parameter configures the q-QualMin included in the IE SystemInformationBlockType6
Type	Integer
minimum	-24
maximum	0
Units	dB
Impact	noReset
Displayed(tab/group)	qQualMin

Table 54-6 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)
Type	Integer
minimum	-119
maximum	-25
Units	dBm
Impact	noReset
Displayed(tab/group)	qRxLevMin

Table 54-7 threshXHigh

Name	Value
Description	TS36.331: this parameter configures the threshX-High included in the IE SystemInformationBlockType6
Type	Integer
minimum	0
maximum	31
Units	dB
Impact	noReset
Displayed(tab/group)	threshXHigh

Table 54-8 threshXLow

Name	Value
Description	TS36.331: this parameter configures the threshX-Low included in the IE SystemInformationBlockType6
Type	Integer
minimum	0
maximum	31
Units	dB
Impact	noReset
Displayed(tab/group)	threshXLow

55 — CellReselectionConfUtraTdd

Table 55-1 CellReselectionConfUtraTdd parameters

Parameters	
cellReselectionPriority id pMaxUTRA	qRxLevMin threshXHigh threshXLow

Table 55-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) to UTRA TDD Defined in TS 36.331 Broadcast in SystemInformationBlockType6
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	cellReselectionPriority

Table 55-3 id

Name	Value
Description	CellReselectionConfUtraTdd identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 55-4 pMaxUTRA

Name	Value
Description	TS36.331: this parameter configures the p-MaxUTRA included in SystemInformationBlockType6
Type	Integer
minimum	-50
maximum	33
Units	dBm
Impact	noReset
Displayed(tab/group)	pMaxUTRA

Table 55-5 qRxLevMin

Name	Value
Description	TS36.331: this parameter configures the q-RxLevMin included in SystemInformationBlockType6
Type	Integer
minimum	-119
maximum	-13
Units	dBm
Impact	noReset
Displayed(tab/group)	qRxLevMin

Table 55-6 threshXHigh

Name	Value
Description	TS36.331: this parameter configures the threshX-High included in SystemInformationBlockType6
Type	Integer
minimum	0
maximum	31
Units	dB
Impact	noReset
Displayed(tab/group)	threshXHigh

Table 55-7 threshXLow

Name	Value
Description	TS36.331: this parameter configures the threshX-Low included in SystemInformationBlockType6
Type	Integer
minimum	0
maximum	31
Units	dB
Impact	noReset
Displayed(tab/group)	threshXLow

56 — CellSelectionReselectionConf

Table 56-1 CellSelectionReselectionConf parameters

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

Table 56-2 cellReselectionPriority

Name	Value
Description	Relative priority for cell reselection (0 means lowest priority) Defined in TS 36.331 Broadcast in SystemInformationBlockType3
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	cellReselectionPriority

Table 56-3 id

Name	Value
Description	CellSelectionReselectionConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 56-4 intraFrequencyReselection

Name	Value
Description	This parameter indicates whether intra-frequency cell reselection is allowed when the cell is barred Defined in TS 36.331 Broadcast in SystemInformationBlockType1

Type	• allowed
	  • value: 0
	  • displayed: Allowed
	• notAllowed
	  • value: 1
	  • displayed: Not Allowed

Default	allowed
Impact	noReset
Displayed(tab/group)	intraFrequencyReselection

Table 56-5 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

Type	• mbw100
	  • value: 0
	  • displayed: Mbw 100
	• mbw75
	  • value: 1
	  • displayed: Mbw 75
	• mbw15
	  • value: 2
	  • displayed: Mbw 15

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Name	Value

Type (continued)	• mbw6
	  • value: 3
	  • displayed: Mbw 6
	• mbw50
	  • value: 4
	  • displayed: Mbw 50
	• mbw25
	  • value: 5
	  • displayed: Mbw 25

Impact	noReset
Displayed(tab/group)	measurementBandwidth

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Table 56-6 pMax

Name	Value
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
Type	Integer
Default	0
minimum	-30
maximum	33
Units	dBm
Impact	partialReset
Displayed(tab/group)	pMax

Table 56-7 qHyst

Name	Value
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

Type	• dB0
	  • value: 0
	  • displayed: 0 dB
	• dB1
	  • value: 1
	  • displayed: 1 dB
	• dB2
	  • value: 2
	  • displayed: 2 dB

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Name	Value

Type (continued)	• dB20
	  • value: 3
	  • displayed: 20 dB
	• dB3
	  • value: 4
	  • displayed: 3 dB
	• dB4
	  • value: 5
	  • displayed: 4 dB
	• dB22
	  • value: 6
	  • displayed: 22 dB
	• dB5
	  • value: 7
	  • displayed: 5 dB
	• dB6
	  • value: 8
	  • displayed: 6 dB
	• dB8
	  • value: 9
	  • displayed: 8 dB
	• dB10
	  • value: 10
	  • displayed: 10 dB
	• dB14
	  • value: 11
	  • displayed: 14 dB
	• dB24
	  • value: 12
	  • displayed: 24 dB
	• dB12
	  • value: 13
	  • displayed: 12 dB
	• dB16
	  • value: 14
	  • displayed: 16 dB
	• dB18
	  • value: 15
	  • displayed: 18 dB

Default	dB4
Units	dB
Impact	noReset
Displayed(tab/group)	qHyst

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Table 56-8 qRxLevMin

Name	Value
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
Type	Integer
Default	-50
minimum	-140
maximum	-22
Units	dBm
Impact	noReset
Displayed(tab/group)	qRxLevMin

Table 56-9 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
Type	Integer
minimum	-140
maximum	-22
Units	dBm
Impact	noReset
Displayed(tab/group)	qRxLevMinIntraFreqNeighbour

Table 56-10 qRxlevminoffset

Name	Value
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
Type	Integer
Default	2
minimum	1
maximum	16

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Name	Value
Units	dB
Impact	noReset
Displayed(tab/group)	qRxlevminoffset

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Table 56-11 sIntraSearch

Name	Value
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
Type	Integer
Default	10
minimum	0
maximum	62
Units	dB
Impact	noReset
Displayed(tab/group)	sIntraSearch

Table 56-12 sNonIntraSearch

Name	Value
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
Type	Integer
Default	2
minimum	0
maximum	62
Units	dB
Impact	noReset
Displayed(tab/group)	sNonIntraSearch

Table 56-13 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
Type	Integer
minimum	0
maximum	7
Units	s
Impact	noReset
Displayed(tab/group)	tReselectionEUTRAN

Table 56-14 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.
Type	Integer
minimum	0
maximum	7
Units	s
Impact	noReset
Displayed(tab/group)	tReselectionUtra
Note: The value of this parameter can be unset.	

Table 56-15 threshServingLow

Name	Value
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
Type	Integer
Default	0
minimum	0
maximum	62
Units	dB
Impact	noReset
Displayed(tab/group)	threshServingLow

57 — ClockSync

Table 57-1 ClockSync parameters

Parameters	
clockSyncSourcePriorityList	ptpClientEnable
gpsClockEnable	sfnPhaseSyncEnable
gpsModeSelect	sfnSyncOption
id	syncEClockEnable

Table 57-2 clockSyncSourcePriorityList

Name	Value
Description	This parameter defines the LIST of synchronization methods ranked by operator preference order (from highest to lowest).

Type	• free_running
	  • value: 0
	  • displayed: Free-running
	• externally_synchronised_mode_1
	  • value: 1
	  • displayed: Externally Synchronised Mode 1 SyncE
	• externally_synchronised_mode_2
	  • value: 2
	  • displayed: Externally Synchronised Mode 2 Ptp 1588
	• gps_synchronised
	  • value: 3
	  • displayed: GPS Synchronised
	• clock_master_bs
	  • value: 4
	  • displayed: Clock Master Base Station

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Name	Value

Type (continued)	• externally_synchronised_mode_3
	  • value: 5
	  • displayed: Externally Synchronised Mode 3 External clock
	• externally_synchronised_mode_4
	  • value: 6
	  • displayed: Externally Synchronised Mode 4 Satellite
	• externally_synchronized_mode_1
	  • value: 11
	  • displayed: Externally Synchronized Mode 1 SyncE
	• externally_synchronized_mode_2
	  • value: 12
	  • displayed: Externally Synchronized Mode 2 Ptp 1588
	• gps_synchronized
	  • value: 13
	  • displayed: GPS Synchronized
	• externally_synchronized_mode_3
	  • value: 15
	  • displayed: Externally Synchronized Mode 3 External clock
	• externally_synchronized_mode_4
	  • value: 16
	  • displayed: Externally Synchronized Mode 4 Satellite

Impact	partialReset

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Table 57-3 gpsClockEnable

Name	Value
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
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	gpsClockEnable

Table 57-4 gpsModeSelect

Name	Value
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.

Type	• UnmanagedInternalGPSreceiver
	  • value: 0
	  • displayed: Unmanaged Internal GPS receiver

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Name	Value

Type (continued)	• UnmanagedExternalGPSreceiver
	  • value: 1
	  • displayed: Unmanaged External GPS receiver
	• ManagedInternalGPSreceiver
	  • value: 2
	  • displayed: Managed Internal GPS receiver
	• ManagedExternalGPSreceiver
	  • value: 3
	  • displayed: Managed External GPS receiver

Default	UnmanagedInternalGPSreceiver
Impact	partialReset
Displayed(tab/group)	gpsModeSelect

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Table 57-5 id

Name	Value
Description	ClockSync identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 57-6 ptpClientEnable

Name	Value
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
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	ptpClientEnable

Table 57-7 sfnPhaseSyncEnable

Name	Value
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

Type	• freqSyncOnly
	  • value: 0
	  • displayed: Frequency Sync Only
	• phaseSyncEnabled
	  • value: 1
	  • displayed: Phase Sync Enabled

Default	freqSyncOnly
Impact	partialReset
Displayed(tab/group)	sfnPhaseSyncEnable

Table 57-8 sfnSyncOption

Name	Value
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

Type	• FreqSyncOnly
	  • value: 0
	  • displayed: Frequency Sync Only
	• FreqAndPhaseSyncEnabled
	  • value: 1
	  • displayed: Frequency And Phase Sync Enabled
	• FreqAndPhaseAndTimeOfDaySyncEnabled
	  • value: 2
	  • displayed: Frequency, Phase, and Time Of Day Sync Enabled

Default	FreqSyncOnly
Impact	partialReset
Displayed(tab/group)	sfnSyncOption

Table 57-9 syncEClockEnable

Name	Value
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
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	syncEClockEnable

58 — CodebookSubsetRestriction

Table 58-1 CodebookSubsetRestriction parameters

Parameters	
id n2TxAntennaTm4OneLayerCodebook0 n2TxAntennaTm4OneLayerCodebook1 n2TxAntennaTm4OneLayerCodebook2	n2TxAntennaTm4OneLayerCodebook3 n2TxAntennaTm4TwoLayersCodebook1 n2TxAntennaTm4TwoLayersCodebook2

Table 58-2 id

Name	Value
Description	CodebookSubsetRestriction identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 58-3 n2TxAntennaTm4OneLayerCodebook0

Name	Value
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	n2TxAntennaTm4OneLayerCodebook0

Table 58-4 n2TxAntennaTm4OneLayerCodebook1

Name	Value
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	n2TxAntennaTm4OneLayerCodebook1

Table 58-5 n2TxAntennaTm4OneLayerCodebook2

Name	Value
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	n2TxAntennaTm4OneLayerCodebook2

Table 58-6 n2TxAntennaTm4OneLayerCodebook3

Name	Value
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Type	boolean
Default	true

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Name	Value
Impact	partialReset
Displayed(tab/group)	n2TxAntennaTm4OneLayerCodebook3

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Table 58-7 n2TxAntennaTm4TwoLayersCodebook1

Name	Value
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	n2TxAntennaTm4TwoLayersCodebook1

Table 58-8 n2TxAntennaTm4TwoLayersCodebook2

Name	Value
Description	Parameter: codebookSubsetRestriction, see TS 36.213 [23, 7.2] and TS 36.211 [21, 6.3.4.2.3]
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	n2TxAntennaTm4TwoLayersCodebook2

59 — CTg

Table 59-1 CTg parameters

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

Table 59-2 callTraceSessionName

Name	Value
Description	User friendly name which eases the identification of a call trace session
Type	string
minimum	0
maximum	32
Impact	noReset
Displayed(tab/group)	callTraceSessionName

Table 59-3 description

Name	Value
Description	Optional user friendly description for the call trace session
Type	string
minimum	0
maximum	255
Displayed(tab/group)	Description

Table 59-4 id

Name	Value
Description	CTg identifier
Type	Long integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 59-5 iratHOThreshold

Name	Value
Description	Specific IRAT HO threshold value (number of outgoing IRAT HO attemps)
Type	Integer
Default	0
minimum	0
maximum	300000
Impact	noReset
Displayed(tab/group)	iratHOThreshold (/Event Based Triggers)

Table 59-6 isRRCTraced

Name	Value
Description	It indicates if the RRC interface is traced
Type	boolean

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Name	Value
Default	false
Impact	noReset
Displayed(tab/group)	isRRCTraced

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Table 59-7 isS1MMETraced

Name	Value
Description	It indicates if the S1-MME interface is traced
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isS1MMETraced

Table 59-8 isTraceActive

Name	Value
Description	Indicates if the trace is active (i.e.recording) or not (i.e. stop recording)
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isTraceActive (/Call Trace)

Table 59-9 isX2Traced

Name	Value
Description	It indicates if the X2 interface is traced
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isX2Traced

Table 59-10 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
Type	List (Pointer)
Impact	noReset

Table 59-11 rrcReestablishmentThreshold

Name	Value
Description	Specific RRC threshold value (number of RRC connection reestablishment attemps)
Type	Integer
Default	0
minimum	0
maximum	300000
Impact	noReset
Displayed(tab/group)	rrcReestablishmentThreshold (/Event Based Triggers)

Table 59-12 traceDepth

Name	Value
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.

Type	• maximum
	  • value: 0
	  • displayed: Maximum

Default	maximum
Impact	noReset
Displayed(tab/group)	traceDepth

Table 59-13 traceId

Name	Value
Description	The trace Id is part of the Trace Reference defined like this (3GPP TS 32.421 v8.0.0) : "A globally unique ID shall be generated for each Trace Session to identify the Trace Session. The method for achieving this is to divide the Trace reference into Country, Operator, and trace Id."
Type	Integer
access	read-create
Default	0
minimum	1
maximum	32767
Impact	noReset
Displayed(tab/group)	traceId

Table 59-14 trafficThreshold

Name	Value
Description	Specific traffic threshold value (connected UE percentage)
Type	Integer
Default	0
minimum	0
maximum	100
Units	%
Impact	noReset
Displayed(tab/group)	trafficThreshold (/Event Based Triggers)

60 — DedicatedConf

Table 60-1 id

Name	Value
Description	DedicatedConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

61 — DedicatedPowerControlConf

Table 61-1 id

Name	Value
Description	DedicatedPowerControlConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

62 — DiameterPeerListEntry

Table 62-1 DiameterPeerListEntry parameters

Parameters	
diaProfName peerListAdminState	peerListPort

Table 62-2 diaProfName

Name	Value
Type	string
access	read-create
Default	default

Table 62-3 peerListAdminState

Name	Value
Description	Specifies the desired administrative state of this peer.

Type	• noop
	  • value: 1
	  • displayed: Unknown
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• portNoop
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• inService
	  • value: 2
	  • displayed: Up
	• portInService
	  • value: 2
	  • displayed: Up
	• outOfService
	  • value: 3
	  • displayed: Down
	• portOutOfService
	  • value: 3
	  • displayed: Down
	• diagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• portDiagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• operateSwitch
	  • value: 5
	  • displayed: Operate Switch
	  • not selectable
	• shuttingDown
	  • value: 6
	  • displayed: Shutting Down
	  • not selectable
	• notRelevant
	  • value: 7
	  • displayed: Not Relevant
	  • not selectable
	• unlocked
	  • value: 8
	  • displayed: Unlocked
	  • not selectable
	• locked
	  • value: 10
	  • displayed: Locked
	  • not selectable

Default	outOfService
Displayed(tab/group)	Peer Administrative State

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Table 62-4 peerListPort

Name	Value
Description	specifies the port number of this peer list entry.
Type	Long integer
access	read-create
Default	3868
minimum	3868
maximum	3888
Displayed(tab/group)	Peer Port

63 — DiameterPeerProfile

Table 63-1 DiameterPeerProfile parameters

Parameters	
appType destRealm ifIndex	ifVRtrId loadBalanceEnabled transport

Table 63-2 appType

Name	Value
Description	specifies the type of application where this profile will be used.

Type	• none
	  • value: 0
	  • displayed: none
	• gx
	  • value: 1
	  • displayed: Gx
	• gxc
	  • value: 2
	  • displayed: Gxc
	  • not selectable
	• rf
	  • value: 3
	  • displayed: Rf

Type (continued)	• ro
	  • value: 4
	  • displayed: Ro
	  • not selectable

(1 of 2)

Name	Value
Default	none
Displayed(tab/group)	Application Type (/Diameter Peer Configuration)

(2 of 2)

Table 63-3 destRealm

Name	Value
Description	The value of destRealm specifies the destination realm of the diameter peer.
Type	string
minimum	0
maximum	80
Displayed(tab/group)	Destination Realm (/Diameter Peer Configuration)

Table 63-4 ifIndex

Name	Value
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.
Type	Long integer
access	read-create
Default	0
minimum	0
maximum	4294967295

Table 63-5 ifVRtrId

Name	Value
Description	specifies the virtual router to which the interface specified by tmnxMobProfDiaPeerIfIndex belongs.
Type	Integer
access	read-create
Default	1
minimum	1
maximum	10240

Table 63-6 loadBalanceEnabled

Name	Value
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.
Type	boolean
Default	false
Displayed(tab/group)	Load Balance Enabled (/Diameter Peer Configuration)

Table 63-7 transport

Name	Value
Description	The value of transport specifies the type of diameter signaling to be used.

Type	• none
	  • value: 0
	  • not selectable
	• tcp
	  • value: 1
	  • displayed: TCP
	• stcp
	  • value: 2
	  • displayed: STCP
	  • not selectable

Default	tcp
Displayed(tab/group)	Transport Protocol (/Diameter Peer Configuration)

64 — DiameterProfile

Table 64-1 DiameterProfile parameters

Parameters	
connTimer	ipTtl
dprFailRetryTime	retryCount
dprRefreshTime	transTimer
dprTimeout	watchdogTimer
ipDscp	

Table 64-2 connTimer

Name	Value
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.
Type	Integer
Default	30
minimum	0
maximum	180
Units	s
Displayed(tab/group)	Connection Timer (/Diameter Configuration)

Table 64-3 dprFailRetryTime

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	1440
Units	min
Displayed(tab/group)	Retry Time (/Diameter Configuration)

Table 64-4 dprRefreshTime

Name	Value
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.
Type	Integer
Default	21600
minimum	0
maximum	86400
Units	s
Displayed(tab/group)	Refresh Time (/Diameter Configuration)

Table 64-5 dprTimeout

Name	Value
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).
Type	Integer
Default	1800
minimum	1
maximum	3600
Units	s
Displayed(tab/group)	DPR Timeout (/Diameter Configuration)

Table 64-6 ipDscp

Name	Value
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.
Type	Integer
Default	56
minimum	0
maximum	63
Displayed(tab/group)	IP DSCP (/Diameter Configuration)

Table 64-7 ipTtl

Name	Value
Description	The value of ipTtl specifies the IP Time-To-Live (TTL) value to be used for diameter signaling messages.
Type	Integer
Default	255
minimum	1
maximum	255
Units	s
Displayed(tab/group)	IP TTL (/Diameter Configuration)

Table 64-8 retryCount

Name	Value
Description	The value of retryCount specifies the number of times the same message is re-tried before declaring a failed attempt.
Type	Integer
Default	3
minimum	1
maximum	8
Displayed(tab/group)	Retry Count (/Diameter Configuration)

Table 64-9 transTimer

Name	Value
Description	The value of transTimer specifies the maximum amount of time the node waits for a diameter peer to respond before trying another peer.
Type	Integer
Default	5
minimum	1
maximum	180
Units	s
Displayed(tab/group)	Transaction Timer (/Diameter Configuration)

Table 64-10 watchdogTimer

Name	Value
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.
Type	Integer
Default	30
minimum	1
maximum	180
Units	s
Displayed(tab/group)	Watch Dog Timer (/Diameter Configuration)

65 — DiameterProxyAgent

Table 65-1 dscFunction

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

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	• sif
	  • value: 1
	  • displayed: SGW Interface
	• saf
	  • value: 2
	  • displayed: SGW Application
	• pif
	  • value: 3
	  • displayed: PGW Interface
	• paf
	  • value: 4
	  • displayed: PGW Application
	• pcrf
	  • value: 5
	  • displayed: DSC Policy and Charging Rules
	• dpa
	  • value: 6
	  • displayed: DSC Diameter Proxy Agent

access	read-create
Default	unknown

66 — DiscoveryLog

Table 66-1 id

Name	Value
Description	The discovery log identifier.
Type	Long integer
access	read-create
Default	1
minimum	1
Displayed(tab/group)	Number

67 — DownlinkMimoFDD

Table 67-1 DownlinkMimoFDD parameters

Parameters	
dlFullCLMimoMode	id

Table 67-2 dlFullCLMimoMode

Name	Value
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.
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	dlFullCLMimoMode

Table 67-3 id

Name	Value
Description	DownlinkMimoFDD identifier
Type	Integer
access	read-create
minimum	0

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Name	Value
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

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68 — DownlinkMimo

Table 68-1 DownlinkMimo parameters

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

Table 68-2 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
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	dlFullCLMimoMode

Table 68-3 dlMIMODefaultCodeBook

Name	Value
Description	Default codebook used by the DL Scheduler when no PMI received yet from the UE

Type	• 1LayerCodebook0
	  • value: 0
	  • displayed: 1 Layer Codebook 0
	• 1LayerCodebook1
	  • value: 1
	  • displayed: 1 Layer Codebook 1
	• 1LayerCodebook2
	  • value: 2
	  • displayed: 1 Layer Codebook 2
	• 1LayerCodebook3
	  • value: 3
	  • displayed: 1 Layer Codebook 3
	• 2LayersCodebook1
	  • value: 4
	  • displayed: 2 Layers Codebook 1
	• 2LayersCodebook2
	  • value: 5
	  • displayed: 2 Layers Codebook 2

Default	1LayerCodebook0
Impact	partialReset
Displayed(tab/group)	dlMIMODefaultCodeBook

Table 68-4 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
Type	Integer
Default	252
minimum	1
maximum	256
Impact	partialReset
Displayed(tab/group)	dlMimoSinrSwitchAveragingCoefficient

Table 68-5 dlSinrThresholdBetweenCLMimoAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode in dB
Type	IP address exclusively (hostname not allowed)

(1 of 2)

Name	Value
Default	15.0
minimum	-10
maximum	30
Units	dB
Impact	partialReset
Displayed(tab/group)	dlSinrThresholdBetweenCLMimoAndTxDiv

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Table 68-6 dlSinrThresholdBetweenCLMimoOneLayerAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode between CL MIMO 1 layer & TxDiv in dB
Type	IP address exclusively (hostname not allowed)
Default	5.0
minimum	-10
maximum	30
Units	dB
Impact	partialReset
Displayed(tab/group)	dlSinrThresholdBetweenCLMimoOneLayerAndTxDiv

Table 68-7 dlSinrThresholdBetweenCLMimoTwoLayersAndOneLayer

Name	Value
Description	Signal to noise ratio threshold for switching mode between CL MIMO 2 layers & CL MIMO 1 layer in dB
Type	IP address exclusively (hostname not allowed)
Default	15.0
minimum	-10
maximum	30
Units	dB
Impact	partialReset
Displayed(tab/group)	dlSinrThresholdBetweenCLMimoTwoLayersAndOneLayer

Table 68-8 dlSinrThresholdBetweenCLMimoTwoLayersAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode between CL-MIMO 2 Layers and TxDiv in dB
Type	IP address exclusively (hostname not allowed)
Default	15.0
minimum	-10
maximum	30
Units	dB
Impact	partialReset
Displayed(tab/group)	dlSinrThresholdBetweenCLMimoTwoLayersAndTxDiv

Table 68-9 dlSinrThresholdBetweenOLMimoAndTxDiv

Name	Value
Description	Signal to noise ratio threshold for switching mode in dB
Type	IP address exclusively (hostname not allowed)
Default	15.0
minimum	-10
maximum	30
Units	dB
Impact	partialReset
Displayed(tab/group)	dlSinrThresholdBetweenOLMimoAndTxDiv

Table 68-10 dlSpeedThresholdBetweenCLMimoAndTxDiv

Name	Value
Description	Speed threshold for switching mode in km/h
Type	Integer
Default	0
minimum	0
maximum	120
Impact	partialReset
Displayed(tab/group)	dlSpeedThresholdBetweenCLMimoAndTxDiv

Table 68-11 dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer

Name	Value
Description	Speed threshold for switching mode between CL MIMO 2 layers & CL MIMO 1 layer in km/h
Type	Integer
Default	0
minimum	0
maximum	120
Impact	partialReset
Displayed(tab/group)	dlSpeedThresholdBetweenCLMimoTwoLayersAndOneLayer

Table 68-12 dlSpeedThresholdBetweenOLMimoAndTxDiv

Name	Value
Description	Speed threshold for switching mode in km/h
Type	Integer
Default	0
minimum	0
maximum	120
Impact	partialReset
Displayed(tab/group)	dlSpeedThresholdBetweenOLMimoAndTxDiv

Table 68-13 dlSpeedThresholdForDisablingPMI

Name	Value
Description	Speed threshold to stop using PMI report and backup to PMI shuffling algorithm in km/h
Type	Integer
Default	0
minimum	0
maximum	120
Impact	partialReset
Displayed(tab/group)	dlSpeedThresholdForDisablingPMI

Table 68-14 id

Name	Value
Description	DownlinkMimo identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

69 — DownlinkMimoTDD

Table 69-1 DownlinkMimoTDD parameters

Parameters	
dlFullCLMimoMode	id

Table 69-2 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
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	dlFullCLMimoMode

Table 69-3 id

Name	Value
Description	DownlinkMimoTDD identifier
Type	Integer
access	read-create
minimum	0

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Name	Value
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

70 — DscDiameterPeer

Table 70-1 DscDiameterPeer parameters

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

Table 70-2 accountingApps

Name	Value
Description	A list of diameter peer's supported accounting applications, semicolon delimited, as specified in the capabilities exchange.
Type	string
access	read-create
Default	0
maximum	128
Displayed(tab/group)	Accounting Applications

Table 70-3 authorizationApps

Name	Value
Description	A list of diameter peer's supported authorization applications, semicolon delimited, as specified in the capabilities exchange.
Type	string
access	read-create
Default	0
maximum	128
Displayed(tab/group)	Authorization Applications

Table 70-4 chassisNumber

Name	Value
Description	The chassis number of the diameter peer.
Type	Integer
access	read-create
Default	0

Table 70-5 firmwareRevision

Name	Value
Description	A list of diameter peer's supported accounting applications, semicolon delimited, as specified in the capabilities exchange.
Type	Integer
access	read-create
Default	0
Displayed(tab/group)	Firmware Revision

Table 70-6 hostIpAddresses

Name	Value
Description	The diameter peer's host IP addresses, semicolon delimited, as specified in the capabilities exchange.
Type	string
access	read-create
Default	0
maximum	512

Table 70-7 originHost

Name	Value
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.
Type	string
access	read-create
Default	0
maximum	255
Displayed(tab/group)	Origin Host

Table 70-8 originRealm

Name	Value
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.
Type	string
access	read-create
Default	0
maximum	255
Displayed(tab/group)	Origin Realm

Table 70-9 originStateId

Name	Value
Description	The diameter peer's origin State ID, as specified in the capabilities exchange.
Type	Integer
access	read-create
Default	0
Displayed(tab/group)	Origin State ID

Table 70-10 portNumber

Name	Value
Description	The port number of the diameter peer.
Type	Integer

(1 of 2)

Name	Value
access	read-create
Default	0
Displayed(tab/group)	Port

(2 of 2)

Table 70-11 productName

Name	Value
Description	The diameter peer's product name, as specified in the capabilities exchange.
Type	string
access	read-create
Default	0
maximum	255
Displayed(tab/group)	Product Name

Table 70-12 vendorId

Name	Value
Description	The diameter peer's product name, as specified in the capabilities exchange.
Type	Integer
access	read-create
Default	0
Displayed(tab/group)	Vendor ID

Table 70-13 vendorSpecificApps

Name	Value
Description	The diameter peer's supported vendor specific applications, semicolon delimited, as specified in the capabilities exchange.
Type	string
access	read-create
Default	0
maximum	255
Displayed(tab/group)	Vendor Specific Applications

71 — DscPlatformISUState

Table 71-1 DscPlatformISUState parameters

Parameters	
clusterReference	currentState

Table 71-2 clusterReference

Name	Value
Description	Represents the IP addresses of the cluster.
Type	string
access	read-create
Default	255.255.255.255
maximum	32
Displayed(tab/group)	Cluster Reference

Table 71-3 currentState

Name	Value
Description	Represents the ISU state of the cluster.

Type	• isu_no_isu
	  • value: 0
	  • displayed: No ISU

(1 of 2)

Name	Value

Type (continued)	• isu_breaking_replication
	  • value: 1
	  • displayed: Breaking replication
	• isu_ready_for_upgrade
	  • value: 2
	  • displayed: Ready for upgrade
	• isu_upgrade_in_progress
	  • value: 3
	  • displayed: Upgrade in progress
	• isu_recovery_in_progress
	  • value: 4
	  • displayed: Recovery in progress
	• isu_recovery_complete
	  • value: 5
	  • displayed: Recovery complete
	• isu_simplex_up
	  • value: 6
	  • displayed: Simplex up
	• isu_duplex_up
	  • value: 7
	  • displayed: Duplex up
	• isu_upgrade_unknown
	  • value: 8
	  • displayed: Upgrade unknown

access	read-create
Default	isu_no_isu
Displayed(tab/group)	Current State

(2 of 2)

72 — DynamicDebugTrace

Table 72-1 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 72-2 dynamicDebugTraceProfile

Name	Value
Description	This parameter selects a profile configuration for dynamic debug trace in the eNodeB.

Type	• light_L1_L2
	  • value: 0
	  • displayed: Light-L1-L2
	• light_L3
	  • value: 1
	  • displayed: Light-L3
	• light_L1_L2_L3
	  • value: 2
	  • displayed: Light-L1-L2-L3
	• medium_L1_L2
	  • value: 3
	  • displayed: Medium-L1-L2
	• medium_L3
	  • value: 4
	  • displayed: Medium-L3
	• medium_L1_L2_L3
	  • value: 5
	  • displayed: Medium-L1-L2-L3
	• deep_L1_L2
	  • value: 6
	  • displayed: Deep-L1-L2
	• deep_L3
	  • value: 7
	  • displayed: Deep-L3
	• deep_L1_L2_L3
	  • value: 8
	  • displayed: Deep-L1-L2-L3
	• custom_L1_L2
	  • value: 9
	  • displayed: Custom-L1-L2
	• custom_L3
	  • value: 10
	  • displayed: Custom-L3
	• custom_L1_L2_L3
	  • value: 11
	  • displayed: Custom-L1-L2-L3

Default	light_L3
Impact	noReset
Displayed(tab/group)	dynamicDebugTraceProfile

Table 72-3 id

Name	Value
Description	DynamicDebugTrace identifier
Type	Integer

(1 of 2)

Name	Value
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

Table 72-4 isRRCTraced

Name	Value
Description	This parameter indicates if the RRC interface is traced.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isRRCTraced

Table 72-5 isS1MMETraced

Name	Value
Description	This parameter indicates if the S1-MME interface is traced.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isS1MMETraced

Table 72-6 isTraceActive

Name	Value
Description	This parameter activates or deactivates eNodeB dynamic debug trace collection.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isTraceActive

Table 72-7 isX2Traced

Name	Value
Description	This parameter indicates if the X2 interface is traced.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isX2Traced

Table 72-8 l1DebugCRNTIMaskCell1

Name	Value
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.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugCRNTIMaskCell1

Table 72-9 l1DebugCRNTIMaskCell2

Name	Value
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.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugCRNTIMaskCell2

Table 72-10 l1DebugCRNTIMaskCell3

Name	Value
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.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugCRNTIMaskCell3

Table 72-11 l1DebugCRNTIValueCell1

Name	Value
Description	This parameter defines a value used tor filtering UEs. If l1DebugCRNTIMaskCell1 AND ueRnti = l1DebugCRNTIValueCell1 ; ueRnti is taken into account for L1 debug Trace.
Type	string
Default	DEAD
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugCRNTIValueCell1

Table 72-12 l1DebugCRNTIValueCell2

Name	Value
Description	This parameter defines a value used tor filtering UEs. If l1DebugCRNTIMaskCell2 AND ueRnti = l1DebugCRNTIValueCell2 ; ueRnti is taken into account for L1 debug Trace.
Type	string
Default	DEAD
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugCRNTIValueCell2

Table 72-13 l1DebugCRNTIValueCell3

Name	Value
Description	This parameter defines a value used tor filtering UEs. If l1DebugCRNTIMaskCell3 AND ueRnti = l1DebugCRNTIValueCell3; ueRnti is taken into account for L1 debug Trace.
Type	string
Default	DEAD
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugCRNTIValueCell3

Table 72-14 l1DebugRach2RNTICCell1

Name	Value
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugRach2RNTICCell1

Table 72-15 l1DebugRach2RNTICCell2

Name	Value
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugRach2RNTICCell2

Table 72-16 l1DebugRach2RNTICCell3

Name	Value
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugRach2RNTICCell3

Table 72-17 l1DebugRach2RNTIDCell1

Name	Value
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugRach2RNTIDCell1

Table 72-18 l1DebugRach2RNTIDCell2

Name	Value
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugRach2RNTIDCell2

Table 72-19 l1DebugRach2RNTIDCell3

Name	Value
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message2.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugRach2RNTIDCell3

Table 72-20 l1DebugReasonMaskCell1

Name	Value
Description	This parameter is reserved.
Type	string
Default	00000000
minimum	0
maximum	8
Impact	noReset
Displayed(tab/group)	l1DebugReasonMaskCell1

Table 72-21 l1DebugReasonMaskCell2

Name	Value
Description	This parameter is reserved.
Type	string
Default	00000000
minimum	0
maximum	8
Impact	noReset
Displayed(tab/group)	l1DebugReasonMaskCell2

Table 72-22 l1DebugReasonMaskCell3

Name	Value
Description	This parameter is reserved.
Type	string
Default	00000000
minimum	0
maximum	8
Impact	noReset
Displayed(tab/group)	l1DebugReasonMaskCell3

Table 72-23 l1DebugReasonRNTIACell1

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugReasonRNTIACell1

Table 72-24 l1DebugReasonRNTIACell2

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugReasonRNTIACell2

Table 72-25 l1DebugReasonRNTIACell3

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugReasonRNTIACell3

Table 72-26 l1DebugReasonRNTIBCell1

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugReasonRNTIBCell1

Table 72-27 l1DebugReasonRNTIBCell2

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugReasonRNTIBCell2

Table 72-28 l1DebugReasonRNTIBCell3

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l1DebugReasonRNTIBCell3

Table 72-29 l2DebugBlockActivatedCell1

Name	Value
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.
Type	string
Default	00000000
minimum	0
maximum	8
Impact	noReset
Displayed(tab/group)	l2DebugBlockActivatedCell1

Table 72-30 l2DebugBlockActivatedCell2

Name	Value
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.
Type	string
Default	00000000
minimum	0
maximum	8
Impact	noReset
Displayed(tab/group)	l2DebugBlockActivatedCell2

Table 72-31 l2DebugBlockActivatedCell3

Name	Value
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.
Type	string
Default	00000000
minimum	0
maximum	8
Impact	noReset
Displayed(tab/group)	l2DebugBlockActivatedCell3

Table 72-32 l2DebugCRNTIMaskCell1

Name	Value
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.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugCRNTIMaskCell1

Table 72-33 l2DebugCRNTIMaskCell2

Name	Value
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.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugCRNTIMaskCell2

Table 72-34 l2DebugCRNTIMaskCell3

Name	Value
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.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugCRNTIMaskCell3

Table 72-35 l2DebugCRNTIValueCell1

Name	Value
Description	This parameter defines a value used tor filtering UEs. If l2DebugCRNTIMaskCell1 AND ueRnti = l2DebugCRNTIValueCell1; ueRnti is taken into account for L2 debug Trace.
Type	string
Default	DEAD
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugCRNTIValueCell1

Table 72-36 l2DebugCRNTIValueCell2

Name	Value
Description	This parameter defines a value used tor filtering UEs. If l2DebugCRNTIMaskCell2 AND ueRnti = l2DebugCRNTIValueCell2; ueRnti is taken into account for L2 debug Trace.
Type	string
Default	DEAD
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugCRNTIValueCell2

Table 72-37 l2DebugCRNTIValueCell3

Name	Value
Description	This parameter defines a value used tor filtering UEs. If l2DebugCRNTIMaskCell3 AND ueRnti = l2DebugCRNTIValueCell3; ueRnti is taken into account for L2 debug Trace.
Type	string
Default	DEAD
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugCRNTIValueCell3

Table 72-38 l2DebugRach3RNTICCell1

Name	Value
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugRach3RNTICCell1

Table 72-39 l2DebugRach3RNTICCell2

Name	Value
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message3.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugRach3RNTICCell2

Table 72-40 l2DebugRach3RNTICCell3

Name	Value
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugRach3RNTICCell3

Table 72-41 l2DebugRach3RNTIDCell1

Name	Value
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugRach3RNTIDCell1

Table 72-42 l2DebugRach3RNTIDCell2

Name	Value
Description	This parameter defines when the trace will start for the C-RNTI set in RACH message3.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugRach3RNTIDCell2

Table 72-43 l2DebugRach3RNTIDCell3

Name	Value
Description	This parameter defines when the trace will start with reception of RACH message3 in UPA.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugRach3RNTIDCell3

Table 72-44 l2DebugReasonMaskCell1

Name	Value
Description	This parameter is reserved.
Type	string
Default	00000000
minimum	0
maximum	8
Impact	noReset
Displayed(tab/group)	l2DebugReasonMaskCell1

Table 72-45 l2DebugReasonMaskCell2

Name	Value
Description	This parameter is reserved.
Type	string
Default	00000000
minimum	0
maximum	8
Impact	noReset
Displayed(tab/group)	l2DebugReasonMaskCell2

Table 72-46 l2DebugReasonMaskCell3

Name	Value
Description	This parameter is reserved.
Type	string
Default	00000000
minimum	0
maximum	8
Impact	noReset
Displayed(tab/group)	l2DebugReasonMaskCell3

Table 72-47 l2DebugReasonRNTIACell1

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugReasonRNTIACell1

Table 72-48 l2DebugReasonRNTIACell2

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugReasonRNTIACell2

Table 72-49 l2DebugReasonRNTIACell3

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugReasonRNTIACell3

Table 72-50 l2DebugReasonRNTIBCell1

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugReasonRNTIBCell1

Table 72-51 l2DebugReasonRNTIBCell2

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugReasonRNTIBCell2

Table 72-52 l2DebugReasonRNTIBCell3

Name	Value
Description	This parameter defines a filter for no report linked to given reason is to be reported.
Type	string
Default	0000
minimum	0
maximum	4
Impact	noReset
Displayed(tab/group)	l2DebugReasonRNTIBCell3

Table 72-53 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.
Type	List (Pointer)
Impact	noReset

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Table 73-1 siteId

Name	Value
Type	string
access	read-create
maximum	50
Mandatory on create	Yes
Displayed(tab/group)	Site ID (/Site Information)

74 — ENBEquipment

Table 74-1 ENBEquipment parameters

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

Table 74-2 aldPresent

Name	Value
Description	Placeholder for a flag that the user could set to indicate those sites with AISG antenna line devices.
Type	boolean
Default	false
Displayed(tab/group)	Antenna Line Device Present

Table 74-3 aliasName

Name	Value
Description	XMS parameter, providing a user-defined alias for Identification of the BTS. This property is shown in HEX.
Type	string
minimum	0
maximum	252
Note: The value of this parameter can be unset.	

Table 74-4 aliasNameReadable

Name	Value
Description	A SAM readable representation of the XMS parameter aliasName.
Type	string
minimum	0
maximum	252
Displayed(tab/group)	Alias Name
Note: The value of this parameter can be unset.	

Table 74-5 bsTopology

Name	Value
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).

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	• chainTopology
	  • value: 1
	  • displayed: Chain Topology
	• starTopology
	  • value: 2
	  • displayed: Star Topology

Default	unknown
Impact	noReset
Displayed(tab/group)	Base Station Topology

Table 74-6 clockSynchronisationSource

Name	Value
Description	Intended synchronisation source for the BSs clock.

Type	• free_running
	  • value: 0
	  • displayed: Free-running
	• externally_synchronised_mode_1
	  • value: 1
	  • displayed: Externally Synchronised Mode 1 SyncE
	• externally_synchronised_mode_2
	  • value: 2
	  • displayed: Externally Synchronised Mode 2 Ptp 1588
	• gps_synchronised
	  • value: 3
	  • displayed: GPS Synchronised
	• clock_master_bs
	  • value: 4
	  • displayed: Clock Master Base Station
	• externally_synchronised_mode_3
	  • value: 5
	  • displayed: Externally Synchronised Mode 3 External clock
	• externally_synchronised_mode_4
	  • value: 6
	  • displayed: Externally Synchronised Mode 4 Satellite
	• externally_synchronized_mode_1
	  • value: 11
	  • displayed: Externally Synchronized Mode 1 SyncE
	• externally_synchronized_mode_2
	  • value: 12
	  • displayed: Externally Synchronized Mode 2 Ptp 1588
	• gps_synchronized
	  • value: 13
	  • displayed: GPS Synchronized
	• externally_synchronized_mode_3
	  • value: 15
	  • displayed: Externally Synchronized Mode 3 External clock
	• externally_synchronized_mode_4
	  • value: 16
	  • displayed: Externally Synchronized Mode 4 Satellite

Default	gps_synchronised
Impact	noReset
Displayed(tab/group)	clockSynchronisationSource

Table 74-7 clusterId

Name	Value
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...
Type	string
minimum	0
maximum	252
Displayed(tab/group)	clusterId

Table 74-8 enbPositionLatitude

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
minimum	-90
maximum	90
Units	deg
Impact	noReset
Displayed(tab/group)	enbPositionLatitude

Table 74-9 enbPositionLongitude

Name	Value
Description	Longitude of the eNB in the WGS84 reference frame. Encoding: < 0: west prime meridian; = 0: at prime meridian; > 0: east of prime meridian.
Type	IP address exclusively (hostname not allowed)
minimum	-180
maximum	180
Units	deg
Impact	noReset
Displayed(tab/group)	enbPositionLongitude

Table 74-10 id

Name	Value
Description	user friendly ENBEquipment name, for operator use, but also part of eNodeB MIM, for use in PM reporting.
Type	string
access	read-create
minimum	0
maximum	64
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	id

Table 74-11 maxTransportFiberDelayLengthCategory

Name	Value
Description	This parameter provides a predefined maximum value for supported fiber delay.

Type	• unassigned
	  • value: 0
	  • displayed: Unassigned
	  • not selectable
	• km10
	  • value: 1
	  • displayed: 10 Kilometres
	• km20
	  • value: 2
	  • displayed: 20 Kilometres
	• noFiber
	  • value: 255
	  • displayed: No Fiber

Default	km20
Units	Km
Displayed(tab/group)	Max Transport

Table 74-12 oAMlinkAdministrativeState

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

Type	• unlocked
	  • value: 0
	  • displayed: Unlocked

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Name	Value

Type (continued)	• locked
	  • value: 1
	  • displayed: Locked

Default	locked

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Table 74-13 rdnId

Name	Value
Description	ID (rdn) attribute of the Cabinet object instance.
Type	Integer
access	read-create
minimum	0
maximum	65000
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 74-14 timeZone

Name	Value
Description	This parameter describes the time zone managed by eNB

Type	• GMT_1200_InternationalDateLineWest
	  • value: 0
	  • displayed: GMT-1200-International Date Line West
	• GMT_1100_MidwayIsland_Samoa
	  • value: 1
	  • displayed: GMT-1100-Midway Island-Samoa
	• GMT_1000_Hawaii
	  • value: 2
	  • displayed: GMT-1000-Hawaii
	• GMT_0900_Alaska
	  • value: 3
	  • displayed: GMT-0900-Alaska
	• GMT_0800_TijuanaBajaCalifornia
	  • value: 4
	  • displayed: GMT-0800-Tijuana Baja California
	• GMT_0800_PacificTimeUS_and_Canada
	  • value: 5
	  • displayed: GMT-0800-Pacific Time US-and-Canada
	• GMT_0700_MountainTimeUS_and_Canada
	  • value: 6
	  • displayed: GMT-0700-Mountain Time US-and-Canada

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Name	Value

Type (continued)	• GMT_0700_ChihuahuaLaPazMazatlan_Old
	  • value: 7
	  • displayed: GMT-0700-Chihuahua La Paz Mazatlan-Old
	• GMT_0700_ChihuahuaLaPazMazatlan_New
	  • value: 8
	  • displayed: GMT-0700-Chihuahua La Paz Mazatlan-New
	• GMT_0700_Arizona
	  • value: 9
	  • displayed: GMT-0700-Arizona
	• GMT_0600_Saskatchewan
	  • value: 10
	  • displayed: GMT-0600-Saskatchewan
	• GMT_0600_GuadalajaraMexicoCityMonterrey_Old
	  • value: 11
	  • displayed: GMT-0600-Guadalajara Mexico City Monterrey-Old
	• GMT_0600_GuadalajaraMexicoCityMonterrey_New
	  • value: 12
	  • displayed: GMT-0600-Guadalajara Mexico City Monterrey-New
	• GMT_0600_CentralTimeUS_and_Canada
	  • value: 13
	  • displayed: GMT-0600-Central Time US-and-Canada
	• GMT_0600_CentralAmerica
	  • value: 14
	  • displayed: GMT-0600-Central America
	• GMT_0500_Indiana_East
	  • value: 15
	  • displayed: GMT-0500-Indiana-East
	• GMT_0500_Eastern_Time_US_And_Canada
	  • value: 16
	  • displayed: GMT-0500-Eastern-Time-US-And-Canada
	• GMT_0500_Bogota_Lima_Quito_Rio_Branco
	  • value: 17
	  • displayed: GMT-0500-Bogota-Lima-Quito-Rio-Branco
	• GMT_0430_Caracas
	  • value: 18
	  • displayed: GMT-0430-Caracas
	• GMT_0400_Santiago
	  • value: 19
	  • displayed: GMT-0400-Santiago
	• GMT_0400_Manaus
	  • value: 20
	  • displayed: GMT-0400-Manaus
	• GMT_0400_La_Paz
	  • value: 21
	  • displayed: GMT-0400-La-Paz
	• GMT_0400_Atlantic_Time_Canada
	  • value: 22
	  • displayed: GMT-0400-Atlantic-Time-Canada
	• GMT_0330_Newfoundland
	  • value: 23
	  • displayed: GMT-0330-Newfoundland
	• GMT_0300_Montevideo
	  • value: 24
	  • displayed: GMT-0300-Montevideo

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Name	Value

Type (continued)	• GMT_0300_Greenland
	  • value: 25
	  • displayed: GMT-0300-Greenland
	• GMT_0300_Georgetown
	  • value: 26
	  • displayed: GMT-0300-Georgetown
	• GMT_0300_Buenos_Aires
	  • value: 27
	  • displayed: GMT-0300-Buenos-Aires
	• GMT_0300_Brasilia
	  • value: 28
	  • displayed: GMT-0300-Brasilia
	• GMT_0200_Mid_Atlantic
	  • value: 29
	  • displayed: GMT-0200-Mid-Atlantic
	• GMT_0100_Cape_Verde_Is_
	  • value: 30
	  • displayed: GMT-0100-Cape-Verde-Is.
	• GMT_0100_Azores
	  • value: 31
	  • displayed: GMT-0100-Azores
	• GMT_Casablanca
	  • value: 32
	  • displayed: GMT-Casablanca
	• GMT_Coordinated_Universal_Time
	  • value: 33
	  • displayed: GMT-Coordinated-Universal-Time
	• GMT_Greenwich_Mean_Time_Dublin_Edinburgh_Lisbon_London
	  • value: 34
	  • displayed: GMT-Greenwich-Mean-Time-Dublin-Edinburgh-Lisbon-London
	• GMT_Monrovia_Reykjavik
	  • value: 35
	  • displayed: GMT-Monrovia-Reykjavik
	• GMT0100_Amsterdam_Berlin_Bern_Rome_Stockholm_Vienna
	  • value: 36
	  • displayed: GMT 0100-Amsterdam-Berlin-Bern-Rome-Stockholm-Vienna
	• GMT0100_Belgrade_Bratislava_Budapest_Ljubljana_Prague
	  • value: 37
	  • displayed: GMT 0100-Belgrade-Bratislava-Budapest-Ljubljana-Prague
	• GMT0100_Brussels_Copenhagen_Madrid_Paris
	  • value: 38
	  • displayed: GMT 0100-Brussels-Copenhagen-Madrid-Paris
	• GMT0100_Sarajevo_Skopje_Warsaw_Zagreb
	  • value: 39
	  • displayed: GMT 0100-Sarajevo-Skopje-Warsaw-Zagreb
	• GMT0100_West_Central_Africa
	  • value: 40
	  • displayed: GMT 0100-West-Central-Africa
	• GMT0200_Amman
	  • value: 41
	  • displayed: GMT 0200-Amman
	• GMT0200_Athens_Bucharest_Istanbul
	  • value: 42
	  • displayed: GMT 0200-Athens-Bucharest-Istanbul

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Name	Value

Type (continued)	• GMT0200_Beirut
	  • value: 43
	  • displayed: GMT 0200-Beirut
	• GMT0200_Cairo
	  • value: 44
	  • displayed: GMT 0200-Cairo
	• GMT0200_Harare_Pretoria
	  • value: 45
	  • displayed: GMT 0200-Harare-Pretoria
	• GMT0200_Helsinki_Kyiv_Riga_Sofia_Tallinn_Vilnius
	  • value: 46
	  • displayed: GMT 0200-Helsinki-Kyiv-Riga-Sofia-Tallinn-Vilnius
	• GMT0200_Jerusalem
	  • value: 47
	  • displayed: GMT 0200-Jerusalem
	• GMT0200_Minsk
	  • value: 48
	  • displayed: GMT 0200-Minsk
	• GMT0200_Windhoek
	  • value: 49
	  • displayed: GMT 0200-Windhoek
	• GMT0300_Baghdad
	  • value: 50
	  • displayed: GMT 0300-Baghdad
	• GMT0300_Kuwait_Riyadh
	  • value: 51
	  • displayed: GMT 0300-Kuwait-Riyadh
	• GMT0300_Moscow_St__Petersburg_Volgograd
	  • value: 52
	  • displayed: GMT 0300-Moscow-St-Petersburg-Volgograd
	• GMT0300_Nairobi
	  • value: 53
	  • displayed: GMT 0300-Nairobi
	• GMT0300_Tbilisi
	  • value: 54
	  • displayed: GMT 0300-Tbilisi
	• GMT0330_Tehran
	  • value: 55
	  • displayed: GMT 0330-Tehran
	• GMT0400_Abu_Dhabi_Muscat
	  • value: 56
	  • displayed: GMT 0400-Abu-Dhabi-Muscat
	• GMT0400_Baku
	  • value: 57
	  • displayed: GMT 0400-Baku
	• GMT0400_Caucasus_Standard_Time
	  • value: 58
	  • displayed: GMT 0400-Caucasus-Standard-Time
	• GMT0400_Port_Louis
	  • value: 59
	  • displayed: GMT 0400-Port-Louis
	• GMT0400_Yerevan
	  • value: 60
	  • displayed: GMT 0400-Yerevan

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Name	Value

Type (continued)	• GMT0430_Kabul
	  • value: 61
	  • displayed: GMT 0430-Kabul
	• GMT0500_Ekaterinburg
	  • value: 62
	  • displayed: GMT 0500-Ekaterinburg
	• GMT0500_Islamabad_Karachi
	  • value: 63
	  • displayed: GMT 0500-Islamabad-Karachi
	• GMT0500_Tashkent
	  • value: 64
	  • displayed: GMT 0500-Tashkent
	• GMT0530_Chennai_Kolkata_Mumbai_New_Delhi
	  • value: 65
	  • displayed: GMT 0530-Chennai-Kolkata-Mumbai-New-Delhi
	• GMT0530_Sri_Jayawardenepura
	  • value: 66
	  • displayed: GMT 0530-Sri-Jayawardenepura
	• GMT0545_Kathmandu
	  • value: 67
	  • displayed: GMT 0545-Kathmandu
	• GMT0600_Almaty_Novosibirsk
	  • value: 68
	  • displayed: GMT 0600-Almaty-Novosibirsk
	• GMT0600_Astana_Dhaka
	  • value: 69
	  • displayed: GMT 0600-Astana-Dhaka
	• GMT0630_Yangon_Rangoon
	  • value: 70
	  • displayed: GMT 0630-Yangon-Rangoon
	• GMT0700_Bangkok_Hanoi_Jakarta
	  • value: 71
	  • displayed: GMT 0700-Bangkok-Hanoi-Jakarta
	• GMT0700_Krasnoyarsk
	  • value: 72
	  • displayed: GMT 0700-Krasnoyarsk
	• GMT0800_Beijing_Chongqing_Hong_Kong_Urumqi
	  • value: 73
	  • displayed: GMT 0800-Beijing-Chongqing-Hong-Kong-Urumqi
	• GMT0800_Irkutsk_Ulaan_Bataar
	  • value: 74
	  • displayed: GMT 0800-Irkutsk-Ulaan-Bataar
	• GMT0800_Kuala_Lumpur_Singapore
	  • value: 75
	  • displayed: GMT 0800-Kuala-Lumpur-Singapore
	• GMT0800_Perth
	  • value: 76
	  • displayed: GMT 0800-Perth
	• GMT0800_Taipei
	  • value: 77
	  • displayed: GMT 0800-Taipei
	• GMT0900_Osaka_Sapporo_Tokyo
	  • value: 78
	  • displayed: GMT 0900-Osaka-Sapporo-Tokyo

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Name	Value

Type (continued)	• GMT0900_Seoul
	  • value: 79
	  • displayed: GMT 0900-Seoul
	• GMT0900_Yakutsk
	  • value: 80
	  • displayed: GMT 0900-Yakutsk
	• GMT0930_Adelaide
	  • value: 81
	  • displayed: GMT 0930-Adelaide
	• GMT0930_Darwin
	  • value: 82
	  • displayed: GMT 0930-Darwin
	• GMT1000_Brisbane
	  • value: 83
	  • displayed: GMT 1000-Brisbane
	• GMT1000_Canberra_Melbourne_Sydney
	  • value: 84
	  • displayed: GMT 1000-Canberra-Melbourne-Sydney
	• GMT1000_Guam_Port_Moresby
	  • value: 85
	  • displayed: GMT 1000-Guam-Port-Moresby
	• GMT1000_Hobart
	  • value: 86
	  • displayed: GMT 1000-Hobart
	• GMT1000_Vladivostok
	  • value: 87
	  • displayed: GMT 1000-Vladivostok
	• GMT1100_Magadan_Solomon_Is__New_Caledonia
	  • value: 88
	  • displayed: GMT 1100-Magadan-Solomon-Is-New-Caledonia
	• GMT1200_Auckland_Wellington
	  • value: 89
	  • displayed: GMT 1200-Auckland-Wellington
	• GMT1200_Fiji_Kamchatka_Marshall_Is_
	  • value: 90
	  • displayed: GMT 1200-Fiji-Kamchatka-Marshall-Is
	• GMT1300_Nuku_alofa
	  • value: 91
	  • displayed: GMT 1300-Nuku-alofa

Default	GMT_Coordinated_Universal_Time
Impact	noReset
Displayed(tab/group)	timeZone

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Table 74-15 userSpecificInfo

Name	Value
Description	information field reserved to the user. No specific treatment on this field is performed by the system.
Type	string

(1 of 2)

Name	Value
minimum	0
maximum	128
Displayed(tab/group)	userSpecificInfo
Note: The value of this parameter can be unset.	

(2 of 2)

75 — ENBEquipmentSpecifics

Table 75-1 ENBEquipmentSpecifics parameters

Parameters	
hwNumber pmcMaxResultStringBlockSize	reset

Table 75-2 hwNumber

Name	Value
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)
Type	Long integer
access	read-create
Default	0
Displayed(tab/group)	Hardware Number (/Hardware Information)

Table 75-3 pmcMaxResultStringBlockSize

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

(1 of 2)

Name	Value
Default	1200
minimum	1
maximum	64512
Units	bytes

(2 of 2)

Table 75-4 reset

Name	Value
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) >

Type	• rit
	  • value: 1
	  • displayed: Removable Item
	• nothing
	  • value: 2
	  • displayed: Nothing
	• telecom
	  • value: 3
	  • displayed: Telecom
	  • not selectable
	• powerCycle
	  • value: 4
	  • displayed: Power Cycle
	  • not selectable

Default	nothing
Displayed(tab/group)	Reset (/Hardware Information)

76 — EnbFDD

Table 76-1 id

Name	Value
Description	EnbFDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

77 — ENBIPsecProfile

Table 77-1 ENBIPsecProfile parameters

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

Table 77-2 description

Name	Value
Type	string
minimum	0
maximum	255
Displayed(tab/group)	Description

Table 77-3 displayedName

Name	Value
Type	string
minimum	0
maximum	80
Displayed(tab/group)	Displayed Name

Table 77-4 eNBIPsecpolicy

Name	Value
Description	IPsec policy at eNB end

Type	• S1_C_and_X2_C_protected
	  • value: 0
	  • displayed: S1 C and X2 C Protected
	• no_IPsec
	  • value: 1
	  • displayed: No IPsec
	• S1_C_and_UP_and_X2_C_and_UP_protected
	  • value: 2
	  • displayed: S1 C And UP And X2 C And UP Protected

Default	no_IPsec
Impact	fullReset
Displayed(tab/group)	IPsec Policy (/Pre 3.0 eNodeB IPSec Options)

Table 77-5 eNBpreSharedSecret

Name	Value
Description	Pre-shared secret key
Type	string
minimum	0
maximum	20
Impact	fullReset
Displayed(tab/group)	Pre-Shared Secret (/Pre 3.0 eNodeB IPSec Options)

Table 77-6 id

Name	Value
Type	Integer
access	read-create
Default	0
minimum	1
maximum	65535
Displayed(tab/group)	Profile ID

Table 77-7 ikeAuthMethod

Name	Value
Description	This parameter uses IKE v2 Authentication method: either preshared keys, or certificates

Type	• preSharedKeys
	  • value: 0
	  • displayed: Pre Shared Keys
	• certificates
	  • value: 1
	  • displayed: Certificates

Default	preSharedKeys
Impact	fullReset
Displayed(tab/group)	IKE Authenication Method

Table 77-8 ikeSALifeDurationSec

Name	Value
Description	Life duration IKE SA in seconds
Type	Long integer
Default	28800
minimum	0
maximum	4294967295
Units	s
Impact	fullReset
Displayed(tab/group)	IKE SA Life Duration (/Security Association Options)

Table 77-9 ipsecAntiReplayWindowSize

Name	Value
Description	IPsec Anti Replay Window Size (number of packets). A value of zero means the IPsec anti replay mechanism is disabled.
Type	Integer
Default	32
minimum	0
maximum	64
Impact	fullReset
Displayed(tab/group)	IPsec Anti-Replay Window

Table 77-10 ipsecKeepalivePeriod

Name	Value
Description	Period IKE keep-alive are sent.
Type	Integer
Default	10
minimum	0
maximum	120
Units	s
Impact	fullReset
Displayed(tab/group)	IPsec Keep Alive Period

Table 77-11 ipsecPerfectForwardSecrecyOn

Name	Value
Description	ON/OFF Perfect Forward Secrecy
Type	boolean
Default	true
Impact	fullReset
Displayed(tab/group)	IPsec Perfect Forward Secrecy

Table 77-12 ipsecSALifeDurationSec

Name	Value
Description	Life duration IPsec SA in sec
Type	Long integer
Default	28800
minimum	0
maximum	4294967295
Units	s
Impact	fullReset
Displayed(tab/group)	IPsec SA Life Duration (/Security Association Options)

Table 77-13 ipsecSALifeDurationbytes

Name	Value
Description	Life duration IPsec SA in kbytes
Type	Long integer
Default	1620000
minimum	0
maximum	4294967295
Units	Kbytes/s
Impact	fullReset
Displayed(tab/group)	IPsec SA Life Duration (/Security Association Options)

Table 77-14 ipv4AddressEnbIPsecTunnel

Name	Value
Description	Outer IP address IPSec tunnel at eNB
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	IPsec Tunnel Address (IPv4) (/Pre 3.0 eNodeB IPSec Options)

Table 77-15 ipv4AddressEnbIPsecTunnelType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4

Table 77-16 ipv4AddressSegIPsecTunnel

Name	Value
Description	Outer IP address IPSec tunnel at Security Gateway
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	SEG Address (IPv4) (/Pre 3.0 eNodeB IPSec Options)

Table 77-17 ipv4SubNetMaskEnbIPsecTunnel

Name	Value
Description	Subnet mask of outer IP address of IPsec tunnel in eNB
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	IPsec Tunnel Subnet Mask (IPv4) (/Pre 3.0 eNodeB IPSec Options)

78 — ENBIPSecProfileToENBBinding

Table 78-1 ENBIPSecProfileToENBBinding parameters

Parameters	
enbIPsecProfileId eNodeBDisplayName id	networkElementAddressType siteId

Table 78-2 eNodeBDisplayName

Name	Value
Type	string
minimum	0
maximum	32
Displayed(tab/group)	Name

Table 78-3 enbIPsecProfileId

Name	Value
Type	Integer
access	read-create
minimum	1

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Name	Value
maximum	65535
Mandatory on create	Yes

(2 of 2)

Table 78-4 id

Name	Value
Type	Long integer
access	read-create
minimum	1
maximum	5000
Mandatory on create	Yes

Table 78-5 networkElementAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

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Name	Value
access	read-create
Default	ipv4

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Table 78-6 siteId

Name	Value
Type	string
minimum	0
maximum	32
Displayed(tab/group)	Site ID

79 — ENBNESpecifics

Table 79-1 ENBNESpecifics parameters

Parameters	
autoResetTimer	eNodeBtelecomVlanId
cellBarringHysteresisTimer	firstNtpServerIpAddress
debugTraceIpAddress	firstNtpServerIpAddressType
debugTraceIpAddressv6	firstNtpServerIpAddressv6
defaultPagingCycle	firstNtpServerIpAddressv6Type
dSCP2VlanPriorityEnable	id
dscpForOAM	ipv4EnbInternalRoutingPrefix
dscpForPtpEventMessages	jumboEnable
dscpForPtpGeneralMessages	macroEnbId
eNBname	macroEnbIdUntil_V2_x
eNodeBfirstHopRouterOAMIpAddr	maxNumberOfCallPerEnodeB
eNodeBfirstHopRouterOAMIpAddrType	maxTimeAllowedForCsfbMobilityAttempt
eNodeBfirstHopRouterTelecomIpAddr	modeConf
eNodeBfirstHopRouterTelecomIpAddrType	mTU
eNodeBtelecomIpAddress	rrcProcedureDefenceTimer
eNodeBtelecomIpAddressType	s1APProcedureDefenceTimer
eNodeBtelecomSubNetMask	secondNtpServerIpAddress
eNodeBtelecomSubNetMaskType	secondNtpServerIpAddressType

(1 of 2)

Parameters	
secondNtpServerIpAddressv6	spare4
secondNtpServerIpAddressv6Type	spare5
sp2DscpMappingEnable	spare6
spare0	spare7
spare1	spare8
spare10	spare9
spare11	vLanPriorityForOAM
spare12	vLanPriorityForPtpEventMessages
spare13	vLanPriorityForPtpGeneralMessages
spare2	x2APProcedureDefenceTimer
spare3	x2APProcedureDefenseTimer

(2 of 2)

Table 79-2 autoResetTimer

Name	Value
Description	time lapse (in minutes) the eNodeb waits for before getting self reset, if not connected to any external interface (S1, EMS, X2, TIL,)
Type	Integer
Default	60
minimum	20
maximum	1440
Units	min
Impact	fullReset
Displayed(tab/group)	autoResetTimer (/Clearable Attributes)
Note: The value of this parameter can be unset.	

Table 79-3 cellBarringHysteresisTimer

Name	Value
Description	time to wait (in seconds) before eNB triggers cell-barring logic when certain conditions become met.
Type	Integer
Default	30
minimum	10
maximum	60
Units	s
Impact	fullReset
Displayed(tab/group)	cellBarringHysteresisTimer

Table 79-4 dSCP2VlanPriorityEnable

Name	Value
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).
Type	boolean
Default	true
Impact	fullReset
Displayed(tab/group)	dSCP2VlanPriorityEnable

Table 79-5 debugTraceIpAddress

Name	Value
Description	Telecom IPv4 address of SFTP server used to transfer Debug Trace files.
Type	InetAddress
Default	0.0.0.0
Impact	noReset
Displayed(tab/group)	debugTraceIpAddress (/Clearable Attributes)
Note: The value of this parameter can be unset.	

Table 79-6 debugTraceIpAddressv6

Name	Value
Description	IPv6 address of SFTP server used to transfer Debug Trace files (Snapshot or post-mortem).
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Impact	noReset
Displayed(tab/group)	debugTraceIpAddressv6 (/Clearable Attributes)
Note: The value of this parameter can be unset.	

Table 79-7 defaultPagingCycle

Name	Value
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

Type	• rf32
	  • value: 0
	  • displayed: RF 32
	• rf64
	  • value: 1
	  • displayed: RF 64
	• rf256
	  • value: 2
	  • displayed: RF 256
	• rf128
	  • value: 3
	  • displayed: RF 128

Default	rf32
Impact	partialReset
Displayed(tab/group)	defaultPagingCycle

Table 79-8 dscpForOAM

Name	Value
Description	Diffserv Code Point value to be used for OAM transport.

Type	• AF13
	  • value: 0
	  • displayed: AF 13
	• AF22
	  • value: 1
	  • displayed: AF 22

(1 of 2)

Name	Value

Type (continued)	• AF31
	  • value: 2
	  • displayed: AF 31
	• AF12
	  • value: 3
	  • displayed: AF 12
	• AF21
	  • value: 4
	  • displayed: AF 21
	• AF11
	  • value: 5
	  • displayed: AF 11
	• AF42
	  • value: 6
	  • displayed: AF 42
	• AF23
	  • value: 7
	  • displayed: AF 23
	• AF41
	  • value: 8
	  • displayed: AF 41
	• AF43
	  • value: 9
	  • displayed: AF 43
	• AF33
	  • value: 10
	  • displayed: AF 33
	• BE
	  • value: 11
	  • displayed: BE
	• AF32
	  • value: 12
	  • displayed: AF 32
	• EF
	  • value: 13
	  • displayed: EF

Default	AF11
Impact	fullReset
Displayed(tab/group)	dscpForOAM (/Clearable Attributes)
Note: The value of this parameter can be unset.	

(2 of 2)

Table 79-9 dscpForPtpEventMessages

Name	Value
Description	Diffserv Code Point value to be used for 1588 'Event' message traffic.

Type	• AF13
	  • value: 0
	  • displayed: AF 13

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Name	Value

Type (continued)	• AF22
	  • value: 1
	  • displayed: AF 22
	• AF31
	  • value: 2
	  • displayed: AF 31
	• AF12
	  • value: 3
	  • displayed: AF 12
	• AF21
	  • value: 4
	  • displayed: AF 21
	• AF11
	  • value: 5
	  • displayed: AF 11
	• AF42
	  • value: 6
	  • displayed: AF 42
	• AF23
	  • value: 7
	  • displayed: AF 23
	• AF41
	  • value: 8
	  • displayed: AF 41
	• AF43
	  • value: 9
	  • displayed: AF 43
	• AF33
	  • value: 10
	  • displayed: AF 33
	• BE
	  • value: 11
	  • displayed: BE
	• AF32
	  • value: 12
	  • displayed: AF 32
	• EF
	  • value: 13
	  • displayed: EF

Default	EF
Impact	fullReset
Displayed(tab/group)	dscpForPtpEventMessages (/Clearable Attributes)
Note: The value of this parameter can be unset.	

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Table 79-10 dscpForPtpGeneralMessages

Name	Value
Description	Diffserv Code Point value to be used for 1588 'General' message traffic.

Type	• AF13
	  • value: 0
	  • displayed: AF 13
	• AF22
	  • value: 1
	  • displayed: AF 22
	• AF31
	  • value: 2
	  • displayed: AF 31
	• AF12
	  • value: 3
	  • displayed: AF 12
	• AF21
	  • value: 4
	  • displayed: AF 21
	• AF11
	  • value: 5
	  • displayed: AF 11
	• AF42
	  • value: 6
	  • displayed: AF 42
	• AF23
	  • value: 7
	  • displayed: AF 23
	• AF41
	  • value: 8
	  • displayed: AF 41
	• AF43
	  • value: 9
	  • displayed: AF 43
	• AF33
	  • value: 10
	  • displayed: AF 33
	• BE
	  • value: 11
	  • displayed: BE
	• AF32
	  • value: 12
	  • displayed: AF 32
	• EF
	  • value: 13
	  • displayed: EF

Default	AF41
Impact	fullReset
Displayed(tab/group)	dscpForPtpGeneralMessages (/Clearable Attributes)
Note: The value of this parameter can be unset.	

Table 79-11 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
Type	string
minimum	0
maximum	255
Displayed(tab/group)	eNBname

Table 79-12 eNodeBfirstHopRouterOAMIpAddr

Name	Value
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.
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	First Hop Router OAM IP Address (IP Info/OAM IP)

Table 79-13 eNodeBfirstHopRouterOAMIpAddrType

Name	Value
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	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6

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Name	Value

Type (continued)	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv4

(2 of 2)

Table 79-14 eNodeBfirstHopRouterTelecomIpAddr

Name	Value
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	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	eNodeBfirstHopRouterTelecomIpAddr (IP Info/Telecom IP)

Table 79-15 eNodeBfirstHopRouterTelecomIpAddrType

Name	Value
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	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv4

Table 79-16 eNodeBtelecomIpAddress

Name	Value
Description	Telecom IPv4 address of eNodeB, as used by EPC (and neighbour eNodeBs) for access to the eNodeB.
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	eNodeBtelecomIpAddress (IP Info/Telecom IP)
Note: The value of this parameter can be unset.	

Table 79-17 eNodeBtelecomIpAddressType

Name	Value
Description	Telecom IPv4 address of eNodeB, as used by EPC (and neighbour eNodeBs) for access to the eNodeB.

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv4
Note: The value of this parameter can be unset.	

Table 79-18 eNodeBtelecomSubNetMask

Name	Value
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	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	eNodeBtelecomSubNetMask (IP Info/Telecom IP)
Note: The value of this parameter can be unset.	

Table 79-19 eNodeBtelecomSubNetMaskType

Name	Value
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	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv4
Note: The value of this parameter can be unset.	

Table 79-20 eNodeBtelecomVlanId

Name	Value
Description	VLAN ID associated with the Telecom traffic VLAN. This parameter is ignored if eNodeBoamVlanID is set to 4095.
Type	Integer
Default	2
minimum	2
maximum	4094
Impact	fullReset
Displayed(tab/group)	eNodeBtelecomVlanId (IP Info/Telecom IP)

Table 79-21 firstNtpServerIpAddress

Name	Value
Description	IP address of the first NTP server. The NTP port number is fixed at 123.
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	firstNtpServerIpAddress

Table 79-22 firstNtpServerIpAddressType

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

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv4

Table 79-23 firstNtpServerIpAddressv6

Name	Value
Description	IP address of the first NTP server. The NTP port number is fixed at 123.
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Impact	fullReset
Displayed(tab/group)	firstNtpServerIpAddressv6

Table 79-24 firstNtpServerIpAddressv6Type

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

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv6

Table 79-25 id

Name	Value
Description	Enb IDentifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 79-26 ipv4EnbInternalRoutingPrefix

Name	Value
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.
Type	string
Default	192.168.0.0/16
minimum	9
maximum	18
Impact	fullReset
Displayed(tab/group)	ipv4EnbInternalRoutingPrefix

Table 79-27 jumboEnable

Name	Value
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.
Type	boolean
Default	false
Impact	fullReset
Displayed(tab/group)	jumboEnable

Table 79-28 mTU

Name	Value
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.
Type	Integer
Default	1500
minimum	1280
maximum	2000
Units	bytes
Impact	fullReset
Displayed(tab/group)	mTU

Table 79-29 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.
Type	Integer
minimum	0
maximum	1048575
Impact	fullReset
Displayed(tab/group)	macroEnbId

Table 79-30 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.
Type	string
minimum	20
maximum	20
Impact	fullReset
Displayed(tab/group)	macroEnbId

Table 79-31 maxNumberOfCallPerEnodeB

Name	Value
Description	Defines the max number of users that allowed per eNodeB
Type	Integer
Default	60
minimum	0
maximum	60
Impact	fullReset
Displayed(tab/group)	maxNumberOfCallPerEnodeB

Table 79-32 maxTimeAllowedForCsfbMobilityAttempt

Name	Value
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.
Type	Integer
Default	1200
minimum	500
maximum	4000
Units	ms
Impact	noReset
Displayed(tab/group)	maxTimeAllowedForCsfbMobilityAttempt

Table 79-33 modeConf

Name	Value
Description	Indicate cell mode in this eNB is TDD or FDD mode

Type	• TDD
	  • value: 0
	  • displayed: TDD
	• FDD
	  • value: 1
	  • displayed: FDD

Default	FDD
Impact	fullReset
Displayed(tab/group)	modeConf

Table 79-34 rrcProcedureDefenceTimer

Name	Value
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.
Type	Integer
Default	1000
minimum	50
maximum	3000
Units	ms
Impact	noReset
Displayed(tab/group)	rrcProcedureDefenceTimer

Table 79-35 s1APProcedureDefenceTimer

Name	Value
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.
Type	Integer
Default	1000
minimum	50
maximum	3000
Units	ms
Impact	noReset
Displayed(tab/group)	s1APProcedureDefenceTimer

Table 79-36 secondNtpServerIpAddress

Name	Value
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	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	secondNtpServerIpAddress

Table 79-37 secondNtpServerIpAddressType

Name	Value
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	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv4

Table 79-38 secondNtpServerIpAddressv6

Name	Value
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	InetAddress
Default	0:0:0:0:0:0:0:0
Impact	fullReset
Displayed(tab/group)	secondNtpServerIpAddressv6

Table 79-39 secondNtpServerIpAddressv6Type

Name	Value
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	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv6

Table 79-40 sp2DscpMappingEnable

Name	Value
Description	Enables use of mapping of ServiceProfile QoS to DSCP in eNB.
Type	boolean
access	read-create
Default	true
Impact	fullReset
Displayed(tab/group)	sp2DscpMappingEnable (/Clearable Attributes)
Note: The value of this parameter can be unset.	

Table 79-41 spare0

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare0 (Spare Info/Extended Configuration Capabilities)

Table 79-42 spare1

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare1 (Spare Info/Extended Configuration Capabilities)

Table 79-43 spare10

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	noReset
Displayed(tab/group)	spare10 (Spare Info/Extended Configuration Capabilities)

Table 79-44 spare11

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	noReset
Displayed(tab/group)	spare11 (Spare Info/Extended Configuration Capabilities)

Table 79-45 spare12

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	noReset
Displayed(tab/group)	spare12 (Spare Info/Extended Configuration Capabilities)

Table 79-46 spare13

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	noReset
Displayed(tab/group)	spare13 (Spare Info/Extended Configuration Capabilities)

Table 79-47 spare2

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare2 (Spare Info/Extended Configuration Capabilities)

Table 79-48 spare3

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare3 (Spare Info/Extended Configuration Capabilities)

Table 79-49 spare4

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare4 (Spare Info/Extended Configuration Capabilities)

Table 79-50 spare5

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare5 (Spare Info/Extended Configuration Capabilities)

Table 79-51 spare6

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare6 (Spare Info/Extended Configuration Capabilities)

Table 79-52 spare7

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare7 (Spare Info/Extended Configuration Capabilities)

Table 79-53 spare8

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare8 (Spare Info/Extended Configuration Capabilities)

Table 79-54 spare9

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare9 (Spare Info/Extended Configuration Capabilities)

Table 79-55 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.
Type	Integer
minimum	0
maximum	7
Impact	fullReset
Displayed(tab/group)	vLanPriorityForOAM (/Clearable Attributes)
Note: The value of this parameter can be unset.	

Table 79-56 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.
Type	Integer
minimum	0
maximum	7
Impact	fullReset
Displayed(tab/group)	vLanPriorityForPtpEventMessages (/Clearable Attributes)
Note: The value of this parameter can be unset.	

Table 79-57 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.
Type	Integer
minimum	0
maximum	7
Impact	fullReset
Displayed(tab/group)	vLanPriorityForPtpGeneralMessages (/Clearable Attributes)
Note: The value of this parameter can be unset.	

Table 79-58 x2APProcedureDefenceTimer

Name	Value
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.
Type	Integer
Default	1000
minimum	50
maximum	3000
Units	ms
Impact	noReset
Displayed(tab/group)	x2APProcedureDefenceTimer

Table 79-59 x2APProcedureDefenseTimer

Name	Value
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.
Type	Integer
Default	1000
minimum	50
maximum	3000
Units	ms
Impact	noReset
Displayed(tab/group)	x2APProcedureDefenseTimer

80 — EnbRadioConf

Table 80-1 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	noiseVarianceMetricSelect
maxNbrOfUsersConsideredAtMPEstage1	noPCQIonPUSCHafterHOtimer
maxNbrOfUsersForStretchingPHlimit	numberofIterationsForTurboDecoder
maxNumberOfMPEiterations	numberofULmeasurementsNeededForSendingValidTPCCommandForPUCCH
mCScorrectionBeforeRACHmsg1And3ForHigherBLERtarget	numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHdynamicMode
mCScorrectionBeforeRACHmsg1And3ForLowerBLERtarget	numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHsemiStaticMode
mCScorrectionForACQIinHigherBLERcase	pathLossAveragingCoefficient
mCScorrectionForACQIinLowerBLERcase	peakCEDecodingCapability
mCScorrectionForGrantsBeforeRachMsg1or3ForHigherBLERSetpoint	periodicCQISINRAveragingCoefficient
mCScorrectionForGrantsBeforeRachMsg1or3ForLowerBLERSetpoint	periodicRIRankAveragingCoefficient
mCScorrectionForPCQIinHigherBLERcase	pHRthresholdFor700MHzZoneA
mCScorrectionForPCQIinLowerBLERcase	pHRthresholdFor700MHzZoneAUntil_V2_x
mCScorrectionForSmallULPackets	pHRthresholdFor700MHzZoneB1
mCScorrectionPCQIguardTime	pHRthresholdFor700MHzZoneB1Until_V2_x
minAmountOfReTxAllowedBeforeRACHmsg1And3	pHRthresholdFor700MHzZoneB2
minGrantSizeForCQIreporting	pHRthresholdFor700MHzZoneB2Until_V2_x
minimumSIRCorrectionValueForPUSCH	pHRthresholdFor700MHzZoneC
minimumSIRforUEgrantExtension	pHRthresholdFor700MHzZoneCUntil_V2_x
minMCSwithACQI	prbUsageBeforeRachMsg1or3PHRthreshold
minMCSwithPCQI	pUCCHDMRSpowerAveragingCoefficient
mPEstage0HARQguardTimeForPCQI	pUCCHFormat1xDMRSpowerAveragingCoefficient
nbrofPUCCHformat1xMeasurementsNeededForSendingValidPUCCHTPCcmd	pUCCHFormat2xDMRSpowerAveragingCoefficient
nbrofPUCCHformat2xMeasurementsNeededForSendingValidPUCCHTPCcmd	pUSCHDMRSINRaveragingCoefficientForDynamicScheduling
noisePowerAveragingCoefficientForULMIMO	pUSCHDMRSINRaveragingCoefficientForSemiStaticScheduling
rankAveragingCoefficient	srsSINRsyncInitialValue
sEcorrInit	ulMCSTransitionTableForLargePUSCHGrants
sEcorrMax	ulMCSTransitionTableForSmallPUSCHGrants
sEcorrMin	ulMCSTransitionTablePRBsizeThreshold
sEcorrStep	ulSchedMPEstage3AccountForBO
sEcorrStepForHigherBLER	ulSyncSINROOStoSyncThreshold
sEcorrStepForLowerBLER	ulSyncSINROOStoSyncTreshold
sIRtargetCorrectionFactorTableForPUSCHsemiStaticUsers	ulSyncSINRsyncToOOSThreshold
smallPktHPuschPowerMargin	ulSyncSINRsyncToOOSTreshold
smallPktPuschPRBThr	ulSyncTimer
sRSpowerAveragingCoefficient	uplinkSIRtargetValueForDynamicPUSCHscheduling
sRSpowerForULSyncAveragingCoefficient	wBSRSsinrForFDHMaveragingCoefficient
srsSINRInitialValue	weightScaleDueToPCQI

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Table 80-2 aMPRappliedToSRSin700MHzMode

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	20
Units	dB
Impact	fullReset
Displayed(tab/group)	aMPRappliedToSRSin700MHzMode

Table 80-3 aUGprocessDuration

Name	Value
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.
Type	Integer
Default	200
minimum	0
maximum	500
Units	ms
Impact	partialReset
Displayed(tab/group)	aUGprocessDuration (eNodeB Radio Conf)

Table 80-4 aUGtriggerDelayforRACHmsg4

Name	Value
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).
Type	Integer
Default	200
minimum	0
maximum	500
Units	ms

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Name	Value
Impact	partialReset
Displayed(tab/group)	aUGtriggerDelayforRACHmsg4 (eNodeB Radio Conf)

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Table 80-5 aUGulBOincreasePeriod

Name	Value
Description	This parameter defines the time interval (in ms) between two consecutive UL BO increase on SRB1 due to an AUG trigger.
Type	Integer
Default	5
minimum	1
maximum	64
Units	ms
Impact	partialReset
Displayed(tab/group)	aUGulBOincreasePeriod (eNodeB Radio Conf)

Table 80-6 aUGulBOincreaseRAmsg4

Name	Value
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.
Type	Integer
Default	70
minimum	0
maximum	200
Units	bytes
Impact	partialReset
Displayed(tab/group)	aUGulBOincreaseRAmsg4 (eNodeB Radio Conf)

Table 80-7 aUGulBOincreaseRepetitionNumber

Name	Value
Description	This parameter defines the number of consecutive UL BO increases on SRB1 due to an AUG trigger.
Type	Integer
Default	3

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Name	Value
minimum	0
maximum	10
Impact	partialReset
Displayed(tab/group)	aUGulBOincreaseRepetitionNumber (eNodeB Radio Conf)

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Table 80-8 aUGulBOincreaseSRB1uponCallSetup

Name	Value
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.
Type	Integer
Default	20
minimum	0
maximum	200
Units	bytes
Impact	partialReset
Displayed(tab/group)	aUGulBOincreaseSRB1uponCallSetup (eNodeB Radio Conf)

Table 80-9 aperiodicCQISINRAveragingCoefficient

Name	Value
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
Type	Integer
Default	252
minimum	1
maximum	256
Impact	fullReset
Displayed(tab/group)	aperiodicCQISINRAveragingCoefficient

Table 80-10 aperiodicCQIrankAveragingCoefficient

Name	Value
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
Type	Integer
Default	15
minimum	1
maximum	256
Impact	fullReset
Displayed(tab/group)	aperiodicCQIrankAveragingCoefficient

Table 80-11 averageThroughputAveragingCoefficient

Name	Value
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.
Type	Integer
Default	1
minimum	0
maximum	16384
Impact	fullReset
Displayed(tab/group)	averageThroughputAveragingCoefficient

Table 80-12 cCEspaceMaxOverbookingFactor

Name	Value
Description	Maximum CCE search space overbooking factor allowed at the UL scheduling pre-selection stage
Type	Integer
Default	2
minimum	1
maximum	3
Impact	partialReset
Displayed(tab/group)	cCEspaceMaxOverbookingFactor

Table 80-13 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
Type	Integer
minimum	1
maximum	256
Impact	fullReset
Displayed(tab/group)	cQIAveragingCoefficient (eNodeB Radio Conf)

Table 80-14 cQIToSINRLookUpTable

Name	Value
Description	This parameter represents a table, for transforming CQI values into SINR estimated values in dB.
Type	Map (int to float)
Units	dB
Impact	fullReset

Table 80-15 dciFormatSelectorForTPC

Name	Value
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.

Type	• TPC_GROUP_COMMAND_NONE
	  • value: 0
	  • displayed: TPC Group Command None
	• TPC_GROUP_COMMAND_DCI_FORMAT_3
	  • value: 1
	  • displayed: TPC Group Command DCI Format 3
	• TPC_GROUP_COMMAND_DCI_FORMAT_3A
	  • value: 2
	  • displayed: TPC Group Command DCI Format 3A

Default	TPC_GROUP_COMMAND_DCI_FORMAT_3
Impact	fullReset
Displayed(tab/group)	dciFormatSelectorForTPC

Table 80-16 dlGBRClippingFactor

Name	Value
Description	Multiplied by Downlink Guaranted Bit Rate, this parameter configures the clipping applied by the Downlink Scheduler on the QoS metric computation.
Type	Integer
Default	2
minimum	1
maximum	5
Impact	fullReset
Displayed(tab/group)	dlGBRClippingFactor

Table 80-17 dlHARQPriorityAveragingCoefficient

Name	Value
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
Type	Integer
Default	128
minimum	1
maximum	256
Impact	fullReset
Displayed(tab/group)	dlHARQPriorityAveragingCoefficient

Table 80-18 dlMBRClippingFactor

Name	Value
Description	Multiplied by minus Downlink Maximum Bit Rate, this parameter configures the clipping applied by Downlink Scheduler during the QoS metric computation.
Type	Integer
Default	2
minimum	1
maximum	5
Impact	fullReset
Displayed(tab/group)	dlMBRClippingFactor

Table 80-19 dlMCSTransitionTable

Name	Value
Description	This parameter represents a table, composed of 28 SNR values(in dB), for switching between two consecutive Downlink MCSs.
Type	Map (int to float)
Units	dB
Impact	fullReset

Table 80-20 dlProportionalFairAveragingCoefficient

Name	Value
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
Type	Integer
Default	3
minimum	1
maximum	256
Impact	fullReset
Displayed(tab/group)	dlProportionalFairAveragingCoefficient

Table 80-21 energyMetricSelect

Name	Value
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
Type	Integer
Default	0
minimum	0
maximum	1
Impact	fullReset
Displayed(tab/group)	energyMetricSelect

Table 80-22 enforceAMBRvalues

Name	Value
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.
Type	boolean
Default	false
Impact	fullReset
Displayed(tab/group)	enforceAMBRvalues

Table 80-23 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.

Type	• MIMO
	  • value: 0
	  • displayed: MIMO
	• SIMO_lower_disabled
	  • value: 1
	  • displayed: SIMO Lower Disabled
	• SIMO_higher_disabled
	  • value: 2
	  • displayed: SIMO Higher Disabled

Impact	fullReset
Displayed(tab/group)	fakeSIMO (eNodeB Radio Conf)

Table 80-24 gBRAggregateMaximumCorrectionFactor

Name	Value
Description	Correction factor used to derive the max GBR token counter increment from the raw aggregate GBR value.
Type	IP address exclusively (hostname not allowed)
Default	2
minimum	0
maximum	4
Impact	fullReset
Displayed(tab/group)	gBRAggregateMaximumCorrectionFactor

Table 80-25 gBRAggregateMinimumCorrectionFactor

Name	Value
Description	Correction factor used to derive the GBR token counter increment from the raw aggregate GBR value.
Type	IP address exclusively (hostname not allowed)
Default	1
minimum	0
maximum	2
Impact	fullReset
Displayed(tab/group)	gBRAggregateMinimumCorrectionFactor

Table 80-26 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.
Type	Map (int to int)
Impact	partialReset

Table 80-27 id

Name	Value
Description	EnbRadioConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 80-28 initialSIRtargetValueForPUSCHSemiStaticUsers

Name	Value
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
Type	IP address exclusively (hostname not allowed)

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Name	Value
Default	10
minimum	-5
maximum	25
Impact	fullReset
Displayed(tab/group)	initialSIRtargetValueForPUSCHSemiStaticUsers (eNodeB Radio Conf)

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Table 80-29 initialSIRtargetValueForPUSCHnonSemiStaticUsers

Name	Value
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
Type	IP address exclusively (hostname not allowed)
Default	10
minimum	-5
maximum	25
Impact	fullReset
Displayed(tab/group)	initialSIRtargetValueForPUSCHnonSemiStaticUsers (eNodeB Radio Conf)

Table 80-30 isPrioMetricBiasAllowedForACQIgrants

Name	Value
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
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	isPrioMetricBiasAllowedForACQIgrants

Table 80-31 kFacqi

Name	Value
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.
Type	Integer
Default	10

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Name	Value
minimum	0
maximum	2047
Impact	partialReset
Displayed(tab/group)	kFacqi

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Table 80-32 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.
Type	Map (int to int)
Impact	partialReset

Table 80-33 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...
Type	Map (int to float)
Units	dB
Impact	partialReset

Table 80-34 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...
Type	Map (int to float)
Units	dB
Impact	partialReset

Table 80-35 mCScorrectionForACQIinHigherBLERcase

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0
maximum	5
Units	dB
Impact	partialReset
Displayed(tab/group)	mCScorrectionForACQIinHigherBLERcase

Table 80-36 mCScorrectionForACQIinLowerBLERcase

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	2
minimum	0
maximum	5
Units	dB
Impact	partialReset
Displayed(tab/group)	mCScorrectionForACQIinLowerBLERcase

Table 80-37 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
Type	Map (int to float)
Units	dB
Impact	partialReset

Table 80-38 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
Type	Map (int to float)
Units	dB
Impact	partialReset

Table 80-39 mCScorrectionForPCQIinHigherBLERcase

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0
maximum	5
Units	dB
Impact	partialReset
Displayed(tab/group)	mCScorrectionForPCQIinHigherBLERcase

Table 80-40 mCScorrectionForPCQIinLowerBLERcase

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	2
minimum	0
maximum	5
Units	dB
Impact	partialReset
Displayed(tab/group)	mCScorrectionForPCQIinLowerBLERcase

Table 80-41 mCScorrectionForSmallULPackets

Name	Value
Description	represents the correction used when doing the MCS selection for a PUSCH grant contains a small packet only (as per SmallPktPuschPRBThr criteria).
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0
maximum	5
Units	dB
Impact	partialReset
Displayed(tab/group)	mCScorrectionForSmallULPackets

Table 80-42 mCScorrectionPCQIguardTime

Name	Value
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.
Type	Integer
Default	1
minimum	0
maximum	4
Impact	partialReset
Displayed(tab/group)	mCScorrectionPCQIguardTime (eNodeB Radio Conf)

Table 80-43 mPEstage0HARQguardTimeForPCQI

Name	Value
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.
Type	Integer
Default	1
minimum	0
maximum	4
Impact	partialReset
Displayed(tab/group)	mPEstage0HARQguardTimeForPCQI (eNodeB Radio Conf)

Table 80-44 mandatoryTpcThresholdRelativeDown

Name	Value
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
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0.25
maximum	6
Units	dB
Impact	fullReset
Displayed(tab/group)	mandatoryTpcThresholdRelativeDown

Table 80-45 mandatoryTpcThresholdRelativeUp

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0.25
maximum	6
Units	dB
Impact	fullReset
Displayed(tab/group)	mandatoryTpcThresholdRelativeUp

Table 80-46 maxAperiodicCQIGrantSizeAtMPEstage3

Name	Value
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

Type	• 1
	  • value: 0
	  • displayed: 1
	• 2
	  • value: 1
	  • displayed: 2

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Name	Value

Type (continued)	• 3
	  • value: 2
	  • displayed: 3
	• 4
	  • value: 3
	  • displayed: 4
	• 5
	  • value: 4
	  • displayed: 5
	• 6
	  • value: 5
	  • displayed: 6
	• 8
	  • value: 6
	  • displayed: 8
	• 9
	  • value: 7
	  • displayed: 9
	• 10
	  • value: 8
	  • displayed: 10
	• 12
	  • value: 9
	  • displayed: 12
	• 15
	  • value: 10
	  • displayed: 15
	• 16
	  • value: 11
	  • displayed: 16
	• 18
	  • value: 12
	  • displayed: 18
	• 20
	  • value: 13
	  • displayed: 20
	• 24
	  • value: 14
	  • displayed: 24
	• 25
	  • value: 15
	  • displayed: 25
	• 27
	  • value: 16
	  • displayed: 27
	• 30
	  • value: 17
	  • displayed: 30
	• 32
	  • value: 18
	  • displayed: 32
	• 36
	  • value: 19
	  • displayed: 36

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Name	Value

Type (continued)	• 40
	  • value: 20
	  • displayed: 40
	• 45
	  • value: 21
	  • displayed: 45
	• 48
	  • value: 22
	  • displayed: 48
	• 50
	  • value: 23
	  • displayed: 50
	• 54
	  • value: 24
	  • displayed: 54
	• 60
	  • value: 25
	  • displayed: 60
	• 64
	  • value: 26
	  • displayed: 64
	• 72
	  • value: 27
	  • displayed: 72
	• 75
	  • value: 28
	  • displayed: 75
	• 80
	  • value: 29
	  • displayed: 80
	• 81
	  • value: 30
	  • displayed: 81
	• 90
	  • value: 31
	  • displayed: 90
	• 96
	  • value: 32
	  • displayed: 96
	• 100
	  • value: 33
	  • displayed: 100

Default	8
Impact	partialReset
Displayed(tab/group)	maxAperiodicCQIGrantSizeAtMPEstage3

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Table 80-47 maxFacqi

Name	Value
Description	Defines the maximum value of the QoS weight component associated to A-CQI granting management in the UL dynamic scheduler.
Type	Integer
Default	400
minimum	0
maximum	10000
Impact	partialReset
Displayed(tab/group)	maxFacqi

Table 80-48 maxHARQtxWithoutMGcollisionFor40msMGPattern

Name	Value
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.
Type	Integer
Default	2
minimum	1
maximum	5
Impact	partialReset
Displayed(tab/group)	maxHARQtxWithoutMGcollisionFor40msMGPattern

Table 80-49 maxHARQtxWithoutMGcollisionFor80msMGPattern

Name	Value
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.
Type	Integer
Default	2
minimum	1
maximum	5
Impact	partialReset
Displayed(tab/group)	maxHARQtxWithoutMGcollisionFor80msMGPattern

Table 80-50 maxNbrOfACQIrequestAtMPEstage0

Name	Value
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.
Type	Integer
Default	3
minimum	0
maximum	10
Impact	partialReset
Displayed(tab/group)	maxNbrOfACQIrequestAtMPEstage0

Table 80-51 maxNbrOfPCQIonPUSCHAtMPEstage0

Name	Value
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.
Type	Integer
Default	3
minimum	0
maximum	10
Impact	partialReset
Displayed(tab/group)	maxNbrOfPCQIonPUSCHAtMPEstage0

Table 80-52 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.
Type	Integer
minimum	1
maximum	255
Impact	fullReset
Displayed(tab/group)	MaxNbrOfUsersConsideredAtMPEstage1

Table 80-53 maxNbrOfUsersForStretchingPHlimit

Name	Value
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 UEs 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.
Type	Integer
Default	4
minimum	0
maximum	16
Units	users
Impact	fullReset
Displayed(tab/group)	maxNbrOfUsersForStretchingPHlimit

Table 80-54 maxNumberOfMPEiterations

Name	Value
Description	Max Number Of MPE iterations allowed in one TTI
Type	Integer
Default	6
minimum	1
maximum	16
Units	iterations
Impact	fullReset
Displayed(tab/group)	maxNumberOfMPEiterations

Table 80-55 maximumGBRDeficitFactor

Name	Value
Description	Factor used to compute the maximum GBR deficit that can be accumulated by the GBR token counter metric
Type	Integer
Default	1000
minimum	0
maximum	1000
Impact	fullReset
Displayed(tab/group)	maximumGBRDeficitFactor

Table 80-56 maximumSIRCorrectionValueForPUSCH

Name	Value
Description	Provides information on the maximum SIR target correction value.
Type	IP address exclusively (hostname not allowed)
minimum	-10
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	maximumSIRCorrectionValueForPUSCH (eNodeB Radio Conf)

Table 80-57 minAmountOfReTxAllowedBeforeRACHmsg1And3

Name	Value
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.
Type	Integer
Default	1
minimum	0
maximum	4
Impact	partialReset
Displayed(tab/group)	minAmountOfReTxAllowedBeforeRACHmsg1And3

Table 80-58 minGrantSizeForCQIreporting

Name	Value
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

Type	• 1
	  • value: 0
	  • displayed: 1
	• 2
	  • value: 1
	  • displayed: 2
	• 3
	  • value: 2
	  • displayed: 3

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Name	Value

Type (continued)	• 4
	  • value: 3
	  • displayed: 4
	• 5
	  • value: 4
	  • displayed: 5
	• 6
	  • value: 5
	  • displayed: 6
	• 8
	  • value: 6
	  • displayed: 8
	• 9
	  • value: 7
	  • displayed: 9
	• 10
	  • value: 8
	  • displayed: 10
	• 12
	  • value: 9
	  • displayed: 12
	• 15
	  • value: 10
	  • displayed: 15
	• 16
	  • value: 11
	  • displayed: 16
	• 18
	  • value: 12
	  • displayed: 18
	• 20
	  • value: 13
	  • displayed: 20
	• 24
	  • value: 14
	  • displayed: 24
	• 25
	  • value: 15
	  • displayed: 25
	• 27
	  • value: 16
	  • displayed: 27
	• 30
	  • value: 17
	  • displayed: 30
	• 32
	  • value: 18
	  • displayed: 32
	• 36
	  • value: 19
	  • displayed: 36
	• 40
	  • value: 20
	  • displayed: 40

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Name	Value

Type (continued)	• 45
	  • value: 21
	  • displayed: 45
	• 48
	  • value: 22
	  • displayed: 48
	• 50
	  • value: 23
	  • displayed: 50
	• 54
	  • value: 24
	  • displayed: 54
	• 60
	  • value: 25
	  • displayed: 60
	• 64
	  • value: 26
	  • displayed: 64
	• 72
	  • value: 27
	  • displayed: 72
	• 75
	  • value: 28
	  • displayed: 75
	• 80
	  • value: 29
	  • displayed: 80
	• 81
	  • value: 30
	  • displayed: 81
	• 90
	  • value: 31
	  • displayed: 90
	• 96
	  • value: 32
	  • displayed: 96
	• 100
	  • value: 33
	  • displayed: 100

Default	4
Impact	partialReset
Displayed(tab/group)	minGrantSizeForCQIreporting

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Table 80-59 minMCSwithACQI

Name	Value
Description	indicates the minimum MCS allowed when A-CQI is multiplexed with PUSCH.
Type	Integer
Default	5

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Name	Value
minimum	0
maximum	22
Impact	partialReset
Displayed(tab/group)	minMCSwithACQI

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Table 80-60 minMCSwithPCQI

Name	Value
Description	indicates the minimum MCS allowed when P-CQI/PMI/RI is multiplexed with PUSCH.
Type	Integer
Default	5
minimum	0
maximum	22
Impact	partialReset
Displayed(tab/group)	minMCSwithPCQI

Table 80-61 minimumSIRCorrectionValueForPUSCH

Name	Value
Description	Provides information on the minimum SIR target correction value.
Type	IP address exclusively (hostname not allowed)
minimum	-10
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	minimumSIRCorrectionValueForPUSCH (eNodeB Radio Conf)

Table 80-62 minimumSIRforUEgrantExtension

Name	Value
Description	Minimum post IDFT SINR that is considered acceptable to assign an UL grant extension beyond a UEs power headroom limitation.
Type	IP address exclusively (hostname not allowed)
Default	-5
minimum	-20

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Name	Value
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	minimumSIRforUEgrantExtension

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Table 80-63 nbrofPUCCHformat1xMeasurementsNeededForSendingValidPUCCHTPCcmd

Name	Value
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.
Type	Integer
Default	10
minimum	1
maximum	255
Impact	partialReset
Displayed(tab/group)	nbrofPUCCHformat1xMeasurementsNeededForSendingValidPUCCHTPCcmd

Table 80-64 nbrofPUCCHformat2xMeasurementsNeededForSendingValidPUCCHTPCcmd

Name	Value
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.
Type	Integer
Default	4
minimum	1
maximum	255
Impact	partialReset
Displayed(tab/group)	nbrofPUCCHformat2xMeasurementsNeededForSendingValidPUCCHTPCcmd

Table 80-65 noPCQIonPUSCHafterHOtimer

Name	Value
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.
Type	Integer
Default	200
minimum	0
maximum	630
Units	ms
Impact	partialReset

Table 80-66 noisePowerAveragingCoefficientForULMIMO

Name	Value
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.
Type	Integer
Default	256
minimum	0
maximum	16384
Impact	fullReset
Displayed(tab/group)	noisePowerAveragingCoefficientForULMIMO

Table 80-67 noiseVarianceMetricSelect

Name	Value
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
Type	Integer
Default	0
minimum	0
maximum	1
Impact	fullReset
Displayed(tab/group)	noiseVarianceMetricSelect

Table 80-68 numberofIterationsForTurboDecoder

Name	Value
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
Type	Integer
Default	8
minimum	1
maximum	10
Impact	fullReset
Displayed(tab/group)	numberofIterationsForTurboDecoder (eNodeB Radio Conf)

Table 80-69 numberofULmeasurementsNeededForSendingValidTPCCommandForPUCCH

Name	Value
Description	defines the mininimum number of UL measurement samples to be received between two consecutive non null PUCCH power control commands.
Type	Integer
Default	8
minimum	1
maximum	255
Impact	fullReset
Displayed(tab/group)	numberofULmeasurementsNeededForSendingValidTPCCommandForPUCCH (eNodeB Radio Conf)

Table 80-70 numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHdynamicMode

Name	Value
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.
Type	Integer
Default	50
minimum	1
maximum	255
Impact	fullReset
Displayed(tab/group)	numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHdynamicMode (eNodeB Radio Conf)

Table 80-71 numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHsemiStaticMode

Name	Value
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.
Type	Integer
Default	6
minimum	1
maximum	255
Impact	fullReset
Displayed(tab/group)	numberofULmeasurementsNeededForSendingValidTPCCommandForPUSCHsemiStaticMode (eNodeB Radio Conf)

Table 80-72 pHRthresholdFor700MHzZoneA

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.
Type	IP address exclusively (hostname not allowed)
minimum	-24
maximum	58
Units	dB
Impact	fullReset
Displayed(tab/group)	pHRthresholdFor700MHzZoneA (eNodeB Radio Conf)

Table 80-73 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.
Type	Map (int to float)
Units	dB
Impact	fullReset

Table 80-74 pHRthresholdFor700MHzZoneB1

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.
Type	IP address exclusively (hostname not allowed)
minimum	-24
maximum	58
Units	dB
Impact	fullReset
Displayed(tab/group)	pHRthresholdFor700MHzZoneB1 (eNodeB Radio Conf)

Table 80-75 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.
Type	Map (int to float)
Units	dB
Impact	fullReset

Table 80-76 pHRthresholdFor700MHzZoneB2

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.
Type	IP address exclusively (hostname not allowed)
minimum	-24
maximum	58
Units	dB
Impact	fullReset
Displayed(tab/group)	pHRthresholdFor700MHzZoneB2 (eNodeB Radio Conf)

Table 80-77 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.
Type	Map (int to float)
Units	dB
Impact	fullReset

Table 80-78 pHRthresholdFor700MHzZoneC

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.
Type	IP address exclusively (hostname not allowed)
minimum	-24
maximum	58
Units	dB
Impact	fullReset
Displayed(tab/group)	pHRthresholdFor700MHzZoneC (eNodeB Radio Conf)

Table 80-79 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.
Type	Map (int to float)
Units	dB
Impact	fullReset

Table 80-80 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.
Type	Integer
minimum	0
maximum	16384

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Name	Value
Impact	fullReset
Displayed(tab/group)	pUCCHDMRSpowerAveragingCoefficient (eNodeB Radio Conf)

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Table 80-81 pUCCHFormat1xDMRSpowerAveragingCoefficient

Name	Value
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.
Type	Integer
Default	2048
minimum	0
maximum	16384
Impact	partialReset
Displayed(tab/group)	pUCCHFormat1xDMRSpowerAveragingCoefficient (eNodeB Radio Conf)

Table 80-82 pUCCHFormat2xDMRSpowerAveragingCoefficient

Name	Value
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.
Type	Integer
Default	4096
minimum	0
maximum	16384
Impact	partialReset
Displayed(tab/group)	pUCCHFormat2xDMRSpowerAveragingCoefficient (eNodeB Radio Conf)

Table 80-83 pUSCHDMRSINRaveragingCoefficientForDynamicScheduling

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.
Type	Integer
Default	300
minimum	0

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Name	Value
maximum	16384
Impact	fullReset
Displayed(tab/group)	PUSCHDMRSINRaveragingCoefficientForDynamicScheduling

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Table 80-84 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.
Type	Integer
minimum	0
maximum	16384
Impact	fullReset
Displayed(tab/group)	pUSCHDMRSINRaveragingCoefficientForSemiStaticScheduling (eNodeB Radio Conf)

Table 80-85 pathLossAveragingCoefficient

Name	Value
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
Type	Integer
Default	4096
minimum	0
maximum	16384
Impact	fullReset
Displayed(tab/group)	pathLossAveragingCoefficient (eNodeB Radio Conf)

Table 80-86 peakCEDecodingCapability

Name	Value
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.
Type	Integer
Default	25000
minimum	0

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Name	Value
maximum	100000
Units	bit/ms
Impact	fullReset
Displayed(tab/group)	peakCEDecodingCapability (eNodeB Radio Conf)

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Table 80-87 periodicCQISINRAveragingCoefficient

Name	Value
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
Type	Integer
Default	252
minimum	1
maximum	256
Impact	partialReset
Displayed(tab/group)	periodicCQISINRAveragingCoefficient (eNodeB Radio Conf)

Table 80-88 periodicRIRankAveragingCoefficient

Name	Value
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
Type	Integer
Default	15
minimum	1
maximum	256
Impact	partialReset
Displayed(tab/group)	periodicRIRankAveragingCoefficient (eNodeB Radio Conf)

Table 80-89 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..
Type	Map (int to float)
Units	dB
Impact	partialReset

Table 80-90 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
Type	Integer
minimum	1
maximum	256
Impact	fullReset
Displayed(tab/group)	rankAveragingCoefficient (eNodeB Radio Conf)

Table 80-91 sEcorrInit

Name	Value
Description	Initial Spectrum Efficiency correction factor value, as per Link Adaptation section in UL DRAPS FN. In dB
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	-10
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	sEcorrInit (eNodeB Radio Conf)

Table 80-92 sEcorrMax

Name	Value
Description	Maximum spectrum Efficiency correction factor value as per Link Adaptation section in UL DRAPS FN. In dB
Type	IP address exclusively (hostname not allowed)
Default	10
minimum	-10
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	sEcorrMax (eNodeB Radio Conf)

Table 80-93 sEcorrMin

Name	Value
Description	Minimum spectrum Efficiency correction factor value, as per Link Adaptation section in UL DRAPS FN. In dB
Type	IP address exclusively (hostname not allowed)
Default	-10
minimum	-10
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	sEcorrMin (eNodeB Radio Conf)

Table 80-94 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)
Type	Map (int to float)
Units	dB
Impact	fullReset

Table 80-95 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.
Type	Map (int to float)
Units	dB
Impact	partialReset

Table 80-96 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.
Type	Map (int to float)
Units	dB
Impact	partialReset

Table 80-97 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.
Type	Map (int to float)
Units	dB
Impact	fullReset

Table 80-98 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
Type	Integer
minimum	0
maximum	16384
Impact	fullReset
Displayed(tab/group)	sRSpowerAveragingCoefficient (eNodeB Radio Conf)

Table 80-99 sRSpowerForULSyncAveragingCoefficient

Name	Value
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
Type	Integer
Default	1024
minimum	0
maximum	16384
Impact	fullReset
Displayed(tab/group)	sRSpowerForULSyncAveragingCoefficient (eNodeB Radio Conf)

Table 80-100 smallPktHPuschPowerMargin

Name	Value
Description	UE power margin indicating UE has ample power to transmit much larger pkt, so the small pkts are only due to small BO.
Type	Integer
Default	3
minimum	0
maximum	20
Impact	partialReset
Displayed(tab/group)	smallPktHPuschPowerMargin (eNodeB Radio Conf)

Table 80-101 smallPktPuschPRBThr

Name	Value
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
Type	Integer
Default	3
minimum	0
maximum	10
Units	bytes
Impact	partialReset
Displayed(tab/group)	smallPktPuschPRBThr (eNodeB Radio Conf)

Table 80-102 srsSINRInitialValue

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	-15
maximum	20
Units	dB
Impact	partialReset
Displayed(tab/group)	srsSINRInitialValue (eNodeB Radio Conf)

Table 80-103 srsSINRsyncInitialValue

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	20
minimum	-15
maximum	20
Units	dB

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Name	Value
Impact	partialReset
Displayed(tab/group)	srsSINRsyncInitialValue (eNodeB Radio Conf)

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Table 80-104 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
Type	Map (int to float)
Units	dB
Impact	partialReset

Table 80-105 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
Type	Map (int to float)
Units	dB
Impact	partialReset

Table 80-106 ulMCSTransitionTablePRBsizeThreshold

Name	Value
Description	Smallest PUSCH grant size for using the ulMCSTransitionTableForLargePUSCHGrants instead of the ulMCSTransitionTableForSmallPUSCHGrants transition table.
Type	Integer
Default	7
minimum	0
maximum	100
Impact	partialReset
Displayed(tab/group)	ulMCSTransitionTablePRBsizeThreshold (eNodeB Radio Conf)

Table 80-107 ulSchedMPEstage3AccountForBO

Name	Value
Description	Indicates if BO is accounted for to compute the max number of UL PRB that can be assigned to a UE.

Type	• enabled
	  • value: 0
	  • displayed: Enabled
	• disabled
	  • value: 1
	  • displayed: Disabled

Default	enabled
Impact	fullReset
Displayed(tab/group)	ulSchedMPEstage3AccountForBO (eNodeB Radio Conf)

Table 80-108 ulSyncSINROOStoSyncThreshold

Name	Value
Description	This parameter defines the threshold for transition from Out-of-Sync to In-Sync status in UL scheduler.
Type	IP address exclusively (hostname not allowed)
Default	-4
minimum	-20
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	ulSyncSINROOStoSyncThreshold (eNodeB Radio Conf)

Table 80-109 ulSyncSINROOStoSyncTreshold

Name	Value
Description	Threshold for transition from Out of Sync to In Sync status in UL scheduler.
Type	IP address exclusively (hostname not allowed)
Default	-4
minimum	-20
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	ulSyncSINROOStoSyncTreshold (eNodeB Radio Conf)

Table 80-110 ulSyncSINRsyncToOOSThreshold

Name	Value
Description	This parameter defines the threshold for transition from In-Sync to Out-of-Sync status in UL scheduler.
Type	IP address exclusively (hostname not allowed)
Default	-5
minimum	-20
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	ulSyncSINRsyncToOOSThreshold (eNodeB Radio Conf)

Table 80-111 ulSyncSINRsyncToOOSTreshold

Name	Value
Description	Threshold for transition from In Sync to Out of Sync status in UL scheduler.
Type	IP address exclusively (hostname not allowed)
Default	-5
minimum	-20
maximum	10
Units	dB
Impact	fullReset
Displayed(tab/group)	ulSyncSINRsyncToOOSTreshold (eNodeB Radio Conf)

Table 80-112 ulSyncTimer

Name	Value
Description	ULsynctimer value in second. When a call spend more than TimerULsyncState then MAC notifies CallP.
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0
maximum	10
Units	s
Impact	fullReset
Displayed(tab/group)	ulSyncTimer (eNodeB Radio Conf)

Table 80-113 uplinkSIRtargetValueForDynamicPUSCHscheduling

Name	Value
Description	UL SIR Target Value used for dynamically schedduled PUSCH traffic when Fractional Power control is not enabled.
Type	IP address exclusively (hostname not allowed)
Default	4
minimum	-5
maximum	25
Impact	partialReset
Displayed(tab/group)	uplinkSIRtargetValueForDynamicPUSCHscheduling (eNodeB Radio Conf)

Table 80-114 wBSRSsinrForFDHMaveragingCoefficient

Name	Value
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.
Type	Integer
Default	2700
minimum	0
maximum	16384
Impact	partialReset
Displayed(tab/group)	wBSRSsinrForFDHMaveragingCoefficient (eNodeB Radio Conf)

Table 80-115 weightScaleDueToPCQI

Name	Value
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
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0
maximum	10
Units	dB
Impact	partialReset
Displayed(tab/group)	weightScaleDueToPCQI (eNodeB Radio Conf)

81 — EnbTransportConf

Table 81-1 EnbTransportConf parameters

Parameters	
enbEgressAggregatedFlowCbs	enbEgressTransportBandwidthShapingPercentage
enbEgressAggregatedFlowEbs	id
enbEgressAggregatedFlowEir	ulSchedulingBufferSizeList
enbEgressTransportBandwidth	ulTransportTrafficShapingEnabled

Table 81-2 enbEgressAggregatedFlowCbs

Name	Value
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.
Type	Integer
Default	10000
minimum	0
maximum	1000000
Units	Kbytes
Impact	fullReset
Displayed(tab/group)	enbEgressAggregatedFlowCbs

Table 81-3 enbEgressAggregatedFlowEbs

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	1000000
Units	Kbytes
Impact	fullReset
Displayed(tab/group)	enbEgressAggregatedFlowEbs

Table 81-4 enbEgressAggregatedFlowEir

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	1000000
Units	Kb/s
Impact	fullReset
Displayed(tab/group)	enbEgressAggregatedFlowEir

Table 81-5 enbEgressTransportBandwidth

Name	Value
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.
Type	Integer
Default	800000
minimum	0
maximum	2000000
Units	Kb/s

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Name	Value
Impact	fullReset
Displayed(tab/group)	enbEgressTransportBandwidth

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Table 81-6 enbEgressTransportBandwidthShapingPercentage

Name	Value
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)
Type	Integer
Default	100
minimum	0
maximum	100
Units	%
Impact	fullReset
Displayed(tab/group)	enbEgressTransportBandwidthShapingPercentage

Table 81-7 id

Name	Value
Description	EnbTransportConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 81-8 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.

(1 of 2)

Name	Value
Type	Map (int to int)
Impact	fullReset

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Table 81-9 ulTransportTrafficShapingEnabled

Name	Value
Description	The parameter to disable/enable the UL transport interface traffic shaping feature
Type	boolean
Default	false
Impact	fullReset
Displayed(tab/group)	ulTransportTrafficShapingEnabled

82 — EPCGateway

Table 82-1 EPCGateway parameters

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

Table 82-2 administrativeState

Name	Value
Description	Administrative State for the EPC.

Type	• noop
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• portNoop
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• inService
	  • value: 2
	  • displayed: Up

(1 of 2)

Name	Value

Type (continued)	• portInService
	  • value: 2
	  • displayed: Up
	• outOfService
	  • value: 3
	  • displayed: Down
	• portOutOfService
	  • value: 3
	  • displayed: Down
	• diagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• portDiagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• operateSwitch
	  • value: 5
	  • displayed: Operate Switch
	  • not selectable
	• shuttingDown
	  • value: 6
	  • displayed: Shutting Down
	  • not selectable
	• notRelevant
	  • value: 7
	  • displayed: Not Relevant
	  • not selectable
	• unlocked
	  • value: 8
	  • displayed: Unlocked
	  • not selectable
	• locked
	  • value: 10
	  • displayed: Locked
	  • not selectable

Default	inService
Displayed(tab/group)	Administrative State (/States)

(2 of 2)

Table 82-3 bearerGtpuSeqNumber

Name	Value
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	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled

Default	disabled

Table 82-4 bearerGtpuUdpChecksum

Name	Value
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	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled

Default	disabled

Table 82-5 chargingCcReject

Name	Value
Description	This property is only applicable when modifying an existing object
Type	boolean
Default	false

Table 82-6 chargingIgnoreAny

Name	Value
Description	This property is only applicable when modifying an existing object
Type	boolean
Default	false

Table 82-7 chargingIgnoreHome

Name	Value
Description	This property is only applicable when modifying an existing object
Type	boolean
Default	false

Table 82-8 chargingIgnoreRoaming

Name	Value
Description	This property is only applicable when modifying an existing object
Type	boolean
Default	false

Table 82-9 chargingIgnoreVisiting

Name	Value
Description	This property is only applicable when modifying an existing object
Type	boolean
Default	false

Table 82-10 collectStats

Name	Value
Type	boolean
Displayed(tab/group)	Collect Accounting Statistics (/Accounting)

Table 82-11 epcId

Name	Value
Description	The EPCGateway instance; for rel 1.0, still only ID 1 is allowed; future releases will allow 1-8
Type	Long integer
access	read-create
Default	1
minimum	1
maximum	8
Displayed(tab/group)	EPC ID

Table 82-12 groupId

Name	Value
Description	Group Id : 3 characters
Type	string
Default	000
Displayed(tab/group)	Group ID (/Mobile Node ID)

Table 82-13 mobileNodeName

Name	Value
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.
Type	string
minimum	0
maximum	252
Displayed(tab/group)	Mobile Node Name (/Mobile Node ID)

Table 82-14 nodeId

Name	Value
Description	Node Id : 3 characters
Type	string

(1 of 2)

Name	Value
Default	000
Displayed(tab/group)	Node ID (/Mobile Node ID)

(2 of 2)

Table 82-15 pccDynamicState

Name	Value
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.

Type	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled

Default	disabled
Displayed(tab/group)	Dynamic PCC (/PCC)

Table 82-16 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

(2 of 2)

Table 82-17 type

Name	Value

Type	• none
	  • value: 0
	  • displayed: Non-EPC
	  • not selectable
	• sgw
	  • value: 1
	  • displayed: Serving Gateway
	• pgw
	  • value: 2
	  • displayed: PDN Gateway
	  • not selectable
	• agw
	  • value: 3
	  • displayed: S and P Gateway
	  • not selectable
	• mme
	  • value: 4
	  • displayed: Mobility Management Entity
	  • not selectable
	• dsc
	  • value: 5
	  • displayed: Dynamic Services Controller
	  • not selectable
	• enb
	  • value: 6
	  • displayed: Evolved NodeB
	  • not selectable
	• unepgw
	  • value: 7
	  • displayed: Unmanaged PDN Gateway
	  • not selectable

Default	none
Displayed(tab/group)	EPC Subcomponent

83 — EPSPathComponent

Table 83-1 EPSPathComponent parameters

Parameters	
componentType description endPointASiteId	endPointBSiteId id order

Table 83-2 componentType

Name	Value
Description	can be a network interface, an access interface, a SAP, a service.

Type	• other
	  • value: 0
	  • displayed: Other
	  • not selectable
	• physicalLink
	  • value: 1
	  • displayed: Physical Link
	• discoveredPhysicalLink
	  • value: 2
	  • displayed: Discovered Physical Link
	• service
	  • value: 3
	  • displayed: Service

(1 of 2)

Name	Value

Type (continued)	• interface
	  • value: 4
	  • displayed: Network Interface
	• staticroute
	  • value: 5
	  • displayed: Static Route

Displayed(tab/group)	Component Type

(2 of 2)

Table 83-3 description

Name	Value
Type	string
Displayed(tab/group)	Description

Table 83-4 endPointASiteId

Name	Value
Description	Site ID of endpoint A.
Type	string
access	read-create
Default	0.0.0.0
maximum	50

Table 83-5 endPointBSiteId

Name	Value
Description	Site ID of endpoint B.
Type	string
access	read-create
Default	0.0.0.0
maximum	50

Table 83-6 id

Name	Value
Type	Long integer
access	read-create
Default	0
minimum	1

Table 83-7 order

Name	Value
Type	Integer
Default	0
minimum	1
maximum	30
Displayed(tab/group)	Order

84 — EPSPathDiscoveryHint

Table 84-1 EPSPathDiscoveryHint parameters

Parameters	
description id	selectedForDrillDown type

Table 84-2 description

Name	Value
Type	string
minimum	0
maximum	30
Displayed(tab/group)	Description

Table 84-3 id

Name	Value
Type	Long integer
access	read-create
Default	0
minimum	1
Displayed(tab/group)	ID

Table 84-4 selectedForDrillDown

Name	Value
Type	boolean
Default	true
Displayed(tab/group)	High Priority

Table 84-5 type

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Select...
	  • not selectable
	• s1
	  • value: 1
	  • displayed: S1
	  • not selectable
	• s1u
	  • value: 2
	  • displayed: S1-u
	• s5
	  • value: 3
	  • displayed: S5
	• s8
	  • value: 4
	  • displayed: S8
	• s11
	  • value: 5
	  • displayed: S11
	• s12
	  • value: 6
	  • displayed: S12
	• s6a
	  • value: 8
	  • displayed: S6a
	  • not selectable
	• sv
	  • value: 9
	  • displayed: Sv
	  • not selectable
	• gn
	  • value: 10
	  • displayed: Gn
	  • not selectable
	• s1mme
	  • value: 11
	  • displayed: S1-mme
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• gx
	  • value: 12
	  • displayed: Gx
	• sg
	  • value: 13
	  • displayed: SG
	  • not selectable
	• s10
	  • value: 14
	  • displayed: S10
	  • not selectable
	• s3
	  • value: 15
	  • displayed: S3
	  • not selectable
	• s13
	  • value: 16
	  • displayed: S13
	  • not selectable
	• rf
	  • value: 17
	  • displayed: Rf
	  • not selectable
	• dsc
	  • value: 18
	  • displayed: Dsc
	  • not selectable
	• x2
	  • value: 19
	  • displayed: X2
	  • not selectable
	• ga
	  • value: 20
	  • displayed: Ga
	  • not selectable

access	read-create
Default	s1u
Displayed(tab/group)	Type

(2 of 2)

85 — EPSPathDiscoveryProfile

Table 85-1 EPSPathDiscoveryProfile parameters

Parameters	
description id	type

Table 85-2 description

Name	Value
Type	string
Displayed(tab/group)	Description

Table 85-3 id

Name	Value
Type	Long integer
access	read-create
Default	0
minimum	1
maximum	1024

Table 85-4 type

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Select...
	  • not selectable
	• s1
	  • value: 1
	  • displayed: S1
	  • not selectable
	• s1u
	  • value: 2
	  • displayed: S1-u
	• s5
	  • value: 3
	  • displayed: S5
	• s8
	  • value: 4
	  • displayed: S8
	• s11
	  • value: 5
	  • displayed: S11
	• s12
	  • value: 6
	  • displayed: S12
	• s6a
	  • value: 8
	  • displayed: S6a
	  • not selectable
	• sv
	  • value: 9
	  • displayed: Sv
	  • not selectable
	• gn
	  • value: 10
	  • displayed: Gn
	  • not selectable
	• s1mme
	  • value: 11
	  • displayed: S1-mme
	  • not selectable
	• gx
	  • value: 12
	  • displayed: Gx
	• sg
	  • value: 13
	  • displayed: SG
	  • not selectable

	• s10
	  • value: 14
	  • displayed: S10
	  • not selectable

(1 of 2)

Name	Value

	• s3
	  • value: 15
	  • displayed: S3
	  • not selectable

	• s13
	  • value: 16
	  • displayed: S13
	  • not selectable

	• rf
	  • value: 17
	  • displayed: Rf
	  • not selectable

	• dsc
	  • value: 18
	  • displayed: Dsc
	  • not selectable

	• x2
	  • value: 19
	  • displayed: X2
	  • not selectable

	• ga
	  • value: 20
	  • displayed: Ga
	  • not selectable

access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Type

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86 — EPSPath

Table 86-1 EPSPath parameters

Parameters	
description	siteIdOnA
id	siteIdOnB
peerIpAddressOnA	symmetry
peerIpAddressOnB	type

Table 86-2 description

Name	Value
Type	string
Displayed(tab/group)	Description

Table 86-3 id

Name	Value
Type	Long integer
access	read-create
Default	0
minimum	1

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Name	Value
maximum	100000000
Displayed(tab/group)	EPS Path ID

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Table 86-4 peerIpAddressOnA

Name	Value
Type	string
access	read-create
Mandatory on create	Yes

Table 86-5 peerIpAddressOnB

Name	Value
Type	string
access	read-create
Mandatory on create	Yes

Table 86-6 siteIdOnA

Name	Value
Type	string
access	read-create
Mandatory on create	Yes

Table 86-7 siteIdOnB

Name	Value
Type	string
access	read-create
Mandatory on create	Yes

Table 86-8 symmetry

Name	Value

Type	• undefined
	  • value: 0
	  • displayed: Undefined
	• singleSided
	  • value: 1
	  • displayed: Single Sided
	• doubleSided
	  • value: 2
	  • displayed: Double Sided

Default	undefined
Displayed(tab/group)	Symmetry

Table 86-9 type

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Select...
	  • not selectable
	• s1
	  • value: 1
	  • displayed: S1
	  • not selectable
	• s1u
	  • value: 2
	  • displayed: S1-u
	• s5
	  • value: 3
	  • displayed: S5
	• s8
	  • value: 4
	  • displayed: S8
	• s11
	  • value: 5
	  • displayed: S11
	• s12
	  • value: 6
	  • displayed: S12
	• s6a
	  • value: 8
	  • displayed: S6a
	  • not selectable
	• sv
	  • value: 9
	  • displayed: Sv
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• gn
	  • value: 10
	  • displayed: Gn
	  • not selectable
	• s1mme
	  • value: 11
	  • displayed: S1-mme
	  • not selectable
	• gx
	  • value: 12
	  • displayed: Gx
	• sg
	  • value: 13
	  • displayed: SG
	  • not selectable
	• s10
	  • value: 14
	  • displayed: S10
	  • not selectable
	• s3
	  • value: 15
	  • displayed: S3
	  • not selectable
	• s13
	  • value: 16
	  • displayed: S13
	  • not selectable
	• rf
	  • value: 17
	  • displayed: Rf
	  • not selectable
	• dsc
	  • value: 18
	  • displayed: Dsc
	  • not selectable
	• x2
	  • value: 19
	  • displayed: X2
	  • not selectable
	• ga
	  • value: 20
	  • displayed: Ga
	  • not selectable

access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Type

(2 of 2)

87 — EPSPathSegment

Table 87-1 EPSPathSegment parameters

Parameters	
connectionType description encapType id innerEncapValue	order outerEncapValue segmentType type

Table 87-2 connectionType

Name	Value

Type	• physicalLink
	  • value: 1
	  • displayed: Physical Link
	• managedL2Transport
	  • value: 2
	  • displayed: Managed L2 Transport
	• managedSpokeConnector
	  • value: 3
	  • displayed: Managed Spoke Connector
	• unmanagedL2Transport
	  • value: 4
	  • displayed: Unmanaged L2 Transport

Displayed(tab/group)	Connection Type

Table 87-3 description

Name	Value
Type	string
minimum	0
maximum	30
Displayed(tab/group)	Description

Table 87-4 encapType

Name	Value
Description	Encapsulation type for the port binded to; null, qEncap, qinq.

Type	• unknown
	  • value: 0
	  • displayed: Any Type
	  • not selectable
	• null
	  • value: 1
	  • displayed: Null
	• dot1q
	  • value: 2
	  • displayed: Dot1 Q
	• bcpNull
	  • value: 4
	  • displayed: BCP Null
	  • not selectable
	• bcpDot1q
	  • value: 5
	  • displayed: BCP Dot1 Q
	  • not selectable
	• qinq
	  • value: 10
	  • displayed: Q in Q

Default	null
Displayed(tab/group)	Encapsulation Type (/Encapsulation Values)

Table 87-5 id

Name	Value
Type	Long integer
access	read-create
Default	0
minimum	1
maximum	100

Table 87-6 innerEncapValue

Name	Value
Type	Long integer
Default	0
minimum	0
maximum	4095
Displayed(tab/group)	Inner Encapsulation Value (/Encapsulation Values)

Table 87-7 order

Name	Value
Type	Integer
Default	0
minimum	1
maximum	30
Displayed(tab/group)	Order

Table 87-8 outerEncapValue

Name	Value
Type	Long integer
Default	0
minimum	0
maximum	4095
Displayed(tab/group)	Outer Encapsulation Value (/Encapsulation Values)

Table 87-9 segmentType

Name	Value

Type	• other
	  • value: 0
	  • displayed: Other
	  • not selectable
	• enodebToNe
	  • value: 1
	  • displayed: eNodeB - NE

(1 of 2)

Name	Value

Type (continued)	• neToNe
	  • value: 2
	  • displayed: NE - NE
	• neToSgw
	  • value: 3
	  • displayed: NE - SGW
	• sgwToPgw
	  • value: 4
	  • displayed: SGW - PGW
	• sgwToMme
	  • value: 5
	  • displayed: SGW - MME
	• pgwToPcrf
	  • value: 6
	  • displayed: PGW - PCRF

Displayed(tab/group)	Segment Type

(2 of 2)

Table 87-10 type

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Select...
	  • not selectable
	• s1
	  • value: 1
	  • displayed: S1
	  • not selectable
	• s1u
	  • value: 2
	  • displayed: S1-u
	• s5
	  • value: 3
	  • displayed: S5
	• s8
	  • value: 4
	  • displayed: S8
	• s11
	  • value: 5
	  • displayed: S11
	• s12
	  • value: 6
	  • displayed: S12
	• s6a
	  • value: 8
	  • displayed: S6a
	  • not selectable
	• sv
	  • value: 9
	  • displayed: Sv
	  • not selectable

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Name	Value

Type (continued)	• gn
	  • value: 10
	  • displayed: Gn
	  • not selectable
	• s1mme
	  • value: 11
	  • displayed: S1-mme
	  • not selectable
	• gx
	  • value: 12
	  • displayed: Gx
	• sg
	  • value: 13
	  • displayed: SG
	  • not selectable
	• s10
	  • value: 14
	  • displayed: S10
	  • not selectable
	• s3
	  • value: 15
	  • displayed: S3
	  • not selectable
	• s13
	  • value: 16
	  • displayed: S13
	  • not selectable
	• rf
	  • value: 17
	  • displayed: Rf
	  • not selectable
	• dsc
	  • value: 18
	  • displayed: Dsc
	  • not selectable
	• x2
	  • value: 19
	  • displayed: X2
	  • not selectable
	• ga
	  • value: 20
	  • displayed: Ga
	  • not selectable

access	read-create
Default	s1u

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88 — EPSPeer

Table 88-1 EPSPeer parameters

Parameters	
description	peerTcpPort
epcId	referencePointSiteIdAddressType
peerIpAddress	type
peerIpAddressType	virtualRouterId

Table 88-2 description

Name	Value
Type	string
Displayed(tab/group)	Description

Table 88-3 epcId

Name	Value
Type	Long integer
access	read-create
Mandatory on create	Yes

Table 88-4 peerIpAddress

Name	Value
Type	InetAddress
access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Peer IP Address

Table 88-5 peerIpAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

Table 88-6 peerTcpPort

Name	Value
Type	Integer
access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Peer TCP Port

Table 88-7 referencePointSiteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

Table 88-8 type

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Select...
	  • not selectable
	• s1
	  • value: 1
	  • displayed: S1
	  • not selectable
	• s1u
	  • value: 2
	  • displayed: S1-u
	• s5
	  • value: 3
	  • displayed: S5
	• s8
	  • value: 4
	  • displayed: S8
	• s11
	  • value: 5
	  • displayed: S11
	• s12
	  • value: 6
	  • displayed: S12
	• s6a
	  • value: 8
	  • displayed: S6a
	  • not selectable
	• sv
	  • value: 9
	  • displayed: Sv
	  • not selectable
	• gn
	  • value: 10
	  • displayed: Gn
	  • not selectable
	• s1mme
	  • value: 11
	  • displayed: S1-mme
	  • not selectable
	• gx
	  • value: 12
	  • displayed: Gx
	• sg
	  • value: 13
	  • displayed: SG
	  • not selectable

	• s10
	  • value: 14
	  • displayed: S10
	  • not selectable

(1 of 2)

Name	Value

	• s3
	  • value: 15
	  • displayed: S3
	  • not selectable

	• s13
	  • value: 16
	  • displayed: S13
	  • not selectable

	• rf
	  • value: 17
	  • displayed: Rf
	  • not selectable

	• dsc
	  • value: 18
	  • displayed: Dsc
	  • not selectable

	• x2
	  • value: 19
	  • displayed: X2
	  • not selectable

	• ga
	  • value: 20
	  • displayed: Ga
	  • not selectable

access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Type

(2 of 2)

Table 88-9 virtualRouterId

Name	Value
Type	Integer
access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Virtual Router ID

89 — EquipmentStatesSpecifics

Table 89-1 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'."

Type	• locked
	  • value: 0
	  • displayed: Locked
	• unlocked
	  • value: 1
	  • displayed: Unlocked
	• shuttingdown
	  • value: 2
	  • displayed: Shutting Down

Displayed(tab/group)	Administrative State (States)

90 — ExternalAlarmEntry

Table 90-1 ExternalAlarmEntry parameters

Parameters	
externalAlarmConnectorUsage externalAlarmLabel externalAlarmNumber	externalAlarmPolarityInversion id

Table 90-2 externalAlarmConnectorUsage

Name	Value
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.
Type	boolean
Default	false
Displayed(tab/group)	External Alarm Connector Usage

Table 90-3 externalAlarmLabel

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

(1 of 2)

Name	Value
Type	string
maximum	300

(2 of 2)

Table 90-4 externalAlarmNumber

Name	Value
Description	The number identifying the input relay.
Type	Integer
access	read-create
Mandatory on create	Yes
Displayed(tab/group)	External Alarm Number

Table 90-5 externalAlarmPolarityInversion

Name	Value
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'.
Type	boolean
Default	false
Displayed(tab/group)	External Alarm Polarity Inversion

Table 90-6 id

Name	Value
Type	Long integer
minimum	1

91 — FbFunction

Table 91-1 FbFunction parameters

Parameters	
id numberOfPoints	xtable ytable

Table 91-2 id

Name	Value
Description	FbFunction identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 91-3 numberOfPoints

Name	Value
Description	Number of (X,Y) points used for the definition of the Fb function
Type	Integer

(1 of 2)

Name	Value
Default	2
minimum	2
maximum	10
Impact	fullReset
Displayed(tab/group)	numberOfPoints

(2 of 2)

Table 91-4 xtable

Name	Value
Description	This parameter indicates the X point tables used to define the Fb function.
Type	Map (int to int)
Impact	fullReset

Table 91-5 ytable

Name	Value
Description	This parameter indicates the Y point tables used to define the Fb function.
Type	Map (int to int)
Impact	fullReset

92 — FmFunction

Table 92-1 FmFunction parameters

Parameters	
id numberOfPoints	xtable ytable

Table 92-2 id

Name	Value
Description	FmFunction identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 92-3 numberOfPoints

Name	Value
Description	Number of (X,Y) points used for the definition of the Fm function
Type	Integer

(1 of 2)

Name	Value
Default	4
minimum	2
maximum	10
Impact	fullReset
Displayed(tab/group)	numberOfPoints

(2 of 2)

Table 92-4 xtable

Name	Value
Description	This parameter indicates the number of X point tables used to define the Fm function.
Type	Map (int to int)
Impact	fullReset

Table 92-5 ytable

Name	Value
Description	This parameter indicates the number of Y point tables used to define the Fm function.
Type	Map (int to int)
Impact	fullReset

93 — FnFunction

Table 93-1 FnFunction parameters

Parameters	
id numberOfPoints	xtable ytable

Table 93-2 id

Name	Value
Description	FnFunction identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 93-3 numberOfPoints

Name	Value
Description	Number of (X,Y) points used for the definition of the Fn function
Type	Integer

(1 of 2)

Name	Value
Default	4
minimum	2
maximum	10
Impact	fullReset
Displayed(tab/group)	numberOfPoints

(2 of 2)

Table 93-4 xtable

Name	Value
Description	This parameter indicates the number of X point tables used to define the Fn function.
Type	Map (int to int)
Impact	fullReset

Table 93-5 ytable

Name	Value
Description	This parameter indicates the number of Y point tables used to define the Fn function.
Type	Map (int to int)
Impact	fullReset

94 — FrequencyAndBandwidthFDD

Table 94-1 FrequencyAndBandwidthFDD parameters

Parameters	
dlBandwidth	resourceBlockPersistentAreaEnd
dlEARFCN	resourceBlockPersistentAreaStart
id	ulBandwidth
priorityOfFreq	ulEARFCN

Table 94-2 dlBandwidth

Name	Value
Description	The transmission bandwidth configuration (NRB). n6 corresponds to 6 resource blocks, n15 to 15 resource blocks and so on

Type	• n15_3MHz
	  • value: 0
	  • displayed: 15 Blocks (3 MHz)
	• n25_5MHz
	  • value: 1
	  • displayed: 25 Blocks (5 MHz)
	• n100_20MHz
	  • value: 2
	  • displayed: 100 Blocks (20 MHz)
	• n50_10MHz
	  • value: 3
	  • displayed: 50 Blocks (10 MHz)
	• n6_1_4MHz
	  • value: 4
	  • displayed: 6 Blocks (1.4 MHz)

(1 of 2)

Name	Value

Type (continued)	• n75_15MHz
	  • value: 5
	  • displayed: 75 Blocks (15 MHz)

Default	n50_10MHz
Impact	partialReset
Displayed(tab/group)	dlBandwidth

(2 of 2)

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.
Type	Integer
minimum	0
maximum	39649
Impact	partialReset
Displayed(tab/group)	dlEARFCN

Table 94-4 id

Name	Value
Description	FrequencyAndBandwidthFDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 94-5 priorityOfFreq

Name	Value
Description	1. [36331]: this parameter contributes to the configuration of the IE IdleModeMobilityControlInfo: freqPriorityListEUTRA-FDD (Optional).
Type	Integer
minimum	0

(1 of 2)

Name	Value
maximum	7
Impact	noReset
Displayed(tab/group)	priorityOfFreq

(2 of 2)

Table 94-6 resourceBlockPersistentAreaEnd

Name	Value
Description	Last Resource Block of the area where the eNodeB should allocate semi-persistent and dynamic DTCH
Type	Integer
Default	1
minimum	1
maximum	99
Impact	partialReset
Displayed(tab/group)	resourceBlockPersistentAreaEnd

Table 94-7 resourceBlockPersistentAreaStart

Name	Value
Description	First Resource Block of area where the eNodeB should allocate semi-persistent and dynamic DTCH
Type	Integer
Default	2
minimum	0
maximum	98
Impact	partialReset
Displayed(tab/group)	resourceBlockPersistentAreaStart

Table 94-8 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.

Type	• n15_3MHz
	  • value: 0
	  • displayed: 15 Blocks (3 MHz)

(1 of 2)

Name	Value

Type (continued)	• n25_5MHz
	  • value: 1
	  • displayed: 25 Blocks (5 MHz)
	• n100_20MHz
	  • value: 2
	  • displayed: 100 Blocks (20 MHz)
	• n50_10MHz
	  • value: 3
	  • displayed: 50 Blocks (10 MHz)
	• n6_1_4MHz
	  • value: 4
	  • displayed: 6 Blocks (1.4 MHz)
	• n75_15MHz
	  • value: 5
	  • displayed: 75 Blocks (15 MHz)

Default	n50_10MHz
Impact	partialReset
Displayed(tab/group)	ulBandwidth

(2 of 2)

Table 94-9 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.
Type	Integer
minimum	18000
maximum	39649
Impact	partialReset
Displayed(tab/group)	ulEARFCN

95 — FrequencyAndBandwidthTDD

Table 95-1 FrequencyAndBandwidthTDD parameters

Parameters	
bandwidth dlEARFCN id	priorityOfFreq resourceBlockPersistentAreaEnd resourceBlockPersistentAreaStart

Table 95-2 bandwidth

Name	Value
Description	The transmission bandwidth configuration (NRB). n6 corresponds to 6 resource blocks, n15 to 15 resource blocks and so on

Type	• n15_3MHz
	  • value: 0
	  • displayed: 15 Blocks (3 MHz)
	• n25_5MHz
	  • value: 1
	  • displayed: 25 Blocks (5 MHz)
	• n100_20MHz
	  • value: 2
	  • displayed: 100 Blocks (20 MHz)
	• n50_10MHz
	  • value: 3
	  • displayed: 50 Blocks (10 MHz)

(1 of 2)

Name	Value

Type (continued)	• n6_1_4MHz
	  • value: 4
	  • displayed: 6 Blocks (1.4 MHz)
	• n75_15MHz
	  • value: 5
	  • displayed: 75 Blocks (15 MHz)

Default	n100_20MHz
Impact	partialReset
Displayed(tab/group)	bandwidth

(2 of 2)

Table 95-3 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.
Type	Integer
minimum	36000
maximum	39649
Impact	partialReset
Displayed(tab/group)	dlEARFCN

Table 95-4 id

Name	Value
Description	FrequencyAndBandwidthTDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 95-5 priorityOfFreq

Name	Value
Description	1. [36331]: this parameter contributes to the configuration of the IE IdleModeMobilityControlInfo: freqPriorityListEUTRA-TDD (Optional).
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	priorityOfFreq

Table 95-6 resourceBlockPersistentAreaEnd

Name	Value
Description	Last Resource Block of the area where the eNodeB should allocate semi-persistent and dynamic DTCH
Type	Integer
minimum	1
maximum	99
Impact	partialReset
Displayed(tab/group)	resourceBlockPersistentAreaEnd

Table 95-7 resourceBlockPersistentAreaStart

Name	Value
Description	First Resource Block of area where the eNodeB should allocate semi-persistent and dynamic DTCH
Type	Integer
minimum	0
maximum	98
Impact	partialReset
Displayed(tab/group)	resourceBlockPersistentAreaStart

96 — GeoLocPhaseSync

Table 96-1 id

Name	Value
Description	GeoLocPhaseSync identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

97 — GeranAccessGroup

Table 97-1 id

Name	Value
Description	GeranAccessGroup identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

98 — GeranNeighboringCellRelation

Table 98-1 GeranNeighboringCellRelation parameters

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

Table 98-2 arfcn

Name	Value
Description	This parameter defines the GERAN ARFCN of BCCH carrier refer to 36.331 GERAN-ARFCN-Value IE
Type	Integer
minimum	0
maximum	1023
Impact	noReset
Displayed(tab/group)	arfcn

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.

Type	• pcs1900
	  • value: 0
	  • displayed: PCS 1900
	• dcs1800
	  • value: 1
	  • displayed: DCS 1800

Impact	noReset
Displayed(tab/group)	bandIndicatorGERAN
Note: The value of this parameter can be unset.	

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
Type	string
minimum	3
maximum	3
Impact	noReset
Displayed(tab/group)	baseStationColorCode

Table 98-5 ci

Name	Value
Description	This parameter identifies the GERAN cell for which systemInformation shall be reported. refer to 36.413 RIM Routing Address IE
Type	string
minimum	2
maximum	4
Impact	noReset
Displayed(tab/group)	ci

Table 98-6 id

Name	Value
Description	User friendly name of the GERAN cell
Type	string
access	read-create
minimum	0
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	id

Table 98-7 lac

Name	Value
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)
Type	string
Default	00
minimum	2
maximum	4
Units	hex
Impact	noReset
Displayed(tab/group)	lac

Table 98-8 networkColorCode

Name	Value
Description	This parameter defines the Network Color Code as defined in TS 23.003 refer to 36.331 physCellIdGeran IE
Type	string
minimum	3
maximum	3
Impact	noReset
Displayed(tab/group)	networkColorCode

Table 98-9 networkColourCode

Name	Value
Description	This parameter defines the Network Colour Code as defined in TS 23.003 refer to 36.331 physCellIdGeran IE
Type	string
minimum	3
maximum	3
Impact	noReset
Displayed(tab/group)	networkColourCode

Table 98-10 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
Type	string
minimum	2
maximum	2
Impact	noReset
Displayed(tab/group)	networkControlOrder
Note: The value of this parameter can be unset.	

Table 98-11 rac

Name	Value
Description	This parameter is used to identify a Routing Area within a Location Area refer to 36.413 RAC IE
Type	string
Default	0
minimum	1
maximum	2
Units	hex
Impact	noReset
Displayed(tab/group)	rac

Table 98-12 rdnId

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	31
Mandatory on create	Yes
Displayed(tab/group)	rdnId

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.

Type	• gsm750
	  • value: 0
	  • displayed: GSM 750
	• gsm900E
	  • value: 1
	  • displayed: GSM 900 E
	• gsm450
	  • value: 2
	  • displayed: GSM 450
	• gsm710
	  • value: 3
	  • displayed: GSM 710
	• gsm1900
	  • value: 4
	  • displayed: GSM 1900

(1 of 2)

Name	Value

Type (continued)	• gsm900P
	  • value: 5
	  • displayed: GSM 900 P
	• gsm900R
	  • value: 6
	  • displayed: GSM 900 R
	• gsm1800
	  • value: 7
	  • displayed: GSM 1800
	• gsm810
	  • value: 8
	  • displayed: GSM 810
	• gsm850
	  • value: 9
	  • displayed: GSM 850
	• gsm480
	  • value: 10
	  • displayed: GSM 480

Impact	noReset
Displayed(tab/group)	bandGERAN

(2 of 2)

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.

Type	• pcs1900
	  • value: 0
	  • displayed: PCS 1900
	• dcs1800
	  • value: 1
	  • displayed: DCS 1800

Impact	noReset
Displayed(tab/group)	BandIndicatorGERAN

Table 99-4 geranARFCNList

Name	Value
Description	This attribute corresponds to a list of GERAN ARFCN
Type	List (int)
Impact	noReset

Table 99-5 id

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	15
Mandatory on create	Yes
Displayed(tab/group)	id

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)
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	priorityOfFreqs

100 —GeranNeighboring

Table 100-1 GeranNeighboring parameters

Parameters	
id	tReselectionGERAN

Table 100-2 id

Name	Value
Description	GeranNeighboring identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 100-3 tReselectionGERAN

Name	Value
Description	This parameter configures the t-ReselectionGERAN included in the IE SystemInformationBlockType7
Type	Integer

(1 of 2)

Name	Value
minimum	0
maximum	7
Units	s
Impact	noReset
Displayed(tab/group)	tReselectionGERAN

(2 of 2)

101 —GeranSpeedConf

Table 101-1 GeranSpeedConf parameters

Parameters	
id tReselectionGERANSfHigh	tReselectionGERANSfMedium

Table 101-2 id

Name	Value
Description	GeranSpeedConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

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

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionGERANSfHigh

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

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionGERANSfMedium

102 —GeranSpeedDependentConf

Table 102-1 GeranSpeedDependentConf parameters

Parameters	
id tReselectionGERANSfHigh	tReselectionGERANSfMedium

Table 102-2 id

Name	Value
Description	GeranSpeedDependentConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionGERANSfHigh

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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionGERANSfMedium

103 —GpsTime

Table 103-1 id

Name	Value
Description	GpsTime identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

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
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).
Type	Integer
Default	60
minimum	1
maximum	3600
Units	seconds
Displayed(tab/group)	Echo Interval

Table 104-3 gtpPrimaryServerAddr

Name	Value
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.
Type	InetAddress
access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Primary Server Address

Table 104-4 gtpPrimaryServerAddrType

Name	Value
Description	The value specifies the type of address represented by gtpPrimaryServerAddr.

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4

Table 104-5 gtpPrimaryServerAdminState

Name	Value
Description	The value specifies the desired administrative state of this GPRS Tunneling Protocol (GTP) primary server.

Type	• noop
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• portNoop
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• inService
	  • value: 2
	  • displayed: Up
	• portInService
	  • value: 2
	  • displayed: Up
	• outOfService
	  • value: 3
	  • displayed: Down
	• portOutOfService
	  • value: 3
	  • displayed: Down
	• diagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• portDiagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• operateSwitch
	  • value: 5
	  • displayed: Operate Switch
	  • not selectable
	• shuttingDown
	  • value: 6
	  • displayed: Shutting Down
	  • not selectable
	• notRelevant
	  • value: 7
	  • displayed: Not Relevant
	  • not selectable
	• unlocked
	  • value: 8
	  • displayed: Unlocked
	  • not selectable
	• locked
	  • value: 10
	  • displayed: Locked
	  • not selectable

Default	outOfService
Displayed(tab/group)	Administrative State

Table 104-6 maxRequests

Name	Value
Description	The value specifies the maximum number of unacknowledged GPRS Tunneling Protocol (GTP) PDUs before the system stops sending the Charging Data Records (CDR).
Type	Integer
Default	256
minimum	1
maximum	512
Displayed(tab/group)	Maximum Requests

Table 104-7 pathProtocol

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

Type	• udp
	  • value: 2
	  • displayed: UDP

Default	udp
Displayed(tab/group)	Path Protocol

Table 104-8 primeServerGroupName

Name	Value
Type	string
access	read-create
Default	default

Table 104-9 retries

Name	Value
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).
Type	Integer
Default	4
minimum	1

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Name	Value
maximum	8
Displayed(tab/group)	Retries

(2 of 2)

Table 104-10 serverPort

Name	Value
Description	The value specifies the destination TCP or UDP port number for GTP.
Type	Long integer
Default	3386
minimum	1
maximum	65535
Displayed(tab/group)	Server Port

Table 104-11 serverPriority

Name	Value
Description	The value of specifies the priority of the this GPRS Tunneling Protocol (GTP) primary server.
Type	Integer
minimum	0
maximum	100
Displayed(tab/group)	Server Priority

Table 104-12 timeout

Name	Value
Description	The value specifies the interval between GPRS Tunneling Protocol (GTP) PDU retries.
Type	Integer
Default	20
minimum	1
maximum	180
Units	seconds
Displayed(tab/group)	Time Out

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
Description	The value specifies the desired administrative state of this GPRS Tunneling Protocol (GTP) Prime Server.

Type	• noop
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• portNoop
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• inService
	  • value: 2
	  • displayed: Up

(1 of 2)

Name	Value

Type (continued)	• portInService
	  • value: 2
	  • displayed: Up
	• outOfService
	  • value: 3
	  • displayed: Down
	• portOutOfService
	  • value: 3
	  • displayed: Down
	• diagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• portDiagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• operateSwitch
	  • value: 5
	  • displayed: Operate Switch
	  • not selectable
	• shuttingDown
	  • value: 6
	  • displayed: Shutting Down
	  • not selectable
	• notRelevant
	  • value: 7
	  • displayed: Not Relevant
	  • not selectable
	• unlocked
	  • value: 8
	  • displayed: Unlocked
	  • not selectable
	• locked
	  • value: 10
	  • displayed: Locked
	  • not selectable

Default	outOfService
Displayed(tab/group)	Administrative State (/GTP Prime Server Configuration)

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Table 105-3 cf1Limit

Name	Value
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.
Type	Long integer
Default	0
minimum	0

(1 of 2)

Name	Value
maximum	4294967295
Units	Mbytes
Displayed(tab/group)	Configuration File Limit (/CDR Storage on cf1)

(2 of 2)

Table 105-4 cf2Limit

Name	Value
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.
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Units	Mbytes
Displayed(tab/group)	Configuration File Limit (/CDR Storage on cf2)

Table 105-5 deadTime

Name	Value
Description	The value specifies the time that a server should be considered dead before it may be used again.
Type	Integer
Default	0
minimum	0
maximum	3600
Units	seconds
Displayed(tab/group)	Dead Time (/GTP Prime Server Configuration)

Table 105-6 fileClosureLifeTime

Name	Value
Description	The value specifies an operator configurable file closure lifetime. The file is closed after the specified duration.
Type	Integer
Default	1

(1 of 2)

Name	Value
minimum	1
maximum	24
Units	hours
Displayed(tab/group)	File Closure Life Time (/File Parameters)

(2 of 2)

Table 105-7 fileClosureMaxRecords

Name	Value
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.
Type	Integer
Default	50000
minimum	100
maximum	75000
Displayed(tab/group)	File Closure Max Records (/File Parameters)

Table 105-8 fileClosureSize

Name	Value
Description	The value specifies an operator configurable file closure size limit.
Type	Integer
Default	50
minimum	1
maximum	100
Units	Mbytes
Displayed(tab/group)	File Closure Size (/File Parameters)

Table 105-9 fileExtension

Name	Value
Description	The value specifies an operator configurable file extension field that is used in the file name.
Type	string
minimum	0

(1 of 2)

Name	Value
maximum	8
Displayed(tab/group)	File Extension (/File Parameters)

(2 of 2)

Table 105-10 filePrivateInfo

Name	Value
Description	The value specifies an operator configurable file private information field that is used in the file name.
Type	string
minimum	0
maximum	32
Displayed(tab/group)	File Private Info (/File Parameters)

Table 105-11 inactiveTimer

Name	Value
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.
Type	Integer
Default	10
minimum	1
maximum	60
Units	minutes
Displayed(tab/group)	Inactive Time (/GTP Prime Server Configuration)

Table 105-12 maxCdrsPerPdu

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	100
Displayed(tab/group)	Maximum CDRs per PDU (/GTP Prime Server Configuration)

Table 105-13 obsoleteTime

Name	Value
Description	The value specifies an operator configurable file closure lifetime. The file is closed after the specified duration.
Type	Integer
Default	7
minimum	1
maximum	31
Units	days
Displayed(tab/group)	File Obsolete Time (/File Parameters)

Table 105-14 primaryCompactFlash

Name	Value
Description	The value specifies an operator configurable file closure lifetime. The file is closed after the specified duration.

Type	• cf1
	  • value: 1
	  • displayed: cf1
	• cf2
	  • value: 2
	  • displayed: cf2

Default	cf1
Displayed(tab/group)	Primary Compact Flash (/File Parameters)

Table 105-15 queueSize

Name	Value
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
Type	Integer
Default	100000
minimum	10000
maximum	500000
Displayed(tab/group)	Queue Size (/GTP Prime Server Configuration)

106 —GtpProfile

Table 106-1 GtpProfile parameters

Parameters	
ipDscp ipTtl keepAlvResp keepAlvRetryCnt	keepAlvTimeout msgReTxRetryCnt msgReTxTimeout

Table 106-2 ipDscp

Name	Value
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.
Type	Integer
Default	56
minimum	0
maximum	63
Displayed(tab/group)	IP DSCP (/GTP)

Table 106-3 ipTtl

Name	Value
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.
Type	Integer
Default	255
minimum	1
maximum	255
Displayed(tab/group)	IP TTL (/GTP)

Table 106-4 keepAlvResp

Name	Value
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.
Type	Integer
Default	3
minimum	1
maximum	8
Units	s
Displayed(tab/group)	Keep-Alive T3 Response Time (/GTP)

Table 106-5 keepAlvRetryCnt

Name	Value
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.
Type	Integer
Default	3
minimum	1
maximum	8
Displayed(tab/group)	Keep-Alive Retry Count (/GTP)

Table 106-6 keepAlvTimeout

Name	Value
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)
Type	Integer
Default	60
minimum	0
maximum	180
Units	s
Displayed(tab/group)	Keep-Alive Timeout (/GTP)

Table 106-7 msgReTxRetryCnt

Name	Value
Description	The value of tmnxMobProfGtpMsgReTxRetryCnt specifies the number of times the same message is retried before declaring a failed attempt.
Type	Integer
Default	3
minimum	1
maximum	8
Displayed(tab/group)	Message Retransmit Retry Count (/GTP)

Table 106-8 msgReTxTimeout

Name	Value
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.
Type	Integer
Default	5
minimum	1
maximum	30
Units	s
Displayed(tab/group)	Message Retransmit Timeout (/GTP)

107 —HrpdBandClassConf

Table 107-1 HrpdBandClassConf parameters

Parameters	
bandClass	id

Table 107-2 bandClass

Name	Value
Description	This parameter is the band class of the underlying CDMA2000 cell. See 3GPP 36.331.

Type	• 1_8_to_2_0_GHz_PCS
	  • value: 0
	  • displayed: 1.8 to 2.0 GHz PCS
	• 800MHz_cellular
	  • value: 1
	  • displayed: 800 MHz Cellular

Default	800MHz_cellular
Impact	noReset
Displayed(tab/group)	bandClass

Table 107-3 id

Name	Value
Description	HrpdBandClassConf identifier
Type	Integer
access	read-create
minimum	0
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

108 —HrpdBandClassInfo

Table 108-1 HrpdBandClassInfo parameters

Parameters	
bandClass cellReselectionPriority id	threshXHigh threshXLow

Table 108-2 bandClass

Name	Value
Description	3GPP 36.331. This parameter is the band class of the underlay CDMA2000 cell

Type	• 1_8_to_2_0_GHz_PCS
	  • value: 0
	  • displayed: 1.8 to 2.0 GHz PCS
	• 800MHz_cellular
	  • value: 1
	  • displayed: 800 MHz Cellular

Default	800MHz_cellular
Impact	fullReset
Displayed(tab/group)	bandClass

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).
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	cellReselectionPriority

Table 108-4 id

Name	Value
Description	HrpdBandClassInfo identifier
Type	Integer
access	read-create
minimum	0
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

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).

Type	• 11_5dB
	  • value: 0
	  • displayed: 11.5 db
	• 31dB
	  • value: 1
	  • displayed: 31 db
	• 8_5dB
	  • value: 2
	  • displayed: 8.5 db
	• 12_5dB
	  • value: 3
	  • displayed: 12.5 db

(1 of 5)

Name	Value

Type (continued)	• 26_5dB
	  • value: 4
	  • displayed: 26.5 db
	• 0dB
	  • value: 5
	  • displayed: 0 db
	• 2dB
	  • value: 6
	  • displayed: 2 db
	• 9_5dB
	  • value: 7
	  • displayed: 9.5 db
	• 1dB
	  • value: 8
	  • displayed: 1 db
	• 1_5dB
	  • value: 9
	  • displayed: 1.5 db
	• 4_5dB
	  • value: 10
	  • displayed: 4.5 db
	• 7_5dB
	  • value: 11
	  • displayed: 7.5 db
	• 12dB
	  • value: 12
	  • displayed: 12 db
	• 29_5dB
	  • value: 13
	  • displayed: 29.5 db
	• 18dB
	  • value: 14
	  • displayed: 18 db
	• 13_5dB
	  • value: 15
	  • displayed: 13.5 db
	• 11dB
	  • value: 16
	  • displayed: 11 db
	• 3_5dB
	  • value: 17
	  • displayed: 3.5 db
	• 21dB
	  • value: 18
	  • displayed: 21 db
	• 17dB
	  • value: 19
	  • displayed: 17 db
	• 30dB
	  • value: 20
	  • displayed: 30 db
	• 9dB
	  • value: 21
	  • displayed: 9 db

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Name	Value

Type (continued)	• 20dB
	  • value: 22
	  • displayed: 20 db
	• 15_5dB
	  • value: 23
	  • displayed: 15.5 db
	• 19dB
	  • value: 24
	  • displayed: 19 db
	• 22_5dB
	  • value: 25
	  • displayed: 22.5 db
	• 30_5dB
	  • value: 26
	  • displayed: 30.5 db
	• 10dB
	  • value: 27
	  • displayed: 10 db
	• 7dB
	  • value: 28
	  • displayed: 7 db
	• 6dB
	  • value: 29
	  • displayed: 6 db
	• 25_5dB
	  • value: 30
	  • displayed: 25.5 db
	• 25dB
	  • value: 31
	  • displayed: 25 db
	• 24_5dB
	  • value: 32
	  • displayed: 24.5 db
	• 16dB
	  • value: 33
	  • displayed: 16 db
	• 15dB
	  • value: 34
	  • displayed: 15 db
	• 5dB
	  • value: 35
	  • displayed: 5 db
	• 8dB
	  • value: 36
	  • displayed: 8 db
	• 2_5dB
	  • value: 37
	  • displayed: 2.5 db
	• 14dB
	  • value: 38
	  • displayed: 14 db
	• 5_5dB
	  • value: 39
	  • displayed: 5.5 db

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Name	Value

Type (continued)	• 6_5dB
	  • value: 40
	  • displayed: 6.5 db
	• 16_5dB
	  • value: 41
	  • displayed: 16.5 db
	• 23dB
	  • value: 42
	  • displayed: 23 db
	• 27_5dB
	  • value: 43
	  • displayed: 27.5 db
	• 22dB
	  • value: 44
	  • displayed: 22 db
	• 10_5dB
	  • value: 45
	  • displayed: 10.5 db
	• 13dB
	  • value: 46
	  • displayed: 13 db
	• 19_5dB
	  • value: 47
	  • displayed: 19.5 db
	• 21_5dB
	  • value: 48
	  • displayed: 21.5 db
	• 20_5dB
	  • value: 49
	  • displayed: 20.5 db
	• 28dB
	  • value: 50
	  • displayed: 28 db
	• 27dB
	  • value: 51
	  • displayed: 27 db
	• 0_5dB
	  • value: 52
	  • displayed: 0.5 db
	• 17_5dB
	  • value: 53
	  • displayed: 17.5 db
	• 31_5dB
	  • value: 54
	  • displayed: 31.5 db
	• 26dB
	  • value: 55
	  • displayed: 26 db
	• 18_5dB
	  • value: 56
	  • displayed: 18.5 db
	• 3dB
	  • value: 57
	  • displayed: 3 db

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Name	Value

Type (continued)	• 4dB
	  • value: 58
	  • displayed: 4 db
	• 28_5dB
	  • value: 59
	  • displayed: 28.5 db
	• 24dB
	  • value: 60
	  • displayed: 24 db
	• 23_5dB
	  • value: 61
	  • displayed: 23.5 db
	• 29dB
	  • value: 62
	  • displayed: 29 db
	• 14_5dB
	  • value: 63
	  • displayed: 14.5 db

Impact	noReset
Displayed(tab/group)	threshXHigh

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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).

Type	• 11_5dB
	  • value: 0
	  • displayed: 11.5 db
	• 31dB
	  • value: 1
	  • displayed: 31 db
	• 8_5dB
	  • value: 2
	  • displayed: 8.5 db
	• 12_5dB
	  • value: 3
	  • displayed: 12.5 db
	• 26_5dB
	  • value: 4
	  • displayed: 26.5 db
	• 0dB
	  • value: 5
	  • displayed: 0 db
	• 2dB
	  • value: 6
	  • displayed: 2 db

(1 of 5)

Name	Value

Type (continued)	• 9_5dB
	  • value: 7
	  • displayed: 9.5 db
	• 1dB
	  • value: 8
	  • displayed: 1 db
	• 1_5dB
	  • value: 9
	  • displayed: 1.5 db
	• 4_5dB
	  • value: 10
	  • displayed: 4.5 db
	• 7_5dB
	  • value: 11
	  • displayed: 7.5 db
	• 12dB
	  • value: 12
	  • displayed: 12 db
	• 29_5dB
	  • value: 13
	  • displayed: 29.5 db
	• 18dB
	  • value: 14
	  • displayed: 18 db
	• 13_5dB
	  • value: 15
	  • displayed: 13.5 db
	• 11dB
	  • value: 16
	  • displayed: 11 db
	• 3_5dB
	  • value: 17
	  • displayed: 3.5 db
	• 21dB
	  • value: 18
	  • displayed: 21 db
	• 17dB
	  • value: 19
	  • displayed: 17 db
	• 30dB
	  • value: 20
	  • displayed: 30 db
	• 9dB
	  • value: 21
	  • displayed: 9 db
	• 20dB
	  • value: 22
	  • displayed: 20 db
	• 15_5dB
	  • value: 23
	  • displayed: 15.5 db
	• 19dB
	  • value: 24
	  • displayed: 19 db

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Name	Value

Type (continued)	• 22_5dB
	  • value: 25
	  • displayed: 22.5 db
	• 30_5dB
	  • value: 26
	  • displayed: 30.5 db
	• 10dB
	  • value: 27
	  • displayed: 10 db
	• 7dB
	  • value: 28
	  • displayed: 7 db
	• 6dB
	  • value: 29
	  • displayed: 6 db
	• 25_5dB
	  • value: 30
	  • displayed: 25.5 db
	• 25dB
	  • value: 31
	  • displayed: 25 db
	• 24_5dB
	  • value: 32
	  • displayed: 24.5 db
	• 16dB
	  • value: 33
	  • displayed: 16 db
	• 15dB
	  • value: 34
	  • displayed: 15 db
	• 5dB
	  • value: 35
	  • displayed: 5 db
	• 8dB
	  • value: 36
	  • displayed: 8 db
	• 2_5dB
	  • value: 37
	  • displayed: 2.5 db
	• 14dB
	  • value: 38
	  • displayed: 14 db
	• 5_5dB
	  • value: 39
	  • displayed: 5.5 db
	• 6_5dB
	  • value: 40
	  • displayed: 6.5 db
	• 16_5dB
	  • value: 41
	  • displayed: 16.5 db
	• 23dB
	  • value: 42
	  • displayed: 23 db

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Name	Value

Type (continued)	• 27_5dB
	  • value: 43
	  • displayed: 27.5 db
	• 22dB
	  • value: 44
	  • displayed: 22 db
	• 10_5dB
	  • value: 45
	  • displayed: 10.5 db
	• 13dB
	  • value: 46
	  • displayed: 13 db
	• 19_5dB
	  • value: 47
	  • displayed: 19.5 db
	• 21_5dB
	  • value: 48
	  • displayed: 21.5 db
	• 20_5dB
	  • value: 49
	  • displayed: 20.5 db
	• 28dB
	  • value: 50
	  • displayed: 28 db
	• 27dB
	  • value: 51
	  • displayed: 27 db
	• 0_5dB
	  • value: 52
	  • displayed: 0.5 db
	• 17_5dB
	  • value: 53
	  • displayed: 17.5 db
	• 31_5dB
	  • value: 54
	  • displayed: 31.5 db
	• 26dB
	  • value: 55
	  • displayed: 26 db
	• 18_5dB
	  • value: 56
	  • displayed: 18.5 db
	• 3dB
	  • value: 57
	  • displayed: 3 db
	• 4dB
	  • value: 58
	  • displayed: 4 db
	• 28_5dB
	  • value: 59
	  • displayed: 28.5 db
	• 24dB
	  • value: 60
	  • displayed: 24 db

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Name	Value

Type (continued)	• 23_5dB
	  • value: 61
	  • displayed: 23.5 db
	• 29dB
	  • value: 62
	  • displayed: 29 db
	• 14_5dB
	  • value: 63
	  • displayed: 14.5 db

Impact	noReset
Displayed(tab/group)	threshXLow

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109 —HrpdNeighboring

Table 109-1 HrpdNeighboring parameters

Parameters	
hrpdInfoConfigured hrpdPreRegAllowed	id tReselectionCdmaHrpd

Table 109-2 hrpdInfoConfigured

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	hrpdInfoConfigured

Table 109-3 hrpdPreRegAllowed

Name	Value
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.
Type	boolean
access	read-create
Default	false
Displayed(tab/group)	hrpdPreRegAllowed

Table 109-4 id

Name	Value
Description	HrpdNeighboring identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

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.
Type	Integer
minimum	0
maximum	7
Units	s
Impact	noReset
Displayed(tab/group)	tReselectionCdmaHrpd

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.
Type	Integer
minimum	0
maximum	2047
Impact	noReset
Displayed(tab/group)	frequency

Table 110-3 id

Name	Value
Description	HrpdNeighboringPerCarrier identifier
Type	Integer

(1 of 2)

Name	Value
access	read-create
minimum	0
maximum	2
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

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.
Type	List (int)
Units	PN offset
Impact	noReset

111 —HrpdPreRegInfo

Table 111-1 HrpdPreRegInfo parameters

Parameters	
hrpdPreRegAllowed	id

Table 111-2 hrpdPreRegAllowed

Name	Value
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.
Type	boolean
access	read-create
Default	false
Displayed(tab/group)	hrpdPreRegAllowed

Table 111-3 id

Name	Value
Description	HrpdPreRegInfo identifier
Type	Integer
access	read-create

(1 of 2)

Name	Value
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

112 —HrpdSpeedDependentConf

Table 112-1 HrpdSpeedDependentConf parameters

Parameters	
id tReselectionHrpdSfHigh	tReselectionHrpdSfMedium

Table 112-2 id

Name	Value
Description	HrpdSpeedDependentConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionHrpdSfHigh

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

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionHrpdSfMedium

113 —IpAddress

Table 113-1 IpAddress parameters

Parameters	
ipAddress	ipAddressType

Table 113-2 ipAddress

Name	Value
Description	"The IP address"
Type	InetAddress
access	read-create
Default	0.0.0.0
Displayed(tab/group)	IP Address

Table 113-3 ipAddressType

Name	Value
Description	"The type of the IP address (v6/v4)."

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv4

(2 of 2)

114 —IpPoolBase

Table 114-1 IpPoolBase parameters

Parameters	
routerId	siteIdAddressType

Table 114-2 routerId

Name	Value
Type	Integer
access	read-create
Default	1
minimum	1
maximum	10240

Table 114-3 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4

115 —IpPoolEntry

Table 115-1 IpPoolEntry parameters

Parameters	
ipv6AssignedLen isPoolAddrBlock poolAddressType	poolIpAddress poolName prefixLength

Table 115-2 ipv6AssignedLen

Name	Value
Description	The value of the object vRtrIpPoolAddrIpv6AssignedLen specifies the the prefix length which is used for assigning IP address to User Equipment (UE)
Type	Integer
Default	64
minimum	48
maximum	64
Displayed(tab/group)	Ipv6 Assigned Length (/IPv6 Information)

Table 115-3 isPoolAddrBlock

Name	Value
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.
Type	boolean
Default	false
Displayed(tab/group)	Pool Address Block

Table 115-4 poolAddressType

Name	Value
Description	The value specifies the type of the address represented by vRtrIpPoolAddr

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4
Displayed(tab/group)	Pool Address Type

Table 115-5 poolIpAddress

Name	Value
Description	The value specifies the prefix of the IP address being added to the IP pool
Type	InetAddress
access	read-create
Default	0.0.0.0
Displayed(tab/group)	Pool Ip Address

Table 115-6 poolName

Name	Value
Description	specifies the name of this IP address pool
Type	string
access	read-create
Mandatory on create	Yes

Table 115-7 prefixLength

Name	Value
Description	The value of specifies the length of the IP netmask for this IP address
Type	Integer
access	read-create
minimum	0
maximum	128
Mandatory on create	Yes
Displayed(tab/group)	Prefix Length

116 —IpPool

Table 116-1 IpPool parameters

Parameters	
addressHoldTimer isExclusive	poolId poolName

Table 116-2 addressHoldTimer

Name	Value
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.
Type	Integer
Default	3
minimum	0
maximum	10
Units	minutes
Displayed(tab/group)	IP Pool Address Hold Timer

Table 116-3 isExclusive

Name	Value
Description	The value of the object specifies if this IP address pool will be used exclusively by an Access Point Name (APN) or not
Type	boolean
Default	false
Displayed(tab/group)	Is Exclusive

Table 116-4 poolId

Name	Value
Type	Long integer
access	read-create
Default	0
minimum	1
Displayed(tab/group)	IP Pool ID

Table 116-5 poolName

Name	Value
Description	specifies the name of this IP address pool
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Displayed(tab/group)	IP Pool Name

117 —IPsecEnbConf

Table 117-1 IPsecEnbConf parameters

Parameters	
id	ipsecKeepalivePeriod
ikeAuthMethod	ipsecPerfectForwardSecrecyOn
ikeSALifeDurationSec	ipsecSALifeDurationbytes
ipsecAntiReplayWindowSize	ipsecSALifeDurationSec

Table 117-2 id

Name	Value
Description	IPsecEnbConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 117-3 ikeAuthMethod

Name	Value
Description	This parameter selects the IKE v2 Authentication method that is to be used: either preshared keys, or certificates.

Type	• preSharedKeys
	  • value: 0
	  • displayed: Pre Shared Keys
	• certificates
	  • value: 1
	  • displayed: Certificates

Default	preSharedKeys
Impact	fullReset
Displayed(tab/group)	ikeAuthMethod

Table 117-4 ikeSALifeDurationSec

Name	Value
Description	This parameter specifies the life duration of the IKE Security Association, in seconds.
Type	Long integer
Default	28800
minimum	0
maximum	4294967295
Units	s
Impact	fullReset
Displayed(tab/group)	ikeSALifeDurationSec

Table 117-5 ipsecAntiReplayWindowSize

Name	Value
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.
Type	Integer
Default	32
minimum	0
maximum	64
Impact	fullReset
Displayed(tab/group)	ipsecAntiReplayWindowSize

Table 117-6 ipsecKeepalivePeriod

Name	Value
Description	This parameter specifies the period at which the IKE keepalives are sent.
Type	Integer
Default	10
minimum	0
maximum	120
Units	s
Impact	fullReset
Displayed(tab/group)	ipsecKeepalivePeriod

Table 117-7 ipsecPerfectForwardSecrecyOn

Name	Value
Description	This parameter enables or disables Perfect Forward Secrecy.
Type	boolean
Default	true
Impact	fullReset
Displayed(tab/group)	ipsecPerfectForwardSecrecyOn

Table 117-8 ipsecSALifeDurationSec

Name	Value
Description	This parameter specifies the life duration IPsec Security Association, in seconds.
Type	Long integer
Default	28800
minimum	0
maximum	4294967295
Units	s
Impact	fullReset
Displayed(tab/group)	ipsecSALifeDurationSec

Table 117-9 ipsecSALifeDurationbytes

Name	Value
Description	This parameter specifies the life duration of the IPsec Security Association, in kbytes.
Type	Long integer
Default	1620000
minimum	0
maximum	4294967295
Units	Kbytes/s
Impact	fullReset
Displayed(tab/group)	ipsecSALifeDurationbytes

118 —IPsec

Table 118-1 IPsec parameters

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

Table 118-2 eNBIPsecpolicy

Name	Value
Description	IPsec policy at eNB end

Type	• S1_C_and_X2_C_protected
	  • value: 0
	  • displayed: S1 C and X2 C Protected
	• no_IPsec
	  • value: 1
	  • displayed: No IPsec
	• S1_C_and_UP_and_X2_C_and_UP_protected
	  • value: 2
	  • displayed: S1 C And UP And X2 C And UP Protected

Default	no_IPsec
Impact	fullReset
Displayed(tab/group)	eNBIPsecpolicy

Table 118-3 eNBouterIPadress

Name	Value
Description	Outer IP address IPSec tunnel at eNB
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	eNBouterIPadress

Table 118-4 eNBoutersubnetmask

Name	Value
Description	Subnet mask of outer IP address of IPsec tunnel in eNB
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	eNBoutersubnetmask

Table 118-5 eNBpresharedsecret

Name	Value
Description	Pre-shared secret key
Type	string
minimum	0
maximum	20
Impact	fullReset
Displayed(tab/group)	eNBpresharedsecret

Table 118-6 id

Name	Value
Description	IPsec identifier
Type	Integer
access	read-create
minimum	0
maximum	0

(1 of 2)

Name	Value
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

Table 118-7 ikeSALifeDurationsec

Name	Value
Description	Life duration IKE SA in seconds
Type	Long integer
Default	28800
minimum	0
maximum	4294967295
Units	s
Impact	fullReset
Displayed(tab/group)	ikeSALifeDurationsec

Table 118-8 ipsecAntiReplayWindowSize

Name	Value
Description	IPsec Anti Replay Window Size (number of packets). A value of zero means the IPsec anti replay mechanim is disabled.
Type	Integer
Default	32
minimum	0
maximum	64
Impact	fullReset
Displayed(tab/group)	ipsecAntiReplayWindowSize

Table 118-9 ipsecKeepalivePeriod

Name	Value
Description	Period IKE keepalives are sent
Type	Integer
Default	10
minimum	1
maximum	120

(1 of 2)

Name	Value
Units	s
Impact	fullReset
Displayed(tab/group)	ipsecKeepalivePeriod

(2 of 2)

Table 118-10 ipsecSALifeDurationbytes

Name	Value
Description	Life duration IPsec SA in kbytes
Type	Long integer
Default	1620000
minimum	0
maximum	4294967295
Units	KB/s
Impact	fullReset
Displayed(tab/group)	ipsecSALifeDurationbytes

Table 118-11 ipsecSALifeDurationsec

Name	Value
Description	Life duration IPsec SA in secs
Type	Long integer
Default	28800
minimum	0
maximum	4294967295
Units	s
Impact	fullReset
Displayed(tab/group)	ipsecSALifeDurationsec

Table 118-12 segouterIPaddress

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

(1 of 2)

Name	Value
Impact	fullReset
Displayed(tab/group)	segouterIPaddress

(2 of 2)

119 —IPsecTunnelConf

Table 119-1 IPsecTunnelConf parameters

Parameters	
eNBpreSharedSecret	ipv4SubNetMaskEnbIPsecTunnel
id	ipv6AddressEnbIPsecTunnel
ipsecTunnelName	ipv6AddressFirstHopRouter
ipv4AddressEnbIPsecTunnel	ipv6AddressSegIPsecTunnel
ipv4AddressFirstHopRouter	ipv6RoutingPrefixLengthEnbIPsecTunnel
ipv4AddressSegIPsecTunnel	

Table 119-2 eNBpreSharedSecret

Name	Value
Description	This parameter configures the Pre-shared secret key.
Type	string
minimum	0
maximum	40
Impact	fullReset
Displayed(tab/group)	eNBpreSharedSecret

Table 119-3 id

Name	Value
Description	IPsecTunnelConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 119-4 ipsecTunnelName

Name	Value
Description	This parameter specifies the name of the IPsec tunnel.
Type	string
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	ipsecTunnelName

Table 119-5 ipv4AddressEnbIPsecTunnel

Name	Value
Description	This parameter specifies the outer IP address for the IPSec tunnel at the eNodeB.
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	ipv4AddressEnbIPsecTunnel (/IPv4 Parameters)
Note: The value of this parameter can be unset.	

Table 119-6 ipv4AddressFirstHopRouter

Name	Value
Description	This parameter specifies the IPv4 address of the default gateway for the IPsecTunnelConf instance.
Type	InetAddress

(1 of 2)

Name	Value
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	ipv4AddressFirstHopRouter (/IPv4 Parameters)
Note: The value of this parameter can be unset.	

(2 of 2)

Table 119-7 ipv4AddressSegIPsecTunnel

Name	Value
Description	This parameter specifies the outer IP address for the IPSec tunnel at the Security Gateway.
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	ipv4AddressSegIPsecTunnel (/IPv4 Parameters)
Note: The value of this parameter can be unset.	

Table 119-8 ipv4SubNetMaskEnbIPsecTunnel

Name	Value
Description	This parameter specifies the subnet mask for the outer IP address of the IPsec tunnel at the eNodeB.
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	ipv4SubNetMaskEnbIPsecTunnel (/IPv4 Parameters)
Note: The value of this parameter can be unset.	

Table 119-9 ipv6AddressEnbIPsecTunnel

Name	Value
Description	This parameter specifies the outer IPv6 address for the IPSec tunnel at the eNodeB.
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Impact	fullReset
Displayed(tab/group)	ipv6AddressEnbIPsecTunnel (/IPv6 Parameters)
Note: The value of this parameter can be unset.	

Table 119-10 ipv6AddressFirstHopRouter

Name	Value
Description	This parameter specifies the IPv6 address of the default gateway for the IPsecTunnelConf instance.
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Impact	fullReset
Displayed(tab/group)	ipv6AddressFirstHopRouter (/IPv6 Parameters)
Note: The value of this parameter can be unset.	

Table 119-11 ipv6AddressSegIPsecTunnel

Name	Value
Description	This parameter specifies the outer IPv6 address for the IPSec tunnel at the Security Gateway.
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Impact	fullReset
Displayed(tab/group)	ipv6AddressSegIPsecTunnel (/IPv6 Parameters)
Note: The value of this parameter can be unset.	

Table 119-12 ipv6RoutingPrefixLengthEnbIPsecTunnel

Name	Value
Description	This parameter specifies the IPv6 Routing Prefix Length for the outer IP address of the IPsec tunnel at the eNodeB.
Type	Integer
minimum	0
maximum	128
Impact	fullReset
Displayed(tab/group)	ipv6RoutingPrefixLengthEnbIPsecTunnel (/IPv6 Parameters)
Note: The value of this parameter can be unset.	

120 —Ipv6Address

Table 120-1 Ipv6Address parameters

Parameters	
eNBFirstHopRouterTelecomAddrIPv6 eNBtelecomIpAddressIpv6	id ipRoutingPrefixLengthTelecom

Table 120-2 eNBFirstHopRouterTelecomAddrIPv6

Name	Value
Description	This parameter is used to specify IPv6 address format for eNodeB first hop router telecom.
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Impact	fullReset
Displayed(tab/group)	eNBFirstHopRouterTelecomAddrIPv6

Table 120-3 eNBtelecomIpAddressIpv6

Name	Value
Description	This parameter is used to specify IPv6 address format for eNodeB Telecom
Type	InetAddress
Default	0:0:0:0:0:0:0:0

(1 of 2)

Name	Value
Impact	fullReset
Displayed(tab/group)	eNBtelecomIpAddressIpv6

(2 of 2)

Table 120-4 id

Name	Value
Description	Ipv6Address identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 120-5 ipRoutingPrefixLengthTelecom

Name	Value
Description	This parameter is used to specify IP Routing Prefix Length for eNodeB Telecom.
Type	Integer
Default	64
minimum	0
maximum	128
Impact	fullReset
Displayed(tab/group)	IpRoutingPrefixLengthTelecom

121 —L1MeasurementConf

Table 121-1 L1MeasurementConf parameters

Parameters	
id l1NoiseAveragingCoefficient	l1SpeedCFOandSignalPowerAveragingCoefficient l1TimingAdvanceAveragingCoefficient

Table 121-2 id

Name	Value
Description	L1MeasurementConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 121-3 l1NoiseAveragingCoefficient

Name	Value
Description	Coefficient for averaging of the signal and noise powers in L1.
Type	Integer

(1 of 2)

Name	Value
Default	16240
minimum	0
maximum	16384
Impact	fullReset
Displayed(tab/group)	l1NoiseAveragingCoefficient

(2 of 2)

Table 121-4 l1SpeedCFOandSignalPowerAveragingCoefficient

Name	Value
Description	Coeffficient for averaging the speed, CFO (frequency offset correction) and signal power in L1.
Type	Integer
Default	16240
minimum	0
maximum	16384
Impact	fullReset
Displayed(tab/group)	l1SpeedCFOandSignalPowerAveragingCoefficient

Table 121-5 l1TimingAdvanceAveragingCoefficient

Name	Value
Description	Coeffficient for averaging the timing advance in L1.
Type	Integer
Default	16240
minimum	0
maximum	16384
Impact	fullReset
Displayed(tab/group)	l1TimingAdvanceAveragingCoefficient

122 —L1MeasurementConfTDD

Table 122-1 L1MeasurementConfTDD parameters

Parameters	
id prohibitTATimer	tAChangeThreshold

Table 122-2 id

Name	Value
Description	L1MeasurementConfTDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 122-3 prohibitTATimer

Name	Value
Description	The minimum interval between two consecutive TA command transmission.
Type	Integer

(1 of 2)

Name	Value
Default	500
minimum	10
maximum	2000
Units	ms
Impact	partialReset
Displayed(tab/group)	prohibitTATimer

(2 of 2)

Table 122-4 tAChangeThreshold

Name	Value
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.
Type	Integer
Default	15
minimum	0
maximum	54
Impact	partialReset
Displayed(tab/group)	tAChangeThreshold

123 —L2MeasurementConf

Table 123-1 id

Name	Value
Description	L2MeasurementConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

124 —LicenseCheck

Table 124-1 LicenseCheck parameters

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

Table 124-2 id

Name	Value
Description	Capacity MO identifier for licensing feature.
Type	Integer
access	read-create
minimum	1
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

Table 124-3 isDlBandwidth10MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	false
Displayed(tab/group)	isDlBandwidth10MhzAllowed

Table 124-4 isDlBandwidth15MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	false
Displayed(tab/group)	isDlBandwidth15MhzAllowed

Table 124-5 isDlBandwidth1MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	false
Displayed(tab/group)	isDlBandwidth1MhzAllowed

Table 124-6 isDlBandwidth20MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	false
Displayed(tab/group)	isDlBandwidth20MhzAllowed

Table 124-7 isDlBandwidth3MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	false
Displayed(tab/group)	isDlBandwidth3MhzAllowed

Table 124-8 isDlBandwidth5MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for downlink.
Type	boolean
Default	false
Displayed(tab/group)	isDlBandwidth5MhzAllowed

Table 124-9 isUlBandwidth10MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	false
Displayed(tab/group)	isUlBandwidth10MhzAllowed

Table 124-10 isUlBandwidth15MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	false
Displayed(tab/group)	isUlBandwidth15MhzAllowed

Table 124-11 isUlBandwidth1MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	false
Displayed(tab/group)	isUlBandwidth1MhzAllowed

Table 124-12 isUlBandwidth20MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	false
Displayed(tab/group)	isUlBandwidth20MhzAllowed

Table 124-13 isUlBandwidth3MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	false
Displayed(tab/group)	isUlBandwidth3MhzAllowed

Table 124-14 isUlBandwidth5MhzAllowed

Name	Value
Description	This feature token is to identify frequency bandwidth allowed for uplink.
Type	boolean
Default	false
Displayed(tab/group)	isUlBandwidth5MhzAllowed

Table 124-15 maxNbOfCallCapacityLicensing

Name	Value
Description	This capacity token is to identify the maximum numbers of calls allowed.
Type	string
Default	infinite
Displayed(tab/group)	maxNbOfCallCapacityLicensing

Table 124-16 transmissionPowerCapacityLicensing

Name	Value
Description	This capacity token is to identify the transmission power capacity that is allowed.
Type	string
Default	infinite
Displayed(tab/group)	transmissionPowerCapacityLicensing

125 —LogicalChannelConf

Table 125-1 LogicalChannelConf parameters

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

Table 125-2 id

Name	Value
Description	LogicalChannelConf identifier
Type	Integer
access	read-create
minimum	0
maximum	7
Mandatory on create	Yes
Displayed(tab/group)	id

Table 125-3 p0UePUSCH

Name	Value
Description	defines required value P0_UE_PUSCH for logical channel. If more than one logical channel is configured, the highest value is selected.
Type	Integer
Default	0
minimum	-8
maximum	7
Units	dBm
Impact	fullReset
Displayed(tab/group)	p0UePUSCH

Table 125-4 spare0

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare0 (/Extended Configuration Capabilities)

Table 125-5 spare1

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare1 (/Extended Configuration Capabilities)

Table 125-6 spare2

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare2 (/Extended Configuration Capabilities)

Table 125-7 spare3

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare3 (/Extended Configuration Capabilities)

Table 125-8 spare4

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare4 (/Extended Configuration Capabilities)

Table 125-9 spare5

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	partialReset
Displayed(tab/group)	spare5 (/Extended Configuration Capabilities)

Table 125-10 spare6

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare6 (/Extended Configuration Capabilities)

Table 125-11 spare7

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare7 (/Extended Configuration Capabilities)

Table 125-12 spare8

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare8 (/Extended Configuration Capabilities)

Table 125-13 spare9

Name	Value
Description	Spare parameter for further extensions
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	spare9 (/Extended Configuration Capabilities)

126 —LteCellFDD

Table 126-1 LteCellFDD parameters

Parameters	
id numberOfDLAntennas	numberOfULAntennas transmissionMode

Table 126-2 id

Name	Value
Description	LteCellFDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 126-3 numberOfDLAntennas

Name	Value
Description	Indicates 1 or 2 antenna mode for transmitter.
Type	Integer

(1 of 2)

Name	Value
Default	2
minimum	1
maximum	2
Impact	partialReset
Displayed(tab/group)	numberOfDLAntennas

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Table 126-4 numberOfULAntennas

Name	Value
Description	Defines the number of UL antenna configured for the cell. Supported values are <1,2,4>

Type	• ulAntenna1
	  • value: 0
	  • displayed: Uplink Antenna 1
	• ulAntenna2
	  • value: 1
	  • displayed: Uplink Antenna 2
	• ulAntenna8
	  • value: 2
	  • displayed: Uplink Antenna 8
	• ulAntenna4
	  • value: 3
	  • displayed: Uplink Antenna 4

Default	ulAntenna2
Impact	partialReset
Displayed(tab/group)	numberOfULAntennas

Table 126-5 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.

Type	• tm1
	  • value: 0
	  • displayed: Transmission Mode 1
	• tm2
	  • value: 1
	  • displayed: Transmission Mode 2
	• tm3
	  • value: 2
	  • displayed: Transmission Mode 3

(1 of 2)

Name	Value

Type (continued)	• tm4
	  • value: 3
	  • displayed: Transmission Mode 4

Impact	partialReset
Displayed(tab/group)	transmissionMode

(2 of 2)

127 —LteCellTDD

Table 127-1 LteCellTDD parameters

Parameters	
id specialSubframePatterns	subframeAssignment transmissionMode

Table 127-2 id

Name	Value
Description	LteCellTDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 127-3 specialSubframePatterns

Name	Value
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

Type	• ssp5
	  • value: 0
	  • displayed: Pattern 5
	• ssp7
	  • value: 1
	  • displayed: Pattern 7

Default	ssp7
Impact	partialReset
Displayed(tab/group)	specialSubframePatterns

Table 127-4 subframeAssignment

Name	Value
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

Type	• sa1
	  • value: 0
	  • displayed: Assignment 1
	• sa2
	  • value: 1
	  • displayed: Assignment 2

Default	sa1
Impact	partialReset
Displayed(tab/group)	subframeAssignment

Table 127-5 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.

Type	• tm1
	  • value: 0
	  • displayed: Mode 1
	• tm2
	  • value: 1
	  • displayed: Mode 2

(1 of 2)

Name	Value

Type (continued)	• tm3
	  • value: 2
	  • displayed: Mode 3
	• tm4
	  • value: 3
	  • displayed: Mode 4
	• tm7
	  • value: 4
	  • displayed: Mode 7

Impact	noReset
Displayed(tab/group)	transmissionMode

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128 —LteNeighboringCell

Table 128-1 LteNeighboringCell parameters

Parameters	
cellIndividualOffset id qOffsetCell	rdnId sibOrMeasObjectUsage

Table 128-2 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.

Type	• dB_2
	  • value: 0
	  • displayed: -2 dB
	• dB_24
	  • value: 1
	  • displayed: -24 dB
	• dB_1
	  • value: 2
	  • displayed: -1 dB
	• dB0
	  • value: 3
	  • displayed: 0 dB

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Name	Value

Type (continued)	• dB1
	  • value: 4
	  • displayed: 1 dB
	• dB_6
	  • value: 5
	  • displayed: -6 dB
	• dB2
	  • value: 6
	  • displayed: 2 dB
	• dB20
	  • value: 7
	  • displayed: 20 dB
	• dB_5
	  • value: 8
	  • displayed: -5 dB
	• dB3
	  • value: 9
	  • displayed: 3 dB
	• dB_4
	  • value: 10
	  • displayed: -4 dB
	• dB_10
	  • value: 11
	  • displayed: -10 dB
	• dB4
	  • value: 12
	  • displayed: 4 dB
	• dB22
	  • value: 13
	  • displayed: 22 dB
	• dB_3
	  • value: 14
	  • displayed: -3 dB
	• dB5
	  • value: 15
	  • displayed: 5 dB
	• dB6
	  • value: 16
	  • displayed: 6 dB
	• dB_8
	  • value: 17
	  • displayed: -8 dB
	• dB8
	  • value: 18
	  • displayed: 8 dB
	• dB14
	  • value: 19
	  • displayed: 14 dB
	• dB_12
	  • value: 20
	  • displayed: -12 dB
	• dB16
	  • value: 21
	  • displayed: 16 dB

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Name	Value

Type (continued)	• dB_14
	  • value: 22
	  • displayed: -14 dB
	• dB_20
	  • value: 23
	  • displayed: -20 dB
	• dB18
	  • value: 24
	  • displayed: 18 dB
	• dB_16
	  • value: 25
	  • displayed: -16 dB
	• dB_22
	  • value: 26
	  • displayed: -22 dB
	• dB_18
	  • value: 27
	  • displayed: -18 dB
	• dB10
	  • value: 28
	  • displayed: 10 dB
	• dB24
	  • value: 29
	  • displayed: 24 dB
	• dB12
	  • value: 30
	  • displayed: 12 dB

Units	dB
Impact	partialReset
Displayed(tab/group)	cellIndividualOffset
Note: The value of this parameter can be unset.	

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Table 128-3 id

Name	Value
Description	user friendly LteNeighboringCell name, for operator use, but also part of eNodeB MIM, for use in PM reporting.
Type	string
access	read-create
minimum	0
maximum	64
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	id

Table 128-4 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

Type	• dB_2
	  • value: 0
	  • displayed: -2 dB
	• dB_24
	  • value: 1
	  • displayed: -24 dB
	• dB_1
	  • value: 2
	  • displayed: -1 dB
	• dB0
	  • value: 3
	  • displayed: 0 dB
	• dB1
	  • value: 4
	  • displayed: 1 dB
	• dB_6
	  • value: 5
	  • displayed: -6 dB
	• dB2
	  • value: 6
	  • displayed: 2 dB
	• dB20
	  • value: 7
	  • displayed: 20 dB
	• dB_5
	  • value: 8
	  • displayed: -5 dB
	• dB3
	  • value: 9
	  • displayed: 3 dB
	• dB_4
	  • value: 10
	  • displayed: -4 dB
	• dB_10
	  • value: 11
	  • displayed: -10 dB
	• dB4
	  • value: 12
	  • displayed: 4 dB
	• dB22
	  • value: 13
	  • displayed: 22 dB
	• dB_3
	  • value: 14
	  • displayed: -3 dB
	• dB5
	  • value: 15
	  • displayed: 5 dB

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Name	Value

Type (continued)	• dB6
	  • value: 16
	  • displayed: 6 dB
	• dB_8
	  • value: 17
	  • displayed: -8 dB
	• dB8
	  • value: 18
	  • displayed: 8 dB
	• dB14
	  • value: 19
	  • displayed: 14 dB
	• dB_12
	  • value: 20
	  • displayed: -12 dB
	• dB16
	  • value: 21
	  • displayed: 16 dB
	• dB_14
	  • value: 22
	  • displayed: -14 dB
	• dB_20
	  • value: 23
	  • displayed: -20 dB
	• dB18
	  • value: 24
	  • displayed: 18 dB
	• dB_16
	  • value: 25
	  • displayed: -16 dB
	• dB_22
	  • value: 26
	  • displayed: -22 dB
	• dB_18
	  • value: 27
	  • displayed: -18 dB
	• dB10
	  • value: 28
	  • displayed: 10 dB
	• dB24
	  • value: 29
	  • displayed: 24 dB
	• dB12
	  • value: 30
	  • displayed: 12 dB

Units	dB
Impact	partialReset
Displayed(tab/group)	qOffsetCell
Note: The value of this parameter can be unset.	

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Table 128-5 rdnId

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	63
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 128-6 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.

Type	• SIB_only
	  • value: 0
	  • displayed: SIB Only
	• MeasObject_only
	  • value: 1
	  • displayed: Measurement Object Only
	• SIB_and_MeasObject
	  • value: 2
	  • displayed: SIB and Measurement Object

Impact	partialReset
Displayed(tab/group)	sibOrMeasObjectUsage
Note: The value of this parameter can be unset.	

129 —LteNeighboringCellRelation

Table 129-1 LteNeighboringCellRelation parameters

Parameters	
cellIndividualOffset	physicalLayerCellIdentityIndex
discoveredByAnr	plmnMobileCountryCode
hoPolicy	plmnMobileNetworkCode
id	qOffsetCell
macroEnbId	rdnId
macroEnbIdUntil_V2_x	relativeCellIdentity
measuredByAnr	relativeCellIdentityUntil_V2_x
physicalLayerCellIdentityGroupIndex	trackingAreaCode

Table 129-2 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.

Type	• dB_2
	  • value: 0
	  • displayed: -2 dB
	• dB_24
	  • value: 1
	  • displayed: -24 dB

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Name	Value

Type (continued)	• dB_1
	  • value: 2
	  • displayed: -1 dB
	• dB0
	  • value: 3
	  • displayed: 0 dB
	• dB1
	  • value: 4
	  • displayed: 1 dB
	• dB_6
	  • value: 5
	  • displayed: -6 dB
	• dB2
	  • value: 6
	  • displayed: 2 dB
	• dB20
	  • value: 7
	  • displayed: 20 dB
	• dB_5
	  • value: 8
	  • displayed: -5 dB
	• dB3
	  • value: 9
	  • displayed: 3 dB
	• dB_4
	  • value: 10
	  • displayed: -4 dB
	• dB_10
	  • value: 11
	  • displayed: -10 dB
	• dB4
	  • value: 12
	  • displayed: 4 dB
	• dB22
	  • value: 13
	  • displayed: 22 dB
	• dB_3
	  • value: 14
	  • displayed: -3 dB
	• dB5
	  • value: 15
	  • displayed: 5 dB
	• dB6
	  • value: 16
	  • displayed: 6 dB
	• dB_8
	  • value: 17
	  • displayed: -8 dB
	• dB8
	  • value: 18
	  • displayed: 8 dB
	• dB14
	  • value: 19
	  • displayed: 14 dB

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Name	Value

Type (continued)	• dB_12
	  • value: 20
	  • displayed: -12 dB
	• dB16
	  • value: 21
	  • displayed: 16 dB
	• dB_14
	  • value: 22
	  • displayed: -14 dB
	• dB_20
	  • value: 23
	  • displayed: -20 dB
	• dB18
	  • value: 24
	  • displayed: 18 dB
	• dB_16
	  • value: 25
	  • displayed: -16 dB
	• dB_22
	  • value: 26
	  • displayed: -22 dB
	• dB_18
	  • value: 27
	  • displayed: -18 dB
	• dB10
	  • value: 28
	  • displayed: 10 dB
	• dB24
	  • value: 29
	  • displayed: 24 dB
	• dB12
	  • value: 30
	  • displayed: 12 dB

Default	dB0
Impact	noReset
Displayed(tab/group)	cellIndividualOffset
Note: The value of this parameter can be unset.	

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Table 129-3 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
Type	boolean
access	read-create
Default	false
Displayed(tab/group)	discoveredByAnr (/Automatic Neighbour Relation)

Table 129-4 hoPolicy

Name	Value
Description	HO policy defined by the Operator

Type	• managedByEnodeB
	  • value: 0
	  • displayed: Managed By eNodeB
	• whiteList
	  • value: 1
	  • displayed: White list
	• blackList
	  • value: 2
	  • displayed: Black list

Default	managedByEnodeB
Displayed(tab/group)	HO Policy (/Automatic Neighbour Relation)

Table 129-5 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.
Type	string
access	read-create
minimum	0
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	id

Table 129-6 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.
Type	Integer
access	read-create
minimum	0
maximum	1048575
Mandatory on create	Yes
Displayed(tab/group)	macroEnbId

Table 129-7 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.
Type	string
access	read-create
minimum	20
maximum	20
Mandatory on create	Yes
Displayed(tab/group)	macroEnbId

Table 129-8 measuredByAnr

Name	Value
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.
Type	boolean
access	read-create
Default	false
Displayed(tab/group)	measuredByAnr (/Automatic Neighbour Relation)

Table 129-9 physicalLayerCellIdentityGroupIndex

Name	Value
Description	The physical layer cell identity group as specified by TS 36.211, Chapter 6.11 Synchronization signals.
Type	Integer
minimum	0
maximum	167
Impact	noReset
Displayed(tab/group)	physicalLayerCellIdentityGroupIndex

Table 129-10 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
Type	Integer
minimum	0
maximum	2
Impact	noReset
Displayed(tab/group)	physicalLayerCellIdentityIndex

Table 129-11 plmnMobileCountryCode

Name	Value
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.

Type	• default
	  • value: 0
	  • displayed: 0 - Default
	  • not selectable
	• select
	  • value: 1
	  • displayed: Select Mobile Country Code
	  • not selectable
	• gr
	  • value: 202
	  • displayed: 202 - Greece
	• nl
	  • value: 204
	  • displayed: 204 - Netherlands
	• be
	  • value: 206
	  • displayed: 206 - Belgium
	• fr
	  • value: 208
	  • displayed: 208 - France
	• mc
	  • value: 212
	  • displayed: 212 - Monaco
	• ad
	  • value: 213
	  • displayed: 213 - Andorra
	• es
	  • value: 214
	  • displayed: 214 - Spain
	• hu
	  • value: 216
	  • displayed: 216 - Hungary

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Name	Value

Type (continued)	• ba
	  • value: 218
	  • displayed: 218 - Bosnia and Herzegovina
	• hr
	  • value: 219
	  • displayed: 219 - Croatia
	• rs
	  • value: 220
	  • displayed: 220 - Serbia (Republic of)
	• it
	  • value: 222
	  • displayed: 222 - Italy
	• va
	  • value: 225
	  • displayed: 225 - Vatican City State
	• ro
	  • value: 226
	  • displayed: 226 - Romania
	• ch
	  • value: 228
	  • displayed: 228 - Switzerland
	• cz
	  • value: 230
	  • displayed: 230 - Czech Republic
	• sk
	  • value: 231
	  • displayed: 231 - Slovakia
	• at
	  • value: 232
	  • displayed: 232 - Austria
	• gb2
	  • value: 234
	  • displayed: 234 - United Kingdom (2)
	• gb1
	  • value: 235
	  • displayed: 235 - United Kingdom (1)
	• dk
	  • value: 238
	  • displayed: 238 - Denmark
	• se
	  • value: 240
	  • displayed: 240 - Sweden
	• no
	  • value: 242
	  • displayed: 242 - Norway
	• fi
	  • value: 244
	  • displayed: 244 - Finland
	• lt
	  • value: 246
	  • displayed: 246 - Lithuania
	• lv
	  • value: 247
	  • displayed: 247 - Latvia

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Name	Value

Type (continued)	• ee
	  • value: 248
	  • displayed: 248 - Estonia
	• ru
	  • value: 250
	  • displayed: 250 - Russian Federation
	• ua
	  • value: 255
	  • displayed: 255 - Ukraine
	• by
	  • value: 257
	  • displayed: 257 - Belarus
	• md
	  • value: 259
	  • displayed: 259 - Moldova
	• pl
	  • value: 260
	  • displayed: 260 - Poland
	• de
	  • value: 262
	  • displayed: 262 - Germany
	• gi
	  • value: 266
	  • displayed: 266 - Gibraltar (UK)
	• pt
	  • value: 268
	  • displayed: 268 - Portugal
	• lu
	  • value: 270
	  • displayed: 270 - Luxembourg
	• ie
	  • value: 272
	  • displayed: 272 - Ireland
	• is
	  • value: 274
	  • displayed: 274 - Iceland
	• al
	  • value: 276
	  • displayed: 276 - Albania
	• mt
	  • value: 278
	  • displayed: 278 - Malta
	• cy
	  • value: 280
	  • displayed: 280 - Cyprus
	• ge
	  • value: 282
	  • displayed: 282 - Georgia
	• am
	  • value: 283
	  • displayed: 283 - Armenia
	• bg
	  • value: 284
	  • displayed: 284 - Bulgaria

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Name	Value

Type (continued)	• tr
	  • value: 286
	  • displayed: 286 - Turkey
	• fo
	  • value: 288
	  • displayed: 288 - Faroe Islands (Denmark)
	• ak
	  • value: 289
	  • displayed: 289 - Abkhazia (Georgia)
	• gl
	  • value: 290
	  • displayed: 290 - Greenland (Denmark)
	• sm
	  • value: 292
	  • displayed: 292 - San Marino
	• si
	  • value: 293
	  • displayed: 293 - Slovenia
	• mk
	  • value: 294
	  • displayed: 294 - Republic of Macedonia
	• li
	  • value: 295
	  • displayed: 295 - Liechtenstein
	• me
	  • value: 297
	  • displayed: 297 - Montenegro (Republic of)
	• ca
	  • value: 302
	  • displayed: 302 - Canada
	• pm
	  • value: 308
	  • displayed: 308 - Saint Pierre et Miquelon (France)
	• us1
	  • value: 310
	  • displayed: 310 - United States of America (1)
	• us2
	  • value: 311
	  • displayed: 311 - United States of America (2)
	• us3
	  • value: 312
	  • displayed: 312 - United States of America (3)
	• us4
	  • value: 313
	  • displayed: 313 - United States of America (4)
	• us5
	  • value: 314
	  • displayed: 314 - United States of America (5)
	• us6
	  • value: 315
	  • displayed: 315 - United States of America (6)
	• us7
	  • value: 316
	  • displayed: 316 - United States of America (7)

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Name	Value

Type (continued)	• pr
	  • value: 330
	  • displayed: 330 - Puerto Rico (US)
	• vi
	  • value: 332
	  • displayed: 332 - United States Virgin Islands (US)
	• mx
	  • value: 334
	  • displayed: 334 - Mexico
	• jm
	  • value: 338
	  • displayed: 338 - Jamaica
	• gp
	  • value: 340
	  • displayed: 340 - Guadeloupe et Martinique (France)
	• bb
	  • value: 342
	  • displayed: 342 - Barbados
	• ag
	  • value: 344
	  • displayed: 344 - Antigua and Barbuda
	• ky
	  • value: 346
	  • displayed: 346 - Cayman Islands (UK)
	• vg
	  • value: 348
	  • displayed: 348 - British Virgin Islands (UK)
	• bm
	  • value: 350
	  • displayed: 350 - Bermuda (UK)
	• gd
	  • value: 352
	  • displayed: 353 - Grenada
	• ms
	  • value: 354
	  • displayed: 354 - Montserrat (UK)
	• kn
	  • value: 356
	  • displayed: 356 - Saint Kitts and Nevis
	• lc
	  • value: 358
	  • displayed: 358 - Saint Lucia
	• vc
	  • value: 360
	  • displayed: 360 - Saint Vincent and the Grenadines
	• an
	  • value: 362
	  • displayed: 362 - Netherlands Antilles (Netherlands)
	• aw
	  • value: 363
	  • displayed: 363 - Aruba (Netherlands)
	• bs
	  • value: 364
	  • displayed: 364 - Bahamas

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Name	Value

Type (continued)	• ai
	  • value: 365
	  • displayed: 365 - Anguilla
	• dm
	  • value: 366
	  • displayed: 366 - Dominica
	• cu
	  • value: 368
	  • displayed: 368 - Cuba
	• do
	  • value: 370
	  • displayed: 370 - Dominican Republic
	• ht
	  • value: 372
	  • displayed: 372 - Haiti
	• tt
	  • value: 374
	  • displayed: 374 - Trinidad and Tobago
	• tc
	  • value: 376
	  • displayed: 376 - Turks and Caicos Islands (UK)
	• az
	  • value: 400
	  • displayed: 400 - Azerbaijani Republic
	• kz
	  • value: 401
	  • displayed: 401 - Kazakhstan
	• bt
	  • value: 402
	  • displayed: 402 - Bhutan
	• in1
	  • value: 404
	  • displayed: 404 - India (1)
	• in2
	  • value: 405
	  • displayed: 405 - India (2)
	• pk
	  • value: 410
	  • displayed: 410 - Pakistan
	• af
	  • value: 412
	  • displayed: 412 - Afghanistan
	• lk
	  • value: 413
	  • displayed: 413 - Sri Lanka
	• mm
	  • value: 414
	  • displayed: 414 - Myanmar
	• lb
	  • value: 415
	  • displayed: 415 - Lebanon
	• jo
	  • value: 416
	  • displayed: 416 - Jordan

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Name	Value

Type (continued)	• sy
	  • value: 417
	  • displayed: 417 - Syria
	• iq
	  • value: 418
	  • displayed: 418 - Iraq
	• kw
	  • value: 419
	  • displayed: 419 - Kuwait
	• sa
	  • value: 420
	  • displayed: 420 - Saudi Arabia
	• ye
	  • value: 421
	  • displayed: 421 - Yemen
	• om
	  • value: 422
	  • displayed: 422 - Oman
	• ps
	  • value: 423
	  • displayed: 423 - Palestine
	• ae1
	  • value: 424
	  • displayed: 424 - United Arab Emirates
	• il
	  • value: 425
	  • displayed: 425 - Israel
	• bh
	  • value: 426
	  • displayed: 426 - Bahrain
	• qa
	  • value: 427
	  • displayed: 427 - Qatar
	• mn
	  • value: 428
	  • displayed: 428 - Mongolia
	• np
	  • value: 429
	  • displayed: 429 - Nepal
	• ae2
	  • value: 430
	  • displayed: 430 - United Arab Emirates (Abu Dhabi)
	• ae3
	  • value: 431
	  • displayed: 431 - United Arab Emirates (Dubai)
	• ir
	  • value: 432
	  • displayed: 432 - Iran
	• uz
	  • value: 434
	  • displayed: 434 - Uzbekistan
	• tj
	  • value: 436
	  • displayed: 436 - Tajikistan

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Name	Value

Type (continued)	• kg
	  • value: 437
	  • displayed: 437 - Kyrgyz Republic
	• tm
	  • value: 438
	  • displayed: 438 - Turkmenistan
	• jp2
	  • value: 440
	  • displayed: 440 - Japan (2)
	• jp1
	  • value: 441
	  • displayed: 441 - Japan (1)
	• kr
	  • value: 450
	  • displayed: 450 - Korea, South
	• vn
	  • value: 452
	  • displayed: 452 - Viet Nam
	• hk
	  • value: 454
	  • displayed: 454 - Hong Kong (PRC)
	• mo
	  • value: 455
	  • displayed: 455 - Macau (PRC)
	• kh
	  • value: 456
	  • displayed: 456 - Cambodia
	• la
	  • value: 457
	  • displayed: 457 - Laos
	• cn
	  • value: 460
	  • displayed: 460 - China
	• tw
	  • value: 466
	  • displayed: 466 - Taiwan
	• kp
	  • value: 467
	  • displayed: 467 - Korea, North
	• bd
	  • value: 470
	  • displayed: 470 - Bangladesh
	• mv
	  • value: 472
	  • displayed: 472 - Maldives
	• my
	  • value: 502
	  • displayed: 502 - Malaysia
	• au
	  • value: 505
	  • displayed: 505 - Australia
	• id
	  • value: 510
	  • displayed: 510 - Indonesia

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Name	Value

Type (continued)	• tl
	  • value: 514
	  • displayed: 514 - East Timor
	• ph
	  • value: 515
	  • displayed: 515 - Philippines
	• th
	  • value: 520
	  • displayed: 520 - Thailand
	• sg
	  • value: 525
	  • displayed: 525 - Singapore
	• bn
	  • value: 528
	  • displayed: 528 - Brunei Darussalam
	• nz
	  • value: 530
	  • displayed: 530 - New Zealand
	• mp
	  • value: 534
	  • displayed: 534 - Northern Mariana Islands (US)
	• gu
	  • value: 535
	  • displayed: 535 - Guam (US)
	• nr
	  • value: 536
	  • displayed: 536 - Nauru
	• pg
	  • value: 537
	  • displayed: 537 - Papua New Guinea
	• to
	  • value: 539
	  • displayed: 539 - Tonga
	• sb
	  • value: 540
	  • displayed: 540 - Solomon Islands
	• vu
	  • value: 541
	  • displayed: 541 - Vanuatu
	• fj
	  • value: 542
	  • displayed: 542 - Fiji
	• wf
	  • value: 543
	  • displayed: 543 - Wallis et Futuna (France)
	• as
	  • value: 544
	  • displayed: 544 - American Samoa (US)
	• ki
	  • value: 545
	  • displayed: 545 - Kiribati
	• nc
	  • value: 546
	  • displayed: 546 - New Caledonia (France)

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Name	Value

Type (continued)	• pf
	  • value: 547
	  • displayed: 547 - French Polynesia (France)
	• ck
	  • value: 548
	  • displayed: 548 - Cook Islands (NZ)
	• ws
	  • value: 549
	  • displayed: 549 - Samoa
	• fm
	  • value: 550
	  • displayed: 550 - Federated States of Micronesia
	• mh
	  • value: 551
	  • displayed: 551 - Marshall Islands
	• pw
	  • value: 552
	  • displayed: 552 - Palau
	• eg
	  • value: 602
	  • displayed: 602 - Egypt
	• dz
	  • value: 603
	  • displayed: 603 - Algeria
	• ma
	  • value: 604
	  • displayed: 604 - Morocco
	• tn
	  • value: 605
	  • displayed: 605 - Tunisia
	• ly
	  • value: 606
	  • displayed: 606 - Libya
	• gm
	  • value: 607
	  • displayed: 607 - Gambia
	• sn
	  • value: 608
	  • displayed: 608 - Senegal
	• mr
	  • value: 609
	  • displayed: 609 - Mauritania
	• ml
	  • value: 610
	  • displayed: 610 - Mali
	• gn
	  • value: 611
	  • displayed: 611 - Guinea
	• ci
	  • value: 612
	  • displayed: 612 - Cote d'Ivoire
	• bf
	  • value: 613
	  • displayed: 613 - Burkina Faso

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Name	Value

Type (continued)	• ne
	  • value: 614
	  • displayed: 614 - Niger
	• tg
	  • value: 615
	  • displayed: 615 - Togolese Republic
	• bj
	  • value: 616
	  • displayed: 616 - Benin
	• mu
	  • value: 617
	  • displayed: 617 - Mauritius
	• lr
	  • value: 618
	  • displayed: 618 - Liberia
	• sl
	  • value: 619
	  • displayed: 619 - Sierra Leone
	• gh
	  • value: 620
	  • displayed: 620 - Ghana
	• ng
	  • value: 621
	  • displayed: 621 - Nigeria
	• td
	  • value: 622
	  • displayed: 622 - Chad
	• cf
	  • value: 623
	  • displayed: 623 - Central African Republic
	• cm
	  • value: 624
	  • displayed: 624 - Cameroon
	• cv
	  • value: 625
	  • displayed: 625 - Cape Verde
	• st
	  • value: 626
	  • displayed: 626 - Sao Tome and Principe
	• gq
	  • value: 627
	  • displayed: 627 - Equatorial Guinea
	• ga
	  • value: 628
	  • displayed: 628 - Gabonese Republic
	• cg
	  • value: 629
	  • displayed: 629 - Republic of the Congo
	• cd
	  • value: 630
	  • displayed: 630 - Democratic Republic of the Congo
	• ao
	  • value: 631
	  • displayed: 631 - Angola

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Name	Value

Type (continued)	• gw
	  • value: 632
	  • displayed: 632 - Guinea-Bissau
	• sc
	  • value: 633
	  • displayed: 633 - Seychelles
	• sd
	  • value: 634
	  • displayed: 634 - Sudan
	• rw
	  • value: 635
	  • displayed: 635 - Rwandese Republic
	• et
	  • value: 636
	  • displayed: 636 - Ethiopia
	• so
	  • value: 637
	  • displayed: 637 - Somalia
	• dj
	  • value: 638
	  • displayed: 638 - Djibouti
	• ke
	  • value: 639
	  • displayed: 639 - Kenya
	• tz
	  • value: 640
	  • displayed: 640 - Tanzania
	• ug
	  • value: 641
	  • displayed: 641 - Uganda
	• bi
	  • value: 642
	  • displayed: 642 - Burundi
	• mz
	  • value: 643
	  • displayed: 643 - Mozambique
	• zm
	  • value: 645
	  • displayed: 645 - Zambia
	• mg
	  • value: 646
	  • displayed: 646 - Madagascar
	• re
	  • value: 647
	  • displayed: 647 - Reunion (France)
	• zw
	  • value: 648
	  • displayed: 648 - Zimbabwe
	• na
	  • value: 649
	  • displayed: 649 - Namibia
	• mw
	  • value: 650
	  • displayed: 650 - Malawi

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Name	Value

Type (continued)	• ls
	  • value: 651
	  • displayed: 651 - Lesotho
	• bw
	  • value: 652
	  • displayed: 652 - Botswana
	• sz
	  • value: 653
	  • displayed: 653 - Swaziland
	• km
	  • value: 654
	  • displayed: 654 - Comoros
	• za
	  • value: 655
	  • displayed: 655 - South Africa
	• er
	  • value: 657
	  • displayed: 657 - Eritrea
	• bz
	  • value: 702
	  • displayed: 702 - Belize
	• gt
	  • value: 704
	  • displayed: 704 - Guatemala
	• sv
	  • value: 706
	  • displayed: 706 - El Salvador
	• hn
	  • value: 708
	  • displayed: 708 - Honduras
	• ni
	  • value: 710
	  • displayed: 710 - Nicaragua
	• cr
	  • value: 712
	  • displayed: 712 - Costa Rica
	• pa
	  • value: 714
	  • displayed: 714 - Panama
	• pe
	  • value: 716
	  • displayed: 716 - Peru
	• ar
	  • value: 722
	  • displayed: 722 - Argentine Republic
	• br
	  • value: 724
	  • displayed: 724 - Brazil
	• cl
	  • value: 730
	  • displayed: 730 - Chile
	• co
	  • value: 732
	  • displayed: 732 - Colombia

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Name	Value

Type (continued)	• ve
	  • value: 734
	  • displayed: 734 - Venezuela
	• bo
	  • value: 736
	  • displayed: 736 - Bolivia
	• gy
	  • value: 738
	  • displayed: 738 - Guyana
	• ec
	  • value: 740
	  • displayed: 740 - Ecuador
	• gf
	  • value: 742
	  • displayed: 742 - French Guiana (France)
	• py
	  • value: 744
	  • displayed: 744 - Paraguay
	• sr
	  • value: 746
	  • displayed: 746 - Suriname
	• uy
	  • value: 748
	  • displayed: 748 - Uruguay
	• fk
	  • value: 750
	  • displayed: 750 - Falkland Islands (Malvinas)

access	read-create
Default	select
Displayed(tab/group)	plmnMobileCountryCode

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Table 129-12 plmnMobileNetworkCode

Name	Value
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.
Type	string
access	read-create
Default	00
minimum	2
maximum	3
Displayed(tab/group)	plmnMobileNetworkCode

Table 129-13 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

Type	• dB_2
	  • value: 0
	  • displayed: -2 dB
	• dB_24
	  • value: 1
	  • displayed: -24 dB
	• dB_1
	  • value: 2
	  • displayed: -1 dB
	• dB0
	  • value: 3
	  • displayed: 0 dB
	• dB1
	  • value: 4
	  • displayed: 1 dB
	• dB_6
	  • value: 5
	  • displayed: -6 dB
	• dB2
	  • value: 6
	  • displayed: 2 dB
	• dB20
	  • value: 7
	  • displayed: 20 dB
	• dB_5
	  • value: 8
	  • displayed: -5 dB
	• dB3
	  • value: 9
	  • displayed: 3 dB
	• dB_4
	  • value: 10
	  • displayed: -4 dB
	• dB_10
	  • value: 11
	  • displayed: -10 dB
	• dB4
	  • value: 12
	  • displayed: 4 dB
	• dB22
	  • value: 13
	  • displayed: 22 dB
	• dB_3
	  • value: 14
	  • displayed: -3 dB
	• dB5
	  • value: 15
	  • displayed: 5 dB

(1 of 2)

Name	Value

Type (continued)	• dB6
	  • value: 16
	  • displayed: 6 dB
	• dB_8
	  • value: 17
	  • displayed: -8 dB
	• dB8
	  • value: 18
	  • displayed: 8 dB
	• dB14
	  • value: 19
	  • displayed: 14 dB
	• dB_12
	  • value: 20
	  • displayed: -12 dB
	• dB16
	  • value: 21
	  • displayed: 16 dB
	• dB_14
	  • value: 22
	  • displayed: -14 dB
	• dB_20
	  • value: 23
	  • displayed: -20 dB
	• dB18
	  • value: 24
	  • displayed: 18 dB
	• dB_16
	  • value: 25
	  • displayed: -16 dB
	• dB_22
	  • value: 26
	  • displayed: -22 dB
	• dB_18
	  • value: 27
	  • displayed: -18 dB
	• dB10
	  • value: 28
	  • displayed: 10 dB
	• dB24
	  • value: 29
	  • displayed: 24 dB
	• dB12
	  • value: 30
	  • displayed: 12 dB

Units	dB
Impact	noReset
Displayed(tab/group)	qOffsetCell
Note: The value of this parameter can be unset.	

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Table 129-14 rdnId

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	63
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 129-15 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.
Type	Integer
access	read-create
minimum	0
maximum	255
Mandatory on create	Yes
Displayed(tab/group)	relativeCellIdentity

Table 129-16 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.
Type	string
access	read-create
minimum	8
maximum	8
Mandatory on create	Yes
Displayed(tab/group)	relativeCellIdentity

Table 129-17 trackingAreaCode

Name	Value
Description	This parameters identifies the Tracking Area Code to which belongs the neighbour cell Defined in TS 36.331
Type	string
minimum	16
maximum	16
Impact	noReset
Displayed(tab/group)	trackingAreaCode

130 —LteNeighboringFreqConfFDD

Table 130-1 LteNeighboringFreqConfFDD parameters

Parameters	
dlEARFCN	id

Table 130-2 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.
Type	Integer
minimum	0
maximum	39649
Impact	noReset
Displayed(tab/group)	dlEARFCN

Table 130-3 id

Name	Value
Description	LteNeighboringFreqConfFDD identifier
Type	Integer
access	read-create

(1 of 2)

Name	Value
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

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131 —LteNeighboringFreqConf

Table 131-1 LteNeighboringFreqConf parameters

Parameters	
dlEARFCN id measurementBandwidth neighCellConfig	offsetFreq presenceAntennaPort1 priorityOfFreq

Table 131-2 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.
Type	Integer
minimum	0
maximum	39649
Impact	noReset
Displayed(tab/group)	dlEARFCN

Table 131-3 id

Name	Value
Description	LteNeighboringFreqConf identifier
Type	Integer
access	read-create
minimum	0
maximum	8
Mandatory on create	Yes
Displayed(tab/group)	id

Table 131-4 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

Type	• mbw100
	  • value: 0
	  • displayed: Mbw 100
	• mbw75
	  • value: 1
	  • displayed: Mbw 75
	• mbw15
	  • value: 2
	  • displayed: Mbw 15
	• mbw6
	  • value: 3
	  • displayed: Mbw 6
	• mbw50
	  • value: 4
	  • displayed: Mbw 50
	• mbw25
	  • value: 5
	  • displayed: Mbw 25

Impact	noReset
Displayed(tab/group)	measurementBandwidth

Table 131-5 neighCellConfig

Name	Value
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

Type	• NoMbsfnSubframesArePresent
	  • value: 0
	  • displayed: No MBSFN Subframes Are Present
	• DifferentUlDlAllocation
	  • value: 1
	  • displayed: Different Uplink/Downlink Allocation

Default	NoMbsfnSubframesArePresent
Impact	noReset
Displayed(tab/group)	neighCellConfig

Table 131-6 offsetFreq

Name	Value
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

Type	• dB_2
	  • value: 0
	  • displayed: -2 dB
	• dB_24
	  • value: 1
	  • displayed: -24 dB
	• dB_1
	  • value: 2
	  • displayed: -1 dB
	• dB0
	  • value: 3
	  • displayed: 0 dB
	• dB1
	  • value: 4
	  • displayed: 1 dB
	• dB_6
	  • value: 5
	  • displayed: -6 dB
	• dB2
	  • value: 6
	  • displayed: 2 dB
	• dB20
	  • value: 7
	  • displayed: 20 dB

(1 of 3)

Name	Value

Type (continued)	• dB_5
	  • value: 8
	  • displayed: -5 dB
	• dB3
	  • value: 9
	  • displayed: 3 dB
	• dB_4
	  • value: 10
	  • displayed: -4 dB
	• dB_10
	  • value: 11
	  • displayed: -10 dB
	• dB4
	  • value: 12
	  • displayed: 4 dB
	• dB22
	  • value: 13
	  • displayed: 22 dB
	• dB_3
	  • value: 14
	  • displayed: -3 dB
	• dB5
	  • value: 15
	  • displayed: 5 dB
	• dB6
	  • value: 16
	  • displayed: 6 dB
	• dB_8
	  • value: 17
	  • displayed: -8 dB
	• dB8
	  • value: 18
	  • displayed: 8 dB
	• dB14
	  • value: 19
	  • displayed: 14 dB
	• dB_12
	  • value: 20
	  • displayed: -12 dB
	• dB16
	  • value: 21
	  • displayed: 16 dB
	• dB_14
	  • value: 22
	  • displayed: -14 dB
	• dB_20
	  • value: 23
	  • displayed: -20 dB
	• dB18
	  • value: 24
	  • displayed: 18 dB
	• dB_16
	  • value: 25
	  • displayed: -16 dB

(2 of 3)

Name	Value

Type (continued)	• dB_22
	  • value: 26
	  • displayed: -22 dB
	• dB_18
	  • value: 27
	  • displayed: -18 dB
	• spare
	  • value: 28
	  • displayed: Spare
	• dB10
	  • value: 29
	  • displayed: 10 dB
	• dB24
	  • value: 30
	  • displayed: 24 dB
	• dB12
	  • value: 31
	  • displayed: 12 dB

Default	dB0
Units	dB
Impact	noReset
Displayed(tab/group)	offsetFreq

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Table 131-7 presenceAntennaPort1

Name	Value
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.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	presenceAntennaPort1

Table 131-8 priorityOfFreq

Name	Value
Description	This attribute is used by the Algorithm for Control Procedure for Mobility (inter-freq chosen for the blind redirection)
Type	Integer
minimum	0
maximum	7

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	priorityOfFreq

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132 —LteNeighboringFreqConfTDD

Table 132-1 LteNeighboringFreqConfTDD parameters

Parameters	
dlEARFCN	id

Table 132-2 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.
Type	Integer
minimum	36000
maximum	39649
Impact	partialReset
Displayed(tab/group)	dlEARFCN

Table 132-3 id

Name	Value
Description	LteNeighboringFreqConfTDD identifier
Type	Integer
access	read-create

(1 of 2)

Name	Value
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

133 —LteNeighboring

Table 133-1 id

Name	Value
Description	LteNeighboring identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

134 —LteSpeedConf

Table 134-1 LteSpeedConf parameters

Parameters	
id tReselectionEutraSfHigh	tReselectionEutraSfMedium

Table 134-2 id

Name	Value
Description	LteSpeedConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 134-3 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionEutraSfHigh

Table 134-4 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	tReselectionEutraSfMedium

(2 of 2)

135 —LteSpeedDependentConf

Table 135-1 LteSpeedDependentConf parameters

Parameters	
id tReselectionEutraSfHigh	tReselectionEutraSfMedium

Table 135-2 id

Name	Value
Description	LteSpeedDependentConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 135-3 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionEutraSfHigh

Table 135-4 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionEutraSfMedium

136 —MacConf

Table 136-1 MacConf parameters

Parameters	
hARQMaxNumberOfTransmission hARQMaxTimer id initialMCSIndexForBearerSetup	mIMOMode numberOfRBforVoIP uLBOProfileIndex

Table 136-2 hARQMaxNumberOfTransmission

Name	Value
Description	Maximum of HARQ transmissions attempts also allowing to calculate number of reserved Resource Blocks for HARQ retransmission of presistent scheduler
Type	Integer
minimum	1
maximum	8
Impact	fullReset
Displayed(tab/group)	hARQMaxNumberOfTransmission

Table 136-3 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
Type	Integer
minimum	1
maximum	500
Units	ms
Impact	fullReset
Displayed(tab/group)	hARQMaxTimer

Table 136-4 id

Name	Value
Description	MacConf identifier
Type	Integer
access	read-create
minimum	0
maximum	15
Mandatory on create	Yes
Displayed(tab/group)	id

Table 136-5 initialMCSIndexForBearerSetup

Name	Value
Description	Provides initial Modulation and Coding Scheme to be used at call setup
Type	Integer
minimum	0
maximum	28
Impact	fullReset
Displayed(tab/group)	initialMCSIndexForBearerSetup

Table 136-6 mIMOMode

Name	Value
Description	Provides information about the MIMO mode used for PDSCH

Type	• clMimoOnly
	  • value: 0
	  • displayed: Cl MIMO Only
	• txDivOrClMimo
	  • value: 1
	  • displayed: Tx Div Or Cl MIMO
	• closeLoopOnly
	  • value: 2
	  • displayed: Close Loop Only
	• mimoNotAllowed
	  • value: 3
	  • displayed: MIMO Not Allowed
	• mimoAllowed
	  • value: 4
	  • displayed: MIMO Allowed
	• txDivOrOlMimo
	  • value: 5
	  • displayed: Tx Div Or Ol MIMO
	• closeLoopAllowed
	  • value: 6
	  • displayed: Close Loop Allowed
	• txDivOnly
	  • value: 7
	  • displayed: Tx Div Only
	• mimoTwoLayersNotAllowed
	  • value: 8
	  • displayed: MIMO Two Layers Not Allowed
	• mimoTwoLayersAllowed
	  • value: 9
	  • displayed: MIMO Two Layers Allowed

Impact	fullReset
Displayed(tab/group)	mIMOMode

Table 136-7 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)
Type	Integer
minimum	2
maximum	100
Impact	fullReset
Displayed(tab/group)	numberOfRBforVoIP

Table 136-8 uLBOProfileIndex

Name	Value
Description	instance index of MAC UL CONF MO to use for this type of bearer
Type	Integer
Default	0
minimum	0
maximum	3
Impact	fullReset
Displayed(tab/group)	uLBOProfileIndex

137 —MacUlBOProfile

Table 137-1 MacUlBOProfile parameters

Parameters	
id	ulBOperiodicIncreaseEnabled
uLBOIncreaseUponResourceRequest	uLBOPeriodicIncreasePeriod
uLBOInitialValueUponHandover	uLBOProfileName
uLBOMACoverhead	uLBOWeight
uLBOMaxValue	

Table 137-2 id

Name	Value
Description	MacUlBOProfile identifier
Type	Integer
access	read-create
minimum	0
maximum	3
Mandatory on create	Yes
Displayed(tab/group)	id

Table 137-3 uLBOIncreaseUponResourceRequest

Name	Value
Description	Systematic BE increase upon receipt of a Scheduling Request
Type	Integer
Default	500
minimum	0
maximum	20000
Impact	fullReset
Displayed(tab/group)	uLBOIncreaseUponResourceRequest

Table 137-4 uLBOInitialValueUponHandover

Name	Value
Description	Defines the initial value of the BO estimate upon creation of a UE context in a handover scenario.
Type	Integer
Default	1000
minimum	0
maximum	200000
Impact	fullReset
Displayed(tab/group)	uLBOInitialValueUponHandover

Table 137-5 uLBOMACoverhead

Name	Value
Description	Estimated average UL MAC overhead per MAC PDU
Type	Integer
Default	3
minimum	0
maximum	10
Impact	fullReset
Displayed(tab/group)	uLBOMACoverhead

Table 137-6 uLBOMaxValue

Name	Value
Description	Define the max BO estimate value that can be made on a particular UL logical channel.
Type	Integer
Default	50000
minimum	0
maximum	200000
Impact	fullReset
Displayed(tab/group)	uLBOMaxValue

Table 137-7 uLBOPeriodicIncreasePeriod

Name	Value
Description	Period of periodic Buffer Estimate increase when configured. In ms.
Type	Integer
Default	5
minimum	1
maximum	250
Impact	fullReset
Displayed(tab/group)	uLBOPeriodicIncreasePeriod

Table 137-8 uLBOProfileName

Name	Value
Description	Text used to explicitely state which type of RB (e.g. SRB, BE, VOiP, GBR) is associated with the profile.
Type	string
Default	SRB
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	uLBOProfileName

Table 137-9 uLBOWeight

Name	Value
Description	Defines the weight used for the computation of the UE UL QoS weigth of the Buffer Occupancy component
Type	Integer
Default	100
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	uLBOWeight

Table 137-10 ulBOperiodicIncreaseEnabled

Name	Value
Description	Switch to enable periodic UL BO increase

Type	• enabled
	  • value: 0
	  • displayed: Enabled
	• disabled
	  • value: 1
	  • displayed: Disabled

Default	disabled
Impact	fullReset
Displayed(tab/group)	ulBOperiodicIncreaseEnabled

138 —MeasObjectCDMA2000

Table 138-1 MeasObjectCDMA2000 parameters

Parameters	
bandClass carrierFreq cdma2000Type	id offsetFreq searchWindowSize

Table 138-2 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.

Type	• 1_8_to_2_0_GHz_PCS
	  • value: 0
	  • displayed: 1.8 to 2.0 GHz PCS
	• 800MHz_cellular
	  • value: 1
	  • displayed: 800 MHz Cellular

Impact	noReset
Displayed(tab/group)	bandClass

Table 138-3 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.
Type	Integer
minimum	0
maximum	2047
Impact	noReset
Displayed(tab/group)	carrierFreq

Table 138-4 cdma2000Type

Name	Value
Description	This parameter indicates the type of CDMA2000 network: CDMA2000 1xRTT or CDMA2000 HRPD. See TS36.331

Type	• type1XRTT
	  • value: 0
	  • displayed: Type 1 XRTT
	• typeHRPD
	  • value: 1
	  • displayed: Type HRPD

Default	typeHRPD
Impact	noReset
Displayed(tab/group)	cdma2000Type

Table 138-5 id

Name	Value
Description	MeasObjectCDMA2000 identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 138-6 offsetFreq

Name	Value
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.
Type	Integer
Default	0
minimum	-15
maximum	15
Units	dB
Impact	noReset
Displayed(tab/group)	offsetFreq

Table 138-7 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.
Type	Integer
minimum	0
maximum	15
Impact	noReset
Displayed(tab/group)	searchWindowSize
Note: The value of this parameter can be unset.	

139 —MeasObjectEUTRAFDD

Table 139-1 MeasObjectEUTRAFDD parameters

Parameters	
dlEARFCN	id

Table 139-2 dlEARFCN

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE carrierFreq of MeaseObjectEUTRA.
Type	Integer
minimum	0
maximum	39649
Impact	noReset
Displayed(tab/group)	dlEARFCN

Table 139-3 id

Name	Value
Description	MeasObjectEUTRAFDD identifier
Type	Integer
access	read-create

(1 of 2)

Name	Value
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

140 —MeasObjectEUTRA

Table 140-1 MeasObjectEUTRA parameters

Parameters	
dlEARFCN id	measurementBandwidth offsetFreq

Table 140-2 dlEARFCN

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE earfcn-DL of MeasObjectEUTRA IE
Type	Integer
minimum	0
maximum	39649
Impact	fullReset
Displayed(tab/group)	dlEARFCN

Table 140-3 id

Name	Value
Description	MeasObjectEUTRA identifier
Type	Integer

(1 of 2)

Name	Value
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

Table 140-4 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.

Type	• mbw100
	  • value: 0
	  • displayed: Mbw 100
	• mbw75
	  • value: 1
	  • displayed: Mbw 75
	• mbw15
	  • value: 2
	  • displayed: Mbw 15
	• mbw6
	  • value: 3
	  • displayed: Mbw 6
	• mbw50
	  • value: 4
	  • displayed: Mbw 50
	• mbw25
	  • value: 5
	  • displayed: Mbw 25

Impact	noReset
Displayed(tab/group)	measurementBandwidth

Table 140-5 offsetFreq

Name	Value
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

Type	• dB_2
	  • value: 0
	  • displayed: -2 dB

(1 of 3)

Name	Value

Type (continued)	• dB_24
	  • value: 1
	  • displayed: -24 dB
	• dB_1
	  • value: 2
	  • displayed: -1 dB
	• dB0
	  • value: 3
	  • displayed: 0 dB
	• dB1
	  • value: 4
	  • displayed: 1 dB
	• dB_6
	  • value: 5
	  • displayed: -6 dB
	• dB2
	  • value: 6
	  • displayed: 2 dB
	• dB20
	  • value: 7
	  • displayed: 20 dB
	• dB_5
	  • value: 8
	  • displayed: -5 dB
	• dB3
	  • value: 9
	  • displayed: 3 dB
	• dB_4
	  • value: 10
	  • displayed: -4 dB
	• dB_10
	  • value: 11
	  • displayed: -10 dB
	• dB4
	  • value: 12
	  • displayed: 4 dB
	• dB22
	  • value: 13
	  • displayed: 22 dB
	• dB_3
	  • value: 14
	  • displayed: -3 dB
	• dB5
	  • value: 15
	  • displayed: 5 dB
	• dB6
	  • value: 16
	  • displayed: 6 dB
	• dB_8
	  • value: 17
	  • displayed: -8 dB
	• dB8
	  • value: 18
	  • displayed: 8 dB

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Name	Value

Type (continued)	• dB14
	  • value: 19
	  • displayed: 14 dB
	• dB_12
	  • value: 20
	  • displayed: -12 dB
	• dB16
	  • value: 21
	  • displayed: 16 dB
	• dB_14
	  • value: 22
	  • displayed: -14 dB
	• dB_20
	  • value: 23
	  • displayed: -20 dB
	• dB18
	  • value: 24
	  • displayed: 18 dB
	• dB_16
	  • value: 25
	  • displayed: -16 dB
	• dB_22
	  • value: 26
	  • displayed: -22 dB
	• dB_18
	  • value: 27
	  • displayed: -18 dB
	• spare
	  • value: 28
	  • displayed: Spare
	• dB10
	  • value: 29
	  • displayed: 10 dB
	• dB24
	  • value: 30
	  • displayed: 24 dB
	• dB12
	  • value: 31
	  • displayed: 12 dB

Default	dB0
Units	dB
Impact	noReset
Displayed(tab/group)	offsetFreq
Note: The value of this parameter can be unset.	

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141 —MeasObjectGERAN

Table 141-1 MeasObjectGERAN parameters

Parameters	
bandIndicatorGERAN geranARFCNList id	nccPermitted offsetFreqGERAN

Table 141-2 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.

Type	• pcs1900
	  • value: 0
	  • displayed: PCS 1900
	• dcs1800
	  • value: 1
	  • displayed: DCS 1800

Impact	noReset
Displayed(tab/group)	bandIndicatorGERAN

Table 141-3 geranARFCNList

Name	Value
Description	This attribute corresponds to a list of GERAN ARFCN
Type	List (int)
Impact	noReset

Table 141-4 id

Name	Value
Description	MeasObjectGERAN identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 141-5 nccPermitted

Name	Value
Description	This field is a bitmap of NCCs for which the mobile station is permitted to report measurement
Type	string
Default	11111111
minimum	8
maximum	8
Impact	noReset
Displayed(tab/group)	nccPermitted

Table 141-6 offsetFreqGERAN

Name	Value
Description	offsetFreq is used to indicate a frequency specific offset to be applied when evaluating triggering conditions for measurement reporting. The value in dB.
Type	Integer
Default	0

(1 of 2)

Name	Value
minimum	-15
maximum	15
Units	dB
Impact	noReset
Displayed(tab/group)	offsetFreqGERAN

(2 of 2)

142 —MeasObject

Table 142-1 MeasObject parameters

Parameters	
id	measObjectId

Table 142-2 id

Name	Value
Description	MeasObject identifier
Type	Integer
access	read-create
minimum	0
maximum	31
Mandatory on create	Yes
Displayed(tab/group)	id

Table 142-3 measObjectId

Name	Value
Description	3GPP 36.331 This parameter configures the RRC IE measObjectId used to identify a measurement object configuration
Type	Integer

(1 of 2)

Name	Value
minimum	1
maximum	32
Impact	fullReset
Displayed(tab/group)	measObjectId

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143 —MeasObjectUTRA

Table 143-1 MeasObjectUTRA parameters

Parameters	
carrierFreq id	offsetFreqUTRA

Table 143-2 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.
Type	Integer
minimum	0
maximum	16383
Impact	noReset
Displayed(tab/group)	carrierFreq

Table 143-3 id

Name	Value
Description	MeasObjectUTRA identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 143-4 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.
Type	Integer
minimum	-15
maximum	15
Impact	noReset
Displayed(tab/group)	offsetFreqUTRA

144 —MeasurementIdentityConf

Table 144-1 MeasurementIdentityConf parameters

Parameters	
id measId measObjectId	measurementPurpose reportConfigId

Table 144-2 id

Name	Value
Description	MeasurementIdentityConf identifier
Type	Integer
access	read-create
minimum	0
maximum	47
Mandatory on create	Yes
Displayed(tab/group)	id

Table 144-3 measId

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE measId used to identify a measurement configuration in the UE
Type	Integer
minimum	1
maximum	32
Impact	fullReset
Displayed(tab/group)	measId

Table 144-4 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
Type	string
Impact	noReset
Displayed(tab/group)	measObjectId

Table 144-5 measurementPurpose

Name	Value
Description	This parameter configures the purpose of this measurement reporting.

Type	• Blind_Redirection_To_3GPP_RAT_Or_PS_Handover_To_UTRA_FDD
	  • value: 0
	  • displayed: Blind Redirection To 3GPP RAT Or PS Handover To UTRAN FDD
	• Meas_Redirection_Or_PS_Handover_To_UTRA_FDD
	  • value: 1
	  • displayed: Measurement Redirection Or PS Handover To UTRAN FDD
	• Intra_frequency_handover_trigger
	  • value: 2
	  • displayed: Intra-frequency Handover Trigger
	• Meas_Redirection_To_UTRA_FDD
	  • value: 3
	  • displayed: Measurement Redirection To UTRAN FDD
	• Meas_Redirection_To_GERAN
	  • value: 4
	  • displayed: Measurement Redirection To GERAN
	• Automatic_Neighbour_Relation
	  • value: 5
	  • displayed: Automatic Neighbour Relation

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Name	Value

Type (continued)	• Meas_Redirection_To_UTRA_TDD
	  • value: 6
	  • displayed: Measurement Redirection To UTRAN TDD
	• Blind_Redirection_To_3GPP_RAT
	  • value: 7
	  • displayed: Blind Redirection To 3GPP RAT
	• Blind_PS_Handover_To_UTRA_FDD
	  • value: 8
	  • displayed: Blind PS Handover To UTRAN FDD
	• Deactivation_Of_Measurement_Gap
	  • value: 9
	  • displayed: Deactivation Of Measurement Gap
	• Meas_PS_Handover_To_UTRA_FDD
	  • value: 10
	  • displayed: Measurement PS Handover To UTRAN FDD
	• Activation_Of_Measurement_Gap
	  • value: 11
	  • displayed: Activation Of Measurement Gap
	• Meas_CellChangeOrder_To_GERAN
	  • value: 12
	  • displayed: Measurement Cell Change Order To GERAN
	• Report_CGI
	  • value: 13
	  • displayed: Report CGI
	• Redirection_to_HRPD_via_Event_A2
	  • value: 14
	  • displayed: Redirection to HRPD via Event A2
	• Meas_Redirection_Or_CellChangeOrder_To_GERAN
	  • value: 15
	  • displayed: Measurement Redirection Or Cell Change Order To GERAN
	• Inter_frequency_handover_trigger
	  • value: 16
	  • displayed: Inter Frequency Handover Trigger
	• Blind_Redirection_To_Inter_Freq
	  • value: 17
	  • displayed: Blind Redirection To Inter Freq
	• Blind_PS_Handover_To_UTRA_TDD
	  • value: 18
	  • displayed: Blind PS Handover To UTRAN TDD
	• Blind_Redirection_To_3GPP_RAT_Or_PS_Handover_To_UTRA_TDD
	  • value: 19
	  • displayed: Blind Redirection To 3GPP RAT Or PS Handover To UTRAN TDD
	• Meas_PS_Handover_To_UTRA_TDD
	  • value: 20
	  • displayed: Measurement PS Handover To UTRAN TDD
	• Meas_Redirection_Or_PS_Handover_To_UTRA_TDD
	  • value: 21
	  • displayed: Measurement Redirection Or PS Handover To UTRAN TDD
	• Mobility_Intra_Freq
	  • value: 22
	  • displayed: Mobility Intra-Frequency
	• Mobility_Inter_RAT_to_HRPD
	  • value: 23
	  • displayed: Mobility Inter-RAT to HRPD

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Name	Value

Type (continued)	• Automatic_Neighbor_Relation
	  • value: 24
	  • displayed: Automatic Neighbor Relation
	• Leaving_Coverage_Alarm
	  • value: 25
	  • displayed: Leaving Coverage Alarm
	• Entering_Coverage_Alarm
	  • value: 26
	  • displayed: Entering Coverage Alarm
	• Below_Serving_Floor
	  • value: 27
	  • displayed: Below Serving Floor
	• Mobility_Inter_RAT_to_UTRA
	  • value: 28
	  • displayed: Mobility Inter-RAT to UTRAN
	• Mobility_Inter_RAT_to_GERAN
	  • value: 29
	  • displayed: Mobility Inter-RAT to GERAN
	• Mobility_Inter_Freq_to_EUTRA
	  • value: 30
	  • displayed: Mobility Inter-Frequency to EUTRAN

Impact	noReset
Displayed(tab/group)	measurementPurpose

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Table 144-6 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
Type	string
Impact	noReset
Displayed(tab/group)	reportConfigId

145 —MimoConfiguration

Table 145-1 id

Name	Value
Description	MimoConfiguration identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

146 —MmeAccessGroup

Table 146-1 id

Name	Value
Description	MmeAccessGroup identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

147 —MmeAccess

Table 147-1 MmeAccess parameters

Parameters	
administrativeState defaultS1TimeToWait id priority	rdnId remoteIpAddress remoteIpAddressType

Table 147-2 administrativeState

Name	Value

Type	• locked
	  • value: 0
	  • displayed: Locked
	• unlocked
	  • value: 1
	  • displayed: Unlocked
	• shuttingdown
	  • value: 2
	  • displayed: Shutting Down

Displayed(tab/group)	Administrative State (States)

Table 147-3 defaultS1TimeToWait

Name	Value
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)

Type	• v60s
	  • value: 0
	  • displayed: V 60 s
	• v1s
	  • value: 1
	  • displayed: V 1 s
	• v10s
	  • value: 2
	  • displayed: V 10 s
	• v5s
	  • value: 3
	  • displayed: V 5 s
	• v20s
	  • value: 4
	  • displayed: V 20 s
	• v2s
	  • value: 5
	  • displayed: V 2 s

Default	v20s
Units	s
Impact	fullReset
Displayed(tab/group)	defaultS1TimeToWait

Table 147-4 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
Type	string
access	read-create
minimum	1
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	id

Table 147-5 priority

Name	Value
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.

Type	• primary
	  • value: 0
	  • displayed: Primary
	• secondary
	  • value: 1
	  • displayed: Secondary

Default	primary
Impact	noReset
Displayed(tab/group)	priority

Table 147-6 rdnId

Name	Value
Description	RDN of the MmeAccess object instance
Type	Integer
access	read-create
minimum	0
maximum	15
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 147-7 remoteIpAddress

Name	Value
Type	InetAddress
access	read-create
Default	0.0.0.0
Displayed(tab/group)	Remote IP Address

Table 147-8 remoteIpAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4

148 —MmeQosConf

Table 148-1 MmeQosConf parameters

Parameters	
dscpForMme id	vLanPriority

Table 148-2 dscpForMme

Name	Value
Description	Diffserv Code Point value to be used for MME SCTP traffic.

Type	• AF13
	  • value: 0
	  • displayed: AF 13
	• AF22
	  • value: 1
	  • displayed: AF 22
	• AF31
	  • value: 2
	  • displayed: AF 31
	• AF12
	  • value: 3
	  • displayed: AF 12
	• AF21
	  • value: 4
	  • displayed: AF 21
	• AF11
	  • value: 5
	  • displayed: AF 11

(1 of 2)

Name	Value

Type (continued)	• AF42
	  • value: 6
	  • displayed: AF 42
	• AF23
	  • value: 7
	  • displayed: AF 23
	• AF41
	  • value: 8
	  • displayed: AF 41
	• AF43
	  • value: 9
	  • displayed: AF 43
	• AF33
	  • value: 10
	  • displayed: AF 33
	• BE
	  • value: 11
	  • displayed: BE
	• AF32
	  • value: 12
	  • displayed: AF 32
	• EF
	  • value: 13
	  • displayed: EF

Default	AF41
Impact	fullReset
Displayed(tab/group)	dscpForMme
Note: The value of this parameter can be unset.	

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Table 148-3 id

Name	Value
Description	MmeQosConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 148-4 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.
Type	Integer
minimum	0
maximum	7
Impact	fullReset
Displayed(tab/group)	vLanPriority
Note: The value of this parameter can be unset.	

149 —MmeSctpLayerConf

Table 149-1 MmeSctpLayerConf parameters

Parameters	
id	sctpAccessLinkFailureRetryInterval
sctpAccessAssociationMaxRetrans	sctpAccessMaxInitRetransmits
sctpAccessEstablishmentMaxRetries	sctpAccessPathMaxRetrans
sctpAccessEstablishmentRetryInterval	sctpAssocHeartbeatInterval
sctpAccessLinkFailureMaxRetries	

Table 149-2 id

Name	Value
Description	MmeSctpLayerConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 149-3 sctpAccessAssociationMaxRetrans

Name	Value
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.
Type	Integer
Default	10
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessAssociationMaxRetrans

Table 149-4 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.
Type	Integer
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessEstablishmentMaxRetries

Table 149-5 sctpAccessEstablishmentRetryInterval

Name	Value
Description	Defines the interval between retransmissions at SCTP association establishment.
Type	Integer
minimum	0
maximum	1048575
Units	ms
Impact	fullReset
Displayed(tab/group)	sctpAccessEstablishmentRetryInterval

Table 149-6 sctpAccessLinkFailureMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions after detection of link failure.
Type	Integer
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessLinkFailureMaxRetries

Table 149-7 sctpAccessLinkFailureRetryInterval

Name	Value
Description	Defines the interval between retransmissions after detection of link failure.
Type	Integer
minimum	0
maximum	1048575
Units	ms
Impact	fullReset
Displayed(tab/group)	sctpAccessLinkFailureRetryInterval

Table 149-8 sctpAccessMaxInitRetransmits

Name	Value
Description	This parameter defines the maximum number of retransmissions of the INIT message at SCTP association establishment.
Type	Integer
Default	8
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessMaxInitRetransmits

Table 149-9 sctpAccessPathMaxRetrans

Name	Value
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.
Type	Integer
Default	5
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessPathMaxRetrans

Table 149-10 sctpAssocHeartbeatInterval

Name	Value
Description	Heartbeat Interval timer value for the SCTP entities.
Type	Integer
Default	30000
minimum	0
maximum	1048575
Units	ms
Impact	fullReset
Displayed(tab/group)	sctpAssocHeartbeatInterval

150 —MmeTransportLayerAccess

Table 150-1 MmeTransportLayerAccess parameters

Parameters	
id mmeQosConfId mmeSctpLayerConfId sctpAssocLocalPort	sctpAssocRemAddr sctpAssocRemAddrIpv6 sctpAssocRemPort

Table 150-2 id

Name	Value
Description	MmeTransportLayerAccess identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 150-3 mmeQosConfId

Name	Value
Description	ID of the associated MmeQosConf object.
Type	string
access	read-create
Mandatory on create	Yes
Impact	fullReset

Table 150-4 mmeSctpLayerConfId

Name	Value
Description	ID of the associated MmeSctpLayerConf object.
Type	string
access	read-create
Mandatory on create	Yes
Impact	fullReset

Table 150-5 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.
Type	Integer
minimum	0
maximum	65000
Impact	fullReset
Displayed(tab/group)	sctpAssocLocalPort

Table 150-6 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
Type	List (String)
Impact	fullReset

Table 150-7 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.
Type	List (String)
Impact	fullReset

Table 150-8 sctpAssocRemPort

Name	Value
Description	Association remote port number on MME/neighbour eNodeB for this SCTP association
Type	Integer
minimum	1
maximum	65000
Impact	fullReset
Displayed(tab/group)	sctpAssocRemPort

151 —MobileNodeRegion

Table 151-1 MobileNodeRegion parameters

Parameters	
id mcc	mnc regionString

Table 151-2 id

Name	Value
Type	Long integer
access	read-create
Default	0
minimum	1
maximum	1024
Displayed(tab/group)	Region ID

Table 151-3 mcc

Name	Value
Description	MCC is the Mobile Country Code. http://en.wikipedia.org/wiki/Mobile_Country_Code

Type	• default
	  • value: 0
	  • displayed: 0 - Default
	  • not selectable
	• select
	  • value: 1
	  • displayed: Select Mobile Country Code
	  • not selectable
	• gr
	  • value: 202
	  • displayed: 202 - Greece
	• nl
	  • value: 204
	  • displayed: 204 - Netherlands
	• be
	  • value: 206
	  • displayed: 206 - Belgium
	• fr
	  • value: 208
	  • displayed: 208 - France
	• mc
	  • value: 212
	  • displayed: 212 - Monaco
	• ad
	  • value: 213
	  • displayed: 213 - Andorra
	• es
	  • value: 214
	  • displayed: 214 - Spain
	• hu
	  • value: 216
	  • displayed: 216 - Hungary
	• ba
	  • value: 218
	  • displayed: 218 - Bosnia and Herzegovina
	• hr
	  • value: 219
	  • displayed: 219 - Croatia
	• rs
	  • value: 220
	  • displayed: 220 - Serbia (Republic of)
	• it
	  • value: 222
	  • displayed: 222 - Italy
	• va
	  • value: 225
	  • displayed: 225 - Vatican City State
	• ro
	  • value: 226
	  • displayed: 226 - Romania

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Name	Value

Type (continued)	• ch
	  • value: 228
	  • displayed: 228 - Switzerland
	• cz
	  • value: 230
	  • displayed: 230 - Czech Republic
	• sk
	  • value: 231
	  • displayed: 231 - Slovakia
	• at
	  • value: 232
	  • displayed: 232 - Austria
	• gb2
	  • value: 234
	  • displayed: 234 - United Kingdom (2)
	• gb1
	  • value: 235
	  • displayed: 235 - United Kingdom (1)
	• dk
	  • value: 238
	  • displayed: 238 - Denmark
	• se
	  • value: 240
	  • displayed: 240 - Sweden
	• no
	  • value: 242
	  • displayed: 242 - Norway
	• fi
	  • value: 244
	  • displayed: 244 - Finland
	• lt
	  • value: 246
	  • displayed: 246 - Lithuania
	• lv
	  • value: 247
	  • displayed: 247 - Latvia
	• ee
	  • value: 248
	  • displayed: 248 - Estonia
	• ru
	  • value: 250
	  • displayed: 250 - Russian Federation
	• ua
	  • value: 255
	  • displayed: 255 - Ukraine
	• by
	  • value: 257
	  • displayed: 257 - Belarus
	• md
	  • value: 259
	  • displayed: 259 - Moldova
	• pl
	  • value: 260
	  • displayed: 260 - Poland

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Name	Value

Type (continued)	• de
	  • value: 262
	  • displayed: 262 - Germany
	• gi
	  • value: 266
	  • displayed: 266 - Gibraltar (UK)
	• pt
	  • value: 268
	  • displayed: 268 - Portugal
	• lu
	  • value: 270
	  • displayed: 270 - Luxembourg
	• ie
	  • value: 272
	  • displayed: 272 - Ireland
	• is
	  • value: 274
	  • displayed: 274 - Iceland
	• al
	  • value: 276
	  • displayed: 276 - Albania
	• mt
	  • value: 278
	  • displayed: 278 - Malta
	• cy
	  • value: 280
	  • displayed: 280 - Cyprus
	• ge
	  • value: 282
	  • displayed: 282 - Georgia
	• am
	  • value: 283
	  • displayed: 283 - Armenia
	• bg
	  • value: 284
	  • displayed: 284 - Bulgaria
	• tr
	  • value: 286
	  • displayed: 286 - Turkey
	• fo
	  • value: 288
	  • displayed: 288 - Faroe Islands (Denmark)
	• ak
	  • value: 289
	  • displayed: 289 - Abkhazia (Georgia)
	• gl
	  • value: 290
	  • displayed: 290 - Greenland (Denmark)
	• sm
	  • value: 292
	  • displayed: 292 - San Marino
	• si
	  • value: 293
	  • displayed: 293 - Slovenia

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Name	Value

Type (continued)	• mk
	  • value: 294
	  • displayed: 294 - Republic of Macedonia
	• li
	  • value: 295
	  • displayed: 295 - Liechtenstein
	• me
	  • value: 297
	  • displayed: 297 - Montenegro (Republic of)
	• ca
	  • value: 302
	  • displayed: 302 - Canada
	• pm
	  • value: 308
	  • displayed: 308 - Saint Pierre et Miquelon (France)
	• us1
	  • value: 310
	  • displayed: 310 - United States of America (1)
	• us2
	  • value: 311
	  • displayed: 311 - United States of America (2)
	• us3
	  • value: 312
	  • displayed: 312 - United States of America (3)
	• us4
	  • value: 313
	  • displayed: 313 - United States of America (4)
	• us5
	  • value: 314
	  • displayed: 314 - United States of America (5)
	• us6
	  • value: 315
	  • displayed: 315 - United States of America (6)
	• us7
	  • value: 316
	  • displayed: 316 - United States of America (7)
	• pr
	  • value: 330
	  • displayed: 330 - Puerto Rico (US)
	• vi
	  • value: 332
	  • displayed: 332 - United States Virgin Islands (US)
	• mx
	  • value: 334
	  • displayed: 334 - Mexico
	• jm
	  • value: 338
	  • displayed: 338 - Jamaica
	• gp
	  • value: 340
	  • displayed: 340 - Guadeloupe et Martinique (France)
	• bb
	  • value: 342
	  • displayed: 342 - Barbados

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Name	Value

Type (continued)	• ag
	  • value: 344
	  • displayed: 344 - Antigua and Barbuda
	• ky
	  • value: 346
	  • displayed: 346 - Cayman Islands (UK)
	• vg
	  • value: 348
	  • displayed: 348 - British Virgin Islands (UK)
	• bm
	  • value: 350
	  • displayed: 350 - Bermuda (UK)
	• gd
	  • value: 352
	  • displayed: 353 - Grenada
	• ms
	  • value: 354
	  • displayed: 354 - Montserrat (UK)
	• kn
	  • value: 356
	  • displayed: 356 - Saint Kitts and Nevis
	• lc
	  • value: 358
	  • displayed: 358 - Saint Lucia
	• vc
	  • value: 360
	  • displayed: 360 - Saint Vincent and the Grenadines
	• an
	  • value: 362
	  • displayed: 362 - Netherlands Antilles (Netherlands)
	• aw
	  • value: 363
	  • displayed: 363 - Aruba (Netherlands)
	• bs
	  • value: 364
	  • displayed: 364 - Bahamas
	• ai
	  • value: 365
	  • displayed: 365 - Anguilla
	• dm
	  • value: 366
	  • displayed: 366 - Dominica
	• cu
	  • value: 368
	  • displayed: 368 - Cuba
	• do
	  • value: 370
	  • displayed: 370 - Dominican Republic
	• ht
	  • value: 372
	  • displayed: 372 - Haiti
	• tt
	  • value: 374
	  • displayed: 374 - Trinidad and Tobago

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Name	Value

Type (continued)	• tc
	  • value: 376
	  • displayed: 376 - Turks and Caicos Islands (UK)
	• az
	  • value: 400
	  • displayed: 400 - Azerbaijani Republic
	• kz
	  • value: 401
	  • displayed: 401 - Kazakhstan
	• bt
	  • value: 402
	  • displayed: 402 - Bhutan
	• in1
	  • value: 404
	  • displayed: 404 - India (1)
	• in2
	  • value: 405
	  • displayed: 405 - India (2)
	• pk
	  • value: 410
	  • displayed: 410 - Pakistan
	• af
	  • value: 412
	  • displayed: 412 - Afghanistan
	• lk
	  • value: 413
	  • displayed: 413 - Sri Lanka
	• mm
	  • value: 414
	  • displayed: 414 - Myanmar
	• lb
	  • value: 415
	  • displayed: 415 - Lebanon
	• jo
	  • value: 416
	  • displayed: 416 - Jordan
	• sy
	  • value: 417
	  • displayed: 417 - Syria
	• iq
	  • value: 418
	  • displayed: 418 - Iraq
	• kw
	  • value: 419
	  • displayed: 419 - Kuwait
	• sa
	  • value: 420
	  • displayed: 420 - Saudi Arabia
	• ye
	  • value: 421
	  • displayed: 421 - Yemen
	• om
	  • value: 422
	  • displayed: 422 - Oman

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Name	Value

Type (continued)	• ps
	  • value: 423
	  • displayed: 423 - Palestine
	• ae1
	  • value: 424
	  • displayed: 424 - United Arab Emirates
	• il
	  • value: 425
	  • displayed: 425 - Israel
	• bh
	  • value: 426
	  • displayed: 426 - Bahrain
	• qa
	  • value: 427
	  • displayed: 427 - Qatar
	• mn
	  • value: 428
	  • displayed: 428 - Mongolia
	• np
	  • value: 429
	  • displayed: 429 - Nepal
	• ae2
	  • value: 430
	  • displayed: 430 - United Arab Emirates (Abu Dhabi)
	• ae3
	  • value: 431
	  • displayed: 431 - United Arab Emirates (Dubai)
	• ir
	  • value: 432
	  • displayed: 432 - Iran
	• uz
	  • value: 434
	  • displayed: 434 - Uzbekistan
	• tj
	  • value: 436
	  • displayed: 436 - Tajikistan
	• kg
	  • value: 437
	  • displayed: 437 - Kyrgyz Republic
	• tm
	  • value: 438
	  • displayed: 438 - Turkmenistan
	• jp2
	  • value: 440
	  • displayed: 440 - Japan (2)
	• jp1
	  • value: 441
	  • displayed: 441 - Japan (1)
	• kr
	  • value: 450
	  • displayed: 450 - Korea, South
	• vn
	  • value: 452
	  • displayed: 452 - Viet Nam

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Name	Value

Type (continued)	• hk
	  • value: 454
	  • displayed: 454 - Hong Kong (PRC)
	• mo
	  • value: 455
	  • displayed: 455 - Macau (PRC)
	• kh
	  • value: 456
	  • displayed: 456 - Cambodia
	• la
	  • value: 457
	  • displayed: 457 - Laos
	• cn
	  • value: 460
	  • displayed: 460 - China
	• tw
	  • value: 466
	  • displayed: 466 - Taiwan
	• kp
	  • value: 467
	  • displayed: 467 - Korea, North
	• bd
	  • value: 470
	  • displayed: 470 - Bangladesh
	• mv
	  • value: 472
	  • displayed: 472 - Maldives
	• my
	  • value: 502
	  • displayed: 502 - Malaysia
	• au
	  • value: 505
	  • displayed: 505 - Australia
	• id
	  • value: 510
	  • displayed: 510 - Indonesia
	• tl
	  • value: 514
	  • displayed: 514 - East Timor
	• ph
	  • value: 515
	  • displayed: 515 - Philippines
	• th
	  • value: 520
	  • displayed: 520 - Thailand
	• sg
	  • value: 525
	  • displayed: 525 - Singapore
	• bn
	  • value: 528
	  • displayed: 528 - Brunei Darussalam
	• nz
	  • value: 530
	  • displayed: 530 - New Zealand

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Name	Value

Type (continued)	• mp
	  • value: 534
	  • displayed: 534 - Northern Mariana Islands (US)
	• gu
	  • value: 535
	  • displayed: 535 - Guam (US)
	• nr
	  • value: 536
	  • displayed: 536 - Nauru
	• pg
	  • value: 537
	  • displayed: 537 - Papua New Guinea
	• to
	  • value: 539
	  • displayed: 539 - Tonga
	• sb
	  • value: 540
	  • displayed: 540 - Solomon Islands
	• vu
	  • value: 541
	  • displayed: 541 - Vanuatu
	• fj
	  • value: 542
	  • displayed: 542 - Fiji
	• wf
	  • value: 543
	  • displayed: 543 - Wallis et Futuna (France)
	• as
	  • value: 544
	  • displayed: 544 - American Samoa (US)
	• ki
	  • value: 545
	  • displayed: 545 - Kiribati
	• nc
	  • value: 546
	  • displayed: 546 - New Caledonia (France)
	• pf
	  • value: 547
	  • displayed: 547 - French Polynesia (France)
	• ck
	  • value: 548
	  • displayed: 548 - Cook Islands (NZ)
	• ws
	  • value: 549
	  • displayed: 549 - Samoa
	• fm
	  • value: 550
	  • displayed: 550 - Federated States of Micronesia
	• mh
	  • value: 551
	  • displayed: 551 - Marshall Islands
	• pw
	  • value: 552
	  • displayed: 552 - Palau

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Name	Value

Type (continued)	• eg
	  • value: 602
	  • displayed: 602 - Egypt
	• dz
	  • value: 603
	  • displayed: 603 - Algeria
	• ma
	  • value: 604
	  • displayed: 604 - Morocco
	• tn
	  • value: 605
	  • displayed: 605 - Tunisia
	• ly
	  • value: 606
	  • displayed: 606 - Libya
	• gm
	  • value: 607
	  • displayed: 607 - Gambia
	• sn
	  • value: 608
	  • displayed: 608 - Senegal
	• mr
	  • value: 609
	  • displayed: 609 - Mauritania
	• ml
	  • value: 610
	  • displayed: 610 - Mali
	• gn
	  • value: 611
	  • displayed: 611 - Guinea
	• ci
	  • value: 612
	  • displayed: 612 - Cote d'Ivoire
	• bf
	  • value: 613
	  • displayed: 613 - Burkina Faso
	• ne
	  • value: 614
	  • displayed: 614 - Niger
	• tg
	  • value: 615
	  • displayed: 615 - Togolese Republic
	• bj
	  • value: 616
	  • displayed: 616 - Benin
	• mu
	  • value: 617
	  • displayed: 617 - Mauritius
	• lr
	  • value: 618
	  • displayed: 618 - Liberia
	• sl
	  • value: 619
	  • displayed: 619 - Sierra Leone

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Name	Value

Type (continued)	• gh
	  • value: 620
	  • displayed: 620 - Ghana
	• ng
	  • value: 621
	  • displayed: 621 - Nigeria
	• td
	  • value: 622
	  • displayed: 622 - Chad
	• cf
	  • value: 623
	  • displayed: 623 - Central African Republic
	• cm
	  • value: 624
	  • displayed: 624 - Cameroon
	• cv
	  • value: 625
	  • displayed: 625 - Cape Verde
	• st
	  • value: 626
	  • displayed: 626 - Sao Tome and Principe
	• gq
	  • value: 627
	  • displayed: 627 - Equatorial Guinea
	• ga
	  • value: 628
	  • displayed: 628 - Gabonese Republic
	• cg
	  • value: 629
	  • displayed: 629 - Republic of the Congo
	• cd
	  • value: 630
	  • displayed: 630 - Democratic Republic of the Congo
	• ao
	  • value: 631
	  • displayed: 631 - Angola
	• gw
	  • value: 632
	  • displayed: 632 - Guinea-Bissau
	• sc
	  • value: 633
	  • displayed: 633 - Seychelles
	• sd
	  • value: 634
	  • displayed: 634 - Sudan
	• rw
	  • value: 635
	  • displayed: 635 - Rwandese Republic
	• et
	  • value: 636
	  • displayed: 636 - Ethiopia
	• so
	  • value: 637
	  • displayed: 637 - Somalia

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Name	Value

Type (continued)	• dj
	  • value: 638
	  • displayed: 638 - Djibouti
	• ke
	  • value: 639
	  • displayed: 639 - Kenya
	• tz
	  • value: 640
	  • displayed: 640 - Tanzania
	• ug
	  • value: 641
	  • displayed: 641 - Uganda
	• bi
	  • value: 642
	  • displayed: 642 - Burundi
	• mz
	  • value: 643
	  • displayed: 643 - Mozambique
	• zm
	  • value: 645
	  • displayed: 645 - Zambia
	• mg
	  • value: 646
	  • displayed: 646 - Madagascar
	• re
	  • value: 647
	  • displayed: 647 - Reunion (France)
	• zw
	  • value: 648
	  • displayed: 648 - Zimbabwe
	• na
	  • value: 649
	  • displayed: 649 - Namibia
	• mw
	  • value: 650
	  • displayed: 650 - Malawi
	• ls
	  • value: 651
	  • displayed: 651 - Lesotho
	• bw
	  • value: 652
	  • displayed: 652 - Botswana
	• sz
	  • value: 653
	  • displayed: 653 - Swaziland
	• km
	  • value: 654
	  • displayed: 654 - Comoros
	• za
	  • value: 655
	  • displayed: 655 - South Africa
	• er
	  • value: 657
	  • displayed: 657 - Eritrea

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Name	Value

Type (continued)	• bz
	  • value: 702
	  • displayed: 702 - Belize
	• gt
	  • value: 704
	  • displayed: 704 - Guatemala
	• sv
	  • value: 706
	  • displayed: 706 - El Salvador
	• hn
	  • value: 708
	  • displayed: 708 - Honduras
	• ni
	  • value: 710
	  • displayed: 710 - Nicaragua
	• cr
	  • value: 712
	  • displayed: 712 - Costa Rica
	• pa
	  • value: 714
	  • displayed: 714 - Panama
	• pe
	  • value: 716
	  • displayed: 716 - Peru
	• ar
	  • value: 722
	  • displayed: 722 - Argentine Republic
	• br
	  • value: 724
	  • displayed: 724 - Brazil
	• cl
	  • value: 730
	  • displayed: 730 - Chile
	• co
	  • value: 732
	  • displayed: 732 - Colombia
	• ve
	  • value: 734
	  • displayed: 734 - Venezuela
	• bo
	  • value: 736
	  • displayed: 736 - Bolivia
	• gy
	  • value: 738
	  • displayed: 738 - Guyana
	• ec
	  • value: 740
	  • displayed: 740 - Ecuador
	• gf
	  • value: 742
	  • displayed: 742 - French Guiana (France)
	• py
	  • value: 744
	  • displayed: 744 - Paraguay

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Name	Value

Type (continued)	• sr
	  • value: 746
	  • displayed: 746 - Suriname
	• uy
	  • value: 748
	  • displayed: 748 - Uruguay
	• fk
	  • value: 750
	  • displayed: 750 - Falkland Islands (Malvinas)

access	read-create
Default	0
Displayed(tab/group)	Mobile Country Code

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Table 151-4 mnc

Name	Value
Description	MNC is the Mobile Network Code. http://en.wikipedia.org/wiki/Mobile_Network_Code
Type	string
access	read-create
Default	00
Displayed(tab/group)	Mobile Network Code

Table 151-5 regionString

Name	Value
Description	RegionString is a string of up to 10 chars.
Type	string
access	read-create
Default	Default
minimum	1
maximum	10
Displayed(tab/group)	Region Name

152 —MobilityPriorityTable

Table 152-1 MobilityPriorityTable parameters

Parameters	
defaultConnectedPriorityOfFreq	id

Table 152-2 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".

Type	• service_not_allowed_in_RAT_carrier
	  • value: 0
	  • displayed: Service Not Allowed In RAT Carrier
	• 0_lowest
	  • value: 1
	  • displayed: 0-lowest
	• 1
	  • value: 2
	  • displayed: 1
	• 2
	  • value: 3
	  • displayed: 2
	• 3
	  • value: 4
	  • displayed: 3

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Name	Value

Type (continued)	• 4
	  • value: 5
	  • displayed: 4
	• 5
	  • value: 6
	  • displayed: 5
	• 6
	  • value: 7
	  • displayed: 6
	• 7
	  • value: 8
	  • displayed: 7

Impact	noReset
Displayed(tab/group)	defaultConnectedPriorityOfFreq
Note: The value of this parameter can be unset.	

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Table 152-3 id

Name	Value
Description	MobilityPriorityTable identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

153 —NaccTimersConf

Table 153-1 NaccTimersConf parameters

Parameters	
id timeToWaitForEnbDirectInfoTransfer tMobilityFromEutraCCO	tS1EnbDirectInfoTransferTrir ts1EnbDirectInfoTransferTrir

Table 153-2 id

Name	Value
Description	NaccTimersConf identifier
Type	Integer
access	read-create
minimum	0
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

Table 153-3 tMobilityFromEutraCCO

Name	Value
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.
Type	Integer
Default	10000
minimum	1
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	tMobilityFromEutraCCO

Table 153-4 tS1EnbDirectInfoTransferTrir

Name	Value
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.
Type	Integer
Default	3000
minimum	1
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	tS1EnbDirectInfoTransferTrir
Note: The value of this parameter can be unset.	

Table 153-5 timeToWaitForEnbDirectInfoTransfer

Name	Value
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.
Type	Integer

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Name	Value
Default	1440
minimum	1
maximum	1440
Units	min
Impact	noReset
Displayed(tab/group)	timeToWaitForEnbDirectInfoTransfer
Note: The value of this parameter can be unset.	

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Table 153-6 ts1EnbDirectInfoTransferTrir

Name	Value
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.
Type	Integer
Default	3000
minimum	1
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	Ts1EnbDirectInfoTransferTrir
Note: The value of this parameter can be unset.	

154 —NESelfConfigPolicy

Table 154-1 NESelfConfigPolicy parameters

Parameters	
checkPoints displayedName	id processFlow

Table 154-2 checkPoints

Name	Value
Description	Dictates if the self config precess should pause for user input before starting or before a stage.

Type	• none
	  • value: 0x1
	  • not selectable
	• swUpgrade
	  • value: 0x2
	  • displayed: (2) SW Upgrade
	• configDeployment
	  • value: 0x4
	  • displayed: (3) Configuration Deployment
	• adminEnable
	  • value: 0x8
	  • displayed: (4) Administrative Enable

Default	1
Displayed(tab/group)	Checkpoints Before

Table 154-3 displayedName

Name	Value
Description	The description of this policy.
Type	string
minimum	0
maximum	80
Displayed(tab/group)	Name

Table 154-4 id

Name	Value
Description	The identifier of this object, auto-assigned if not specified by the user.
Type	Integer
access	read-create
Default	0
minimum	1
maximum	3000
Displayed(tab/group)	ID

Table 154-5 processFlow

Name	Value
Description	Dictates the steps that needs to be performaned on the self config candidate node.

Type	• autoStart
	  • value: 0x1
	  • displayed: (1) Auto Start
	• swUpgrade
	  • value: 0x2
	  • displayed: (2) SW Upgrade
	• configDeployment
	  • value: 0x4
	  • displayed: (3) Configuration Deployment
	• adminEnable
	  • value: 0x8
	  • displayed: (4) Administrative Enable

Default	15
Displayed(tab/group)	Process Flow

155 —OAMInterface

Table 155-1 OAMInterface parameters

Parameters	
connectionState id ipAddress	nemPassword snmpUdpPort xmsPassword

Table 155-2 connectionState

Name	Value
Description	Represents the connection state of the link between the OMC and the eNodeB.

Type	• not_connected
	  • value: 0
	  • displayed: Not_connected
	• offline
	  • value: 1
	  • displayed: Offline
	• online
	  • value: 2
	  • displayed: Online

Default	not_connected
Displayed(tab/group)	connectionState

Table 155-3 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.
Type	Integer
access	read-create
minimum	0
maximum	10000
Mandatory on create	Yes
Displayed(tab/group)	id

Table 155-4 ipAddress

Name	Value
Description	internal XMS parameter for monitoring of the alignment with NB IP address for SNMP and SSH connection
Type	string
minimum	0
maximum	255
Displayed(tab/group)	ipAddress

Table 155-5 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.
Type	string
minimum	0
maximum	250
Displayed(tab/group)	nemPassword
Note: The value of this parameter can be unset.	

Table 155-6 snmpUdpPort

Name	Value
Description	internal XMS parameter for monitoring of the alignment with NB IP Port for SNMP connection
Type	Integer
Default	0
minimum	0
maximum	10000
Displayed(tab/group)	snmpUdpPort

Table 155-7 xmsPassword

Name	Value
Description	Password used by XMS to communicate with the eNodeB.This is an internal XMS parameter.
Type	string
minimum	0
maximum	250
Displayed(tab/group)	xmsPassword
Note: The value of this parameter can be unset.	

156 —OamRoutingInfoTable

Table 156-1 OamRoutingInfoTable parameters

Parameters	
oamRouteIpAddress oamRouteIpAddressType oamRoutekey	oamRouteSubnetMask oamRouteSubnetMaskType

Table 156-2 oamRouteIpAddress

Name	Value
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.
Type	InetAddress
access	read-create
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	OAM Route IP Address

Table 156-3 oamRouteIpAddressType

Name	Value
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.

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4

Table 156-4 oamRouteSubnetMask

Name	Value
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.
Type	InetAddress
access	read-create
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	OAM Route Subnet Mask

Table 156-5 oamRouteSubnetMaskType

Name	Value
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.

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4

Table 156-6 oamRoutekey

Name	Value
Description	The number of the oam route. Maximum 12 routes can be configured.
Type	Integer
access	read-create
minimum	1
maximum	12
Mandatory on create	Yes
Displayed(tab/group)	OAM Route key

157 —OAMSyncControl

Table 157-1 OAMSyncControl parameters

Parameters	
enableAutomaticConfiguration enableAutomaticUpgrade	enableOnlineConfiguration id

Table 157-2 enableAutomaticConfiguration

Name	Value
Description	Enable or disable automatic configuration
Type	boolean
Default	false
Displayed(tab/group)	enableAutomaticConfiguration

Table 157-3 enableAutomaticUpgrade

Name	Value
Description	Enable or disable automatic upgrade
Type	boolean
Default	false
Displayed(tab/group)	enableAutomaticUpgrade

Table 157-4 enableOnlineConfiguration

Name	Value
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.
Type	boolean
Default	false
Displayed(tab/group)	enableOnlineConfiguration

Table 157-5 id

Name	Value
Description	OAMSyncControl identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

158 —Obs

Table 158-1 Obs parameters

Parameters	
administrativeState id intervalsOfDay pmcGranularityPeriod	scheduleType startTime stopTime

Table 158-2 administrativeState

Name	Value
Description	This indicates if PM collector needs to get PM measurement report from eNodeB during each granularity period.

Type	• unlocked
	  • value: 0
	  • displayed: Unlocked
	• shuttingdown
	  • value: 1
	  • displayed: Shutting Down
	• locked
	  • value: 2
	  • displayed: Locked

Default	unlocked
Displayed(tab/group)	administrativeState
Note: The value of this parameter can be unset.	

Table 158-3 id

Name	Value
Description	id of the Obs object (dn)
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 158-4 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.
Type	Map (int to string)
Note: The value of this parameter can be unset.	

Table 158-5 pmcGranularityPeriod

Name	Value
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.

Type	• 5minutes
	  • value: 300
	  • displayed: 5
	• 15minutes
	  • value: 900
	  • displayed: 15
	• 30minutes
	  • value: 1800
	  • displayed: 30
	• 60minutes
	  • value: 3600
	  • displayed: 60

Default	15minutes
Displayed(tab/group)	PMC Granularity Period
Note: The value of this parameter can be unset.	

Table 158-6 scheduleType

Name	Value
Description	This indicates the schedule type of PM measurement job.

Type	• none
	  • value: 0
	  • displayed: None
	• daily
	  • value: 1
	  • displayed: Daily
	• weekly
	  • value: 2
	  • displayed: Weekly

Default	none
Displayed(tab/group)	scheduleType
Note: The value of this parameter can be unset.	

Table 158-7 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)
Type	string
minimum	19
maximum	19
Displayed(tab/group)	startTime
Note: The value of this parameter can be unset.	

Table 158-8 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)
Type	string
minimum	19
maximum	19
Displayed(tab/group)	stopTime
Note: The value of this parameter can be unset.	

159 —PdcpConf

Table 159-1 PdcpConf parameters

Parameters	
dlPdcpDuplicateAvoidanceEnabled	pdcpFlowControlTimerTp
id	pdcpLosslessBufferCongestionEventTriggerProhibitTimer
pdcpDiscardTimer	pdcpPduSnSize
pdcpDlLosslessBufferLife	pdcpStatusReportEnable
pdcpDlLosslessBufferSize	pdcpUlDuplicateDetectionWindow
pdcpDlSourceFreshS1BufferSize	pdcpUlTargetBufferSize
pdcpDlTargetS1BufferSize	timerPdcpStatusReportWait
pdcpDlX2BufferSize	timerRlcEndMarker

Table 159-2 dlPdcpDuplicateAvoidanceEnabled

Name	Value
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.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	dlPdcpDuplicateAvoidanceEnabled

Table 159-3 id

Name	Value
Description	PdcpConf identifier
Type	Integer
access	read-create
minimum	0
maximum	7
Mandatory on create	Yes
Displayed(tab/group)	id

Table 159-4 pdcpDiscardTimer

Name	Value
Description	This parameter configures UEs 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.

Type	• 750ms
	  • value: 0
	  • displayed: 750 ms
	• 500ms
	  • value: 1
	  • displayed: 500 ms
	• 300ms
	  • value: 2
	  • displayed: 300 ms
	• 150ms
	  • value: 3
	  • displayed: 150 ms
	• 100ms
	  • value: 4
	  • displayed: 100 ms
	• 50ms
	  • value: 5
	  • displayed: 50 ms
	• infinity
	  • value: 6
	  • displayed: Infinity
	• 1500ms
	  • value: 7
	  • displayed: 1500 ms

Impact	noReset
Displayed(tab/group)	pdcpDiscardTimer

Table 159-5 pdcpDlLosslessBufferLife

Name	Value
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.
Type	Integer
Default	1000
minimum	0
maximum	15000
Units	ms
Impact	noReset
Displayed(tab/group)	pdcpDlLosslessBufferLife

Table 159-6 pdcpDlLosslessBufferSize

Name	Value
Description	Specifies the maximum Winpath buffer size in number of packets, for the DL PDCP lossless buffer.
Type	Integer
Default	2048
minimum	0
maximum	4096
Impact	fullReset
Displayed(tab/group)	pdcpDlLosslessBufferSize

Table 159-7 pdcpDlSourceFreshS1BufferSize

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	1000
minimum	-1
maximum	65536
Impact	fullReset
Displayed(tab/group)	pdcpDlSourceFreshS1BufferSize

Table 159-8 pdcpDlTargetS1BufferSize

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	2000
minimum	-1
maximum	65536
Impact	fullReset
Displayed(tab/group)	pdcpDlTargetS1BufferSize

Table 159-9 pdcpDlX2BufferSize

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	6000
minimum	-1
maximum	65536
Impact	fullReset
Displayed(tab/group)	pdcpDlX2BufferSize

Table 159-10 pdcpFlowControlTimerTp

Name	Value
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.
Type	Integer
Default	3000
minimum	10
maximum	30000
Units	ms
Impact	noReset
Displayed(tab/group)	pdcpFlowControlTimerTp

Table 159-11 pdcpLosslessBufferCongestionEventTriggerProhibitTimer

Name	Value
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.
Type	Integer
Default	20
minimum	1
maximum	3000
Units	ms
Impact	noReset
Displayed(tab/group)	pdcpLosslessBufferCongestionEventTriggerProhibitTimer

Table 159-12 pdcpPduSnSize

Name	Value
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.

Type	• 7
	  • value: 0
	  • displayed: 7
	• auto
	  • value: 1
	  • displayed: Auto
	• 12
	  • value: 2
	  • displayed: 12

Default	auto
Impact	noReset
Displayed(tab/group)	pdcpPduSnSize

Table 159-13 pdcpStatusReportEnable

Name	Value
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.
Type	boolean
Default	false

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	pdcpStatusReportEnable

(2 of 2)

Table 159-14 pdcpUlDuplicateDetectionWindow

Name	Value
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.
Type	Integer
Default	2048
minimum	0
maximum	4095
Impact	noReset
Displayed(tab/group)	pdcpUlDuplicateDetectionWindow

Table 159-15 pdcpUlTargetBufferSize

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	1000
minimum	-1
maximum	65536
Impact	fullReset
Displayed(tab/group)	pdcpUlTargetBufferSize

Table 159-16 timerPdcpStatusReportWait

Name	Value
Description	This parameter defines the PDCP waiting timer for UE PDCP status report. This is used by PDCP duplicate avoidance for OTA transmission option.
Type	Integer

(1 of 2)

Name	Value
Default	50
minimum	1
maximum	1500
Units	ms
Impact	noReset
Displayed(tab/group)	timerPdcpStatusReportWait

(2 of 2)

Table 159-17 timerRlcEndMarker

Name	Value
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.
Type	Integer
Default	15
minimum	1
maximum	100
Units	ms
Impact	noReset
Displayed(tab/group)	timerRlcEndMarker

160 —PdnApn

Table 160-1 PdnApn parameters

Parameters	
administrativeState	dhcpRlyV4GiAddrType
aggregatedDownlinkRate	dhcpRlyV6GiAddrType
aggregatedUplinkRate	dnsServerV4Addr
allowMultiplePdns	dnsServerV4AddrType
chargingReject	dnsServerV6Addr
chrgCcIgnoreAnyAdministrativeState	dnsServerV6AddrType
chrgCcIgnoreHomeAdministrativeState	ipAllocLocalPool
chrgCcIgnoreRoamingAdministrativeState	isIPAllocationHssStatic
chrgCcIgnoreVisitAdministrativeState	pcoDnsV4PriAddr
chrgProfileHomeId	pcoDnsV4SecAddr
chrgProfileHomeInherit	pcoDnsV6PriAddr
chrgProfileRoamingId	pcoDnsV6SecAddr
chrgProfileRoamingInherit	pcoNbnsV4PriAddr
chrgProfileVisitingId	pcoNbnsV4SecAddr
chrgProfileVisitingInherit	pcoPcscfV4PriAddr
dhcpProxyV4GiAddr	pcoPcscfV6PriAddr
dhcpProxyV4GiAddrType	pcrfDynamicPccAdminState
dhcpProxyV4RouterId	restrictionType
dhcpProxyV6GiAddr	selectMsProvided
dhcpProxyV6GiAddrType	selectNwProvided
dhcpProxyV6RouterId	selectSubscribed
dhcpRelayV4GiAddr	type
dhcpRelayV4RouterId	typeIpv4Supported
dhcpRelayV6GiAddr	typeIpv4v6Supported
dhcpRelayV6RouterId	typeIpv6Supported

Table 160-2 administrativeState

Name	Value

Type	• noop
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• portNoop
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• inService
	  • value: 2
	  • displayed: Up
	• portInService
	  • value: 2
	  • displayed: Up
	• outOfService
	  • value: 3
	  • displayed: Down
	• portOutOfService
	  • value: 3
	  • displayed: Down
	• diagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• portDiagnose
	  • value: 4
	  • displayed: Diagnose
	  • not selectable
	• operateSwitch
	  • value: 5
	  • displayed: Operate Switch
	  • not selectable
	• shuttingDown
	  • value: 6
	  • displayed: Shutting Down
	  • not selectable
	• notRelevant
	  • value: 7
	  • displayed: Not Relevant
	  • not selectable
	• unlocked
	  • value: 8
	  • displayed: Unlocked
	  • not selectable
	• locked
	  • value: 10
	  • displayed: Locked
	  • not selectable

Default	outOfService
Displayed(tab/group)	Administrative State (/States)

Table 160-3 aggregatedDownlinkRate

Name	Value
Type	Integer
Default	0
minimum	0
maximum	100000
Units	kbps
Displayed(tab/group)	Aggregated Downlink Rate

Table 160-4 aggregatedUplinkRate

Name	Value
Type	Integer
Default	0
minimum	0
maximum	100000
Units	kbps
Displayed(tab/group)	Aggregated Uplink Rate

Table 160-5 allowMultiplePdns

Name	Value
Type	boolean
Default	false
Displayed(tab/group)	Multiple PDNs allowed

Table 160-6 chargingReject

Name	Value

Type	• invalid
	  • value: 0
	  • displayed: Invalid
	  • not selectable
	• enabled
	  • value: 1
	  • displayed: Enabled

(1 of 2)

Name	Value

Type (continued)	• disabled
	  • value: 2
	  • displayed: Disabled
	• inherited
	  • value: 3
	  • displayed: Inherit

Default	disabled
Displayed(tab/group)	Charging characteristics (Charging/Ignore settings from MME and HSS)

(2 of 2)

Table 160-7 chrgCcIgnoreAnyAdministrativeState

Name	Value

Type	• invalid
	  • value: 0
	  • displayed: Invalid
	  • not selectable
	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled
	• inherited
	  • value: 3
	  • displayed: Inherit

Default	disabled
Displayed(tab/group)	All Subscribers (Charging/Ignore settings from MME and HSS)

Table 160-8 chrgCcIgnoreHomeAdministrativeState

Name	Value

Type	• invalid
	  • value: 0
	  • displayed: Invalid
	  • not selectable
	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled
	• inherited
	  • value: 3
	  • displayed: Inherit

(1 of 2)

Name	Value
Default	disabled
Displayed(tab/group)	Home Subscribers (Charging/Ignore settings from MME and HSS)

(2 of 2)

Table 160-9 chrgCcIgnoreRoamingAdministrativeState

Name	Value

Type	• invalid
	  • value: 0
	  • displayed: Invalid
	  • not selectable
	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled
	• inherited
	  • value: 3
	  • displayed: Inherit

Default	disabled
Displayed(tab/group)	Roaming Subscribers (Charging/Ignore settings from MME and HSS)

Table 160-10 chrgCcIgnoreVisitAdministrativeState

Name	Value

Type	• invalid
	  • value: 0
	  • displayed: Invalid
	  • not selectable
	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled
	• inherited
	  • value: 3
	  • displayed: Inherit

Default	disabled
Displayed(tab/group)	Visiting Subscribers (Charging/Ignore settings from MME and HSS)

Table 160-11 chrgProfileHomeId

Name	Value
Description	<B>DEPRECATED: </B>8.0R - Use chrgProfileHomePointer instead
Type	Integer

Table 160-12 chrgProfileHomeInherit

Name	Value
Type	boolean
Default	false
Displayed(tab/group)	Inherit Home Profile From Gateway (Charging/Profiles)

Table 160-13 chrgProfileRoamingId

Name	Value
Description	<B>DEPRECATED: </B>8.0R - Use chrgProfileRoamingPointer instead
Type	Integer

Table 160-14 chrgProfileRoamingInherit

Name	Value
Type	boolean
Default	false
Displayed(tab/group)	Inherit Roaming Profile From Gateway (Charging/Profiles)

Table 160-15 chrgProfileVisitingId

Name	Value
Description	<B>DEPRECATED: </B>8.0R - Use chrgProfileVisitingPointer instead
Type	Integer

Table 160-16 chrgProfileVisitingInherit

Name	Value
Type	boolean
Default	false
Displayed(tab/group)	Inherit Visiting Profile From Gateway (Charging/Profiles)

Table 160-17 dhcpProxyV4GiAddr

Name	Value
Type	InetAddress

Table 160-18 dhcpProxyV4GiAddrType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	unknown

Table 160-19 dhcpProxyV4RouterId

Name	Value
Type	Integer
Default	1

Table 160-20 dhcpProxyV6GiAddr

Name	Value
Type	InetAddress

Table 160-21 dhcpProxyV6GiAddrType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	unknown

Table 160-22 dhcpProxyV6RouterId

Name	Value
Type	Integer
Default	1

Table 160-23 dhcpRelayV4GiAddr

Name	Value
Type	InetAddress

Table 160-24 dhcpRelayV4RouterId

Name	Value
Type	Integer
Default	1

Table 160-25 dhcpRelayV6GiAddr

Name	Value
Type	InetAddress

Table 160-26 dhcpRelayV6RouterId

Name	Value
Type	Integer
Default	1

Table 160-27 dhcpRlyV4GiAddrType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	unknown

Table 160-28 dhcpRlyV6GiAddrType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	unknown

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Table 160-29 dnsServerV4Addr

Name	Value
Type	InetAddress

Table 160-30 dnsServerV4AddrType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	unknown

Table 160-31 dnsServerV6Addr

Name	Value
Type	InetAddress

Table 160-32 dnsServerV6AddrType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable

Type (continued)	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	unknown

Table 160-33 ipAllocLocalPool

Name	Value
Type	boolean
Default	true
Displayed(tab/group)	Local Pool (/IP Allocation)

Table 160-34 isIPAllocationHssStatic

Name	Value
Type	boolean

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Name	Value
Default	false
Displayed(tab/group)	Home Subscriber Server Assigned (/IP Allocation)

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Table 160-35 pcoDnsV4PriAddr

Name	Value
Type	InetAddress
Default	0.0.0.0
Displayed(tab/group)	PCO V4 Primary Address (Connectivity/Domain Name System (DNS))

Table 160-36 pcoDnsV4SecAddr

Name	Value
Type	InetAddress
Default	0.0.0.0
Displayed(tab/group)	PCO V4 Secondary Address (Connectivity/Domain Name System (DNS))

Table 160-37 pcoDnsV6PriAddr

Name	Value
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Displayed(tab/group)	PCO V6 Primary Address (Connectivity/Domain Name System (DNS))

Table 160-38 pcoDnsV6SecAddr

Name	Value
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Displayed(tab/group)	PCO V6 Secondary Address (Connectivity/Domain Name System (DNS))

Table 160-39 pcoNbnsV4PriAddr

Name	Value
Type	InetAddress
Default	0.0.0.0
Displayed(tab/group)	NBNS V4 Primary Address (Connectivity/NetBIOS Name Service (NBNS))

Table 160-40 pcoNbnsV4SecAddr

Name	Value
Type	InetAddress
Default	0.0.0.0
Displayed(tab/group)	NBNS V4 Secondary Address (Connectivity/NetBIOS Name Service (NBNS))

Table 160-41 pcoPcscfV4PriAddr

Name	Value
Type	InetAddress
Default	0.0.0.0
Displayed(tab/group)	PCSCF V4 Primary Address (Connectivity/Proxy Call Session Control Function (PCSCF))

Table 160-42 pcoPcscfV6PriAddr

Name	Value
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Displayed(tab/group)	PCSCF V6 Primary Address (Connectivity/Proxy Call Session Control Function (PCSCF))

Table 160-43 pcrfDynamicPccAdminState

Name	Value

Type	• invalid
	  • value: 0
	  • displayed: Invalid
	  • not selectable
	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled
	• inherited
	  • value: 3
	  • displayed: Inherit

Default	disabled
Displayed(tab/group)	PCRF Selection Dynamic PCC

Table 160-44 restrictionType

Name	Value

Type	• any
	  • value: 0
	  • displayed: any
	• public1
	  • value: 1
	  • displayed: public1
	• public2
	  • value: 2
	  • displayed: public2
	• private1
	  • value: 3
	  • displayed: private1
	• private2
	  • value: 4
	  • displayed: private2

Default	any
Displayed(tab/group)	Restriction Type

Table 160-45 selectMsProvided

Name	Value
Type	boolean
Default	false
Displayed(tab/group)	Mobile Station APN Selection Mode

Table 160-46 selectNwProvided

Name	Value
Type	boolean
Default	false
Displayed(tab/group)	Network APN Selection Mode

Table 160-47 selectSubscribed

Name	Value
Type	boolean
Default	true
Displayed(tab/group)	Subscribed APN Selection Mode

Table 160-48 type

Name	Value

Type	• real
	  • value: 1
	  • displayed: real

Default	real
Displayed(tab/group)	Type

Table 160-49 typeIpv4Supported

Name	Value
Type	boolean
Displayed(tab/group)	IPv4 (/PDN Type Supported)

Table 160-50 typeIpv4v6Supported

Name	Value
Type	boolean
Displayed(tab/group)	IP v4/v6 (/PDN Type Supported)

Table 160-51 typeIpv6Supported

Name	Value
Type	boolean
Displayed(tab/group)	IPv6 (/PDN Type Supported)

161 —PdnGatewayFunction

Table 161-1 PdnGatewayFunction parameters

Parameters	
description id	pgwFunction siteIdAddressType

Table 161-2 description

Name	Value
Description	Complementary information on the the PGW Interface or PGW Application object.
Type	string
minimum	0
maximum	80
Displayed(tab/group)	Description

Table 161-3 id

Name	Value
Description	Global ID for the PDNGatewayFunction (applies to both PGW Interfaces and PGW Applications).
Type	Long integer
access	read-create

(1 of 2)

Name	Value
Default	0
minimum	1
maximum	2147483647
Displayed(tab/group)	ID

(2 of 2)

Table 161-4 pgwFunction

Name	Value
Description	Type of this Function object. It can either be PGW Interface or PGW Application.

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	• sif
	  • value: 1
	  • displayed: SGW Interface
	• saf
	  • value: 2
	  • displayed: SGW Application
	• pif
	  • value: 3
	  • displayed: PGW Interface
	• paf
	  • value: 4
	  • displayed: PGW Application
	• pcrf
	  • value: 5
	  • displayed: DSC Policy and Charging Rules
	• dpa
	  • value: 6
	  • displayed: DSC Diameter Proxy Agent

access	read-create
Default	unknown
Displayed(tab/group)	PGW Function

Table 161-5 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4

(1 of 2)

Name	Value

Type (continued)	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

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162 —PDNGateway

Table 162-1 chargingNodeId

Name	Value
Description	An operator configurable identifier for the node which is used over the Rf reference point or the Ga reference point.
Type	string
minimum	0
maximum	20
Displayed(tab/group)	Node ID (Charging/Node Identifier)

163 —PeerListEntry

Table 163-1 PeerListEntry parameters

Parameters	
peerListAddr	peerListAddrType

Table 163-2 peerListAddr

Name	Value
Description	The value of peerListAddr the IP address of the peer list entry.
Type	InetAddress
access	read-create
Mandatory on create	Yes

Table 163-3 peerListAddrType

Name	Value
Description	The value of peerListAddrType specifies the type of address represented by peerListAddr.

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4

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164 —PlmnListPolicy

Table 164-1 PlmnListPolicy parameters

Parameters	
mcc	mnc

Table 164-2 mcc

Name	Value
Description	The value of mcc specifies the Mobile Country Code (MCC) of this Public Land Mobile Network (PLMN).

Type	• default
	  • value: 0
	  • displayed: 0 - Default
	  • not selectable
	• select
	  • value: 1
	  • displayed: Select Mobile Country Code
	  • not selectable
	• gr
	  • value: 202
	  • displayed: 202 - Greece
	• nl
	  • value: 204
	  • displayed: 204 - Netherlands
	• be
	  • value: 206
	  • displayed: 206 - Belgium

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Name	Value

Type (continued)	• fr
	  • value: 208
	  • displayed: 208 - France
	• mc
	  • value: 212
	  • displayed: 212 - Monaco
	• ad
	  • value: 213
	  • displayed: 213 - Andorra
	• es
	  • value: 214
	  • displayed: 214 - Spain
	• hu
	  • value: 216
	  • displayed: 216 - Hungary
	• ba
	  • value: 218
	  • displayed: 218 - Bosnia and Herzegovina
	• hr
	  • value: 219
	  • displayed: 219 - Croatia
	• rs
	  • value: 220
	  • displayed: 220 - Serbia (Republic of)
	• it
	  • value: 222
	  • displayed: 222 - Italy
	• va
	  • value: 225
	  • displayed: 225 - Vatican City State
	• ro
	  • value: 226
	  • displayed: 226 - Romania
	• ch
	  • value: 228
	  • displayed: 228 - Switzerland
	• cz
	  • value: 230
	  • displayed: 230 - Czech Republic
	• sk
	  • value: 231
	  • displayed: 231 - Slovakia
	• at
	  • value: 232
	  • displayed: 232 - Austria
	• gb2
	  • value: 234
	  • displayed: 234 - United Kingdom (2)
	• gb1
	  • value: 235
	  • displayed: 235 - United Kingdom (1)
	• dk
	  • value: 238
	  • displayed: 238 - Denmark

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Name	Value

Type (continued)	• se
	  • value: 240
	  • displayed: 240 - Sweden
	• no
	  • value: 242
	  • displayed: 242 - Norway
	• fi
	  • value: 244
	  • displayed: 244 - Finland
	• lt
	  • value: 246
	  • displayed: 246 - Lithuania
	• lv
	  • value: 247
	  • displayed: 247 - Latvia
	• ee
	  • value: 248
	  • displayed: 248 - Estonia
	• ru
	  • value: 250
	  • displayed: 250 - Russian Federation
	• ua
	  • value: 255
	  • displayed: 255 - Ukraine
	• by
	  • value: 257
	  • displayed: 257 - Belarus
	• md
	  • value: 259
	  • displayed: 259 - Moldova
	• pl
	  • value: 260
	  • displayed: 260 - Poland
	• de
	  • value: 262
	  • displayed: 262 - Germany
	• gi
	  • value: 266
	  • displayed: 266 - Gibraltar (UK)
	• pt
	  • value: 268
	  • displayed: 268 - Portugal
	• lu
	  • value: 270
	  • displayed: 270 - Luxembourg
	• ie
	  • value: 272
	  • displayed: 272 - Ireland
	• is
	  • value: 274
	  • displayed: 274 - Iceland
	• al
	  • value: 276
	  • displayed: 276 - Albania

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Name	Value

Type (continued)	• mt
	  • value: 278
	  • displayed: 278 - Malta
	• cy
	  • value: 280
	  • displayed: 280 - Cyprus
	• ge
	  • value: 282
	  • displayed: 282 - Georgia
	• am
	  • value: 283
	  • displayed: 283 - Armenia
	• bg
	  • value: 284
	  • displayed: 284 - Bulgaria
	• tr
	  • value: 286
	  • displayed: 286 - Turkey
	• fo
	  • value: 288
	  • displayed: 288 - Faroe Islands (Denmark)
	• ak
	  • value: 289
	  • displayed: 289 - Abkhazia (Georgia)
	• gl
	  • value: 290
	  • displayed: 290 - Greenland (Denmark)
	• sm
	  • value: 292
	  • displayed: 292 - San Marino
	• si
	  • value: 293
	  • displayed: 293 - Slovenia
	• mk
	  • value: 294
	  • displayed: 294 - Republic of Macedonia
	• li
	  • value: 295
	  • displayed: 295 - Liechtenstein
	• me
	  • value: 297
	  • displayed: 297 - Montenegro (Republic of)
	• ca
	  • value: 302
	  • displayed: 302 - Canada
	• pm
	  • value: 308
	  • displayed: 308 - Saint Pierre et Miquelon (France)
	• us1
	  • value: 310
	  • displayed: 310 - United States of America (1)
	• us2
	  • value: 311
	  • displayed: 311 - United States of America (2)

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Name	Value

Type (continued)	• us3
	  • value: 312
	  • displayed: 312 - United States of America (3)
	• us4
	  • value: 313
	  • displayed: 313 - United States of America (4)
	• us5
	  • value: 314
	  • displayed: 314 - United States of America (5)
	• us6
	  • value: 315
	  • displayed: 315 - United States of America (6)
	• us7
	  • value: 316
	  • displayed: 316 - United States of America (7)
	• pr
	  • value: 330
	  • displayed: 330 - Puerto Rico (US)
	• vi
	  • value: 332
	  • displayed: 332 - United States Virgin Islands (US)
	• mx
	  • value: 334
	  • displayed: 334 - Mexico
	• jm
	  • value: 338
	  • displayed: 338 - Jamaica
	• gp
	  • value: 340
	  • displayed: 340 - Guadeloupe et Martinique (France)
	• bb
	  • value: 342
	  • displayed: 342 - Barbados
	• ag
	  • value: 344
	  • displayed: 344 - Antigua and Barbuda
	• ky
	  • value: 346
	  • displayed: 346 - Cayman Islands (UK)
	• vg
	  • value: 348
	  • displayed: 348 - British Virgin Islands (UK)
	• bm
	  • value: 350
	  • displayed: 350 - Bermuda (UK)
	• gd
	  • value: 352
	  • displayed: 353 - Grenada
	• ms
	  • value: 354
	  • displayed: 354 - Montserrat (UK)
	• kn
	  • value: 356
	  • displayed: 356 - Saint Kitts and Nevis

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Name	Value

Type (continued)	• lc
	  • value: 358
	  • displayed: 358 - Saint Lucia
	• vc
	  • value: 360
	  • displayed: 360 - Saint Vincent and the Grenadines
	• an
	  • value: 362
	  • displayed: 362 - Netherlands Antilles (Netherlands)
	• aw
	  • value: 363
	  • displayed: 363 - Aruba (Netherlands)
	• bs
	  • value: 364
	  • displayed: 364 - Bahamas
	• ai
	  • value: 365
	  • displayed: 365 - Anguilla
	• dm
	  • value: 366
	  • displayed: 366 - Dominica
	• cu
	  • value: 368
	  • displayed: 368 - Cuba
	• do
	  • value: 370
	  • displayed: 370 - Dominican Republic
	• ht
	  • value: 372
	  • displayed: 372 - Haiti
	• tt
	  • value: 374
	  • displayed: 374 - Trinidad and Tobago
	• tc
	  • value: 376
	  • displayed: 376 - Turks and Caicos Islands (UK)
	• az
	  • value: 400
	  • displayed: 400 - Azerbaijani Republic
	• kz
	  • value: 401
	  • displayed: 401 - Kazakhstan
	• bt
	  • value: 402
	  • displayed: 402 - Bhutan
	• in1
	  • value: 404
	  • displayed: 404 - India (1)
	• in2
	  • value: 405
	  • displayed: 405 - India (2)
	• pk
	  • value: 410
	  • displayed: 410 - Pakistan

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Name	Value

Type (continued)	• af
	  • value: 412
	  • displayed: 412 - Afghanistan
	• lk
	  • value: 413
	  • displayed: 413 - Sri Lanka
	• mm
	  • value: 414
	  • displayed: 414 - Myanmar
	• lb
	  • value: 415
	  • displayed: 415 - Lebanon
	• jo
	  • value: 416
	  • displayed: 416 - Jordan
	• sy
	  • value: 417
	  • displayed: 417 - Syria
	• iq
	  • value: 418
	  • displayed: 418 - Iraq
	• kw
	  • value: 419
	  • displayed: 419 - Kuwait
	• sa
	  • value: 420
	  • displayed: 420 - Saudi Arabia
	• ye
	  • value: 421
	  • displayed: 421 - Yemen
	• om
	  • value: 422
	  • displayed: 422 - Oman
	• ps
	  • value: 423
	  • displayed: 423 - Palestine
	• ae1
	  • value: 424
	  • displayed: 424 - United Arab Emirates
	• il
	  • value: 425
	  • displayed: 425 - Israel
	• bh
	  • value: 426
	  • displayed: 426 - Bahrain
	• qa
	  • value: 427
	  • displayed: 427 - Qatar
	• mn
	  • value: 428
	  • displayed: 428 - Mongolia
	• np
	  • value: 429
	  • displayed: 429 - Nepal

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Name	Value

Type (continued)	• ae2
	  • value: 430
	  • displayed: 430 - United Arab Emirates (Abu Dhabi)
	• ae3
	  • value: 431
	  • displayed: 431 - United Arab Emirates (Dubai)
	• ir
	  • value: 432
	  • displayed: 432 - Iran
	• uz
	  • value: 434
	  • displayed: 434 - Uzbekistan
	• tj
	  • value: 436
	  • displayed: 436 - Tajikistan
	• kg
	  • value: 437
	  • displayed: 437 - Kyrgyz Republic
	• tm
	  • value: 438
	  • displayed: 438 - Turkmenistan
	• jp2
	  • value: 440
	  • displayed: 440 - Japan (2)
	• jp1
	  • value: 441
	  • displayed: 441 - Japan (1)
	• kr
	  • value: 450
	  • displayed: 450 - Korea, South
	• vn
	  • value: 452
	  • displayed: 452 - Viet Nam
	• hk
	  • value: 454
	  • displayed: 454 - Hong Kong (PRC)
	• mo
	  • value: 455
	  • displayed: 455 - Macau (PRC)
	• kh
	  • value: 456
	  • displayed: 456 - Cambodia
	• la
	  • value: 457
	  • displayed: 457 - Laos
	• cn
	  • value: 460
	  • displayed: 460 - China
	• tw
	  • value: 466
	  • displayed: 466 - Taiwan
	• kp
	  • value: 467
	  • displayed: 467 - Korea, North

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Name	Value

Type (continued)	• bd
	  • value: 470
	  • displayed: 470 - Bangladesh
	• mv
	  • value: 472
	  • displayed: 472 - Maldives
	• my
	  • value: 502
	  • displayed: 502 - Malaysia
	• au
	  • value: 505
	  • displayed: 505 - Australia
	• id
	  • value: 510
	  • displayed: 510 - Indonesia
	• tl
	  • value: 514
	  • displayed: 514 - East Timor
	• ph
	  • value: 515
	  • displayed: 515 - Philippines
	• th
	  • value: 520
	  • displayed: 520 - Thailand
	• sg
	  • value: 525
	  • displayed: 525 - Singapore
	• bn
	  • value: 528
	  • displayed: 528 - Brunei Darussalam
	• nz
	  • value: 530
	  • displayed: 530 - New Zealand
	• mp
	  • value: 534
	  • displayed: 534 - Northern Mariana Islands (US)
	• gu
	  • value: 535
	  • displayed: 535 - Guam (US)
	• nr
	  • value: 536
	  • displayed: 536 - Nauru
	• pg
	  • value: 537
	  • displayed: 537 - Papua New Guinea
	• to
	  • value: 539
	  • displayed: 539 - Tonga
	• sb
	  • value: 540
	  • displayed: 540 - Solomon Islands
	• vu
	  • value: 541
	  • displayed: 541 - Vanuatu

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Name	Value

Type (continued)	• fj
	  • value: 542
	  • displayed: 542 - Fiji
	• wf
	  • value: 543
	  • displayed: 543 - Wallis et Futuna (France)
	• as
	  • value: 544
	  • displayed: 544 - American Samoa (US)
	• ki
	  • value: 545
	  • displayed: 545 - Kiribati
	• nc
	  • value: 546
	  • displayed: 546 - New Caledonia (France)
	• pf
	  • value: 547
	  • displayed: 547 - French Polynesia (France)
	• ck
	  • value: 548
	  • displayed: 548 - Cook Islands (NZ)
	• ws
	  • value: 549
	  • displayed: 549 - Samoa
	• fm
	  • value: 550
	  • displayed: 550 - Federated States of Micronesia
	• mh
	  • value: 551
	  • displayed: 551 - Marshall Islands
	• pw
	  • value: 552
	  • displayed: 552 - Palau
	• eg
	  • value: 602
	  • displayed: 602 - Egypt
	• dz
	  • value: 603
	  • displayed: 603 - Algeria
	• ma
	  • value: 604
	  • displayed: 604 - Morocco
	• tn
	  • value: 605
	  • displayed: 605 - Tunisia
	• ly
	  • value: 606
	  • displayed: 606 - Libya
	• gm
	  • value: 607
	  • displayed: 607 - Gambia
	• sn
	  • value: 608
	  • displayed: 608 - Senegal

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Name	Value

Type (continued)	• mr
	  • value: 609
	  • displayed: 609 - Mauritania
	• ml
	  • value: 610
	  • displayed: 610 - Mali
	• gn
	  • value: 611
	  • displayed: 611 - Guinea
	• ci
	  • value: 612
	  • displayed: 612 - Cote d'Ivoire
	• bf
	  • value: 613
	  • displayed: 613 - Burkina Faso
	• ne
	  • value: 614
	  • displayed: 614 - Niger
	• tg
	  • value: 615
	  • displayed: 615 - Togolese Republic
	• bj
	  • value: 616
	  • displayed: 616 - Benin
	• mu
	  • value: 617
	  • displayed: 617 - Mauritius
	• lr
	  • value: 618
	  • displayed: 618 - Liberia
	• sl
	  • value: 619
	  • displayed: 619 - Sierra Leone
	• gh
	  • value: 620
	  • displayed: 620 - Ghana
	• ng
	  • value: 621
	  • displayed: 621 - Nigeria
	• td
	  • value: 622
	  • displayed: 622 - Chad
	• cf
	  • value: 623
	  • displayed: 623 - Central African Republic
	• cm
	  • value: 624
	  • displayed: 624 - Cameroon
	• cv
	  • value: 625
	  • displayed: 625 - Cape Verde
	• st
	  • value: 626
	  • displayed: 626 - Sao Tome and Principe

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Name	Value

Type (continued)	• gq
	  • value: 627
	  • displayed: 627 - Equatorial Guinea
	• ga
	  • value: 628
	  • displayed: 628 - Gabonese Republic
	• cg
	  • value: 629
	  • displayed: 629 - Republic of the Congo
	• cd
	  • value: 630
	  • displayed: 630 - Democratic Republic of the Congo
	• ao
	  • value: 631
	  • displayed: 631 - Angola
	• gw
	  • value: 632
	  • displayed: 632 - Guinea-Bissau
	• sc
	  • value: 633
	  • displayed: 633 - Seychelles
	• sd
	  • value: 634
	  • displayed: 634 - Sudan
	• rw
	  • value: 635
	  • displayed: 635 - Rwandese Republic
	• et
	  • value: 636
	  • displayed: 636 - Ethiopia
	• so
	  • value: 637
	  • displayed: 637 - Somalia
	• dj
	  • value: 638
	  • displayed: 638 - Djibouti
	• ke
	  • value: 639
	  • displayed: 639 - Kenya
	• tz
	  • value: 640
	  • displayed: 640 - Tanzania
	• ug
	  • value: 641
	  • displayed: 641 - Uganda
	• bi
	  • value: 642
	  • displayed: 642 - Burundi
	• mz
	  • value: 643
	  • displayed: 643 - Mozambique
	• zm
	  • value: 645
	  • displayed: 645 - Zambia

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Name	Value

Type (continued)	• mg
	  • value: 646
	  • displayed: 646 - Madagascar
	• re
	  • value: 647
	  • displayed: 647 - Reunion (France)
	• zw
	  • value: 648
	  • displayed: 648 - Zimbabwe
	• na
	  • value: 649
	  • displayed: 649 - Namibia
	• mw
	  • value: 650
	  • displayed: 650 - Malawi
	• ls
	  • value: 651
	  • displayed: 651 - Lesotho
	• bw
	  • value: 652
	  • displayed: 652 - Botswana
	• sz
	  • value: 653
	  • displayed: 653 - Swaziland
	• km
	  • value: 654
	  • displayed: 654 - Comoros
	• za
	  • value: 655
	  • displayed: 655 - South Africa
	• er
	  • value: 657
	  • displayed: 657 - Eritrea
	• bz
	  • value: 702
	  • displayed: 702 - Belize
	• gt
	  • value: 704
	  • displayed: 704 - Guatemala
	• sv
	  • value: 706
	  • displayed: 706 - El Salvador
	• hn
	  • value: 708
	  • displayed: 708 - Honduras
	• ni
	  • value: 710
	  • displayed: 710 - Nicaragua
	• cr
	  • value: 712
	  • displayed: 712 - Costa Rica
	• pa
	  • value: 714
	  • displayed: 714 - Panama

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Name	Value

Type (continued)	• pe
	  • value: 716
	  • displayed: 716 - Peru
	• ar
	  • value: 722
	  • displayed: 722 - Argentine Republic
	• br
	  • value: 724
	  • displayed: 724 - Brazil
	• cl
	  • value: 730
	  • displayed: 730 - Chile
	• co
	  • value: 732
	  • displayed: 732 - Colombia
	• ve
	  • value: 734
	  • displayed: 734 - Venezuela
	• bo
	  • value: 736
	  • displayed: 736 - Bolivia
	• gy
	  • value: 738
	  • displayed: 738 - Guyana
	• ec
	  • value: 740
	  • displayed: 740 - Ecuador
	• gf
	  • value: 742
	  • displayed: 742 - French Guiana (France)
	• py
	  • value: 744
	  • displayed: 744 - Paraguay
	• sr
	  • value: 746
	  • displayed: 746 - Suriname
	• uy
	  • value: 748
	  • displayed: 748 - Uruguay
	• fk
	  • value: 750
	  • displayed: 750 - Falkland Islands (Malvinas)

access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Mobile Country Code (/PLMN)

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Table 164-3 mnc

Name	Value
Description	The value of mnc specifies the Mobile Network Code (MNC) of this Public Land Mobile Network (PLMN).
Type	string
access	read-create
Mandatory on create	Yes
Displayed(tab/group)	Mobile Network Code (/PLMN)

165 —PolicyChargingRulesGroup

Table 165-1 PolicyChargingRulesGroup parameters

Parameters	
cluster	dscFunction

Table 165-2 cluster

Name	Value
Description	The name of the cluster.
Type	string
access	read-create
Default	0
maximum	64
Displayed(tab/group)	Cluster

Table 165-3 dscFunction

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

Type	• unknown
	  • value: 0
	  • displayed: Unknown

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Name	Value

Type (continued)	• sif
	  • value: 1
	  • displayed: SGW Interface
	• saf
	  • value: 2
	  • displayed: SGW Application
	• pif
	  • value: 3
	  • displayed: PGW Interface
	• paf
	  • value: 4
	  • displayed: PGW Application
	• pcrf
	  • value: 5
	  • displayed: DSC Policy and Charging Rules
	• dpa
	  • value: 6
	  • displayed: DSC Diameter Proxy Agent

access	read-create
Default	unknown
Displayed(tab/group)	Service Type

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166 —PolicyChargingRules

Table 166-1 dscFunction

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

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	• sif
	  • value: 1
	  • displayed: SGW Interface
	• saf
	  • value: 2
	  • displayed: SGW Application
	• pif
	  • value: 3
	  • displayed: PGW Interface
	• paf
	  • value: 4
	  • displayed: PGW Application
	• pcrf
	  • value: 5
	  • displayed: DSC Policy and Charging Rules
	• dpa
	  • value: 6
	  • displayed: DSC Diameter Proxy Agent

access	read-create
Default	unknown

167 —PositioningSystem

Table 167-1 PositioningSystem parameters

Parameters	
bsPositionAltitude bsPositionLatitude bsPositionLongitude	bsPositionSource id positioningSystemAntennaCableDelay

Table 167-2 bsPositionAltitude

Name	Value
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.
Type	Integer
Default	0
minimum	-1000
maximum	10000
Units	m
Impact	fullReset
Displayed(tab/group)	BS Position Altitude

Table 167-3 bsPositionLatitude

Name	Value
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.
Type	Integer
Default	0
minimum	-5400000
maximum	5400000
Units	0.001 arc minutes
Impact	fullReset
Displayed(tab/group)	BS Position Latitude

Table 167-4 bsPositionLongitude

Name	Value
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.
Type	Integer
Default	0
minimum	-10800000
maximum	10800000
Units	0.001 arc minutes
Impact	fullReset
Displayed(tab/group)	BS Position Longitude

Table 167-5 bsPositionSource

Name	Value
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).

Type	• receiverControlled
	  • value: 0
	  • displayed: Receiver Controlled

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Name	Value

Type (continued)	• manuallyEntered
	  • value: 1
	  • displayed: Manually Entered

Default	receiverControlled
Impact	fullReset
Displayed(tab/group)	BS Position Source

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Table 167-6 id

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	65000
Mandatory on create	Yes
Displayed(tab/group)	id

Table 167-7 positioningSystemAntennaCableDelay

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	10000
Units	ns
Impact	partialReset
Displayed(tab/group)	Positioning System Antenna Cable Delay

168 —PowerOffsetConfiguration

Table 168-1 PowerOffsetConfiguration parameters

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

Table 168-2 id

Name	Value
Description	PowerOffsetConfiguration identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 168-3 pBCHPowerOffset

Name	Value
Description	Provides the power offset of the PBCH compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pBCHPowerOffset

Table 168-4 pCFICHPowerOffset

Name	Value
Description	Provides the power offset of the PCFICH compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pCFICHPowerOffset

Table 168-5 pDCCHPowerOffsetSymbol1

Name	Value
Description	Provides the power offset of the PDCCH RE of the first OFDM symbol compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pDCCHPowerOffsetSymbol1

Table 168-6 pDCCHPowerOffsetSymbol2and3

Name	Value
Description	Provides the power offset of the PDCCH RE of the second & third OFDM symbol compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pDCCHPowerOffsetSymbol2and3

Table 168-7 pHICHPowerOffset

Name	Value
Description	Provides the power offset of the PHICH when fully loaded compared to the Cell Reference Power.
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	pHICHPowerOffset

Table 168-8 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]

Type	• dB0
	  • value: 0
	  • displayed: 0 dB
	• dB1
	  • value: 1
	  • displayed: 1 dB
	• dB_4dot77
	  • value: 2
	  • displayed: -4.77 dB
	• dB2
	  • value: 3
	  • displayed: 2 dB

(1 of 2)

Name	Value

Type (continued)	• dB_6
	  • value: 4
	  • displayed: -6 dB
	• dB3
	  • value: 5
	  • displayed: 3 dB
	• dB_3
	  • value: 6
	  • displayed: -3 dB
	• dB_1dot77
	  • value: 7
	  • displayed: -1.77 dB

Impact	partialReset
Displayed(tab/group)	paOffsetPdsch

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Table 168-9 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.
Type	Integer
minimum	0
maximum	3
Impact	partialReset
Displayed(tab/group)	pbOffsetPdsch

Table 168-10 phichResource

Name	Value
Description	Ng parameter gives the number of PHIGH groups after multiplication by NRBDL/8 (TS 36.211 §6.9)

Type	• two
	  • value: 0
	  • displayed: Two
	• one
	  • value: 1
	  • displayed: One
	• half
	  • value: 2
	  • displayed: Half

Type (continued)	• oneSixth
	  • value: 3
	  • displayed: One Sixth

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	phichResource

(2 of 2)

Table 168-11 primarySyncSignalPowerOffset

Name	Value
Description	Provides the power offset of the Primary Synchronization Signal compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB
Impact	partialReset
Displayed(tab/group)	primarySyncSignalPowerOffset

Table 168-12 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.
Type	Integer
minimum	-60
maximum	50
Units	dBm
Impact	partialReset
Displayed(tab/group)	referenceSignalPower

Table 168-13 secondarySyncSignalPowerOffset

Name	Value
Description	Provides the power offset of the Secondary Synchronization Signal compared to the Cell Reference Power
Type	IP address exclusively (hostname not allowed)
minimum	-25.6
maximum	25.5
Units	dB

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	secondarySyncSignalPowerOffset

(2 of 2)

169 —PreProvisionedNe

Table 169-1 PreProvisionedNe parameters

Parameters	
chassisType hardwareIdentifier identifier	mgmtIpAddress mgmtIpAddrType

Table 169-2 chassisType

Name	Value
Description	The chassis type of the node

Type	• unknownShelf
	  • value: 1
	  • displayed: Unknown
	  • not selectable
	• sr_shelf_12Slot
	  • value: 2
	  • displayed: 7750-SR12
	• sr_shelf_24Slot
	  • value: 3
	  • displayed: 7750-SR24
	  • not selectable
	• sr_shelf_4Slot
	  • value: 4
	  • displayed: 7750-SR4
	  • not selectable

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Name	Value

Type (continued)	• sr_shelf_1Slot
	  • value: 5
	  • displayed: 7750-SR1
	• sr_shelf_7Slot
	  • value: 6
	  • displayed: 7750-SR7
	• ess_shelf_12Slot
	  • value: 7
	  • displayed: 7450-ESS12
	• ess_shelf_24Slot
	  • value: 8
	  • displayed: 7450-ESS24
	  • not selectable
	• ess_shelf_4Slot
	  • value: 9
	  • displayed: 7450-ESS4
	  • not selectable
	• ess_shelf_1Slot
	  • value: 10
	  • displayed: 7450-ESS1
	• ess_shelf_7Slot
	  • value: 11
	  • displayed: 7450-ESS7
	• sr_shelf_7710_12c
	  • value: 12
	  • displayed: 7710-SRc12
	• sr_shelf_7710_4c
	  • value: 13
	  • displayed: 7710-SRc4
	• ess_shelf_6Slot
	  • value: 14
	  • displayed: 7450-ESS6
	• sar_shelf_8Slot
	  • value: 15
	  • displayed: 7705-SAR8
	• sar_shelf_fixed
	  • value: 16
	  • displayed: 7705-SARF
	• ess_shelf_6vSlot
	  • value: 17
	  • displayed: 7450-ESS6V
	• sas_shelf_7210_e
	  • value: 18
	  • displayed: 7210 SAS-E
	• sas_shelf_7210_m
	  • value: 19
	  • displayed: 7210 SAS-M-24F
	• lte_shelf_12slot
	  • value: 20
	  • displayed: 7750-SR12-MG
	  • not selectable
	• lte_shelf_7slot
	  • value: 21
	  • displayed: 7750-SR7-MG
	  • not selectable

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Name	Value

Type (continued)	• sr_shelf_12Slotc
	  • value: 22
	  • displayed: 7750-SRc12
	• sas_shelf_7210_m_24f2xfp
	  • value: 23
	  • displayed: 7210 SAS-M-24F-2XFP
	• sas_shelf_7210_m_24f2xfp_etr
	  • value: 24
	  • displayed: 7210 SAS-M-24F-2XFP ETR
	• sas_shelf_7210_m_24f_etr
	  • value: 25
	  • displayed: 7210 SAS-M-24F ETR
	• sas_shelf_7210_x_24f2xfp
	  • value: 26
	  • displayed: 7210 SAS-X-24F-2XFP
	• sr_shelf_4c
	  • value: 27
	  • displayed: 7750-SRc4
	• t4Router
	  • value: 101
	  • displayed: T4R
	• t5Router
	  • value: 102
	  • displayed: T5R
	• t5c_48TRouter
	  • value: 105
	  • displayed: T5 Compact 48T
	• t5c_24GTRouter
	  • value: 106
	  • displayed: T5 Compact 24GT
	• t5c_24TRouter
	  • value: 107
	  • displayed: T5 Compact 24T
	• t5c_24GRouter
	  • value: 120
	  • displayed: T5 Compact 24G
	• t5c_24FRouter
	  • value: 121
	  • displayed: T5 Compact 24F
	• SAS_Router
	  • value: 130
	  • displayed: 7250 SAS
	• Generic_Ne
	  • value: 131
	  • displayed: GNE
	• SAS_ES_Router
	  • value: 132
	  • displayed: 7250 SAS ES
	• shelf_7701
	  • value: 133
	  • displayed: 7701 CPAA
	• aos_6850_chassis
	  • value: 134
	  • displayed: OmniSwitch 6850

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Name	Value

Type (continued)	• aos_6850_24
	  • value: 135
	  • displayed: OS6850-24
	• aos_6850_24x
	  • value: 136
	  • displayed: OS6850-24X
	• aos_6850_48
	  • value: 137
	  • displayed: OS6850-48
	• aos_6850_24l
	  • value: 138
	  • displayed: OS6850-24L
	• aos_6850_p24
	  • value: 139
	  • displayed: OS6850-P24
	• aos_6850_48l
	  • value: 140
	  • displayed: OS6850-48L
	• aos_6850_p24x
	  • value: 141
	  • displayed: OS6850-P24X
	• aos_6850_48x
	  • value: 142
	  • displayed: OS6850-48X
	• aos_6850_p48
	  • value: 143
	  • displayed: OS6850-P48
	• aos_6850_p48l
	  • value: 144
	  • displayed: OS6850-P48L
	• aos_6850_u24x
	  • value: 145
	  • displayed: OS6850-U24X
	• SAS_ESA_Router
	  • value: 146
	  • displayed: 7250 SAS ESA
	• aos_6850_p48x
	  • value: 147
	  • displayed: OS6850-P48X
	• aos_6850_p24l
	  • value: 148
	  • displayed: OS6850-P24L
	• aos_6855_chassis
	  • value: 149
	  • displayed: OmniSwitch 6855
	• aos_6855_14
	  • value: 150
	  • displayed: OS6855-14
	• aos_6855_24
	  • value: 151
	  • displayed: OS6855-24
	• aos_6855_u10
	  • value: 152
	  • displayed: OS6855-U10

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Name	Value

Type (continued)	• aos_6855_u24
	  • value: 153
	  • displayed: OS6855-U24
	• aos_6400_chassis
	  • value: 154
	  • displayed: OmniSwitch 6400
	• aos_6400_24
	  • value: 155
	  • displayed: OS6400-24
	• aos_6400_p24
	  • value: 156
	  • displayed: OS6400-P24
	• aos_6400_u24
	  • value: 157
	  • displayed: OS6400-U24
	• aos_6400_du24
	  • value: 158
	  • displayed: OS6400-DU24
	• aos_6400_48
	  • value: 159
	  • displayed: OS6400-48
	• aos_6400_p48
	  • value: 160
	  • displayed: OS6400-P48
	• aos_9600_5Slot
	  • value: 161
	  • displayed: OmniSwitch 9600
	• aos_9700_10Slot
	  • value: 162
	  • displayed: OmniSwitch 9700
	• aos_9800_18Slot
	  • value: 163
	  • displayed: OmniSwitch 9800
	• mpr_9500_chassis_8_E
	  • value: 164
	  • displayed: 9500 MPR-E
	• mpr_9500_chassis_8_A
	  • value: 165
	  • displayed: 9500 MPR-A
	• mpr_9500_mss_8E
	  • value: 166
	  • displayed: MSS-8
	• mpr_9500_mss_4E
	  • value: 167
	  • displayed: MSS-4
	• mpr_9500_mss_1E
	  • value: 168
	  • displayed: MSS-1
	• mpr_9500_mss_8A
	  • value: 169
	  • displayed: MSS-8
	• mpr_9500_mss_4A
	  • value: 170
	  • displayed: MSS-4

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Name	Value

Type (continued)	• mpr_9500_mss_1A
	  • value: 171
	  • displayed: MSS-1
	• aos_6850_24lu
	  • value: 174
	  • displayed: OS6850-24LU
	• aos_6850_p24lu
	  • value: 175
	  • displayed: OS6850-P24LU
	• aos_6850_48lu
	  • value: 176
	  • displayed: OS6850-48LU
	• aos_6850_p48lu
	  • value: 177
	  • displayed: OS6850-P48LU
	• mpr_9500_chassis_4_E
	  • value: 178
	  • displayed: 9500 MPR-E Chassis 4
	• mpr_9500_chassis_4_A
	  • value: 179
	  • displayed: 9500 MPR-A Chassis 4
	• mpr_9500_chassis_1_E
	  • value: 180
	  • displayed: 9500 MPR-E Chassis 1
	• mpr_9500_chassis_1_A
	  • value: 181
	  • displayed: 9500 MPR-A Chassis 1
	• mme_9471
	  • value: 182
	  • displayed: 9471 MME
	• aos_6250_chassis
	  • value: 183
	  • displayed: OmniSwitch 6250
	• aos_6250_8m
	  • value: 184
	  • displayed: OS6250-8M
	• aos_6250_24m
	  • value: 185
	  • displayed: OS6250-24M
	• aos_6250_24md
	  • value: 186
	  • displayed: OS6250-24MD
	• aos_6250_24
	  • value: 187
	  • displayed: OS6250-24
	• aos_6250_p24
	  • value: 188
	  • displayed: OS6250-P24
	• aos_9700e_10Slot
	  • value: 189
	  • displayed: OmniSwitch 9700E
	• aos_9800e_18Slot
	  • value: 190
	  • displayed: OmniSwitch 9800E

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Name	Value

Type (continued)	• 1830_pss_32
	  • value: 200
	  • displayed: 1830 PSS 32
	• 1830_pss_1_gbeh
	  • value: 201
	  • displayed: 1830 PSS 1 GBEH
	• dsc_5780_non_atca
	  • value: 202
	  • displayed: 5780 DSC - Non-ATCA
	• dsc_5780_atca
	  • value: 203
	  • displayed: 5780 DSC - ATCA
	• 1830_pss_1_md4h
	  • value: 204
	  • displayed: 1830 PSS 1 MD4H
	• 1830_pss_1_ahp
	  • value: 205
	  • displayed: 1830 PSS 1 AHP
	• 1830_pss_16
	  • value: 206
	  • displayed: 1830 PSS 16
	• 1830_pss_tropicEmptyShelf
	  • value: 207
	  • displayed: Empty Shelf
	• 1830_pss_tropicUnknownShelf
	  • value: 208
	  • displayed: Unknown Shelf
	• 1830_pss_tropicMasterShelf
	  • value: 209
	  • displayed: Master Shelf
	• 1830_pss_aluWdmItlbShelf
	  • value: 210
	  • displayed: ITLB: Interleaver Shelf
	• 1830_pss_aluWdmSfd44Shelf
	  • value: 211
	  • displayed: SFD 44: Static Filter DWDM 44 Channel Shelf
	• 1830_pss_aluWdmSfd44bShelf
	  • value: 212
	  • displayed: SFD 44 b :Static Filter DWDM 44 Odd Channel Shelf
	• 1830_pss_aluWdmUniversalShelf
	  • value: 213
	  • displayed: 1830 PSS Universal Shelf
	• 1830_pss_aluWdmDcmShelf
	  • value: 214
	  • displayed: DCM :Dispersion Compensation Module Shelf
	• 1830_pss_aluWdmPss32Shelf
	  • value: 215
	  • displayed: 1830 PSS 32 Shelf
	• 1830_pss_aluWdmPss16Shelf
	  • value: 216
	  • displayed: 1830 PSS 16 Shelf
	• 1830_pss_aluWdmSfd40Shelf
	  • value: 217
	  • displayed: SFD 40: Static Filter DWDM 40 Channel Shelf

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Name	Value

Type (continued)	• enodeb_9412_dbu
	  • value: 218
	  • displayed: 9412 D2U E-NODEB FDD
	• 1830_pss_aluWdmSfd40bShelf
	  • value: 219
	  • displayed: SFD 40 b :Static Filter DWDM 40 Odd Channel Shelf
	• aos_6855_chassis_stk
	  • value: 220
	  • displayed: OmniSwitch 6855-U24X
	• aos_6855_u24x
	  • value: 221
	  • displayed: OS6855-U24X
	• enodeb_9412_dbu_tdd
	  • value: 222
	  • displayed: 9412 D2U E-NODEB TDD
	• enodeb_9926_dbu
	  • value: 223
	  • displayed: 9926 D2U E-NODEB FDD
	• enodeb_9926_dbu_tdd
	  • value: 224
	  • displayed: 9926 D2U E-NODEB TDD
	• enodeb_9412_dbu_outdoor
	  • value: 225
	  • displayed: 9412 D2U E-NODEB Outdoor FDD
	• enodeb_9412_dbu_tdd_outdoor
	  • value: 226
	  • displayed: 9412 D2U E-NODEB Outdoor TDD
	• enodeb_9412_dbu_indoor
	  • value: 227
	  • displayed: 9412 D2U E-NODEB Indoor FDD
	• enodeb_9412_dbu_tdd_indoor
	  • value: 228
	  • displayed: 9412 D2U E-NODEB Indoor TDD
	• enodeb_9412_dbu_outdoor_no_amr
	  • value: 229
	  • displayed: 9412 D2U E-NODEB Outdoor without AMR FDD
	• enodeb_9412_dbu_tdd_outdoor_no_amr
	  • value: 230
	  • displayed: 9412 D2U E-NODEB Outdoor without AMR TDD

access	read-create
Default	unknownShelf
Displayed(tab/group)	Chassis Type

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Table 169-3 hardwareIdentifier

Name	Value
Description	The unique identifier for the node
Type	string
minimum	0

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Name	Value
maximum	256
Displayed(tab/group)	Hardware Identifier (Options/Network Element Matching Fields (Optional))

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Table 169-4 identifier

Name	Value
Description	The identifier of the pre-provisioned network element
Type	string
access	read-create
minimum	1
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	Network Element ID

Table 169-5 mgmtIpAddrType

Name	Value
Description	The type of the management IP address

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable

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Name	Value

Type (continued)	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

Default	ipv4

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Table 169-6 mgmtIpAddress

Name	Value
Description	The expected active management IP of the node
Type	InetAddress
Default	0.0.0.0
Displayed(tab/group)	Active Management IP (Options/Network Element Matching Fields (Optional))

170 —PsHoToUtraFddTimersConf

Table 170-1 PsHoToUtraFddTimersConf parameters

Parameters	
id tS1RelocOverallForPsHandoverToUtraFdd	tS1RelocPrepForPsHandoverToUtraFdd

Table 170-2 id

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	2
Mandatory on create	Yes
Displayed(tab/group)	id

Table 170-3 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)
Type	Integer
minimum	1
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	tS1RelocOverallForPsHandoverToUtraFdd

Table 170-4 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.
Type	Integer
minimum	1
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	tS1RelocPrepForPsHandoverToUtraFdd

171 —PsHoToUtraTimersConf

Table 171-1 PsHoToUtraTimersConf parameters

Parameters	
id tS1RelocOverallForPsHandoverToUtra	tS1RelocPrepForPsHandoverToUtra

Table 171-2 id

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	2
Mandatory on create	Yes
Displayed(tab/group)	id

Table 171-3 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)
Type	Integer
minimum	1
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	tS1RelocOverallForPsHandoverToUtra

Table 171-4 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.
Type	Integer
minimum	1
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	tS1RelocPrepForPsHandoverToUtra

172 —PTPClientClockSync

Table 172-1 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	*R6R6R6R6R6R6R6R6R6*
ptpClientConfigParameter17	ptpClientConfigParameter6
ptpClientConfigParameter18	ptpClientConfigParameter7
ptpClientConfigParameter19	ptpClientConfigParameter8
ptpClientConfigParameter2	ptpClientConfigParameter9
ptpClientConfigParameter20	ptpClientMode
ptpClientConfigParameter21	ptpClientRegToD
ptpClientConfigParameter22	ptpClientType
ptpClientConfigParameter23	ptpeNodeBIPaddress

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Parameters	
ptpeNodeBIPaddressEnabled	ptpSecondaryServerMACaddress
ptpeNodeBSubnetMask	ptpSecondaryServerSubnetMask
ptpffeAlphaValue	ptpSourcePort
ptpffeHiThValue	ptpStackMode
ptpffeLoThValue	ptpSyncDuration
ptpGvalue	ptpTimeSwitchMode
ptpjeAlphaValue	ptpVarJumpAltFloorValue
ptpJumpFloorValue	ptpVarOutOfProfileWindowValue
ptpJumpThresholdAltValue	ptpZarConfigParameter1
ptpJumpThresholdValue	ptpZarConfigParameter10
ptpJumpWindowValue	ptpZarConfigParameter11
ptpKiValue	ptpZarConfigParameter12
ptpLogAnnounceInterval	ptpZarConfigParameter13
ptpLogMinDelayReqInterval	ptpZarConfigParameter14
ptpLogMinPdelayReqInterval	ptpZarConfigParameter15
ptpLogSyncInterval	ptpZarConfigParameter16
ptpOscillatorDataSource	ptpZarConfigParameter17
ptpOutOfProfileThresholdValue	ptpZarConfigParameter18
ptpPostTripWindowValue	ptpZarConfigParameter19
ptpPostWarmUp	ptpZarConfigParameter2
ptpPrimaryServerIPaddress	ptpZarConfigParameter20
ptpPrimaryServerMACaddress	ptpZarConfigParameter21
ptpPrimaryServerSubnetMask	ptpZarConfigParameter22
ptpSecondaryServerIPaddress	ptpZarConfigParameter23
ptpZarConfigParameter24	ptpZarConfigParameter31
ptpZarConfigParameter25	ptpZarConfigParameter32
ptpZarConfigParameter26	ptpZarConfigParameter4
ptpZarConfigParameter27	*R6R6R6R6R6R6R6R6*
ptpZarConfigParameter28	ptpZarConfigParameter6
ptpZarConfigParameter29	ptpZarConfigParameter7
ptpZarConfigParameter3	ptpZarConfigParameter8
ptpZarConfigParameter30	ptpZarConfigParameter9

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Table 172-2 id

Name	Value
Description	PTPClientClockSync identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 172-3 ptpAlphaFloorValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)
access	read-create
Default	0.0005
minimum	0
maximum	1
Impact	fullReset
Displayed(tab/group)	ptpAlphaFloorValue

Table 172-4 ptpAnnounceDuration

Name	Value
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.
Type	Integer
Default	300
minimum	1
maximum	2147483647
Units	s
Impact	partialReset
Displayed(tab/group)	ptpAnnounceDuration

Table 172-5 ptpAnnounceReceiptTimeOut

Name	Value
Description	Defines the number of AnnounceIntervals that pass without receipt of an Announce message before the event ANNOUNCE_RECEIPT_TIMEOUT_EXPIRES occurs.
Type	Integer
Default	3
minimum	3
maximum	255
Impact	partialReset
Displayed(tab/group)	ptpAnnounceReceiptTimeOut

Table 172-6 ptpClientConfigParameter1

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter1 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-7 ptpClientConfigParameter10

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter10 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-8 ptpClientConfigParameter11

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter11 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-9 ptpClientConfigParameter12

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter12 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-10 ptpClientConfigParameter13

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter13 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-11 ptpClientConfigParameter14

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter14 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-12 ptpClientConfigParameter15

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter15 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-13 ptpClientConfigParameter16

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter16 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-14 ptpClientConfigParameter17

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter17 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-15 ptpClientConfigParameter18

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter18 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-16 ptpClientConfigParameter19

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter19 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-17 ptpClientConfigParameter2

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter2 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-18 ptpClientConfigParameter20

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter20 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-19 ptpClientConfigParameter21

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter21 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-20 ptpClientConfigParameter22

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter22 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-21 ptpClientConfigParameter23

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter23 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-22 ptpClientConfigParameter24

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter24 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-23 ptpClientConfigParameter25

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter25 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-24 ptpClientConfigParameter26

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter26 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-25 ptpClientConfigParameter27

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter27 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-26 ptpClientConfigParameter28

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter28 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-27 ptpClientConfigParameter29

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter29 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-28 ptpClientConfigParameter3

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter3 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-29 ptpClientConfigParameter30

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter30 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-30 ptpClientConfigParameter31

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter31 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-31 ptpClientConfigParameter32

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter32 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-32 ptpClientConfigParameter4

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter4 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-33 *R6R6R6R6R6R6R6R6R6R6*

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	*R6R6R6R6R6R6R6R6* (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-34 ptpClientConfigParameter6

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter6 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-35 ptpClientConfigParameter7

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter7 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-36 ptpClientConfigParameter8

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter8 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-37 ptpClientConfigParameter9

Name	Value
Description	This parameter defines the PTP client configuration.
Type	string
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	ptpClientConfigParameter9 (Client Parameters)
Note: The value of this parameter can be unset.	

Table 172-38 ptpClientMode

Name	Value
Description	Defines if the 1588 PTP is in Multicast mode. True=Multicast, False=Unicast
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	ptpClientMode

Table 172-39 ptpClientRegToD

Name	Value
Description	This parameter defines the Time of Day for the client to register to the server by sending the REQUEST_UNICAST_NEGOTIATION message. By default this message is sent again to refresh the unicast negotiation every 300 seconds. Therefore this Time of Day parameter defines an offset from midnight for the first negotiation in a new day, and then the negotiation repeats at the repeat rate. Range 00:00:00 to 00:05:59.90 hh:mm:ss.ss
Type	string
minimum	8
maximum	11
Impact	noReset
Displayed(tab/group)	ptpClientRegToD

Table 172-40 ptpClientType

Name	Value
Description	Defines if 1588 client is the Zarlink option. True=Zarlink 1588 client, False=Bell-labs 1588 client
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	ptpClientType

Table 172-41 ptpGvalue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)
access	read-create
Default	10.0
minimum	0
maximum	429496
Impact	fullReset
Displayed(tab/group)	ptpGvalue

Table 172-42 ptpJumpFloorValue

Name	Value
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.
Type	Integer
access	read-create
Default	1000
minimum	0
maximum	100000000
Impact	fullReset
Displayed(tab/group)	ptpJumpFloorValue

Table 172-43 ptpJumpThresholdAltValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)
access	read-create
Default	0.00025
minimum	0
maximum	1
Impact	fullReset
Displayed(tab/group)	ptpJumpThresholdAltValue

Table 172-44 ptpJumpThresholdValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)
access	read-create
Default	100.0
minimum	0
maximum	429496
Impact	fullReset
Displayed(tab/group)	ptpJumpThresholdValue

Table 172-45 ptpJumpWindowValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	Long integer
access	read-create
Default	16384
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	ptpJumpWindowValue

Table 172-46 ptpKiValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)
access	read-create
Default	0.00003
minimum	0
maximum	1
Impact	fullReset
Displayed(tab/group)	ptpKiValue

Table 172-47 ptpLogAnnounceInterval

Name	Value
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.
Type	Integer
Default	1
minimum	-128
maximum	127
Impact	partialReset
Displayed(tab/group)	ptpLogAnnounceInterval

Table 172-48 ptpLogMinDelayReqInterval

Name	Value
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.
Type	Integer
Default	0
minimum	-128
maximum	127
Impact	partialReset
Displayed(tab/group)	ptpLogMinDelayReqInterval

Table 172-49 ptpLogMinPdelayReqInterval

Name	Value
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.
Type	Integer
Default	0
minimum	-128
maximum	127
Impact	partialReset
Displayed(tab/group)	ptpLogMinPdelayReqInterval

Table 172-50 ptpLogSyncInterval

Name	Value
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.
Type	Integer
Default	-6
minimum	-128
maximum	127
Impact	partialReset
Displayed(tab/group)	ptpLogSyncInterval

Table 172-51 ptpOscillatorDataSource

Name	Value
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
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	ptpOscillatorDataSource

Table 172-52 ptpOutOfProfileThresholdValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)
access	read-create
Default	100
minimum	0
maximum	429496
Impact	fullReset
Displayed(tab/group)	ptpOutOfProfileThresholdValue

Table 172-53 ptpPostTripWindowValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	Long integer
access	read-create
Default	1280
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	ptpPostTripWindowValue

Table 172-54 ptpPostWarmUp

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	Long integer
access	read-create
Default	25600
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	ptpPostWarmUp

Table 172-55 ptpPrimaryServerIPaddress

Name	Value
Description	Defines the IP address of the Primary 1588 PTP server.
Type	InetAddress
Default	0.0.0.0
Impact	partialReset
Displayed(tab/group)	ptpPrimaryServerIPaddress

Table 172-56 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.
Type	string
minimum	15
maximum	23
Impact	partialReset
Displayed(tab/group)	ptpPrimaryServerMACaddress

Table 172-57 ptpPrimaryServerSubnetMask

Name	Value
Description	Defines the IP Subnetmask of the Primary 1588 PTP server.
Type	InetAddress
Default	0.0.0.0
Impact	partialReset
Displayed(tab/group)	ptpPrimaryServerSubnetMask

Table 172-58 ptpSecondaryServerIPaddress

Name	Value
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.
Type	InetAddress
Default	0.0.0.0
Impact	partialReset
Displayed(tab/group)	ptpSecondaryServerIPaddress

Table 172-59 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.
Type	string
minimum	15
maximum	23
Impact	partialReset
Displayed(tab/group)	ptpSecondaryServerMACaddress

Table 172-60 ptpSecondaryServerSubnetMask

Name	Value
Description	Defines the IP Subnetmask of the Secondary 1588 PTP server.
Type	InetAddress
Default	0.0.0.0

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	ptpSecondaryServerSubnetMask

(2 of 2)

Table 172-61 ptpSourcePort

Name	Value
Description	Defines if MDA portA is to be used for 1588 PTP message transfer. True=portA, False=portB on MDA.
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	ptpSourcePort

Table 172-62 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
Type	string
minimum	1
maximum	32
Impact	partialReset
Displayed(tab/group)	ptpStackMode

Table 172-63 ptpSyncDuration

Name	Value
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.
Type	Integer
Default	300
minimum	1
maximum	2147483647
Units	s
Impact	partialReset
Displayed(tab/group)	ptpSyncDuration

Table 172-64 ptpTimeSwitchMode

Name	Value
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
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	ptpTimeSwitchMode

Table 172-65 ptpVarJumpAltFloorValue

Name	Value
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.
Type	Integer
access	read-create
Default	100
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	ptpVarJumpAltFloorValue

Table 172-66 ptpVarOutOfProfileWindowValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	Long integer
access	read-create
Default	512
minimum	0
maximum	4294967295
Impact	fullReset
Displayed(tab/group)	ptpVarOutOfProfileWindowValue

Table 172-67 ptpZarConfigParameter1

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter1 (Zarlink Parameters)

Table 172-68 ptpZarConfigParameter10

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter10 (Zarlink Parameters)

Table 172-69 ptpZarConfigParameter11

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter11 (Zarlink Parameters)

Table 172-70 ptpZarConfigParameter12

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter12 (Zarlink Parameters)

Table 172-71 ptpZarConfigParameter13

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter13 (Zarlink Parameters)

Table 172-72 ptpZarConfigParameter14

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter14 (Zarlink Parameters)

Table 172-73 ptpZarConfigParameter15

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter15 (Zarlink Parameters)

Table 172-74 ptpZarConfigParameter16

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter16 (Zarlink Parameters)

Table 172-75 ptpZarConfigParameter17

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter17 (Zarlink Parameters)

Table 172-76 ptpZarConfigParameter18

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter18 (Zarlink Parameters)

Table 172-77 ptpZarConfigParameter19

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter19 (Zarlink Parameters)

Table 172-78 ptpZarConfigParameter2

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter2 (Zarlink Parameters)

Table 172-79 ptpZarConfigParameter20

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter20 (Zarlink Parameters)

Table 172-80 ptpZarConfigParameter21

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter21 (Zarlink Parameters)

Table 172-81 ptpZarConfigParameter22

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter22 (Zarlink Parameters)

Table 172-82 ptpZarConfigParameter23

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter23 (Zarlink Parameters)

Table 172-83 ptpZarConfigParameter24

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter24 (Zarlink Parameters)

Table 172-84 ptpZarConfigParameter25

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter25 (Zarlink Parameters)

Table 172-85 ptpZarConfigParameter26

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter26 (Zarlink Parameters)

Table 172-86 ptpZarConfigParameter27

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter27 (Zarlink Parameters)

Table 172-87 ptpZarConfigParameter28

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter28 (Zarlink Parameters)

Table 172-88 ptpZarConfigParameter29

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter29 (Zarlink Parameters)

Table 172-89 ptpZarConfigParameter3

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter3 (Zarlink Parameters)

Table 172-90 ptpZarConfigParameter30

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter30 (Zarlink Parameters)

Table 172-91 ptpZarConfigParameter31

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter31 (Zarlink Parameters)

Table 172-92 ptpZarConfigParameter32

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter32 (Zarlink Parameters)

Table 172-93 ptpZarConfigParameter4

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter4 (Zarlink Parameters)

Table 172-94 *R6R6R6R6R6R6R6R6R6R6*

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	*R6R6R6R6R6R6R6R6* (Zarlink Parameters)

Table 172-95 ptpZarConfigParameter6

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter6 (Zarlink Parameters)

Table 172-96 ptpZarConfigParameter7

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter7 (Zarlink Parameters)

Table 172-97 ptpZarConfigParameter8

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter8 (Zarlink Parameters)

Table 172-98 ptpZarConfigParameter9

Name	Value
Description	Zarlink PTP Client Configuration parameter
Type	string
access	read-create
minimum	1
maximum	32
Mandatory on create	Yes
Impact	fullReset
Displayed(tab/group)	ptpZarConfigParameter9 (Zarlink Parameters)

Table 172-99 ptpeNodeBIPaddress

Name	Value
Description	Defines the eNodeB specific endpoint IP address for 1588 PTP traffic if configured.
Type	InetAddress
Default	0.0.0.0
Impact	partialReset
Displayed(tab/group)	ptpeNodeBIPaddress

Table 172-100 ptpeNodeBIPaddressEnabled

Name	Value
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.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	ptpeNodeBIPaddressEnabled

Table 172-101 ptpeNodeBSubnetMask

Name	Value
Description	Defines the eNodeB specific endpoint IP subnetmask for 1588 traffic if configured.
Type	InetAddress
Default	0.0.0.0
Impact	partialReset
Displayed(tab/group)	ptpeNodeBSubnetMask

Table 172-102 ptpffeAlphaValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)
access	read-create
Default	0.01
minimum	0
maximum	1
Impact	fullReset
Displayed(tab/group)	ptpffeAlphaValue

Table 172-103 ptpffeHiThValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)

(1 of 2)

Name	Value
access	read-create
Default	0.004
minimum	0
maximum	1
Impact	fullReset
Displayed(tab/group)	ptpffeHiThValue

(2 of 2)

Table 172-104 ptpffeLoThValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)
access	read-create
Default	0.00004
minimum	0
maximum	1
Impact	fullReset
Displayed(tab/group)	ptpffeLoThValue

Table 172-105 ptpjeAlphaValue

Name	Value
Description	Internal 1588 PTP Clock recovery parameter
Type	IP address exclusively (hostname not allowed)
access	read-create
Default	1
minimum	0
maximum	1
Impact	fullReset
Displayed(tab/group)	ptpjeAlphaValue

173 —QciPolicyEntry

Table 173-1 QciPolicyEntry parameters

Parameters	
arpValue dscpIn dscpOut dscpPreserve	fcName qciProfile qciValue

Table 173-2 arpValue

Name	Value
Description	The value of arpValue specifies the ARP value.
Type	Integer
Default	0
minimum	1
maximum	15
Displayed(tab/group)	ARP Value (/QCI and ARP)

Table 173-3 dscpIn

Name	Value
Description	The value of dscp specifies the Differentiated Services Code Point (DSCP) to be used while marking the in-profile packets.

Type	• none
	  • value: 1
	  • displayed: none
	• be
	  • value: 2
	  • displayed: be
	• ef
	  • value: 3
	  • displayed: ef
	• cp1
	  • value: 4
	  • displayed: cp1
	• cp2
	  • value: 5
	  • displayed: cp2
	• cp3
	  • value: 6
	  • displayed: cp3
	• cp4
	  • value: 7
	  • displayed: cp4
	• cp5
	  • value: 8
	  • displayed: cp5
	• cp6
	  • value: 9
	  • displayed: cp6
	• cp7
	  • value: 10
	  • displayed: cp7
	• cp9
	  • value: 11
	  • displayed: cp9
	• cs1
	  • value: 12
	  • displayed: cs1
	• cs2
	  • value: 13
	  • displayed: cs2
	• cs3
	  • value: 14
	  • displayed: cs3
	• cs4
	  • value: 15
	  • displayed: cs4
	• cs5
	  • value: 16
	  • displayed: cs5

(1 of 4)

Name	Value

Type (continued)	• nc1
	  • value: 17
	  • displayed: nc1
	• nc2
	  • value: 18
	  • displayed: nc2
	• af11
	  • value: 19
	  • displayed: af11
	• af12
	  • value: 20
	  • displayed: af12
	• af13
	  • value: 21
	  • displayed: af13
	• af21
	  • value: 22
	  • displayed: af21
	• af22
	  • value: 23
	  • displayed: af22
	• af23
	  • value: 24
	  • displayed: af23
	• af31
	  • value: 25
	  • displayed: af31
	• af32
	  • value: 26
	  • displayed: af32
	• af33
	  • value: 27
	  • displayed: af33
	• af41
	  • value: 28
	  • displayed: af41
	• af42
	  • value: 29
	  • displayed: af42
	• af43
	  • value: 30
	  • displayed: af43
	• cp11
	  • value: 31
	  • displayed: cp11
	• cp13
	  • value: 32
	  • displayed: cp13
	• cp15
	  • value: 33
	  • displayed: cp15
	• cp17
	  • value: 34
	  • displayed: cp17

(2 of 4)

Name	Value

Type (continued)	• cp19
	  • value: 35
	  • displayed: cp19
	• cp21
	  • value: 36
	  • displayed: cp21
	• cp23
	  • value: 37
	  • displayed: cp23
	• cp25
	  • value: 38
	  • displayed: cp25
	• cp27
	  • value: 39
	  • displayed: cp27
	• cp29
	  • value: 40
	  • displayed: cp29
	• cp31
	  • value: 41
	  • displayed: cp31
	• cp33
	  • value: 42
	  • displayed: cp33
	• cp35
	  • value: 43
	  • displayed: cp35
	• cp37
	  • value: 44
	  • displayed: cp37
	• cp39
	  • value: 45
	  • displayed: cp39
	• cp41
	  • value: 46
	  • displayed: cp41
	• cp42
	  • value: 47
	  • displayed: cp42
	• cp43
	  • value: 48
	  • displayed: cp43
	• cp44
	  • value: 49
	  • displayed: cp44
	• cp45
	  • value: 50
	  • displayed: cp45
	• cp47
	  • value: 51
	  • displayed: cp47
	• cp49
	  • value: 52
	  • displayed: cp49

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Name	Value

Type (continued)	• cp50
	  • value: 53
	  • displayed: cp50
	• cp51
	  • value: 54
	  • displayed: cp51
	• cp52
	  • value: 55
	  • displayed: cp52
	• cp53
	  • value: 56
	  • displayed: cp53
	• cp54
	  • value: 57
	  • displayed: cp54
	• cp55
	  • value: 58
	  • displayed: cp55
	• cp57
	  • value: 59
	  • displayed: cp57
	• cp58
	  • value: 60
	  • displayed: cp58
	• cp59
	  • value: 61
	  • displayed: cp59
	• cp60
	  • value: 62
	  • displayed: cp60
	• cp61
	  • value: 63
	  • displayed: cp61
	• cp62
	  • value: 64
	  • displayed: cp62
	• cp63
	  • value: 65
	  • displayed: cp63

Default	none
Displayed(tab/group)	DSCP for In Profile Packets (/QCI and ARP)

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Table 173-4 dscpOut

Name	Value
Description	The value of dscpOut specifies the Differentiated Services Code Point (DSCP) to be used while marking the out-profile packets.

Type	• none
	  • value: 1
	  • displayed: none

(1 of 5)

Name	Value

Type (continued)	• be
	  • value: 2
	  • displayed: be
	• ef
	  • value: 3
	  • displayed: ef
	• cp1
	  • value: 4
	  • displayed: cp1
	• cp2
	  • value: 5
	  • displayed: cp2
	• cp3
	  • value: 6
	  • displayed: cp3
	• cp4
	  • value: 7
	  • displayed: cp4
	• cp5
	  • value: 8
	  • displayed: cp5
	• cp6
	  • value: 9
	  • displayed: cp6
	• cp7
	  • value: 10
	  • displayed: cp7
	• cp9
	  • value: 11
	  • displayed: cp9
	• cs1
	  • value: 12
	  • displayed: cs1
	• cs2
	  • value: 13
	  • displayed: cs2
	• cs3
	  • value: 14
	  • displayed: cs3
	• cs4
	  • value: 15
	  • displayed: cs4
	• cs5
	  • value: 16
	  • displayed: cs5
	• nc1
	  • value: 17
	  • displayed: nc1
	• nc2
	  • value: 18
	  • displayed: nc2
	• af11
	  • value: 19
	  • displayed: af11

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Name	Value

Type (continued)	• af12
	  • value: 20
	  • displayed: af12
	• af13
	  • value: 21
	  • displayed: af13
	• af21
	  • value: 22
	  • displayed: af21
	• af22
	  • value: 23
	  • displayed: af22
	• af23
	  • value: 24
	  • displayed: af23
	• af31
	  • value: 25
	  • displayed: af31
	• af32
	  • value: 26
	  • displayed: af32
	• af33
	  • value: 27
	  • displayed: af33
	• af41
	  • value: 28
	  • displayed: af41
	• af42
	  • value: 29
	  • displayed: af42
	• af43
	  • value: 30
	  • displayed: af43
	• cp11
	  • value: 31
	  • displayed: cp11
	• cp13
	  • value: 32
	  • displayed: cp13
	• cp15
	  • value: 33
	  • displayed: cp15
	• cp17
	  • value: 34
	  • displayed: cp17
	• cp19
	  • value: 35
	  • displayed: cp19
	• cp21
	  • value: 36
	  • displayed: cp21
	• cp23
	  • value: 37
	  • displayed: cp23

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Name	Value

Type (continued)	• cp25
	  • value: 38
	  • displayed: cp25
	• cp27
	  • value: 39
	  • displayed: cp27
	• cp29
	  • value: 40
	  • displayed: cp29
	• cp31
	  • value: 41
	  • displayed: cp31
	• cp33
	  • value: 42
	  • displayed: cp33
	• cp35
	  • value: 43
	  • displayed: cp35
	• cp37
	  • value: 44
	  • displayed: cp37
	• cp39
	  • value: 45
	  • displayed: cp39
	• cp41
	  • value: 46
	  • displayed: cp41
	• cp42
	  • value: 47
	  • displayed: cp42
	• cp43
	  • value: 48
	  • displayed: cp43
	• cp44
	  • value: 49
	  • displayed: cp44
	• cp45
	  • value: 50
	  • displayed: cp45
	• cp47
	  • value: 51
	  • displayed: cp47
	• cp49
	  • value: 52
	  • displayed: cp49
	• cp50
	  • value: 53
	  • displayed: cp50
	• cp51
	  • value: 54
	  • displayed: cp51
	• cp52
	  • value: 55
	  • displayed: cp52

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Name	Value

Type (continued)	• cp53
	  • value: 56
	  • displayed: cp53
	• cp54
	  • value: 57
	  • displayed: cp54
	• cp55
	  • value: 58
	  • displayed: cp55
	• cp57
	  • value: 59
	  • displayed: cp57
	• cp58
	  • value: 60
	  • displayed: cp58
	• cp59
	  • value: 61
	  • displayed: cp59
	• cp60
	  • value: 62
	  • displayed: cp60
	• cp61
	  • value: 63
	  • displayed: cp61
	• cp62
	  • value: 64
	  • displayed: cp62
	• cp63
	  • value: 65
	  • displayed: cp63

Default	none
Displayed(tab/group)	DSCP for Out Profile Packets (/QCI and ARP)

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Table 173-5 dscpPreserve

Name	Value
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.
Type	boolean
Default	true
Displayed(tab/group)	DSCP Preserve (/QCI and ARP)

Table 173-6 fcName

Name	Value
Description	The value of fcName specifies the the Forwarding Class (FC) name. <be|l2|af|l1|h2|ef|h1|nc>

Type	• none
	  • value: 1
	  • displayed: none
	  • not selectable
	• l1
	  • value: 2
	  • displayed: l1
	• l2
	  • value: 3
	  • displayed: l2
	• be
	  • value: 4
	  • displayed: be
	• af
	  • value: 5
	  • displayed: af
	• ef
	  • value: 6
	  • displayed: ef
	• h1
	  • value: 7
	  • displayed: h1
	• h2
	  • value: 8
	  • displayed: h2
	• nc
	  • value: 9
	  • displayed: nc

Default	none
Displayed(tab/group)	Forwarding Class Name (/QCI and ARP)

Table 173-7 qciProfile

Name	Value
Description	Specifies the QCI profile to be assigned to the packet.

Type	• none
	  • value: 0
	  • displayed: None
	• in
	  • value: 1
	  • displayed: In
	• out
	  • value: 2
	  • displayed: Out

(1 of 2)

Name	Value

Type (continued)	• applyCir
	  • value: 3
	  • displayed: Apply CIR

Default	none
Displayed(tab/group)	Profile (/QCI and ARP)

(2 of 2)

Table 173-8 qciValue

Name	Value
Description	The value of qciValue specifies the QCI value.
Type	Integer
Default	0
minimum	1
maximum	9
Displayed(tab/group)	QCI Value (/QCI and ARP)

174 —RadioBearerConf

Table 174-1 RadioBearerConf parameters

Parameters	
bucketSizeDuration	pdcpDlTargetDataForwardingBufferCoefficients
dataForwardingEnabled	pdcpDlTargetS1BufferCoefficients
dataForwardingForPsHoToUtraFddEnabled	pdcpLosslessBufferHigherThreshold
dataForwardingForPsHoToUtraTddEnabled	pdcpLosslessBufferLowerThreshold
dataForwardingForS1HoEnabled	pdcpUlTargetS1BufferCoefficients
dataForwardingForX2HoEnabled	psHoToUtraFddEnabled
eNBDlLogicalChannelConfId	psHoToUtraTddEnabled
id	rlcDiscardTimerEnb
isLabelSupported	rlcPdcpFlowControlEnabled
labelID	rlcSduBufferCoefficients
logicalChannelGroupUL	rlcSduBufferHigherThreshold
logicalChannelPrioritizedBitRate	rlcSduBufferLowerThreshold
logicalChannelPriority	rohcMaxCid
pdcpDlLosslessBufferCoefficients	rohcProfiles
pdcpDlSourceS1BufferCoefficients	

Table 174-2 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

Type	• ms1000
	  • value: 0
	  • displayed: 1000 ms

(1 of 2)

Name	Value

Type (continued)	• ms300
	  • value: 1
	  • displayed: 300 ms
	• ms100
	  • value: 2
	  • displayed: 100 ms
	• ms50
	  • value: 3
	  • displayed: 50 ms
	• ms500
	  • value: 4
	  • displayed: 500 ms
	• ms150
	  • value: 5
	  • displayed: 150 ms

Units	ms
Impact	noReset
Displayed(tab/group)	bucketSizeDuration

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Table 174-3 dataForwardingEnabled

Name	Value
Description	This flag enables or not the data forwarding for this Radio Bearer
Type	boolean
Impact	fullReset

Table 174-4 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.
Type	boolean
Impact	noReset
Displayed(tab/group)	dataForwardingForPsHoToUtraFddEnabled

Table 174-5 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.
Type	boolean
Impact	noReset

Table 174-6 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.
Type	boolean
Impact	noReset
Displayed(tab/group)	dataForwardingForS1HoEnabled

Table 174-7 dataForwardingForX2HoEnabled

Name	Value
Description	This flag enables or not the data forwarding for this Radio Bearer in case of X2 HO.
Type	boolean
Impact	noReset
Displayed(tab/group)	dataForwardingForX2HoEnabled

Table 174-8 eNBDlLogicalChannelConfId

Name	Value
Description	This parameter indicates the instance of the MO LogicalChannelConf used for eNB DL configuration
Type	string
Impact	fullReset

Table 174-9 id

Name	Value
Description	RadioBearerConf identifier
Type	Integer
access	read-create
minimum	0
maximum	15
Mandatory on create	Yes
Displayed(tab/group)	id

Table 174-10 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

Type	• NotSupported
	  • value: 0
	  • displayed: Not Supported
	• Supported
	  • value: 1
	  • displayed: Supported

Impact	noReset
Displayed(tab/group)	isLabelSupported

Table 174-11 labelID

Name	Value
Description	This parameter identifies the type of label of an element of list Label[]

Type	• nGBR_6
	  • value: 0
	  • displayed: nGBR-6
	• GBR_4
	  • value: 1
	  • displayed: GBR-4
	• SRB1
	  • value: 2
	  • displayed: SRB 1
	• nGBR_7
	  • value: 3
	  • displayed: nGBR-7

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Name	Value

Type (continued)	• SRB2
	  • value: 4
	  • displayed: SRB 2
	• GBR_2
	  • value: 5
	  • displayed: GBR-2
	• nGBR_5
	  • value: 6
	  • displayed: nGBR-5
	• GBR_3
	  • value: 7
	  • displayed: GBR-3
	• SRB0
	  • value: 8
	  • displayed: SRB 0
	• GBR_1
	  • value: 9
	  • displayed: GBR-1
	• nGBR_8
	  • value: 10
	  • displayed: nGBR-8
	• nGBR_9
	  • value: 11
	  • displayed: nGBR-9

Impact	noReset
Displayed(tab/group)	labelID

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Table 174-12 logicalChannelGroupUL

Name	Value
Description	Used to indicate which group id the uplink logical channel belongs to in the Buffer Status reports. As per 36.321
Type	Integer
Default	1
minimum	0
maximum	3
Impact	fullReset
Displayed(tab/group)	logicalChannelGroupUL

Table 174-13 logicalChannelPrioritizedBitRate

Name	Value
Description	This parameter describes the prioritized bit rate of an uplink logical channel, as per 36.321. One value is signaled per logical channel

Type	• kBps16
	  • value: 0
	  • displayed: 16 kB/s
	• kBps32
	  • value: 1
	  • displayed: 32 kB/s
	• kBps8
	  • value: 2
	  • displayed: 8 kB/s
	• kBps64
	  • value: 3
	  • displayed: 64 kB/s
	• kBps128
	  • value: 4
	  • displayed: 128 kB/s
	• infinity
	  • value: 5
	  • displayed: Infinity
	• kBps256
	  • value: 6
	  • displayed: 256 kB/s
	• kBps0
	  • value: 7
	  • displayed: 0 kB/s

Default	kBps8
Units	Kbytes/s
Impact	noReset
Displayed(tab/group)	logicalChannelPrioritizedBitRate

Table 174-14 logicalChannelPriority

Name	Value
Description	This parameter describes the priority of a logical channel as per 36.321. One value is signaled per logical channel
Type	Integer
Default	1
minimum	1
maximum	16
Impact	fullReset
Displayed(tab/group)	logicalChannelPriority

Table 174-15 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.
Type	Map (int to int)
Impact	noReset

Table 174-16 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>.
Type	Map (int to int)
Impact	noReset

Table 174-17 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>.
Type	Map (int to int)
Impact	noReset

Table 174-18 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>.
Type	Map (int to int)
Impact	noReset

Table 174-19 pdcpLosslessBufferHigherThreshold

Name	Value
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.
Type	Integer
Default	80
minimum	0
maximum	100
Impact	noReset
Displayed(tab/group)	pdcpLosslessBufferHigherThreshold

Table 174-20 pdcpLosslessBufferLowerThreshold

Name	Value
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.
Type	Integer
Default	30
minimum	0
maximum	100
Impact	noReset
Displayed(tab/group)	pdcpLosslessBufferLowerThreshold

Table 174-21 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>.
Type	Map (int to int)
Impact	noReset

Table 174-22 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.
Type	boolean
Impact	noReset
Displayed(tab/group)	psHoToUtraFddEnabled

Table 174-23 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.
Type	boolean
Impact	noReset

Table 174-24 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.

Type	• 750ms
	  • value: 0
	  • displayed: 750 ms
	• 500ms
	  • value: 1
	  • displayed: 500 ms
	• 300ms
	  • value: 2
	  • displayed: 300 ms
	• 150ms
	  • value: 3
	  • displayed: 150 ms
	• 100ms
	  • value: 4
	  • displayed: 100 ms
	• 50ms
	  • value: 5
	  • displayed: 50 ms
	• infinity
	  • value: 6
	  • displayed: Infinity
	• 1500ms
	  • value: 7
	  • displayed: 1500 ms

Impact	noReset
Displayed(tab/group)	rlcDiscardTimerEnb

Table 174-25 rlcPdcpFlowControlEnabled

Name	Value
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).
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	rlcPdcpFlowControlEnabled

Table 174-26 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.
Type	Map (int to int)
Impact	noReset

Table 174-27 rlcSduBufferHigherThreshold

Name	Value
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
Type	Integer
Default	80
minimum	0
maximum	100
Impact	noReset
Displayed(tab/group)	rlcSduBufferHigherThreshold

Table 174-28 rlcSduBufferLowerThreshold

Name	Value
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.
Type	Integer
Default	30
minimum	0
maximum	100
Impact	noReset
Displayed(tab/group)	rlcSduBufferLowerThreshold

Table 174-29 rohcMaxCid

Name	Value
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.
Type	Integer
Default	15
minimum	0
maximum	8191
Impact	fullReset
Displayed(tab/group)	rohcMaxCid

Table 174-30 rohcProfiles

Name	Value
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).
Type	string
Default	110100000
minimum	9
maximum	9
Impact	fullReset
Displayed(tab/group)	rohcProfiles

175 —RadioCacCell

Table 175-1 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 175-2 badUeSinrThreshold

Name	Value
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.
Type	IP address exclusively (hostname not allowed)

(1 of 2)

Name	Value
Default	-10
minimum	-10
maximum	30
Units	dB
Impact	noReset
Displayed(tab/group)	badUeSinrThreshold

(2 of 2)

Table 175-3 deltaAdmissionThresholdForExistingCalls

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	20
Units	%
Impact	noReset
Displayed(tab/group)	deltaAdmissionThresholdForExistingCalls

Table 175-4 dlAdmissionThreshold

Name	Value
Description	defines DL CAC threshold for the admission of a call. In %
Type	Integer
Default	90
minimum	0
maximum	100
Impact	noReset
Displayed(tab/group)	dlAdmissionThreshold

Table 175-5 dlBEConsumption

Name	Value
Description	defines Projected DL resource consumption for a BE PS RAB. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	dlBEConsumption

Table 175-6 dlMinBitRateForBE

Name	Value
Description	This parameter is used to determine the required PRBs to reserve resources in CAC in DL for non-GBR bearers.
Type	Integer
Default	1
minimum	0
maximum	2048
Units	Kbits/s
Impact	noReset
Displayed(tab/group)	dlMinBitRateForBE

Table 175-7 dlOverheadConsumption

Name	Value
Description	defines DL resource consumption for UL overhead channels (BCH,PCH etc..). In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	noReset
Displayed(tab/group)	dlOverheadConsumption

Table 175-8 dlPRBconsumptionPerKbps

Name	Value
Description	defines Projected DL resource consumption per requested kBPS of GBR. In PRB per second per Kbps.
Type	IP address exclusively (hostname not allowed)
Default	2
minimum	0
maximum	100
Impact	fullReset
Displayed(tab/group)	dlPRBconsumptionPerKbps

Table 175-9 dlSigConsumption

Name	Value
Description	defines Projected DL resource consumption for Standalone Signalling Config. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	dlSigConsumption

Table 175-10 dlTotalDLresourceCount

Name	Value
Description	defines total DL resource count (includes used and unused resource). In PRB per second

Type	• 12000
	  • value: 0
	  • displayed: 12000
	• 25000
	  • value: 1
	  • displayed: 25000
	• 75000
	  • value: 2
	  • displayed: 75000
	• 50000
	  • value: 3
	  • displayed: 50000

(1 of 2)

Name	Value

Type (continued)	• 100000
	  • value: 4
	  • displayed: 100000
	• 15000
	  • value: 5
	  • displayed: 15000

Default	12000
Impact	noReset
Displayed(tab/group)	dlTotalDLresourceCount

(2 of 2)

Table 175-11 dlVOIPConsumption

Name	Value
Description	defines Projected DL resource consumption for a VoIP PS RAB. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	dlVOIPConsumption

Table 175-12 goodUeSinrThreshold

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	30
minimum	-10
maximum	30
Units	dB
Impact	noReset
Displayed(tab/group)	goodUeSinrThreshold

Table 175-13 id

Name	Value
Description	RadioCacCell identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 175-14 maxNbOfDataBearersPerCell

Name	Value
Description	Defines the max number of data bearers that are allowed to be setup at the same time on one cell of the eNodeB.
Type	Integer
Default	144
minimum	0
maximum	756
Impact	noReset
Displayed(tab/group)	maxNbOfDataBearersPerCell

Table 175-15 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.
Type	List (int)
Impact	noReset

Table 175-16 maxNbrOfUsers

Name	Value
Description	Defines maximum number of users allowed to be active on the cell.
Type	Integer

(1 of 2)

Name	Value
Default	20
minimum	0
maximum	200
Impact	noReset
Displayed(tab/group)	maxNbrOfUsers

(2 of 2)

Table 175-17 nbOfContextsReservedForEmergencyCalls

Name	Value
Description	This parameter defines the number of UE contexts reserved for emergency calls or emergency CS Fallbacks
Type	Integer
Default	0
minimum	0
maximum	20
Impact	noReset
Displayed(tab/group)	nbOfContextsReservedForEmergencyCalls

Table 175-18 overheadForUeInBadRadioCondition

Name	Value
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.
Type	Integer
Default	0
minimum	0
maximum	50
Units	%
Impact	noReset
Displayed(tab/group)	overheadForUeInBadRadioCondition

Table 175-19 periodMeasForPRBConsumption

Name	Value
Description	defines the periodicity of periodicity of measurement (PRB Consumption) messages from modem to callP.
Type	Integer
Default	1
minimum	1
maximum	60
Units	s
Impact	noReset
Displayed(tab/group)	periodMeasForPRBConsumption

Table 175-20 periodMeasForUeRadioCondition

Name	Value
Description	defines the periodicity of UE radio condition messages from modem to callP.
Type	Integer
Default	500
minimum	500
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	periodMeasForUeRadioCondition

Table 175-21 qCIforVoipRtpRtcp

Name	Value
Description	This parameter defines the S1 Bearer Level QoS Parameters QCI value for which the eNB will assume RTP/RTCP VoIP traffic
Type	Integer
Default	1
minimum	1
maximum	9
Impact	noReset
Displayed(tab/group)	qCIforVoipRtpRtcp

Table 175-22 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

Type	• nGBR_6
	  • value: 0
	  • displayed: nGBR-6
	• GBR_4
	  • value: 1
	  • displayed: GBR-4
	• nGBR_7
	  • value: 2
	  • displayed: nGBR-7
	• GBR_2
	  • value: 3
	  • displayed: GBR-2
	• nGBR_5
	  • value: 4
	  • displayed: nGBR-5
	• GBR_3
	  • value: 5
	  • displayed: GBR-3
	• GBR_1
	  • value: 6
	  • displayed: GBR-1
	• nGBR_8
	  • value: 7
	  • displayed: nGBR-8
	• nGBR_9
	  • value: 8
	  • displayed: nGBR-9

Impact	noReset
Displayed(tab/group)	qCIforVoipRtpRtcp

Table 175-23 ulAdmissionThreshold

Name	Value
Description	defines UL CAC threshold for the admission of a call. In %
Type	Integer
Default	90
minimum	0
maximum	100
Impact	noReset
Displayed(tab/group)	ulAdmissionThreshold

Table 175-24 ulBEConsumption

Name	Value
Description	defines Projected UL resource consumption for a BE PS RAB. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	ulBEConsumption

Table 175-25 ulMaxNbrOfVoIPBearers

Name	Value
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).
Type	Integer
Default	20
minimum	0
maximum	32
Impact	noReset
Displayed(tab/group)	ulMaxNbrOfVoIPBearers

Table 175-26 ulMinBitRateForBE

Name	Value
Description	This parameter is used to determine the required PRBs to reserve resources in CAC in UL for non-GBR bearers.
Type	Integer
Default	1
minimum	0
maximum	2048
Units	Kbits/s
Impact	noReset
Displayed(tab/group)	ulMinBitRateForBE

Table 175-27 ulOverheadConsumption

Name	Value
Description	defines UL resource consumption for UL overhead channels (RACH, PUCCH, etc..). In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	noReset
Displayed(tab/group)	ulOverheadConsumption

Table 175-28 ulPRBconsumptionPerKbps

Name	Value
Description	defines projected UL resource consumption per requested kBPS of GBR. In PRB per second per Kbps.
Type	IP address exclusively (hostname not allowed)
Default	2
minimum	0
maximum	100
Impact	fullReset
Displayed(tab/group)	ulPRBconsumptionPerKbps

Table 175-29 ulSigConsumption

Name	Value
Description	defines projected UL resource consumption for Standalone Signalling Config. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	ulSigConsumption

Table 175-30 ulTotalULresourceCount

Name	Value
Description	defines total UL resource count (includes used and unused resource). In PRB per second

Type	• 12000
	  • value: 0
	  • displayed: 12000
	• 25000
	  • value: 1
	  • displayed: 25000
	• 75000
	  • value: 2
	  • displayed: 75000
	• 50000
	  • value: 3
	  • displayed: 50000
	• 100000
	  • value: 4
	  • displayed: 100000
	• 15000
	  • value: 5
	  • displayed: 15000

Default	12000
Impact	noReset
Displayed(tab/group)	ulTotalULresourceCount

Table 175-31 ulVOIPConsumption

Name	Value
Description	defines projected UL resource consumption for a VoIP PS RAB. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	ulVOIPConsumption

176 —RadioCacConf

Table 176-1 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 176-2 dlAdmissionThreshold

Name	Value
Description	defines DL CAC threshold for the admission of a call. In %
Type	Integer
Default	90
minimum	0
maximum	100
Impact	fullReset
Displayed(tab/group)	dlAdmissionThreshold

Table 176-3 dlBEConsumption

Name	Value
Description	defines Projected DL resource consumption for a BE PS RAB. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	dlBEConsumption

Table 176-4 dlOverheadConsumption

Name	Value
Description	defines DL resource consumption for UL overhead channels (BCH,PCH etc..). In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	dlOverheadConsumption

Table 176-5 dlPRBconsumptionPerKbps

Name	Value
Description	defines Projected DL resource consumption per requested kBPS of GBR. In PRB per second per Kbps.
Type	IP address exclusively (hostname not allowed)
Default	2
minimum	0
maximum	100
Impact	fullReset
Displayed(tab/group)	dlPRBconsumptionPerKbps

Table 176-6 dlSigConsumption

Name	Value
Description	defines Projected DL resource consumption for Standalone Signalling Config. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	dlSigConsumption

Table 176-7 dlTotalDLresourceCount

Name	Value
Description	defines total DL resource count (includes used and unused resource). In PRB per second

Type	• 12000
	  • value: 0
	  • displayed: 12000
	• 25000
	  • value: 1
	  • displayed: 25000
	• 75000
	  • value: 2
	  • displayed: 75000
	• 50000
	  • value: 3
	  • displayed: 50000
	• 100000
	  • value: 4
	  • displayed: 100000
	• 15000
	  • value: 5
	  • displayed: 15000

Default	12000
Impact	fullReset
Displayed(tab/group)	dlTotalDLresourceCount

Table 176-8 dlVOIPConsumption

Name	Value
Description	defines Projected DL resource consumption for a VoIP PS RAB. In PRB per second
Type	Integer

(1 of 2)

Name	Value
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	dlVOIPConsumption

(2 of 2)

Table 176-9 id

Name	Value
Description	RadioCacConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 176-10 maxNbOfDataBearersPerUe

Name	Value
Description	This parameter defines the maximum number of data bearers (DRB) that can be configured for any UE.
Type	Integer
minimum	1
maximum	2
Impact	fullReset
Displayed(tab/group)	maxNbOfDataBearersPerUe

Table 176-11 maxNbrOfUsers

Name	Value
Description	Defines maximum number of users allowed to be active on the cell.
Type	Integer
Default	167
minimum	0

(1 of 2)

Name	Value
maximum	200
Impact	fullReset
Displayed(tab/group)	maxNbrOfUsers

(2 of 2)

Table 176-12 qCIforVoipRtpRtcp

Name	Value
Description	This parameter defines the S1 Bearer Level QoS Parameters QCI value for which the eNB will assume RTP/RTCP VoIP traffic
Type	Integer
Default	1
minimum	1
maximum	9
Impact	fullReset

Table 176-13 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

Type	• nGBR_6
	  • value: 0
	  • displayed: nGBR-6
	• GBR_4
	  • value: 1
	  • displayed: GBR-4
	• nGBR_7
	  • value: 2
	  • displayed: nGBR-7
	• GBR_2
	  • value: 3
	  • displayed: GBR-2
	• nGBR_5
	  • value: 4
	  • displayed: nGBR-5
	• GBR_3
	  • value: 5
	  • displayed: GBR-3
	• GBR_1
	  • value: 6
	  • displayed: GBR-1
	• nGBR_8
	  • value: 7
	  • displayed: nGBR-8

(1 of 2)

Name	Value

Type (continued)	• nGBR_9
	  • value: 8
	  • displayed: nGBR-9

Impact	fullReset
Displayed(tab/group)	qCIforVoipRtpRtcp

(2 of 2)

Table 176-14 ulAdmissionThreshold

Name	Value
Description	defines UL CAC threshold for the admission of a call. In %
Type	Integer
Default	90
minimum	0
maximum	100
Impact	fullReset
Displayed(tab/group)	ulAdmissionThreshold

Table 176-15 ulBEConsumption

Name	Value
Description	defines Projected UL resource consumption for a BE PS RAB. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Displayed(tab/group)	ulBEConsumption

Table 176-16 ulMaxNbrOfVoIPBearers

Name	Value
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.
Type	Integer
Default	16
minimum	0
maximum	32

(1 of 2)

Name	Value
Impact	fullReset
Displayed(tab/group)	ulMaxNbrOfVoIPBearers

(2 of 2)

Table 176-17 ulOverheadConsumption

Name	Value
Description	defines UL resource consumption for UL overhead channels (RACH, PUCCH, etc..). In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	fullReset
Displayed(tab/group)	ulOverheadConsumption

Table 176-18 ulPRBconsumptionPerKbps

Name	Value
Description	defines projected UL resource consumption per requested kBPS of GBR. In PRB per second per Kbps.
Type	IP address exclusively (hostname not allowed)
Default	2
minimum	0
maximum	100
Impact	noReset
Displayed(tab/group)	ulPRBconsumptionPerKbps

Table 176-19 ulSigConsumption

Name	Value
Description	defines projected UL resource consumption for Standalone Signalling Config. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	ulSigConsumption

(2 of 2)

Table 176-20 ulTotalULresourceCount

Name	Value
Description	defines total UL resource count (includes used and unused resource). In PRB per second

Type	• 12000
	  • value: 0
	  • displayed: 12000
	• 25000
	  • value: 1
	  • displayed: 25000
	• 75000
	  • value: 2
	  • displayed: 75000
	• 50000
	  • value: 3
	  • displayed: 50000
	• 100000
	  • value: 4
	  • displayed: 100000
	• 15000
	  • value: 5
	  • displayed: 15000

Default	12000
Impact	fullReset
Displayed(tab/group)	ulTotalULresourceCount

Table 176-21 ulVOIPConsumption

Name	Value
Description	defines projected UL resource consumption for a VoIP PS RAB. In PRB per second
Type	Integer
Default	0
minimum	0
maximum	100000
Impact	noReset
Displayed(tab/group)	ulVOIPConsumption

177 —RadioCacEnb

Table 177-1 RadioCacEnb parameters

Parameters	
id	maxNbOfDataBearersPerUe
maxNbOfDataBearersPerEnodeB	maxNumberOfCallPerEnodeB
maxNbOfDataBearersPerModemCard	maxNumberOfCallPerModemCard

Table 177-2 id

Name	Value
Description	RadioCacEnb identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 177-3 maxNbOfDataBearersPerEnodeB

Name	Value
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.
Type	Integer
Default	432
minimum	0
maximum	2268
Impact	fullReset
Displayed(tab/group)	maxNbOfDataBearersPerEnodeB

Table 177-4 maxNbOfDataBearersPerModemCard

Name	Value
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.
Type	Integer
Default	144
minimum	0
maximum	144
Impact	fullReset
Displayed(tab/group)	maxNbOfDataBearersPerModemCard

Table 177-5 maxNbOfDataBearersPerUe

Name	Value
Description	This parameter defines the maximum number of data bearers (DRB) that can be configured for any UE.
Type	Integer
minimum	1
maximum	8
Impact	noReset
Displayed(tab/group)	maxNbOfDataBearersPerUe

Table 177-6 maxNumberOfCallPerEnodeB

Name	Value
Description	Defines the max number of users that allowed per eNodeB
Type	Integer
Default	60
minimum	0
maximum	600
Impact	fullReset
Displayed(tab/group)	maxNumberOfCallPerEnodeB

Table 177-7 maxNumberOfCallPerModemCard

Name	Value
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.
Type	Integer
Default	60
minimum	0
maximum	60
Impact	fullReset
Displayed(tab/group)	maxNumberOfCallPerModemCard

178 —RadioCacFDD

Table 178-1 RadioCacFDD parameters

Parameters	
id	maxNbOfDataBearersPerUe

Table 178-2 id

Name	Value
Description	RadioCacFDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 178-3 maxNbOfDataBearersPerUe

Name	Value
Description	This parameter defines the maximum number of data bearers (DRB) that can be configured for any UE.
Type	Integer

(1 of 2)

Name	Value
minimum	1
maximum	4
Impact	noReset
Displayed(tab/group)	maxNbOfDataBearersPerUe

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179 —RadioCacTDD

Table 179-1 RadioCacTDD parameters

Parameters	
id	maxNbOfDataBearersPerUe

Table 179-2 id

Name	Value
Description	RadioCacTDD identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 179-3 maxNbOfDataBearersPerUe

Name	Value
Description	This parameter defines the maximum number of data bearers (DRB) that can be configured for any UE.
Type	Integer

(1 of 2)

Name	Value
minimum	1
maximum	4
Impact	noReset
Displayed(tab/group)	maxNbOfDataBearersPerUe

(2 of 2)

180 —RanPMPolicy

Table 180-1 RanPMPolicy parameters

Parameters	
administrativeState description displayedName	fileRetentionTime id pollingInterval

Table 180-2 administrativeState

Name	Value
Description	Allows to start/stop performance management stats collection

Type	• up
	  • value: 1
	  • displayed: Up
	• down
	  • value: 2
	  • displayed: Down

Default	down

Table 180-3 description

Name	Value
Type	string

(1 of 2)

Name	Value
minimum	0
maximum	255

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Table 180-4 displayedName

Name	Value
Type	string
minimum	0
maximum	80

Table 180-5 fileRetentionTime

Name	Value
Type	Integer
Default	5
minimum	5
maximum	60
Units	days

Table 180-6 id

Name	Value
Type	Integer
access	read-create
minimum	1
maximum	65535
Mandatory on create	Yes

Table 180-7 pollingInterval

Name	Value

Type	• 5minutes
	  • value: 300
	  • displayed: 5
	• 15minutes
	  • value: 900
	  • displayed: 15
	• 30minutes
	  • value: 1800
	  • displayed: 30
	• 60minutes
	  • value: 3600
	  • displayed: 60

Default	15minutes
Units	min

181 —RANSoftwareUpgradeFileTable

Table 181-1 RANSoftwareUpgradeFileTable parameters

Parameters	
fileName	fileSize

Table 181-2 fileName

Name	Value
Type	string
access	read-create
minimum	1
maximum	127
Mandatory on create	Yes
Displayed(tab/group)	File Name (/Upgrade Files)

Table 181-3 fileSize

Name	Value
Type	Long integer
Default	0

(1 of 2)

Name	Value
Units	bytes
Displayed(tab/group)	File Size (/Upgrade Files)

(2 of 2)

182 —RANSoftwareUpgradeTransitionStates

Table 182-1 RANSoftwareUpgradeTransitionStates parameters

Parameters	
noOfBytesAlreadyDownloaded noOfBytesToDownload	timerToWaitForFallbackToPreviousIPversion timerToWaitForFallbackToPreviousSWversion

Table 182-2 noOfBytesAlreadyDownloaded

Name	Value
Type	Long integer
Default	0
Units	bytes
Displayed(tab/group)	Number of Bytes Already Downloaded (/Download Progress)

Table 182-3 noOfBytesToDownload

Name	Value
Type	Long integer
Default	0

(1 of 2)

Name	Value
Units	bytes
Displayed(tab/group)	Number of Bytes to Download (/Download Progress)

(2 of 2)

Table 182-4 timerToWaitForFallbackToPreviousIPversion

Name	Value
Description	This parameter is used to specify the timer (minutes) to wait for eNodeB performing a full fallback to the previous IP transport configuration version when eNodeB failed to use new (updated) version. OMC can also use this parameter to detect network problems and re-configure eNodeB. The value 0 is used to turn off the Transport fallback functionality. The supported timer range is 30 .. 120 min. The default value is 30 min."
Type	Integer
Default	30
minimum	0
maximum	120
Units	min
Displayed(tab/group)	Timer to wait for fallback to previous IP version (/Fallback Timers)

Table 182-5 timerToWaitForFallbackToPreviousSWversion

Name	Value
Description	This parameter is used to specify the timer (minutes) to wait for eNodeB performing a full fallback to the previous SW version when eNodeB failed to use new (updated) version. OMC can also use this parameter to detect network problems and re-configure eNodeB. The value 0 is used to turn off the SW fallback functionality. The supported timer range is 30 .. 120 min. The default value is 0 min
Type	Integer
Default	0
minimum	0
maximum	120
Units	min
Displayed(tab/group)	Timer to wait for fallback to previous software version (/Fallback Timers)

183 —ReferencePoint

Table 183-1 ReferencePoint parameters

Parameters	
siteIdAddressType	type

Table 183-2 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

(2 of 2)

Table 183-3 type

Name	Value
Description	The type of Reference Point for which this configuration object applies.

Type	• unknown
	  • value: 0
	  • displayed: Select...
	  • not selectable
	• s1
	  • value: 1
	  • displayed: S1
	  • not selectable
	• s1u
	  • value: 2
	  • displayed: S1-u
	• s5
	  • value: 3
	  • displayed: S5
	• s8
	  • value: 4
	  • displayed: S8
	• s11
	  • value: 5
	  • displayed: S11
	• s12
	  • value: 6
	  • displayed: S12
	• s6a
	  • value: 8
	  • displayed: S6a
	  • not selectable
	• sv
	  • value: 9
	  • displayed: Sv
	  • not selectable
	• gn
	  • value: 10
	  • displayed: Gn
	  • not selectable

(1 of 2)

Name	Value

Type (continued)	• s1mme
	  • value: 11
	  • displayed: S1-mme
	  • not selectable
	• gx
	  • value: 12
	  • displayed: Gx
	• sg
	  • value: 13
	  • displayed: SG
	  • not selectable
	• s10
	  • value: 14
	  • displayed: S10
	  • not selectable
	• s3
	  • value: 15
	  • displayed: S3
	  • not selectable
	• s13
	  • value: 16
	  • displayed: S13
	  • not selectable
	• rf
	  • value: 17
	  • displayed: Rf
	  • not selectable
	• dsc
	  • value: 18
	  • displayed: Dsc
	  • not selectable
	• x2
	  • value: 19
	  • displayed: X2
	  • not selectable
	• ga
	  • value: 20
	  • displayed: Ga
	  • not selectable

access	read-create
Default	unknown
Displayed(tab/group)	EPS Subcomponent

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184 —RemoteLteCell

Table 184-1 RemoteLteCell parameters

Parameters	
id	plmnMobileCountryCode
macroEnbId	plmnMobileNetworkCode
physicalLayerCellIdentityGroupIndex	relativeCellIdentity
physicalLayerCellIdentityIndex	trackingAreaCode

Table 184-2 id

Name	Value
Description	RemoteLteCell identifier
Type	Integer
access	read-create
minimum	0
maximum	63
Mandatory on create	Yes
Displayed(tab/group)	id

Table 184-3 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
Type	string
minimum	20
maximum	20
Impact	fullReset
Displayed(tab/group)	macroEnbId

Table 184-4 physicalLayerCellIdentityGroupIndex

Name	Value
Description	The physical layer cell identity group as specified by TS 36.211, Chapter 6.11 Synchronization signals.
Type	Integer
minimum	0
maximum	167
Impact	fullReset
Displayed(tab/group)	physicalLayerCellIdentityGroupIndex

Table 184-5 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
Type	Integer
minimum	0
maximum	2
Impact	fullReset
Displayed(tab/group)	physicalLayerCellIdentityIndex

Table 184-6 plmnMobileCountryCode

Name	Value
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.

Type	• default
	  • value: 0
	  • displayed: 0 - Default
	  • not selectable
	• select
	  • value: 1
	  • displayed: Select Mobile Country Code
	  • not selectable
	• gr
	  • value: 202
	  • displayed: 202 - Greece
	• nl
	  • value: 204
	  • displayed: 204 - Netherlands
	• be
	  • value: 206
	  • displayed: 206 - Belgium
	• fr
	  • value: 208
	  • displayed: 208 - France
	• mc
	  • value: 212
	  • displayed: 212 - Monaco
	• ad
	  • value: 213
	  • displayed: 213 - Andorra
	• es
	  • value: 214
	  • displayed: 214 - Spain
	• hu
	  • value: 216
	  • displayed: 216 - Hungary
	• ba
	  • value: 218
	  • displayed: 218 - Bosnia and Herzegovina
	• hr
	  • value: 219
	  • displayed: 219 - Croatia
	• rs
	  • value: 220
	  • displayed: 220 - Serbia (Republic of)
	• it
	  • value: 222
	  • displayed: 222 - Italy
	• va
	  • value: 225
	  • displayed: 225 - Vatican City State

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Name	Value

Type (continued)	• ro
	  • value: 226
	  • displayed: 226 - Romania
	• ch
	  • value: 228
	  • displayed: 228 - Switzerland
	• cz
	  • value: 230
	  • displayed: 230 - Czech Republic
	• sk
	  • value: 231
	  • displayed: 231 - Slovakia
	• at
	  • value: 232
	  • displayed: 232 - Austria
	• gb2
	  • value: 234
	  • displayed: 234 - United Kingdom (2)
	• gb1
	  • value: 235
	  • displayed: 235 - United Kingdom (1)
	• dk
	  • value: 238
	  • displayed: 238 - Denmark
	• se
	  • value: 240
	  • displayed: 240 - Sweden
	• no
	  • value: 242
	  • displayed: 242 - Norway
	• fi
	  • value: 244
	  • displayed: 244 - Finland
	• lt
	  • value: 246
	  • displayed: 246 - Lithuania
	• lv
	  • value: 247
	  • displayed: 247 - Latvia
	• ee
	  • value: 248
	  • displayed: 248 - Estonia
	• ru
	  • value: 250
	  • displayed: 250 - Russian Federation
	• ua
	  • value: 255
	  • displayed: 255 - Ukraine
	• by
	  • value: 257
	  • displayed: 257 - Belarus
	• md
	  • value: 259
	  • displayed: 259 - Moldova

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Name	Value

Type (continued)	• pl
	  • value: 260
	  • displayed: 260 - Poland
	• de
	  • value: 262
	  • displayed: 262 - Germany
	• gi
	  • value: 266
	  • displayed: 266 - Gibraltar (UK)
	• pt
	  • value: 268
	  • displayed: 268 - Portugal
	• lu
	  • value: 270
	  • displayed: 270 - Luxembourg
	• ie
	  • value: 272
	  • displayed: 272 - Ireland
	• is
	  • value: 274
	  • displayed: 274 - Iceland
	• al
	  • value: 276
	  • displayed: 276 - Albania
	• mt
	  • value: 278
	  • displayed: 278 - Malta
	• cy
	  • value: 280
	  • displayed: 280 - Cyprus
	• ge
	  • value: 282
	  • displayed: 282 - Georgia
	• am
	  • value: 283
	  • displayed: 283 - Armenia
	• bg
	  • value: 284
	  • displayed: 284 - Bulgaria
	• tr
	  • value: 286
	  • displayed: 286 - Turkey
	• fo
	  • value: 288
	  • displayed: 288 - Faroe Islands (Denmark)
	• ak
	  • value: 289
	  • displayed: 289 - Abkhazia (Georgia)
	• gl
	  • value: 290
	  • displayed: 290 - Greenland (Denmark)
	• sm
	  • value: 292
	  • displayed: 292 - San Marino

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Name	Value

Type (continued)	• si
	  • value: 293
	  • displayed: 293 - Slovenia
	• mk
	  • value: 294
	  • displayed: 294 - Republic of Macedonia
	• li
	  • value: 295
	  • displayed: 295 - Liechtenstein
	• me
	  • value: 297
	  • displayed: 297 - Montenegro (Republic of)
	• ca
	  • value: 302
	  • displayed: 302 - Canada
	• pm
	  • value: 308
	  • displayed: 308 - Saint Pierre et Miquelon (France)
	• us1
	  • value: 310
	  • displayed: 310 - United States of America (1)
	• us2
	  • value: 311
	  • displayed: 311 - United States of America (2)
	• us3
	  • value: 312
	  • displayed: 312 - United States of America (3)
	• us4
	  • value: 313
	  • displayed: 313 - United States of America (4)
	• us5
	  • value: 314
	  • displayed: 314 - United States of America (5)
	• us6
	  • value: 315
	  • displayed: 315 - United States of America (6)
	• us7
	  • value: 316
	  • displayed: 316 - United States of America (7)
	• pr
	  • value: 330
	  • displayed: 330 - Puerto Rico (US)
	• vi
	  • value: 332
	  • displayed: 332 - United States Virgin Islands (US)
	• mx
	  • value: 334
	  • displayed: 334 - Mexico
	• jm
	  • value: 338
	  • displayed: 338 - Jamaica
	• gp
	  • value: 340
	  • displayed: 340 - Guadeloupe et Martinique (France)

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Name	Value

Type (continued)	• bb
	  • value: 342
	  • displayed: 342 - Barbados
	• ag
	  • value: 344
	  • displayed: 344 - Antigua and Barbuda
	• ky
	  • value: 346
	  • displayed: 346 - Cayman Islands (UK)
	• vg
	  • value: 348
	  • displayed: 348 - British Virgin Islands (UK)
	• bm
	  • value: 350
	  • displayed: 350 - Bermuda (UK)
	• gd
	  • value: 352
	  • displayed: 353 - Grenada
	• ms
	  • value: 354
	  • displayed: 354 - Montserrat (UK)
	• kn
	  • value: 356
	  • displayed: 356 - Saint Kitts and Nevis
	• lc
	  • value: 358
	  • displayed: 358 - Saint Lucia
	• vc
	  • value: 360
	  • displayed: 360 - Saint Vincent and the Grenadines
	• an
	  • value: 362
	  • displayed: 362 - Netherlands Antilles (Netherlands)
	• aw
	  • value: 363
	  • displayed: 363 - Aruba (Netherlands)
	• bs
	  • value: 364
	  • displayed: 364 - Bahamas
	• ai
	  • value: 365
	  • displayed: 365 - Anguilla
	• dm
	  • value: 366
	  • displayed: 366 - Dominica
	• cu
	  • value: 368
	  • displayed: 368 - Cuba
	• do
	  • value: 370
	  • displayed: 370 - Dominican Republic
	• ht
	  • value: 372
	  • displayed: 372 - Haiti

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Name	Value

Type (continued)	• tt
	  • value: 374
	  • displayed: 374 - Trinidad and Tobago
	• tc
	  • value: 376
	  • displayed: 376 - Turks and Caicos Islands (UK)
	• az
	  • value: 400
	  • displayed: 400 - Azerbaijani Republic
	• kz
	  • value: 401
	  • displayed: 401 - Kazakhstan
	• bt
	  • value: 402
	  • displayed: 402 - Bhutan
	• in1
	  • value: 404
	  • displayed: 404 - India (1)
	• in2
	  • value: 405
	  • displayed: 405 - India (2)
	• pk
	  • value: 410
	  • displayed: 410 - Pakistan
	• af
	  • value: 412
	  • displayed: 412 - Afghanistan
	• lk
	  • value: 413
	  • displayed: 413 - Sri Lanka
	• mm
	  • value: 414
	  • displayed: 414 - Myanmar
	• lb
	  • value: 415
	  • displayed: 415 - Lebanon
	• jo
	  • value: 416
	  • displayed: 416 - Jordan
	• sy
	  • value: 417
	  • displayed: 417 - Syria
	• iq
	  • value: 418
	  • displayed: 418 - Iraq
	• kw
	  • value: 419
	  • displayed: 419 - Kuwait
	• sa
	  • value: 420
	  • displayed: 420 - Saudi Arabia
	• ye
	  • value: 421
	  • displayed: 421 - Yemen

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Name	Value

Type (continued)	• om
	  • value: 422
	  • displayed: 422 - Oman
	• ps
	  • value: 423
	  • displayed: 423 - Palestine
	• ae1
	  • value: 424
	  • displayed: 424 - United Arab Emirates
	• il
	  • value: 425
	  • displayed: 425 - Israel
	• bh
	  • value: 426
	  • displayed: 426 - Bahrain
	• qa
	  • value: 427
	  • displayed: 427 - Qatar
	• mn
	  • value: 428
	  • displayed: 428 - Mongolia
	• np
	  • value: 429
	  • displayed: 429 - Nepal
	• ae2
	  • value: 430
	  • displayed: 430 - United Arab Emirates (Abu Dhabi)
	• ae3
	  • value: 431
	  • displayed: 431 - United Arab Emirates (Dubai)
	• ir
	  • value: 432
	  • displayed: 432 - Iran
	• uz
	  • value: 434
	  • displayed: 434 - Uzbekistan
	• tj
	  • value: 436
	  • displayed: 436 - Tajikistan
	• kg
	  • value: 437
	  • displayed: 437 - Kyrgyz Republic
	• tm
	  • value: 438
	  • displayed: 438 - Turkmenistan
	• jp2
	  • value: 440
	  • displayed: 440 - Japan (2)
	• jp1
	  • value: 441
	  • displayed: 441 - Japan (1)
	• kr
	  • value: 450
	  • displayed: 450 - Korea, South

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Name	Value

Type (continued)	• vn
	  • value: 452
	  • displayed: 452 - Viet Nam
	• hk
	  • value: 454
	  • displayed: 454 - Hong Kong (PRC)
	• mo
	  • value: 455
	  • displayed: 455 - Macau (PRC)
	• kh
	  • value: 456
	  • displayed: 456 - Cambodia
	• la
	  • value: 457
	  • displayed: 457 - Laos
	• cn
	  • value: 460
	  • displayed: 460 - China
	• tw
	  • value: 466
	  • displayed: 466 - Taiwan
	• kp
	  • value: 467
	  • displayed: 467 - Korea, North
	• bd
	  • value: 470
	  • displayed: 470 - Bangladesh
	• mv
	  • value: 472
	  • displayed: 472 - Maldives
	• my
	  • value: 502
	  • displayed: 502 - Malaysia
	• au
	  • value: 505
	  • displayed: 505 - Australia
	• id
	  • value: 510
	  • displayed: 510 - Indonesia
	• tl
	  • value: 514
	  • displayed: 514 - East Timor
	• ph
	  • value: 515
	  • displayed: 515 - Philippines
	• th
	  • value: 520
	  • displayed: 520 - Thailand
	• sg
	  • value: 525
	  • displayed: 525 - Singapore
	• bn
	  • value: 528
	  • displayed: 528 - Brunei Darussalam

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Name	Value

Type (continued)	• nz
	  • value: 530
	  • displayed: 530 - New Zealand
	• mp
	  • value: 534
	  • displayed: 534 - Northern Mariana Islands (US)
	• gu
	  • value: 535
	  • displayed: 535 - Guam (US)
	• nr
	  • value: 536
	  • displayed: 536 - Nauru
	• pg
	  • value: 537
	  • displayed: 537 - Papua New Guinea
	• to
	  • value: 539
	  • displayed: 539 - Tonga
	• sb
	  • value: 540
	  • displayed: 540 - Solomon Islands
	• vu
	  • value: 541
	  • displayed: 541 - Vanuatu
	• fj
	  • value: 542
	  • displayed: 542 - Fiji
	• wf
	  • value: 543
	  • displayed: 543 - Wallis et Futuna (France)
	• as
	  • value: 544
	  • displayed: 544 - American Samoa (US)
	• ki
	  • value: 545
	  • displayed: 545 - Kiribati
	• nc
	  • value: 546
	  • displayed: 546 - New Caledonia (France)
	• pf
	  • value: 547
	  • displayed: 547 - French Polynesia (France)
	• ck
	  • value: 548
	  • displayed: 548 - Cook Islands (NZ)
	• ws
	  • value: 549
	  • displayed: 549 - Samoa
	• fm
	  • value: 550
	  • displayed: 550 - Federated States of Micronesia
	• mh
	  • value: 551
	  • displayed: 551 - Marshall Islands

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Name	Value

Type (continued)	• pw
	  • value: 552
	  • displayed: 552 - Palau
	• eg
	  • value: 602
	  • displayed: 602 - Egypt
	• dz
	  • value: 603
	  • displayed: 603 - Algeria
	• ma
	  • value: 604
	  • displayed: 604 - Morocco
	• tn
	  • value: 605
	  • displayed: 605 - Tunisia
	• ly
	  • value: 606
	  • displayed: 606 - Libya
	• gm
	  • value: 607
	  • displayed: 607 - Gambia
	• sn
	  • value: 608
	  • displayed: 608 - Senegal
	• mr
	  • value: 609
	  • displayed: 609 - Mauritania
	• ml
	  • value: 610
	  • displayed: 610 - Mali
	• gn
	  • value: 611
	  • displayed: 611 - Guinea
	• ci
	  • value: 612
	  • displayed: 612 - Cote d'Ivoire
	• bf
	  • value: 613
	  • displayed: 613 - Burkina Faso
	• ne
	  • value: 614
	  • displayed: 614 - Niger
	• tg
	  • value: 615
	  • displayed: 615 - Togolese Republic
	• bj
	  • value: 616
	  • displayed: 616 - Benin
	• mu
	  • value: 617
	  • displayed: 617 - Mauritius
	• lr
	  • value: 618
	  • displayed: 618 - Liberia

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Name	Value

Type (continued)	• sl
	  • value: 619
	  • displayed: 619 - Sierra Leone
	• gh
	  • value: 620
	  • displayed: 620 - Ghana
	• ng
	  • value: 621
	  • displayed: 621 - Nigeria
	• td
	  • value: 622
	  • displayed: 622 - Chad
	• cf
	  • value: 623
	  • displayed: 623 - Central African Republic
	• cm
	  • value: 624
	  • displayed: 624 - Cameroon
	• cv
	  • value: 625
	  • displayed: 625 - Cape Verde
	• st
	  • value: 626
	  • displayed: 626 - Sao Tome and Principe
	• gq
	  • value: 627
	  • displayed: 627 - Equatorial Guinea
	• ga
	  • value: 628
	  • displayed: 628 - Gabonese Republic
	• cg
	  • value: 629
	  • displayed: 629 - Republic of the Congo
	• cd
	  • value: 630
	  • displayed: 630 - Democratic Republic of the Congo
	• ao
	  • value: 631
	  • displayed: 631 - Angola
	• gw
	  • value: 632
	  • displayed: 632 - Guinea-Bissau
	• sc
	  • value: 633
	  • displayed: 633 - Seychelles
	• sd
	  • value: 634
	  • displayed: 634 - Sudan
	• rw
	  • value: 635
	  • displayed: 635 - Rwandese Republic
	• et
	  • value: 636
	  • displayed: 636 - Ethiopia

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Name	Value

Type (continued)	• so
	  • value: 637
	  • displayed: 637 - Somalia
	• dj
	  • value: 638
	  • displayed: 638 - Djibouti
	• ke
	  • value: 639
	  • displayed: 639 - Kenya
	• tz
	  • value: 640
	  • displayed: 640 - Tanzania
	• ug
	  • value: 641
	  • displayed: 641 - Uganda
	• bi
	  • value: 642
	  • displayed: 642 - Burundi
	• mz
	  • value: 643
	  • displayed: 643 - Mozambique
	• zm
	  • value: 645
	  • displayed: 645 - Zambia
	• mg
	  • value: 646
	  • displayed: 646 - Madagascar
	• re
	  • value: 647
	  • displayed: 647 - Reunion (France)
	• zw
	  • value: 648
	  • displayed: 648 - Zimbabwe
	• na
	  • value: 649
	  • displayed: 649 - Namibia
	• mw
	  • value: 650
	  • displayed: 650 - Malawi
	• ls
	  • value: 651
	  • displayed: 651 - Lesotho
	• bw
	  • value: 652
	  • displayed: 652 - Botswana
	• sz
	  • value: 653
	  • displayed: 653 - Swaziland
	• km
	  • value: 654
	  • displayed: 654 - Comoros
	• za
	  • value: 655
	  • displayed: 655 - South Africa

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Name	Value

Type (continued)	• er
	  • value: 657
	  • displayed: 657 - Eritrea
	• bz
	  • value: 702
	  • displayed: 702 - Belize
	• gt
	  • value: 704
	  • displayed: 704 - Guatemala
	• sv
	  • value: 706
	  • displayed: 706 - El Salvador
	• hn
	  • value: 708
	  • displayed: 708 - Honduras
	• ni
	  • value: 710
	  • displayed: 710 - Nicaragua
	• cr
	  • value: 712
	  • displayed: 712 - Costa Rica
	• pa
	  • value: 714
	  • displayed: 714 - Panama
	• pe
	  • value: 716
	  • displayed: 716 - Peru
	• ar
	  • value: 722
	  • displayed: 722 - Argentine Republic
	• br
	  • value: 724
	  • displayed: 724 - Brazil
	• cl
	  • value: 730
	  • displayed: 730 - Chile
	• co
	  • value: 732
	  • displayed: 732 - Colombia
	• ve
	  • value: 734
	  • displayed: 734 - Venezuela
	• bo
	  • value: 736
	  • displayed: 736 - Bolivia
	• gy
	  • value: 738
	  • displayed: 738 - Guyana
	• ec
	  • value: 740
	  • displayed: 740 - Ecuador
	• gf
	  • value: 742
	  • displayed: 742 - French Guiana (France)

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Name	Value

Type (continued)	• py
	  • value: 744
	  • displayed: 744 - Paraguay
	• sr
	  • value: 746
	  • displayed: 746 - Suriname
	• uy
	  • value: 748
	  • displayed: 748 - Uruguay
	• fk
	  • value: 750
	  • displayed: 750 - Falkland Islands (Malvinas)

Default	select
Impact	fullReset
Displayed(tab/group)	plmnMobileCountryCode

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Table 184-7 plmnMobileNetworkCode

Name	Value
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.
Type	string
Default	00
minimum	2
maximum	3
Impact	fullReset
Displayed(tab/group)	plmnMobileNetworkCode

Table 184-8 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
Type	string
minimum	8
maximum	8
Impact	fullReset
Displayed(tab/group)	relativeCellIdentity

Table 184-9 trackingAreaCode

Name	Value
Description	This parameters identifies the Tracking Area Code to which belongs the cell Defined in TS 36.331
Type	string
minimum	16
maximum	16
Impact	fullReset
Displayed(tab/group)	trackingAreaCode

185 —ReportConfigCDMA2000

Table 185-1 ReportConfigCDMA2000 parameters

Parameters	
hysteresis	thresholdCdma2000
id	thresholdEutraRsrpB2
maxReportCells	thresholdEutraRsrqB2
reportAmount	timeToTrigger
reportInterval	triggerTypeInterRAT

Table 185-2 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.
Type	IP address exclusively (hostname not allowed)
minimum	0
maximum	15
Units	dB
Impact	noReset
Displayed(tab/group)	hysteresis

Table 185-3 id

Name	Value
Description	ReportConfigCDMA2000 identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 185-4 maxReportCells

Name	Value
Description	This parameter configures the IE maxReportCells included in the IE ReportConfigInterRAT in the MeasConfig IE. See TS36.331
Type	Integer
Default	2
minimum	1
maximum	8
Impact	noReset
Displayed(tab/group)	maxReportCells

Table 185-5 reportAmount

Name	Value
Description	This parameter configures the IE reportAmount included in the IE ReportConfigInterRAT in the MeasConfig IE. See TS36.331

Type	• r64
	  • value: 0
	  • displayed: 64 Reports
	• r16
	  • value: 1
	  • displayed: 16 Reports
	• r32
	  • value: 2
	  • displayed: 32 Reports
	• r8
	  • value: 3
	  • displayed: 8 Reports

(1 of 2)

Name	Value

Type (continued)	• r1
	  • value: 4
	  • displayed: 1 Report
	• r2
	  • value: 5
	  • displayed: 2 Reports
	• infinity
	  • value: 6
	  • displayed: Infinity
	• r4
	  • value: 7
	  • displayed: 4 Reports

Default	r4
Impact	noReset
Displayed(tab/group)	reportAmount

(2 of 2)

Table 185-6 reportInterval

Name	Value
Description	This parameter configures the IE reportInterval included in the IE ReportConfigInterRAT in the MeasConfig IE. See TS36.331

Type	• ms1024
	  • value: 0
	  • displayed: 1024 ms Interval
	• min60
	  • value: 1
	  • displayed: Min 60 Reports
	• ms640
	  • value: 2
	  • displayed: 640 ms Inverval
	• ms480
	  • value: 3
	  • displayed: 480 ms Interval
	• min30
	  • value: 4
	  • displayed: Min 30 Reports
	• min6
	  • value: 5
	  • displayed: Min 6 Reports
	• ms5120
	  • value: 6
	  • displayed: 5120 ms Interval
	• ms120
	  • value: 7
	  • displayed: 120 ms Interval
	• ms10240
	  • value: 8
	  • displayed: 10240 ms Interval

(1 of 2)

Name	Value

Type (continued)	• min1
	  • value: 9
	  • displayed: Min 1 Reports
	• min12
	  • value: 10
	  • displayed: Min 12 Reports
	• ms2048
	  • value: 11
	  • displayed: 2048 ms Interval
	• ms240
	  • value: 12
	  • displayed: 240 ms Interval

Default	ms120
Impact	noReset
Displayed(tab/group)	reportInterval

(2 of 2)

Table 185-7 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.
Type	IP address exclusively (hostname not allowed)
minimum	-31.5
maximum	0
Units	dB
Impact	noReset
Displayed(tab/group)	thresholdCdma2000

Table 185-8 thresholdEutraRsrpB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is IE value 140 dBm. See TS 36.331.
Type	Integer
minimum	-140
maximum	-43

(1 of 2)

Name	Value
Units	dBm
Impact	noReset
Displayed(tab/group)	thresholdEutraRsrpB2
Note: The value of this parameter can be unset.	

(2 of 2)

Table 185-9 thresholdEutraRsrqB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRQ included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is (IE value 40)/2 dB. See TS 36.331.
Type	IP address exclusively (hostname not allowed)
minimum	-20
maximum	-3
Units	dB
Impact	noReset
Displayed(tab/group)	thresholdEutraRsrqB2
Note: The value of this parameter can be unset.	

Table 185-10 timeToTrigger

Name	Value
Description	This parameter configures the IE TimeToTrigger included in the IE ReportConfigInterRAT in the MeasConfig IE. See TS36.331.

Type	• ms0
	  • value: 0
	  • displayed: Ms0
	• ms40
	  • value: 1
	  • displayed: Ms40
	• ms64
	  • value: 2
	  • displayed: Ms64
	• ms80
	  • value: 3
	  • displayed: Ms80
	• ms100
	  • value: 4
	  • displayed: Ms100
	• ms128
	  • value: 5
	  • displayed: Ms128

(1 of 2)

Name	Value

Type (continued)	• ms160
	  • value: 6
	  • displayed: Ms160
	• ms256
	  • value: 7
	  • displayed: Ms256
	• ms320
	  • value: 8
	  • displayed: Ms320
	• ms480
	  • value: 9
	  • displayed: Ms480
	• ms512
	  • value: 10
	  • displayed: Ms512
	• ms640
	  • value: 11
	  • displayed: Ms640
	• ms1024
	  • value: 12
	  • displayed: Ms1024
	• ms1280
	  • value: 13
	  • displayed: Ms1280
	• ms2560
	  • value: 14
	  • displayed: Ms2560
	• ms5120
	  • value: 15
	  • displayed: Ms5120

Units	s
Impact	noReset
Displayed(tab/group)	timeToTrigger

(2 of 2)

Table 185-11 triggerTypeInterRAT

Name	Value
Description	This parameter configures the IE triggerType included in the IE ReportConfigInterRAT in the IE MeasConfig. See TS36.331

Type	• eventB2
	  • value: 0
	  • displayed: Event B2
	• eventB1
	  • value: 1
	  • displayed: Event B1
	• periodicalSon
	  • value: 2
	  • displayed: Periodical Son

Default	eventB2

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	triggerTypeInterRAT

(2 of 2)

186 —ReportConfigEUTRA

Table 186-1 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 186-2 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)
Type	IP address exclusively (hostname not allowed)
minimum	-30
maximum	30
Units	dB
Impact	noReset

(1 of 2)

Name	Value
Displayed(tab/group)	eventA3Offset
Note: The value of this parameter can be unset.	

(2 of 2)

Table 186-3 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)
Type	IP address exclusively (hostname not allowed)
minimum	0
maximum	30
Units	dB
Impact	noReset
Displayed(tab/group)	hysteresis

Table 186-4 id

Name	Value
Description	ReportConfigEUTRA identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 186-5 maxReportCells

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE maxReportCells included in the IE reportConfigEUTRA in the MeasurementConfiguration IE
Type	Integer
minimum	1
maximum	8

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	maxReportCells

(2 of 2)

Table 186-6 reportAmount

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE reportAmount included in the IE reportConfigEUTRA in the MeasurementConfiguration IE

Type	• r64
	  • value: 0
	  • displayed: 64 Reports
	• r16
	  • value: 1
	  • displayed: 16 Reports
	• r32
	  • value: 2
	  • displayed: 32 Reports
	• r8
	  • value: 3
	  • displayed: 8 Reports
	• r1
	  • value: 4
	  • displayed: 1 Report
	• r2
	  • value: 5
	  • displayed: 2 Reports
	• infinity
	  • value: 6
	  • displayed: Infinity
	• r4
	  • value: 7
	  • displayed: 4 Reports

Impact	noReset
Displayed(tab/group)	reportAmount

Table 186-7 reportInterval

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE reportInterval included in the IE reportConfigEUTRA in the MeasurementConfiguration IE

Type	• ms1024
	  • value: 0
	  • displayed: 1024 ms Interval

(1 of 2)

Name	Value

Type (continued)	• min60
	  • value: 1
	  • displayed: Min 60 Reports
	• ms640
	  • value: 2
	  • displayed: 640 ms Inverval
	• ms480
	  • value: 3
	  • displayed: 480 ms Interval
	• min30
	  • value: 4
	  • displayed: Min 30 Reports
	• min6
	  • value: 5
	  • displayed: Min 6 Reports
	• ms5120
	  • value: 6
	  • displayed: 5120 ms Interval
	• ms120
	  • value: 7
	  • displayed: 120 ms Interval
	• ms10240
	  • value: 8
	  • displayed: 10240 ms Interval
	• min1
	  • value: 9
	  • displayed: Min 1 Reports
	• min12
	  • value: 10
	  • displayed: Min 12 Reports
	• ms2048
	  • value: 11
	  • displayed: 2048 ms Interval
	• ms240
	  • value: 12
	  • displayed: 240 ms Interval

Impact	noReset
Displayed(tab/group)	reportInterval

(2 of 2)

Table 186-8 reportQuantity

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE reportQuantity included in the IE reportConfigEUTRA in the MeasurementConfiguration IE

Type	• both
	  • value: 0
	  • displayed: Both
	• sameAsTriggerQuantity
	  • value: 1
	  • displayed: Same As Trigger Quantity

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	reportQuantity

(2 of 2)

Table 186-9 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.
Type	Integer
Default	-140
minimum	-140
maximum	-43
Impact	noReset
Displayed(tab/group)	threshold2EutraRsrp
Note: The value of this parameter can be unset.	

Table 186-10 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.

Type	• minus70_to_minus69
	  • value: 0
	  • displayed: [-70,-69]
	• minus56_to_minus55
	  • value: 1
	  • displayed: [-56,-55]
	• minus47_to_minus46
	  • value: 2
	  • displayed: [-47,-46]
	• minus126_to_minus125
	  • value: 3
	  • displayed: [-126,-125]
	• minus51_to_minus50
	  • value: 4
	  • displayed: [-51,-50]
	• minus65_to_minus64
	  • value: 5
	  • displayed: [-65,-64]

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Name	Value

Type (continued)	• minus49_to_minus48
	  • value: 6
	  • displayed: [-49,-48]
	• minus57_to_minus56
	  • value: 7
	  • displayed: [-57,-56]
	• minus119_to_minus118
	  • value: 8
	  • displayed: [-119,-118]
	• minus106_to_minus105
	  • value: 9
	  • displayed: [-106,-105]
	• more_than_minus44
	  • value: 10
	  • displayed: more-than-minus44
	• minus132_to_minus131
	  • value: 11
	  • displayed: [-132,-131]
	• minus87_to_minus86
	  • value: 12
	  • displayed: [-87,-86]
	• minus81_to_minus80
	  • value: 13
	  • displayed: [-81,-80]
	• minus116_to_minus115
	  • value: 14
	  • displayed: [-116,-115]
	• minus120_to_minus119
	  • value: 15
	  • displayed: [-120,-119]
	• minus117_to_minus116
	  • value: 16
	  • displayed: [-117,-116]
	• minus95_to_minus94
	  • value: 17
	  • displayed: [-95,-94]
	• minus136_to_minus135
	  • value: 18
	  • displayed: [-136,-135]
	• minus100_to_minus99
	  • value: 19
	  • displayed: [-100,-99]
	• minus121_to_minus120
	  • value: 20
	  • displayed: [-121,-120]
	• minus96_to_minus95
	  • value: 21
	  • displayed: [-96,-95]
	• minus108_to_minus107
	  • value: 22
	  • displayed: [-108,-107]
	• minus109_to_minus108
	  • value: 23
	  • displayed: [-109,-108]

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Name	Value

Type (continued)	• minus134_to_minus133
	  • value: 24
	  • displayed: [-134,-133]
	• minus79_to_minus78
	  • value: 25
	  • displayed: [-79,-78]
	• minus102_to_minus101
	  • value: 26
	  • displayed: [-102,-101]
	• minus75_to_minus74
	  • value: 27
	  • displayed: [-75,-74]
	• minus83_to_minus82
	  • value: 28
	  • displayed: [-83,-82]
	• minus140_to_minus139
	  • value: 29
	  • displayed: [-140,-139]
	• minus92_to_minus91
	  • value: 30
	  • displayed: [-92,-91]
	• minus101_to_minus100
	  • value: 31
	  • displayed: [-101,-100]
	• minus125_to_minus124
	  • value: 32
	  • displayed: [-125,-124]
	• minus45_to_minus44
	  • value: 33
	  • displayed: [-45,-44]
	• minus55_to_minus54
	  • value: 34
	  • displayed: [-55,-54]
	• minus78_to_minus77
	  • value: 35
	  • displayed: [-78,-77]
	• minus72_to_minus71
	  • value: 36
	  • displayed: [-72,-71]
	• minus90_to_minus89
	  • value: 37
	  • displayed: [-90,-89]
	• minus85_to_minus84
	  • value: 38
	  • displayed: [-85,-84]
	• minus67_to_minus66
	  • value: 39
	  • displayed: [-67,-66]
	• less_than_minus140
	  • value: 40
	  • displayed: less-than-minus140
	• minus110_to_minus109
	  • value: 41
	  • displayed: [-110,-109]

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Name	Value

Type (continued)	• minus129_to_minus128
	  • value: 42
	  • displayed: [-129,-128]
	• minus52_to_minus51
	  • value: 43
	  • displayed: [-52,-51]
	• minus135_to_minus134
	  • value: 44
	  • displayed: [-135,-134]
	• minus69_to_minus68
	  • value: 45
	  • displayed: [-69,-68]
	• minus74_to_minus73
	  • value: 46
	  • displayed: [-74,-73]
	• minus61_to_minus60
	  • value: 47
	  • displayed: [-61,-60]
	• minus113_to_minus112
	  • value: 48
	  • displayed: [-113,-112]
	• minus86_to_minus85
	  • value: 49
	  • displayed: [-86,-85]
	• minus103_to_minus102
	  • value: 50
	  • displayed: [-103,-102]
	• minus124_to_minus123
	  • value: 51
	  • displayed: [-124,-123]
	• minus128_to_minus127
	  • value: 52
	  • displayed: [-128,-127]
	• minus63_to_minus62
	  • value: 53
	  • displayed: [-63,-62]
	• minus115_to_minus114
	  • value: 54
	  • displayed: [-115,-114]
	• minus138_to_minus137
	  • value: 55
	  • displayed: [-138,-137]
	• minus66_to_minus65
	  • value: 56
	  • displayed: [-66,-65]
	• minus94_to_minus93
	  • value: 57
	  • displayed: [-94,-93]
	• minus71_to_minus70
	  • value: 58
	  • displayed: [-71,-70]
	• minus111_to_minus110
	  • value: 59
	  • displayed: [-111,-110]

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Name	Value

Type (continued)	• minus93_to_minus92
	  • value: 60
	  • displayed: [-93,-92]
	• minus91_to_minus90
	  • value: 61
	  • displayed: [-91,-90]
	• minus73_to_minus72
	  • value: 62
	  • displayed: [-73,-72]
	• minus46_to_minus45
	  • value: 63
	  • displayed: [-46,-45]
	• minus64_to_minus63
	  • value: 64
	  • displayed: [-64,-63]
	• minus54_to_minus53
	  • value: 65
	  • displayed: [-54,-53]
	• minus104_to_minus103
	  • value: 66
	  • displayed: [-104,-103]
	• minus88_to_minus87
	  • value: 67
	  • displayed: [-88,-87]
	• minus122_to_minus121
	  • value: 68
	  • displayed: [-122,-121]
	• minus112_to_minus111
	  • value: 69
	  • displayed: [-112,-111]
	• minus123_to_minus122
	  • value: 70
	  • displayed: [-123,-122]
	• minus76_to_minus75
	  • value: 71
	  • displayed: [-76,-75]
	• minus53_to_minus52
	  • value: 72
	  • displayed: [-53,-52]
	• minus114_to_minus113
	  • value: 73
	  • displayed: [-114,-113]
	• minus130_to_minus129
	  • value: 74
	  • displayed: [-130,-129]
	• minus131_to_minus130
	  • value: 75
	  • displayed: [-131,-130]
	• minus59_to_minus58
	  • value: 76
	  • displayed: [-59,-58]
	• minus99_to_minus98
	  • value: 77
	  • displayed: [-99,-98]

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Name	Value

Type (continued)	• minus105_to_minus104
	  • value: 78
	  • displayed: [-105,-104]
	• minus118_to_minus117
	  • value: 79
	  • displayed: [-118,-117]
	• minus60_to_minus59
	  • value: 80
	  • displayed: [-60,-59]
	• minus107_to_minus106
	  • value: 81
	  • displayed: [-107,-106]
	• minus68_to_minus67
	  • value: 82
	  • displayed: [-68,-67]
	• minus48_to_minus47
	  • value: 83
	  • displayed: [-48,-47]
	• minus77_to_minus76
	  • value: 84
	  • displayed: [-77,-76]
	• minus97_to_minus96
	  • value: 85
	  • displayed: [-97,-96]
	• minus137_to_minus136
	  • value: 86
	  • displayed: [-137,-136]
	• minus50_to_minus49
	  • value: 87
	  • displayed: [-50,-49]
	• minus133_to_minus132
	  • value: 88
	  • displayed: [-133,-132]
	• minus127_to_minus126
	  • value: 89
	  • displayed: [-127,-126]
	• minus84_to_minus83
	  • value: 90
	  • displayed: [-84,-83]
	• minus89_to_minus88
	  • value: 91
	  • displayed: [-89,-88]
	• minus58_to_minus57
	  • value: 92
	  • displayed: [-58,-57]
	• minus98_to_minus97
	  • value: 93
	  • displayed: [-98,-97]
	• minus80_to_minus79
	  • value: 94
	  • displayed: [-80,-79]
	• minus139_to_minus138
	  • value: 95
	  • displayed: [-139,-138]

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Name	Value

Type (continued)	• minus62_to_minus61
	  • value: 96
	  • displayed: [-62,-61]
	• minus82_to_minus81
	  • value: 97
	  • displayed: [-82,-81]

Impact	noReset
Displayed(tab/group)	threshold2EutraRsrp
Note: The value of this parameter can be unset.	

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Table 186-11 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.
Type	IP address exclusively (hostname not allowed)
Default	-20
minimum	-20
maximum	-3
Impact	noReset
Displayed(tab/group)	threshold2EutraRsrq
Note: The value of this parameter can be unset.	

Table 186-12 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.

Type	• minus8_to_minus7dot5
	  • value: 0
	  • displayed: [-8,-7.5]
	• minus18dot5_to_minus18
	  • value: 1
	  • displayed: [-18.5,-18]
	• minus15_to_minus14dot5
	  • value: 2
	  • displayed: [-15,-14.5]

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Name	Value

Type (continued)	• minus14dot5_to_minus14
	  • value: 3
	  • displayed: [-14.5,-14]
	• minus5dot5_to_minus5
	  • value: 4
	  • displayed: [-5.5,-5]
	• less_than_minus19dot5
	  • value: 5
	  • displayed: Less Than -19.5
	• minus18_to_minus17dot5
	  • value: 6
	  • displayed: [-18,-17.5]
	• minus11dot5_to_minus11
	  • value: 7
	  • displayed: [-11.5,-11]
	• minus7_to_minus6dot5
	  • value: 8
	  • displayed: [-7,-6.5]
	• minus10_to_minus9dot5
	  • value: 9
	  • displayed: [-10,-9.5]
	• minus12_to_minus11dot5
	  • value: 10
	  • displayed: [-12,-11.5]
	• more_than_minus3
	  • value: 11
	  • displayed: More Than -3
	• minus17dot5_to_minus17
	  • value: 12
	  • displayed: [-17.5,-17]
	• minus7dot5_to_minus7
	  • value: 13
	  • displayed: [-7.5,-7]
	• minus3dot5_to_minus3
	  • value: 14
	  • displayed: [-3.5,-3]
	• minus13dot5_to_minus13
	  • value: 15
	  • displayed: [-13.5,-13]
	• minus12dot5_to_minus12
	  • value: 16
	  • displayed: [-12.5,-12]
	• minus19_to_minus18dot5
	  • value: 17
	  • displayed: [-19,-18.5]
	• minus8dot5_to_minus8
	  • value: 18
	  • displayed: [-8.5,-8]
	• minus15dot5_to_minus15
	  • value: 19
	  • displayed: [-15.5,-15]
	• minus11_to_minus10dot5
	  • value: 20
	  • displayed: [-11,-10.5]

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Name	Value

Type (continued)	• minus9_to_minus8dot5
	  • value: 21
	  • displayed: [-9,-8.5]
	• minus6dot5_to_minus6
	  • value: 22
	  • displayed: [-6.5,-6]
	• minus16dot5_to_minus16
	  • value: 23
	  • displayed: [-16.5,-16]
	• minus9dot5_to_minus9
	  • value: 24
	  • displayed: [-9.5,-9]
	• minus5_to_minus4dot5
	  • value: 25
	  • displayed: [-5,-4.5]
	• minus16_to_minus15dot5
	  • value: 26
	  • displayed: [-16,-15.5]
	• minus4dot5_to_minus4
	  • value: 27
	  • displayed: [-4.5,-4]
	• minus6_to_minus5dot5
	  • value: 28
	  • displayed: [-6,-5.5]
	• minus17_to_minus16dot5
	  • value: 29
	  • displayed: [-17,-16.5]
	• minus13_to_minus12dot5
	  • value: 30
	  • displayed: [-13,-12.5]
	• minus4_to_minus3dot5
	  • value: 31
	  • displayed: [-4,-3.5]
	• minus10dot5_to_minus10
	  • value: 32
	  • displayed: [-10.5,-10]
	• minus19dot5_to_minus19
	  • value: 33
	  • displayed: [-19.5,-19]
	• minus14_to_minus13dot5
	  • value: 34
	  • displayed: [-14,-13.5]

Impact	noReset
Displayed(tab/group)	threshold2EutraRsrq
Note: The value of this parameter can be unset.	

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Table 186-13 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.
Type	Integer
Default	-140
minimum	-140
maximum	-43
Impact	noReset
Displayed(tab/group)	thresholdEutraRsrp
Note: The value of this parameter can be unset.	

Table 186-14 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.

Type	• minus70_to_minus69
	  • value: 0
	  • displayed: [-70,-69]
	• minus56_to_minus55
	  • value: 1
	  • displayed: [-56,-55]
	• minus47_to_minus46
	  • value: 2
	  • displayed: [-47,-46]
	• minus126_to_minus125
	  • value: 3
	  • displayed: [-126,-125]
	• minus51_to_minus50
	  • value: 4
	  • displayed: [-51,-50]
	• minus65_to_minus64
	  • value: 5
	  • displayed: [-65,-64]
	• minus49_to_minus48
	  • value: 6
	  • displayed: [-49,-48]
	• minus57_to_minus56
	  • value: 7
	  • displayed: [-57,-56]
	• minus119_to_minus118
	  • value: 8
	  • displayed: [-119,-118]

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Name	Value

Type (continued)	• minus106_to_minus105
	  • value: 9
	  • displayed: [-106,-105]
	• more_than_minus44
	  • value: 10
	  • displayed: more-than-minus44
	• minus132_to_minus131
	  • value: 11
	  • displayed: [-132,-131]
	• minus87_to_minus86
	  • value: 12
	  • displayed: [-87,-86]
	• minus81_to_minus80
	  • value: 13
	  • displayed: [-81,-80]
	• minus116_to_minus115
	  • value: 14
	  • displayed: [-116,-115]
	• minus120_to_minus119
	  • value: 15
	  • displayed: [-120,-119]
	• minus117_to_minus116
	  • value: 16
	  • displayed: [-117,-116]
	• minus95_to_minus94
	  • value: 17
	  • displayed: [-95,-94]
	• minus136_to_minus135
	  • value: 18
	  • displayed: [-136,-135]
	• minus100_to_minus99
	  • value: 19
	  • displayed: [-100,-99]
	• minus121_to_minus120
	  • value: 20
	  • displayed: [-121,-120]
	• minus96_to_minus95
	  • value: 21
	  • displayed: [-96,-95]
	• minus108_to_minus107
	  • value: 22
	  • displayed: [-108,-107]
	• minus109_to_minus108
	  • value: 23
	  • displayed: [-109,-108]
	• minus134_to_minus133
	  • value: 24
	  • displayed: [-134,-133]
	• minus79_to_minus78
	  • value: 25
	  • displayed: [-79,-78]
	• minus102_to_minus101
	  • value: 26
	  • displayed: [-102,-101]

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Name	Value

Type (continued)	• minus75_to_minus74
	  • value: 27
	  • displayed: [-75,-74]
	• minus83_to_minus82
	  • value: 28
	  • displayed: [-83,-82]
	• minus140_to_minus139
	  • value: 29
	  • displayed: [-140,-139]
	• minus92_to_minus91
	  • value: 30
	  • displayed: [-92,-91]
	• minus101_to_minus100
	  • value: 31
	  • displayed: [-101,-100]
	• minus125_to_minus124
	  • value: 32
	  • displayed: [-125,-124]
	• minus45_to_minus44
	  • value: 33
	  • displayed: [-45,-44]
	• minus55_to_minus54
	  • value: 34
	  • displayed: [-55,-54]
	• minus78_to_minus77
	  • value: 35
	  • displayed: [-78,-77]
	• minus72_to_minus71
	  • value: 36
	  • displayed: [-72,-71]
	• minus90_to_minus89
	  • value: 37
	  • displayed: [-90,-89]
	• minus85_to_minus84
	  • value: 38
	  • displayed: [-85,-84]
	• minus67_to_minus66
	  • value: 39
	  • displayed: [-67,-66]
	• less_than_minus140
	  • value: 40
	  • displayed: less-than-minus140
	• minus110_to_minus109
	  • value: 41
	  • displayed: [-110,-109]
	• minus129_to_minus128
	  • value: 42
	  • displayed: [-129,-128]
	• minus52_to_minus51
	  • value: 43
	  • displayed: [-52,-51]
	• minus135_to_minus134
	  • value: 44
	  • displayed: [-135,-134]

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Name	Value

Type (continued)	• minus69_to_minus68
	  • value: 45
	  • displayed: [-69,-68]
	• minus74_to_minus73
	  • value: 46
	  • displayed: [-74,-73]
	• minus61_to_minus60
	  • value: 47
	  • displayed: [-61,-60]
	• minus113_to_minus112
	  • value: 48
	  • displayed: [-113,-112]
	• minus86_to_minus85
	  • value: 49
	  • displayed: [-86,-85]
	• minus103_to_minus102
	  • value: 50
	  • displayed: [-103,-102]
	• minus124_to_minus123
	  • value: 51
	  • displayed: [-124,-123]
	• minus128_to_minus127
	  • value: 52
	  • displayed: [-128,-127]
	• minus63_to_minus62
	  • value: 53
	  • displayed: [-63,-62]
	• minus115_to_minus114
	  • value: 54
	  • displayed: [-115,-114]
	• minus138_to_minus137
	  • value: 55
	  • displayed: [-138,-137]
	• minus66_to_minus65
	  • value: 56
	  • displayed: [-66,-65]
	• minus94_to_minus93
	  • value: 57
	  • displayed: [-94,-93]
	• minus71_to_minus70
	  • value: 58
	  • displayed: [-71,-70]
	• minus111_to_minus110
	  • value: 59
	  • displayed: [-111,-110]
	• minus93_to_minus92
	  • value: 60
	  • displayed: [-93,-92]
	• minus91_to_minus90
	  • value: 61
	  • displayed: [-91,-90]
	• minus73_to_minus72
	  • value: 62
	  • displayed: [-73,-72]

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Name	Value

Type (continued)	• minus46_to_minus45
	  • value: 63
	  • displayed: [-46,-45]
	• minus64_to_minus63
	  • value: 64
	  • displayed: [-64,-63]
	• minus54_to_minus53
	  • value: 65
	  • displayed: [-54,-53]
	• minus104_to_minus103
	  • value: 66
	  • displayed: [-104,-103]
	• minus88_to_minus87
	  • value: 67
	  • displayed: [-88,-87]
	• minus122_to_minus121
	  • value: 68
	  • displayed: [-122,-121]
	• minus112_to_minus111
	  • value: 69
	  • displayed: [-112,-111]
	• minus123_to_minus122
	  • value: 70
	  • displayed: [-123,-122]
	• minus76_to_minus75
	  • value: 71
	  • displayed: [-76,-75]
	• minus53_to_minus52
	  • value: 72
	  • displayed: [-53,-52]
	• minus114_to_minus113
	  • value: 73
	  • displayed: [-114,-113]
	• minus130_to_minus129
	  • value: 74
	  • displayed: [-130,-129]
	• minus131_to_minus130
	  • value: 75
	  • displayed: [-131,-130]
	• minus59_to_minus58
	  • value: 76
	  • displayed: [-59,-58]
	• minus99_to_minus98
	  • value: 77
	  • displayed: [-99,-98]
	• minus105_to_minus104
	  • value: 78
	  • displayed: [-105,-104]
	• minus118_to_minus117
	  • value: 79
	  • displayed: [-118,-117]
	• minus60_to_minus59
	  • value: 80
	  • displayed: [-60,-59]

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Name	Value

Type (continued)	• minus107_to_minus106
	  • value: 81
	  • displayed: [-107,-106]
	• minus68_to_minus67
	  • value: 82
	  • displayed: [-68,-67]
	• minus48_to_minus47
	  • value: 83
	  • displayed: [-48,-47]
	• minus77_to_minus76
	  • value: 84
	  • displayed: [-77,-76]
	• minus97_to_minus96
	  • value: 85
	  • displayed: [-97,-96]
	• minus137_to_minus136
	  • value: 86
	  • displayed: [-137,-136]
	• minus50_to_minus49
	  • value: 87
	  • displayed: [-50,-49]
	• minus133_to_minus132
	  • value: 88
	  • displayed: [-133,-132]
	• minus127_to_minus126
	  • value: 89
	  • displayed: [-127,-126]
	• minus84_to_minus83
	  • value: 90
	  • displayed: [-84,-83]
	• minus89_to_minus88
	  • value: 91
	  • displayed: [-89,-88]
	• minus58_to_minus57
	  • value: 92
	  • displayed: [-58,-57]
	• minus98_to_minus97
	  • value: 93
	  • displayed: [-98,-97]
	• minus80_to_minus79
	  • value: 94
	  • displayed: [-80,-79]
	• minus139_to_minus138
	  • value: 95
	  • displayed: [-139,-138]
	• minus62_to_minus61
	  • value: 96
	  • displayed: [-62,-61]
	• minus82_to_minus81
	  • value: 97
	  • displayed: [-82,-81]

Impact	noReset

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Name	Value
Displayed(tab/group)	thresholdEutraRsrp
Note: The value of this parameter can be unset.	

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Table 186-15 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.
Type	IP address exclusively (hostname not allowed)
Default	-20
minimum	-20
maximum	-3
Impact	noReset
Displayed(tab/group)	thresholdEutraRsrq
Note: The value of this parameter can be unset.	

Table 186-16 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.

Type	• minus8_to_minus7dot5
	  • value: 0
	  • displayed: [-8,-7.5]
	• minus18dot5_to_minus18
	  • value: 1
	  • displayed: [-18.5,-18]
	• minus15_to_minus14dot5
	  • value: 2
	  • displayed: [-15,-14.5]
	• minus14dot5_to_minus14
	  • value: 3
	  • displayed: [-14.5,-14]
	• minus5dot5_to_minus5
	  • value: 4
	  • displayed: [-5.5,-5]
	• less_than_minus19dot5
	  • value: 5
	  • displayed: Less Than -19.5
	• minus18_to_minus17dot5
	  • value: 6
	  • displayed: [-18,-17.5]
	• minus11dot5_to_minus11
	  • value: 7
	  • displayed: [-11.5,-11]

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Name	Value

Type (continued)	• minus7_to_minus6dot5
	  • value: 8
	  • displayed: [-7,-6.5]
	• minus10_to_minus9dot5
	  • value: 9
	  • displayed: [-10,-9.5]
	• minus12_to_minus11dot5
	  • value: 10
	  • displayed: [-12,-11.5]
	• more_than_minus3
	  • value: 11
	  • displayed: More Than -3
	• minus17dot5_to_minus17
	  • value: 12
	  • displayed: [-17.5,-17]
	• minus7dot5_to_minus7
	  • value: 13
	  • displayed: [-7.5,-7]
	• minus3dot5_to_minus3
	  • value: 14
	  • displayed: [-3.5,-3]
	• minus13dot5_to_minus13
	  • value: 15
	  • displayed: [-13.5,-13]
	• minus12dot5_to_minus12
	  • value: 16
	  • displayed: [-12.5,-12]
	• minus19_to_minus18dot5
	  • value: 17
	  • displayed: [-19,-18.5]
	• minus8dot5_to_minus8
	  • value: 18
	  • displayed: [-8.5,-8]
	• minus15dot5_to_minus15
	  • value: 19
	  • displayed: [-15.5,-15]
	• minus11_to_minus10dot5
	  • value: 20
	  • displayed: [-11,-10.5]
	• minus9_to_minus8dot5
	  • value: 21
	  • displayed: [-9,-8.5]
	• minus6dot5_to_minus6
	  • value: 22
	  • displayed: [-6.5,-6]
	• minus16dot5_to_minus16
	  • value: 23
	  • displayed: [-16.5,-16]
	• minus9dot5_to_minus9
	  • value: 24
	  • displayed: [-9.5,-9]
	• minus5_to_minus4dot5
	  • value: 25
	  • displayed: [-5,-4.5]

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Name	Value

Type (continued)	• minus16_to_minus15dot5
	  • value: 26
	  • displayed: [-16,-15.5]
	• minus4dot5_to_minus4
	  • value: 27
	  • displayed: [-4.5,-4]
	• minus6_to_minus5dot5
	  • value: 28
	  • displayed: [-6,-5.5]
	• minus17_to_minus16dot5
	  • value: 29
	  • displayed: [-17,-16.5]
	• minus13_to_minus12dot5
	  • value: 30
	  • displayed: [-13,-12.5]
	• minus4_to_minus3dot5
	  • value: 31
	  • displayed: [-4,-3.5]
	• minus10dot5_to_minus10
	  • value: 32
	  • displayed: [-10.5,-10]
	• minus19dot5_to_minus19
	  • value: 33
	  • displayed: [-19.5,-19]
	• minus14_to_minus13dot5
	  • value: 34
	  • displayed: [-14,-13.5]

Impact	noReset
Displayed(tab/group)	thresholdEutraRsrq
Note: The value of this parameter can be unset.	

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Table 186-17 timeToTrigger

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE TimeToTrigger included in the IE reportConfigEUTRA in the MeasurementConfiguration IE

Type	• 1280
	  • value: 0
	  • displayed: 1280
	• 2560
	  • value: 1
	  • displayed: 2560
	• 128
	  • value: 2
	  • displayed: 128
	• 200
	  • value: 3
	  • displayed: 200

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Name	Value

Type (continued)	• 320
	  • value: 4
	  • displayed: 320
	• 640
	  • value: 5
	  • displayed: 640
	• 1024
	  • value: 6
	  • displayed: 1024
	• 20
	  • value: 7
	  • displayed: 20
	• 512
	  • value: 8
	  • displayed: 512
	• 10
	  • value: 9
	  • displayed: 10
	• 0
	  • value: 10
	  • displayed: 0
	• 480
	  • value: 11
	  • displayed: 480
	• 40
	  • value: 12
	  • displayed: 40
	• 160
	  • value: 13
	  • displayed: 160
	• 64
	  • value: 14
	  • displayed: 64
	• 80
	  • value: 15
	  • displayed: 80
	• 5120
	  • value: 16
	  • displayed: 5120
	• 100
	  • value: 17
	  • displayed: 100
	• 256
	  • value: 18
	  • displayed: 256
	• ms0
	  • value: 19
	  • displayed: 0 ms
	• ms40
	  • value: 20
	  • displayed: 40 ms
	• ms64
	  • value: 21
	  • displayed: 64 ms

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Name	Value

Type (continued)	• ms80
	  • value: 22
	  • displayed: 80 ms
	• ms100
	  • value: 23
	  • displayed: 100 ms
	• ms128
	  • value: 24
	  • displayed: 128 ms
	• ms160
	  • value: 25
	  • displayed: 160 ms
	• ms256
	  • value: 26
	  • displayed: 256 ms
	• ms320
	  • value: 27
	  • displayed: 320 ms
	• ms480
	  • value: 28
	  • displayed: 480 ms
	• ms512
	  • value: 29
	  • displayed: 512 ms
	• ms640
	  • value: 30
	  • displayed: 640 ms
	• ms1024
	  • value: 31
	  • displayed: 1024 ms
	• ms1280
	  • value: 32
	  • displayed: 1280 ms
	• ms2560
	  • value: 33
	  • displayed: 2560 ms
	• ms5120
	  • value: 34
	  • displayed: 5120 ms

Units	s
Impact	noReset
Displayed(tab/group)	timeToTrigger

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Table 186-18 triggerQuantity

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE triggerQuantity included in the IE reportConfigEUTRA in the MeasurementConfiguration IE

Type	• rsrp
	  • value: 0
	  • displayed: RSRP
	• rsrq
	  • value: 1
	  • displayed: RSRQ

Impact	noReset
Displayed(tab/group)	triggerQuantity

Table 186-19 triggerTypeEUTRA

Name	Value
Description	This parameter configures the RRC IE triggerType included in the IE reportConfigEUTRA in the MeasurementConfiguration IE

Type	• eventA3
	  • value: 0
	  • displayed: Event A3
	• eventA4
	  • value: 1
	  • displayed: Event A4
	• eventA5
	  • value: 2
	  • displayed: Event A5
	• eventA1
	  • value: 3
	  • displayed: Event A1
	• periodicalReportCGI
	  • value: 4
	  • displayed: Periodical Report CGI
	• eventA2
	  • value: 5
	  • displayed: Event A2
	• periodicalStrongestCells
	  • value: 6
	  • displayed: Periodical Strongest Cells
	• eventA5orA3
	  • value: 7
	  • displayed: Event A5 or A3

Impact	noReset
Displayed(tab/group)	triggerTypeEUTRA

187 —ReportConfigGERAN

Table 187-1 ReportConfigGERAN parameters

Parameters	
b2ThresholdGERAN	thresholdEutraRsrpB1B2
hysteresis	thresholdEutraRsrpB2
id	thresholdEutraRsrqB1B2
maxReportCells	thresholdEutraRsrqB2
reportAmount	thresholdGeran
reportInterval	timeToTrigger
threshold1EutraRsrp	triggerTypeInterRAT
threshold1EutraRsrq	

Table 187-2 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

Type	• minus56_to_minus55
	  • value: 0
	  • displayed: [-56,-55]
	• minus103_to_minus102
	  • value: 1
	  • displayed: [-103,-102]
	• minus70_to_minus69
	  • value: 2
	  • displayed: [-70,-69]

(1 of 5)

Name	Value

Type (continued)	• minus51_to_minus50
	  • value: 3
	  • displayed: [-51,-50]
	• minus63_to_minus62
	  • value: 4
	  • displayed: [-63,-62]
	• less_than_minus110
	  • value: 5
	  • displayed: less-than-minus110
	• minus65_to_minus64
	  • value: 6
	  • displayed: [-65,-64]
	• minus66_to_minus65
	  • value: 7
	  • displayed: [-66,-65]
	• minus49_to_minus48
	  • value: 8
	  • displayed: [-49,-48]
	• minus94_to_minus93
	  • value: 9
	  • displayed: [-94,-93]
	• minus71_to_minus70
	  • value: 10
	  • displayed: [-71,-70]
	• minus93_to_minus92
	  • value: 11
	  • displayed: [-93,-92]
	• minus57_to_minus56
	  • value: 12
	  • displayed: [-57,-56]
	• minus91_to_minus90
	  • value: 13
	  • displayed: [-91,-90]
	• minus106_to_minus105
	  • value: 14
	  • displayed: [-106,-105]
	• minus73_to_minus72
	  • value: 15
	  • displayed: [-73,-72]
	• minus87_to_minus86
	  • value: 16
	  • displayed: [-87,-86]
	• minus64_to_minus63
	  • value: 17
	  • displayed: [-64,-63]
	• minus54_to_minus53
	  • value: 18
	  • displayed: [-54,-53]
	• minus88_to_minus87
	  • value: 19
	  • displayed: [-88,-87]
	• minus104_to_minus103
	  • value: 20
	  • displayed: [-104,-103]

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Name	Value

Type (continued)	• minus81_to_minus80
	  • value: 21
	  • displayed: [-81,-80]
	• minus53_to_minus52
	  • value: 22
	  • displayed: [-53,-52]
	• minus76_to_minus75
	  • value: 23
	  • displayed: [-76,-75]
	• minus95_to_minus94
	  • value: 24
	  • displayed: [-95,-94]
	• minus100_to_minus99
	  • value: 25
	  • displayed: [-100,-99]
	• minus96_to_minus95
	  • value: 26
	  • displayed: [-96,-95]
	• minus108_to_minus107
	  • value: 27
	  • displayed: [-108,-107]
	• minus109_to_minus108
	  • value: 28
	  • displayed: [-109,-108]
	• minus59_to_minus58
	  • value: 29
	  • displayed: [-59,-58]
	• minus99_to_minus98
	  • value: 30
	  • displayed: [-99,-98]
	• minus105_to_minus104
	  • value: 31
	  • displayed: [-105,-104]
	• minus79_to_minus78
	  • value: 32
	  • displayed: [-79,-78]
	• minus102_to_minus101
	  • value: 33
	  • displayed: [-102,-101]
	• minus60_to_minus59
	  • value: 34
	  • displayed: [-60,-59]
	• minus75_to_minus74
	  • value: 35
	  • displayed: [-75,-74]
	• minus83_to_minus82
	  • value: 36
	  • displayed: [-83,-82]
	• minus92_to_minus91
	  • value: 37
	  • displayed: [-92,-91]
	• minus101_to_minus100
	  • value: 38
	  • displayed: [-101,-100]

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Name	Value

Type (continued)	• minus107_to_minus106
	  • value: 39
	  • displayed: [-107,-106]
	• minus68_to_minus67
	  • value: 40
	  • displayed: [-68,-67]
	• minus55_to_minus54
	  • value: 41
	  • displayed: [-55,-54]
	• minus78_to_minus77
	  • value: 42
	  • displayed: [-78,-77]
	• minus72_to_minus71
	  • value: 43
	  • displayed: [-72,-71]
	• minus90_to_minus89
	  • value: 44
	  • displayed: [-90,-89]
	• minus85_to_minus84
	  • value: 45
	  • displayed: [-85,-84]
	• minus77_to_minus76
	  • value: 46
	  • displayed: [-77,-76]
	• minus67_to_minus66
	  • value: 47
	  • displayed: [-67,-66]
	• minus97_to_minus96
	  • value: 48
	  • displayed: [-97,-96]
	• minus50_to_minus49
	  • value: 49
	  • displayed: [-50,-49]
	• minus84_to_minus83
	  • value: 50
	  • displayed: [-84,-83]
	• minus52_to_minus51
	  • value: 51
	  • displayed: [-52,-51]
	• minus89_to_minus88
	  • value: 52
	  • displayed: [-89,-88]
	• minus110_to_minus109
	  • value: 53
	  • displayed: [-110,-109]
	• minus58_to_minus57
	  • value: 54
	  • displayed: [-58,-57]
	• minus98_to_minus97
	  • value: 55
	  • displayed: [-98,-97]
	• minus69_to_minus68
	  • value: 56
	  • displayed: [-69,-68]

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Name	Value

Type (continued)	• minus74_to_minus73
	  • value: 57
	  • displayed: [-74,-73]
	• minus80_to_minus79
	  • value: 58
	  • displayed: [-80,-79]
	• minus61_to_minus60
	  • value: 59
	  • displayed: [-61,-60]
	• minus62_to_minus61
	  • value: 60
	  • displayed: [-62,-61]
	• more_than_minus48
	  • value: 61
	  • displayed: more-than-minus48
	• minus86_to_minus85
	  • value: 62
	  • displayed: [-86,-85]
	• minus82_to_minus81
	  • value: 63
	  • displayed: [-82,-81]

Units	dBm
Impact	noReset
Displayed(tab/group)	B2ThresholdGERAN

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Table 187-3 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
Type	IP address exclusively (hostname not allowed)
minimum	0
maximum	15
Units	dB
Impact	noReset
Displayed(tab/group)	hysteresis

Table 187-4 id

Name	Value
Description	ReportConfigGERAN identifier
Type	Integer

(1 of 2)

Name	Value
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

(2 of 2)

Table 187-5 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.
Type	Integer
minimum	1
maximum	8
Impact	noReset
Displayed(tab/group)	maxReportCells

Table 187-6 reportAmount

Name	Value
Description	This indicates the Number of measurement reports. This is used to provision IE ReportAmount in IE ReportConfigInterRAT, in IE MeasConfig.

Type	• r64
	  • value: 0
	  • displayed: 64 Reports
	• r16
	  • value: 1
	  • displayed: 16 Reports
	• r32
	  • value: 2
	  • displayed: 32 Reports
	• r8
	  • value: 3
	  • displayed: 8 Reports
	• r1
	  • value: 4
	  • displayed: 1 Report
	• r2
	  • value: 5
	  • displayed: 2 Reports

(1 of 2)

Name	Value

Type (continued)	• infinity
	  • value: 6
	  • displayed: Infinity
	• r4
	  • value: 7
	  • displayed: 4 Reports

Impact	noReset
Displayed(tab/group)	reportAmount

(2 of 2)

Table 187-7 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.

Type	• ms1024
	  • value: 0
	  • displayed: 1024 ms Interval
	• min60
	  • value: 1
	  • displayed: Min 60 Reports
	• ms640
	  • value: 2
	  • displayed: 640 ms Inverval
	• ms480
	  • value: 3
	  • displayed: 480 ms Interval
	• min30
	  • value: 4
	  • displayed: Min 30 Reports
	• min6
	  • value: 5
	  • displayed: Min 6 Reports
	• ms5120
	  • value: 6
	  • displayed: 5120 ms Interval
	• ms120
	  • value: 7
	  • displayed: 120 ms Interval
	• ms10240
	  • value: 8
	  • displayed: 10240 ms Interval
	• min1
	  • value: 9
	  • displayed: Min 1 Reports
	• min12
	  • value: 10
	  • displayed: Min 12 Reports
	• ms2048
	  • value: 11
	  • displayed: 2048 ms Interval

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Name	Value

Type (continued)	• ms240
	  • value: 12
	  • displayed: 240 ms Interval

Impact	noReset
Displayed(tab/group)	reportInterval

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Table 187-8 threshold1EutraRsrp

Name	Value
Description	This is used to provision IE b2-Threshold1in IE ReportConfigInterRAT, in IE MeasConfig

Type	• minus70_to_minus69
	  • value: 0
	  • displayed: [-70,-69]
	• minus56_to_minus55
	  • value: 1
	  • displayed: [-56,-55]
	• minus47_to_minus46
	  • value: 2
	  • displayed: [-47,-46]
	• minus126_to_minus125
	  • value: 3
	  • displayed: [-126,-125]
	• minus51_to_minus50
	  • value: 4
	  • displayed: [-51,-50]
	• minus65_to_minus64
	  • value: 5
	  • displayed: [-65,-64]
	• minus49_to_minus48
	  • value: 6
	  • displayed: [-49,-48]
	• minus57_to_minus56
	  • value: 7
	  • displayed: [-57,-56]
	• minus119_to_minus118
	  • value: 8
	  • displayed: [-119,-118]
	• minus106_to_minus105
	  • value: 9
	  • displayed: [-106,-105]
	• more_than_minus44
	  • value: 10
	  • displayed: more-than-minus44
	• minus132_to_minus131
	  • value: 11
	  • displayed: [-132,-131]
	• minus87_to_minus86
	  • value: 12
	  • displayed: [-87,-86]

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Name	Value

Type (continued)	• minus81_to_minus80
	  • value: 13
	  • displayed: [-81,-80]
	• minus116_to_minus115
	  • value: 14
	  • displayed: [-116,-115]
	• minus120_to_minus119
	  • value: 15
	  • displayed: [-120,-119]
	• minus117_to_minus116
	  • value: 16
	  • displayed: [-117,-116]
	• minus95_to_minus94
	  • value: 17
	  • displayed: [-95,-94]
	• minus136_to_minus135
	  • value: 18
	  • displayed: [-136,-135]
	• minus100_to_minus99
	  • value: 19
	  • displayed: [-100,-99]
	• minus121_to_minus120
	  • value: 20
	  • displayed: [-121,-120]
	• minus96_to_minus95
	  • value: 21
	  • displayed: [-96,-95]
	• minus108_to_minus107
	  • value: 22
	  • displayed: [-108,-107]
	• minus109_to_minus108
	  • value: 23
	  • displayed: [-109,-108]
	• minus134_to_minus133
	  • value: 24
	  • displayed: [-134,-133]
	• minus79_to_minus78
	  • value: 25
	  • displayed: [-79,-78]
	• minus102_to_minus101
	  • value: 26
	  • displayed: [-102,-101]
	• minus75_to_minus74
	  • value: 27
	  • displayed: [-75,-74]
	• minus83_to_minus82
	  • value: 28
	  • displayed: [-83,-82]
	• minus140_to_minus139
	  • value: 29
	  • displayed: [-140,-139]
	• minus92_to_minus91
	  • value: 30
	  • displayed: [-92,-91]

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Name	Value

Type (continued)	• minus101_to_minus100
	  • value: 31
	  • displayed: [-101,-100]
	• minus125_to_minus124
	  • value: 32
	  • displayed: [-125,-124]
	• minus45_to_minus44
	  • value: 33
	  • displayed: [-45,-44]
	• minus55_to_minus54
	  • value: 34
	  • displayed: [-55,-54]
	• minus78_to_minus77
	  • value: 35
	  • displayed: [-78,-77]
	• minus72_to_minus71
	  • value: 36
	  • displayed: [-72,-71]
	• minus90_to_minus89
	  • value: 37
	  • displayed: [-90,-89]
	• minus85_to_minus84
	  • value: 38
	  • displayed: [-85,-84]
	• minus67_to_minus66
	  • value: 39
	  • displayed: [-67,-66]
	• less_than_minus140
	  • value: 40
	  • displayed: less-than-minus140
	• minus110_to_minus109
	  • value: 41
	  • displayed: [-110,-109]
	• minus129_to_minus128
	  • value: 42
	  • displayed: [-129,-128]
	• minus52_to_minus51
	  • value: 43
	  • displayed: [-52,-51]
	• minus135_to_minus134
	  • value: 44
	  • displayed: [-135,-134]
	• minus69_to_minus68
	  • value: 45
	  • displayed: [-69,-68]
	• minus74_to_minus73
	  • value: 46
	  • displayed: [-74,-73]
	• minus61_to_minus60
	  • value: 47
	  • displayed: [-61,-60]
	• minus113_to_minus112
	  • value: 48
	  • displayed: [-113,-112]

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Name	Value

Type (continued)	• minus86_to_minus85
	  • value: 49
	  • displayed: [-86,-85]
	• minus103_to_minus102
	  • value: 50
	  • displayed: [-103,-102]
	• minus124_to_minus123
	  • value: 51
	  • displayed: [-124,-123]
	• minus128_to_minus127
	  • value: 52
	  • displayed: [-128,-127]
	• minus63_to_minus62
	  • value: 53
	  • displayed: [-63,-62]
	• minus115_to_minus114
	  • value: 54
	  • displayed: [-115,-114]
	• minus138_to_minus137
	  • value: 55
	  • displayed: [-138,-137]
	• minus66_to_minus65
	  • value: 56
	  • displayed: [-66,-65]
	• minus94_to_minus93
	  • value: 57
	  • displayed: [-94,-93]
	• minus71_to_minus70
	  • value: 58
	  • displayed: [-71,-70]
	• minus111_to_minus110
	  • value: 59
	  • displayed: [-111,-110]
	• minus93_to_minus92
	  • value: 60
	  • displayed: [-93,-92]
	• minus91_to_minus90
	  • value: 61
	  • displayed: [-91,-90]
	• minus73_to_minus72
	  • value: 62
	  • displayed: [-73,-72]
	• minus46_to_minus45
	  • value: 63
	  • displayed: [-46,-45]
	• minus64_to_minus63
	  • value: 64
	  • displayed: [-64,-63]
	• minus54_to_minus53
	  • value: 65
	  • displayed: [-54,-53]
	• minus104_to_minus103
	  • value: 66
	  • displayed: [-104,-103]

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Name	Value

Type (continued)	• minus88_to_minus87
	  • value: 67
	  • displayed: [-88,-87]
	• minus122_to_minus121
	  • value: 68
	  • displayed: [-122,-121]
	• minus112_to_minus111
	  • value: 69
	  • displayed: [-112,-111]
	• minus123_to_minus122
	  • value: 70
	  • displayed: [-123,-122]
	• minus76_to_minus75
	  • value: 71
	  • displayed: [-76,-75]
	• minus53_to_minus52
	  • value: 72
	  • displayed: [-53,-52]
	• minus114_to_minus113
	  • value: 73
	  • displayed: [-114,-113]
	• minus130_to_minus129
	  • value: 74
	  • displayed: [-130,-129]
	• minus131_to_minus130
	  • value: 75
	  • displayed: [-131,-130]
	• minus59_to_minus58
	  • value: 76
	  • displayed: [-59,-58]
	• minus99_to_minus98
	  • value: 77
	  • displayed: [-99,-98]
	• minus105_to_minus104
	  • value: 78
	  • displayed: [-105,-104]
	• minus118_to_minus117
	  • value: 79
	  • displayed: [-118,-117]
	• minus60_to_minus59
	  • value: 80
	  • displayed: [-60,-59]
	• minus107_to_minus106
	  • value: 81
	  • displayed: [-107,-106]
	• minus68_to_minus67
	  • value: 82
	  • displayed: [-68,-67]
	• minus48_to_minus47
	  • value: 83
	  • displayed: [-48,-47]
	• minus77_to_minus76
	  • value: 84
	  • displayed: [-77,-76]

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Name	Value

Type (continued)	• minus97_to_minus96
	  • value: 85
	  • displayed: [-97,-96]
	• minus137_to_minus136
	  • value: 86
	  • displayed: [-137,-136]
	• minus50_to_minus49
	  • value: 87
	  • displayed: [-50,-49]
	• minus133_to_minus132
	  • value: 88
	  • displayed: [-133,-132]
	• minus127_to_minus126
	  • value: 89
	  • displayed: [-127,-126]
	• minus84_to_minus83
	  • value: 90
	  • displayed: [-84,-83]
	• minus89_to_minus88
	  • value: 91
	  • displayed: [-89,-88]
	• minus58_to_minus57
	  • value: 92
	  • displayed: [-58,-57]
	• minus98_to_minus97
	  • value: 93
	  • displayed: [-98,-97]
	• minus80_to_minus79
	  • value: 94
	  • displayed: [-80,-79]
	• minus139_to_minus138
	  • value: 95
	  • displayed: [-139,-138]
	• minus62_to_minus61
	  • value: 96
	  • displayed: [-62,-61]
	• minus82_to_minus81
	  • value: 97
	  • displayed: [-82,-81]

Impact	noReset
Displayed(tab/group)	threshold1EutraRsrp
Note: The value of this parameter can be unset.	

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Table 187-9 threshold1EutraRsrq

Name	Value
Description	This is used to provision IE b2-Threshold1in IE ReportConfigInterRAT, in IE MeasConfig

Type	• minus8_to_minus7dot5
	  • value: 0
	  • displayed: [-8,-7.5]
	• minus18dot5_to_minus18
	  • value: 1
	  • displayed: [-18.5,-18]
	• minus15_to_minus14dot5
	  • value: 2
	  • displayed: [-15,-14.5]
	• minus14dot5_to_minus14
	  • value: 3
	  • displayed: [-14.5,-14]
	• minus5dot5_to_minus5
	  • value: 4
	  • displayed: [-5.5,-5]
	• less_than_minus19dot5
	  • value: 5
	  • displayed: Less Than -19.5
	• minus18_to_minus17dot5
	  • value: 6
	  • displayed: [-18,-17.5]
	• minus11dot5_to_minus11
	  • value: 7
	  • displayed: [-11.5,-11]
	• minus7_to_minus6dot5
	  • value: 8
	  • displayed: [-7,-6.5]
	• minus10_to_minus9dot5
	  • value: 9
	  • displayed: [-10,-9.5]
	• minus12_to_minus11dot5
	  • value: 10
	  • displayed: [-12,-11.5]
	• more_than_minus3
	  • value: 11
	  • displayed: More Than -3
	• minus17dot5_to_minus17
	  • value: 12
	  • displayed: [-17.5,-17]
	• minus7dot5_to_minus7
	  • value: 13
	  • displayed: [-7.5,-7]
	• minus3dot5_to_minus3
	  • value: 14
	  • displayed: [-3.5,-3]
	• minus13dot5_to_minus13
	  • value: 15
	  • displayed: [-13.5,-13]

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Name	Value

Type (continued)	• minus12dot5_to_minus12
	  • value: 16
	  • displayed: [-12.5,-12]
	• minus19_to_minus18dot5
	  • value: 17
	  • displayed: [-19,-18.5]
	• minus8dot5_to_minus8
	  • value: 18
	  • displayed: [-8.5,-8]
	• minus15dot5_to_minus15
	  • value: 19
	  • displayed: [-15.5,-15]
	• minus11_to_minus10dot5
	  • value: 20
	  • displayed: [-11,-10.5]
	• minus9_to_minus8dot5
	  • value: 21
	  • displayed: [-9,-8.5]
	• minus6dot5_to_minus6
	  • value: 22
	  • displayed: [-6.5,-6]
	• minus16dot5_to_minus16
	  • value: 23
	  • displayed: [-16.5,-16]
	• minus9dot5_to_minus9
	  • value: 24
	  • displayed: [-9.5,-9]
	• minus5_to_minus4dot5
	  • value: 25
	  • displayed: [-5,-4.5]
	• minus16_to_minus15dot5
	  • value: 26
	  • displayed: [-16,-15.5]
	• minus4dot5_to_minus4
	  • value: 27
	  • displayed: [-4.5,-4]
	• minus6_to_minus5dot5
	  • value: 28
	  • displayed: [-6,-5.5]
	• minus17_to_minus16dot5
	  • value: 29
	  • displayed: [-17,-16.5]
	• minus13_to_minus12dot5
	  • value: 30
	  • displayed: [-13,-12.5]
	• minus4_to_minus3dot5
	  • value: 31
	  • displayed: [-4,-3.5]
	• minus10dot5_to_minus10
	  • value: 32
	  • displayed: [-10.5,-10]
	• minus19dot5_to_minus19
	  • value: 33
	  • displayed: [-19.5,-19]

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Name	Value

Type (continued)	• minus14_to_minus13dot5
	  • value: 34
	  • displayed: [-14,-13.5]

Impact	noReset
Displayed(tab/group)	threshold1EutraRsrq
Note: The value of this parameter can be unset.	

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Table 187-10 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 140 dBm.
Type	IP address exclusively (hostname not allowed)
minimum	-140
maximum	-43
Units	dBm
Impact	noReset
Displayed(tab/group)	Threshold EUTRAN RSRP B1 B2
Note: The value of this parameter can be unset.	

Table 187-11 thresholdEutraRsrpB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is IE value 140 dBm. See TS 36.331.
Type	Integer
minimum	-140
maximum	-43
Units	dBm
Impact	noReset
Displayed(tab/group)	thresholdEutraRsrpB2
Note: The value of this parameter can be unset.	

Table 187-12 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 40)/2 dB.
Type	IP address exclusively (hostname not allowed)
minimum	-20
maximum	-3
Units	dB
Impact	noReset
Displayed(tab/group)	Threshold EUTRAN RSRQ B1 B2
Note: The value of this parameter can be unset.	

Table 187-13 thresholdEutraRsrqB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRQ included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is (IE value 40)/2 dB. See TS 36.331.
Type	IP address exclusively (hostname not allowed)
minimum	-20
maximum	-3
Units	dB
Impact	noReset
Displayed(tab/group)	thresholdEutraRsrqB2
Note: The value of this parameter can be unset.	

Table 187-14 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 110 dBm.
Type	Integer
minimum	-110
maximum	-47
Units	dBm

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	thresholdGeran

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Table 187-15 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

Type	• 1280
	  • value: 0
	  • displayed: 1280 s
	• 2560
	  • value: 1
	  • displayed: 2560 s
	• 128
	  • value: 2
	  • displayed: 128 s
	• 320
	  • value: 3
	  • displayed: 320 s
	• 640
	  • value: 4
	  • displayed: 640 s
	• 1024
	  • value: 5
	  • displayed: 1024 s
	• 512
	  • value: 6
	  • displayed: 512 s
	• 0
	  • value: 7
	  • displayed: 0 s
	• 480
	  • value: 8
	  • displayed: 480 s
	• 40
	  • value: 9
	  • displayed: 40 s
	• 160
	  • value: 10
	  • displayed: 160 s
	• 64
	  • value: 11
	  • displayed: 64 s
	• 80
	  • value: 12
	  • displayed: 80 s

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Name	Value

Type (continued)	• 5120
	  • value: 13
	  • displayed: 5120 s
	• 100
	  • value: 14
	  • displayed: 100 s
	• 256
	  • value: 15
	  • displayed: 256 s
	• ms0
	  • value: 16
	  • displayed: 0 ms
	• ms40
	  • value: 17
	  • displayed: 40 ms
	• ms64
	  • value: 18
	  • displayed: 64 ms
	• ms80
	  • value: 19
	  • displayed: 80 ms
	• ms100
	  • value: 20
	  • displayed: 100 ms
	• ms128
	  • value: 21
	  • displayed: 128 ms
	• ms160
	  • value: 22
	  • displayed: 160 ms
	• ms256
	  • value: 23
	  • displayed: 256 ms
	• ms320
	  • value: 24
	  • displayed: 320 ms
	• ms480
	  • value: 25
	  • displayed: 480 ms
	• ms512
	  • value: 26
	  • displayed: 512 ms
	• ms640
	  • value: 27
	  • displayed: 640 ms
	• ms1024
	  • value: 28
	  • displayed: 1024 ms
	• ms1280
	  • value: 29
	  • displayed: 1280 ms
	• ms2560
	  • value: 30
	  • displayed: 2560 ms

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Name	Value

Type (continued)	• ms5120
	  • value: 31
	  • displayed: 5120 ms

Units	s
Impact	noReset
Displayed(tab/group)	timeToTrigger

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Table 187-16 triggerTypeInterRAT

Name	Value
Description	This parameter configures the RRC IE triggerType included in the IE reportConfigInterRAT in the MeasurementConfiguration IE

Type	• eventB2
	  • value: 0
	  • displayed: Event B2
	• eventB1
	  • value: 1
	  • displayed: Event B1
	• periodicalSon
	  • value: 2
	  • displayed: Periodical Son

Impact	noReset
Displayed(tab/group)	triggerTypeInterRAT

188 —ReportConfig

Table 188-1 ReportConfig parameters

Parameters	
id	reportConfigId

Table 188-2 id

Name	Value
Description	ReportConfig identifier
Type	Integer
access	read-create
minimum	0
maximum	31
Mandatory on create	Yes
Displayed(tab/group)	id

Table 188-3 reportConfigId

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE reportConfigId in the MeasurementConfiguration IE
Type	Integer

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Name	Value
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	reportConfigId

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189 —ReportConfigUTRA

Table 189-1 ReportConfigUTRA parameters

Parameters	
hysteresis	thresholdEutraRsrpB1B2
id	thresholdEutraRsrpB2
maxReportCells	thresholdEutraRsrqB1B2
reportAmount	thresholdEutraRsrqB2
reportInterval	thresholdUtraEcN0
threshold1EutraRsrp	thresholdUtraRscp
threshold1EutraRsrq	timeToTrigger
threshold2UtraEcN0	triggerTypeInterRAT
threshold2UtraRscp	

Table 189-2 hysteresis

Name	Value
Description	TS36.331: This parameter configures the IE hysteresis included in the IE ReportConfigInterRAT in the MeasConfig IE
Type	IP address exclusively (hostname not allowed)
minimum	0
maximum	15
Impact	noReset
Displayed(tab/group)	hysteresis

Table 189-3 id

Name	Value
Description	ReportConfigUTRA identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 189-4 maxReportCells

Name	Value
Description	TS36.331: This parameter configures the IE maxReportCells included in the IE ReportConfigInterRAT in the MeasConfig IE
Type	Integer
minimum	1
maximum	32
Impact	noReset
Displayed(tab/group)	maxReportCells

Table 189-5 reportAmount

Name	Value
Description	TS36.331: This parameter configures the IE reportAmount included in the IE ReportConfigInterRAT in the MeasConfig IE

Type	• r64
	  • value: 0
	  • displayed: R64
	• r16
	  • value: 1
	  • displayed: R16
	• r32
	  • value: 2
	  • displayed: R32
	• r8
	  • value: 3
	  • displayed: R8

(1 of 2)

Name	Value

Type (continued)	• r1
	  • value: 4
	  • displayed: R1
	• r2
	  • value: 5
	  • displayed: R2
	• infinity
	  • value: 6
	  • displayed: Infinity
	• r4
	  • value: 7
	  • displayed: R4

Impact	noReset
Displayed(tab/group)	reportAmount

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Table 189-6 reportInterval

Name	Value
Description	TS36.331: This parameter configures the IE reportInterval included in the IE ReportConfigInterRAT in the MeasConfig IE

Type	• ms1024
	  • value: 0
	  • displayed: 1024 ms Interval
	• min60
	  • value: 1
	  • displayed: Min 60 Reports
	• ms640
	  • value: 2
	  • displayed: 640 ms Interval
	• ms480
	  • value: 3
	  • displayed: 480 ms Interval
	• min30
	  • value: 4
	  • displayed: Min 30 Reports
	• min6
	  • value: 5
	  • displayed: Min 6 Reports
	• ms5120
	  • value: 6
	  • displayed: 5120 ms Interval
	• ms120
	  • value: 7
	  • displayed: 120 ms Interval
	• ms10240
	  • value: 8
	  • displayed: 10240 ms Interval
	• min1
	  • value: 9
	  • displayed: Min 1 Report

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Name	Value

Type (continued)	• min12
	  • value: 10
	  • displayed: Min 12 Report
	• ms2048
	  • value: 11
	  • displayed: 2048 ms Interval
	• ms240
	  • value: 12
	  • displayed: 240 ms Interval

Impact	noReset
Displayed(tab/group)	reportInterval

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Table 189-7 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.
Type	Integer
minimum	0
maximum	97
Impact	noReset
Displayed(tab/group)	threshold1EutraRsrp
Note: The value of this parameter can be unset.	

Table 189-8 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.
Type	Integer
minimum	0
maximum	34
Impact	noReset
Displayed(tab/group)	threshold1EutraRsrq
Note: The value of this parameter can be unset.	

Table 189-9 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.

Type	• minus22_to_minus21dot5
	  • value: 0
	  • displayed: [-22,-21.5]
	• minus20_to_minus19dot5
	  • value: 1
	  • displayed: [-20,-19.5]
	• less_than_minus24
	  • value: 2
	  • displayed: Less Than -24
	• minus15_to_minus14dot5
	  • value: 3
	  • displayed: [-15,-14.5]
	• minus14dot5_to_minus14
	  • value: 4
	  • displayed: [-14.5,-14]
	• minus21_to_minus20dot5
	  • value: 5
	  • displayed: [-21,-20.5]
	• minus2_to_minus1dot5
	  • value: 6
	  • displayed: [-2,-1.5]
	• minus23_to_minus22dot5
	  • value: 7
	  • displayed: [-23,-22.5]
	• minus7_to_minus6dot5
	  • value: 8
	  • displayed: [-7,-6.5]
	• minus12_to_minus11dot5
	  • value: 9
	  • displayed: [-12,-11.5]
	• more_than_zero
	  • value: 10
	  • displayed: More Than 0
	• minus17dot5_to_minus17
	  • value: 11
	  • displayed: [-17.5,-17]
	• minus7dot5_to_minus7
	  • value: 12
	  • displayed: [-7.5,-7]
	• minus3dot5_to_minus3
	  • value: 13
	  • displayed: [-3.5,-3]
	• minus1dot5_to_minus1
	  • value: 14
	  • displayed: [-1.5,-1]
	• minus21dot5_to_minus21
	  • value: 15
	  • displayed: [-21.5,-21]

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Name	Value

Type (continued)	• minus11_to_minus10dot5
	  • value: 16
	  • displayed: [-11,-10.5]
	• minus9dot5_to_minus9
	  • value: 17
	  • displayed: [-9.5,-9]
	• minus4dot5_to_minus4
	  • value: 18
	  • displayed: [-4.5,-4]
	• minus13_to_minus12dot5
	  • value: 19
	  • displayed: [-13,-12.5]
	• minus17_to_minus16dot5
	  • value: 20
	  • displayed: [-17,-16.5]
	• minus4_to_minus3dot5
	  • value: 21
	  • displayed: [-4,-3.5]
	• minus10dot5_to_minus10
	  • value: 22
	  • displayed: [-10.5,-10]
	• minus14_to_minus13dot5
	  • value: 23
	  • displayed: [-14,-13.5]
	• minus8_to_minus7dot5
	  • value: 24
	  • displayed: [-8,-7.5]
	• minus18dot5_to_minus18
	  • value: 25
	  • displayed: [-18.5,-18]
	• minus5dot5_to_minus5
	  • value: 26
	  • displayed: [-5.5,-5]
	• minus18_to_minus17dot5
	  • value: 27
	  • displayed: [-18,-17.5]
	• minus3_to_minus2dot5
	  • value: 28
	  • displayed: [-3,-2.5]
	• minus11dot5_to_minus11
	  • value: 29
	  • displayed: [-11.5,-11]
	• minus10_to_minus9dot5
	  • value: 30
	  • displayed: [-10,-9.5]
	• minus24_to_minus23dot5
	  • value: 31
	  • displayed: [-24,-23.5]
	• minus0dot5_to_zero
	  • value: 32
	  • displayed: [-0.5,zero]
	• minus1_to_minus0dot5
	  • value: 33
	  • displayed: [-1,-0.5]

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Name	Value

Type (continued)	• minus13dot5_to_minus13
	  • value: 34
	  • displayed: [-13.5,-13]
	• minus12dot5_to_minus12
	  • value: 35
	  • displayed: [-12.5,-12]
	• minus19_to_minus18dot5
	  • value: 36
	  • displayed: [-19,-18.5]
	• minus8dot5_to_minus8
	  • value: 37
	  • displayed: [-8.5,-8]
	• minus15dot5_to_minus15
	  • value: 38
	  • displayed: [-15.5,-15]
	• minus9_to_minus8dot5
	  • value: 39
	  • displayed: [-9,-8.5]
	• minus16dot5_to_minus16
	  • value: 40
	  • displayed: [-16.5,-16]
	• minus6dot5_to_minus6
	  • value: 41
	  • displayed: [-6.5,-6]
	• minus22dot5_to_minus22
	  • value: 42
	  • displayed: [-22.5,-22]
	• minus16_to_minus15dot5
	  • value: 43
	  • displayed: [-16,-15.5]
	• minus5_to_minus4dot5
	  • value: 44
	  • displayed: [-5,-4.5]
	• minus6_to_minus5dot5
	  • value: 45
	  • displayed: [-6,-5.5]
	• minus2dot5_to_minus2
	  • value: 46
	  • displayed: [-2.5,-2]
	• minus20dot5_to_minus20
	  • value: 47
	  • displayed: [-20.5,-20]
	• minus23dot5_to_minus23
	  • value: 48
	  • displayed: [-23.5,-23]
	• minus19dot5_to_minus19
	  • value: 49
	  • displayed: [-19.5,-19]

Units	dB
Impact	noReset
Displayed(tab/group)	threshold2UtraEcN0
Note: The value of this parameter can be unset.	

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Table 189-10 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.

Type	• minus70_to_minus69
	  • value: 0
	  • displayed: [-70,-69]
	• minus56_to_minus55
	  • value: 1
	  • displayed: [-56,-55]
	• minus47_to_minus46
	  • value: 2
	  • displayed: [-47,-46]
	• minus51_to_minus50
	  • value: 3
	  • displayed: [-51,-50]
	• minus36_to_minus35
	  • value: 4
	  • displayed: [-36,-35]
	• minus65_to_minus64
	  • value: 5
	  • displayed: [-65,-64]
	• minus49_to_minus48
	  • value: 6
	  • displayed: [-49,-48]
	• minus57_to_minus56
	  • value: 7
	  • displayed: [-57,-56]
	• minus119_to_minus118
	  • value: 8
	  • displayed: [-119,-118]
	• minus106_to_minus105
	  • value: 9
	  • displayed: [-106,-105]
	• minus87_to_minus86
	  • value: 10
	  • displayed: [-87,-86]
	• minus41_to_minus40
	  • value: 11
	  • displayed: [-41,-40]
	• minus81_to_minus80
	  • value: 12
	  • displayed: [-81,-80]
	• minus116_to_minus115
	  • value: 13
	  • displayed: [-116,-115]
	• minus28_to_minus27
	  • value: 14
	  • displayed: [-28,-27]
	• minus120_to_minus119
	  • value: 15
	  • displayed: [-120,-119]

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Name	Value

Type (continued)	• minus117_to_minus116
	  • value: 16
	  • displayed: [-117,-116]
	• minus95_to_minus94
	  • value: 17
	  • displayed: [-95,-94]
	• minus100_to_minus99
	  • value: 18
	  • displayed: [-100,-99]
	• minus96_to_minus95
	  • value: 19
	  • displayed: [-96,-95]
	• minus108_to_minus107
	  • value: 20
	  • displayed: [-108,-107]
	• minus31_to_minus30
	  • value: 21
	  • displayed: [-31,-30]
	• minus109_to_minus108
	  • value: 22
	  • displayed: [-109,-108]
	• minus79_to_minus78
	  • value: 23
	  • displayed: [-79,-78]
	• minus102_to_minus101
	  • value: 24
	  • displayed: [-102,-101]
	• minus75_to_minus74
	  • value: 25
	  • displayed: [-75,-74]
	• minus35_to_minus34
	  • value: 26
	  • displayed: [-35,-34]
	• minus83_to_minus82
	  • value: 27
	  • displayed: [-83,-82]
	• minus92_to_minus91
	  • value: 28
	  • displayed: [-92,-91]
	• minus101_to_minus100
	  • value: 29
	  • displayed: [-101,-100]
	• minus45_to_minus44
	  • value: 30
	  • displayed: [-45,-44]
	• more_than_minus25
	  • value: 31
	  • displayed: More Than -25
	• minus55_to_minus54
	  • value: 32
	  • displayed: [-55,-54]
	• minus78_to_minus77
	  • value: 33
	  • displayed: [-78,-77]

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Name	Value

Type (continued)	• minus72_to_minus71
	  • value: 34
	  • displayed: [-72,-71]
	• minus34_to_minus33
	  • value: 35
	  • displayed: [-34,-33]
	• minus85_to_minus84
	  • value: 36
	  • displayed: [-85,-84]
	• minus90_to_minus89
	  • value: 37
	  • displayed: [-90,-89]
	• minus67_to_minus66
	  • value: 38
	  • displayed: [-67,-66]
	• minus110_to_minus109
	  • value: 39
	  • displayed: [-110,-109]
	• minus52_to_minus51
	  • value: 40
	  • displayed: [-52,-51]
	• minus30_to_minus29
	  • value: 41
	  • displayed: [-30,-29]
	• minus69_to_minus68
	  • value: 42
	  • displayed: [-69,-68]
	• minus74_to_minus73
	  • value: 43
	  • displayed: [-74,-73]
	• minus61_to_minus60
	  • value: 44
	  • displayed: [-61,-60]
	• minus113_to_minus112
	  • value: 45
	  • displayed: [-113,-112]
	• minus86_to_minus85
	  • value: 46
	  • displayed: [-86,-85]
	• minus103_to_minus102
	  • value: 47
	  • displayed: [-103,-102]
	• minus33_to_minus32
	  • value: 48
	  • displayed: [-33,-32]
	• minus29_to_minus28
	  • value: 49
	  • displayed: [-29,-28]
	• minus63_to_minus62
	  • value: 50
	  • displayed: [-63,-62]
	• minus115_to_minus114
	  • value: 51
	  • displayed: [-115,-114]

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Name	Value

Type (continued)	• minus66_to_minus65
	  • value: 52
	  • displayed: [-66,-65]
	• minus94_to_minus93
	  • value: 53
	  • displayed: [-94,-93]
	• minus71_to_minus70
	  • value: 54
	  • displayed: [-71,-70]
	• minus111_to_minus110
	  • value: 55
	  • displayed: [-111,-110]
	• minus93_to_minus92
	  • value: 56
	  • displayed: [-93,-92]
	• minus38_to_minus37
	  • value: 57
	  • displayed: [-38,-37]
	• minus91_to_minus90
	  • value: 58
	  • displayed: [-91,-90]
	• minus43_to_minus42
	  • value: 59
	  • displayed: [-43,-42]
	• minus73_to_minus72
	  • value: 60
	  • displayed: [-73,-72]
	• minus46_to_minus45
	  • value: 61
	  • displayed: [-46,-45]
	• minus64_to_minus63
	  • value: 62
	  • displayed: [-64,-63]
	• minus54_to_minus53
	  • value: 63
	  • displayed: [-54,-53]
	• minus88_to_minus87
	  • value: 64
	  • displayed: [-88,-87]
	• less_than_minus120
	  • value: 65
	  • displayed: Less Than -120
	• minus104_to_minus103
	  • value: 66
	  • displayed: [-104,-103]
	• minus112_to_minus111
	  • value: 67
	  • displayed: [-112,-111]
	• minus76_to_minus75
	  • value: 68
	  • displayed: [-76,-75]
	• minus53_to_minus52
	  • value: 69
	  • displayed: [-53,-52]

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Name	Value

Type (continued)	• minus114_to_minus113
	  • value: 70
	  • displayed: [-114,-113]
	• minus37_to_minus36
	  • value: 71
	  • displayed: [-37,-36]
	• minus39_to_minus38
	  • value: 72
	  • displayed: [-39,-38]
	• minus59_to_minus58
	  • value: 73
	  • displayed: [-59,-58]
	• minus99_to_minus98
	  • value: 74
	  • displayed: [-99,-98]
	• minus26_to_minus25
	  • value: 75
	  • displayed: [-26,-25]
	• minus105_to_minus104
	  • value: 76
	  • displayed: [-105,-104]
	• minus118_to_minus117
	  • value: 77
	  • displayed: [-118,-117]
	• minus60_to_minus59
	  • value: 78
	  • displayed: [-60,-59]
	• minus40_to_minus39
	  • value: 79
	  • displayed: [-40,-39]
	• minus27_to_minus26
	  • value: 80
	  • displayed: [-27,-26]
	• minus44_to_minus43
	  • value: 81
	  • displayed: [-44,-43]
	• minus32_to_minus31
	  • value: 82
	  • displayed: [-32,-31]
	• minus107_to_minus106
	  • value: 83
	  • displayed: [-107,-106]
	• minus68_to_minus67
	  • value: 84
	  • displayed: [-68,-67]
	• minus48_to_minus47
	  • value: 85
	  • displayed: [-48,-47]
	• minus77_to_minus76
	  • value: 86
	  • displayed: [-77,-76]
	• minus97_to_minus96
	  • value: 87
	  • displayed: [-97,-96]

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Name	Value

Type (continued)	• minus50_to_minus49
	  • value: 88
	  • displayed: [-50,-49]
	• minus84_to_minus83
	  • value: 89
	  • displayed: [-84,-83]
	• minus89_to_minus88
	  • value: 90
	  • displayed: [-89,-88]
	• minus58_to_minus57
	  • value: 91
	  • displayed: [-58,-57]
	• minus98_to_minus97
	  • value: 92
	  • displayed: [-98,-97]
	• minus80_to_minus79
	  • value: 93
	  • displayed: [-80,-79]
	• minus62_to_minus61
	  • value: 94
	  • displayed: [-62,-61]
	• minus42_to_minus41
	  • value: 95
	  • displayed: [-42,-41]
	• minus82_to_minus81
	  • value: 96
	  • displayed: [-82,-81]

Units	dBm
Impact	noReset
Displayed(tab/group)	threshold2UtraRscp
Note: The value of this parameter can be unset.	

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Table 189-11 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.
Type	IP address exclusively (hostname not allowed)
minimum	-140
maximum	-43
Units	dBm
Impact	noReset
Displayed(tab/group)	Threshold EUTRAN RSRP B1 B2
Note: The value of this parameter can be unset.	

Table 189-12 thresholdEutraRsrpB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRP included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is IE value 140 dBm. See TS 36.331.
Type	Integer
minimum	-140
maximum	-43
Units	dBm
Impact	noReset
Displayed(tab/group)	thresholdEutraRsrpB2
Note: The value of this parameter can be unset.	

Table 189-13 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 40)/2 in dB. See TS 36.331.
Type	IP address exclusively (hostname not allowed)
minimum	-20
maximum	-3
Units	dB
Impact	noReset
Displayed(tab/group)	Threshold EUTRAN RSRQ B1 B2
Note: The value of this parameter can be unset.	

Table 189-14 thresholdEutraRsrqB2

Name	Value
Description	This parameter configures the IE Threshold EUTRA RSRQ included in the IE ReportConfigInterRAT in the MeasConfig IE. This IE should be present if the parameter triggerTypeInterRAT is set to eventB2. The actual value used by UE is (IE value 40)/2 dB. See TS 36.331.
Type	IP address exclusively (hostname not allowed)
minimum	-20
maximum	-3
Units	dB

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Name	Value
Impact	noReset
Displayed(tab/group)	thresholdEutraRsrqB2
Note: The value of this parameter can be unset.	

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Table 189-15 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 49)/2 in dB. See TS 36.331.
Type	IP address exclusively (hostname not allowed)
minimum	-24.5
maximum	0
Units	dB
Impact	noReset
Displayed(tab/group)	thresholdUtraEcN0
Note: The value of this parameter can be unset.	

Table 189-16 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.
Type	Integer
minimum	-120
maximum	-24
Units	dBm
Impact	noReset
Displayed(tab/group)	thresholdUtraRscp
Note: The value of this parameter can be unset.	

Table 189-17 timeToTrigger

Name	Value
Description	TS36.331: This parameter configures the IE TimeToTrigger included in the IE ReportConfigInterRAT in the MeasConfig IE

Type	• ms1024
	  • value: 0
	  • displayed: 1024ms
	• ms640
	  • value: 1
	  • displayed: 640ms
	• ms512
	  • value: 2
	  • displayed: 512ms
	• ms100
	  • value: 3
	  • displayed: 100ms
	• ms480
	  • value: 4
	  • displayed: 480ms
	• ms1280
	  • value: 5
	  • displayed: 1280ms
	• ms0
	  • value: 6
	  • displayed: 0ms
	• ms80
	  • value: 7
	  • displayed: 80ms
	• ms5120
	  • value: 8
	  • displayed: 5120ms
	• ms64
	  • value: 9
	  • displayed: 64ms
	• ms40
	  • value: 10
	  • displayed: 40ms
	• ms256
	  • value: 11
	  • displayed: 256ms
	• ms2560
	  • value: 12
	  • displayed: 2560ms
	• ms320
	  • value: 13
	  • displayed: 320ms
	• ms128
	  • value: 14
	  • displayed: 128ms
	• ms160
	  • value: 15
	  • displayed: 160ms

Units	s

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Name	Value
Impact	noReset
Displayed(tab/group)	timeToTrigger

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Table 189-18 triggerTypeInterRAT

Name	Value
Description	TS36.331: This parameter configures the IE triggerType included in the IE ReportConfigInterRAT in the IE MeasConfig

Type	• eventB2
	  • value: 0
	  • displayed: Event B2
	• eventB1
	  • value: 1
	  • displayed: Event B1
	• periodicalSon
	  • value: 2
	  • displayed: Periodical Son

Impact	noReset
Displayed(tab/group)	triggerTypeInterRAT

190 —RET

Table 190-1 RET parameters

Parameters	
retAntennaCalibrate retAntennaTilt	retMechanicalTilt retSelfTest

Table 190-2 retAntennaCalibrate

Name	Value
Description	Large Tilt scan calibration procedure may be triggered by setting this object to true.

Type	• true
	  • value: 1
	  • displayed: True
	• false
	  • value: 2
	  • displayed: False
	• unknown
	  • value: 255
	  • displayed: Unknown

Displayed(tab/group)	Antenna Calibrate

Table 190-3 retAntennaTilt

Name	Value
Description	Composite electrical and mechanical tilt in units of 0.1 degree.
Type	Long integer
minimum	-900
maximum	900
Displayed(tab/group)	Antenna Tilt

Table 190-4 retMechanicalTilt

Name	Value
Description	User provided mechanical tilt in units of 0.1 degree.
Type	Long integer
minimum	-900
maximum	900

Table 190-5 retSelfTest

Name	Value
Description	Small tilt test procedure may be triggered by setting this object to true.

Type	• true
	  • value: 1
	  • displayed: True
	• false
	  • value: 2
	  • displayed: False
	• unknown
	  • value: 255
	  • displayed: Unknown

Displayed(tab/group)	Self Test

191 —RetSubUnit

Table 191-1 RetSubUnit parameters

Parameters	
retActuatorNumber	retAldRitNumber

Table 191-2 retActuatorNumber

Name	Value
Description	Number of the Actuator subunit associated with this RET unit
Type	Long integer
access	read-create
minimum	1
maximum	6
Mandatory on create	Yes
Displayed(tab/group)	ID

Table 191-3 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.
Type	Long integer
access	read-create
minimum	1
maximum	2147483647
Mandatory on create	Yes

192 —RfReferencePoint

Table 192-1 RfReferencePoint parameters

Parameters	
acctIntmInterval	ocFileClsLifeTime
acctLevel	ocFileClsMaxAcrs
applTxTimer	ocFileExtension
chargingGroupIDEnabled	ocFileObsoleteTime
nodeId	ocFilePrivateInfo
ocCf1Limit	ocPrimaryCf
ocCf2Limit	operatorString
ocFileClosureSize	retryCount

Table 192-2 acctIntmInterval

Name	Value
Type	Long integer
Default	1800
minimum	1
maximum	86400
Units	s
Displayed(tab/group)	Accounting Interim Interval

Table 192-3 acctLevel

Name	Value

Type	• undefined
	  • value: 0
	  • displayed: Undefined
	  • not selectable
	• pdnlevel
	  • value: 1
	  • displayed: PDN Level
	• qcilevel
	  • value: 2
	  • displayed: QCI Level

Default	qcilevel
Displayed(tab/group)	Accounting Level

Table 192-4 applTxTimer

Name	Value
Type	Integer
Default	5
minimum	1
maximum	30
Units	s
Displayed(tab/group)	Application Transaction Timer

Table 192-5 chargingGroupIDEnabled

Name	Value
Type	boolean
Default	false
Displayed(tab/group)	Inclusion of Charging-Group-ID AVP in ACR

Table 192-6 nodeId

Name	Value
Type	string
minimum	0

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Name	Value
maximum	20
Displayed(tab/group)	Node ID

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Table 192-7 ocCf1Limit

Name	Value
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Units	Mbps
Displayed(tab/group)	Configuration File Limit (Outage/ACR Storage on cf1)

Table 192-8 ocCf2Limit

Name	Value
Type	Long integer
Default	0
minimum	0
maximum	4294967295
Units	Mbps
Displayed(tab/group)	Configuration File Limit (Outage/ACR Storage on cf2)

Table 192-9 ocFileClosureSize

Name	Value
Type	Integer
Default	5
minimum	1
maximum	100
Units	Mbps
Displayed(tab/group)	Size Limit Before File Closure (Outage/File Parameters)

Table 192-10 ocFileClsLifeTime

Name	Value
Type	Integer
Default	1
minimum	1
maximum	24
Units	hours
Displayed(tab/group)	Duration before File Closure (Outage/File Parameters)

Table 192-11 ocFileClsMaxAcrs

Name	Value
Type	Integer
Default	5000
minimum	100
maximum	75000
Displayed(tab/group)	Limit for the number of ACRs (Outage/File Parameters)

Table 192-12 ocFileExtension

Name	Value
Type	string
minimum	0
maximum	8
Displayed(tab/group)	File Extension (Outage/File Parameters)

Table 192-13 ocFileObsoleteTime

Name	Value
Type	Integer
minimum	1
maximum	31
Units	days
Displayed(tab/group)	Duration before File Deletion (Outage/File Parameters)

Table 192-14 ocFilePrivateInfo

Name	Value
Type	string
minimum	0
maximum	32
Displayed(tab/group)	Private Info (Outage/File Parameters)

Table 192-15 ocPrimaryCf

Name	Value
Type	Integer
Default	cf1
Displayed(tab/group)	Primary Compact Flash (Outage/File Parameters)
enums	• 1: cf1 - cf1 • 2: cf2 - cf2 • 3: none - none *(not selectable)*

Table 192-16 operatorString

Name	Value
Type	string
minimum	0
maximum	32
Displayed(tab/group)	Operator-string AVP of an ACR Message

Table 192-17 retryCount

Name	Value
Type	Long integer
Default	3
minimum	1
maximum	8
Units	s
Displayed(tab/group)	Retry Count for ACR Messages

193 —RlcAmConf

Table 193-1 RlcAmConf parameters

Parameters	
id	pollTriggerTpollRetransmitDownlink
maxDownlinkBufferSize	timerStatusProhibitDownlink
maxRetxThresholddownlink	timerStatusProhibitUplink
maxRetxThresholdUplink	timerTpollRetransmitDownlink
pollByteDownlink	timerTpollRetransmitUplink
pollByteUplink	timerTreorderingDownlink
pollPDUDownlink	timerTreorderingUplink
pollPDUUplink	unansweredDownlinkPollCountMax

Table 193-2 id

Name	Value
Description	RlcAmConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 193-3 maxDownlinkBufferSize

Name	Value
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.
Type	Integer
Default	256
minimum	1
maximum	256
Units	Kbytes
Impact	fullReset
Displayed(tab/group)	maxDownlinkBufferSize

Table 193-4 maxRetxThresholdUplink

Name	Value
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.

Type	• t3
	  • value: 0
	  • displayed: 3 Retransmissions
	• t2
	  • value: 1
	  • displayed: 2 Retransmissions
	• t1
	  • value: 2
	  • displayed: 1 Retransmission
	• t32
	  • value: 3
	  • displayed: 32 Retransmissions
	• t4
	  • value: 4
	  • displayed: 4 Retransmissions
	• t16
	  • value: 5
	  • displayed: 16 Retransmissions
	• t6
	  • value: 6
	  • displayed: 6 Retransmissions
	• t8
	  • value: 7
	  • displayed: 8 Retransmissions

Default	t32
Units	reTx
Impact	fullReset
Displayed(tab/group)	maxRetxThresholdUplink

Table 193-5 maxRetxThresholddownlink

Name	Value
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.

Type	• t3
	  • value: 0
	  • displayed: 3 Retransmissions
	• t2
	  • value: 1
	  • displayed: 2 Retransmissions
	• t1
	  • value: 2
	  • displayed: 1 Retransmission
	• t32
	  • value: 3
	  • displayed: 32 Retransmissions
	• t4
	  • value: 4
	  • displayed: 4 Retransmissions
	• t16
	  • value: 5
	  • displayed: 16 Retransmissions
	• t6
	  • value: 6
	  • displayed: 6 Retransmissions
	• t8
	  • value: 7
	  • displayed: 8 Retransmissions

Default	t32
Units	reTx
Impact	fullReset
Displayed(tab/group)	maxRetxThresholddownlink

Table 193-6 pollByteDownlink

Name	Value
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.

Type	• kb1250
	  • value: 0
	  • displayed: 1250 kB
	• kb25
	  • value: 1
	  • displayed: 25 kB
	• kb500
	  • value: 2
	  • displayed: 500 kB

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Name	Value

Type (continued)	• kb250
	  • value: 3
	  • displayed: 250 kB
	• kb375
	  • value: 4
	  • displayed: 375 kB
	• kb75
	  • value: 5
	  • displayed: 75 kB
	• kb750
	  • value: 6
	  • displayed: 750 kB
	• kbinfinity
	  • value: 7
	  • displayed: Infinity
	• kb3000
	  • value: 8
	  • displayed: 3000 kB
	• kb50
	  • value: 9
	  • displayed: 50 kB
	• kb1000
	  • value: 10
	  • displayed: 1000 kB
	• kb2000
	  • value: 11
	  • displayed: 2000 kB
	• kb125
	  • value: 12
	  • displayed: 125 kB
	• kb100
	  • value: 13
	  • displayed: 100 kB
	• kb1500
	  • value: 14
	  • displayed: 1500 kB

Default	kbinfinity
Units	Kbytes
Impact	fullReset
Displayed(tab/group)	PollByteDownlink

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Table 193-7 pollByteUplink

Name	Value
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.

Type	• kb1250
	  • value: 0
	  • displayed: 1250 kB
	• kb25
	  • value: 1
	  • displayed: 25 kB
	• kb500
	  • value: 2
	  • displayed: 500 kB
	• kb250
	  • value: 3
	  • displayed: 250 kB
	• kb375
	  • value: 4
	  • displayed: 375 kB
	• kb75
	  • value: 5
	  • displayed: 75 kB
	• kb750
	  • value: 6
	  • displayed: 750 kB
	• kbinfinity
	  • value: 7
	  • displayed: Infinity
	• kb3000
	  • value: 8
	  • displayed: 3000 kB
	• kb50
	  • value: 9
	  • displayed: 50 kB
	• kb1000
	  • value: 10
	  • displayed: 1000 kB
	• kb2000
	  • value: 11
	  • displayed: 2000 kB
	• kb125
	  • value: 12
	  • displayed: 125 kB
	• kb100
	  • value: 13
	  • displayed: 100 kB
	• kb1500
	  • value: 14
	  • displayed: 1500 kB

Default	kbinfinity
Units	Kbytes

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Name	Value
Impact	fullReset
Displayed(tab/group)	PollByteUplink

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Table 193-8 pollPDUDownlink

Name	Value
Description	Downlink value of Poll_PDU parameter as per 36.322. This parameter represents the interval between pollings, in PDU. RLC AM specific

Type	• p64
	  • value: 0
	  • displayed: PDU 64
	• p16
	  • value: 1
	  • displayed: PDU 16
	• p4
	  • value: 2
	  • displayed: PDU 4
	• pInfinity
	  • value: 3
	  • displayed: Infinity
	• p256
	  • value: 4
	  • displayed: PDU 256
	• p128
	  • value: 5
	  • displayed: PDU 128
	• p32
	  • value: 6
	  • displayed: PDU 32
	• p8
	  • value: 7
	  • displayed: PDU 8

Default	p32
Units	pdu
Impact	fullReset
Displayed(tab/group)	pollPDUDownlink

Table 193-9 pollPDUUplink

Name	Value
Description	Downlink value of Poll_PDU parameter as per 36.322. This parameter represents the interval between pollings, in PDU. RLC AM specific

Type	• p64
	  • value: 0
	  • displayed: PDU 64

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Name	Value

Type (continued)	• p16
	  • value: 1
	  • displayed: PDU 16
	• p4
	  • value: 2
	  • displayed: PDU 4
	• pInfinity
	  • value: 3
	  • displayed: Infinity
	• p256
	  • value: 4
	  • displayed: PDU 256
	• p128
	  • value: 5
	  • displayed: PDU 128
	• p32
	  • value: 6
	  • displayed: PDU 32
	• p8
	  • value: 7
	  • displayed: PDU 8

Default	p32
Units	pdu
Impact	fullReset
Displayed(tab/group)	pollPDUUplink

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Table 193-10 pollTriggerTpollRetransmitDownlink

Name	Value
Description	Downlink activation flag for poll trigger upon expiration of timer T_poll_retransmit. RLC AM specific
Type	boolean
Default	true
Impact	fullReset
Displayed(tab/group)	pollTriggerTpollRetransmitDownlink

Table 193-11 timerStatusProhibitDownlink

Name	Value
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

Type	• ms215
	  • value: 0
	  • displayed: 215 ms
	• ms90
	  • value: 1
	  • displayed: 90 ms
	• ms45
	  • value: 2
	  • displayed: 45 ms
	• ms110
	  • value: 3
	  • displayed: 110 ms
	• ms115
	  • value: 4
	  • displayed: 115 ms
	• ms40
	  • value: 5
	  • displayed: 40 ms
	• ms155
	  • value: 6
	  • displayed: 155 ms
	• ms190
	  • value: 7
	  • displayed: 190 ms
	• ms195
	  • value: 8
	  • displayed: 195 ms
	• ms85
	  • value: 9
	  • displayed: 85 ms
	• ms350
	  • value: 10
	  • displayed: 350 ms
	• ms250
	  • value: 11
	  • displayed: 250 ms
	• ms150
	  • value: 12
	  • displayed: 150 ms
	• ms210
	  • value: 13
	  • displayed: 210 ms
	• ms205
	  • value: 14
	  • displayed: 205 ms
	• ms35
	  • value: 15
	  • displayed: 35 ms

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Name	Value

Type (continued)	• ms100
	  • value: 16
	  • displayed: 100 ms
	• ms80
	  • value: 17
	  • displayed: 80 ms
	• ms450
	  • value: 18
	  • displayed: 450 ms
	• ms30
	  • value: 19
	  • displayed: 30 ms
	• ms75
	  • value: 20
	  • displayed: 75 ms
	• ms245
	  • value: 21
	  • displayed: 245 ms
	• ms105
	  • value: 22
	  • displayed: 105 ms
	• ms180
	  • value: 23
	  • displayed: 180 ms
	• ms145
	  • value: 24
	  • displayed: 145 ms
	• ms400
	  • value: 25
	  • displayed: 400 ms
	• ms300
	  • value: 26
	  • displayed: 300 ms
	• ms240
	  • value: 27
	  • displayed: 240 ms
	• ms185
	  • value: 28
	  • displayed: 185 ms
	• ms200
	  • value: 29
	  • displayed: 200 ms
	• ms500
	  • value: 30
	  • displayed: 500 ms
	• ms140
	  • value: 31
	  • displayed: 140 ms
	• ms20
	  • value: 32
	  • displayed: 20 ms
	• ms135
	  • value: 33
	  • displayed: 135 ms

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Name	Value

Type (continued)	• ms25
	  • value: 34
	  • displayed: 25 ms
	• ms60
	  • value: 35
	  • displayed: 60 ms
	• ms65
	  • value: 36
	  • displayed: 65 ms
	• ms130
	  • value: 37
	  • displayed: 130 ms
	• ms230
	  • value: 38
	  • displayed: 230 ms
	• ms70
	  • value: 39
	  • displayed: 70 ms
	• ms175
	  • value: 40
	  • displayed: 175 ms
	• ms235
	  • value: 41
	  • displayed: 235 ms
	• ms170
	  • value: 42
	  • displayed: 170 ms
	• ms10
	  • value: 43
	  • displayed: 10 ms
	• ms15
	  • value: 44
	  • displayed: 15 ms
	• ms125
	  • value: 45
	  • displayed: 125 ms
	• ms50
	  • value: 46
	  • displayed: 50 ms
	• ms0
	  • value: 47
	  • displayed: 0 ms
	• ms55
	  • value: 48
	  • displayed: 55 ms
	• ms120
	  • value: 49
	  • displayed: 120 ms
	• ms5
	  • value: 50
	  • displayed: 5 ms
	• ms220
	  • value: 51
	  • displayed: 220 ms

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Name	Value

Type (continued)	• ms95
	  • value: 52
	  • displayed: 95 ms
	• ms225
	  • value: 53
	  • displayed: 225 ms
	• ms165
	  • value: 54
	  • displayed: 165 ms
	• ms160
	  • value: 55
	  • displayed: 160 ms

Default	ms10
Units	ms
Impact	fullReset
Displayed(tab/group)	timerStatusProhibitDownlink

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Table 193-12 timerStatusProhibitUplink

Name	Value
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

Type	• ms215
	  • value: 0
	  • displayed: 215 ms
	• ms90
	  • value: 1
	  • displayed: 90 ms
	• ms45
	  • value: 2
	  • displayed: 45 ms
	• ms110
	  • value: 3
	  • displayed: 110 ms
	• ms115
	  • value: 4
	  • displayed: 115 ms
	• ms40
	  • value: 5
	  • displayed: 40 ms
	• ms155
	  • value: 6
	  • displayed: 155 ms
	• ms190
	  • value: 7
	  • displayed: 190 ms

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Name	Value

Type (continued)	• ms195
	  • value: 8
	  • displayed: 195 ms
	• ms85
	  • value: 9
	  • displayed: 85 ms
	• ms350
	  • value: 10
	  • displayed: 350 ms
	• ms250
	  • value: 11
	  • displayed: 250 ms
	• ms150
	  • value: 12
	  • displayed: 150 ms
	• ms210
	  • value: 13
	  • displayed: 210 ms
	• ms205
	  • value: 14
	  • displayed: 205 ms
	• ms35
	  • value: 15
	  • displayed: 35 ms
	• ms100
	  • value: 16
	  • displayed: 100 ms
	• ms80
	  • value: 17
	  • displayed: 80 ms
	• ms450
	  • value: 18
	  • displayed: 450 ms
	• ms30
	  • value: 19
	  • displayed: 30 ms
	• ms75
	  • value: 20
	  • displayed: 75 ms
	• ms245
	  • value: 21
	  • displayed: 245 ms
	• ms105
	  • value: 22
	  • displayed: 105 ms
	• ms180
	  • value: 23
	  • displayed: 180 ms
	• ms145
	  • value: 24
	  • displayed: 145 ms
	• ms400
	  • value: 25
	  • displayed: 400 ms

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Name	Value

Type (continued)	• ms300
	  • value: 26
	  • displayed: 300 ms
	• ms240
	  • value: 27
	  • displayed: 240 ms
	• ms185
	  • value: 28
	  • displayed: 185 ms
	• ms200
	  • value: 29
	  • displayed: 200 ms
	• ms500
	  • value: 30
	  • displayed: 500 ms
	• ms140
	  • value: 31
	  • displayed: 140 ms
	• ms20
	  • value: 32
	  • displayed: 20 ms
	• ms135
	  • value: 33
	  • displayed: 135 ms
	• ms25
	  • value: 34
	  • displayed: 25 ms
	• ms60
	  • value: 35
	  • displayed: 60 ms
	• ms65
	  • value: 36
	  • displayed: 65 ms
	• ms130
	  • value: 37
	  • displayed: 130 ms
	• ms230
	  • value: 38
	  • displayed: 230 ms
	• ms70
	  • value: 39
	  • displayed: 70 ms
	• ms175
	  • value: 40
	  • displayed: 175 ms
	• ms235
	  • value: 41
	  • displayed: 235 ms
	• ms170
	  • value: 42
	  • displayed: 170 ms
	• ms10
	  • value: 43
	  • displayed: 10 ms

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Name	Value

Type (continued)	• ms15
	  • value: 44
	  • displayed: 15 ms
	• ms125
	  • value: 45
	  • displayed: 125 ms
	• ms50
	  • value: 46
	  • displayed: 50 ms
	• ms0
	  • value: 47
	  • displayed: 0 ms
	• ms55
	  • value: 48
	  • displayed: 55 ms
	• ms120
	  • value: 49
	  • displayed: 120 ms
	• ms5
	  • value: 50
	  • displayed: 5 ms
	• ms220
	  • value: 51
	  • displayed: 220 ms
	• ms95
	  • value: 52
	  • displayed: 95 ms
	• ms225
	  • value: 53
	  • displayed: 225 ms
	• ms165
	  • value: 54
	  • displayed: 165 ms
	• ms160
	  • value: 55
	  • displayed: 160 ms

Default	ms10
Units	ms
Impact	fullReset
Displayed(tab/group)	timerStatusProhibitUplink

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Table 193-13 timerTpollRetransmitDownlink

Name	Value
Description	Downlink value of timer T_poll_retransmit as per 36.322. RLC AM specific

Type	• ms215
	  • value: 0
	  • displayed: 215 ms

(1 of 5)

Name	Value

Type (continued)	• ms90
	  • value: 1
	  • displayed: 90 ms
	• ms45
	  • value: 2
	  • displayed: 45 ms
	• ms110
	  • value: 3
	  • displayed: 110 ms
	• ms115
	  • value: 4
	  • displayed: 115 ms
	• ms40
	  • value: 5
	  • displayed: 40 ms
	• ms155
	  • value: 6
	  • displayed: 155 ms
	• ms190
	  • value: 7
	  • displayed: 190 ms
	• ms195
	  • value: 8
	  • displayed: 195 ms
	• ms85
	  • value: 9
	  • displayed: 85 ms
	• ms350
	  • value: 10
	  • displayed: 350 ms
	• ms250
	  • value: 11
	  • displayed: 250 ms
	• ms150
	  • value: 12
	  • displayed: 150 ms
	• ms210
	  • value: 13
	  • displayed: 210 ms
	• ms205
	  • value: 14
	  • displayed: 205 ms
	• ms35
	  • value: 15
	  • displayed: 35 ms
	• ms100
	  • value: 16
	  • displayed: 100 ms
	• ms80
	  • value: 17
	  • displayed: 80 ms
	• ms450
	  • value: 18
	  • displayed: 450 ms

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Name	Value

Type (continued)	• ms30
	  • value: 19
	  • displayed: 30 ms
	• ms75
	  • value: 20
	  • displayed: 75 ms
	• ms245
	  • value: 21
	  • displayed: 245 ms
	• ms105
	  • value: 22
	  • displayed: 105 ms
	• ms180
	  • value: 23
	  • displayed: 180 ms
	• ms145
	  • value: 24
	  • displayed: 145 ms
	• ms400
	  • value: 25
	  • displayed: 400 ms
	• ms300
	  • value: 26
	  • displayed: 300 ms
	• ms240
	  • value: 27
	  • displayed: 240 ms
	• ms185
	  • value: 28
	  • displayed: 185 ms
	• ms200
	  • value: 29
	  • displayed: 200 ms
	• ms500
	  • value: 30
	  • displayed: 500 ms
	• ms140
	  • value: 31
	  • displayed: 140 ms
	• ms20
	  • value: 32
	  • displayed: 20 ms
	• ms135
	  • value: 33
	  • displayed: 135 ms
	• ms25
	  • value: 34
	  • displayed: 25 ms
	• ms60
	  • value: 35
	  • displayed: 60 ms
	• ms65
	  • value: 36
	  • displayed: 65 ms

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Name	Value

Type (continued)	• ms130
	  • value: 37
	  • displayed: 130 ms
	• ms230
	  • value: 38
	  • displayed: 230 ms
	• ms70
	  • value: 39
	  • displayed: 70 ms
	• ms175
	  • value: 40
	  • displayed: 175 ms
	• ms235
	  • value: 41
	  • displayed: 235 ms
	• ms170
	  • value: 42
	  • displayed: 170 ms
	• ms10
	  • value: 43
	  • displayed: 10 ms
	• ms15
	  • value: 44
	  • displayed: 15 ms
	• ms125
	  • value: 45
	  • displayed: 125 ms
	• ms50
	  • value: 46
	  • displayed: 50 ms
	• ms0
	  • value: 47
	  • displayed: 0 ms
	• ms55
	  • value: 48
	  • displayed: 55 ms
	• ms120
	  • value: 49
	  • displayed: 120 ms
	• ms5
	  • value: 50
	  • displayed: 5 ms
	• ms220
	  • value: 51
	  • displayed: 220 ms
	• ms95
	  • value: 52
	  • displayed: 95 ms
	• ms225
	  • value: 53
	  • displayed: 225 ms
	• ms165
	  • value: 54
	  • displayed: 165 ms

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Name	Value

Type (continued)	• ms160
	  • value: 55
	  • displayed: 160 ms

Default	ms60
Units	ms
Impact	fullReset
Displayed(tab/group)	timerTpollRetransmitDownlink

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Table 193-14 timerTpollRetransmitUplink

Name	Value
Description	Uplink value of timer T_poll_retransmit as per 36.322. RLC AM specific

Type	• ms215
	  • value: 0
	  • displayed: 215 ms
	• ms90
	  • value: 1
	  • displayed: 90 ms
	• ms45
	  • value: 2
	  • displayed: 45 ms
	• ms110
	  • value: 3
	  • displayed: 110 ms
	• ms115
	  • value: 4
	  • displayed: 115 ms
	• ms40
	  • value: 5
	  • displayed: 40 ms
	• ms155
	  • value: 6
	  • displayed: 155 ms
	• ms190
	  • value: 7
	  • displayed: 190 ms
	• ms195
	  • value: 8
	  • displayed: 195 ms
	• ms85
	  • value: 9
	  • displayed: 85 ms
	• ms350
	  • value: 10
	  • displayed: 350 ms
	• ms250
	  • value: 11
	  • displayed: 250 ms

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Name	Value

Type (continued)	• ms150
	  • value: 12
	  • displayed: 150 ms
	• ms210
	  • value: 13
	  • displayed: 210 ms
	• ms205
	  • value: 14
	  • displayed: 205 ms
	• ms35
	  • value: 15
	  • displayed: 35 ms
	• ms100
	  • value: 16
	  • displayed: 100 ms
	• ms80
	  • value: 17
	  • displayed: 80 ms
	• ms450
	  • value: 18
	  • displayed: 450 ms
	• ms30
	  • value: 19
	  • displayed: 30 ms
	• ms75
	  • value: 20
	  • displayed: 75 ms
	• ms245
	  • value: 21
	  • displayed: 245 ms
	• ms105
	  • value: 22
	  • displayed: 105 ms
	• ms180
	  • value: 23
	  • displayed: 180 ms
	• ms145
	  • value: 24
	  • displayed: 145 ms
	• ms400
	  • value: 25
	  • displayed: 400 ms
	• ms300
	  • value: 26
	  • displayed: 300 ms
	• ms240
	  • value: 27
	  • displayed: 240 ms
	• ms185
	  • value: 28
	  • displayed: 185 ms
	• ms200
	  • value: 29
	  • displayed: 200 ms

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Name	Value

Type (continued)	• ms500
	  • value: 30
	  • displayed: 500 ms
	• ms140
	  • value: 31
	  • displayed: 140 ms
	• ms20
	  • value: 32
	  • displayed: 20 ms
	• ms135
	  • value: 33
	  • displayed: 135 ms
	• ms25
	  • value: 34
	  • displayed: 25 ms
	• ms60
	  • value: 35
	  • displayed: 60 ms
	• ms65
	  • value: 36
	  • displayed: 65 ms
	• ms130
	  • value: 37
	  • displayed: 130 ms
	• ms230
	  • value: 38
	  • displayed: 230 ms
	• ms70
	  • value: 39
	  • displayed: 70 ms
	• ms175
	  • value: 40
	  • displayed: 175 ms
	• ms235
	  • value: 41
	  • displayed: 235 ms
	• ms170
	  • value: 42
	  • displayed: 170 ms
	• ms10
	  • value: 43
	  • displayed: 10 ms
	• ms15
	  • value: 44
	  • displayed: 15 ms
	• ms125
	  • value: 45
	  • displayed: 125 ms
	• ms50
	  • value: 46
	  • displayed: 50 ms
	• ms0
	  • value: 47
	  • displayed: 0 ms

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Name	Value

Type (continued)	• ms55
	  • value: 48
	  • displayed: 55 ms
	• ms120
	  • value: 49
	  • displayed: 120 ms
	• ms5
	  • value: 50
	  • displayed: 5 ms
	• ms220
	  • value: 51
	  • displayed: 220 ms
	• ms95
	  • value: 52
	  • displayed: 95 ms
	• ms225
	  • value: 53
	  • displayed: 225 ms
	• ms165
	  • value: 54
	  • displayed: 165 ms
	• ms160
	  • value: 55
	  • displayed: 160 ms

Default	ms60
Units	ms
Impact	fullReset
Displayed(tab/group)	timerTpollRetransmitUplink

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Table 193-15 timerTreorderingDownlink

Name	Value
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.

Type	• ms20
	  • value: 0
	  • displayed: 20 ms
	• ms60
	  • value: 1
	  • displayed: 60 ms
	• ms25
	  • value: 2
	  • displayed: 25 ms
	• ms45
	  • value: 3
	  • displayed: 45 ms
	• ms90
	  • value: 4
	  • displayed: 90 ms

(1 of 3)

Name	Value

Type (continued)	• ms110
	  • value: 5
	  • displayed: 110 ms
	• ms65
	  • value: 6
	  • displayed: 65 ms
	• ms130
	  • value: 7
	  • displayed: 130 ms
	• ms40
	  • value: 8
	  • displayed: 40 ms
	• ms190
	  • value: 9
	  • displayed: 190 ms
	• ms85
	  • value: 10
	  • displayed: 85 ms
	• ms70
	  • value: 11
	  • displayed: 70 ms
	• ms170
	  • value: 12
	  • displayed: 170 ms
	• ms150
	  • value: 13
	  • displayed: 150 ms
	• ms35
	  • value: 14
	  • displayed: 35 ms
	• ms10
	  • value: 15
	  • displayed: 10 ms
	• ms15
	  • value: 16
	  • displayed: 15 ms
	• ms100
	  • value: 17
	  • displayed: 100 ms
	• ms50
	  • value: 18
	  • displayed: 50 ms
	• ms0
	  • value: 19
	  • displayed: 0 ms
	• ms80
	  • value: 20
	  • displayed: 80 ms
	• ms30
	  • value: 21
	  • displayed: 30 ms
	• ms55
	  • value: 22
	  • displayed: 55 ms

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Name	Value

Type (continued)	• ms5
	  • value: 23
	  • displayed: 5 ms
	• ms120
	  • value: 24
	  • displayed: 120 ms
	• ms75
	  • value: 25
	  • displayed: 75 ms
	• ms180
	  • value: 26
	  • displayed: 180 ms
	• ms95
	  • value: 27
	  • displayed: 95 ms
	• ms160
	  • value: 28
	  • displayed: 160 ms
	• ms200
	  • value: 29
	  • displayed: 200 ms
	• ms140
	  • value: 30
	  • displayed: 140 ms

Default	ms45
Units	ms
Impact	fullReset
Displayed(tab/group)	timerTreorderingDownlink

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Table 193-16 timerTreorderingUplink

Name	Value
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.

Type	• ms20
	  • value: 0
	  • displayed: 20 ms
	• ms60
	  • value: 1
	  • displayed: 60 ms
	• ms25
	  • value: 2
	  • displayed: 25 ms
	• ms45
	  • value: 3
	  • displayed: 45 ms
	• ms90
	  • value: 4
	  • displayed: 90 ms

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Name	Value

Type (continued)	• ms110
	  • value: 5
	  • displayed: 110 ms
	• ms65
	  • value: 6
	  • displayed: 65 ms
	• ms130
	  • value: 7
	  • displayed: 130 ms
	• ms40
	  • value: 8
	  • displayed: 40 ms
	• ms190
	  • value: 9
	  • displayed: 190 ms
	• ms85
	  • value: 10
	  • displayed: 85 ms
	• ms70
	  • value: 11
	  • displayed: 70 ms
	• ms170
	  • value: 12
	  • displayed: 170 ms
	• ms150
	  • value: 13
	  • displayed: 150 ms
	• ms35
	  • value: 14
	  • displayed: 35 ms
	• ms10
	  • value: 15
	  • displayed: 10 ms
	• ms15
	  • value: 16
	  • displayed: 15 ms
	• ms100
	  • value: 17
	  • displayed: 100 ms
	• ms50
	  • value: 18
	  • displayed: 50 ms
	• ms0
	  • value: 19
	  • displayed: 0 ms
	• ms80
	  • value: 20
	  • displayed: 80 ms
	• ms30
	  • value: 21
	  • displayed: 30 ms
	• ms55
	  • value: 22
	  • displayed: 55 ms

(2 of 3)

Name	Value

Type (continued)	• ms5
	  • value: 23
	  • displayed: 5 ms
	• ms120
	  • value: 24
	  • displayed: 120 ms
	• ms75
	  • value: 25
	  • displayed: 75 ms
	• ms180
	  • value: 26
	  • displayed: 180 ms
	• ms95
	  • value: 27
	  • displayed: 95 ms
	• ms160
	  • value: 28
	  • displayed: 160 ms
	• ms200
	  • value: 29
	  • displayed: 200 ms
	• ms140
	  • value: 30
	  • displayed: 140 ms

Default	ms45
Units	ms
Impact	fullReset
Displayed(tab/group)	timerTreorderingUplink

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Table 193-17 unansweredDownlinkPollCountMax

Name	Value
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
Type	Integer
Default	63
minimum	1
maximum	63
Impact	fullReset
Displayed(tab/group)	unansweredDownlinkPollCountMax

194 —RlcConf

Table 194-1 id

Name	Value
Description	RlcConf identifier
Type	Integer
access	read-create
minimum	0
maximum	3
Mandatory on create	Yes
Displayed(tab/group)	id

195 —RlcUmConf

Table 195-1 RlcUmConf parameters

Parameters	
id maxDownlinkBufferSize sNfieldLengthDownlink	sNfieldLengthUplink timerTreorderingDownlink timerTreorderingUplink

Table 195-2 id

Name	Value
Description	RlcUmConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 195-3 maxDownlinkBufferSize

Name	Value
Description	Max amount of data in byte occupied by the buffer(s) of the UM DL RLC entity. eNodeB internal.
Type	Integer
Default	256
minimum	1
maximum	256
Units	Kbytes
Impact	fullReset
Displayed(tab/group)	maxDownlinkBufferSize

Table 195-4 sNfieldLengthDownlink

Name	Value
Description	Downlink value of SN field size parametert as per 36.322. RLC UM specific

Type	• size10
	  • value: 0
	  • displayed: Size 10
	• size5
	  • value: 1
	  • displayed: Size 5

Default	size10
Units	bits
Impact	fullReset
Displayed(tab/group)	sNfieldLengthDownlink

Table 195-5 sNfieldLengthUplink

Name	Value
Description	Uplink value of SN field size parametert as per 36.322. RLC UM specific

Type	• size10
	  • value: 0
	  • displayed: Size 10
	• size5
	  • value: 1
	  • displayed: Size 5

Default	size10
Units	bits

(1 of 2)

Name	Value
Impact	fullReset
Displayed(tab/group)	sNfieldLengthUplink

(2 of 2)

Table 195-6 timerTreorderingDownlink

Name	Value
Description	Value of Downlink UM timer T_reordering as per 36.322

Type	• ms20
	  • value: 0
	  • displayed: 20 ms
	• ms60
	  • value: 1
	  • displayed: 60 ms
	• ms25
	  • value: 2
	  • displayed: 25 ms
	• ms45
	  • value: 3
	  • displayed: 45 ms
	• ms90
	  • value: 4
	  • displayed: 90 ms
	• ms110
	  • value: 5
	  • displayed: 110 ms
	• ms65
	  • value: 6
	  • displayed: 65 ms
	• ms130
	  • value: 7
	  • displayed: 130 ms
	• ms40
	  • value: 8
	  • displayed: 40 ms
	• ms190
	  • value: 9
	  • displayed: 190 ms
	• ms85
	  • value: 10
	  • displayed: 85 ms
	• ms70
	  • value: 11
	  • displayed: 70 ms
	• ms170
	  • value: 12
	  • displayed: 170 ms
	• ms150
	  • value: 13
	  • displayed: 150 ms

(1 of 3)

Name	Value

Type (continued)	• ms35
	  • value: 14
	  • displayed: 35 ms
	• ms10
	  • value: 15
	  • displayed: 10 ms
	• ms15
	  • value: 16
	  • displayed: 15 ms
	• ms100
	  • value: 17
	  • displayed: 100 ms
	• ms50
	  • value: 18
	  • displayed: 50 ms
	• ms0
	  • value: 19
	  • displayed: 0 ms
	• ms80
	  • value: 20
	  • displayed: 80 ms
	• ms30
	  • value: 21
	  • displayed: 30 ms
	• ms55
	  • value: 22
	  • displayed: 55 ms
	• ms5
	  • value: 23
	  • displayed: 5 ms
	• ms120
	  • value: 24
	  • displayed: 120 ms
	• ms75
	  • value: 25
	  • displayed: 75 ms
	• ms180
	  • value: 26
	  • displayed: 180 ms
	• ms95
	  • value: 27
	  • displayed: 95 ms
	• ms160
	  • value: 28
	  • displayed: 160 ms
	• ms200
	  • value: 29
	  • displayed: 200 ms
	• ms140
	  • value: 30
	  • displayed: 140 ms

Default	ms45
Units	ms

(2 of 3)

Name	Value
Impact	fullReset
Displayed(tab/group)	timerTreorderingDownlink

(3 of 3)

Table 195-7 timerTreorderingUplink

Name	Value
Description	Value of Uplink UM timer T_reordering as per 36.322

Type	• ms20
	  • value: 0
	  • displayed: 20 ms
	• ms60
	  • value: 1
	  • displayed: 60 ms
	• ms25
	  • value: 2
	  • displayed: 25 ms
	• ms45
	  • value: 3
	  • displayed: 45 ms
	• ms90
	  • value: 4
	  • displayed: 90 ms
	• ms110
	  • value: 5
	  • displayed: 110 ms
	• ms65
	  • value: 6
	  • displayed: 65 ms
	• ms130
	  • value: 7
	  • displayed: 130 ms
	• ms40
	  • value: 8
	  • displayed: 40 ms
	• ms190
	  • value: 9
	  • displayed: 190 ms
	• ms85
	  • value: 10
	  • displayed: 85 ms
	• ms70
	  • value: 11
	  • displayed: 70 ms
	• ms170
	  • value: 12
	  • displayed: 170 ms
	• ms150
	  • value: 13
	  • displayed: 150 ms

(1 of 3)

Name	Value

Type (continued)	• ms35
	  • value: 14
	  • displayed: 35 ms
	• ms10
	  • value: 15
	  • displayed: 10 ms
	• ms15
	  • value: 16
	  • displayed: 15 ms
	• ms100
	  • value: 17
	  • displayed: 100 ms
	• ms50
	  • value: 18
	  • displayed: 50 ms
	• ms0
	  • value: 19
	  • displayed: 0 ms
	• ms80
	  • value: 20
	  • displayed: 80 ms
	• ms30
	  • value: 21
	  • displayed: 30 ms
	• ms55
	  • value: 22
	  • displayed: 55 ms
	• ms5
	  • value: 23
	  • displayed: 5 ms
	• ms120
	  • value: 24
	  • displayed: 120 ms
	• ms75
	  • value: 25
	  • displayed: 75 ms
	• ms180
	  • value: 26
	  • displayed: 180 ms
	• ms95
	  • value: 27
	  • displayed: 95 ms
	• ms160
	  • value: 28
	  • displayed: 160 ms
	• ms200
	  • value: 29
	  • displayed: 200 ms
	• ms140
	  • value: 30
	  • displayed: 140 ms

Default	ms45
Units	ms

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Name	Value
Impact	fullReset
Displayed(tab/group)	timerTreorderingUplink

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196 —RncAccess

Table 196-1 RncAccess parameters

Parameters	
directFwdPathAvailability	psHandoverUtraEnabled
extendedRncId	psHandoverUtraFddEnabled
id	rdnId
plmnMobileCountryCode	rncId
plmnMobileNetworkCode	

Table 196-2 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.
Type	boolean
Impact	noReset
Displayed(tab/group)	directFwdPathAvailability

Table 196-3 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
Type	Integer
minimum	4096
maximum	65535
Impact	noReset
Displayed(tab/group)	extendedRncId
Note: The value of this parameter can be unset.	

Table 196-4 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
Type	string
access	read-create
minimum	1
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	id

Table 196-5 plmnMobileCountryCode

Name	Value
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

Type	• default
	  • value: 0
	  • displayed: 0 - Default
	  • not selectable
	• select
	  • value: 1
	  • displayed: Select Mobile Country Code
	  • not selectable

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Name	Value

Type (continued)	• gr
	  • value: 202
	  • displayed: 202 - Greece
	• nl
	  • value: 204
	  • displayed: 204 - Netherlands
	• be
	  • value: 206
	  • displayed: 206 - Belgium
	• fr
	  • value: 208
	  • displayed: 208 - France
	• mc
	  • value: 212
	  • displayed: 212 - Monaco
	• ad
	  • value: 213
	  • displayed: 213 - Andorra
	• es
	  • value: 214
	  • displayed: 214 - Spain
	• hu
	  • value: 216
	  • displayed: 216 - Hungary
	• ba
	  • value: 218
	  • displayed: 218 - Bosnia and Herzegovina
	• hr
	  • value: 219
	  • displayed: 219 - Croatia
	• rs
	  • value: 220
	  • displayed: 220 - Serbia (Republic of)
	• it
	  • value: 222
	  • displayed: 222 - Italy
	• va
	  • value: 225
	  • displayed: 225 - Vatican City State
	• ro
	  • value: 226
	  • displayed: 226 - Romania
	• ch
	  • value: 228
	  • displayed: 228 - Switzerland
	• cz
	  • value: 230
	  • displayed: 230 - Czech Republic
	• sk
	  • value: 231
	  • displayed: 231 - Slovakia
	• at
	  • value: 232
	  • displayed: 232 - Austria

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Name	Value

Type (continued)	• gb2
	  • value: 234
	  • displayed: 234 - United Kingdom (2)
	• gb1
	  • value: 235
	  • displayed: 235 - United Kingdom (1)
	• dk
	  • value: 238
	  • displayed: 238 - Denmark
	• se
	  • value: 240
	  • displayed: 240 - Sweden
	• no
	  • value: 242
	  • displayed: 242 - Norway
	• fi
	  • value: 244
	  • displayed: 244 - Finland
	• lt
	  • value: 246
	  • displayed: 246 - Lithuania
	• lv
	  • value: 247
	  • displayed: 247 - Latvia
	• ee
	  • value: 248
	  • displayed: 248 - Estonia
	• ru
	  • value: 250
	  • displayed: 250 - Russian Federation
	• ua
	  • value: 255
	  • displayed: 255 - Ukraine
	• by
	  • value: 257
	  • displayed: 257 - Belarus
	• md
	  • value: 259
	  • displayed: 259 - Moldova
	• pl
	  • value: 260
	  • displayed: 260 - Poland
	• de
	  • value: 262
	  • displayed: 262 - Germany
	• gi
	  • value: 266
	  • displayed: 266 - Gibraltar (UK)
	• pt
	  • value: 268
	  • displayed: 268 - Portugal
	• lu
	  • value: 270
	  • displayed: 270 - Luxembourg

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Name	Value

Type (continued)	• ie
	  • value: 272
	  • displayed: 272 - Ireland
	• is
	  • value: 274
	  • displayed: 274 - Iceland
	• al
	  • value: 276
	  • displayed: 276 - Albania
	• mt
	  • value: 278
	  • displayed: 278 - Malta
	• cy
	  • value: 280
	  • displayed: 280 - Cyprus
	• ge
	  • value: 282
	  • displayed: 282 - Georgia
	• am
	  • value: 283
	  • displayed: 283 - Armenia
	• bg
	  • value: 284
	  • displayed: 284 - Bulgaria
	• tr
	  • value: 286
	  • displayed: 286 - Turkey
	• fo
	  • value: 288
	  • displayed: 288 - Faroe Islands (Denmark)
	• ak
	  • value: 289
	  • displayed: 289 - Abkhazia (Georgia)
	• gl
	  • value: 290
	  • displayed: 290 - Greenland (Denmark)
	• sm
	  • value: 292
	  • displayed: 292 - San Marino
	• si
	  • value: 293
	  • displayed: 293 - Slovenia
	• mk
	  • value: 294
	  • displayed: 294 - Republic of Macedonia
	• li
	  • value: 295
	  • displayed: 295 - Liechtenstein
	• me
	  • value: 297
	  • displayed: 297 - Montenegro (Republic of)
	• ca
	  • value: 302
	  • displayed: 302 - Canada

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Name	Value

Type (continued)	• pm
	  • value: 308
	  • displayed: 308 - Saint Pierre et Miquelon (France)
	• us1
	  • value: 310
	  • displayed: 310 - United States of America (1)
	• us2
	  • value: 311
	  • displayed: 311 - United States of America (2)
	• us3
	  • value: 312
	  • displayed: 312 - United States of America (3)
	• us4
	  • value: 313
	  • displayed: 313 - United States of America (4)
	• us5
	  • value: 314
	  • displayed: 314 - United States of America (5)
	• us6
	  • value: 315
	  • displayed: 315 - United States of America (6)
	• us7
	  • value: 316
	  • displayed: 316 - United States of America (7)
	• pr
	  • value: 330
	  • displayed: 330 - Puerto Rico (US)
	• vi
	  • value: 332
	  • displayed: 332 - United States Virgin Islands (US)
	• mx
	  • value: 334
	  • displayed: 334 - Mexico
	• jm
	  • value: 338
	  • displayed: 338 - Jamaica
	• gp
	  • value: 340
	  • displayed: 340 - Guadeloupe et Martinique (France)
	• bb
	  • value: 342
	  • displayed: 342 - Barbados
	• ag
	  • value: 344
	  • displayed: 344 - Antigua and Barbuda
	• ky
	  • value: 346
	  • displayed: 346 - Cayman Islands (UK)
	• vg
	  • value: 348
	  • displayed: 348 - British Virgin Islands (UK)
	• bm
	  • value: 350
	  • displayed: 350 - Bermuda (UK)

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Name	Value

Type (continued)	• gd
	  • value: 352
	  • displayed: 353 - Grenada
	• ms
	  • value: 354
	  • displayed: 354 - Montserrat (UK)
	• kn
	  • value: 356
	  • displayed: 356 - Saint Kitts and Nevis
	• lc
	  • value: 358
	  • displayed: 358 - Saint Lucia
	• vc
	  • value: 360
	  • displayed: 360 - Saint Vincent and the Grenadines
	• an
	  • value: 362
	  • displayed: 362 - Netherlands Antilles (Netherlands)
	• aw
	  • value: 363
	  • displayed: 363 - Aruba (Netherlands)
	• bs
	  • value: 364
	  • displayed: 364 - Bahamas
	• ai
	  • value: 365
	  • displayed: 365 - Anguilla
	• dm
	  • value: 366
	  • displayed: 366 - Dominica
	• cu
	  • value: 368
	  • displayed: 368 - Cuba
	• do
	  • value: 370
	  • displayed: 370 - Dominican Republic
	• ht
	  • value: 372
	  • displayed: 372 - Haiti
	• tt
	  • value: 374
	  • displayed: 374 - Trinidad and Tobago
	• tc
	  • value: 376
	  • displayed: 376 - Turks and Caicos Islands (UK)
	• az
	  • value: 400
	  • displayed: 400 - Azerbaijani Republic
	• kz
	  • value: 401
	  • displayed: 401 - Kazakhstan
	• bt
	  • value: 402
	  • displayed: 402 - Bhutan

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Name	Value

Type (continued)	• in1
	  • value: 404
	  • displayed: 404 - India (1)
	• in2
	  • value: 405
	  • displayed: 405 - India (2)
	• pk
	  • value: 410
	  • displayed: 410 - Pakistan
	• af
	  • value: 412
	  • displayed: 412 - Afghanistan
	• lk
	  • value: 413
	  • displayed: 413 - Sri Lanka
	• mm
	  • value: 414
	  • displayed: 414 - Myanmar
	• lb
	  • value: 415
	  • displayed: 415 - Lebanon
	• jo
	  • value: 416
	  • displayed: 416 - Jordan
	• sy
	  • value: 417
	  • displayed: 417 - Syria
	• iq
	  • value: 418
	  • displayed: 418 - Iraq
	• kw
	  • value: 419
	  • displayed: 419 - Kuwait
	• sa
	  • value: 420
	  • displayed: 420 - Saudi Arabia
	• ye
	  • value: 421
	  • displayed: 421 - Yemen
	• om
	  • value: 422
	  • displayed: 422 - Oman
	• ps
	  • value: 423
	  • displayed: 423 - Palestine
	• ae1
	  • value: 424
	  • displayed: 424 - United Arab Emirates
	• il
	  • value: 425
	  • displayed: 425 - Israel
	• bh
	  • value: 426
	  • displayed: 426 - Bahrain

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Name	Value

Type (continued)	• qa
	  • value: 427
	  • displayed: 427 - Qatar
	• mn
	  • value: 428
	  • displayed: 428 - Mongolia
	• np
	  • value: 429
	  • displayed: 429 - Nepal
	• ae2
	  • value: 430
	  • displayed: 430 - United Arab Emirates (Abu Dhabi)
	• ae3
	  • value: 431
	  • displayed: 431 - United Arab Emirates (Dubai)
	• ir
	  • value: 432
	  • displayed: 432 - Iran
	• uz
	  • value: 434
	  • displayed: 434 - Uzbekistan
	• tj
	  • value: 436
	  • displayed: 436 - Tajikistan
	• kg
	  • value: 437
	  • displayed: 437 - Kyrgyz Republic
	• tm
	  • value: 438
	  • displayed: 438 - Turkmenistan
	• jp2
	  • value: 440
	  • displayed: 440 - Japan (2)
	• jp1
	  • value: 441
	  • displayed: 441 - Japan (1)
	• kr
	  • value: 450
	  • displayed: 450 - Korea, South
	• vn
	  • value: 452
	  • displayed: 452 - Viet Nam
	• hk
	  • value: 454
	  • displayed: 454 - Hong Kong (PRC)
	• mo
	  • value: 455
	  • displayed: 455 - Macau (PRC)
	• kh
	  • value: 456
	  • displayed: 456 - Cambodia
	• la
	  • value: 457
	  • displayed: 457 - Laos

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Name	Value

Type (continued)	• cn
	  • value: 460
	  • displayed: 460 - China
	• tw
	  • value: 466
	  • displayed: 466 - Taiwan
	• kp
	  • value: 467
	  • displayed: 467 - Korea, North
	• bd
	  • value: 470
	  • displayed: 470 - Bangladesh
	• mv
	  • value: 472
	  • displayed: 472 - Maldives
	• my
	  • value: 502
	  • displayed: 502 - Malaysia
	• au
	  • value: 505
	  • displayed: 505 - Australia
	• id
	  • value: 510
	  • displayed: 510 - Indonesia
	• tl
	  • value: 514
	  • displayed: 514 - East Timor
	• ph
	  • value: 515
	  • displayed: 515 - Philippines
	• th
	  • value: 520
	  • displayed: 520 - Thailand
	• sg
	  • value: 525
	  • displayed: 525 - Singapore
	• bn
	  • value: 528
	  • displayed: 528 - Brunei Darussalam
	• nz
	  • value: 530
	  • displayed: 530 - New Zealand
	• mp
	  • value: 534
	  • displayed: 534 - Northern Mariana Islands (US)
	• gu
	  • value: 535
	  • displayed: 535 - Guam (US)
	• nr
	  • value: 536
	  • displayed: 536 - Nauru
	• pg
	  • value: 537
	  • displayed: 537 - Papua New Guinea

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Name	Value

Type (continued)	• to
	  • value: 539
	  • displayed: 539 - Tonga
	• sb
	  • value: 540
	  • displayed: 540 - Solomon Islands
	• vu
	  • value: 541
	  • displayed: 541 - Vanuatu
	• fj
	  • value: 542
	  • displayed: 542 - Fiji
	• wf
	  • value: 543
	  • displayed: 543 - Wallis et Futuna (France)
	• as
	  • value: 544
	  • displayed: 544 - American Samoa (US)
	• ki
	  • value: 545
	  • displayed: 545 - Kiribati
	• nc
	  • value: 546
	  • displayed: 546 - New Caledonia (France)
	• pf
	  • value: 547
	  • displayed: 547 - French Polynesia (France)
	• ck
	  • value: 548
	  • displayed: 548 - Cook Islands (NZ)
	• ws
	  • value: 549
	  • displayed: 549 - Samoa
	• fm
	  • value: 550
	  • displayed: 550 - Federated States of Micronesia
	• mh
	  • value: 551
	  • displayed: 551 - Marshall Islands
	• pw
	  • value: 552
	  • displayed: 552 - Palau
	• eg
	  • value: 602
	  • displayed: 602 - Egypt
	• dz
	  • value: 603
	  • displayed: 603 - Algeria
	• ma
	  • value: 604
	  • displayed: 604 - Morocco
	• tn
	  • value: 605
	  • displayed: 605 - Tunisia

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Name	Value

Type (continued)	• ly
	  • value: 606
	  • displayed: 606 - Libya
	• gm
	  • value: 607
	  • displayed: 607 - Gambia
	• sn
	  • value: 608
	  • displayed: 608 - Senegal
	• mr
	  • value: 609
	  • displayed: 609 - Mauritania
	• ml
	  • value: 610
	  • displayed: 610 - Mali
	• gn
	  • value: 611
	  • displayed: 611 - Guinea
	• ci
	  • value: 612
	  • displayed: 612 - Cote d'Ivoire
	• bf
	  • value: 613
	  • displayed: 613 - Burkina Faso
	• ne
	  • value: 614
	  • displayed: 614 - Niger
	• tg
	  • value: 615
	  • displayed: 615 - Togolese Republic
	• bj
	  • value: 616
	  • displayed: 616 - Benin
	• mu
	  • value: 617
	  • displayed: 617 - Mauritius
	• lr
	  • value: 618
	  • displayed: 618 - Liberia
	• sl
	  • value: 619
	  • displayed: 619 - Sierra Leone
	• gh
	  • value: 620
	  • displayed: 620 - Ghana
	• ng
	  • value: 621
	  • displayed: 621 - Nigeria
	• td
	  • value: 622
	  • displayed: 622 - Chad
	• cf
	  • value: 623
	  • displayed: 623 - Central African Republic

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Name	Value

Type (continued)	• cm
	  • value: 624
	  • displayed: 624 - Cameroon
	• cv
	  • value: 625
	  • displayed: 625 - Cape Verde
	• st
	  • value: 626
	  • displayed: 626 - Sao Tome and Principe
	• gq
	  • value: 627
	  • displayed: 627 - Equatorial Guinea
	• ga
	  • value: 628
	  • displayed: 628 - Gabonese Republic
	• cg
	  • value: 629
	  • displayed: 629 - Republic of the Congo
	• cd
	  • value: 630
	  • displayed: 630 - Democratic Republic of the Congo
	• ao
	  • value: 631
	  • displayed: 631 - Angola
	• gw
	  • value: 632
	  • displayed: 632 - Guinea-Bissau
	• sc
	  • value: 633
	  • displayed: 633 - Seychelles
	• sd
	  • value: 634
	  • displayed: 634 - Sudan
	• rw
	  • value: 635
	  • displayed: 635 - Rwandese Republic
	• et
	  • value: 636
	  • displayed: 636 - Ethiopia
	• so
	  • value: 637
	  • displayed: 637 - Somalia
	• dj
	  • value: 638
	  • displayed: 638 - Djibouti
	• ke
	  • value: 639
	  • displayed: 639 - Kenya
	• tz
	  • value: 640
	  • displayed: 640 - Tanzania
	• ug
	  • value: 641
	  • displayed: 641 - Uganda

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Name	Value

Type (continued)	• bi
	  • value: 642
	  • displayed: 642 - Burundi
	• mz
	  • value: 643
	  • displayed: 643 - Mozambique
	• zm
	  • value: 645
	  • displayed: 645 - Zambia
	• mg
	  • value: 646
	  • displayed: 646 - Madagascar
	• re
	  • value: 647
	  • displayed: 647 - Reunion (France)
	• zw
	  • value: 648
	  • displayed: 648 - Zimbabwe
	• na
	  • value: 649
	  • displayed: 649 - Namibia
	• mw
	  • value: 650
	  • displayed: 650 - Malawi
	• ls
	  • value: 651
	  • displayed: 651 - Lesotho
	• bw
	  • value: 652
	  • displayed: 652 - Botswana
	• sz
	  • value: 653
	  • displayed: 653 - Swaziland
	• km
	  • value: 654
	  • displayed: 654 - Comoros
	• za
	  • value: 655
	  • displayed: 655 - South Africa
	• er
	  • value: 657
	  • displayed: 657 - Eritrea
	• bz
	  • value: 702
	  • displayed: 702 - Belize
	• gt
	  • value: 704
	  • displayed: 704 - Guatemala
	• sv
	  • value: 706
	  • displayed: 706 - El Salvador
	• hn
	  • value: 708
	  • displayed: 708 - Honduras

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Name	Value

Type (continued)	• ni
	  • value: 710
	  • displayed: 710 - Nicaragua
	• cr
	  • value: 712
	  • displayed: 712 - Costa Rica
	• pa
	  • value: 714
	  • displayed: 714 - Panama
	• pe
	  • value: 716
	  • displayed: 716 - Peru
	• ar
	  • value: 722
	  • displayed: 722 - Argentine Republic
	• br
	  • value: 724
	  • displayed: 724 - Brazil
	• cl
	  • value: 730
	  • displayed: 730 - Chile
	• co
	  • value: 732
	  • displayed: 732 - Colombia
	• ve
	  • value: 734
	  • displayed: 734 - Venezuela
	• bo
	  • value: 736
	  • displayed: 736 - Bolivia
	• gy
	  • value: 738
	  • displayed: 738 - Guyana
	• ec
	  • value: 740
	  • displayed: 740 - Ecuador
	• gf
	  • value: 742
	  • displayed: 742 - French Guiana (France)
	• py
	  • value: 744
	  • displayed: 744 - Paraguay
	• sr
	  • value: 746
	  • displayed: 746 - Suriname
	• uy
	  • value: 748
	  • displayed: 748 - Uruguay
	• fk
	  • value: 750
	  • displayed: 750 - Falkland Islands (Malvinas)

Default	select

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Name	Value
Impact	noReset
Displayed(tab/group)	plmnMobileCountryCode

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Table 196-6 plmnMobileNetworkCode

Name	Value
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
Type	string
Default	00
minimum	2
maximum	3
Impact	noReset
Displayed(tab/group)	plmnMobileNetworkCode

Table 196-7 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.
Type	boolean
Impact	noReset
Displayed(tab/group)	psHandoverUtraEnabled

Table 196-8 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.
Type	boolean
Impact	noReset
Displayed(tab/group)	psHandoverUtraFddEnabled

Table 196-9 rdnId

Name	Value
Description	Id (rdn) attribute, identifying the RncAccess object instance.
Type	Integer
access	read-create
minimum	0
maximum	31
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 196-10 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
Type	Integer
minimum	0
maximum	4095
Impact	noReset
Displayed(tab/group)	rncId
Note: The value of this parameter can be unset.	

197 —RohcConf

Table 197-1 RohcConf parameters

Parameters	
id	rohcSoLimit
rohcFoRepeat	rohcStandaloneFeedbackTimeout
rohcIrLimit	rohcStateControlK1
rohcIrRepeat	rohcStateControlK2
rohcPreferredMode	rohcStateControlN1
rohcRtpTimestampBasedCompression	rohcStateControlN2
rohcSlidingWindowSize	

Table 197-2 id

Name	Value
Description	RohcConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 197-3 rohcFoRepeat

Name	Value
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.
Type	Integer
Default	5
minimum	1
maximum	50
Impact	noReset
Displayed(tab/group)	rohcFoRepeat

Table 197-4 rohcIrLimit

Name	Value
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.
Type	Integer
Default	100
minimum	0
maximum	5000
Impact	noReset
Displayed(tab/group)	rohcIrLimit

Table 197-5 rohcIrRepeat

Name	Value
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.
Type	Integer
Default	5
minimum	1
maximum	50
Impact	noReset
Displayed(tab/group)	rohcIrRepeat

Table 197-6 rohcPreferredMode

Name	Value
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.

Type	• O_mode
	  • value: 0
	  • displayed: O-mode
	• R_mode
	  • value: 1
	  • displayed: R-mode
	• U_mode
	  • value: 2
	  • displayed: U-mode

Default	O_mode
Impact	noReset
Displayed(tab/group)	rohcPreferredMode

Table 197-7 rohcRtpTimestampBasedCompression

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	rohcRtpTimestampBasedCompression

Table 197-8 rohcSlidingWindowSize

Name	Value
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.
Type	Integer
Default	256
minimum	4
maximum	2048
Impact	fullReset
Displayed(tab/group)	rohcSlidingWindowSize

Table 197-9 rohcSoLimit

Name	Value
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.
Type	Integer
Default	200
minimum	0
maximum	5000
Impact	noReset
Displayed(tab/group)	rohcSoLimit

Table 197-10 rohcStandaloneFeedbackTimeout

Name	Value
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.
Type	Integer
Default	5
minimum	0
maximum	500
Units	ms
Impact	noReset
Displayed(tab/group)	rohcStandaloneFeedbackTimeout

Table 197-11 rohcStateControlK1

Name	Value
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.
Type	Integer
Default	1
minimum	1
maximum	10
Impact	noReset
Displayed(tab/group)	rohcStateControlK1

Table 197-12 rohcStateControlK2

Name	Value
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.
Type	Integer
Default	1
minimum	1
maximum	10
Impact	noReset
Displayed(tab/group)	rohcStateControlK2

Table 197-13 rohcStateControlN1

Name	Value
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.
Type	Integer
Default	1
minimum	1
maximum	10
Impact	noReset
Displayed(tab/group)	rohcStateControlN1

Table 197-14 rohcStateControlN2

Name	Value
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.
Type	Integer
Default	1
minimum	1
maximum	10
Impact	noReset
Displayed(tab/group)	rohcStateControlN2

198 —RoutingInfoTable

Table 198-1 RoutingInfoTable parameters

Parameters	
id spareIpFormatDestSubnet	spareIpv4RoutingPrefix spareIpv6RoutingPrefix

Table 198-2 id

Name	Value
Description	RoutingInfoTable identifier
Type	Integer
access	read-create
minimum	0
maximum	11
Mandatory on create	Yes
Displayed(tab/group)	id

Table 198-3 spareIpFormatDestSubnet

Name	Value
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.

Type	• IPv4
	  • value: 0
	  • displayed: IPv4
	• IPv6
	  • value: 1
	  • displayed: IPv6

Default	IPv4
Impact	fullReset
Displayed(tab/group)	spareIpFormatDestSubnet
Note: The value of this parameter can be unset.	

Table 198-4 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)
Type	string
minimum	9
maximum	18
Impact	fullReset
Displayed(tab/group)	spareIpv4RoutingPrefix
Note: The value of this parameter can be unset.	

Table 198-5 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)
Type	string
minimum	9
maximum	43

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Name	Value
Impact	fullReset
Displayed(tab/group)	spareIpv6RoutingPrefix
Note: The value of this parameter can be unset.	

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199 —RrcMeasurementConf

Table 199-1 RrcMeasurementConf parameters

Parameters	
filterCoefficientOfQuantityConfigGERAN	measQuantityUtraFdd
filterCoefficientOfQuantityConfigUtra	measQuantityUtraTdd
filterCoefficientRSRP	measurementGapsPattern
filterCoefficientRSRQ	measurementIdentityConfIdList
id	sMeasure
maxMeasIdForMultipleMonitoring	sMeasureUntil_V2_x
maxNbCarriersForMultipleMonitoringUsingMeasGaps	timeToTriggerSfHigh
measQuantityCDMA2000	timeToTriggerSfMedium
measQuantityGERAN	transmissionGapRepetitionPeriod

Table 199-2 filterCoefficientOfQuantityConfigGERAN

Name	Value
Description	filterCoefficientOfQuantityConfigGERAN is used to configure the IE filterCorefficient of QuantityConfigGERAN

Type	• fc15
	  • value: 0
	  • displayed: FC 15
	• fc9
	  • value: 1
	  • displayed: FC 9
	• fc17
	  • value: 2
	  • displayed: FC 17

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Name	Value

Type (continued)	• fc7
	  • value: 3
	  • displayed: FC 7
	• fc19
	  • value: 4
	  • displayed: FC 19
	• fc8
	  • value: 5
	  • displayed: FC 8
	• fc5
	  • value: 6
	  • displayed: FC 5
	• fc6
	  • value: 7
	  • displayed: FC 6
	• fc3
	  • value: 8
	  • displayed: FC 3
	• fc4
	  • value: 9
	  • displayed: FC 4
	• fc1
	  • value: 10
	  • displayed: FC 1
	• fc2
	  • value: 11
	  • displayed: FC 2
	• fc0
	  • value: 12
	  • displayed: FC 0
	• fc13
	  • value: 13
	  • displayed: FC 13
	• fc11
	  • value: 14
	  • displayed: FC 11

Default	fc2
Impact	noReset
Displayed(tab/group)	filterCoefficientOfQuantityConfigGERAN (/Filters and Measurements)
Note: The value of this parameter can be unset.	

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Table 199-3 filterCoefficientOfQuantityConfigUtra

Name	Value
Description	filterCoefficientOfQuantityConfigUtra DEFAULT fc4 to configure the IE filterCoefficient of the QuantityConfigUTRA SEQUENCE <measQuantityUTRA-FDD, measQuantityUTRA-TDD, filterCoefficient>

Type	• fc15
	  • value: 0
	  • displayed: FC 15
	• fc9
	  • value: 1
	  • displayed: FC 9
	• fc17
	  • value: 2
	  • displayed: FC 17
	• fc7
	  • value: 3
	  • displayed: FC 7
	• fc19
	  • value: 4
	  • displayed: FC 19
	• fc8
	  • value: 5
	  • displayed: FC 8
	• fc5
	  • value: 6
	  • displayed: FC 5
	• fc6
	  • value: 7
	  • displayed: FC 6
	• fc3
	  • value: 8
	  • displayed: FC 3
	• fc4
	  • value: 9
	  • displayed: FC 4
	• fc1
	  • value: 10
	  • displayed: FC 1
	• fc2
	  • value: 11
	  • displayed: FC 2
	• fc0
	  • value: 12
	  • displayed: FC 0
	• fc13
	  • value: 13
	  • displayed: FC 13
	• fc11
	  • value: 14
	  • displayed: FC 11

Impact	noReset
Displayed(tab/group)	filterCoefficientOfQuantityConfigUtra (/Filters and Measurements)
Note: The value of this parameter can be unset.	

Table 199-4 filterCoefficientRSRP

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE filterCoefficientRSRP included in the IE quantityConfigEUTRA in the MeasurementConfiguration IE.

Type	• fc15
	  • value: 0
	  • displayed: FC 15
	• fc9
	  • value: 1
	  • displayed: FC 9
	• fc17
	  • value: 2
	  • displayed: FC 17
	• fc7
	  • value: 3
	  • displayed: FC 7
	• fc19
	  • value: 4
	  • displayed: FC 19
	• fc8
	  • value: 5
	  • displayed: FC 8
	• fc5
	  • value: 6
	  • displayed: FC 5
	• fc6
	  • value: 7
	  • displayed: FC 6
	• fc3
	  • value: 8
	  • displayed: FC 3
	• fc4
	  • value: 9
	  • displayed: FC 4
	• fc1
	  • value: 10
	  • displayed: FC 1
	• fc2
	  • value: 11
	  • displayed: FC 2
	• fc0
	  • value: 12
	  • displayed: FC 0
	• fc13
	  • value: 13
	  • displayed: FC 13
	• fc11
	  • value: 14
	  • displayed: FC 11

Impact	noReset
Displayed(tab/group)	filterCoefficientRSRP

Table 199-5 filterCoefficientRSRQ

Name	Value
Description	3GPP 36.331. This parameter configures the RRC IE filterCoefficientRSRQ included in the IE quantityConfigEUTRA in the MeasurementConfiguration IE.

Type	• fc15
	  • value: 0
	  • displayed: FC 15
	• fc9
	  • value: 1
	  • displayed: FC 9
	• fc17
	  • value: 2
	  • displayed: FC 17
	• fc7
	  • value: 3
	  • displayed: FC 7
	• fc19
	  • value: 4
	  • displayed: FC 19
	• fc8
	  • value: 5
	  • displayed: FC 8
	• fc5
	  • value: 6
	  • displayed: FC 5
	• fc6
	  • value: 7
	  • displayed: FC 6
	• fc3
	  • value: 8
	  • displayed: FC 3
	• fc4
	  • value: 9
	  • displayed: FC 4
	• fc1
	  • value: 10
	  • displayed: FC 1
	• fc2
	  • value: 11
	  • displayed: FC 2
	• fc0
	  • value: 12
	  • displayed: FC 0
	• fc13
	  • value: 13
	  • displayed: FC 13
	• fc11
	  • value: 14
	  • displayed: FC 11

Impact	noReset
Displayed(tab/group)	filterCoefficientRSRQ

Table 199-6 id

Name	Value
Description	RrcMeasurementConf identifier
Type	Integer
access	read-create
minimum	0
maximum	5
Mandatory on create	Yes
Displayed(tab/group)	id

Table 199-7 maxMeasIdForMultipleMonitoring

Name	Value
Description	This parameters configures the maximum number of measurements per UE. See TS36.133 and TS36.331
Type	Integer
minimum	0
maximum	32
Impact	noReset
Displayed(tab/group)	maxMeasIdForMultipleMonitoring (/Filters and Measurements)
Note: The value of this parameter can be unset.	

Table 199-8 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.
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	maxNbCarriersForMultipleMonitoringUsingMeasGaps (/Filters and Measurements)
Note: The value of this parameter can be unset.	

Table 199-9 measQuantityCDMA2000

Name	Value
Description	Configures the IE QuantityConfigCDMA2000 in IE QuantityConfig. Measurement quantity used for CDMA2000 measurements. pilotPnPhaseAndPilotStrength is only applicable for MeasObjectCDMA2000 of cdma2000-Type = type1XRTT.

Type	• pilotStrength
	  • value: 0
	  • displayed: Pilot Strength
	• pilotPnPhaseAndPilotStrength
	  • value: 1
	  • displayed: Pilot Pn Phase And Pilot Strength

Default	pilotStrength
Impact	noReset
Displayed(tab/group)	measQuantityCDMA2000 (/Filters and Measurements)
Note: The value of this parameter can be unset.	

Table 199-10 measQuantityGERAN

Name	Value
Description	Configures the IE QuantityConfigGERAN in IE QuantityConfig.

Type	• rssi
	  • value: 0
	  • displayed: RSSI

Impact	noReset
Displayed(tab/group)	measQuantityGERAN (/Filters and Measurements)
Note: The value of this parameter can be unset.	

Table 199-11 measQuantityUtraFdd

Name	Value
Description	measQuantityUtraFdd = ENUMERATED <cpichRSCP, cpichEcN0> to configure the IE measQuantityUTRA-FDD of the QuantityConfigUTRA SEQUENCE <measQuantityUTRA-FDD, measQuantityUTRA-TDD, filterCoefficient>

Type	• cpichRSCP
	  • value: 0
	  • displayed: Cpich RSCP
	• cpichEcN0
	  • value: 1
	  • displayed: Cpich EcN0

Impact	noReset
Displayed(tab/group)	measQuantityUtraFdd (/Filters and Measurements)
Note: The value of this parameter can be unset.	

Table 199-12 measQuantityUtraTdd

Name	Value
Description	measQuantityUtraTdd = ENUMERATED <pccpch-RSCP> to configure the IE measQuantityUTRA-TDD of the QuantityConfigUTRA SEQUENCE <measQuantityUTRA-FDD, measQuantityUTRA-TDD, filterCoefficient>

Type	• pccpch_RSCP
	  • value: 0
	  • displayed: Pccpch-RSCP

Impact	noReset
Displayed(tab/group)	measQuantityUtraTdd (/Filters and Measurements)
Note: The value of this parameter can be unset.	

Table 199-13 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

Type	• length6ms_period40ms
	  • value: 0
	  • displayed: Length 6 ms - period 40 ms
	• length6ms_period80ms
	  • value: 1
	  • displayed: Length 6 ms - period 80 ms

Impact	noReset
Displayed(tab/group)	measurementGapsPattern

Table 199-14 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.
Type	List (Pointer)
Impact	noReset

Table 199-15 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.
Type	Integer
minimum	-140
maximum	-43
Units	dBm
Impact	noReset
Displayed(tab/group)	sMeasure

Table 199-16 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.

Type	• minus70_to_minus69
	  • value: 0
	  • displayed: [-70,-69]
	• minus56_to_minus55
	  • value: 1
	  • displayed: [-56,-55]
	• minus47_to_minus46
	  • value: 2
	  • displayed: [-47,-46]
	• minus126_to_minus125
	  • value: 3
	  • displayed: [-126,-125]
	• minus51_to_minus50
	  • value: 4
	  • displayed: [-51,-50]
	• minus65_to_minus64
	  • value: 5
	  • displayed: [-65,-64]
	• minus49_to_minus48
	  • value: 6
	  • displayed: [-49,-48]
	• minus57_to_minus56
	  • value: 7
	  • displayed: [-57,-56]
	• minus119_to_minus118
	  • value: 8
	  • displayed: [-119,-118]

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Name	Value

Type (continued)	• minus106_to_minus105
	  • value: 9
	  • displayed: [-106,-105]
	• more_than_minus44
	  • value: 10
	  • displayed: more-than-minus44
	• minus132_to_minus131
	  • value: 11
	  • displayed: [-132,-131]
	• minus87_to_minus86
	  • value: 12
	  • displayed: [-87,-86]
	• minus81_to_minus80
	  • value: 13
	  • displayed: [-81,-80]
	• minus116_to_minus115
	  • value: 14
	  • displayed: [-116,-115]
	• minus120_to_minus119
	  • value: 15
	  • displayed: [-120,-119]
	• minus117_to_minus116
	  • value: 16
	  • displayed: [-117,-116]
	• minus95_to_minus94
	  • value: 17
	  • displayed: [-95,-94]
	• minus136_to_minus135
	  • value: 18
	  • displayed: [-136,-135]
	• minus100_to_minus99
	  • value: 19
	  • displayed: [-100,-99]
	• minus121_to_minus120
	  • value: 20
	  • displayed: [-121,-120]
	• minus96_to_minus95
	  • value: 21
	  • displayed: [-96,-95]
	• minus108_to_minus107
	  • value: 22
	  • displayed: [-108,-107]
	• minus109_to_minus108
	  • value: 23
	  • displayed: [-109,-108]
	• minus134_to_minus133
	  • value: 24
	  • displayed: [-134,-133]
	• minus79_to_minus78
	  • value: 25
	  • displayed: [-79,-78]
	• minus102_to_minus101
	  • value: 26
	  • displayed: [-102,-101]

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Name	Value

Type (continued)	• minus75_to_minus74
	  • value: 27
	  • displayed: [-75,-74]
	• minus83_to_minus82
	  • value: 28
	  • displayed: [-83,-82]
	• minus140_to_minus139
	  • value: 29
	  • displayed: [-140,-139]
	• minus92_to_minus91
	  • value: 30
	  • displayed: [-92,-91]
	• minus101_to_minus100
	  • value: 31
	  • displayed: [-101,-100]
	• minus125_to_minus124
	  • value: 32
	  • displayed: [-125,-124]
	• minus45_to_minus44
	  • value: 33
	  • displayed: [-45,-44]
	• minus55_to_minus54
	  • value: 34
	  • displayed: [-55,-54]
	• minus78_to_minus77
	  • value: 35
	  • displayed: [-78,-77]
	• minus72_to_minus71
	  • value: 36
	  • displayed: [-72,-71]
	• minus90_to_minus89
	  • value: 37
	  • displayed: [-90,-89]
	• minus85_to_minus84
	  • value: 38
	  • displayed: [-85,-84]
	• minus67_to_minus66
	  • value: 39
	  • displayed: [-67,-66]
	• less_than_minus140
	  • value: 40
	  • displayed: less-than-minus140
	• minus110_to_minus109
	  • value: 41
	  • displayed: [-110,-109]
	• minus129_to_minus128
	  • value: 42
	  • displayed: [-129,-128]
	• minus52_to_minus51
	  • value: 43
	  • displayed: [-52,-51]
	• minus135_to_minus134
	  • value: 44
	  • displayed: [-135,-134]

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Name	Value

Type (continued)	• minus69_to_minus68
	  • value: 45
	  • displayed: [-69,-68]
	• minus74_to_minus73
	  • value: 46
	  • displayed: [-74,-73]
	• minus61_to_minus60
	  • value: 47
	  • displayed: [-61,-60]
	• minus113_to_minus112
	  • value: 48
	  • displayed: [-113,-112]
	• minus86_to_minus85
	  • value: 49
	  • displayed: [-86,-85]
	• minus103_to_minus102
	  • value: 50
	  • displayed: [-103,-102]
	• minus124_to_minus123
	  • value: 51
	  • displayed: [-124,-123]
	• minus128_to_minus127
	  • value: 52
	  • displayed: [-128,-127]
	• minus63_to_minus62
	  • value: 53
	  • displayed: [-63,-62]
	• minus115_to_minus114
	  • value: 54
	  • displayed: [-115,-114]
	• minus138_to_minus137
	  • value: 55
	  • displayed: [-138,-137]
	• minus66_to_minus65
	  • value: 56
	  • displayed: [-66,-65]
	• minus94_to_minus93
	  • value: 57
	  • displayed: [-94,-93]
	• minus71_to_minus70
	  • value: 58
	  • displayed: [-71,-70]
	• minus111_to_minus110
	  • value: 59
	  • displayed: [-111,-110]
	• minus93_to_minus92
	  • value: 60
	  • displayed: [-93,-92]
	• minus91_to_minus90
	  • value: 61
	  • displayed: [-91,-90]
	• minus73_to_minus72
	  • value: 62
	  • displayed: [-73,-72]

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Name	Value

Type (continued)	• minus46_to_minus45
	  • value: 63
	  • displayed: [-46,-45]
	• minus64_to_minus63
	  • value: 64
	  • displayed: [-64,-63]
	• minus54_to_minus53
	  • value: 65
	  • displayed: [-54,-53]
	• minus104_to_minus103
	  • value: 66
	  • displayed: [-104,-103]
	• minus88_to_minus87
	  • value: 67
	  • displayed: [-88,-87]
	• minus122_to_minus121
	  • value: 68
	  • displayed: [-122,-121]
	• minus112_to_minus111
	  • value: 69
	  • displayed: [-112,-111]
	• minus123_to_minus122
	  • value: 70
	  • displayed: [-123,-122]
	• minus76_to_minus75
	  • value: 71
	  • displayed: [-76,-75]
	• minus53_to_minus52
	  • value: 72
	  • displayed: [-53,-52]
	• minus114_to_minus113
	  • value: 73
	  • displayed: [-114,-113]
	• minus130_to_minus129
	  • value: 74
	  • displayed: [-130,-129]
	• minus131_to_minus130
	  • value: 75
	  • displayed: [-131,-130]
	• minus59_to_minus58
	  • value: 76
	  • displayed: [-59,-58]
	• minus99_to_minus98
	  • value: 77
	  • displayed: [-99,-98]
	• minus105_to_minus104
	  • value: 78
	  • displayed: [-105,-104]
	• minus118_to_minus117
	  • value: 79
	  • displayed: [-118,-117]
	• minus60_to_minus59
	  • value: 80
	  • displayed: [-60,-59]

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Name	Value

Type (continued)	• minus107_to_minus106
	  • value: 81
	  • displayed: [-107,-106]
	• minus68_to_minus67
	  • value: 82
	  • displayed: [-68,-67]
	• minus48_to_minus47
	  • value: 83
	  • displayed: [-48,-47]
	• minus77_to_minus76
	  • value: 84
	  • displayed: [-77,-76]
	• minus97_to_minus96
	  • value: 85
	  • displayed: [-97,-96]
	• minus137_to_minus136
	  • value: 86
	  • displayed: [-137,-136]
	• minus50_to_minus49
	  • value: 87
	  • displayed: [-50,-49]
	• minus133_to_minus132
	  • value: 88
	  • displayed: [-133,-132]
	• minus127_to_minus126
	  • value: 89
	  • displayed: [-127,-126]
	• minus84_to_minus83
	  • value: 90
	  • displayed: [-84,-83]
	• minus89_to_minus88
	  • value: 91
	  • displayed: [-89,-88]
	• minus58_to_minus57
	  • value: 92
	  • displayed: [-58,-57]
	• minus98_to_minus97
	  • value: 93
	  • displayed: [-98,-97]
	• minus80_to_minus79
	  • value: 94
	  • displayed: [-80,-79]
	• minus139_to_minus138
	  • value: 95
	  • displayed: [-139,-138]
	• minus62_to_minus61
	  • value: 96
	  • displayed: [-62,-61]
	• minus82_to_minus81
	  • value: 97
	  • displayed: [-82,-81]

Units	dBm

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Name	Value
Impact	noReset
Displayed(tab/group)	sMeasure

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Table 199-17 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	timeToTriggerSfHigh (/Filters and Measurements)
Note: The value of this parameter can be unset.	

Table 199-18 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75

(1 of 2)

Name	Value

Type (continued)	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	timeToTriggerSfMedium (/Filters and Measurements)
Note: The value of this parameter can be unset.	

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Table 199-19 transmissionGapRepetitionPeriod

Name	Value
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.

Type	• 80ms
	  • value: 0
	  • displayed: 80 ms
	• 40ms
	  • value: 1
	  • displayed: 40 ms

Default	40ms
Impact	noReset
Displayed(tab/group)	transmissionGapRepetitionPeriod (/Filters and Measurements)
Note: The value of this parameter can be unset.	

200 —RrmServices

Table 200-1 id

Name	Value
Description	RrmServices identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

201 —S1AccessGroup

Table 201-1 id

Name	Value
Description	S1AccessGroup identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

202 —S1HoTimersConf

Table 202-1 S1HoTimersConf parameters

Parameters	
endFwdData endS1HoDataFwdTarget id	startNewPathData tS1RelocOverallForS1Handover tS1RelocPrepForS1Handover

Table 202-2 endFwdData

Name	Value
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.
Type	Integer
Default	150
minimum	1
maximum	5000
Units	ms
Impact	noReset
Displayed(tab/group)	endFwdData

Table 202-3 endS1HoDataFwdTarget

Name	Value
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.
Type	Integer
Default	150
minimum	1
maximum	5000
Units	ms
Impact	noReset
Displayed(tab/group)	endS1HoDataFwdTarget

Table 202-4 id

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

Table 202-5 startNewPathData

Name	Value
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.
Type	Integer

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Name	Value
Default	30
minimum	0
maximum	5000
Units	ms
Impact	noReset
Displayed(tab/group)	startNewPathData

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Table 202-6 tS1RelocOverallForS1Handover

Name	Value
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)
Type	Integer
Default	4000
minimum	1
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	tS1RelocOverallForS1Handover

Table 202-7 tS1RelocPrepForS1Handover

Name	Value
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)
Type	Integer
Default	4000
minimum	1
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	tS1RelocPrepForS1Handover

203 —S1Services

Table 203-1 id

Name	Value
Description	S1Services identifier
Type	Integer
access	read-create
minimum	0
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

204 —S1Timers

Table 204-1 id

Name	Value
Description	S1Timers identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

205 —Sector

Table 205-1 sectorNumber

Name	Value
Description	Logical number of the sector
Type	Long integer
access	read-create
Default	0
Displayed(tab/group)	Sector Number

206 —SecurityConf

Table 206-1 SecurityConf parameters

Parameters	
allowedCipheringAlgorithmList allowedIntegrityProtectionAlgorithmList	id

Table 206-2 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.

Type	• eea0
	  • value: 0
	  • displayed: EPS Encryption Algorithm 0
	• 128_eea1
	  • value: 1
	  • displayed: 128 - EPS Encryption Algorithm 1
	• 128_eea2
	  • value: 2
	  • displayed: 128 - EPS Encryption Algorithm 2

Impact	noReset

Table 206-3 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.

Type	• 128_eia1
	  • value: 0
	  • displayed: 128 - EPS Integrity Algorithm 1
	• 128_eia2
	  • value: 1
	  • displayed: 128 - EPS Integrity Algorithm 2

Impact	noReset

Table 206-4 id

Name	Value
Description	SecurityConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

207 —SelfOrganizingNetwork

Table 207-1 id

Name	Value
Description	SelfOrganizingNetwork identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

208 —ServiceContainer

Table 208-1 ServiceContainer parameters

Parameters	
chassisNumber containerName	siteIdAddressType slotNumber

Table 208-2 chassisNumber

Name	Value
Description	The chassis number of the service container.
Type	Integer
access	read-create
Default	0

Table 208-3 containerName

Name	Value
Description	The name of the service container.
Type	string
access	read-create
Default	0

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Name	Value
maximum	32
Displayed(tab/group)	Name

(2 of 2)

Table 208-4 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

Table 208-5 slotNumber

Name	Value
Description	The slot number of the service container.
Type	Integer
access	read-create
Default	0

209 —ServiceTypePriorityConf

Table 209-1 ServiceTypePriorityConf parameters

Parameters	
eMctaPriority id	serviceType

Table 209-2 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".

Type	• service_not_allowed_in_RAT_carrier
	  • value: 0
	  • displayed: Service Not Allowed In RAT Carrier
	• 0_lowest
	  • value: 1
	  • displayed: 0-lowest
	• 1
	  • value: 2
	  • displayed: 1
	• 2
	  • value: 3
	  • displayed: 2

(1 of 2)

Name	Value

Type (continued)	• 3
	  • value: 4
	  • displayed: 3
	• 4
	  • value: 5
	  • displayed: 4
	• 5
	  • value: 6
	  • displayed: 5
	• 6
	  • value: 7
	  • displayed: 6
	• 7
	  • value: 8
	  • displayed: 7

Impact	noReset
Displayed(tab/group)	eMctaPriority

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Table 209-3 id

Name	Value
Description	ServiceTypePriorityConf identifier
Type	Integer
access	read-create
minimum	0
maximum	2
Mandatory on create	Yes
Displayed(tab/group)	id

Table 209-4 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.

Type	• voIp
	  • value: 0
	  • displayed: VoIP
	• csFallback
	  • value: 1
	  • displayed: CS Fallback

(1 of 2)

Name	Value

Type (continued)	• emergencyCallCsFallback
	  • value: 2
	  • displayed: Emergency Call CS Fallback

Impact	noReset
Displayed(tab/group)	serviceType

(2 of 2)

210 —ServingGatewayFunction

Table 210-1 ServingGatewayFunction parameters

Parameters	
description id	sgwFunction siteIdAddressType

Table 210-2 description

Name	Value
Description	Complementary information on the the SGW Interface object.
Type	string
minimum	0
maximum	80
Displayed(tab/group)	Description

Table 210-3 id

Name	Value
Description	Global ID for the ServingGatewayFunction (applies to both SGW Interface and SGW Application).
Type	Long integer
access	read-create

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Name	Value
Default	0
minimum	1
maximum	2147483647
Displayed(tab/group)	ID

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Table 210-4 sgwFunction

Name	Value
Description	Type of this Function object. It can either be SGW Interface or SGW Application.

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	• sif
	  • value: 1
	  • displayed: SGW Interface
	• saf
	  • value: 2
	  • displayed: SGW Application
	• pif
	  • value: 3
	  • displayed: PGW Interface
	• paf
	  • value: 4
	  • displayed: PGW Application
	• pcrf
	  • value: 5
	  • displayed: DSC Policy and Charging Rules
	• dpa
	  • value: 6
	  • displayed: DSC Diameter Proxy Agent

access	read-create
Default	unknown
Displayed(tab/group)	SGW Function

Table 210-5 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4

(1 of 2)

Name	Value

Type (continued)	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

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211 —SgwAccessGroup

Table 211-1 id

Name	Value
Description	SgwAccessGroup identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

212 —SgwChargingProfile

Table 212-1 SgwChargingProfile parameters

Parameters	
citQosChange citUserLocationChange	prctMaxNumberOfChanges

Table 212-2 citQosChange

Name	Value

Type	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled

Default	disabled
Displayed(tab/group)	QoS Change (/Charging Info Triggers)

Table 212-3 citUserLocationChange

Name	Value

Type	• enabled
	  • value: 1
	  • displayed: Enabled
	• disabled
	  • value: 2
	  • displayed: Disabled

Default	disabled
Displayed(tab/group)	User Location Change (/Charging Info Triggers)

Table 212-4 prctMaxNumberOfChanges

Name	Value
Description	Specifies the maximum number of change conditions that can occur like tariff change, location change before a partial record is created.
Type	Integer
Default	4
Displayed(tab/group)	Maximum Number of Changes (/Partial Record-Closure-Triggers)

213 —SgwGtpConf

Table 213-1 SgwGtpConf parameters

Parameters	
id n3Request	s1EchoRequestInterval t3Response

Table 213-2 id

Name	Value
Description	SgwGtpConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 213-3 n3Request

Name	Value
Description	Maximum number of attempts to send Echo Request message
Type	Integer

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Name	Value
Default	5
minimum	1
maximum	10
Impact	fullReset
Displayed(tab/group)	n3Request

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Table 213-4 s1EchoRequestInterval

Name	Value
Description	The sending interval for Echo Request messages by eNB on S1-U GTP path in use. A value of 0 disables the eNB S1-U echo request. Note that under normal circumstances this interval shall be longer than 60 seconds. Smaller values are only used for debugging and experimental purposes.
Type	Integer
Default	120
minimum	0
maximum	600
Units	s
Impact	fullReset
Displayed(tab/group)	s1EchoRequestInterval

Table 213-5 t3Response

Name	Value
Description	Timer - maximum waiting time for the eAG response to the Echo Request message sent by eNB
Type	Integer
Default	3
minimum	1
maximum	5
Units	s
Impact	fullReset
Displayed(tab/group)	t3Response

214 —SgwQosConf

Table 214-1 id

Name	Value
Description	SgwQosConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

215 —SgwQosMapping

Table 215-1 SgwQosMapping parameters

Parameters	
dscp id serviceProfile	serviceProfileUntil_V2_x vLanPriority

Table 215-2 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.

Type	• AF13
	  • value: 0
	  • displayed: AF 13
	• AF22
	  • value: 1
	  • displayed: AF 22
	• AF31
	  • value: 2
	  • displayed: AF 31
	• AF12
	  • value: 3
	  • displayed: AF 12
	• AF21
	  • value: 4
	  • displayed: AF 21

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Name	Value

Type (continued)	• AF11
	  • value: 5
	  • displayed: AF 11
	• AF42
	  • value: 6
	  • displayed: AF 42
	• AF23
	  • value: 7
	  • displayed: AF 23
	• AF41
	  • value: 8
	  • displayed: AF 41
	• AF43
	  • value: 9
	  • displayed: AF 43
	• AF33
	  • value: 10
	  • displayed: AF 33
	• BE
	  • value: 11
	  • displayed: BE
	• AF32
	  • value: 12
	  • displayed: AF 32
	• EF
	  • value: 13
	  • displayed: EF

Impact	fullReset
Displayed(tab/group)	dscp
Note: The value of this parameter can be unset.	

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Table 215-3 id

Name	Value
Description	SgwQosMapping identifier
Type	Integer
access	read-create
minimum	0
maximum	254
Mandatory on create	Yes
Displayed(tab/group)	id

Table 215-4 serviceProfile

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.
Type	Integer
Default	1
minimum	1
maximum	255
Impact	fullReset
Displayed(tab/group)	serviceProfile

Table 215-5 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.

Type	• OAM
	  • value: 0
	  • displayed: OAM
	• 6_non_GBR
	  • value: 1
	  • displayed: 6-non-GBR
	• 8_non_GBR
	  • value: 2
	  • displayed: 8-non-GBR
	• 5_non_GBR
	  • value: 3
	  • displayed: 5-non-GBR
	• 3_GBR
	  • value: 4
	  • displayed: 3-GBR
	• 7_non_GBR
	  • value: 5
	  • displayed: 7-non-GBR
	• 2_GBR
	  • value: 6
	  • displayed: 2-GBR
	• 1_GBR
	  • value: 7
	  • displayed: 1-GBR
	• 4_GBR
	  • value: 8
	  • displayed: 4-GBR
	• SCTP
	  • value: 9
	  • displayed: SCTP

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Name	Value

Type (continued)	• 9_non_GBR
	  • value: 10
	  • displayed: 9-non-GBR

Impact	fullReset
Displayed(tab/group)	serviceProfile

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Table 215-6 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.
Type	Integer
minimum	0
maximum	7
Impact	fullReset
Displayed(tab/group)	vLanPriority
Note: The value of this parameter can be unset.	

216 —Sib8HrpdInfo

Table 216-1 Sib8HrpdInfo parameters

Parameters	
hrpdInfoConfigured id	tReselectionCdmaHrpd

Table 216-2 hrpdInfoConfigured

Name	Value
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.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	hrpdInfoConfigured

Table 216-3 id

Name	Value
Description	Sib8HrpdInfo identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 216-4 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.
Type	Integer
minimum	0
maximum	7
Units	s
Impact	noReset
Displayed(tab/group)	tReselectionCdmaHrpd

217 —SignalingRadioBearerConf

Table 217-1 SignalingRadioBearerConf parameters

Parameters	
id	macBOoverheadUl
logicalChannelbucketSizeDurationUL	macBOperiodicIncreaseEnabledUl
logicalChannelGroupUL	macBOPeriodicIncreasePeriodUl
logicalChannelPrioritizedBitRateUL	macBOWeightUl
logicalChannelPriorityDL	macHARQMaxNumberOfTransmissionDl
logicalChannelPriorityUL	macHARQMaxTimerDl
macBOIncreaseUponResourceRequestUL	macInitialMCSIndexForBearerSetupDl
macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUl	macMIMOModeDl
macBOInitialValueUponHandoverUl	macOuterLoopBlerControlTargetBlerDl
macBOInitialValueUponULdataArrivalUL	macSINROffsetForLinkAdaptationDl
macBOMaxValueUl	signallingRadioBearerConfName
mACBOminimumPeriodicIncreaseValue	sRBIdentity

Table 217-2 id

Name	Value
Description	SignalingRadioBearerConf identifier
Type	Integer
access	read-create
minimum	0
maximum	1

(1 of 2)

Name	Value
Mandatory on create	Yes
Displayed(tab/group)	id

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Table 217-3 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.

Type	• BufferOccupancy0
	  • value: 0
	  • displayed: Buffer Occupancy 0
	• BufferOccupancy1
	  • value: 1
	  • displayed: Buffer Occupancy 1
	• BufferOccupancy2
	  • value: 2
	  • displayed: Buffer Occupancy 2
	• BufferOccupancy3
	  • value: 3
	  • displayed: Buffer Occupancy 3
	• noBufferOccupancy
	  • value: 4
	  • displayed: No Buffer Occupancy

Impact	partialReset
Displayed(tab/group)	logicalChannelGroupUL

Table 217-4 logicalChannelPrioritizedBitRateUL

Name	Value
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

Type	• kBps16
	  • value: 0
	  • displayed: 16 kB/s
	• kBps32
	  • value: 1
	  • displayed: 32 kB/s
	• kBps8
	  • value: 2
	  • displayed: 8 kB/s

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Name	Value

Type (continued)	• kBps64
	  • value: 3
	  • displayed: 64 kB/s
	• kBps128
	  • value: 4
	  • displayed: 128 kB/s
	• infinity
	  • value: 5
	  • displayed: Infinity
	• kBps256
	  • value: 6
	  • displayed: 256 kB/s
	• kBps0
	  • value: 7
	  • displayed: 0 kB/s

Default	kBps8
Units	Kbytes/s
Impact	noReset
Displayed(tab/group)	logicalChannelPrioritizedBitRateUL

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Table 217-5 logicalChannelPriorityDL

Name	Value
Description	This parameter specifies the priority used for scheduling when the delay for packet transmission reaches the PacketDelayBudget.
Type	Integer
Default	1
minimum	1
maximum	255
Impact	partialReset
Displayed(tab/group)	logicalChannelPriorityDL

Table 217-6 logicalChannelPriorityUL

Name	Value
Description	This parameter describes the priority of a logical channel as per 36.321. One value is signaled to the UE per logical channel
Type	Integer
Default	1
minimum	1
maximum	255

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	logicalChannelPriorityUL

(2 of 2)

Table 217-7 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

Type	• ms1000
	  • value: 0
	  • displayed: 1000 ms
	• ms300
	  • value: 1
	  • displayed: 300 ms
	• ms100
	  • value: 2
	  • displayed: 100 ms
	• ms50
	  • value: 3
	  • displayed: 50 ms
	• ms500
	  • value: 4
	  • displayed: 500 ms
	• ms150
	  • value: 5
	  • displayed: 150 ms

Units	ms
Impact	noReset
Displayed(tab/group)	logicalChannelbucketSizeDurationUL

Table 217-8 mACBOminimumPeriodicIncreaseValue

Name	Value
Description	This parameter defines the minimum UL BO periodic increase value. It is used, typically, when GBR=0 for the bearer.
Type	Integer
Default	5
minimum	0
maximum	512
Units	bytes

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	mACBOminimumPeriodicIncreaseValue

(2 of 2)

Table 217-9 macBOIncreaseUponResourceRequestUL

Name	Value
Description	This parameter specifies the systematic BE increase upon receipt of a Scheduling Request.
Type	Integer
Default	500
minimum	0
maximum	20000
Impact	partialReset
Displayed(tab/group)	macBOIncreaseUponResourceRequestUL

Table 217-10 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.
Type	Integer
minimum	0
maximum	20000
Impact	partialReset
Displayed(tab/group)	macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUl

Table 217-11 macBOInitialValueUponHandoverUl

Name	Value
Description	This parameter specifies the initial value of the BO estimate for a newly created UE context in a handover scenario.
Type	Integer
Default	1000
minimum	0
maximum	200000

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	macBOInitialValueUponHandoverUl

(2 of 2)

Table 217-12 macBOInitialValueUponULdataArrivalUL

Name	Value
Description	This parameter specifies the initial value of the BO estimate for a newly created UE context in the case of UL data arrival.
Type	Integer
Default	0
minimum	0
maximum	200000
Impact	partialReset
Displayed(tab/group)	macBOInitialValueUponULdataArrivalUL

Table 217-13 macBOMaxValueUl

Name	Value
Description	This parameter specifies the maximum BO estimate value that can be made on a particular UL logical channel.
Type	Integer
Default	50000
minimum	0
maximum	200000
Impact	partialReset
Displayed(tab/group)	macBOMaxValueUl

Table 217-14 macBOPeriodicIncreasePeriodUl

Name	Value
Description	This parameter specifies, in ms, the period of periodic Buffer Estimate increase when configured.
Type	Integer
Default	5
minimum	1
maximum	250

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	macBOPeriodicIncreasePeriodUl

(2 of 2)

Table 217-15 macBOWeightUl

Name	Value
Description	This parameter specifies the weight used for the computation of the UE UL QoS weight of the Buffer Occupancy component.
Type	Integer
Default	100
minimum	0
maximum	255
Impact	partialReset
Displayed(tab/group)	macBOWeightUl

Table 217-16 macBOoverheadUl

Name	Value
Description	This parameter specifies the estimated average UL MAC overhead per MAC PDU.
Type	Integer
Default	3
minimum	0
maximum	10
Impact	partialReset
Displayed(tab/group)	macBOoverheadUl

Table 217-17 macBOperiodicIncreaseEnabledUl

Name	Value
Description	This parameter enables or disables periodic UL BO increase.

Type	• enabled
	  • value: 0
	  • displayed: Enabled
	• disabled
	  • value: 1
	  • displayed: Disabled

Default	disabled

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	macBOperiodicIncreaseEnabledUl

(2 of 2)

Table 217-18 macHARQMaxNumberOfTransmissionDl

Name	Value
Description	This parameter specifies the maximum number of HARQ transmissions attempts for DCCH.
Type	Integer
Default	8
minimum	1
maximum	8
Impact	partialReset
Displayed(tab/group)	macHARQMaxNumberOfTransmissionDl

Table 217-19 macHARQMaxTimerDl

Name	Value
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.
Type	Integer
Default	94
minimum	1
maximum	500
Units	ms
Impact	partialReset
Displayed(tab/group)	macHARQMaxTimerDl

Table 217-20 macInitialMCSIndexForBearerSetupDl

Name	Value
Description	This parameter specifies the initial Modulation and Coding Scheme to be used at call setup.
Type	Integer
Default	4

(1 of 2)

Name	Value
minimum	0
maximum	28
Impact	partialReset
Displayed(tab/group)	macInitialMCSIndexForBearerSetupDl

(2 of 2)

Table 217-21 macMIMOModeDl

Name	Value
Description	This parameter specifies the MIMO mode allowed for PDSCH.

Type	• clMimoOnly
	  • value: 0
	  • displayed: Cl MIMO Only
	• txDivOrClMimo
	  • value: 1
	  • displayed: Tx Div Or Cl MIMO
	• closeLoopOnly
	  • value: 2
	  • displayed: Close Loop Only
	• mimoNotAllowed
	  • value: 3
	  • displayed: MIMO Not Allowed
	• mimoAllowed
	  • value: 4
	  • displayed: MIMO Allowed
	• txDivOrOlMimo
	  • value: 5
	  • displayed: Tx Div Or Ol MIMO
	• closeLoopAllowed
	  • value: 6
	  • displayed: Close Loop Allowed
	• txDivOnly
	  • value: 7
	  • displayed: Tx Div Only
	• mimoTwoLayersNotAllowed
	  • value: 8
	  • displayed: MIMO Two Layers Not Allowed
	• mimoTwoLayersAllowed
	  • value: 9
	  • displayed: MIMO Two Layers Allowed

Default	mimoTwoLayersNotAllowed
Impact	partialReset
Displayed(tab/group)	macMIMOModeDl

Table 217-22 macOuterLoopBlerControlTargetBlerDl

Name	Value
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.
Type	Integer
Default	10
minimum	0
maximum	50
Units	%
Impact	partialReset
Displayed(tab/group)	macOuterLoopBlerControlTargetBlerDl

Table 217-23 macSINROffsetForLinkAdaptationDl

Name	Value
Description	This parameter specifies the SINR offset that applies in the Link Adaptation in the bearer configuration.
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	-20
maximum	20
Units	dB
Impact	partialReset
Displayed(tab/group)	macSINROffsetForLinkAdaptationDl

Table 217-24 sRBIdentity

Name	Value
Description	This parameter identifies the value of the SRB identity
Type	Integer
minimum	1
maximum	2
Impact	partialReset
Displayed(tab/group)	sRBIdentity

Table 217-25 signallingRadioBearerConfName

Name	Value
Description	This parameter is used to allow the customer to define a friendly name to identify the MO instance of SignallingRadioBearerConf
Type	string
minimum	0
maximum	64
Impact	noReset
Displayed(tab/group)	signallingRadioBearerConfName
Note: The value of this parameter can be unset.	

218 —Signalling

Table 218-1 Signalling parameters

Parameters	
defaultIfIndex defaultIfVRtrId diameterOriginHost	diameterOriginRealm epcId siteIdAddressType

Table 218-2 defaultIfIndex

Name	Value
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.
Type	Long integer
access	read-create
Default	0
minimum	0
maximum	4294967295

Table 218-3 defaultIfVRtrId

Name	Value
Description	Specifies the virtual router to which the default signaling interface specified by defaultIfIndex belongs.
Type	Integer
access	read-create
Default	1
minimum	1
maximum	10240

Table 218-4 diameterOriginHost

Name	Value
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.
Type	string
minimum	0
maximum	80
Displayed(tab/group)	Origin Host (/Diameter)

Table 218-5 diameterOriginRealm

Name	Value
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.
Type	string
minimum	0
maximum	80
Displayed(tab/group)	Origin Realm (/Diameter)

Table 218-6 epcId

Name	Value
Description	The EPC Gateway instance
Type	Long integer
access	read-create

(1 of 2)

Name	Value
Default	1
minimum	1
maximum	1
Displayed(tab/group)	EPC ID

(2 of 2)

Table 218-7 siteIdAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Mandatory on create	Yes

219 —SimoResources

Table 219-1 id

Name	Value
Description	SimoResources identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

220 —SoftwareControl

Table 220-1 SoftwareControl parameters

Parameters	
id notRunningSwVersion	runningSwVersion targetSwVersion

Table 220-2 id

Name	Value
Description	BTSEquipmentSoftware identifier.
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 220-3 notRunningSwVersion

Name	Value
Description	The name of the not-running softwares descriptor file. Printable ASCII characters only.
Type	string
Displayed(tab/group)	notRunningSwVersion

Table 220-4 runningSwVersion

Name	Value
Description	The name of the running softwares descriptor file. Printable ASCII characters only.
Type	string
Displayed(tab/group)	runningSwVersion

Table 220-5 targetSwVersion

Name	Value
Description	Software version to be used for automatic upgrade
Type	string
Displayed(tab/group)	targetSwVersion
Note: The value of this parameter can be unset.	

221 —SpeedDependentBroadcastConf

Table 221-1 id

Name	Value
Description	SpeedDependentBroadcastConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

222 —SpeedDependentConf

Table 222-1 id

Name	Value
Description	SpeedDependentConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

223 —SpeedStateEvalBroadcastConf

Table 223-1 SpeedStateEvalBroadcastConf parameters

Parameters	
id	qHystSfMedium
nCellChangeHigh	tEvaluation
nCellChangeMedium	tHystNormal
qHystSfHigh	

Table 223-2 id

Name	Value
Description	SpeedStateEvalBroadcastConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 223-3 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.
Type	Integer
minimum	1
maximum	16
Units	number of cells changes
Impact	noReset
Displayed(tab/group)	nCellChangeHigh

Table 223-4 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.
Type	Integer
minimum	1
maximum	16
Units	number of cells changes
Impact	noReset
Displayed(tab/group)	nCellChangeMedium

Table 223-5 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.

Type	• unspecified
	  • value: -1
	  • displayed: Unspecified
	  • not selectable
	• dB_2
	  • value: 0
	  • displayed: -2 dB

(1 of 2)

Name	Value

Type (continued)	• dB0
	  • value: 1
	  • displayed: 0 dB
	• dB_6
	  • value: 2
	  • displayed: -6 dB
	• dB_4
	  • value: 3
	  • displayed: -4 dB

Units	dB
Impact	noReset
Displayed(tab/group)	qHystSfHigh

(2 of 2)

Table 223-6 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.

Type	• unspecified
	  • value: -1
	  • displayed: Unspecified
	  • not selectable
	• dB_2
	  • value: 0
	  • displayed: -2 dB
	• dB0
	  • value: 1
	  • displayed: 0 dB
	• dB_6
	  • value: 2
	  • displayed: -6 dB
	• dB_4
	  • value: 3
	  • displayed: -4 dB

Units	dB
Impact	noReset
Displayed(tab/group)	qHystSfMedium

Table 223-7 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.

Type	• s180
	  • value: 0
	  • displayed: 180 s
	• s240
	  • value: 1
	  • displayed: 240 s
	• s30
	  • value: 2
	  • displayed: 30 s
	• s120
	  • value: 3
	  • displayed: 120 s
	• s60
	  • value: 4
	  • displayed: 60 s

Units	s
Impact	noReset
Displayed(tab/group)	tEvaluation

Table 223-8 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.

Type	• s180
	  • value: 0
	  • displayed: 180 s
	• s240
	  • value: 1
	  • displayed: 240 s
	• s30
	  • value: 2
	  • displayed: 30 s
	• s120
	  • value: 3
	  • displayed: 120 s
	• s60
	  • value: 4
	  • displayed: 60 s

Units	s

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	tHystNormal

(2 of 2)

224 —SpeedStateEvalConf

Table 224-1 SpeedStateEvalConf parameters

Parameters	
id	qHystSfMedium
nCellChangeHigh	tEvaluation
nCellChangeMedium	tHystNormal
qHystSfHigh	

Table 224-2 id

Name	Value
Description	SpeedStateEvalConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 224-3 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.
Type	Integer
minimum	1
maximum	16
Units	number of cells changes
Impact	noReset
Displayed(tab/group)	nCellChangeHigh

Table 224-4 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.
Type	Integer
minimum	1
maximum	16
Units	number of cells changes
Impact	noReset
Displayed(tab/group)	nCellChangeMedium

Table 224-5 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.

Type	• unspecified
	  • value: -1
	  • displayed: Unspecified
	  • not selectable
	• dB_2
	  • value: 0
	  • displayed: -2 dB

(1 of 2)

Name	Value

Type (continued)	• dB0
	  • value: 1
	  • displayed: 0 dB
	• dB_6
	  • value: 2
	  • displayed: -6 dB
	• dB_4
	  • value: 3
	  • displayed: -4 dB

Units	dB
Impact	noReset
Displayed(tab/group)	qHystSfHigh

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Table 224-6 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.

Type	• unspecified
	  • value: -1
	  • displayed: Unspecified
	  • not selectable
	• dB_2
	  • value: 0
	  • displayed: -2 dB
	• dB0
	  • value: 1
	  • displayed: 0 dB
	• dB_6
	  • value: 2
	  • displayed: -6 dB
	• dB_4
	  • value: 3
	  • displayed: -4 dB

Units	dB
Impact	noReset
Displayed(tab/group)	qHystSfMedium

Table 224-7 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.

Type	• s180
	  • value: 0
	  • displayed: 180 s
	• s240
	  • value: 1
	  • displayed: 240 s
	• s30
	  • value: 2
	  • displayed: 30 s
	• s120
	  • value: 3
	  • displayed: 120 s
	• s60
	  • value: 4
	  • displayed: 60 s

Units	s
Impact	noReset
Displayed(tab/group)	tEvaluation

Table 224-8 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.

Type	• s180
	  • value: 0
	  • displayed: 180 s
	• s240
	  • value: 1
	  • displayed: 240 s
	• s30
	  • value: 2
	  • displayed: 30 s
	• s120
	  • value: 3
	  • displayed: 120 s
	• s60
	  • value: 4
	  • displayed: 60 s

Units	s

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	tHystNormal

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225 —SubscAndEquipmentTraces

Table 225-1 SubscAndEquipmentTraces parameters

Parameters	
id isPCMDEnabled isPostMortemTraceEnabled	isSignBasedCTEnabled isSnapshotTraceEnabled

Table 225-2 id

Name	Value
Description	SubscAndEquipmentTraces identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 225-3 isPCMDEnabled

Name	Value
Description	Activate or deactivate eNodeB PCMD collection
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	isPCMDEnabled

Table 225-4 isPostMortemTraceEnabled

Name	Value
Description	Activate or deactivate eNodeB post mortem debug trace collection
Type	boolean
Default	false
Impact	noReset

Table 225-5 isSignBasedCTEnabled

Name	Value
Description	Deactivate Signaling Based Trace. If false is selected the eNodeB will deactivate all the signaling based traces on all the cells.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	isSignBasedCTEnabled

Table 225-6 isSnapshotTraceEnabled

Name	Value
Description	Activate or deactivate eNodeB snapshot debug trace collection
Type	boolean
Default	false
Impact	noReset

226 —SyncEClockSync

Table 226-1 SyncEClockSync parameters

Parameters	
id	syncEsupportSSM

Table 226-2 id

Name	Value
Description	SyncEClockSync identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 226-3 syncEsupportSSM

Name	Value
Description	Informs eNB whether transport network supports SSM. True=Enabled, False=Disabled
Type	boolean

(1 of 2)

Name	Value
Default	true
Impact	partialReset
Displayed(tab/group)	syncEsupportSSM

(2 of 2)

227 —SysInfoConf

Table 227-1 SysInfoConf parameters

Parameters	
id	sib7SchedulingClass
numberRBnotForSIB	sib8SchedulingClass
sib1TargetMCS	sibClass1TargetMCS
sib2SchedulingClass	sibClass1TargetPeriodicity
sib3SchedulingClass	sibClass2TargetMCS
sib4SchedulingClass	sibClass2TargetPeriodicity
sib5SchedulingClass	sibClass3TargetMCS
sib6SchedulingClass	sibClass3TargetPeriodicity

Table 227-2 id

Name	Value
Description	SysInfoConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 227-3 numberRBnotForSIB

Name	Value
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.
Type	Integer
Default	8
minimum	0
maximum	100
Impact	partialReset
Displayed(tab/group)	numberRBnotForSIB

Table 227-4 sib1TargetMCS

Name	Value
Description	This parameter specifies the target MCS to be applied for transmission of SystemInformationBlockType1, the number of retransmissions being fixed to 3 by 3GPP.
Type	Integer
Default	2
minimum	0
maximum	9
Impact	noReset
Displayed(tab/group)	sib1TargetMCS (/System Information Block)

Table 227-5 sib2SchedulingClass

Name	Value
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 2.
Type	Integer
Default	1
minimum	1
maximum	3
Impact	noReset
Displayed(tab/group)	sib2SchedulingClass (/System Information Block)

Table 227-6 sib3SchedulingClass

Name	Value
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 3.
Type	Integer
Default	1
minimum	1
maximum	3
Impact	noReset
Displayed(tab/group)	sib3SchedulingClass (/System Information Block)

Table 227-7 sib4SchedulingClass

Name	Value
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 4.
Type	Integer
Default	2
minimum	1
maximum	3
Impact	noReset
Displayed(tab/group)	sib4SchedulingClass (/System Information Block)

Table 227-8 sib5SchedulingClass

Name	Value
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 5.
Type	Integer
Default	2
minimum	1
maximum	3
Impact	noReset
Displayed(tab/group)	sib5SchedulingClass (/System Information Block)

Table 227-9 sib6SchedulingClass

Name	Value
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 6.
Type	Integer
Default	2
minimum	1
maximum	3
Impact	noReset
Displayed(tab/group)	sib6SchedulingClass (/System Information Block)

Table 227-10 sib7SchedulingClass

Name	Value
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 7.
Type	Integer
Default	2
minimum	1
maximum	3
Impact	noReset
Displayed(tab/group)	sib7SchedulingClass (/System Information Block)

Table 227-11 sib8SchedulingClass

Name	Value
Description	This parameter specifies the SIB Scheduling Class id for SystemInformationBlockType 8.
Type	Integer
Default	2
minimum	1
maximum	3
Impact	noReset
Displayed(tab/group)	sib8SchedulingClass (/System Information Block)

Table 227-12 sibClass1TargetMCS

Name	Value
Description	This parameter specifies the target MCS to be applied for transmissions of SIB Scheduling Class 1, when no retransmissions are done.
Type	Integer
Default	0
minimum	0
maximum	9
Impact	noReset
Displayed(tab/group)	sibClass1TargetMCS (/Classes)

Table 227-13 sibClass1TargetPeriodicity

Name	Value
Description	This parameter specifies the target periodicity to be applied for transmissions of SIB Scheduling Class 1, broadcasted in SIB1.

Type	• rf8
	  • value: 0
	  • displayed: Rf 8
	• rf16
	  • value: 1
	  • displayed: Rf 16
	• rf32
	  • value: 2
	  • displayed: Rf 32
	• rf64
	  • value: 3
	  • displayed: Rf 64
	• rf128
	  • value: 4
	  • displayed: Rf 128
	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf512
	  • value: 6
	  • displayed: Rf 512

Default	rf8
Impact	noReset
Displayed(tab/group)	sibClass1TargetPeriodicity (/Classes)

Table 227-14 sibClass2TargetMCS

Name	Value
Description	This parameter specifies the target MCS to be applied for transmissions of SIB Scheduling Class 2, when no retransmissions are done
Type	Integer
Default	0
minimum	0
maximum	9
Impact	noReset
Displayed(tab/group)	sibClass2TargetMCS (/Classes)

Table 227-15 sibClass2TargetPeriodicity

Name	Value
Description	This parameter specifies the target periodicity to be applied for transmissions of SIB Scheduling Class 2, broadcasted in SIB1.

Type	• rf8
	  • value: 0
	  • displayed: Rf 8
	• rf16
	  • value: 1
	  • displayed: Rf 16
	• rf32
	  • value: 2
	  • displayed: Rf 32
	• rf64
	  • value: 3
	  • displayed: Rf 64
	• rf128
	  • value: 4
	  • displayed: Rf 128
	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf512
	  • value: 6
	  • displayed: Rf 512

Default	rf128
Impact	noReset
Displayed(tab/group)	sibClass2TargetPeriodicity (/Classes)

Table 227-16 sibClass3TargetMCS

Name	Value
Description	This parameter specifies the target MCS to be applied for transmissions of SIB Scheduling Class 3, when no retransmissions are done.
Type	Integer
Default	0
minimum	0
maximum	9
Impact	noReset
Displayed(tab/group)	sibClass3TargetMCS (/Classes)

Table 227-17 sibClass3TargetPeriodicity

Name	Value
Description	This parameter specifies the target periodicity to be applied for transmissions of SIB Scheduling Class 3, broadcasted in SIB1.

Type	• rf8
	  • value: 0
	  • displayed: Rf 8
	• rf16
	  • value: 1
	  • displayed: Rf 16
	• rf32
	  • value: 2
	  • displayed: Rf 32
	• rf64
	  • value: 3
	  • displayed: Rf 64
	• rf128
	  • value: 4
	  • displayed: Rf 128
	• rf256
	  • value: 5
	  • displayed: Rf 256
	• rf512
	  • value: 6
	  • displayed: Rf 512

Default	rf512
Impact	noReset
Displayed(tab/group)	sibClass3TargetPeriodicity (/Classes)

228 —TimeToTriggerConf

Table 228-1 TimeToTriggerConf parameters

Parameters	
id timeToTriggerSfHigh	timeToTriggerSfMedium

Table 228-2 id

Name	Value
Description	TimeToTriggerConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 228-3 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	timeToTriggerSfHigh

Table 228-4 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	timeToTriggerSfMedium

229 —TmaSubUnit

Table 229-1 TmaSubUnit parameters

Parameters	
tmaAldRitNumber tmaBypassMode	tmaSelfTest tmaSubUnitIndex

Table 229-2 tmaAldRitNumber

Name	Value
Description	Unique identifier for a TMA within an eNB.
Type	Long integer
access	read-create
minimum	1
maximum	2147483647
Mandatory on create	Yes

Table 229-3 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 .

Type	• true
	  • value: 1
	  • displayed: True
	• false
	  • value: 2
	  • displayed: False

Displayed(tab/group)	Bypass Mode

Table 229-4 tmaSelfTest

Name	Value
Description	A TMA test procedure to check physical and processor functions may be triggered by setting this object to 'true'.

Type	• true
	  • value: 1
	  • displayed: True
	• false
	  • value: 2
	  • displayed: False
	• unknown
	  • value: 255
	  • displayed: Unknown

Displayed(tab/group)	Self Test

Table 229-5 tmaSubUnitIndex

Name	Value
Description	Index of the TMA subunits associated with this TMA unit.
Type	Long integer
access	read-create
minimum	1
maximum	4
Mandatory on create	Yes
Displayed(tab/group)	ID

230 —TrafficBasedReleaseConf

Table 230-1 TrafficBasedReleaseConf parameters

Parameters	
averageWindow	rrcOnlyCnxLifeTime
dlBufferOccupancyThreshold	timeToTrigger
dlThroughputThreshold	timeToTriggerUntil_V2_x
id	

Table 230-2 averageWindow

Name	Value
Type	Integer
minimum	10
maximum	10000
Units	ms
Impact	noReset
Displayed(tab/group)	averageWindow

Table 230-3 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.
Type	Integer
minimum	0
maximum	65535
Units	octets
Impact	noReset
Displayed(tab/group)	dlBufferOccupancyThreshold

Table 230-4 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.
Type	Integer
minimum	0
maximum	32000
Units	b/s
Impact	noReset
Displayed(tab/group)	dlThroughputThreshold

Table 230-5 id

Name	Value
Description	TrafficBasedReleaseConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 230-6 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.
Type	Integer
minimum	1
maximum	86400
Units	s
Impact	noReset
Displayed(tab/group)	rrcOnlyCnxLifeTime

Table 230-7 timeToTrigger

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	10
minimum	1
maximum	1080
Units	s
Impact	noReset
Displayed(tab/group)	timeToTrigger

Table 230-8 timeToTriggerUntil_V2_x

Name	Value
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.
Type	Integer
Default	10
minimum	10
maximum	1080000
Units	ms
Impact	noReset
Displayed(tab/group)	timeToTrigger

231 —TrafficDescriptor

Table 231-1 TrafficDescriptor parameters

Parameters	
eNBIpSecPolicy	ipv4SubNetMask
id	ipv6Address
ipConfigMode	ipv6AddressFirstHopRouter
ipFormat	ipv6RoutingPrefixLength
ipv4Address	trafficTypeList
ipv4AddressFirstHopRouter	

Table 231-2 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".

Type	• no_ipsec
	  • value: 1
	  • displayed: no-IPsec
	• integrityprotection
	  • value: 2
	  • displayed: Integrity Protection
	• integrityprotectionandencrypted
	  • value: 3
	  • displayed: Integrity Protection and Encrypted

Impact	fullReset

Table 231-3 id

Name	Value
Description	TrafficDescriptor identifier
Type	Integer
access	read-create
minimum	0
maximum	2
Mandatory on create	Yes
Displayed(tab/group)	id

Table 231-4 ipConfigMode

Name	Value
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.

Type	• provisioned
	  • value: 0
	  • displayed: Provisioned
	• automatic
	  • value: 1
	  • displayed: Automatic

Default	automatic
Impact	fullReset
Displayed(tab/group)	ipConfigMode

Table 231-5 ipFormat

Name	Value
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.

Type	• IPv4
	  • value: 0
	  • displayed: IPv4
	• IPv6
	  • value: 1
	  • displayed: IPv6

Default	IPv4
Impact	fullReset
Displayed(tab/group)	ipFormat

Table 231-6 ipv4Address

Name	Value
Description	This attribute indicates IPv4 address for eNodeB application assigned to the traffic descriptor.
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	ipv4Address (/IPv4)
Note: The value of this parameter can be unset.	

Table 231-7 ipv4AddressFirstHopRouter

Name	Value
Description	This parameter specifies the IPv4 address of the default gateway for the TrafficDescriptor instance.
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	ipv4AddressFirstHopRouter (/IPv4)
Note: The value of this parameter can be unset.	

Table 231-8 ipv4SubNetMask

Name	Value
Description	This parameter specifies the IPv4 subnet mask for the TrafficDescriptor instance.
Type	InetAddress
Default	0.0.0.0
Impact	fullReset
Displayed(tab/group)	ipv4SubNetMask (/IPv4)
Note: The value of this parameter can be unset.	

Table 231-9 ipv6Address

Name	Value
Description	This attribute indicates IPv6 address for eNodeB application assigned to the "TrafficDescriptor" MO.
Type	InetAddress

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Name	Value
Default	0:0:0:0:0:0:0:0
Impact	fullReset
Displayed(tab/group)	ipv6Address (/IPv6)
Note: The value of this parameter can be unset.	

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Table 231-10 ipv6AddressFirstHopRouter

Name	Value
Description	This parameter specifies the IPv6 address of the default gateway for the TrafficDescriptor instance.
Type	InetAddress
Default	0:0:0:0:0:0:0:0
Impact	fullReset
Displayed(tab/group)	ipv6AddressFirstHopRouter (/IPv6)
Note: The value of this parameter can be unset.	

Table 231-11 ipv6RoutingPrefixLength

Name	Value
Description	This parameter specifies the IPv6 subnet mask for the TrafficDescriptor instance.
Type	string
Default	64
minimum	0
maximum	128
Impact	fullReset
Displayed(tab/group)	ipv6RoutingPrefixLength (/IPv6)
Note: The value of this parameter can be unset.	

Table 231-12 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.

Type	• oam
	  • value: 1
	  • displayed: Oam
	• s1u
	  • value: 2
	  • displayed: S1u

Type (continued)	• s1c
	  • value: 3
	  • displayed: S1c
	• x2u
	  • value: 4
	  • displayed: X2u
	• x2c
	  • value: 5
	  • displayed: X2c
	• 1588
	  • value: 6
	  • displayed: 1588

Impact	fullReset

232 —TrafficRadioBearerConf

Table 232-1 TrafficRadioBearerConf parameters

Parameters	
dataForwardingForS1HoEnabled	macMIMOModeDl
dataForwardingForX2HoEnabled	macOuterLoopBlerControlTargetBlerDl
id	macSINROffsetForLinkAdaptationDl
logicalChannelbucketSizeDurationUL	packetDelayBudget
logicalChannelGroupUL	pdcpDlLosslessBufferCoefficients
logicalChannelPrioritizedBitRateUL	pdcpDlSourceS1BufferCoefficients
logicalChannelPriorityDL	pdcpDlTargetDataForwardingBufferCoefficients
logicalChannelPriorityUL	pdcpDlTargetS1BufferCoefficients
macBOIncreaseUponResourceRequestUl	pdcpLosslessBufferHigherThreshold
macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUl	pdcpLosslessBufferLowerThreshold
macBOInitialValueUponHandoverUl	pdcpUlTargetS1BufferCoefficients
macBOInitialValueUponULdataArrivalUL	qCI
macBOMaxValueUl	rlcDiscardTimerEnb
mACBOminimumPeriodicIncreaseValue	rlcPdcpFlowControlEnabled
macBOoverheadUl	rlcSduBufferCoefficients
macBOperiodicIncreaseEnabledUl	rlcSduBufferHigherThreshold
macBOPeriodicIncreasePeriodUl	rlcSduBufferLowerThreshold
macBOWeightUl	rohcMaxCid
macHARQMaxNumberOfTransmissionDl	rohcProfiles
macHARQMaxTimerDl	trafficRadioBearerConfName
macInitialMCSIndexForBearerSetupDl	

Table 232-2 dataForwardingForS1HoEnabled

Name	Value
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.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	dataForwardingForS1HoEnabled

Table 232-3 dataForwardingForX2HoEnabled

Name	Value
Description	This parameter enables or disables the data forwarding for the Radio Bearer in case of X2 HO.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	dataForwardingForX2HoEnabled

Table 232-4 id

Name	Value
Description	TrafficRadioBearerConf identifier
Type	Integer
access	read-create
minimum	0
maximum	254
Mandatory on create	Yes
Displayed(tab/group)	id

Table 232-5 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

Type	• BufferOccupancy0
	  • value: 0
	  • displayed: Buffer Occupancy 0
	• BufferOccupancy1
	  • value: 1
	  • displayed: Buffer Occupancy 1
	• BufferOccupancy2
	  • value: 2
	  • displayed: Buffer Occupancy 2
	• BufferOccupancy3
	  • value: 3
	  • displayed: Buffer Occupancy 3
	• noBufferOccupancy
	  • value: 4
	  • displayed: No Buffer Occupancy

Impact	partialReset
Displayed(tab/group)	logicalChannelGroupUL

Table 232-6 logicalChannelPrioritizedBitRateUL

Name	Value
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.

Type	• kBps16
	  • value: 0
	  • displayed: 16 kB/s
	• kBps32
	  • value: 1
	  • displayed: 32 kB/s
	• kBps8
	  • value: 2
	  • displayed: 8 kB/s
	• kBps64
	  • value: 3
	  • displayed: 64 kB/s
	• kBps128
	  • value: 4
	  • displayed: 128 kB/s
	• infinity
	  • value: 5
	  • displayed: Infinity
	• kBps256
	  • value: 6
	  • displayed: 256 kB/s

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Name	Value

Type (continued)	• kBps0
	  • value: 7
	  • displayed: 0 kB/s

Default	kBps8
Units	Kbytes/s
Impact	noReset
Displayed(tab/group)	logicalChannelPrioritizedBitRateUL

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Table 232-7 logicalChannelPriorityDL

Name	Value
Description	This parameter specifies the priority used for scheduling when the delay for packet transmission reaches the PacketDelayBudget.
Type	Integer
Default	1
minimum	1
maximum	255
Impact	partialReset
Displayed(tab/group)	logicalChannelPriorityDL

Table 232-8 logicalChannelPriorityUL

Name	Value
Description	This parameter specifies the priority of a logical channel as per 36.321. One value is signaled to the UE per logical channel.
Type	Integer
Default	1
minimum	1
maximum	255
Impact	partialReset
Displayed(tab/group)	logicalChannelPriorityUL

Table 232-9 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

Type	• ms1000
	  • value: 0
	  • displayed: 1000 ms
	• ms300
	  • value: 1
	  • displayed: 300 ms
	• ms100
	  • value: 2
	  • displayed: 100 ms
	• ms50
	  • value: 3
	  • displayed: 50 ms
	• ms500
	  • value: 4
	  • displayed: 500 ms
	• ms150
	  • value: 5
	  • displayed: 150 ms

Units	ms
Impact	noReset
Displayed(tab/group)	logicalChannelbucketSizeDurationUL

Table 232-10 mACBOminimumPeriodicIncreaseValue

Name	Value
Description	This parameter defines the minimum UL BO periodic increase value. It is used, typically, when GBR=0 for the bearer.
Type	Integer
Default	5
minimum	0
maximum	512
Units	bytes
Impact	partialReset
Displayed(tab/group)	mACBOminimumPeriodicIncreaseValue

Table 232-11 macBOIncreaseUponResourceRequestUl

Name	Value
Description	This parameter specifies the systematic BE increase upon receipt of a Scheduling Request.
Type	Integer
Default	500
minimum	0
maximum	20000
Impact	partialReset
Displayed(tab/group)	macBOIncreaseUponResourceRequestUl

Table 232-12 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.
Type	Integer
minimum	0
maximum	20000
Impact	partialReset
Displayed(tab/group)	macBOIncreaseUsedToCalculateNbrOfPRBsUponResourceRequestUl

Table 232-13 macBOInitialValueUponHandoverUl

Name	Value
Description	This parameter specifies the initial value of the BO estimate for a newly created UE context in a handover scenario.
Type	Integer
Default	1000
minimum	0
maximum	200000
Impact	partialReset
Displayed(tab/group)	macBOInitialValueUponHandoverUl

Table 232-14 macBOInitialValueUponULdataArrivalUL

Name	Value
Description	This parameter specifies the initial value of the BO estimate for a newly created UE context in the case of UL data arrival.
Type	Integer
Default	0
minimum	0
maximum	200000
Impact	partialReset
Displayed(tab/group)	macBOInitialValueUponULdataArrivalUL

Table 232-15 macBOMaxValueUl

Name	Value
Description	This parameter specifies the maximum BO estimate value that can be made on a particular UL logical channel.
Type	Integer
Default	50000
minimum	0
maximum	200000
Impact	partialReset
Displayed(tab/group)	macBOMaxValueUl

Table 232-16 macBOPeriodicIncreasePeriodUl

Name	Value
Description	This parameter specifies, in ms, the period of periodic Buffer Estimate increase when configured.
Type	Integer
Default	5
minimum	1
maximum	250
Impact	partialReset
Displayed(tab/group)	macBOPeriodicIncreasePeriodUl

Table 232-17 macBOWeightUl

Name	Value
Description	This parameter specifies the weight used for the computation of the UE UL QoS weight of the Buffer Occupancy component.
Type	Integer
Default	100
minimum	0
maximum	255
Impact	partialReset
Displayed(tab/group)	macBOWeightUl

Table 232-18 macBOoverheadUl

Name	Value
Description	This parameter specifies the estimated average UL MAC overhead per MAC PDU.
Type	Integer
Default	3
minimum	0
maximum	10
Impact	partialReset
Displayed(tab/group)	macBOoverheadUl

Table 232-19 macBOperiodicIncreaseEnabledUl

Name	Value
Description	This parameter enables or disables periodic UL BO increase.

Type	• enabled
	  • value: 0
	  • displayed: Enabled
	• disabled
	  • value: 1
	  • displayed: Disabled

Default	disabled
Impact	partialReset
Displayed(tab/group)	macBOperiodicIncreaseEnabledUl

Table 232-20 macHARQMaxNumberOfTransmissionDl

Name	Value
Description	This parameter specifies the maximum number of HARQ transmissions attempts for DTCH.
Type	Integer
Default	8
minimum	1
maximum	8
Impact	partialReset
Displayed(tab/group)	macHARQMaxNumberOfTransmissionDl

Table 232-21 macHARQMaxTimerDl

Name	Value
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.
Type	Integer
Default	94
minimum	1
maximum	500
Units	ms
Impact	partialReset
Displayed(tab/group)	macHARQMaxTimerDl

Table 232-22 macInitialMCSIndexForBearerSetupDl

Name	Value
Description	This parameter specifies the initial Modulation and Coding Scheme to be used at call setup.
Type	Integer
Default	4
minimum	0
maximum	28
Impact	partialReset
Displayed(tab/group)	macInitialMCSIndexForBearerSetupDl

Table 232-23 macMIMOModeDl

Name	Value
Description	This parameter specifies the MIMO mode allowed for PDSCH.

Type	• clMimoOnly
	  • value: 0
	  • displayed: Cl MIMO Only
	• txDivOrClMimo
	  • value: 1
	  • displayed: Tx Div Or Cl MIMO
	• closeLoopOnly
	  • value: 2
	  • displayed: Close Loop Only
	• mimoNotAllowed
	  • value: 3
	  • displayed: MIMO Not Allowed
	• mimoAllowed
	  • value: 4
	  • displayed: MIMO Allowed
	• txDivOrOlMimo
	  • value: 5
	  • displayed: Tx Div Or Ol MIMO
	• closeLoopAllowed
	  • value: 6
	  • displayed: Close Loop Allowed
	• txDivOnly
	  • value: 7
	  • displayed: Tx Div Only
	• mimoTwoLayersNotAllowed
	  • value: 8
	  • displayed: MIMO Two Layers Not Allowed
	• mimoTwoLayersAllowed
	  • value: 9
	  • displayed: MIMO Two Layers Allowed

Default	mimoTwoLayersNotAllowed
Impact	partialReset
Displayed(tab/group)	macMIMOModeDl

Table 232-24 macOuterLoopBlerControlTargetBlerDl

Name	Value
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.
Type	Integer
Default	10
minimum	0
maximum	50
Units	%

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Name	Value
Impact	partialReset
Displayed(tab/group)	macOuterLoopBlerControlTargetBlerDl

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Table 232-25 macSINROffsetForLinkAdaptationDl

Name	Value
Description	This parameter specifies the SINR offset that applies in the Link Adaptation in the bearer configuration.
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	-20
maximum	20
Units	dB
Impact	partialReset
Displayed(tab/group)	macSINROffsetForLinkAdaptationDl

Table 232-26 packetDelayBudget

Name	Value
Description	This parameter specifies the maximum packet delay in the eNodeB allowed before a scheduling is triggered according to the logicalChannelPriorityDL.
Type	Integer
Default	80
minimum	30
maximum	10000
Units	ms
Impact	partialReset
Displayed(tab/group)	packetDelayBudget

Table 232-27 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.
Type	Map (int to int)
Impact	noReset

Table 232-28 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>.
Type	Map (int to int)
Impact	noReset

Table 232-29 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>.
Type	Map (int to int)
Impact	noReset

Table 232-30 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>.
Type	Map (int to int)
Impact	noReset

Table 232-31 pdcpLosslessBufferHigherThreshold

Name	Value
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.
Type	Integer
Default	80
minimum	0
maximum	100

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Name	Value
Impact	noReset
Displayed(tab/group)	pdcpLosslessBufferHigherThreshold

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Table 232-32 pdcpLosslessBufferLowerThreshold

Name	Value
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.
Type	Integer
Default	30
minimum	0
maximum	100
Impact	noReset
Displayed(tab/group)	pdcpLosslessBufferLowerThreshold

Table 232-33 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>.
Type	Map (int to int)
Impact	noReset

Table 232-34 qCI

Name	Value
Description	This parameter identifies the value of the QoS Class Identifier (QCI)
Type	Integer
minimum	1

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Name	Value
maximum	255
Impact	partialReset
Displayed(tab/group)	qCI

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Table 232-35 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.

Type	• 750ms
	  • value: 0
	  • displayed: 750 ms
	• 500ms
	  • value: 1
	  • displayed: 500 ms
	• 300ms
	  • value: 2
	  • displayed: 300 ms
	• 150ms
	  • value: 3
	  • displayed: 150 ms
	• 100ms
	  • value: 4
	  • displayed: 100 ms
	• 50ms
	  • value: 5
	  • displayed: 50 ms
	• infinity
	  • value: 6
	  • displayed: Infinity
	• 1500ms
	  • value: 7
	  • displayed: 1500 ms

Impact	partialReset
Displayed(tab/group)	rlcDiscardTimerEnb

Table 232-36 rlcPdcpFlowControlEnabled

Name	Value
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.
Type	boolean
Default	true
Impact	partialReset
Displayed(tab/group)	rlcPdcpFlowControlEnabled

Table 232-37 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.
Type	Map (int to int)
Impact	partialReset

Table 232-38 rlcSduBufferHigherThreshold

Name	Value
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.
Type	Integer
Default	80
minimum	0
maximum	100
Impact	partialReset
Displayed(tab/group)	rlcSduBufferHigherThreshold

Table 232-39 rlcSduBufferLowerThreshold

Name	Value
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.
Type	Integer
Default	30
minimum	0
maximum	100
Impact	partialReset
Displayed(tab/group)	rlcSduBufferLowerThreshold

Table 232-40 rohcMaxCid

Name	Value
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.
Type	Integer
Default	15
minimum	0
maximum	8191
Impact	noReset
Displayed(tab/group)	rohcMaxCid

Table 232-41 rohcProfiles

Name	Value
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).
Type	string
Default	110100000
minimum	9
maximum	9
Impact	noReset
Displayed(tab/group)	rohcProfiles

Table 232-42 trafficRadioBearerConfName

Name	Value
Description	This parameter is used to allow the customer to define a friendly name to identify the MO instance of TrafficRadioBearerConf
Type	string
minimum	0
maximum	64
Impact	noReset
Displayed(tab/group)	trafficRadioBearerConfName
Note: The value of this parameter can be unset.	

233 —TxDivOrMimoResources

Table 233-1 id

Name	Value
Description	TxDivOrMimoResources identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

234 —UEAdaptiveBeamForming

Table 234-1 UEAdaptiveBeamForming parameters

Parameters	
beamFormingAlgo fullBWEBBWeightStabilityThresholdBetweenTxDivAndBeamFormingIntraTm id	sinrOffsetForMcsSelection speedThresholdBetweenTxDivAndBeamFormingIntraTm7 uLCEMSEThresholdBetweenTxDivAndBeamFormingIntraTm7

Table 234-2 beamFormingAlgo

Name	Value
Description	To specify the applied DL port 5 beamforming algorithm

Type	• Per_RB_MRT
	  • value: 0
	  • displayed: Per RB MRT
	• Full_BW_EBB
	  • value: 1
	  • displayed: Full BW EBB
	• DoA
	  • value: 2
	  • displayed: DoA
	• Adaptive
	  • value: 3
	  • displayed: Adaptive

Default	Per_RB_MRT
Impact	partialReset
Displayed(tab/group)	beamFormingAlgo

Table 234-3 fullBWEBBWeightStabilityThresholdBetweenTxDivAndBeamFormingIntraTm

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	0
maximum	1
Impact	partialReset
Displayed(tab/group)	fullBWEBBWeightStabilityThresholdBetweenTxDivAndBeamFormingIntraTm

Table 234-4 id

Name	Value
Description	UEAdaptiveBeamForming identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 234-5 sinrOffsetForMcsSelection

Name	Value
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
Type	IP address exclusively (hostname not allowed)
Default	3
minimum	0
maximum	9
Units	dB
Impact	partialReset
Displayed(tab/group)	sinrOffsetForMcsSelection

Table 234-6 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.
Type	IP address exclusively (hostname not allowed)
minimum	0
maximum	500
Units	km/hr
Impact	partialReset
Displayed(tab/group)	speedThresholdBetweenTxDivAndBeamFormingIntraTm7

Table 234-7 uLCEMSEThresholdBetweenTxDivAndBeamFormingIntraTm7

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	60
minimum	0
maximum	60
Impact	partialReset
Displayed(tab/group)	uLCEMSEThresholdBetweenTxDivAndBeamFormingIntraTm7

235 —UeMeasurementConf

Table 235-1 id

Name	Value
Description	UeMeasurementConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

236 —UeTimers

Table 236-1 UeTimers parameters

Parameters	
id	t304
n310	t304CellChangeOrder
n311	t310
t300	t311
t301	t320
t302	tOverload

Table 236-2 id

Name	Value
Description	UeTimers identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 236-3 n310

Name	Value
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

Type	• n10
	  • value: 0
	  • displayed: 10 Consecutive Out-of-Syncs
	• n1
	  • value: 1
	  • displayed: 1 Consecutive Out-of-Sync
	• n20
	  • value: 2
	  • displayed: 20 Consecutive Out-of-Syncs
	• n4
	  • value: 3
	  • displayed: 4 Consecutive Out-of-Syncs
	• n3
	  • value: 4
	  • displayed: 3 Consecutive Out-of-Syncs
	• n2
	  • value: 5
	  • displayed: 2 Consecutive Out-of-Syncs
	• n8
	  • value: 6
	  • displayed: 8 Consecutive Out-of-Syncs
	• n6
	  • value: 7
	  • displayed: 6 Consecutive Out-of-Syncs

Default	n1
Impact	noReset
Displayed(tab/group)	n310

Table 236-4 n311

Name	Value
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

Type	• n10
	  • value: 0
	  • displayed: 10 Consecutive In-Syncs
	• n1
	  • value: 1
	  • displayed: 1 Consecutive In-Sync
	• n5
	  • value: 2
	  • displayed: 5 Consecutive In-Syncs

(1 of 2)

Name	Value

Type (continued)	• n4
	  • value: 3
	  • displayed: 4 Consecutive In-Syncs
	• n3
	  • value: 4
	  • displayed: 3 Consecutive In-Syncs
	• n2
	  • value: 5
	  • displayed: 2 Consecutive In-Syncs
	• n8
	  • value: 6
	  • displayed: 8 Consecutive In-Syncs
	• n6
	  • value: 7
	  • displayed: 6 Consecutive In-Syncs

Default	n1
Impact	noReset
Displayed(tab/group)	n311

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Table 236-5 t300

Name	Value
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

Type	• ms2000
	  • value: 0
	  • displayed: 2000 ms
	• ms600
	  • value: 1
	  • displayed: 600 ms
	• ms400
	  • value: 2
	  • displayed: 400 ms
	• ms1000
	  • value: 3
	  • displayed: 1000 ms
	• ms300
	  • value: 4
	  • displayed: 300 ms
	• ms1500
	  • value: 5
	  • displayed: 1500 ms
	• ms100
	  • value: 6
	  • displayed: 100 ms
	• ms200
	  • value: 7
	  • displayed: 200 ms

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Name	Value
Default	ms100
Units	ms
Impact	noReset
Displayed(tab/group)	t300

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Table 236-6 t301

Name	Value
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

Type	• ms2000
	  • value: 0
	  • displayed: 2000 ms
	• ms600
	  • value: 1
	  • displayed: 600 ms
	• ms400
	  • value: 2
	  • displayed: 400 ms
	• ms1000
	  • value: 3
	  • displayed: 1000 ms
	• ms300
	  • value: 4
	  • displayed: 300 ms
	• ms1500
	  • value: 5
	  • displayed: 1500 ms
	• ms100
	  • value: 6
	  • displayed: 100 ms
	• ms200
	  • value: 7
	  • displayed: 200 ms

Default	ms100
Units	ms
Impact	noReset
Displayed(tab/group)	t301

Table 236-7 t302

Name	Value
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)
Type	Integer
Default	5
minimum	1
maximum	16
Units	s
Impact	noReset
Displayed(tab/group)	t302

Table 236-8 t304

Name	Value
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

Type	• Timer2000MS
	  • value: 0
	  • displayed: Timer 2000 ms
	• Timer4000MS
	  • value: 1
	  • displayed: Timer 4000 ms
	• *R6R6R6R6*
	  • value: 2
	  • displayed: Timer 500 ms
	• Timer8000MS
	  • value: 3
	  • displayed: Timer 8000 ms
	• Timer1000MS
	  • value: 4
	  • displayed: Timer 1000 ms
	• Timer100MS
	  • value: 5
	  • displayed: Timer 100 ms
	• Timer200MS
	  • value: 6
	  • displayed: Timer 200 ms
	• *R6R6R6*
	  • value: 7
	  • displayed: Timer 50 ms
	• Timer150MS
	  • value: 8
	  • displayed: Timer 150 ms

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Name	Value
Default	Timer2000MS
Units	ms
Impact	noReset
Displayed(tab/group)	t304

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Table 236-9 t304CellChangeOrder

Name	Value
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.

Type	• Timer100MS
	  • value: 0
	  • displayed: Timer 100 ms
	• Timer200MS
	  • value: 1
	  • displayed: Timer 200 ms
	• *R6R6R6R6*
	  • value: 2
	  • displayed: Timer 500 ms
	• Timer1000MS
	  • value: 3
	  • displayed: Timer 1000 ms
	• Timer2000MS
	  • value: 4
	  • displayed: Timer 2000 ms
	• Timer4000MS
	  • value: 5
	  • displayed: Timer 4000 ms
	• Timer8000MS
	  • value: 6
	  • displayed: Timer 8000 ms

Default	Timer2000MS
Units	ms
Impact	noReset
Displayed(tab/group)	t304CellChangeOrder

Table 236-10 t310

Name	Value
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

Type	• ms2000
	  • value: 0
	  • displayed: 2000 ms
	• ms1000
	  • value: 1
	  • displayed: 1000 ms
	• ms100
	  • value: 2
	  • displayed: 100 ms
	• ms200
	  • value: 3
	  • displayed: 200 ms
	• ms50
	  • value: 4
	  • displayed: 50 ms
	• ms500
	  • value: 5
	  • displayed: 500 ms
	• ms0
	  • value: 6
	  • displayed: 0 ms

Default	ms1000
Units	ms
Impact	noReset
Displayed(tab/group)	t310

Table 236-11 t311

Name	Value
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

Type	• ms20000
	  • value: 0
	  • displayed: 20000 ms
	• ms5000
	  • value: 1
	  • displayed: 5000 ms
	• ms1000
	  • value: 2
	  • displayed: 1000 ms

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Name	Value

Type (continued)	• ms15000
	  • value: 3
	  • displayed: 15000 ms
	• ms3000
	  • value: 4
	  • displayed: 3000 ms
	• ms10000
	  • value: 5
	  • displayed: 10000 ms
	• ms30000
	  • value: 6
	  • displayed: 30000 ms

Default	ms1000
Units	ms
Impact	noReset
Displayed(tab/group)	t311

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Table 236-12 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

Type	• min60
	  • value: 0
	  • displayed: Min 60
	• min120
	  • value: 1
	  • displayed: Min 120
	• min20
	  • value: 2
	  • displayed: Min 20
	• min10
	  • value: 3
	  • displayed: Min 10
	• min180
	  • value: 4
	  • displayed: Min 180
	• min30
	  • value: 5
	  • displayed: Min 30

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Name	Value

Type (continued)	• min5
	  • value: 6
	  • displayed: Min 5

Units	s
Impact	noReset
Displayed(tab/group)	t320
Note: The value of this parameter can be unset.	

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Table 236-13 tOverload

Name	Value
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.
Type	Integer
Default	16
minimum	1
maximum	16
Units	s
Impact	noReset
Displayed(tab/group)	tOverload

237 —ULPowerControlConf

Table 237-1 ULPowerControlConf parameters

Parameters	
accumulationEnabled	maxSIRtargetForFractionalPowerCtrl
deltaFPUCCHFormat1	minSIRtargetForFractionalPowerCtrl
deltaFPUCCHFormat1b	p0NominalPUCCH
deltaFPUCCHFormat2	p0NominalPUSCH
deltaFPUCCHFormat2a	p0uePUCCH
deltaFPUCCHFormat2b	pathLossNominal
deltaPreambleMsg3	pSRSOffset
filterCoefficient	pUSCHPowerControlAlphaFactor
id	sIRTargetforReferencePUCCHFormat
initialPowerHeadroomValue	

Table 237-2 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.
Type	boolean
Impact	partialReset
Displayed(tab/group)	accumulationEnabled

Table 237-3 deltaFPUCCHFormat1

Name	Value
Description	Defines power offset value for PUCCH Format 1.

Type	• deltaFm2
	  • value: 0
	  • displayed: Delta Fm2
	• deltaF2
	  • value: 1
	  • displayed: Delta F2
	• deltaF0
	  • value: 2
	  • displayed: Delta F0

Impact	partialReset
Displayed(tab/group)	deltaFPUCCHFormat1

Table 237-4 deltaFPUCCHFormat1b

Name	Value
Description	Defines power offset value for PUCCH Format 1b.

Type	• deltaF5
	  • value: 0
	  • displayed: Delta F5
	• deltaF3
	  • value: 1
	  • displayed: Delta F3
	• deltaF1
	  • value: 2
	  • displayed: Delta F1

Impact	partialReset
Displayed(tab/group)	deltaFPUCCHFormat1b

Table 237-5 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

Type	• deltaFm2
	  • value: 0
	  • displayed: Delta Fm2
	• deltaF0
	  • value: 1
	  • displayed: Delta F0

(1 of 2)

Name	Value

Type (continued)	• deltaF1
	  • value: 2
	  • displayed: Delta F1
	• deltaF2
	  • value: 3
	  • displayed: Delta F2

Impact	partialReset
Displayed(tab/group)	deltaFPUCCHFormat2
Note: The value of this parameter can be unset.	

(2 of 2)

Table 237-6 deltaFPUCCHFormat2a

Name	Value
Description	Defines power offset value for PUCCH Format 2a. This parameter corresponds to (where F=format 2) in 36.213 5.1.2.1

Type	• deltaFm2
	  • value: 0
	  • displayed: Delta Fm2
	• deltaF0
	  • value: 1
	  • displayed: Delta F0
	• deltaF2
	  • value: 2
	  • displayed: Delta F2

Default	deltaF0
Impact	partialReset
Displayed(tab/group)	deltaFPUCCHFormat2a
Note: The value of this parameter can be unset.	

Table 237-7 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

Type	• deltaFm2
	  • value: 0
	  • displayed: Delta Fm2
	• deltaF0
	  • value: 1
	  • displayed: Delta F0
	• deltaF2
	  • value: 2
	  • displayed: Delta F2

(1 of 2)

Name	Value
Impact	partialReset
Displayed(tab/group)	deltaFPUCCHFormat2b
Note: The value of this parameter can be unset.	

(2 of 2)

Table 237-8 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)
Type	Integer
minimum	-2
maximum	12
Units	dB
Impact	partialReset
Displayed(tab/group)	deltaPreambleMsg3

Table 237-9 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.

Type	• fc15
	  • value: 0
	  • displayed: FC 15
	• fc9
	  • value: 1
	  • displayed: FC 9
	• fc17
	  • value: 2
	  • displayed: FC 17
	• fc7
	  • value: 3
	  • displayed: FC 7
	• fc19
	  • value: 4
	  • displayed: FC 19
	• fc8
	  • value: 5
	  • displayed: FC 8

(1 of 2)

Name	Value

Type (continued)	• fc5
	  • value: 6
	  • displayed: FC 5
	• fc6
	  • value: 7
	  • displayed: FC 6
	• fc3
	  • value: 8
	  • displayed: FC 3
	• fc4
	  • value: 9
	  • displayed: FC 4
	• fc1
	  • value: 10
	  • displayed: FC 1
	• fc2
	  • value: 11
	  • displayed: FC 2
	• fc0
	  • value: 12
	  • displayed: FC 0
	• fc13
	  • value: 13
	  • displayed: FC 13
	• fc11
	  • value: 14
	  • displayed: FC 11

Impact	partialReset
Displayed(tab/group)	filterCoefficient
Note: The value of this parameter can be unset.	

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Table 237-10 id

Name	Value
Description	ULPowerControlConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 237-11 initialPowerHeadroomValue

Name	Value
Description	This is the PH value assumed by the scheduler before receiving the UE Power Headroom report.
Type	Integer
Default	10
minimum	-23
maximum	40
Impact	partialReset
Displayed(tab/group)	initialPowerHeadroomValue

Table 237-12 maxSIRtargetForFractionalPowerCtrl

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	10
minimum	-5
maximum	25
Impact	partialReset
Displayed(tab/group)	maxSIRtargetForFractionalPowerCtrl

Table 237-13 minSIRtargetForFractionalPowerCtrl

Name	Value
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.
Type	IP address exclusively (hostname not allowed)
Default	-1
minimum	-5
maximum	25
Impact	partialReset
Displayed(tab/group)	minSIRtargetForFractionalPowerCtrl

Table 237-14 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.
Type	Integer
minimum	-127
maximum	-96
Units	dBm
Impact	partialReset
Displayed(tab/group)	p0NominalPUCCH

Table 237-15 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.
Type	Integer
minimum	-126
maximum	24
Units	dBm
Impact	partialReset
Displayed(tab/group)	p0NominalPUSCH

Table 237-16 p0uePUCCH

Name	Value
Description	Defines required value P0_UE_PUCCH. See TS 36.213, 5.1.2.1.
Type	Integer
minimum	-8
maximum	7
Units	dBm
Impact	partialReset
Displayed(tab/group)	p0uePUCCH

Table 237-17 pSRSOffset

Name	Value
Description	Defines P_SRS_OFFSET. See TS 36.213, 5.1.3.1. For Ks=1.25, the actual parameter value is pSRS-Offset value 3. For Ks=0, the actual parameter value is -10.5 + 1.5*pSRS-Offset value.
Type	Integer
minimum	0
maximum	15
Impact	partialReset
Displayed(tab/group)	pSRSOffset

Table 237-18 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.

Type	• 0_5
	  • value: 0
	  • displayed: 0.5
	• 0_4
	  • value: 1
	  • displayed: 0.4
	• 0
	  • value: 2
	  • displayed: 0
	• 1_0
	  • value: 3
	  • displayed: 1.0
	• 0_9
	  • value: 4
	  • displayed: 0.9
	• 0_8
	  • value: 5
	  • displayed: 0.8
	• 0_7
	  • value: 6
	  • displayed: 0.7
	• 0_6
	  • value: 7
	  • displayed: 0.6

Impact	partialReset
Displayed(tab/group)	pUSCHPowerControlAlphaFactor

Table 237-19 pathLossNominal

Name	Value
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.
Type	Integer
Default	60
minimum	0
maximum	127
Units	dB
Impact	partialReset
Displayed(tab/group)	pathLossNominal

Table 237-20 sIRTargetforReferencePUCCHFormat

Name	Value
Description	Internal parameter. SINR target value in dB.
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	-5
maximum	25
Units	dB
Impact	partialReset
Displayed(tab/group)	sIRTargetforReferencePUCCHFormat

238 —ULSemiStaticSchedulingConf

Table 238-1 ULSemiStaticSchedulingConf parameters

Parameters	
id isFrequencyHoppingEnabledForSSgrants mCSIndexForAperiodicCQIReport numberOfPRBs	numberOfPRBsForAperiodicCQIReport periodicRate semiStaticULMCSIndex

Table 238-2 id

Name	Value
Description	ULSemiStaticSchedulingConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 238-3 isFrequencyHoppingEnabledForSSgrants

Name	Value
Description	indicate if Frequency hopping is required for Semi-Static HARQ retransmissions
Type	boolean
Default	true
Impact	fullReset
Displayed(tab/group)	IsFrequencyHoppingEnabledForSSgrants

Table 238-4 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.
Type	Integer
minimum	0
maximum	16
Impact	partialReset
Displayed(tab/group)	mCSIndexForAperiodicCQIReport

Table 238-5 numberOfPRBs

Name	Value
Description	Number of UL PRBs used for semi-static pattern.
Type	Integer
minimum	6
maximum	10
Impact	partialReset
Displayed(tab/group)	numberOfPRBs

Table 238-6 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.
Type	Integer

(1 of 2)

Name	Value
minimum	1
maximum	6
Impact	partialReset
Displayed(tab/group)	numberOfPRBsForAperiodicCQIReport

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Table 238-7 periodicRate

Name	Value
Description	Period of semi-static pattern. In ms.
Type	Integer
Default	20
minimum	1
maximum	255
Units	ms
Impact	partialReset
Displayed(tab/group)	periodicRate

Table 238-8 semiStaticULMCSIndex

Name	Value
Description	MCS index for semi-static pattern. Semi-static pattern is used for VoIP, CQI and buffer status reporting purposes.
Type	Integer
minimum	0
maximum	9
Impact	partialReset
Displayed(tab/group)	semiStaticULMCSIndex

239 —UlTrafficSchedulingPriorityMapping

Table 239-1 UlTrafficSchedulingPriorityMapping parameters

Parameters	
id ulSchedulingFlowProfile	ulSchedulingPriority

Table 239-2 id

Name	Value
Description	UlTrafficSchedulingPriorityMapping identifier
Type	Integer
access	read-create
minimum	0
maximum	15
Mandatory on create	Yes
Displayed(tab/group)	id

Table 239-3 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.

Type	• Other
	  • value: 0
	  • displayed: Other
	• NetworkControl
	  • value: 1
	  • displayed: Network Control
	• AF13
	  • value: 2
	  • displayed: AF13
	• AF31
	  • value: 3
	  • displayed: AF31
	• AF22
	  • value: 4
	  • displayed: AF22
	• AF21
	  • value: 5
	  • displayed: AF21
	• AF12
	  • value: 6
	  • displayed: AF12
	• AF42
	  • value: 7
	  • displayed: AF42
	• AF11
	  • value: 8
	  • displayed: AF11
	• AF41
	  • value: 9
	  • displayed: AF41
	• AF23
	  • value: 10
	  • displayed: AF23
	• AF43
	  • value: 11
	  • displayed: AF43
	• AF33
	  • value: 12
	  • displayed: AF33
	• BE
	  • value: 13
	  • displayed: BE
	• AF32
	  • value: 14
	  • displayed: AF32
	• EF
	  • value: 15
	  • displayed: EF

(1 of 2)

Name	Value
Impact	fullReset
Displayed(tab/group)	ulSchedulingFlowProfile

(2 of 2)

Table 239-4 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.
Type	Integer
minimum	0
maximum	16
Impact	fullReset
Displayed(tab/group)	ulSchedulingPriority

240 —UnmanagedNetworkElement

Table 240-1 UnmanagedNetworkElement parameters

Parameters	
description systemAddress	systemAddressAddressType

Table 240-2 description

Name	Value
Description	Description field.
Type	string
Default	Unmanaged NE
minimum	0
maximum	250
Displayed(tab/group)	Description

Table 240-3 systemAddress

Name	Value
Description	The IPv4 address assigned to this Unmanaged NE. Do not confuse with siteId being inherited from NetworkSite.
Type	InetAddress

(1 of 2)

Name	Value
access	read-create
Default	0.0.0.0

(2 of 2)

Table 240-4 systemAddressAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4

241 —UplinkMimo

Table 241-1 UplinkMimo parameters

Parameters	
id ulMIMOPHthreshold ulMIMOPRBthreshold	ulMIMOULPLDthreshold ulMIMOULPLDthresholdFlag ulMIMOULPLthreshold

Table 241-2 id

Name	Value
Description	UplinkMimo identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 241-3 ulMIMOPHthreshold

Name	Value
Description	defines Minimum power headroom to be considered for UL-MU-MIMO scheduling
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	-150
maximum	0
Impact	partialReset
Displayed(tab/group)	ulMIMOPHthreshold

Table 241-4 ulMIMOPRBthreshold

Name	Value
Description	defines minimum nbr of granted PRBs to consider the UE for UL MU MIMO pairing
Type	Integer
Default	2
minimum	2
maximum	100
Impact	partialReset
Displayed(tab/group)	ulMIMOPRBthreshold

Table 241-5 ulMIMOULPLDthreshold

Name	Value
Description	defines the UL pathlos difference between candidate users for UL-MU-MIMO scheduling
Type	Integer
Default	0
minimum	0
maximum	300
Units	dB
Impact	partialReset
Displayed(tab/group)	ulMIMOULPLDthreshold

Table 241-6 ulMIMOULPLDthresholdFlag

Name	Value
Description	Flag to enable/disable UL MIMO path loss difference threshold.
Type	boolean
Default	false
Impact	partialReset
Displayed(tab/group)	ulMIMOULPLDthresholdFlag

Table 241-7 ulMIMOULPLthreshold

Name	Value
Description	defines UL path loss threshold for UL MIMO
Type	IP address exclusively (hostname not allowed)
Default	0
minimum	-150
maximum	0
Units	dB
Impact	partialReset
Displayed(tab/group)	ulMIMOULPLthreshold

242 —UtraFddNeighboringCellRelation

Table 242-1 UtraFddNeighboringCellRelation parameters

Parameters	
cId	physCellIdUTRA
id	rac
lac	rdnId
measuredByAnr	utraSystemInformationContainer
noRemove	voiceOverIpEnabled

Table 242-2 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
Type	Integer
minimum	0
maximum	65535
Impact	noReset
Displayed(tab/group)	cId

Table 242-3 id

Name	Value
Description	User friendly UtraFddNeighboringCell name, for operator use, but also part of eNodeB MIM.
Type	string
access	read-create
minimum	0
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	id

Table 242-4 lac

Name	Value
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.
Type	string
Default	00
minimum	2
maximum	4
Impact	noReset
Displayed(tab/group)	lac

Table 242-5 measuredByAnr

Name	Value
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.
Type	boolean
access	read-create
Default	false
Displayed(tab/group)	measuredByAnr (/Automatic Neighbour Relation)

Table 242-6 noRemove

Name	Value
Description	This parameter is a flag that allows or forbids the deletion of the UtraFddNeighboringCellRelation by the eNodeB.
Type	boolean
Default	false
Impact	noReset
Displayed(tab/group)	noRemove (/Automatic Neighbour Relation)

Table 242-7 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.
Type	Integer
minimum	0
maximum	511
Impact	noReset
Displayed(tab/group)	physCellIdUTRA

Table 242-8 rac

Name	Value
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
Type	string
Default	0
minimum	1
maximum	2
Units	hex
Impact	noReset
Displayed(tab/group)	rac

Table 242-9 rdnId

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 242-10 utraSystemInformationContainer

Name	Value
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.
Type	string
Default	0000
minimum	0
maximum	2000
Units	hex
Impact	noReset
Displayed(tab/group)	utraSystemInformationContainer
Note: The value of this parameter can be unset.	

Table 242-11 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.
Type	boolean
Impact	noReset
Displayed(tab/group)	voiceOverIpEnabled

243 —UtraFddNeighboringFreqConf

Table 243-1 UtraFddNeighboringFreqConf parameters

Parameters	
bandUtraFdd carrierFreq id	priorityOfBandUtraFdd priorityOfFreq

Table 243-2 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.

Type	• bandVI
	  • value: 0
	  • displayed: Band VI
	• bandXIV
	  • value: 1
	  • displayed: Band XIV
	• bandII
	  • value: 2
	  • displayed: Band II

(1 of 2)

Name	Value

Type (continued)	• bandIII
	  • value: 3
	  • displayed: Band III
	• bandVII
	  • value: 4
	  • displayed: Band VII
	• bandXI
	  • value: 5
	  • displayed: Band XI
	• bandI
	  • value: 6
	  • displayed: Band I
	• bandXII
	  • value: 7
	  • displayed: Band XII
	• bandIV
	  • value: 8
	  • displayed: Band IV
	• bandVIII
	  • value: 9
	  • displayed: Band VIII
	• bandIX
	  • value: 10
	  • displayed: Band IX
	• bandXIII
	  • value: 11
	  • displayed: Band XIII
	• bandXVI
	  • value: 12
	  • displayed: Band XVI
	• bandV
	  • value: 13
	  • displayed: Band V
	• bandXV
	  • value: 14
	  • displayed: Band XV
	• bandX
	  • value: 15
	  • displayed: Band X

Impact	noReset
Displayed(tab/group)	bandUtraFdd

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Table 243-3 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
Type	Integer

(1 of 2)

Name	Value
minimum	0
maximum	16383
Impact	noReset
Displayed(tab/group)	carrierFreq

(2 of 2)

Table 243-4 id

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	31
Mandatory on create	Yes
Displayed(tab/group)	id

Table 243-5 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
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	priorityOfBandUtraFdd

Table 243-6 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)
Type	Integer

(1 of 2)

Name	Value
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	priorityOfFreq

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244 —UtraFddNeighboring

Table 244-1 id

Name	Value
Description	UtraFddNeighboring identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

245 —UtranAccessGroup

Table 245-1 id

Name	Value
Description	UtranAccessGroup identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

246 —UtraNeighboring

Table 246-1 UtraNeighboring parameters

Parameters	
id	tReselectionUtra

Table 246-2 id

Name	Value
Description	UtraNeighboring identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 246-3 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.
Type	Integer
minimum	0
maximum	7
Units	s
Impact	noReset
Displayed(tab/group)	tReselectionUtra

247 —UtraSpeedConf

Table 247-1 UtraSpeedConf parameters

Parameters	
id tReselectionUtraSfHigh	tReselectionUtraSfMedium

Table 247-2 id

Name	Value
Description	UtraSpeedConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 247-3 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionUtraSfHigh

Table 247-4 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionUtraSfMedium

248 —UtraSpeedDependentConf

Table 248-1 UtraSpeedDependentConf parameters

Parameters	
id tReselectionUtraSfHigh	tReselectionUtraSfMedium

Table 248-2 id

Name	Value
Description	UtraSpeedDependentConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 248-3 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionUtraSfHigh

Table 248-4 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.

Type	• lDot0
	  • value: 0
	  • displayed: Less Than 0
	• oDot25
	  • value: 1
	  • displayed: 0.25
	• oDot75
	  • value: 2
	  • displayed: 0.75
	• oDot5
	  • value: 3
	  • displayed: 0.5

Impact	noReset
Displayed(tab/group)	tReselectionUtraSfMedium

249 —UtraTddNeighboringCellRelation

Table 249-1 UtraTddNeighboringCellRelation parameters

Parameters	
cId	rac
id	rdnId
lac	voiceOverIpEnabled
physCellIdUTRATdd	

Table 249-2 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)
Type	Integer
minimum	0
maximum	65535
Impact	noReset
Displayed(tab/group)	cId

Table 249-3 id

Name	Value
Description	User friendly UtraTddNeighboringCell name, for operator use, but also part of eNodeB MIM.
Type	string
access	read-create
minimum	1
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	id

Table 249-4 lac

Name	Value
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
Type	string
Default	00
minimum	2
maximum	4
Units	hex
Impact	noReset
Displayed(tab/group)	lac

Table 249-5 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.
Type	Integer
minimum	0
maximum	127

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	physCellIdUTRATdd

(2 of 2)

Table 249-6 rac

Name	Value
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
Type	string
Default	0
minimum	1
maximum	2
Units	hex
Impact	noReset
Displayed(tab/group)	rac

Table 249-7 rdnId

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	63
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 249-8 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
Type	boolean

(1 of 2)

Name	Value
Impact	noReset
Displayed(tab/group)	voiceOverIpEnabled

(2 of 2)

250 —UtraTddNeighboringFreqConf

Table 250-1 UtraTddNeighboringFreqConf parameters

Parameters	
bandUtraTdd128 bandUtraTdd384 bandUtraTdd768 carrierFreq	id priorityOfBandUtraTdd priorityOfFreq

Table 250-2 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.

Type	• f
	  • value: 0
	  • displayed: F
	• g
	  • value: 1
	  • displayed: G
	• d
	  • value: 2
	  • displayed: D

(1 of 2)

Name	Value

Type (continued)	• e
	  • value: 3
	  • displayed: E
	• b
	  • value: 4
	  • displayed: B
	• c
	  • value: 5
	  • displayed: C
	• a
	  • value: 6
	  • displayed: A
	• n
	  • value: 7
	  • displayed: N
	• l
	  • value: 8
	  • displayed: L
	• m
	  • value: 9
	  • displayed: M
	• j
	  • value: 10
	  • displayed: J
	• k
	  • value: 11
	  • displayed: K
	• h
	  • value: 12
	  • displayed: H
	• i
	  • value: 13
	  • displayed: I

Impact	noReset
Displayed(tab/group)	bandUtraTdd128
Note: The value of this parameter can be unset.	

(2 of 2)

Table 250-3 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.

Type	• f
	  • value: 0
	  • displayed: F

(1 of 2)

Name	Value

Type (continued)	• g
	  • value: 1
	  • displayed: G
	• d
	  • value: 2
	  • displayed: D
	• e
	  • value: 3
	  • displayed: E
	• b
	  • value: 4
	  • displayed: B
	• c
	  • value: 5
	  • displayed: C
	• a
	  • value: 6
	  • displayed: A
	• n
	  • value: 7
	  • displayed: N
	• l
	  • value: 8
	  • displayed: L
	• m
	  • value: 9
	  • displayed: M
	• j
	  • value: 10
	  • displayed: J
	• k
	  • value: 11
	  • displayed: K
	• h
	  • value: 12
	  • displayed: H
	• i
	  • value: 13
	  • displayed: I

Impact	noReset
Displayed(tab/group)	bandUtraTdd384
Note: The value of this parameter can be unset.	

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Table 250-4 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.

Type	• f
	  • value: 0
	  • displayed: F
	• g
	  • value: 1
	  • displayed: G
	• d
	  • value: 2
	  • displayed: D
	• e
	  • value: 3
	  • displayed: E
	• b
	  • value: 4
	  • displayed: B
	• c
	  • value: 5
	  • displayed: C
	• a
	  • value: 6
	  • displayed: A
	• n
	  • value: 7
	  • displayed: N
	• l
	  • value: 8
	  • displayed: L
	• m
	  • value: 9
	  • displayed: M
	• j
	  • value: 10
	  • displayed: J
	• k
	  • value: 11
	  • displayed: K
	• h
	  • value: 12
	  • displayed: H
	• i
	  • value: 13
	  • displayed: I

Impact	noReset
Displayed(tab/group)	bandUtraTdd768
Note: The value of this parameter can be unset.	

Table 250-5 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.
Type	Integer
minimum	0
maximum	16383
Impact	noReset
Displayed(tab/group)	carrierFreq

Table 250-6 id

Name	Value
Description	RDN of the MIB object instance
Type	Integer
access	read-create
minimum	0
maximum	15
Mandatory on create	Yes
Displayed(tab/group)	id

Table 250-7 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
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	priorityOfBandUtraTdd

Table 250-8 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
Type	Integer
minimum	0
maximum	7
Impact	noReset
Displayed(tab/group)	priorityOfFreq

251 —UtraTddNeighboring

Table 251-1 id

Name	Value
Description	UtraTddNeighboring identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

252 —Vlan

Table 252-1 Vlan parameters

Parameters	
id vLanId	vLanName

Table 252-2 id

Name	Value
Description	Vlan identifier
Type	Integer
access	read-create
minimum	0
maximum	2
Mandatory on create	Yes
Displayed(tab/group)	id

Table 252-3 vLanId

Name	Value
Description	This parameter assigns the VLAN ID of the VLAN.
Type	Integer

(1 of 2)

Name	Value
minimum	2
maximum	4095
Impact	fullReset
Displayed(tab/group)	vLanId

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Table 252-4 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 (_).
Type	string
minimum	0
maximum	64
Impact	fullReset
Displayed(tab/group)	vLanName
Note: The value of this parameter can be unset.	

253 —X2AccessGroup

Table 253-1 id

Name	Value
Description	X2AccessGroup identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

254 —X2Access

Table 254-1 X2Access parameters

Parameters	
administrativeState	plmnMobileCountryCode
defaultX2TimeToWait	plmnMobileNetworkCode
directFwdPathAvailability	rdnId
id	remoteIpAddress
macroEnbId	remoteIpAddressType
macroEnbIdUntil_V2_x	x2Policy

Table 254-2 administrativeState

Name	Value

Type	• locked
	  • value: 0
	  • displayed: Locked
	• unlocked
	  • value: 1
	  • displayed: Unlocked
	• shuttingdown
	  • value: 2
	  • displayed: Shutting Down

Displayed(tab/group)	Administrative State (States)

Table 254-3 defaultX2TimeToWait

Name	Value
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)

Type	• v60s
	  • value: 0
	  • displayed: V 60 s
	• v1s
	  • value: 1
	  • displayed: V 1 s
	• v10s
	  • value: 2
	  • displayed: V 10 s
	• v5s
	  • value: 3
	  • displayed: V 5 s
	• v20s
	  • value: 4
	  • displayed: V 20 s
	• v2s
	  • value: 5
	  • displayed: V 2 s

Default	v20s
Units	s
Impact	fullReset
Displayed(tab/group)	defaultX2TimeToWait

Table 254-4 directFwdPathAvailability

Name	Value
Description	Indicates whether or not a direct data forwarding path is available with the peer eNB. True indicates that a direct path is available.
Type	boolean
Default	true
Impact	noReset
Displayed(tab/group)	directFwdPathAvailability

Table 254-5 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
Type	string
access	read-create
minimum	1
maximum	64
Mandatory on create	Yes
Displayed(tab/group)	id

Table 254-6 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.
Type	Integer
access	read-create
minimum	0
maximum	1048575
Mandatory on create	Yes
Displayed(tab/group)	macroEnbId

Table 254-7 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.
Type	string
access	read-create
minimum	20
maximum	20
Mandatory on create	Yes
Displayed(tab/group)	macroEnbId

Table 254-8 plmnMobileCountryCode

Name	Value
Description	value identifying the country covered and helpfull to identify the target eNB

Type	• default
	  • value: 0
	  • displayed: 0 - Default
	  • not selectable
	• select
	  • value: 1
	  • displayed: Select Mobile Country Code
	  • not selectable
	• gr
	  • value: 202
	  • displayed: 202 - Greece
	• nl
	  • value: 204
	  • displayed: 204 - Netherlands
	• be
	  • value: 206
	  • displayed: 206 - Belgium
	• fr
	  • value: 208
	  • displayed: 208 - France
	• mc
	  • value: 212
	  • displayed: 212 - Monaco
	• ad
	  • value: 213
	  • displayed: 213 - Andorra
	• es
	  • value: 214
	  • displayed: 214 - Spain
	• hu
	  • value: 216
	  • displayed: 216 - Hungary
	• ba
	  • value: 218
	  • displayed: 218 - Bosnia and Herzegovina
	• hr
	  • value: 219
	  • displayed: 219 - Croatia
	• rs
	  • value: 220
	  • displayed: 220 - Serbia (Republic of)
	• it
	  • value: 222
	  • displayed: 222 - Italy
	• va
	  • value: 225
	  • displayed: 225 - Vatican City State
	• ro
	  • value: 226
	  • displayed: 226 - Romania

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Name	Value

Type (continued)	• ch
	  • value: 228
	  • displayed: 228 - Switzerland
	• cz
	  • value: 230
	  • displayed: 230 - Czech Republic
	• sk
	  • value: 231
	  • displayed: 231 - Slovakia
	• at
	  • value: 232
	  • displayed: 232 - Austria
	• gb2
	  • value: 234
	  • displayed: 234 - United Kingdom (2)
	• gb1
	  • value: 235
	  • displayed: 235 - United Kingdom (1)
	• dk
	  • value: 238
	  • displayed: 238 - Denmark
	• se
	  • value: 240
	  • displayed: 240 - Sweden
	• no
	  • value: 242
	  • displayed: 242 - Norway
	• fi
	  • value: 244
	  • displayed: 244 - Finland
	• lt
	  • value: 246
	  • displayed: 246 - Lithuania
	• lv
	  • value: 247
	  • displayed: 247 - Latvia
	• ee
	  • value: 248
	  • displayed: 248 - Estonia
	• ru
	  • value: 250
	  • displayed: 250 - Russian Federation
	• ua
	  • value: 255
	  • displayed: 255 - Ukraine
	• by
	  • value: 257
	  • displayed: 257 - Belarus
	• md
	  • value: 259
	  • displayed: 259 - Moldova
	• pl
	  • value: 260
	  • displayed: 260 - Poland

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Name	Value

Type (continued)	• de
	  • value: 262
	  • displayed: 262 - Germany
	• gi
	  • value: 266
	  • displayed: 266 - Gibraltar (UK)
	• pt
	  • value: 268
	  • displayed: 268 - Portugal
	• lu
	  • value: 270
	  • displayed: 270 - Luxembourg
	• ie
	  • value: 272
	  • displayed: 272 - Ireland
	• is
	  • value: 274
	  • displayed: 274 - Iceland
	• al
	  • value: 276
	  • displayed: 276 - Albania
	• mt
	  • value: 278
	  • displayed: 278 - Malta
	• cy
	  • value: 280
	  • displayed: 280 - Cyprus
	• ge
	  • value: 282
	  • displayed: 282 - Georgia
	• am
	  • value: 283
	  • displayed: 283 - Armenia
	• bg
	  • value: 284
	  • displayed: 284 - Bulgaria
	• tr
	  • value: 286
	  • displayed: 286 - Turkey
	• fo
	  • value: 288
	  • displayed: 288 - Faroe Islands (Denmark)
	• ak
	  • value: 289
	  • displayed: 289 - Abkhazia (Georgia)
	• gl
	  • value: 290
	  • displayed: 290 - Greenland (Denmark)
	• sm
	  • value: 292
	  • displayed: 292 - San Marino
	• si
	  • value: 293
	  • displayed: 293 - Slovenia

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Name	Value

Type (continued)	• mk
	  • value: 294
	  • displayed: 294 - Republic of Macedonia
	• li
	  • value: 295
	  • displayed: 295 - Liechtenstein
	• me
	  • value: 297
	  • displayed: 297 - Montenegro (Republic of)
	• ca
	  • value: 302
	  • displayed: 302 - Canada
	• pm
	  • value: 308
	  • displayed: 308 - Saint Pierre et Miquelon (France)
	• us1
	  • value: 310
	  • displayed: 310 - United States of America (1)
	• us2
	  • value: 311
	  • displayed: 311 - United States of America (2)
	• us3
	  • value: 312
	  • displayed: 312 - United States of America (3)
	• us4
	  • value: 313
	  • displayed: 313 - United States of America (4)
	• us5
	  • value: 314
	  • displayed: 314 - United States of America (5)
	• us6
	  • value: 315
	  • displayed: 315 - United States of America (6)
	• us7
	  • value: 316
	  • displayed: 316 - United States of America (7)
	• pr
	  • value: 330
	  • displayed: 330 - Puerto Rico (US)
	• vi
	  • value: 332
	  • displayed: 332 - United States Virgin Islands (US)
	• mx
	  • value: 334
	  • displayed: 334 - Mexico
	• jm
	  • value: 338
	  • displayed: 338 - Jamaica
	• gp
	  • value: 340
	  • displayed: 340 - Guadeloupe et Martinique (France)
	• bb
	  • value: 342
	  • displayed: 342 - Barbados

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Name	Value

Type (continued)	• ag
	  • value: 344
	  • displayed: 344 - Antigua and Barbuda
	• ky
	  • value: 346
	  • displayed: 346 - Cayman Islands (UK)
	• vg
	  • value: 348
	  • displayed: 348 - British Virgin Islands (UK)
	• bm
	  • value: 350
	  • displayed: 350 - Bermuda (UK)
	• gd
	  • value: 352
	  • displayed: 353 - Grenada
	• ms
	  • value: 354
	  • displayed: 354 - Montserrat (UK)
	• kn
	  • value: 356
	  • displayed: 356 - Saint Kitts and Nevis
	• lc
	  • value: 358
	  • displayed: 358 - Saint Lucia
	• vc
	  • value: 360
	  • displayed: 360 - Saint Vincent and the Grenadines
	• an
	  • value: 362
	  • displayed: 362 - Netherlands Antilles (Netherlands)
	• aw
	  • value: 363
	  • displayed: 363 - Aruba (Netherlands)
	• bs
	  • value: 364
	  • displayed: 364 - Bahamas
	• ai
	  • value: 365
	  • displayed: 365 - Anguilla
	• dm
	  • value: 366
	  • displayed: 366 - Dominica
	• cu
	  • value: 368
	  • displayed: 368 - Cuba
	• do
	  • value: 370
	  • displayed: 370 - Dominican Republic
	• ht
	  • value: 372
	  • displayed: 372 - Haiti
	• tt
	  • value: 374
	  • displayed: 374 - Trinidad and Tobago

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Name	Value

Type (continued)	• tc
	  • value: 376
	  • displayed: 376 - Turks and Caicos Islands (UK)
	• az
	  • value: 400
	  • displayed: 400 - Azerbaijani Republic
	• kz
	  • value: 401
	  • displayed: 401 - Kazakhstan
	• bt
	  • value: 402
	  • displayed: 402 - Bhutan
	• in1
	  • value: 404
	  • displayed: 404 - India (1)
	• in2
	  • value: 405
	  • displayed: 405 - India (2)
	• pk
	  • value: 410
	  • displayed: 410 - Pakistan
	• af
	  • value: 412
	  • displayed: 412 - Afghanistan
	• lk
	  • value: 413
	  • displayed: 413 - Sri Lanka
	• mm
	  • value: 414
	  • displayed: 414 - Myanmar
	• lb
	  • value: 415
	  • displayed: 415 - Lebanon
	• jo
	  • value: 416
	  • displayed: 416 - Jordan
	• sy
	  • value: 417
	  • displayed: 417 - Syria
	• iq
	  • value: 418
	  • displayed: 418 - Iraq
	• kw
	  • value: 419
	  • displayed: 419 - Kuwait
	• sa
	  • value: 420
	  • displayed: 420 - Saudi Arabia
	• ye
	  • value: 421
	  • displayed: 421 - Yemen
	• om
	  • value: 422
	  • displayed: 422 - Oman

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Name	Value

Type (continued)	• ps
	  • value: 423
	  • displayed: 423 - Palestine
	• ae1
	  • value: 424
	  • displayed: 424 - United Arab Emirates
	• il
	  • value: 425
	  • displayed: 425 - Israel
	• bh
	  • value: 426
	  • displayed: 426 - Bahrain
	• qa
	  • value: 427
	  • displayed: 427 - Qatar
	• mn
	  • value: 428
	  • displayed: 428 - Mongolia
	• np
	  • value: 429
	  • displayed: 429 - Nepal
	• ae2
	  • value: 430
	  • displayed: 430 - United Arab Emirates (Abu Dhabi)
	• ae3
	  • value: 431
	  • displayed: 431 - United Arab Emirates (Dubai)
	• ir
	  • value: 432
	  • displayed: 432 - Iran
	• uz
	  • value: 434
	  • displayed: 434 - Uzbekistan
	• tj
	  • value: 436
	  • displayed: 436 - Tajikistan
	• kg
	  • value: 437
	  • displayed: 437 - Kyrgyz Republic
	• tm
	  • value: 438
	  • displayed: 438 - Turkmenistan
	• jp2
	  • value: 440
	  • displayed: 440 - Japan (2)
	• jp1
	  • value: 441
	  • displayed: 441 - Japan (1)
	• kr
	  • value: 450
	  • displayed: 450 - Korea, South
	• vn
	  • value: 452
	  • displayed: 452 - Viet Nam

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Name	Value

Type (continued)	• hk
	  • value: 454
	  • displayed: 454 - Hong Kong (PRC)
	• mo
	  • value: 455
	  • displayed: 455 - Macau (PRC)
	• kh
	  • value: 456
	  • displayed: 456 - Cambodia
	• la
	  • value: 457
	  • displayed: 457 - Laos
	• cn
	  • value: 460
	  • displayed: 460 - China
	• tw
	  • value: 466
	  • displayed: 466 - Taiwan
	• kp
	  • value: 467
	  • displayed: 467 - Korea, North
	• bd
	  • value: 470
	  • displayed: 470 - Bangladesh
	• mv
	  • value: 472
	  • displayed: 472 - Maldives
	• my
	  • value: 502
	  • displayed: 502 - Malaysia
	• au
	  • value: 505
	  • displayed: 505 - Australia
	• id
	  • value: 510
	  • displayed: 510 - Indonesia
	• tl
	  • value: 514
	  • displayed: 514 - East Timor
	• ph
	  • value: 515
	  • displayed: 515 - Philippines
	• th
	  • value: 520
	  • displayed: 520 - Thailand
	• sg
	  • value: 525
	  • displayed: 525 - Singapore
	• bn
	  • value: 528
	  • displayed: 528 - Brunei Darussalam
	• nz
	  • value: 530
	  • displayed: 530 - New Zealand

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Name	Value

Type (continued)	• mp
	  • value: 534
	  • displayed: 534 - Northern Mariana Islands (US)
	• gu
	  • value: 535
	  • displayed: 535 - Guam (US)
	• nr
	  • value: 536
	  • displayed: 536 - Nauru
	• pg
	  • value: 537
	  • displayed: 537 - Papua New Guinea
	• to
	  • value: 539
	  • displayed: 539 - Tonga
	• sb
	  • value: 540
	  • displayed: 540 - Solomon Islands
	• vu
	  • value: 541
	  • displayed: 541 - Vanuatu
	• fj
	  • value: 542
	  • displayed: 542 - Fiji
	• wf
	  • value: 543
	  • displayed: 543 - Wallis et Futuna (France)
	• as
	  • value: 544
	  • displayed: 544 - American Samoa (US)
	• ki
	  • value: 545
	  • displayed: 545 - Kiribati
	• nc
	  • value: 546
	  • displayed: 546 - New Caledonia (France)
	• pf
	  • value: 547
	  • displayed: 547 - French Polynesia (France)
	• ck
	  • value: 548
	  • displayed: 548 - Cook Islands (NZ)
	• ws
	  • value: 549
	  • displayed: 549 - Samoa
	• fm
	  • value: 550
	  • displayed: 550 - Federated States of Micronesia
	• mh
	  • value: 551
	  • displayed: 551 - Marshall Islands
	• pw
	  • value: 552
	  • displayed: 552 - Palau

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Name	Value

Type (continued)	• eg
	  • value: 602
	  • displayed: 602 - Egypt
	• dz
	  • value: 603
	  • displayed: 603 - Algeria
	• ma
	  • value: 604
	  • displayed: 604 - Morocco
	• tn
	  • value: 605
	  • displayed: 605 - Tunisia
	• ly
	  • value: 606
	  • displayed: 606 - Libya
	• gm
	  • value: 607
	  • displayed: 607 - Gambia
	• sn
	  • value: 608
	  • displayed: 608 - Senegal
	• mr
	  • value: 609
	  • displayed: 609 - Mauritania
	• ml
	  • value: 610
	  • displayed: 610 - Mali
	• gn
	  • value: 611
	  • displayed: 611 - Guinea
	• ci
	  • value: 612
	  • displayed: 612 - Cote d'Ivoire
	• bf
	  • value: 613
	  • displayed: 613 - Burkina Faso
	• ne
	  • value: 614
	  • displayed: 614 - Niger
	• tg
	  • value: 615
	  • displayed: 615 - Togolese Republic
	• bj
	  • value: 616
	  • displayed: 616 - Benin
	• mu
	  • value: 617
	  • displayed: 617 - Mauritius
	• lr
	  • value: 618
	  • displayed: 618 - Liberia
	• sl
	  • value: 619
	  • displayed: 619 - Sierra Leone

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Name	Value

Type (continued)	• gh
	  • value: 620
	  • displayed: 620 - Ghana
	• ng
	  • value: 621
	  • displayed: 621 - Nigeria
	• td
	  • value: 622
	  • displayed: 622 - Chad
	• cf
	  • value: 623
	  • displayed: 623 - Central African Republic
	• cm
	  • value: 624
	  • displayed: 624 - Cameroon
	• cv
	  • value: 625
	  • displayed: 625 - Cape Verde
	• st
	  • value: 626
	  • displayed: 626 - Sao Tome and Principe
	• gq
	  • value: 627
	  • displayed: 627 - Equatorial Guinea
	• ga
	  • value: 628
	  • displayed: 628 - Gabonese Republic
	• cg
	  • value: 629
	  • displayed: 629 - Republic of the Congo
	• cd
	  • value: 630
	  • displayed: 630 - Democratic Republic of the Congo
	• ao
	  • value: 631
	  • displayed: 631 - Angola
	• gw
	  • value: 632
	  • displayed: 632 - Guinea-Bissau
	• sc
	  • value: 633
	  • displayed: 633 - Seychelles
	• sd
	  • value: 634
	  • displayed: 634 - Sudan
	• rw
	  • value: 635
	  • displayed: 635 - Rwandese Republic
	• et
	  • value: 636
	  • displayed: 636 - Ethiopia
	• so
	  • value: 637
	  • displayed: 637 - Somalia

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Name	Value

Type (continued)	• dj
	  • value: 638
	  • displayed: 638 - Djibouti
	• ke
	  • value: 639
	  • displayed: 639 - Kenya
	• tz
	  • value: 640
	  • displayed: 640 - Tanzania
	• ug
	  • value: 641
	  • displayed: 641 - Uganda
	• bi
	  • value: 642
	  • displayed: 642 - Burundi
	• mz
	  • value: 643
	  • displayed: 643 - Mozambique
	• zm
	  • value: 645
	  • displayed: 645 - Zambia
	• mg
	  • value: 646
	  • displayed: 646 - Madagascar
	• re
	  • value: 647
	  • displayed: 647 - Reunion (France)
	• zw
	  • value: 648
	  • displayed: 648 - Zimbabwe
	• na
	  • value: 649
	  • displayed: 649 - Namibia
	• mw
	  • value: 650
	  • displayed: 650 - Malawi
	• ls
	  • value: 651
	  • displayed: 651 - Lesotho
	• bw
	  • value: 652
	  • displayed: 652 - Botswana
	• sz
	  • value: 653
	  • displayed: 653 - Swaziland
	• km
	  • value: 654
	  • displayed: 654 - Comoros
	• za
	  • value: 655
	  • displayed: 655 - South Africa
	• er
	  • value: 657
	  • displayed: 657 - Eritrea

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Name	Value

Type (continued)	• bz
	  • value: 702
	  • displayed: 702 - Belize
	• gt
	  • value: 704
	  • displayed: 704 - Guatemala
	• sv
	  • value: 706
	  • displayed: 706 - El Salvador
	• hn
	  • value: 708
	  • displayed: 708 - Honduras
	• ni
	  • value: 710
	  • displayed: 710 - Nicaragua
	• cr
	  • value: 712
	  • displayed: 712 - Costa Rica
	• pa
	  • value: 714
	  • displayed: 714 - Panama
	• pe
	  • value: 716
	  • displayed: 716 - Peru
	• ar
	  • value: 722
	  • displayed: 722 - Argentine Republic
	• br
	  • value: 724
	  • displayed: 724 - Brazil
	• cl
	  • value: 730
	  • displayed: 730 - Chile
	• co
	  • value: 732
	  • displayed: 732 - Colombia
	• ve
	  • value: 734
	  • displayed: 734 - Venezuela
	• bo
	  • value: 736
	  • displayed: 736 - Bolivia
	• gy
	  • value: 738
	  • displayed: 738 - Guyana
	• ec
	  • value: 740
	  • displayed: 740 - Ecuador
	• gf
	  • value: 742
	  • displayed: 742 - French Guiana (France)
	• py
	  • value: 744
	  • displayed: 744 - Paraguay

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Name	Value

Type (continued)	• sr
	  • value: 746
	  • displayed: 746 - Suriname
	• uy
	  • value: 748
	  • displayed: 748 - Uruguay
	• fk
	  • value: 750
	  • displayed: 750 - Falkland Islands (Malvinas)

Default	select
Displayed(tab/group)	plmnMobileCountryCode

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Table 254-9 plmnMobileNetworkCode

Name	Value
Description	value identifying the operator covered and helpfull to identify the target eNB
Type	string
Default	00
minimum	2
maximum	3
Displayed(tab/group)	plmnMobileNetworkCode

Table 254-10 rdnId

Name	Value
Description	Id (rdn) attribute, identifying the X2Access object instance.
Type	Integer
access	read-create
minimum	0
maximum	31
Mandatory on create	Yes
Displayed(tab/group)	rdnId

Table 254-11 remoteIpAddress

Name	Value
Type	InetAddress
access	read-create
Default	0.0.0.0
Displayed(tab/group)	Remote IP Address

Table 254-12 remoteIpAddressType

Name	Value

Type	• unknown
	  • value: 0
	  • displayed: Unknown
	  • not selectable
	• ipv4
	  • value: 1
	  • displayed: IPv4
	• ipv6
	  • value: 2
	  • displayed: IPv6
	• ipv4z
	  • value: 3
	  • displayed: IPv4z
	  • not selectable
	• ipv6z
	  • value: 4
	  • displayed: IPv6z
	• dns
	  • value: 16
	  • displayed: DNS
	  • not selectable
	• ipv4Mcast
	  • value: 128
	  • displayed: IPv4 Multicast
	  • not selectable
	• ipv6Mcast
	  • value: 129
	  • displayed: IPv6 Multicast
	  • not selectable

access	read-create
Default	ipv4

Table 254-13 x2Policy

Name	Value
Description	X2 policy defined by the Operator

Type	• managedByEnodeB
	  • value: 0
	  • displayed: Managed By eNodeB
	• x2WhiteList
	  • value: 1
	  • displayed: X2 White list
	• x2BlackList
	  • value: 2
	  • displayed: X2 Black list
	• x2HOBlackList
	  • value: 3
	  • displayed: X2 HO Black list

Default	managedByEnodeB
Displayed(tab/group)	X2 Policy (/Automatic Neighbour Relation)

255 —X2GtpConf

Table 255-1 X2GtpConf parameters

Parameters	
endDataFwdTarget	n3Request
endFwdData	startNewPathData
endX2HoDataFwdTarget	t3Response
id	x2EchoRequestInterval

Table 255-2 endDataFwdTarget

Name	Value
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.
Type	Integer
Default	100
minimum	1
maximum	5000
Units	ms
Impact	fullReset

(1 of 2)

Name	Value
Displayed(tab/group)	endDataFwdTarget
Note: The value of this parameter can be unset.	

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Table 255-3 endFwdData

Name	Value
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.
Type	Integer
Default	100
minimum	1
maximum	5000
Units	ms
Impact	noReset
Displayed(tab/group)	endFwdData
Note: The value of this parameter can be unset.	

Table 255-4 endX2HoDataFwdTarget

Name	Value
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.
Type	Integer
Default	100
minimum	1
maximum	5000
Units	ms
Impact	noReset
Displayed(tab/group)	endX2HoDataFwdTarget
Note: The value of this parameter can be unset.	

Table 255-5 id

Name	Value
Description	X2GtpConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 255-6 n3Request

Name	Value
Description	Maximum number of attempts to send Echo Request message
Type	Integer
Default	5
minimum	1
maximum	10
Impact	fullReset
Displayed(tab/group)	n3Request

Table 255-7 startNewPathData

Name	Value
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.
Type	Integer
Default	20
minimum	0
maximum	5000
Units	ms

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Name	Value
Impact	noReset
Displayed(tab/group)	startNewPathData
Note: The value of this parameter can be unset.	

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Table 255-8 t3Response

Name	Value
Description	Timer - maximum waiting time for the eAG response to the Echo Request message sent by eNB
Type	Integer
Default	3
minimum	1
maximum	5
Units	s
Impact	fullReset
Displayed(tab/group)	t3Response

Table 255-9 x2EchoRequestInterval

Name	Value
Description	The sending interval for Echo Request messages by eNB on X2-U GTP path in use. A value of 0 disables the eNB X2-U echo request. Note that under normal circumstances this interval shall be longer than 60 seconds. Smaller values are only used for debugging and experimental purposes.
Type	Integer
Default	120
minimum	0
maximum	600
Units	s
Impact	fullReset
Displayed(tab/group)	x2EchoRequestInterval

256 —X2LoadIndicationConf

Table 256-1 X2LoadIndicationConf parameters

Parameters	
hIIPeriod id oIPeriod oIThresholdH2M oIThresholdL2M	oIThresholdX2H oIThresholdX2L rNTPPeriod rNTPThreshold

Table 256-2 hIIPeriod

Name	Value
Description	Period that UL High Interference Indication IE in X2 Load information message is sent to neighbour enb.
Type	IP address exclusively (hostname not allowed)
Default	0.5
minimum	0.02
maximum	300
Units	s
Impact	partialReset
Displayed(tab/group)	hIIPeriod

Table 256-3 id

Name	Value
Description	X2LoadIndicationConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 256-4 olPeriod

Name	Value
Description	Period that UL Interference Overload Indication IE in X2 Load information message is sent to neighbour enb.
Type	IP address exclusively (hostname not allowed)
Default	0.5
minimum	0.02
maximum	300
Units	s
Impact	partialReset
Displayed(tab/group)	olPeriod

Table 256-5 olThresholdH2M

Name	Value
Description	olThresholdX2L, olThresholdL2M, olThresholdH2M, olThresholdX2H are a set of Thresholds to set "UL Interference Overload Indication" in X2 Load information message. if RIP(Received Interference Power) level (refer to 3GPP 36.133 table 10.2.3-1) is decreased smaller than olThresholdH2M, set "UL Interference Overload Indication" to "Medium interference"; olThresholdH2M range from RTWP_LEV_000 to RTWP_LEV_511; It must be satisfied that olThresholdX2L < olThresholdL2M < olThresholdH2M <olThresholdX2H.
Type	Integer
minimum	0
maximum	511
Impact	partialReset
Displayed(tab/group)	olThresholdH2M

Table 256-6 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.
Type	Integer
minimum	0
maximum	511
Impact	partialReset
Displayed(tab/group)	oIThresholdL2M

Table 256-7 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.
Type	Integer
minimum	0
maximum	511
Impact	partialReset
Displayed(tab/group)	oIThresholdX2H

Table 256-8 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.
Type	Integer
minimum	0
maximum	511

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Name	Value
Impact	partialReset
Displayed(tab/group)	oIThresholdX2L

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Table 256-9 rNTPPeriod

Name	Value
Description	Period that Relative Narrowband Tx Power (RNTP) IE in X2 Load information message is sent to neighbour enb.
Type	IP address exclusively (hostname not allowed)
Default	0.5
minimum	0.02
maximum	300
Units	s
Impact	partialReset
Displayed(tab/group)	rNTPPeriod

Table 256-10 rNTPThreshold

Name	Value
Description	The determination of reported Relative Narrowband TX Power indication, please refer to 3GPP 36.213 5.2.1 parameter RNTPthreshold.

Type	• dBminusInfinity
	  • value: 0
	  • displayed: dB-Infinity
	• dB_11
	  • value: 1
	  • displayed: -11 dB
	• dB_10
	  • value: 2
	  • displayed: -10 dB
	• dB_9
	  • value: 3
	  • displayed: -9 dB
	• dB_8
	  • value: 4
	  • displayed: -8 dB
	• dB_7
	  • value: 5
	  • displayed: -7 dB
	• dB_6
	  • value: 6
	  • displayed: -6 dB

(1 of 2)

Name	Value

Type (continued)	• dB_5
	  • value: 7
	  • displayed: -5 dB
	• dB_4
	  • value: 8
	  • displayed: -4 dB
	• dB_3
	  • value: 9
	  • displayed: -3 dB
	• dB_2
	  • value: 10
	  • displayed: -2 dB
	• dB_1
	  • value: 11
	  • displayed: -1 dB
	• dB0
	  • value: 12
	  • displayed: 0 dB
	• dB1
	  • value: 13
	  • displayed: 1 dB
	• dB2
	  • value: 14
	  • displayed: 2 dB
	• dB3
	  • value: 15
	  • displayed: 3 dB

Impact	partialReset
Displayed(tab/group)	rNTPThreshold

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257 —X2QosConf

Table 257-1 X2QosConf parameters

Parameters	
dscpForX2Sctp id	vLanPriorityForX2Sctp

Table 257-2 dscpForX2Sctp

Name	Value
Description	Diffserv Code Point value to be used for X2-C sctp traffic.

Type	• AF13
	  • value: 0
	  • displayed: AF 13
	• AF22
	  • value: 1
	  • displayed: AF 22
	• AF31
	  • value: 2
	  • displayed: AF 31
	• AF12
	  • value: 3
	  • displayed: AF 12
	• AF21
	  • value: 4
	  • displayed: AF 21
	• AF11
	  • value: 5
	  • displayed: AF 11

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Name	Value

Type (continued)	• AF42
	  • value: 6
	  • displayed: AF 42
	• AF23
	  • value: 7
	  • displayed: AF 23
	• AF41
	  • value: 8
	  • displayed: AF 41
	• AF43
	  • value: 9
	  • displayed: AF 43
	• AF33
	  • value: 10
	  • displayed: AF 33
	• BE
	  • value: 11
	  • displayed: BE
	• AF32
	  • value: 12
	  • displayed: AF 32
	• EF
	  • value: 13
	  • displayed: EF

Default	AF41
Impact	fullReset
Displayed(tab/group)	dscpForX2Sctp
Note: The value of this parameter can be unset.	

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Table 257-3 id

Name	Value
Description	X2QosConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 257-4 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.
Type	Integer
minimum	0
maximum	7
Impact	fullReset
Displayed(tab/group)	vLanPriorityForX2Sctp
Note: The value of this parameter can be unset.	

258 —X2QosMapping

Table 258-1 X2QosMapping parameters

Parameters	
dscp id serviceProfile	serviceProfileUntil_V2_x vLanPriority

Table 258-2 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.

Type	• AF13
	  • value: 0
	  • displayed: AF 13
	• AF22
	  • value: 1
	  • displayed: AF 22
	• AF31
	  • value: 2
	  • displayed: AF 31
	• AF12
	  • value: 3
	  • displayed: AF 12
	• AF21
	  • value: 4
	  • displayed: AF 21

(1 of 2)

Name	Value

Type (continued)	• AF11
	  • value: 5
	  • displayed: AF 11
	• AF42
	  • value: 6
	  • displayed: AF 42
	• AF23
	  • value: 7
	  • displayed: AF 23
	• AF41
	  • value: 8
	  • displayed: AF 41
	• AF43
	  • value: 9
	  • displayed: AF 43
	• AF33
	  • value: 10
	  • displayed: AF 33
	• BE
	  • value: 11
	  • displayed: BE
	• AF32
	  • value: 12
	  • displayed: AF 32
	• EF
	  • value: 13
	  • displayed: EF

Impact	fullReset
Displayed(tab/group)	dscp
Note: The value of this parameter can be unset.	

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Table 258-3 id

Name	Value
Description	X2QosMapping identifier
Type	Integer
access	read-create
minimum	0
maximum	254
Mandatory on create	Yes
Displayed(tab/group)	id

Table 258-4 serviceProfile

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.
Type	Integer
Default	1
minimum	1
maximum	255
Impact	fullReset
Displayed(tab/group)	serviceProfile

Table 258-5 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.

Type	• OAM
	  • value: 0
	  • displayed: OAM
	• 6_non_GBR
	  • value: 1
	  • displayed: 6-non-GBR
	• 8_non_GBR
	  • value: 2
	  • displayed: 8-non-GBR
	• 5_non_GBR
	  • value: 3
	  • displayed: 5-non-GBR
	• 3_GBR
	  • value: 4
	  • displayed: 3-GBR
	• 7_non_GBR
	  • value: 5
	  • displayed: 7-non-GBR
	• 2_GBR
	  • value: 6
	  • displayed: 2-GBR
	• 1_GBR
	  • value: 7
	  • displayed: 1-GBR
	• 4_GBR
	  • value: 8
	  • displayed: 4-GBR
	• SCTP
	  • value: 9
	  • displayed: SCTP

(1 of 2)

Name	Value

Type (continued)	• 9_non_GBR
	  • value: 10
	  • displayed: 9-non-GBR

Impact	fullReset
Displayed(tab/group)	serviceProfile

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Table 258-6 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.
Type	Integer
minimum	0
maximum	7
Impact	fullReset
Displayed(tab/group)	vLanPriority
Note: The value of this parameter can be unset.	

259 —X2SctpLayerConf

Table 259-1 X2SctpLayerConf parameters

Parameters	
id	sctpAccessLinkFailureRetryInterval
sctpAccessAssociationMaxRetrans	sctpAccessMaxInitRetransmits
sctpAccessEstablishmentMaxRetries	sctpAccessPathMaxRetrans
sctpAccessEstablishmentRetryInterval	sctpAssocHeartbeatInterval
sctpAccessLinkFailureMaxRetries	sctpAssocLocalPort

Table 259-2 id

Name	Value
Description	X2SctpLayerConf identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 259-3 sctpAccessAssociationMaxRetrans

Name	Value
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.
Type	Integer
Default	10
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessAssociationMaxRetrans

Table 259-4 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.
Type	Integer
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessEstablishmentMaxRetries

Table 259-5 sctpAccessEstablishmentRetryInterval

Name	Value
Description	Defines the interval between retransmissions at sctp association establishment.
Type	Integer
minimum	0
maximum	1048575
Units	ms
Impact	fullReset
Displayed(tab/group)	sctpAccessEstablishmentRetryInterval

Table 259-6 sctpAccessLinkFailureMaxRetries

Name	Value
Description	Defines the maximum number of retransmissions after detection of link failure.
Type	Integer
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessLinkFailureMaxRetries

Table 259-7 sctpAccessLinkFailureRetryInterval

Name	Value
Description	Defines the interval between retransmissions after detection of link failure.
Type	Integer
minimum	0
maximum	1048575
Units	ms
Impact	fullReset
Displayed(tab/group)	sctpAccessLinkFailureRetryInterval

Table 259-8 sctpAccessMaxInitRetransmits

Name	Value
Description	This parameter defines the maximum number of retransmissions of the INIT message at SCTP association establishment.
Type	Integer
Default	8
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessMaxInitRetransmits

Table 259-9 sctpAccessPathMaxRetrans

Name	Value
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.
Type	Integer
Default	5
minimum	0
maximum	255
Impact	fullReset
Displayed(tab/group)	sctpAccessPathMaxRetrans

Table 259-10 sctpAssocHeartbeatInterval

Name	Value
Description	Heartbeat Interval timer value for the sctp entities.
Type	Integer
Default	30000
minimum	0
maximum	1048575
Units	ms
Impact	fullReset
Displayed(tab/group)	sctpAssocHeartbeatInterval

Table 259-11 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.
Type	Integer
minimum	0
maximum	65000
Impact	fullReset
Displayed(tab/group)	sctpAssocLocalPort

260 —X2Services

Table 260-1 id

Name	Value
Description	X2Services identifier
Type	Integer
access	read-create
minimum	0
maximum	1
Mandatory on create	Yes
Displayed(tab/group)	id

261 —X2TransportLayerAccess

Table 261-1 X2TransportLayerAccess parameters

Parameters	
id sctpAssocRemAddr	sctpAssocRemAddrIpv6 sctpAssocRemPort

Table 261-2 id

Name	Value
Description	X2TransportLayerAccess identifier
Type	Integer
access	read-create
minimum	0
maximum	0
Mandatory on create	Yes
Displayed(tab/group)	id

Table 261-3 sctpAssocRemAddr

Name	Value
Description	The remote IP address of the eNodeB for this SCTP association. MaxSize is 4 before v3 and 2 in v3.
Type	List (String)
Impact	partialReset
Note: The value of this parameter can be unset.	

Table 261-4 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.
Type	List (String)
Impact	partialReset
Note: The value of this parameter can be unset.	

Table 261-5 sctpAssocRemPort

Name	Value
Description	Association remote port number on MME/neighbour eNodeB for this SCTP association
Type	Integer
minimum	0
maximum	65000
Impact	fullReset
Displayed(tab/group)	sctpAssocRemPort

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

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