Alcatel-Lucent 5620

SERVICE AWARE MANAGER | RELEASE 9.0 R1

LTE ALARM REFERENCE

3HE 06507 AAAA TQZZA Edition 01

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Alcatel-Lucent License Agreement

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1.2 Customer acknowledges that Alcatel-Lucent may have encoded within the Licensed Program optional functionality and capacity (including, but not limited to, the number of equivalent nodes, delegate workstations, paths and partitions), which may be increased upon the purchase of the applicable license extensions.

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2.2 All rights, title and interest in and to the Licensed Program, other than those expressly granted to Customer herein, shall remain vested in Alcatel-Lucent or its third party suppliers. Customer shall not, and shall prevent others from copying, translating, modifying, creating derivative works, reverse engineering, decompiling, encumbering or otherwise using the Licensed Program except as specifically authorized under this Agreement. Notwithstanding the foregoing, Customer is authorized to make one copy for its archival purposes only. All appropriate copyright and other proprietary notices and legends shall be placed on all Licensed Programs supplied by Alcatel-Lucent, and Customer shall maintain and reproduce such notices on any full or partial copies made by it.

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

3.3 Upon termination of this Agreement, Customer shall return or destroy all copies of the Licensed Program. All obligations of Customer arising prior to termination, and those obligations relating to confidentiality and nonuse, shall survive termination.

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

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7.2 The foregoing provision limiting the liability of Alcatel-Lucent's employees, agents, officers and directors shall be deemed to be a trust provision, and shall be enforceable by such employees, agents, officers and directors as trust beneficiaries.

8. GENERAL

8.1 Under no circumstances shall either party be liable to the other for any failure to perform its obligations (other than the payment of any monies owing) where such failure results from causes beyond that party's reasonable control.

8.2 This Agreement constitutes the entire agreement between Alcatel-Lucent and Customer and supersedes all prior oral and written communications. All amendments shall be in writing and signed by authorized representatives of both parties.

8.3 If any provision of this Agreement is held to be invalid, illegal or unenforceable, it shall be severed and the remaining provisions shall continue in full force and effect.

8.4 The Licensed Program may contain freeware or shareware obtained by Alcatel-Lucent from a third party source. No license fee has been paid by Alcatel-Lucent for the inclusion of any such freeware or shareware, and no license fee is charged to Customer for its use. The Customer agrees to be bound by any license agreement for such freeware or shareware. CUSTOMER ACKNOWLEDGES AND AGREES THAT THE THIRD PARTY SOURCE PROVIDES NO WARRANTIES AND SHALL HAVE NO LIABILITY WHATSOEVER IN RESPECT OF CUSTOMER'S POSSESSION AND/OR USE OF THE FREEWARE OR SHAREWARE.

8.5 Alcatel-Lucent shall have the right, at its own expense and upon reasonable written notice to Customer, to periodically inspect Customer's premises and such documents as it may reasonably require, for the exclusive purpose of verifying Customer's compliance with its obligations under this Agreement.

8.6 All notices shall be sent to the parties at the addresses listed above, or to any such address as may be specified from time to time. Notices shall be deemed to have been received five days after deposit with a post office when sent by registered or certified mail, postage prepaid and receipt requested.

8.7 If the Licensed Program is being acquired by or on behalf of any unit or agency of the United States Government, the following provision shall apply: If the Licensed Program is supplied to the Department of Defense, it shall be classified as "Commercial Computer Software" and the United States Government is acquiring only "restricted rights" in the Licensed Program as defined in DFARS 227-7202-1(a) and 227.7202-3(a), or equivalent. If the Licensed Program is supplied to any other unit or agency of the United States Government, rights will be defined in Clause 52.227-19 or 52.227-14 of the FAR, or if acquired by NASA, Clause 18-52.227-86(d) of the NASA Supplement to the FAR, or equivalent. If the software was acquired under a contract subject to the October 1988 Rights in Technical Data and Computer Software regulations, use, duplication and disclosure by the Government is subject to the restrictions set forth in DFARS 252-227.7013(c)(1)(ii) 1988, or equivalent.

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8.9 No term or provision of this Agreement shall be deemed waived and no breach excused unless such waiver or consent is in writing and signed by the party claimed to have waived or consented. The waiver by either party of any right hereunder, or of the failure to perform or of a breach by the other party, shall not be deemed to be a waiver of any other right hereunder or of any other breach or failure by such other party, whether of a similar nature or otherwise.

8.10 This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario. The application of the United Nations Convention on Contracts for the International Sale of Goods is hereby expressly excluded.

Preface

The Preface provides general information about the 5620 Service Aware Manager documentation suite.

Note — You can use the Search function of Acrobat Reader (File→Search) to find a term in a PDF of this document. To refine your search, use appropriate search options (for example, search for whole words only or enable case-sensitive searching). You can also search for a term in multiple PDFs at once. For more information, see the Help for Acrobat Reader.

5620 SAM documentation suite

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

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

Table 1 5620 SAM customer documentation suite

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

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Guide	Description
5620 SAM | 5650 CPAM Installation and Upgrade Guide	The *5620 SAM | 5650 CPAM Installation and Upgrade Guide* provides OS considerations, configuration information, and procedures for the following: • installing, upgrading, and uninstalling 5620 SAM and 5650 CPAM software in standalone and redundant deployments • 5620 SAM system migration to a different system • conversion from a standalone to a redundant 5620 SAM system
5620 SAM User Guide	The *5620 SAM User Guide* provides information about using the 5620 SAM to manage the service-aware IP/MPLS network, including GUI basics, commissioning, service configuration, and policy management. The *5620 SAM User Guide* uses a task-based format. Each chapter contains: • a workflow that describes the steps for configuring and using the functionality • detailed procedures that list the configurable parameters on the associated forms 5620 SAM management information specific to LTE network elements is covered in the *5620 SAM LTE ePC User Guide* and *5620 SAM LTE RAN User Guide*. 5620 SAM management information specific to 1830 PSS network elements is covered in the *5620 SAM Optical User Guide*.
5620 SAM Parameter Guide	The *5620 SAM Parameter Guide* provides: • parameter descriptions that include value ranges and default values • parameter options and option descriptions • parameter and option dependencies • parameter mappings to the 5620 SAM-O XML equivalent property names There are dynamic links between the procedures in the *5620 SAM User Guide* and the parameter descriptions in the *5620 SAM Parameter Guide*. See Procedure 2 for more information. Parameters specific to LTE network elements are covered in the *5620 SAM LTE Parameter Reference*. Parameters specific to 1830 PSS network elements are covered in the *5620 SAM Optical Parameter Reference*.
5620 SAM Statistics Management Guide	The *5620 SAM Statistics Management Guide* provides information about how to configure performance and accounting statistics collection and how to view counters using the 5620 SAM. Network examples are included.
5620 SAM Scripts and Templates Developer Guide	The *5620 SAM Scripts and Templates Developer Guide* provides information that allows you to develop, manage, and execute CLI-based or XML-based scripts or templates. The guide is intended for developers, skilled administrators, and operators who are expected to be familiar with the following: • CLI scripting, XML, and the Velocity engine • basic scripting or programming • 5620 SAM functions

5620 SAM Troubleshooting Guide	The *5620 SAM Troubleshooting Guide* provides task-based procedures and user documentation to:
	• help resolve issues in the managed and management networks
	• identify the root cause and plan corrective action for:
	  • alarm conditions on a network object or customer service
	  • problems on customer services with no associated alarms
	• list problem scenarios, possible solutions, and tools to help check:
	  • network management LANs
	  • network management platforms and operating systems
	  • 5620 SAM client GUIs and client OSS applications
	  • 5620 SAM servers
	  • 5620 SAM databases

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Guide	Description
5620 SAM Maintenance Guide	The *5620 SAM Maintenance Guide* provides procedures for: • generating baseline information for 5620 SAM applications • performing daily, weekly, monthly, and as-required maintenance activities for 5620 SAM-managed networks
5620 SAM Integration Guide	The *5620 SAM Integration Guide* provides procedures to allow the 5620 SAM to integrate with additional components.
5620 SAM System Architecture Guide	The *5620 SAM System Architecture Guide* is intended for technology officers and network planners to increase their knowledge of the 5620 SAM software structure and components. It describes the system structure, software components, and interfaces of the 5620 SAM. In addition, 5620 SAM fault tolerance, security, and network management capabilities are discussed from an architectural perspective.
5620 SAM Supervision Module User Guide	The *5620 SAM Supervision Module User Guide* provides information about how to configure and use the web-based 5620 SAM Supervision Module for fault management and at-a-glance network element monitoring.
5620 SAM Network Element Compatibility Guide	The *5620 SAM Network Element Compatibility Guide* provides release-specific information about the compatibility of managed device features in 5620 SAM releases.
5620 SAM Release Description	The *5620 SAM Release Description* provides information about the new features associated with a 5620 SAM software release.
5620 SAM Glossary	The *5620 SAM Glossary* defines terms and acronyms used in all of the 5620 SAM documentation, including 5620 SAM LTE documentation.
5620 SAM XML OSS Interface Developer Guide	The *5620 SAM XML OSS Interface Developer Guide* provides information that allows you to: • use the 5620 SAM XML OSS interface to access network management information • learn about the information model associated with the managed network • develop OSS applications using the packaged methods, classes, data types, and objects necessary to manage 5620 SAM functions
5620 SAM LTE documentation	
5620 SAM LTE ePC User Guide	The *5620 SAM LTE ePC User Guide* describes how to discover, configure, and manage LTE ePC devices using the 5620 SAM. The guide is intended for LTE ePC network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire *5620 SAM LTE ePC User Guide* before you attempt to use the 5620 SAM in your LTE network.
5620 SAM LTE RAN User Guide	The *5620 SAM LTE RAN User Guide* describes how to discover, configure, and manage the eNodeB using the 5620 SAM. The guide is intended for LTE RAN network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire *5620 SAM LTE RAN User Guide* before you attempt to use the 5620 SAM in your LTE network.
5620 SAM LTE Parameter Reference	The *5620 SAM LTE Parameter Reference* provides a list of all LTE ePC and LTE RAN parameters supported in the 5620 SAM.
5620 SAM LTE Alarm Reference	The *5620 SAM LTE Alarm Reference* provides a list of LTE ePC and LTE RAN alarms that can be reported in the 5620 SAM GUI.
5620 SAM 3GPP OSS Interface Developer Guide	The *5620 SAM 3GPP OSS Interface Developer Guide* describes the components and architecture of the 3GPP OSS interface to the 5620 SAM. It includes procedures and samples to assist OSS application developers to use the 3GPP interface to manage LTE devices.
5620 SAM 3GPP OSS Interface Compliance Statements	The *5620 SAM 3GPP OSS Interface Compliance Statements* document describes the compliance of the 5620 SAM 3GPP OSS interface with the 3GPP standard.
5620 SAM LTE RAN Release Description	The *5620 SAM LTE RAN Release Description* provides information about the LTE RAN features associated with the release.

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Guide	Description
5620 SAM optical documentation	
5620 SAM Optical User Guide	The *5620 SAM Optical User Guide* describes how to discover, configure, and manage optical devices using the 5620 SAM. The guide is intended for optical network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire *5620 SAM Optical User Guide* before you attempt to use the 5620 SAM in your network.
5620 SAM Optical Parameter Reference	The *5620 SAM Optical Parameter Reference* provides a list of all optical device parameters supported in the 5620 SAM.
5620 SAM Optical Alarm Reference	The *5620 SAM Optical Alarm Reference* provides a list of optical device alarms that can be reported in the 5620 SAM GUI.

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Procedure 1 To find the 5620 SAM user documentation

The user documentation is available from the following sources:

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

Note — Users of Mozilla browsers may receive an error message when using the User Documentation Index page (index.html) to open the PDF files in the 5620 SAM documentation suite. The offline storage and default cache values used by the browsers are the cause of the error message.

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

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

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

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

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

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

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

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

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

Prerequisites

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

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

Conventions

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

Table 2 Documentation conventions

Convention	Description	Example
Key name	Press a keyboard key	Delete
Italics	Identifies a variable	*hostname*

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

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Procedures with options or substeps

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

Example of options in a procedure

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

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

- **a** This is one option.
- **b** This is another option.

2 You must perform this step.

Example of substeps in a procedure

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

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

- **i** This is the first substep.
- **ii** This is the second substep.
- **iii** This is the third substep.

2 You must perform this step.

Measurement conventions

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

Table 3 lists the measurement symbols used in this document.

Table 3 Bits and bytes conventions

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

Important information

The following conventions are used to indicate important information:

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

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

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

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5620 SAM LTE alarms

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1 — Managing 5620 SAM LTE alarms

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1.2 Additional 5620 SAM LTE alarm management resources *1-3*

1.1 Managing 5620 SAM LTE alarms overview

This chapter provides an overview of 5620 SAM alarm management for both LTE ePC and RAN devices.

Alarms for network objects

The 5620 SAM converts SNMP traps from NEs to events and alarms. You can then use the 5620 SAM to correlate the events and alarms to the managed object, configured services and policies. A correlated event or alarm can cause fault conditions on multiple network objects and services. For example, an alarm raised for a port failure causes alarms on all services that use that port. You can view the alarm notification from the 5620 SAM topology maps, service configuration forms, and customer information form that lists the affected objects.

The 5620 SAM alarm-based fault management system provides the following functionality

- correlation of alarms with equipment- and service-affecting faults
- updates to the managed object operational status in near-real-time
- alarm policy control that allows a network administrator to specify how to process alarms, and how to create and store the alarm logs
- point-and-click alarm management using the 5620 SAM GUI dynamic alarm list and object properties forms
- ability to log the actions to correct the associated fault by adding notes to the alarm
- alarm history for performing trend analysis

Service problems with no associated alarms

The proper delivery of services requires a number of operations that must occur correctly at different levels within the service model. For example, an operation such as the association of packets to a service, VC labels to a service, and each service to a service tunnel must be performed successfully for the service to pass traffic according to SLAs.

Even when tunnels are operating correctly and are correctly bound to services, for example, incorrect FIB information can cause connectivity issues. You can use configurable in-band or out-of-band packet-based OAM tools to verify that a service is operational and that the FIB information is correct. Each OAM diagnostic can test each of the individual packet operations. You must test the packet operation in both directions.

For in-band, packet-based testing, the OAM packets closely resemble customer packets to effectively test the forwarding path for the customer. However, you can distinguish the OAM packets from customer packets, so they remain within the managed network and are not forwarded to the customer. For out-of-band testing, OAM packets are sent across some portion of the transport network. For example, OAM packets are sent across LSPs to test reachability.

1.2 Additional 5620 SAM LTE alarm management resources

Table 1-1 lists where to find more information about how to manage alarms, how to use alarms for troubleshooting and the location of alarm descriptions.

Table 1-1 5620 SAM LTE Alarm management resources

For information about	See
• activation, lte, lteservice, lteggsn, lteli, ltemme, and ranlicense domain alarm descriptions	Chapter 2
• eNodeB device alarms	Chapter 3
• managing LTE ePC alarms • SGW and PGW alarm management using the 5620 SAM • 9471 MME alarm management using the 5620 SAM • 5780 DSC alarm management using the 5620 SAM	*5620 SAM LTE ePC User Guide*
Troubleshooting eNodeB alarms	*5620 SAM LTE RAN User Guide*
• alarm status, severity, and aggregation • alarm thresholds • alarm suppression • correlated alarms • automatic purging of alarms • fault management using alarms	*5620 SAM User Guide*
• troubleshooting using network alarms • 5620 SAM non-LTE alarm description tables	*5620 SAM Troubleshooting Guide*
Troubleshooting 9471 MME alarms	*9471 MME Alarms Dictionary*
Fault management via OSS Interface	*5620 SAM-O OSS Interface Developer Guide*

2 — 5620 SAM LTE alarms description tables

2.1 5620 SAM LTE alarm description tables *2-2*

2.2 activation domain alarms *2-2*

2.3 lte domain alarms *2-3*

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2.1 5620 SAM LTE alarm description tables

This section describes the alarms that the 5620 SAM can raise that are relevant to LTE devices. Alarms are divided into domains, such as lte and lteservice. Table 2-1 lists the alarm domains and where to find information about the associated alarms. The tables are in alphabetical order by domain, and the alarms within each table are in alphabetical order.

Note — This section does not list eNodeB device alarms. See chapter 3 for more information about eNodeB device alarms.

The alarm name, type, and probable cause properties each have an associated numeric identifier displayed in brackets next to the property value. Numeric identifiers are unique in order to facilitate the correlation of alarm attributes to individual alarms for fault management in the 5620 SAM GUI and over OSS interface.

Table 2-1 5620 SAM LTE alarm description tables

Domain	See
activation	Table 2-2
lte	Table 2-3
lteggsn	Table 2-4
lteli	Table 2-5
ltemme	Table 2-6
lteservice	Table 2-7
ranlicense	Table 2-8

Table 1-1 lists where to find more information about how to manage alarms and how to use alarms for troubleshooting.

2.2 activation domain alarms

This section describes the activation domain alarms for the 5620 SAM activation manager.

Table 2-2 Domain: activation

Alarm	Attributes	Description
Name: ActivationSessionActiveTooLong (1153) Type: configurationAlarm (11) Probable cause: activationSessionOpen (857)	Severity: Warning Object Type (class): Session Domain: activation Implicitly cleared (self-clearing): Yes	The alarm is raised when an activation session has been active for 24 hours.

2.3 lte domain alarms

This section describes the lte domain alarms for general LTE support.

Table 2-3 Domain: lte

Alarm	Attributes	Description
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Probable cause: EPSPeerDown (602)	Severity: Major Object Type (class): AGWDiameterPeer Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Probable cause: AGWGTPPMIPPeerDown (832)	Severity: Major Object Type (class): AGWGTPPMIPPeer Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when the pathManagementState of this EPS peer is not Up.
Name: BackupRestoreApplicationLockNotObtained (1962) Type: integrityViolation (85) Probable cause: UnableToAcquireLock (949)	Severity: Warning Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm is raised when the Backup/Restore Application is unable to acquire lock. Retry the Backup/Restore Operation once the lock is released by the other application.
Name: BsCommunicationStateOffline (1264) Type: communicationsAlarm (4) Probable cause: bsCommunicationOffline (904)	Severity: Warning Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm is raised when the BS Communication State goes 'offline'. While BS communication state is 'offline' none of the SNMP properties can be set.
Name: CallTraceAlreadyActive (1279) Type: callTraceSessionAlarm (90) Probable cause: callTraceManuallyActivated (906)	Severity: Warning Object Type (class): CTg Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when a Call Trace Session is already active when the scheduled task starts. The scheduled task will not deactivate it. The Call Trace Session must to be manually deactivated. The alarm is cleared when the Call Trace session is deactivated successfully.
Name: CallTraceScheduledTaskExecutionError (1280) Type: callTraceSessionAlarm (90) Probable causes: • callTraceConfigurationError (907) • eventBasedTraceEnabled (908) • debugTraceActive (909)	Severity: Warning Object Type (class): CTg Domain: lte Implicitly cleared (self-clearing): No	The alarm is raised when the execution of a Call Trace scheduled task has a failure activating or deactivating this Call Trace session.
Name: DscPlatformLicenseKeyExpiredAlarm (1133) Type: EpcAlarm (59) Probable cause: DscPlatformLicenseKeyExpired (841)	Severity: Major Object Type (class): DynamicServicesControllerInstance Domain: lte Implicitly cleared (self-clearing): No	The alarm is raised when the DSC platform license key is expired.

(1 of 5)

Alarm	Attributes	Description
Name: DscPlatformLicenseKeyExpiringAlarm (1134) Type: EpcAlarm (59) Probable cause: DscPlatformLicenseKeyExpiring (842)	Severity: Minor Object Type (class): DynamicServicesControllerInstance Domain: lte Implicitly cleared (self-clearing): No	The alarm is raised when the DSC platform license key is expiring.
Name: DscPlatformLicenseKeyHighWaterAlarm (1135) Type: EpcAlarm (59) Probable cause: DscPlatformLicenseKeyHighWaterMarkCrossed (843)	Severity: Minor Object Type (class): DynamicServicesControllerInstance Domain: lte Implicitly cleared (self-clearing): No	The alarm is raised when the 5780 DSC license key crosses the high watermark for a specified threshold.
Name: DscPlatformLicenseKeyLowWaterAlarm (1136) Type: EpcAlarm (59) Probable cause: DscPlatformLicenseKeyLowWaterMarkCrossed (844)	Severity: Info Object Type (class): DynamicServicesControllerInstance Domain: lte Implicitly cleared (self-clearing): No	The alarm is raised when the 5780 DSC license key crosses the low watermark for a specified threshold.
Name: DscPlatformLicenseKeyThresholdReachedAlarm (1137) Type: EpcAlarm (59) Probable cause: DscPlatformLicenseKeyThresholdReached (845)	Severity: Major Object Type (class): DynamicServicesControllerInstance Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when the 5780 DSC license key reaches a specified threshold.
Name: DscServiceContainerDown (845) Type: EpcAlarm (59) Probable cause: DscServiceDown (603)	Severity: Major Object Type (class): ServiceContainer Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when a DSC service container is down.
Name: DscServiceDown (846) Type: EpcAlarm (59) Probable cause: DscServiceDown (603)	Severity: Major Object Type (class): AbstractDynamicServicesControllerMember Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when a DSC service member is down.
Name: ENBEquipmentAdminDown (1359) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an ENB Equipment Administrative State is down.
Name: ENBEquipmentDown (1360) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an ENB Equipment is operationally down.
Name: ENBEquipmentNotAvailable (1361) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an ENB Equipment is not fully available.

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Alarm	Attributes	Description
Name: EpcDown (743) Type: EpcAlarm (59) Probable cause: EpcDown (519)	Severity: Major Object Type (class): EPCGateway Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an EPC instance is operationally down but administratively up.
Name: EPSPathDrillDownFailed (847) Type: EpcAlarm (59) Probable cause: EPSPathDrillDownFailed (604)	Severity: Major Object Type (class): EPSPath Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when the drilldown of an EPS path fails.
Name: EPSPathReferencedObjectDeleted (848) Type: EpcAlarm (59) Probable cause: EPSPathReferencedObjectDeleted (605)	Severity: Major Object Type (class): EPSPathComponent Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when a referenced object is deleted.
Name: FRUAdminDown (2919) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): FRU Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an ENB Equipment Adminstrative State is down
Name: FRUDown (2920) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): FRU Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an ENB Equipment is operationally down.
Name: FRUNotAvailable (2921) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): FRU Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an ENB Equipment is not fully available.
Name: GwAcrFailuresAlarmMajor (2955) Type: communicationsAlarm (4) Probable cause: connectionDown (2)	Severity: Major Object Type (class): AgwRfPeer Domain: lte Implicitly cleared (self-clearing): No	A tmnxMobGwAcrFailuresAlarmMajor is generated when 2 ACR transmission failures occur in a 10 second interval or 5 ACR transmission failures occur in a 60 second interval to the peer.
Name: GwCdfDownAlarm (2956) Type: communicationsAlarm (4) Probable cause: connectionDown (2)	Severity: Minor Object Type (class): RfReferencePoint Domain: lte Implicitly cleared (self-clearing): No	A tmnxMobGwCdfDownAlarm notification is generated when both the primary and the secondary Charging Data Functions (CDFs) are down for active Rf diameter sessions
Name: GwCfCapacityAlarmMajor (2957) Type: equipmentAlarm (3) Probable cause: resourceFull (53)	Severity: Major Object Type (class): AGWReferencePoint Domain: lte Implicitly cleared (self-clearing): No	A tmnxMobGwCfCapacityAlarmMajor notification is generated when compact flash capacity reaches 95 limit.
Name: GwCfCapacityAlarmMinor (2958) Type: equipmentAlarm (3) Probable cause: resourceFull (53)	Severity: Minor Object Type (class): AGWReferencePoint Domain: lte Implicitly cleared (self-clearing): No	A tmnxMobGwCfCapacityAlarmMinor notification is generated when compact flash capacity reaches 85 limit

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Alarm	Attributes	Description
Name: LTECellAdminDown (1471) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an LTE Cell Administrative State is down.
Name: LTECellDown (1472) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an LTE Cell is operationally down.
Name: LTECellNotAvailable (1473) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an LTE Cell is not fully available.
Name: MmeAccessAdminDown (1523) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an MME Access Administrative State is down.
Name: MmeAccessDown (1524) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an MME Access is operationally down.
Name: MmeAccessNotAvailable (1525) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an MME Access is not fully available.
Name: PMCMaxResultStringBlockSizeNotOptimum (2922) Type: performanceOptimization (97) Probable cause: wrongValue (1120)	Severity: Warning Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm is rasised when the PM maximum block size that will be transferred in one SNMP request is set to a value less than an optimum value of 6000 bytes. NOTE that the node's default value can be lower than 6000 bytes.
Name: SoftwareUpgradeOperationNotAttempted (1963) Type: communicationsAlarm (4) Probable cause: bsCommunicationOffline (904)	Severity: Warning Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm is raised when the BS Communication State goes 'offline'. While BS communication state is 'offline' none of the Software Upgrade Operations can be attempted
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Probable cause: networkDegradation (204)	Severity: Major Object Type (class): EPSPath Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.
Name: UpgradeApplicationLockNotObtained (1964) Type: integrityViolation (85) Probable cause: UnableToAcquireLock (949)	Severity: Warning Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm is raised when the Software Upgrade Application is unable to acquire lock to start the Activate/Reject operation. Retry the Software Upgrade Operation once the lock is released by the other application.

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Alarm	Attributes	Description
Name: X2AccessAdminDown (1906) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an X2 Access Administrative State is down.
Name: X2AccessDown (1907) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an X2 Access is operationally down.
Name: X2AccessNotAvailable (1908) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Info Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an X2 Access is not fully available.

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2.4 lteggsn domain alarms

This section describes the lteggsn domain alarms for GGSN support.

Table 2-4 Domain: lteggsn

Alarm	Attributes	Description
Name: GaPeerDown (3303) Type: EpcAlarm (59) Probable cause: EPSPeerDown (602)	Severity: Major Object Type (class): GaPeer Domain: lteggsn Implicitly cleared (self-clearing): Yes	The alarm is raised when the path management state of a Ga peer changes to a state other than Up.

2.5 lteli domain alarms

This section describes the lteli domain alarms for LTE lawful intercept support.

Table 2-5 Domain: lteli

Alarm	Attributes	Description
Name: DfPeerDown (3304) Type: EpcLIAlarm (102) Probable cause: DfPeerDown (1151)	Severity: Major Object Type (class): DFPeer Domain: lteli Implicitly cleared (self-clearing): Yes	The alarm is raised on a Delivery Function that is operationally down.

2.6 ltemme domain alarms

This section describes the ltemme domain alarms for the 9471 MME. In 5620 SAM, alarms from the 9471 MME are prefixed with Mme, but otherwise map to the equivalent alarm name on the device. For example, the device alarm ATCA_AggregatePowerSensor becomes MmeATCA_AggregatePowerSensor in the 5620 SAM. See the *Alcatel-Lucent 9471 Mobility Management Entity (MME) | Release LMx.x Alarm Dictionary 418-111-208* for additional information about alarms for the 9471 MME.

Note — LTE MME alarms are provided in this document as a courtesy to assist in alarm identification and mapping. The *Alcatel-Lucent 9471 Mobility Management Entity (MME) | Release LMx.x Alarm Dictionary 418-111-208* should be considered the primary source for 9471 MME alarms.

Table 2-6 Domain: ltemme

Alarm	Attributes	Description
Name: MmeATCA_AggregatePowerSensor (850) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_AggregatePowerSensor as raised by the MME system
Name: MmeATCA_AggregateTemperatureSensor (851) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_AggregateTemperatureSensor as raised by the MME system
Name: MmeATCA_BoardPower (852) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_BoardPower as raised by the MME system
Name: MmeATCA_CPLDState (853) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_CPLDState as raised by the MME system
Name: MmeATCA_DS75Temperature (854) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_DS75Temperature as raised by the MME system
Name: MmeATCA_ExhaustTemp (855) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_ExhaustTemp as raised by the MME system

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Alarm	Attributes	Description
Name: MmeATCA_FanSpeed (856) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_FanSpeed as raised by the MME system
Name: MmeATCA_FanTrayPresence (857) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_FanTrayPresence as raised by the MME system
Name: MmeATCA_FanTraysFRU (858) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_FanTraysFRU as raised by the MME system
Name: MmeATCA_FilterPresence (859) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_FilterPresence as raised by the MME system
Name: MmeATCA_FPGATemp (2840) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_FPGATemp as raised by the MME system
Name: MmeATCA_I2CLocalBus (860) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_I2CLocalBus as raised by the MME system
Name: MmeATCA_InletTemp (862) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_InletTemp as raised by the MME system
Name: MmeATCA_IPMBLink (861) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_IPMBLink as raised by the MME system
Name: MmeATCA_LM75Temperature (863) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_LM75Temperature as raised by the MME system
Name: MmeATCA_LM83Temperature (864) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_LM83Temperature as raised by the MME system
Name: MmeATCA_LMeUC75Temperature (866) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_LMeUC75Temperature as raised by the MME system

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Alarm	Attributes	Description
Name: MmeATCA_LMUC75TopRig (865) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_LMUC75Top-Rig as raised by the MME system
Name: MmeATCA_LocalTemperature (867) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_LocalTemperature as raised by the MME system
Name: MmeATCA_m48vSensor (871) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_m48vSensor as raised by the MME system
Name: MmeATCA_MMCTemp (2841) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_MMCTemp as raised by the MME system
Name: MmeATCA_OcteonTemperature (868) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_OcteonTemperature as raised by the MME system
Name: MmeATCA_OutletTemp (2842) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_OutletTemp as raised by the MME system
Name: MmeATCA_PayloadCurrent (2843) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_PayloadCurrent as raised by the MME system
Name: MmeATCA_PayloadVoltage (869) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_PayloadVoltage as raised by the MME system
Name: MmeATCA_ShelfFRUs (870) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is ATCA_ShelfFRUs as raised by the MME system
Name: MmeLSS_acrTemporaryBufferOverload (872) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_acrTemporaryBufferOverload as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_adnsQueueCongestion (2844) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_adnsQueueCongestion as raised by the MME system
Name: MmeLSS_agcfFsdbSubscriberDownloadFailure (874) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_agcfFsdbSubscriberDownloadFailure as raised by the MME system
Name: MmeLSS_applySheddingFactor (875) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_applySheddingFactor as raised by the MME system
Name: MmeLSS_badServerAddress (2845) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_badServerAddress as raised by the MME system
Name: MmeLSS_cardConnectionLost (876) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cardConnectionLost as raised by the MME system
Name: MmeLSS_cardError (877) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cardError as raised by the MME system
Name: MmeLSS_cardStateChange (878) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cardStateChange as raised by the MME system
Name: MmeLSS_cpiAlrmCritical (879) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAlrmCritical as raised by the MME system
Name: MmeLSS_cpiAlrmMajor (880) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAlrmMajor as raised by the MME system
Name: MmeLSS_cpiAlrmMinor (881) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAlrmMinor as raised by the MME system
Name: MmeLSS_cpiAlrmWarning (882) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAlrmWarning as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_cpiAsrtEsc (883) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAsrtEsc as raised by the MME system
Name: MmeLSS_cpiAsrtNonEsc (884) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAsrtNonEsc as raised by the MME system
Name: MmeLSS_cpiAsrtNonEscCritical (885) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAsrtNonEscCritical as raised by the MME system
Name: MmeLSS_cpiAsrtNonEscMajor (886) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAsrtNonEscMajor as raised by the MME system
Name: MmeLSS_cpiAsrtNonEscMinor (887) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAsrtNonEscMinor as raised by the MME system
Name: MmeLSS_cpiAudErrCount (888) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAudErrCount as raised by the MME system
Name: MmeLSS_cpiAudManAct (889) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAudManAct as raised by the MME system
Name: MmeLSS_cpiAudNewEvent (890) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiAudNewEvent as raised by the MME system
Name: MmeLSS_cpiCompCSFBMTermSucc (2846) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiCompCSFBMTermSucc as raised by the MME system
Name: MmeLSS_cpiCompCSFBPSInfoSucc (2847) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiCompCSFBPSInfoSucc as raised by the MME system
Name: MmeLSS_cpiCompCSFBPSLocSucc (2848) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiCompCSFBPSLocSucc as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_cpiCompLocUpdateSuccMME (2849) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiCompLocUpdateSuccMME as raised by the MME system
Name: MmeLSS_cpiCompSGSAPPagingSucc (2850) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiCompSGSAPPagingSucc as raised by the MME system
Name: MmeLSS_cpiDropLocUpdateReqMME (2851) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiDropLocUpdateReqMME as raised by the MME system
Name: MmeLSS_cpiDropSS7SCTPPktsRcvd (2852) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiDropSS7SCTPPktsRcvd as raised by the MME system
Name: MmeLSS_cpiDropSS7SCTPPktsTrans (2853) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiDropSS7SCTPPktsTrans as raised by the MME system
Name: MmeLSS_cpiExceptionService (891) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiExceptionService as raised by the MME system
Name: MmeLSS_cpiFailSCTPFastRetransIncr (892) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiFailSCTPFastRetransIncr as raised by the MME system
Name: MmeLSS_cpiFailSCTPFastRetransRate (893) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiFailSCTPFastRetransRate as raised by the MME system
Name: MmeLSS_cpiFailSCTPSRTT1Incr (894) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiFailSCTPSRTT1Incr as raised by the MME system
Name: MmeLSS_cpiFailSCTPSRTT2Incr (895) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiFailSCTPSRTT2Incr as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_cpiFailSCTPT3RetransRate (896) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiFailSCTPT3RetransRate as raised by the MME system
Name: MmeLSS_cpiFileSysUsage (897) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiFileSysUsage as raised by the MME system
Name: MmeLSS_cpiGTPcResponseTOGn (898) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiGTPcResponseTOGn as raised by the MME system
Name: MmeLSS_cpiGTPcResponseTOS3 (3305) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiGTPcResponseTOS3 as raised by the MME system
Name: MmeLSS_cpiGTPcResponseTOSv (899) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiGTPcResponseTOSv as raised by the MME system
Name: MmeLSS_cpiHOfailuresFromGERANoverS3 (2854) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiHOfailuresFromGERANoverS3 as raised by the MME system
Name: MmeLSS_cpiHOfailuresFromUTRANoverS3 (2855) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiHOfailuresFromUTRANoverS3 as raised by the MME system
Name: MmeLSS_cpiHOfailuresRAUto2G3GnewSgwOverS3 (2856) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiHOfailuresRAUto2G3GnewSgwOverS3 as raised by the MME system
Name: MmeLSS_cpiHOfailuresRAUto2G3GOverS3 (3306) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiHOfailuresRAUto2G3GOverS3 as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_cpiHOfailuresRAUto2G3GsameSgwOverS3 (2857) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiHOfailuresRAUto2G3GsameSgwOverS3 as raised by the MME system
Name: MmeLSS_cpiHOFailuresTo3G2GOverGn (900) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiHOFailuresTo3G2GOverGn as raised by the MME system
Name: MmeLSS_cpiHOfailuresToGERANoverS3 (2858) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiHOfailuresToGERANoverS3 as raised by the MME system
Name: MmeLSS_cpiHOfailuresToUTRANoverS3 (2859) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiHOfailuresToUTRANoverS3 as raised by the MME system
Name: MmeLSS_cpiMafAttachFailuresSysRelated (2860) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMafAttachFailuresSysRelated as raised by the MME system
Name: MmeLSS_cpiMAFCommunicationFailureRate (3307) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMAFCommunicationFailureRate as raised by the MME system
Name: MmeLSS_cpiMafEIRfailuresS13 (2861) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMafEIRfailuresS13 as raised by the MME system
Name: MmeLSS_cpiMafFailuresOverSGs (909) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMafFailuresOverSGs as raised by the MME system
Name: MmeLSS_cpiMafHLRAuthFail (2862) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMafHLRAuthFail as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_cpiMafServiceReqFailuresSysRelated (910) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMafServiceReqFailuresSysRelated as raised by the MME system
Name: MmeLSS_cpiMafTauFailuresInterMme (911) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMafTauFailuresInterMme as raised by the MME system
Name: MmeLSS_cpiMafTauFailuresInterMmeInterSgw (3308) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMafTauFailuresInterMmeInterSgw as raised by the MME system
Name: MmeLSS_cpiMafTauFailuresInterSgw (912) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMafTauFailuresInterSgw as raised by the MME system
Name: MmeLSS_cpiMemAllocFail (913) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiMemAllocFail as raised by the MME system
Name: MmeLSS_cpiNoPSHOFailuresOverSv (914) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiNoPSHOFailuresOverSv as raised by the MME system
Name: MmeLSS_cpiReinitServiceSelf (915) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiReinitServiceSelf as raised by the MME system
Name: MmeLSS_cpiS3TauFailures (2863) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiS3TauFailures as raised by the MME system
Name: MmeLSS_cpiS3TauFailuresInterSgw (2864) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiS3TauFailuresInterSgw as raised by the MME system
Name: MmeLSS_cpiS3TauFailuresIntraSGW (2865) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiS3TauFailuresIntraSGW as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_cpiUECapacityUsage (3309) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpiUECapacityUsage as raised by the MME system
Name: MmeLSS_cpuOverload (916) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_cpuOverload as raised by the MME system
Name: MmeLSS_databaseConnectionLost (917) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_databaseConnectionLost as raised by the MME system
Name: MmeLSS_databaseReplicationLinkDown (918) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_databaseReplicationLinkDown as raised by the MME system
Name: MmeLSS_databaseSizeExhausted (919) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_databaseSizeExhausted as raised by the MME system
Name: MmeLSS_dbHighCpuUtilization (920) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_dbHighCpuUtilization as raised by the MME system
Name: MmeLSS_dbOffline (921) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_dbOffline as raised by the MME system
Name: MmeLSS_degradedResource (922) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_degradedResource as raised by the MME system
Name: MmeLSS_degrow (923) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_degrow as raised by the MME system
Name: MmeLSS_deviceServerConnectionSocketError (924) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_deviceServerConnectionSocketError as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_deviceServerCxnLost (925) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_deviceServerCxnLost as raised by the MME system
Name: MmeLSS_diamLinkDown (926) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_diamLinkDown as raised by the MME system
Name: MmeLSS_diamMaxClientsExceeded (927) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_diamMaxClientsExceeded as raised by the MME system
Name: MmeLSS_diskGoingDown (929) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_diskGoingDown as raised by the MME system
Name: MmeLSS_diskSector (930) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_diskSector as raised by the MME system
Name: MmeLSS_dnsThreshold (932) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_dnsThreshold as raised by the MME system
Name: MmeLSS_ethernetError (933) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_ethernetError as raised by the MME system
Name: MmeLSS_ethernetLinkDown (934) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_ethernetLinkDown as raised by the MME system
Name: MmeLSS_ethernetLinkStateChange (935) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_ethernetLinkStateChange as raised by the MME system
Name: MmeLSS_externalConnectivity (936) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_externalConnectivity as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_failedAttachReqsRateExceeded (937) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedAttachReqsRateExceeded as raised by the MME system
Name: MmeLSS_failedAuthRequestsHSSRateExceeded (938) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedAuthRequestsHSSRateExceeded as raised by the MME system
Name: MmeLSS_failedAuthRequestsUERateExceeded (939) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedAuthRequestsUERateExceeded as raised by the MME system
Name: MmeLSS_failedCrDedBearerReqsRateExceeded (940) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedCrDedBearerReqsRateExceeded as raised by the MME system
Name: MmeLSS_failedDeactDedBearerReqsRateExceeded (941) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedDeactDedBearerReqsRateExceeded as raised by the MME system
Name: MmeLSS_failedDroppedDedBearerReqsRateExceeded (942) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedDroppedDedBearerReqsRateExceeded as raised by the MME system
Name: MmeLSS_failedHRPDhandoverRateExceeded (943) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedHRPDhandoverRateExceeded as raised by the MME system
Name: MmeLSS_failedNumHOFwdRelocRateExceeded (945) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedNumHOFwdRelocRateExceeded as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_failedNumHOPathSwNewSgwRateExceeded (946) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedNumHOPathSwNewSgwRateExceeded as raised by the MME system
Name: MmeLSS_failedNumHOPathSwSameSgwRateExceeded (947) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedNumHOPathSwSameSgwRateExceeded as raised by the MME system
Name: MmeLSS_failedNumHORequiredRateExceeded (948) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedNumHORequiredRateExceeded as raised by the MME system
Name: MmeLSS_failedS1MMEconnEstRateExceeded (950) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedS1MMEconnEstRateExceeded as raised by the MME system
Name: MmeLSS_failedServiceReqsRateExceeded (951) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedServiceReqsRateExceeded as raised by the MME system
Name: MmeLSS_failedTAURateExceeded (952) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedTAURateExceeded as raised by the MME system
Name: MmeLSS_failedUpdBearerReqsRateExceeded (953) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedUpdBearerReqsRateExceeded as raised by the MME system
Name: MmeLSS_failedUpdDedBearerReqsRateExceeded (954) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_failedUpdDedBearerReqsRateExceeded as raised by the MME system
Name: MmeLSS_featureLockDataReset (2866) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_featureLockDataReset as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_featureLockValidationError (955) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_featureLockValidationError as raised by the MME system
Name: MmeLSS_fqdnError (956) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_fqdnError as raised by the MME system
Name: MmeLSS_fru (957) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_fru as raised by the MME system
Name: MmeLSS_fsguiLoginSecurityAlert (959) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_fsguiLoginSecurityAlert as raised by the MME system
Name: MmeLSS_gatewayCongestion (2867) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_gatewayCongestion as raised by the MME system
Name: MmeLSS_gatewayDown (960) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_gatewayDown as raised by the MME system
Name: MmeLSS_gatewayForcedOOS (961) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_gatewayForcedOOS as raised by the MME system
Name: MmeLSS_gatewayRegistered (962) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_gatewayRegistered as raised by the MME system
Name: MmeLSS_gatewayUnreachable (2868) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_gatewayUnreachable as raised by the MME system
Name: MmeLSS_gatewayUnregistered (963) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_gatewayUnregistered as raised by the MME system
Name: MmeLSS_ggsnDnsError (3310) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_ggsnDnsError as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_globalParameterNotFound (2869) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_globalParameterNotFound as raised by the MME system
Name: MmeLSS_grow (964) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_grow as raised by the MME system
Name: MmeLSS_h248MessageBufferDepletion (965) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_h248MessageBufferDepletion as raised by the MME system
Name: MmeLSS_hostDown (966) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_hostDown as raised by the MME system
Name: MmeLSS_hostEthernetError (967) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_hostEthernetError as raised by the MME system
Name: MmeLSS_hoststateChange (968) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_hoststateChange as raised by the MME system
Name: MmeLSS_invalidGateway (2870) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_invalidGateway as raised by the MME system
Name: MmeLSS_ipmcAlert (970) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_ipmcAlert as raised by the MME system
Name: MmeLSS_llcDown (971) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_llcDown as raised by the MME system
Name: MmeLSS_logicalLinkDown (972) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_logicalLinkDown as raised by the MME system
Name: MmeLSS_logicalLinkNotFound (973) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_logicalLinkNotFound as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_maxDurationExpiredOnHRPDhandover (974) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_maxDurationExpiredOnHRPDhandover as raised by the MME system
Name: MmeLSS_memoryOverload (975) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_memoryOverload as raised by the MME system
Name: MmeLSS_mmeConnectionLost (2871) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeConnectionLost as raised by the MME system
Name: MmeLSS_mmeControllerOOS (2872) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeControllerOOS as raised by the MME system
Name: MmeLSS_mmeDnsError (2873) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeDnsError as raised by the MME system
Name: MmeLSS_mmeExternalLinkDown (976) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeExternalLinkDown as raised by the MME system
Name: MmeLSS_mmeInternalCommunicationFailure (977) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeInternalCommunicationFailure as raised by the MME system
Name: MmeLSS_mmeLiNearingCapacityLimit (2874) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeLiNearingCapacityLimit as raised by the MME system
Name: MmeLSS_mmeLinkMOStateChange (978) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeLinkMOStateChange as raised by the MME system
Name: MmeLSS_mmeNoResetAckReceived (2875) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeNoResetAckReceived as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_mmePcmdStateChange (979) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmePcmdStateChange as raised by the MME system
Name: MmeLSS_mmeSctpPathDown (2876) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeSctpPathDown as raised by the MME system
Name: MmeLSS_mmeTaiFqdnError (2877) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmeTaiFqdnError as raised by the MME system
Name: MmeLSS_mmpiEnabledBusy (980) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmpiEnabledBusy as raised by the MME system
Name: MmeLSS_mmpiEnabledIdle (981) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmpiEnabledIdle as raised by the MME system
Name: MmeLSS_mmpiLinkFailure (982) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmpiLinkFailure as raised by the MME system
Name: MmeLSS_mmpiProvisioningFailure (983) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_mmpiProvisioningFailure as raised by the MME system
Name: MmeLSS_msgQueueResource (984) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_msgQueueResource as raised by the MME system
Name: MmeLSS_nodeConfigFailure (985) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_nodeConfigFailure as raised by the MME system
Name: MmeLSS_nodeDown (986) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_nodeDown as raised by the MME system
Name: MmeLSS_nonCsAddrChannelDepletion (987) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_nonCsAddrChannelDepletion as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_numberOfTuplesInUse (999) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_numberOfTuplesInUse as raised by the MME system
Name: MmeLSS_numTOS10gtpcRateExceeded (994) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_numTOS10gtpcRateExceeded as raised by the MME system
Name: MmeLSS_numTOS11gtpcRateExceeded (995) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_numTOS11gtpcRateExceeded as raised by the MME system
Name: MmeLSS_numTOS3gtpcRateExceeded (2878) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_numTOS3gtpcRateExceeded as raised by the MME system
Name: MmeLSS_osSecInfoModificationDetected (1000) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_osSecInfoModificationDetected as raised by the MME system
Name: MmeLSS_osSecInformationMissing (1001) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_osSecInformationMissing as raised by the MME system
Name: MmeLSS_osSecUnexpectedInformation (1002) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_osSecUnexpectedInformation as raised by the MME system
Name: MmeLSS_patch (1003) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_patch as raised by the MME system
Name: MmeLSS_pdnsMySqlReplication (1004) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_pdnsMySqlReplication as raised by the MME system
Name: MmeLSS_pgwDnsError (3311) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_pgwDnsError as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_pktCorruptionDetectedViaRCCLANCheck (1005) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_pktCorruptionDetectedViaRCCLANCheck as raised by the MME system
Name: MmeLSS_platformCommandFailure (1006) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_platformCommandFailure as raised by the MME system
Name: MmeLSS_pmDataNotCollected (1138) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_pmDataNotCollected as raised by the MME system
Name: MmeLSS_pplTableConfigFailure (1007) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_pplTableConfigFailure as raised by the MME system
Name: MmeLSS_processDown (1008) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_processDown as raised by the MME system
Name: MmeLSS_processNotStarted (1009) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_processNotStarted as raised by the MME system
Name: MmeLSS_progressMarker (1010) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_progressMarker as raised by the MME system
Name: MmeLSS_provisioningInhibitedMode (1011) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_provisioningInhibitedMode as raised by the MME system
Name: MmeLSS_psosResource (1012) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_psosResource as raised by the MME system
Name: MmeLSS_restore (1013) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_restore as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_sctpEndpointInactive (2879) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_sctpEndpointInactive as raised by the MME system
Name: MmeLSS_serviceCommCxnLost (2880) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_serviceCommCxnLost as raised by the MME system
Name: MmeLSS_serviceonewayCommunication (1015) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_serviceonewayCommunication as raised by the MME system
Name: MmeLSS_sgsnDnsError (2881) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_sgsnDnsError as raised by the MME system
Name: MmeLSS_shmcEthernetError (1016) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_shmcEthernetError as raised by the MME system
Name: MmeLSS_simxml (1017) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_simxml as raised by the MME system
Name: MmeLSS_softwareAllocatedResourceOverload (1018) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_softwareAllocatedResourceOverload as raised by the MME system
Name: MmeLSS_softwareComponentStandbyNotReady (1020) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_softwareComponentStandbyNotReady as raised by the MME system
Name: MmeLSS_softwareComponentStateChange (1021) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_softwareComponentStateChange as raised by the MME system
Name: MmeLSS_svcdegrow (1022) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_svcdegrow as raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_svcgrow (1023) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_svcgrow as raised by the MME system
Name: MmeLSS_swVersionMismatch (1024) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_swVersionMismatch as raised by the MME system
Name: MmeLSS_taiFqdnError (3312) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_taiFqdnError as raised by the MME system
Name: MmeLSS_tftpDownloadCorrupt (1025) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_tftpDownloadCorrupt as raised by the MME system
Name: MmeLSS_transactionHandlerBlockDepletion (1026) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_transactionHandlerBlockDepletion as raised by the MME system
Name: MmeLSS_unAuthorizedMMEConnectionReq (2882) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_unAuthorizedMMEConnectionReq as raised by the MME system
Name: MmeLSS_upgrade (1027) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_upgrade as raised by the MME system
Name: MmeLSS_virtualClusterDown (1029) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_virtualClusterDown as raised by the MME system
Name: MmeLSS_virtualClusterStateChange (1030) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_virtualClusterStateChange as raised by the MME system
Name: MmeLSS_waitingDataBaseConnection (1031) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is LSS_waitingDataBaseConnection as raised by the MME system

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Alarm	Attributes	Description
Name: MmeRALARM_Loop (1032) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is RALARM_Loop as raised by the MME system
Name: MmeRALARM_Power (1033) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is RALARM_Power as raised by the MME system
Name: MmeSYS_BackupFailure (1034) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_BackupFailure as raised by the MME system
Name: MmeSYS_Configuration (1035) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_Configuration as raised by the MME system
Name: MmeSYS_EventQueueCapacity (1036) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_EventQueueCapacity as raised by the MME system
Name: MmeSYS_IPsecConfig (1037) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_IPsecConfig as raised by the MME system
Name: MmeSYS_LinkDown (1038) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_LinkDown as raised by the MME system
Name: MmeSYS_NotifyDisabled (1039) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_NotifyDisabled as raised by the MME system
Name: MmeSYS_NotifyLocked (1040) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_NotifyLocked as raised by the MME system
Name: MmeSYS_NumTL1MeasThresh (1041) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_NumTL1MeasThresh as raised by the MME system
Name: MmeSYS_RADIUS_TO_LDAP_FAILURE (1042) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_RADIUS_TO_LDAP_FAILURE as raised by the MME system

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Alarm	Attributes	Description
Name: MmeSYS_ROOT_ACCESS_DENIED (1043) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_ROOT_ACCESS_DENIED as raised by the MME system
Name: MmeSYS_ROOT_FTP_VIOLATION (1044) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_ROOT_FTP_VIOLATION as raised by the MME system
Name: MmeSYS_ROOT_LOGIN_VIOLATION (1045) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_ROOT_LOGIN_VIOLATION as raised by the MME system
Name: MmeSYS_ROOT_SSH_LOGIN_VIOLATION (2883) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_ROOT_SSH_LOGIN_VIOLATION as raised by the MME system
Name: MmeSYS_SNETrapOverload (1046) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_SNETrapOverload as raised by the MME system
Name: MmeSYS_SNMPAuthenticationFailure (1047) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_SNMPAuthenticationFailure as raised by the MME system
Name: MmeSYS_SNMPFailure (1048) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_SNMPFailure as raised by the MME system
Name: MmeSYS_SU_TO_ROOT_FAILURE (1049) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_SU_TO_ROOT_FAILURE as raised by the MME system
Name: MmeSYS_SYSTEMTrapOverload (1050) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_SYSTEMTrapOverload as raised by the MME system
Name: MmeSYS_TestAlarm (2884) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_TestAlarm as raised by the MME system

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Alarm	Attributes	Description
Name: MmeSYS_ThresholdCrossed (1051) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_ThresholdCrossed as raised by the MME system
Name: MmeSYS_UndiscoveredObject (2885) Type: mmeAlarm (77) Probable cause: mmeUnspecifiedReason (607)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): Yes	This alarm is SYS_UndiscoveredObject as raised by the MME system
Name: MmeUnknownAlarm (1052) Type: mmeAlarm (77) Probable causes: various	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown alarm is received from the MME system.
Name: MmeUnknownCommunicationsAlarm (1053) Type: communicationsAlarm (4) Probable cause: UnspecifiedReason (803)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown communications alarm is received from the MME system.
Name: MmeUnknownEnvironmentalAlarm (1054) Type: environmentalAlarm (2) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown environmental alarm is received from the MME system.
Name: MmeUnknownEquipmentAlarm (1055) Type: equipmentAlarm (3) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown equipment alarm is received from the MME system.
Name: MmeUnknownIntegrityViolationAlarm (1056) Type: integrityViolationAlarm (78) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown integrity violation alarm is received from the MME system.
Name: MmeUnknownOperationalViolationAlarm (1057) Type: operationalViolationAlarm (79) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown operational alarm is received from the MME system.
Name: MmeUnknownPhysicalViolationAlarm (1058) Type: physicalViolationAlarm (80) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown physical violation alarm is received from the MME system.
Name: MmeUnknownProcessingErrorAlarm (1059) Type: processingErrorAlarm (81) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown processing error alarm is received from the MME system.
Name: MmeUnknownQualityOfServiceAlarm (1060) Type: qualityOfServiceAlarm (82) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown quality of service alarm is received from the MME system.

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Alarm	Attributes	Description
Name: MmeUnknownSecurityServiceOrMechanismViolationAlarm (1061) Type: securityServiceOrMechanismViolationAlarm (83) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown mechanical violation alarm is received from the MME system.
Name: MmeUnknownTimeDomainViolationAlarm (1062) Type: timeDomainViolationAlarm (84) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): MmeAlarmEntry Domain: ltemme Implicitly cleared (self-clearing): No	The alarm is raised when an unknown time domain violation alarm is received from the MME system.

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2.7 lteservice domain alarms

This section describes the 5620 SAM lteservice domain alarms.

Table 2-7 Domain: lteservice

Alarm	Attributes	Description
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Probable cause: EpcDown (519)	Severity: Minor Object Type (class): MobileServiceConnector Domain: lteservice Implicitly cleared (self-clearing): Yes	The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.
Name: MobileSiteDown (1065) Type: EpcAlarm (59) Probable cause: EpcDown (519)	Severity: Minor Object Type (class): MobileServiceSite Domain: lteservice Implicitly cleared (self-clearing): Yes	The alarm is raised when the 5620 SAM no longer manages the EPS gateway instance of this mobile service site. As a result, the service must be regenerated.
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Probable cause: networkDegradation (204)	Severity: Major Object Type (class): MobileService Domain: lteservice Implicitly cleared (self-clearing): Yes	The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.

2.8 ranlicense alarms

This section describes the ranlicense domain alarms for the feature and capacity licensing with the 5620 SAM RAN license manager.

Table 2-8 Domain: ranlicense

Alarm	Attributes	Description
Name: firstExpirationThresholdCrossed (2907) Type: configurationAlarm (11) Probable cause: ageingLicense (1113)	Severity: Minor Object Type (class): RANLicense Domain: ranlicense Implicitly cleared (self-clearing): Yes	The alarm is raised when First Expiration Threshold is crossed.
Name: firstUsageThresholdCrossed (2908) Type: configurationAlarm (11) Probable cause: insufficientPurchasedLicenses (1114)	Severity: Minor Object Type (class): RANLicense Domain: ranlicense Implicitly cleared (self-clearing): Yes	The alarm is raised when First Usage Threshold is crossed.
Name: globalLicenseViolation (2909) Type: configurationAlarm (11) Probable cause: atLeastOneLicenseInViolation (1115)	Severity: Critical Object Type (class): RANLicenseManager Domain: ranlicense Implicitly cleared (self-clearing): Yes	The alarm is raised when at least one License is in violation.
Name: ignoreUnknownImportedLicenses (2910) Type: configurationAlarm (11) Probable cause: licenseMappingFileNotAlignedWithImported File (1116)	Severity: Major Object Type (class): RANLicenseManager Domain: ranlicense Implicitly cleared (self-clearing): Yes	The alarm is raised when imported licenses are not known (compared to the mapping license file) by the system.
Name: licenseExpiration (2911) Type: configurationAlarm (11) Probable cause: licenseExpired (1117)	Severity: Variable or indeterminate Object Type (class): RANLicense Domain: ranlicense Implicitly cleared (self-clearing): Yes	The alarm is raised when License is expired. Severity is critical if license is used else it is major.
Name: licenseViolation (2912) Type: configurationAlarm (11) Probable cause: noMoreTokens (1118)	Severity: Critical Object Type (class): RANLicense Domain: ranlicense Implicitly cleared (self-clearing): Yes	The alarm is raised when License is in violation because no more tokens are available.
Name: secondExpirationThresholdCrossed (2913) Type: configurationAlarm (11) Probable cause: ageingLicense (1113)	Severity: Major Object Type (class): RANLicense Domain: ranlicense Implicitly cleared (self-clearing): Yes	The alarm is raised when Second Expiration Threshold is crossed.
Name: secondUsageThresholdCrossed (2914) Type: configurationAlarm (11) Probable cause: insufficientPurchasedLicenses (1114)	Severity: Major Object Type (class): RANLicense Domain: ranlicense Implicitly cleared (self-clearing): Yes	The alarm is raised when Second Usage Threshold is crossed.

3 — eNodeB alarm descriptions

3.1 5620 SAM eNodeB alarm reference overview *3-2*

3.2 Supported eNodeB alarms and events *3-2*

3.1 5620 SAM eNodeB alarm reference overview

This section describes the device alarms that the 5620 SAM can raise for the eNodeB. This section does not include RAN-specific alarms that exist only in the 5620 SAM, such as eNodeB license alarms and alarms on service objects. See chapter 2 for more information about other alarms in the LTE domain. See the *Alcatel-Lucent 9412 eNodeB | Release LAx.x Alarms and Events Reference Guide 418-000-034* for more information about eNodeB device alarms and events.

Alarms assist with network troubleshooting and have varying levels of severity. Events notify operators of actions in the network and have a severity value of notApplicable. The following information is listed for eNodeB alarms and events:

- name
- InfoKey number
- 5620 SAM ID
- type
- type ID
- severity
- object type (class)
- default probable cause
- default probable cause ID
- implicitly cleared
- supported releases
- description
- impact
- remedial action

Note — The 5620 SAM ID uniquely identifies alarms and events in the 5620 SAM alarm schema, GUI, and over OSS interface.

3.2 Supported eNodeB alarms and events

This section describes the eNodeB alarms and events supported by the 5620 SAM. All alarms and events for all versions of the eNodeB are listed in this section.

IK4001001 TMA UNREADABLE MANUFACTURER DATA

Table 3-1 General information

Alarm	Attributes	Supported releases
Name: TMA UNREADABLE MANUFACTURER DATA InfoKey number: IK4001001 5620 SAM ID: 2122 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure to read the TMA manufacturer data record.		
Impact: The TMA is out of service.		
Remedial action: Check the TMA or the AISG communication bus		

IK4001002 TMA ALARM MINOR SUB1

Table 3-2 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB1 InfoKey number: IK4001002 5620 SAM ID: 2123 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001003 TMA ALARM MINOR SUB2

Table 3-3 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB2 InfoKey number: IK4001003 5620 SAM ID: 2124 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001004 TMA ALARM MINOR SUB3

Table 3-4 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB3 InfoKey number: IK4001004 5620 SAM ID: 2125 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001005 TMA ALARM MINOR SUB4

Table 3-5 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB4 InfoKey number: IK4001005 5620 SAM ID: 2126 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001006 TMA ALARM MINOR SUB5

Table 3-6 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB5 InfoKey number: IK4001006 5620 SAM ID: 2127 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001007 TMA ALARM MINOR SUB6

Table 3-7 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB6 InfoKey number: IK4001007 5620 SAM ID: 2128 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001008 TMA ALARM MAJOR SUB1

Table 3-8 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB1 InfoKey number: IK4001008 5620 SAM ID: 2129 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001009 TMA ALARM MAJOR SUB2

Table 3-9 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB2 InfoKey number: IK4001009 5620 SAM ID: 2130 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001010 TMA ALARM MAJOR SUB3

Table 3-10 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB3 InfoKey number: IK4001010 5620 SAM ID: 2131 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001011 TMA ALARM MAJOR SUB4

Table 3-11 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB4 InfoKey number: IK4001011 5620 SAM ID: 2132 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001012 TMA ALARM MAJOR SUB5

Table 3-12 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB5 InfoKey number: IK4001012 5620 SAM ID: 2133 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001013 TMA ALARM MAJOR SUB6

Table 3-13 General information

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB6 InfoKey number: IK4001013 5620 SAM ID: 2134 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

IK4001014 TMA ALD UNIT SUPPORT WRONG AISG VERSION

Table 3-14 General information

Alarm	Attributes	Supported releases
Name: TMA ALD UNIT SUPPORT WRONG AISG VERSION InfoKey number: IK4001014 5620 SAM ID: 2135 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the ALD unit does not support AISG version 2.0.		
Impact: The TMA is out of service.		
Remedial action: Upgrade the TMA software or replace it with an AISG v2.0 unit.		

IK4001015 TMA LOSS OF COMM

Table 3-15 General information

Alarm	Attributes	Supported releases
Name: TMA LOSS OF COMM InfoKey number: IK4001015 5620 SAM ID: 2136 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: communicationsSubsystemFailure Default probable cause ID: 915 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the RFM that acts as an AISG Controller has lost communication to the TMA unit.		
Impact: Loss of alarm reporting by the TMA		
Remedial action: Reset the ASIG-host RFM, inspect and repair the AISG bus, or replace the TMA.		

IK4001016 TMA FAULT 1

Table 3-16 General information

Alarm	Attributes	Supported releases
Name: TMA FAULT 1 InfoKey number: IK4001016 5620 SAM ID: 2959 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4001017 TMA FAULT 2

Table 3-17 General information

Alarm	Attributes	Supported releases
Name: TMA FAULT 2 InfoKey number: IK4001017 5620 SAM ID: 2960 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4001018 TMA FAULT 3

Table 3-18 General information

Alarm	Attributes	Supported releases
Name: TMA FAULT 3 InfoKey number: IK4001018 5620 SAM ID: 2961 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4001019 TMA FAULT 4

Table 3-19 General information

Alarm	Attributes	Supported releases
Name: TMA FAULT 4 InfoKey number: IK4001019 5620 SAM ID: 2962 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4001020 TMA FAULT 5

Table 3-20 General information

Alarm	Attributes	Supported releases
Name: TMA FAULT 5 InfoKey number: IK4001020 5620 SAM ID: 2963 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4001021 TMA HW FAILURE

Table 3-21 General information

Alarm	Attributes	Supported releases
Name: TMA HW FAILURE InfoKey number: IK4001021 5620 SAM ID: 2964 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a general TMA HW failure.		
Impact: The TMA is out of service.		
Remedial action: Replace the TMA.		

IK4001022 TMA BYPASS MODE

Table 3-22 General information

Alarm	Attributes	Supported releases
Name: TMA BYPASS MODE InfoKey number: IK4001022 5620 SAM ID: 2965 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that TMA is in bypass mode and is not providing RF gain.		
Impact: The TMA is out of service.		
Remedial action: If TMA fault is present then replace TMA, otherwise set TMA to Bypass Off (when supported).		

IK4002001 AMR INIT FAILURE

Table 3-23 General information

Alarm	Attributes	Supported releases
Name: AMR INIT FAILURE InfoKey number: IK4002001 5620 SAM ID: 2137 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to initialize the RF cabinet alarm module.		
Impact: The RF module is out of service.		
Remedial action: Check the cabling between TRDU and AMR. If the alarm persists, reset one or more of the TRDUs, or replace the AMR.		

IK4002002 AMR COMM FAIL

Table 3-24 General information

Alarm	Attributes	Supported releases
Name: AMR COMM FAIL InfoKey number: IK4002002 5620 SAM ID: 2138 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the loss of communication with RF cabinet Alarm Module.		
Impact: The RF module is out of service.		
Remedial action: Check the cabling between TRDU and AMR. If the alarm persists, reset one or more of the TRDUs, or replace the AMR.		

IK4002003 AMR UNREADABLE MANUFACTURER DATA

Table 3-25 General information

Alarm	Attributes	Supported releases
Name: AMR UNREADABLE MANUFACTURER DATA InfoKey number: IK4002003 5620 SAM ID: 2139 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to read the RF cabinet alarm module manufacturer data.		
Impact: The RF module is out of service.		
Remedial action: Check the cabling between TRDU and AMR. If the alarm persists, reset one or more of the TRDUs, or replace the AMR.		

IK4002004 AMR FAN ALARM

Table 3-26 General information

Alarm	Attributes	Supported releases
Name: AMR FAN ALARM InfoKey number: IK4002004 5620 SAM ID: 2140 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the RF cabinet fan is out of service.		
Impact: The RF cabinet components may fail due to overheating.		
Remedial action: Replace the fan of the RF cabinet.		

IK4002005 AMR DOOR ALARM

Table 3-27 General information

Alarm	Attributes	Supported releases
Name: AMR DOOR ALARM InfoKey number: IK4002005 5620 SAM ID: 2141 Type: environmentalAlarm Alarm type ID: 2	Severity: minor Object type (class): AMR Default probable cause: enclosureDoorOpen Default probable cause ID: 900 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the RF cabinet door is open.		
Impact: The RF cabinet equipment is accessible and easily tampered. No immediate impact on call processing.		
Remedial action: Close the cabinet door.		

IK4002006 AMR OVER TEMP

Table 3-28 General information

Alarm	Attributes	Supported releases
Name: AMR OVER TEMP InfoKey number: IK4002006 5620 SAM ID: 2142 Type: environmentalAlarm Alarm type ID: 2	Severity: major Object type (class): AMR Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the RF cabinet temperature is above the safe operating temperature.		
Impact: The RF cabinet components may fail due to overheating.		
Remedial action: Check the cabinet for proper functioning fans and clean air filters. Check if the ambient temperature is within the recommended operating range.		

IK4002007 AMR FAF

Table 3-29 General information

Alarm	Attributes	Supported releases
Name: AMR FAF InfoKey number: IK4002007 5620 SAM ID: 2143 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the RF cabinet filter airflow is reduced.		
Impact: The RF cabinet components may fail due to overheating.		
Remedial action: Replace the fresh air filter.		

IK4002008 AMR_EXTERNAL_CONTACT_CHANGE_1

Table 3-30 General information

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_1 InfoKey number: IK4002008 5620 SAM ID: 2144 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

IK4002009 AMR_EXTERNAL_CONTACT_CHANGE_2

Table 3-31 General information

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_2 InfoKey number: IK4002009 5620 SAM ID: 2145 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

IK4002010 AMR_EXTERNAL_CONTACT_CHANGE_3

Table 3-32 General information

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_3 InfoKey number: IK4002010 5620 SAM ID: 2146 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

IK4002011 AMR_EXTERNAL_CONTACT_CHANGE_4

Table 3-33 General information

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_4 InfoKey number: IK4002011 5620 SAM ID: 2147 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

IK4002012 AMR_EXTERNAL_CONTACT_CHANGE_5

Table 3-34 General information

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_5 InfoKey number: IK4002012 5620 SAM ID: 2148 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

IK4002013 AMR_EXTERNAL_CONTACT_CHANGE_6

Table 3-35 General information

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_6 InfoKey number: IK4002013 5620 SAM ID: 2149 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

IK4002014 AMR_EXTERNAL_CONTACT_CHANGE_7

Table 3-36 General information

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_7 InfoKey number: IK4002014 5620 SAM ID: 2150 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

IK4002015 AMR_EXTERNAL_CONTACT_CHANGE_8

Table 3-37 General information

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_8 InfoKey number: IK4002015 5620 SAM ID: 2151 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

IK4002016 AMR FAULT 1

Table 3-38 General information

Alarm	Attributes	Supported releases
Name: AMR FAULT 1 InfoKey number: IK4002016 5620 SAM ID: 2966 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4002017 AMR FAULT 2

Table 3-39 General information

Alarm	Attributes	Supported releases
Name: AMR FAULT 2 InfoKey number: IK4002017 5620 SAM ID: 2967 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4002018 AMR FAULT 3

Table 3-40 General information

Alarm	Attributes	Supported releases
Name: AMR FAULT 3 InfoKey number: IK4002018 5620 SAM ID: 2968 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4002019 AMR FAULT 4

Table 3-41 General information

Alarm	Attributes	Supported releases
Name: AMR FAULT 4 InfoKey number: IK4002019 5620 SAM ID: 2969 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4002020 AMR FAULT 5

Table 3-42 General information

Alarm	Attributes	Supported releases
Name: AMR FAULT 5 InfoKey number: IK4002020 5620 SAM ID: 2970 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4003003 BB INIT FAILURE

Table 3-43 General information

Alarm	Attributes	Supported releases
Name: BB INIT FAILURE InfoKey number: IK4003003 5620 SAM ID: 2152 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the BB initialization failure.		
Impact: The BB is completely or partially affected. The service impact depends on the eNodeB configuration.		
Remedial action: Reset BB. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace BB.		

IK4003008 BB LOSS OF COMM

Table 3-44 General information

Alarm	Attributes	Supported releases
Name: BB LOSS OF COMM InfoKey number: IK4003008 5620 SAM ID: 2153 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the loss of layer 3 communication to the modem.		
Impact: The module is not usable. The service impact depends on the eNodeB configuration.		
Remedial action: Check for BB connection at every stage. If the alarms persist, perform the following tasks sequentially:1. Check if BB is present in the cabinet, remove and reinsert BB.2. Replace BB.3. Check the back panel and replace CB.4. Call next level of support.		

IK4003042 BB FAULT BIST FAIL

Table 3-45 General information

Alarm	Attributes	Supported releases
Name: BB FAULT BIST FAIL InfoKey number: IK4003042 5620 SAM ID: 2154 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a Built In Self Test failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, replace if problem persist		

IK4003043 BB FAULT DOWNLOAD FAILURE

Table 3-46 General information

Alarm	Attributes	Supported releases
Name: BB FAULT DOWNLOAD FAILURE InfoKey number: IK4003043 5620 SAM ID: 2155 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a software download failure.		
Impact: No impact on eNodeB.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

IK4003044 BB OVER TEMP MAJOR

Table 3-47 General information

Alarm	Attributes	Supported releases
Name: BB OVER TEMP MAJOR InfoKey number: IK4003044 5620 SAM ID: 2156 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the modem temperature is rising to the shutdown limit.		
Impact: If the alarm persists, it will impact the LTE service on this BB.		
Remedial action: Check for proper fan operation and that the fan type is compatible with the BB type, check that DBU inlet temperature is within operating range.		

IK4003045 BB OVER TEMP CRITICAL

Table 3-48 General information

Alarm	Attributes	Supported releases
Name: BB OVER TEMP CRITICAL InfoKey number: IK4003045 5620 SAM ID: 2157 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the modem temperature is above operating range.		
Impact: LTE service is not possible on this BB.		
Remedial action: Check for proper fan operation and that the fan type is compatible with the BB type, check that DBU inlet temperature is within operating range.		

IK4003046 BB SOFTWARE FAIL

Table 3-49 General information

Alarm	Attributes	Supported releases
Name: BB SOFTWARE FAIL InfoKey number: IK4003046 5620 SAM ID: 2158 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a general platform software failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB.		

IK4003047 BB L1 SOFTWARE FAIL

Table 3-50 General information

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE FAIL InfoKey number: IK4003047 5620 SAM ID: 2159 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a Layer 1 software failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB.		

IK4003048 BB L1 HARDWARE FAIL

Table 3-51 General information

Alarm	Attributes	Supported releases
Name: BB L1 HARDWARE FAIL InfoKey number: IK4003048 5620 SAM ID: 2160 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a Layer 1 hardware failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB, replace the BB if problem persists.		

IK4003049 BB L2 SOFTWARE FAIL

Table 3-52 General information

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE FAIL InfoKey number: IK4003049 5620 SAM ID: 2161 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a Layer 2 software failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB.		

IK4003050 BB L1 SOFTWARE WARNING

Table 3-53 General information

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE WARNING InfoKey number: IK4003050 5620 SAM ID: 2162 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a Layer 1 software warning.		
Impact: No impact on eNodeB.		
Remedial action: Reset the BB in low traffic hours.		

IK4003051 BB L2 SOFTWARE WARNING

Table 3-54 General information

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE WARNING InfoKey number: IK4003051 5620 SAM ID: 2163 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a Layer 2 software warning.		
Impact: No impact on eNodeB.		
Remedial action: Reset the BB in low traffic hours.		

IK4003052 BB L2 HARDWARE FAIL

Table 3-55 General information

Alarm	Attributes	Supported releases
Name: BB L2 HARDWARE FAIL InfoKey number: IK4003052 5620 SAM ID: 2164 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a Layer 2 hardware failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB, replace the BB if problem persists.		

IK4003053 BB LOSS OF HS DATA LINK ALL

Table 3-56 General information

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK ALL InfoKey number: IK4003053 5620 SAM ID: 2165 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of high-speed data links to all BBs.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB and/or CB, if problem persists then replace the BB or CB.		

IK4003054 BB LED FAILURE

Table 3-57 General information

Alarm	Attributes	Supported releases
Name: BB LED FAILURE InfoKey number: IK4003054 5620 SAM ID: 2166 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure to control face-plate LEDs.		
Impact: No impact on eNodeB.		
Remedial action: Reset the BB in low traffic hours.		

IK4003055 BB NON CPU POWER FAILURE

Table 3-58 General information

Alarm	Attributes	Supported releases
Name: BB NON CPU POWER FAILURE InfoKey number: IK4003055 5620 SAM ID: 2167 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a BB power failure to the peripherical devices except the Ethernet switch and the P4080.		
Impact: LTE service is not provided on this BB.		
Remedial action: Replace the BB.		

IK4003056 BB HS DATA LINK SYNC FAULT

Table 3-59 General information

Alarm	Attributes	Supported releases
Name: BB HS DATA LINK SYNC FAULT InfoKey number: IK4003056 5620 SAM ID: 2168 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure to synchronize SFN to modem.		
Impact: LTE service is not provided on this BB.		
Remedial action: Reset the BB.		

IK4003057 BB L1 SOFTWARE FAIL SLICE 1

Table 3-60 General information

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE FAIL SLICE 1 InfoKey number: IK4003057 5620 SAM ID: 2169 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

IK4003058 BB L1 SOFTWARE FAIL SLICE 2

Table 3-61 General information

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE FAIL SLICE 2 InfoKey number: IK4003058 5620 SAM ID: 2170 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

IK4003059 BB L1 SOFTWARE FAIL SLICE 3

Table 3-62 General information

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE FAIL SLICE 3 InfoKey number: IK4003059 5620 SAM ID: 2171 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

IK4003060 BB L2 SOFTWARE FAIL SLICE 1

Table 3-63 General information

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE FAIL SLICE 1 InfoKey number: IK4003060 5620 SAM ID: 2172 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

IK4003061 BB L2 SOFTWARE FAIL SLICE 2

Table 3-64 General information

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE FAIL SLICE 2 InfoKey number: IK4003061 5620 SAM ID: 2173 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

IK4003062 BB L2 SOFTWARE FAIL SLICE 3

Table 3-65 General information

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE FAIL SLICE 3 InfoKey number: IK4003062 5620 SAM ID: 2174 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

IK4003063 BB L2 HARDWARE FAIL SLICE 1

Table 3-66 General information

Alarm	Attributes	Supported releases
Name: BB L2 HARDWARE FAIL SLICE 1 InfoKey number: IK4003063 5620 SAM ID: 2175 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a hardware failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB, replace the BB if problem persists.		

IK4003064 BB L2 HARDWARE FAIL SLICE 2

Table 3-67 General information

Alarm	Attributes	Supported releases
Name: BB L2 HARDWARE FAIL SLICE 2 InfoKey number: IK4003064 5620 SAM ID: 2176 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a hardware failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB, replace the BB if problem persists.		

IK4003065 BB L2 HARDWARE FAIL SLICE 3

Table 3-68 General information

Alarm	Attributes	Supported releases
Name: BB L2 HARDWARE FAIL SLICE 3 InfoKey number: IK4003065 5620 SAM ID: 2177 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a hardware failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB, replace the BB if problem persists.		

IK4003066 BB L1 SOFTWARE WARNING SLICE 1

Table 3-69 General information

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE WARNING SLICE 1 InfoKey number: IK4003066 5620 SAM ID: 2178 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

IK4003067 BB L1 SOFTWARE WARNING SLICE 2

Table 3-70 General information

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE WARNING SLICE 2 InfoKey number: IK4003067 5620 SAM ID: 2179 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

IK4003068 BB L1 SOFTWARE WARNING SLICE 3

Table 3-71 General information

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE WARNING SLICE 3 InfoKey number: IK4003068 5620 SAM ID: 2180 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

IK4003069 BB L2 SOFTWARE WARNING SLICE 1

Table 3-72 General information

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE WARNING SLICE 1 InfoKey number: IK4003069 5620 SAM ID: 2181 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

IK4003070 BB L2 SOFTWARE WARNING SLICE 2

Table 3-73 General information

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE WARNING SLICE 2 InfoKey number: IK4003070 5620 SAM ID: 2182 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

IK4003071 BB L2 SOFTWARE WARNING SLICE 3

Table 3-74 General information

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE WARNING SLICE 3 InfoKey number: IK4003071 5620 SAM ID: 2183 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

IK4003072 BB FAULT 1

Table 3-75 General information

Alarm	Attributes	Supported releases
Name: BB FAULT 1 InfoKey number: IK4003072 5620 SAM ID: 2971 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4003073 BB FAULT 2

Table 3-76 General information

Alarm	Attributes	Supported releases
Name: BB FAULT 2 InfoKey number: IK4003073 5620 SAM ID: 2972 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4003074 BB FAULT 3

Table 3-77 General information

Alarm	Attributes	Supported releases
Name: BB FAULT 3 InfoKey number: IK4003074 5620 SAM ID: 2973 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4003075 BB FAULT 4

Table 3-78 General information

Alarm	Attributes	Supported releases
Name: BB FAULT 4 InfoKey number: IK4003075 5620 SAM ID: 2974 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4003076 BB FAULT 5

Table 3-79 General information

Alarm	Attributes	Supported releases
Name: BB FAULT 5 InfoKey number: IK4003076 5620 SAM ID: 2975 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4003077 BB LOSS OF HS DATA LINK 1

Table 3-80 General information

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK 1 InfoKey number: IK4003077 5620 SAM ID: 2976 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

IK4003078 BB LOSS OF HS DATA LINK 2

Table 3-81 General information

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK 2 InfoKey number: IK4003078 5620 SAM ID: 2977 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

IK4003079 BB LOSS OF HS DATA LINK 3

Table 3-82 General information

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK 3 InfoKey number: IK4003079 5620 SAM ID: 2978 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

IK4003080 BB LOSS OF HS DATA LINK 4

Table 3-83 General information

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK 4 InfoKey number: IK4003080 5620 SAM ID: 2979 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

IK4004001 CB INIT FAILURE

Table 3-84 General information

Alarm	Attributes	Supported releases
Name: CB INIT FAILURE InfoKey number: IK4004001 5620 SAM ID: 2184 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to initialize the associated resources.		
Impact: The LTE service is not possible.		
Remedial action: Reset CB using the remote connection to NEM. If the alarm persists, replace the CB.		

IK4004002 CB OSC LOSS

Table 3-85 General information

Alarm	Attributes	Supported releases
Name: CB OSC LOSS InfoKey number: IK4004002 5620 SAM ID: 2185 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a hardware failure of the oscillator.		
Impact: The module is not usable. The eNodeB is not operational.		
Remedial action: If the alarm persists for more than a minute, replace the CB.		

IK4004009 CB FILE SYSTEM ACCESS FAILURE

Table 3-86 General information

Alarm	Attributes	Supported releases
Name: CB FILE SYSTEM ACCESS FAILURE InfoKey number: IK4004009 5620 SAM ID: 2186 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to access files in a partition of the CB file system.		
Impact: Software download is not possible.		
Remedial action: Reset the CB. If the alarm persists, replace the CB.		

IK4004011 CB FLYWHEEL CRITICAL

Table 3-87 General information

Alarm	Attributes	Supported releases
Name: CB FLYWHEEL CRITICAL InfoKey number: IK4004011 5620 SAM ID: 2187 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The timing reference source (e.g., GPS or 1588) has been unavailable for too long and timing may have drifted enough to cause RF violations.		
Impact: The LTE service is not possible.		
Remedial action: Selected timing reference source must be functional and meeting specification, else Flywheeling is triggered. Check for reference source alarms:eNodeB_4004083 GPS_RECEIVEReNodeB_4004065 GPS_1PPS_LOSSeNodeB_4004081 LOSS_OF_ESYNCeNodeB_4004079 PTP_LOSS_OF_PRIMARY_SYNC		

IK4004012 CB FLYWHEEL MAJOR

Table 3-88 General information

Alarm	Attributes	Supported releases
Name: CB FLYWHEEL MAJOR InfoKey number: IK4004012 5620 SAM ID: 2188 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The timing reference source (e.g., GPS or 1588) has been unavailable for an extended time and timing may have drifted enough.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Selected timing reference source must be functional and meeting specification, else Flywheeling is triggered. Check for reference source alarms:eNodeB_4004083 GPS_RECEIVEReNodeB_4004065 GPS_1PPS_LOSSeNodeB_4004081 LOSS_OF_ESYNCeNodeB_4004079 PTP_LOSS_OF_PRIMARY_SYNC		

IK4004013 CB FLYWHEEL MINOR

Table 3-89 General information

Alarm	Attributes	Supported releases
Name: CB FLYWHEEL MINOR InfoKey number: IK4004013 5620 SAM ID: 2189 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The timing reference source (e.g., GPS or 1588) has been unavailable for an extended time and timing may have drifted enough.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Selected timing reference source must be functional and meeting specification, else Flywheeling is triggered. Check for reference source alarms:eNodeB_4004083 GPS_RECEIVEReNodeB_4004065 GPS_1PPS_LOSSeNodeB_4004081 LOSS_OF_ESYNCeNodeB_4004079 PTP_LOSS_OF_PRIMARY_SYNC		

IK4004014 CB FLYWHEEL START

Table 3-90 General information

Alarm	Attributes	Supported releases
Name: CB FLYWHEEL START InfoKey number: IK4004014 5620 SAM ID: 2190 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The timing reference source (e.g., GPS or 1588) is not available.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Selected timing reference source must be functional and meeting specification, else Flywheeling is triggered. Check for reference source alarms:eNodeB_4004083 GPS_RECEIVEReNodeB_4004065 GPS_1PPS_LOSSeNodeB_4004081 LOSS_OF_ESYNCeNodeB_4004079 PTP_LOSS_OF_PRIMARY_SYNC		

IK4004015 CB CPU OCCUP CRITICAL

Table 3-91 General information

Alarm	Attributes	Supported releases
Name: CB CPU OCCUP CRITICAL InfoKey number: IK4004015 5620 SAM ID: 2191 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CB processor is overloaded.		
Impact: Impacts the LTE service.		
Remedial action: Check the on-going Call Trace or Dynamic Debug Trace sessions. Disable them to free up processor time. Reset CB when possible.		

IK4004016 CB CPU OCCUP MAJOR

Table 3-92 General information

Alarm	Attributes	Supported releases
Name: CB CPU OCCUP MAJOR InfoKey number: IK4004016 5620 SAM ID: 2192 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): CBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CB processor is heavily loaded.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check the on-going Call Trace or Dynamic Debug Trace sessions. Disable them.		

IK4004017 CB CPU OCCUP MINOR

Table 3-93 General information

Alarm	Attributes	Supported releases
Name: CB CPU OCCUP MINOR InfoKey number: IK4004017 5620 SAM ID: 2193 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CB processor is becoming loaded.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check the on-going Call Trace or Dynamic Debug Trace sessions. Disable them.		

IK4004018 CB TRANS LSL CPRIPORT 1

Table 3-94 General information

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 1 InfoKey number: IK4004018 5620 SAM ID: 2194 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

IK4004019 CB TRANS LSL CPRIPORT 2

Table 3-95 General information

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 2 InfoKey number: IK4004019 5620 SAM ID: 2195 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

IK4004020 CB TRANS LSL CPRIPORT 3

Table 3-96 General information

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 3 InfoKey number: IK4004020 5620 SAM ID: 2196 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

IK4004021 CB TRANS LSL CPRIPORT 4

Table 3-97 General information

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 4 InfoKey number: IK4004021 5620 SAM ID: 2197 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

IK4004022 CB TRANS LSL CPRIPORT 5

Table 3-98 General information

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 5 InfoKey number: IK4004022 5620 SAM ID: 2198 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

IK4004023 CB TRANS LSL CPRIPORT 6

Table 3-99 General information

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 6 InfoKey number: IK4004023 5620 SAM ID: 2199 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

IK4004024 CB RAI CPRIPORT 1

Table 3-100 General information

Alarm	Attributes	Supported releases
Name: CB RAI CPRIPORT 1 InfoKey number: IK4004024 5620 SAM ID: 2200 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

IK4004025 CB RAI CPRIPORT 2

Table 3-101 General information

Alarm	Attributes	Supported releases
Name: CB RAI CPRIPORT 2 InfoKey number: IK4004025 5620 SAM ID: 2201 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

IK4004026 CB RAI CPRIPORT 3

Table 3-102 General information

Alarm	Attributes	Supported releases
Name: CB RAI CPRIPORT 3 InfoKey number: IK4004026 5620 SAM ID: 2202 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

IK4004027 CB RAI CPRIPORT 4

Table 3-103 General information

Alarm	Attributes	Supported releases
Name: CB RAI CPRIPORT 4 InfoKey number: IK4004027 5620 SAM ID: 2203 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

IK4004028 CB RAI CPRIPORT 5

Table 3-104 General information

Alarm	Attributes	Supported releases
Name: CB RAI CPRIPORT 5 InfoKey number: IK4004028 5620 SAM ID: 2204 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

IK4004029 CB RAI CPRIPORT 6

Table 3-105 General information

Alarm	Attributes	Supported releases
Name: CB RAI CPRIPORT 6 InfoKey number: IK4004029 5620 SAM ID: 2205 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

IK4004030 CB LOS LOF CPRIPORT 1

Table 3-106 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRIPORT 1 InfoKey number: IK4004030 5620 SAM ID: 2206 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

IK4004031 CB LOS LOF CPRIPORT 2

Table 3-107 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRIPORT 2 InfoKey number: IK4004031 5620 SAM ID: 2207 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

IK4004032 CB LOS LOF CPRIPORT 3

Table 3-108 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRIPORT 3 InfoKey number: IK4004032 5620 SAM ID: 2208 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

IK4004033 CB LOS LOF CPRIPORT 4

Table 3-109 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRIPORT 4 InfoKey number: IK4004033 5620 SAM ID: 2209 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

IK4004034 CB LOS LOF CPRIPORT 5

Table 3-110 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRIPORT 5 InfoKey number: IK4004034 5620 SAM ID: 2210 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

IK4004035 CB LOS LOF CPRIPORT 6

Table 3-111 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRIPORT 6 InfoKey number: IK4004035 5620 SAM ID: 2211 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

IK4004036 CB TRANS TX FAILURE CPRIPORT 1

Table 3-112 General information

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRIPORT 1 InfoKey number: IK4004036 5620 SAM ID: 2212 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

IK4004037 CB TRANS TX FAILURE CPRIPORT 2

Table 3-113 General information

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRIPORT 2 InfoKey number: IK4004037 5620 SAM ID: 2213 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

IK4004038 CB TRANS TX FAILURE CPRIPORT 3

Table 3-114 General information

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRIPORT 3 InfoKey number: IK4004038 5620 SAM ID: 2214 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

IK4004039 CB TRANS TX FAILURE CPRIPORT 4

Table 3-115 General information

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRIPORT 4 InfoKey number: IK4004039 5620 SAM ID: 2215 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

IK4004040 CB TRANS TX FAILURE CPRIPORT 5

Table 3-116 General information

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRIPORT 5 InfoKey number: IK4004040 5620 SAM ID: 2216 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

IK4004041 CB TRANS TX FAILURE CPRIPORT 6

Table 3-117 General information

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRIPORT 6 InfoKey number: IK4004041 5620 SAM ID: 2217 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

IK4004042 CB TRANS RX LOS CPRIPORT 1

Table 3-118 General information

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRIPORT 1 InfoKey number: IK4004042 5620 SAM ID: 2218 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

IK4004043 CB TRANS RX LOS CPRIPORT 2

Table 3-119 General information

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRIPORT 2 InfoKey number: IK4004043 5620 SAM ID: 2219 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

IK4004044 CB TRANS RX LOS CPRIPORT 3

Table 3-120 General information

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRIPORT 3 InfoKey number: IK4004044 5620 SAM ID: 2220 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

IK4004045 CB TRANS RX LOS CPRIPORT 4

Table 3-121 General information

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRIPORT 4 InfoKey number: IK4004045 5620 SAM ID: 2221 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

IK4004046 CB TRANS RX LOS CPRIPORT 5

Table 3-122 General information

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRIPORT 5 InfoKey number: IK4004046 5620 SAM ID: 2222 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

IK4004047 CB TRANS RX LOS CPRIPORT 6

Table 3-123 General information

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRIPORT 6 InfoKey number: IK4004047 5620 SAM ID: 2223 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

IK4004048 CB SFP MISSING CPRIPORT 1

Table 3-124 General information

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRIPORT 1 InfoKey number: IK4004048 5620 SAM ID: 2980 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

IK4004049 CB SFP MISSING CPRIPORT 2

Table 3-125 General information

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRIPORT 2 InfoKey number: IK4004049 5620 SAM ID: 2981 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

IK4004050 CB SFP MISSING CPRIPORT 3

Table 3-126 General information

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRIPORT 3 InfoKey number: IK4004050 5620 SAM ID: 2982 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

IK4004051 CB SFP MISSING CPRIPORT 4

Table 3-127 General information

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRIPORT 4 InfoKey number: IK4004051 5620 SAM ID: 2983 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

IK4004052 CB SFP MISSING CPRIPORT 5

Table 3-128 General information

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRIPORT 5 InfoKey number: IK4004052 5620 SAM ID: 2984 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

IK4004053 CB SFP MISSING CPRIPORT 6

Table 3-129 General information

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRIPORT 6 InfoKey number: IK4004053 5620 SAM ID: 2985 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

IK4004054 CB SDI CPRIPORT 1

Table 3-130 General information

Alarm	Attributes	Supported releases
Name: CB SDI CPRIPORT 1 InfoKey number: IK4004054 5620 SAM ID: 2224 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

IK4004055 CB SDI CPRIPORT 2

Table 3-131 General information

Alarm	Attributes	Supported releases
Name: CB SDI CPRIPORT 2 InfoKey number: IK4004055 5620 SAM ID: 2225 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

IK4004056 CB SDI CPRIPORT 3

Table 3-132 General information

Alarm	Attributes	Supported releases
Name: CB SDI CPRIPORT 3 InfoKey number: IK4004056 5620 SAM ID: 2226 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

IK4004057 CB SDI CPRIPORT 4

Table 3-133 General information

Alarm	Attributes	Supported releases
Name: CB SDI CPRIPORT 4 InfoKey number: IK4004057 5620 SAM ID: 2227 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

IK4004058 CB SDI CPRIPORT 5

Table 3-134 General information

Alarm	Attributes	Supported releases
Name: CB SDI CPRIPORT 5 InfoKey number: IK4004058 5620 SAM ID: 2228 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

IK4004059 CB SDI CPRIPORT 6

Table 3-135 General information

Alarm	Attributes	Supported releases
Name: CB SDI CPRIPORT 6 InfoKey number: IK4004059 5620 SAM ID: 2229 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

IK4004060 CB ALL SFP MISSING

Table 3-136 General information

Alarm	Attributes	Supported releases
Name: CB ALL SFP MISSING InfoKey number: IK4004060 5620 SAM ID: 2230 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: All SFP are missing.		
Impact: Impacts the LTE service.		
Remedial action: If SFPs are present then reset CB to clear the alarm.		

IK4004061 CB ALL CPRIPORTS FAILED

Table 3-137 General information

Alarm	Attributes	Supported releases
Name: CB ALL CPRIPORTS FAILED InfoKey number: IK4004061 5620 SAM ID: 2231 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure of all CPRI ports.		
Impact: The LTE service is not possible.		
Remedial action: Reset CB using the remote connection to NEM. If the alarm persists, replace the CB.		

IK4004062 CB MEMORY USAGE CRITICAL

Table 3-138 General information

Alarm	Attributes	Supported releases
Name: CB MEMORY USAGE CRITICAL InfoKey number: IK4004062 5620 SAM ID: 2232 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the critical threshold for memory usage is crossed.		
Impact: The LTE service is not possible.		
Remedial action: Reset CB using the remote connection to NEM. Call the next level of support.		

IK4004063 CB MEMORY USAGE MAJOR

Table 3-139 General information

Alarm	Attributes	Supported releases
Name: CB MEMORY USAGE MAJOR InfoKey number: IK4004063 5620 SAM ID: 2233 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the major threshold for memory usage is crossed.		
Impact: If the alarm persists, it will impact the LTE Service.		
Remedial action: Reset CB using the remote connection to NEM. Call the next level of support.		

IK4004064 CB MEMORY USAGE MINOR

Table 3-140 General information

Alarm	Attributes	Supported releases
Name: CB MEMORY USAGE MINOR InfoKey number: IK4004064 5620 SAM ID: 2234 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the minor threshold for memory usage is crossed.		
Impact: If the alarm persists, it will impact the LTE Service.		
Remedial action: Call the next level of support.		

IK4004065 CB GPS 1PPS LOSS

Table 3-141 General information

Alarm	Attributes	Supported releases
Name: CB GPS 1PPS LOSS InfoKey number: IK4004065 5620 SAM ID: 2235 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the loss of GPS receiver 1PPS signal.		
Impact: eNodeB uses a lower priority clock reference source or goes into holdover.		
Remedial action: Check GPS signal, GPS antenna, external GPS receiver if present. If fault persist, call next level of support		

IK4004066 CB TRANS LSL BHPORT 1

Table 3-142 General information

Alarm	Attributes	Supported releases
Name: CB TRANS LSL BHPORT 1 InfoKey number: IK4004066 5620 SAM ID: 2236 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the received optical signal level is very low on the backhaul port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and SFPs at CB and RFM.		

IK4004067 CB TRANS LSL BHPORT 2

Table 3-143 General information

Alarm	Attributes	Supported releases
Name: CB TRANS LSL BHPORT 2 InfoKey number: IK4004067 5620 SAM ID: 2237 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the received optical signal level is very low on the backhaul port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and SFPs at CB and RFM.		

IK4004072 CB OSC IN WARMUP

Table 3-144 General information

Alarm	Attributes	Supported releases
Name: CB OSC IN WARMUP InfoKey number: IK4004072 5620 SAM ID: 2238 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CB timing oscillator is below its operating temperature range.		
Impact: The LTE service is not possible during the warm up of the oscillator module.		
Remedial action: Wait for the oscillator module to warm up, worst case delay is 12 minutes at -5Â°C cold start.. If the alarm persists and ambient temperature is within normal operating range then replace the CB.		

IK4004073 CB OSC OVER TEMP

Table 3-145 General information

Alarm	Attributes	Supported releases
Name: CB OSC OVER TEMP InfoKey number: IK4004073 5620 SAM ID: 2239 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the CB timing oscillator temperature is above the specification limit.		
Impact: The LTE performance is low.		
Remedial action: Check for proper fan operation and that fan is compatible with modem unit, check DBU inlet temperature is within operating range. Replace the CB if necessary.		

IK4004074 CB GEO LOC PHASE SYNC

Table 3-146 General information

Alarm	Attributes	Supported releases
Name: CB GEO LOC PHASE SYNC InfoKey number: IK4004074 5620 SAM ID: 2240 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the eNodeB clock phase alignment is insufficient to support location based service. Not supported in LA2.0.		
Impact: Impacts the location-based service.		
Remedial action: Check for GPS and Holdover alarms - Location-based service unavailable if a) GPS reference has failed b) GPS reference has been regained but phase is outside tolerance. Wait, check in hour. If alarm persists with no GPS alarms, replace CB		

IK4004075 CB SYSTEM CLOCK UNAVAILABLE

Table 3-147 General information

Alarm	Attributes	Supported releases
Name: CB SYSTEM CLOCK UNAVAILABLE InfoKey number: IK4004075 5620 SAM ID: 2241 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the system clock is not available. The alarm is applicable for 1588 system clock, syncE, GPS and external reference sources.		
Impact: Impacts the LTE service.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004076 CB LOSS OF PRIMARY REFERENCE

Table 3-148 General information

Alarm	Attributes	Supported releases
Name: CB LOSS OF PRIMARY REFERENCE InfoKey number: IK4004076 5620 SAM ID: 2242 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the primary reference source is not available.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the primary reference source.		

IK4004077 CB 1588 CLIENT INITIALIZING 1

Table 3-149 General information

Alarm	Attributes	Supported releases
Name: CB 1588 CLIENT INITIALIZING 1 InfoKey number: IK4004077 5620 SAM ID: 2243 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the 1588 client algorithm is stabilizing from a cold start-up. Not supported in LA2.0.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: If alarm continues assess the Packet delay variation on the Network Interface.		

IK4004078 CB 1588 CLIENT INITIALIZING 2

Table 3-150 General information

Alarm	Attributes	Supported releases
Name: CB 1588 CLIENT INITIALIZING 2 InfoKey number: IK4004078 5620 SAM ID: 2244 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the 1588 client algorithm is stabilizing from a cold start-up. Not supported in LA2.0.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: If alarm continues assess the Packet delay variation on the Network Interface.		

IK4004079 CB 1588 LOSS PRIMARY SERVER

Table 3-151 General information

Alarm	Attributes	Supported releases
Name: CB 1588 LOSS PRIMARY SERVER InfoKey number: IK4004079 5620 SAM ID: 2245 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the lack of ANNOUNCE messages from the primary server.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the primary server.		

IK4004080 CB 1588 LOSS SECONDARY SERVER

Table 3-152 General information

Alarm	Attributes	Supported releases
Name: CB 1588 LOSS SECONDARY SERVER InfoKey number: IK4004080 5620 SAM ID: 2246 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the lack of ANNOUNCE messages from the secondary server.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the secondary server.		

IK4004081 CB LOSS OF SYNCE

Table 3-153 General information

Alarm	Attributes	Supported releases
Name: CB LOSS OF SYNCE InfoKey number: IK4004081 5620 SAM ID: 2247 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The SyncE timing reference is not available.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: The Backhaul Node connecting to the eNB cannot supply an accurate Synchronous Ethernet clock. Check the clock source on this Backhaul Node.		

IK4004082 CB GPS ANT

Table 3-154 General information

Alarm	Attributes	Supported releases
Name: CB GPS ANT InfoKey number: IK4004082 5620 SAM ID: 2248 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a GPS antenna failure.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the GPS antenna.		

IK4004083 CB GPS RECEIVER

Table 3-155 General information

Alarm	Attributes	Supported releases
Name: CB GPS RECEIVER InfoKey number: IK4004083 5620 SAM ID: 2249 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The GPS receiver has failed and cannot provide a timing reference signal.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Ensure that eNodeB has completed initialization. Check the cable connection to the External GPS Receiver if equipped, replace receiver if necessary. If internal receiver then replace the CB.		

IK4004084 CB GPS ANT POSITION UNKNOWN

Table 3-156 General information

Alarm	Attributes	Supported releases
Name: CB GPS ANT POSITION UNKNOWN InfoKey number: IK4004084 5620 SAM ID: 2250 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure to detect the GPS antenna position.		
Impact: Impacts the location-based service.		
Remedial action: Check the position of the GPS antenna.		

IK4004091 CB LOS LOF HSIQPORT 1

Table 3-157 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 1 InfoKey number: IK4004091 5620 SAM ID: 2251 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004092 CB LOS LOF HSIQPORT 2

Table 3-158 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 2 InfoKey number: IK4004092 5620 SAM ID: 2252 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004093 CB LOS LOF HSIQPORT 3

Table 3-159 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 3 InfoKey number: IK4004093 5620 SAM ID: 2253 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004094 CB LOS LOF HSIQPORT 4

Table 3-160 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 4 InfoKey number: IK4004094 5620 SAM ID: 2254 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004095 CB LOS LOF HSIQPORT 5

Table 3-161 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 5 InfoKey number: IK4004095 5620 SAM ID: 2255 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004096 CB LOS LOF HSIQPORT 6

Table 3-162 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 6 InfoKey number: IK4004096 5620 SAM ID: 2256 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004097 CB LOS LOF HSIQPORT 7

Table 3-163 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 7 InfoKey number: IK4004097 5620 SAM ID: 2257 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004098 CB LOS LOF HSIQPORT 8

Table 3-164 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 8 InfoKey number: IK4004098 5620 SAM ID: 2258 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004099 CB LOS LOF HSIQPORT 9

Table 3-165 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 9 InfoKey number: IK4004099 5620 SAM ID: 2259 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004100 CB LOS LOF HSIQPORT 10

Table 3-166 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 10 InfoKey number: IK4004100 5620 SAM ID: 2260 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004101 CB LOS LOF HSIQPORT 11

Table 3-167 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 11 InfoKey number: IK4004101 5620 SAM ID: 2261 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004102 CB LOS LOF HSIQPORT 12

Table 3-168 General information

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 12 InfoKey number: IK4004102 5620 SAM ID: 2262 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

IK4004104 CB GPS RECEIVER COMM FAIL

Table 3-169 General information

Alarm	Attributes	Supported releases
Name: CB GPS RECEIVER COMM FAIL InfoKey number: IK4004104 5620 SAM ID: 2263 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The CB cannot communicate with the GPS receiver.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Ensure that eNodeB has completed initialization. Check the cable connection to the External GPS Receiver if equipped, replace receiver if necessary. If internal receiver then replace the CB.		

IK4004105 CB THRESHOLD CRITICAL DP 1

Table 3-170 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD CRITICAL DP 1 InfoKey number: IK4004105 5620 SAM ID: 2264 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 1 threshold crossing.		
Impact: The LTE service is not possible.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004106 CB THRESHOLD CRITICAL DP 2

Table 3-171 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD CRITICAL DP 2 InfoKey number: IK4004106 5620 SAM ID: 2265 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 2 threshold crossing.		
Impact: The LTE service is not possible.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004107 CB THRESHOLD CRITICAL DP 3

Table 3-172 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD CRITICAL DP 3 InfoKey number: IK4004107 5620 SAM ID: 2266 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 3 threshold crossing.		
Impact: The LTE service is not possible.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004108 CB THRESHOLD CRITICAL DP 4

Table 3-173 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD CRITICAL DP 4 InfoKey number: IK4004108 5620 SAM ID: 2267 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 4 threshold crossing.		
Impact: The LTE service is not possible.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004109 CB THRESHOLD MAJOR DP 1

Table 3-174 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MAJOR DP 1 InfoKey number: IK4004109 5620 SAM ID: 2268 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 1 threshold crossing. The OTDOA facility can no longer be supported.		
Impact: The OTDOA facility can no longer be supported.		
Remedial action: Check the synchronization sources and provisioning.Check for GPS and Holdover alarms - Location-based service unavailable if a) GPS reference has failed b) GPS reference has been regained but phase is outside tolerance. Wait, check in hour. If alarm persists with no GPS alarms, replace CB		

IK4004110 CB THRESHOLD MAJOR DP 2

Table 3-175 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MAJOR DP 2 InfoKey number: IK4004110 5620 SAM ID: 2269 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 2 threshold crossing. The LTE to HRPD non-optimized handover can no longer be supported for Ues that require SystemTimeInfo IE in SIB8.		
Impact: The LTE to HRPD non-optimized handover can no longer be supported for Ues that require SystemTimeInfo IE in SIB8.		
Remedial action: Check the synchronization sources and provisioning.Check for GPS and Holdover alarms - Handover to HRPD unavailable if sync has drifted due to holdover. Fix GPS problem.		

IK4004111 CB THRESHOLD MAJOR DP 3

Table 3-176 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MAJOR DP 3 InfoKey number: IK4004111 5620 SAM ID: 2270 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 3 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004112 CB THRESHOLD MAJOR DP 4

Table 3-177 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MAJOR DP 4 InfoKey number: IK4004112 5620 SAM ID: 2271 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 4 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004113 CB THRESHOLD MINOR DP 1

Table 3-178 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MINOR DP 1 InfoKey number: IK4004113 5620 SAM ID: 2272 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 1 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004114 CB THRESHOLD MINOR DP 2

Table 3-179 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MINOR DP 2 InfoKey number: IK4004114 5620 SAM ID: 2273 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 2 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004115 CB THRESHOLD MINOR DP 3

Table 3-180 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MINOR DP 3 InfoKey number: IK4004115 5620 SAM ID: 2274 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 3 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004116 CB THRESHOLD MINOR DP 4

Table 3-181 General information

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MINOR DP 4 InfoKey number: IK4004116 5620 SAM ID: 2275 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the drift point 4 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

IK4004117 CB OVER TEMP MAJOR

Table 3-182 General information

Alarm	Attributes	Supported releases
Name: CB OVER TEMP MAJOR InfoKey number: IK4004117 5620 SAM ID: 2276 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CB temperature is rising near the shutdown limit.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check for fan failure or high ambient temperature.		

IK4004118 CB OVER TEMP CRITICAL

Table 3-183 General information

Alarm	Attributes	Supported releases
Name: CB OVER TEMP CRITICAL InfoKey number: IK4004118 5620 SAM ID: 2277 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the CB temperature is above the operating range.		
Impact: The LTE service is not possible.		
Remedial action: CB autonomously powers down. Check for fan failure or high ambient temperature.		

IK4004135 CB UNEXPECTED LONG INITIALIZATION

Table 3-184 General information

Alarm	Attributes	Supported releases
Name: CB UNEXPECTED LONG INITIALIZATION InfoKey number: IK4004135 5620 SAM ID: 2294 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that 1588 client has taken longer than expected to achieve complete synchronization.		
Impact: The LTE service is not possible with 1588 PTP as synchronization reference. However, the eNB may synchronize to an alternative available source.		
Remedial action: Verify 1588 grandmaster is operating correctly, check network conditions, otherwise reset the CB. Note: if eNB has synchronized to an alternative available source, then reset of CB will be service impacting.		

IK4004136 CB GPS LOCK FAILURE CRITICAL

Table 3-185 General information

Alarm	Attributes	Supported releases
Name: CB GPS LOCK FAILURE CRITICAL InfoKey number: IK4004136 5620 SAM ID: 2295 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that GPS satellite lock has been lost prior to achieving the synchronization		
Impact: The LTE service is not possible.		
Remedial action: Check the GPS antenna placement, GPS antenna status, or GPS antenna cable. Replace the External GPS Receiver or CB (if using internal GPS receiver).		

IK4004137 CB GPS LOCK FAILURE MAJOR

Table 3-186 General information

Alarm	Attributes	Supported releases
Name: CB GPS LOCK FAILURE MAJOR InfoKey number: IK4004137 5620 SAM ID: 2296 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that GPS satellite lock has been lost after timing has been synchronized.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check the GPS antenna placement, GPS antenna status, or GPS antenna cable. Replace the External GPS Receiver or CB (if using internal GPS receiver).		

IK4004139 CB LOOPBACK INACTIVITY

Table 3-187 General information

Alarm	Attributes	Supported releases
Name: CB LOOPBACK INACTIVITY InfoKey number: IK4004139 5620 SAM ID: 2298 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates there is no packet activity for the interval specified in the loopback activation.		
Impact: No impact on eNodeB.		
Remedial action: Reset the CB. Call the next level of support		

IK4004140 CB TOD OUT OF SYNC

Table 3-188 General information

Alarm	Attributes	Supported releases
Name: CB TOD OUT OF SYNC InfoKey number: IK4004140 5620 SAM ID: 2299 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the GPS timing pulses may be missing or incorrect.		
Impact: No impact on eNodeB.		
Remedial action: Replace the External GPS Receiver or CB (if using internal GPS receiver).		

IK4004141 CB PTP LOSS OF PRIMARY SYNCHRONIZATION

Table 3-189 General information

Alarm	Attributes	Supported releases
Name: CB PTP LOSS OF PRIMARY SYNCHRONIZATION InfoKey number: IK4004141 5620 SAM ID: 2986 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a loss of synchronization with the primary 1588 grandmaster server.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check configuration of link to 1588 Grandmaster is correct.If problem persists check the packet delay variation on the eNb backhaul interface.		

IK4004142 CB PTP LOSS OF SECONDARY SYNCHRONIZATION

Table 3-190 General information

Alarm	Attributes	Supported releases
Name: CB PTP LOSS OF SECONDARY SYNCHRONIZATION InfoKey number: IK4004142 5620 SAM ID: 2987 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a loss of synchronization with the secondary 1588 grandmaster server.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check configuration of link to 1588 Grandmaster is correct.If problem persists check the packet delay variation on the eNb backhaul interface.		

IK4004144 CB FAULT 1

Table 3-191 General information

Alarm	Attributes	Supported releases
Name: CB FAULT 1 InfoKey number: IK4004144 5620 SAM ID: 2988 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4004145 CB FAULT 2

Table 3-192 General information

Alarm	Attributes	Supported releases
Name: CB FAULT 2 InfoKey number: IK4004145 5620 SAM ID: 2989 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4004146 CB FAULT 3

Table 3-193 General information

Alarm	Attributes	Supported releases
Name: CB FAULT 3 InfoKey number: IK4004146 5620 SAM ID: 2990 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4004147 CB FAULT 4

Table 3-194 General information

Alarm	Attributes	Supported releases
Name: CB FAULT 4 InfoKey number: IK4004147 5620 SAM ID: 2991 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4004148 CB FAULT 5

Table 3-195 General information

Alarm	Attributes	Supported releases
Name: CB FAULT 5 InfoKey number: IK4004148 5620 SAM ID: 2992 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4004149 CB CONFIG NOT SUPPORTED WRONG SLOT

Table 3-196 General information

Alarm	Attributes	Supported releases
Name: CB CONFIG NOT SUPPORTED WRONG SLOT InfoKey number: IK4004149 5620 SAM ID: 2993 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that CB is not located in the correct slot.		
Impact: The LTE service is not possible.		
Remedial action: Move CB to the appropriate slot.		

IK4004150 CB GPS INSUFFICIENT FIXED SATELLITES

Table 3-197 General information

Alarm	Attributes	Supported releases
Name: CB GPS INSUFFICIENT FIXED SATELLITES InfoKey number: IK4004150 5620 SAM ID: 2994 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that insufficient fixed satellites are available to get GPS synchronization.		
Impact: The GPS synchronisation is not possible.		
Remedial action: Check the GPS antenna location and status. Replace GPS antenna, cable or receiver if necessary.		

IK4004151 CB GPS INSUFFICIENT VISIBLE SATELLITES

Table 3-198 General information

Alarm	Attributes	Supported releases
Name: CB GPS INSUFFICIENT VISIBLE SATELLITES InfoKey number: IK4004151 5620 SAM ID: 2995 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that insufficient visible satellites are available to get GPS synchronization.		
Impact: The GPS synchronisation is not possible.		
Remedial action: Check the GPS antenna location and status. Replace GPS antenna, cable or receiver if necessary.		

IK4004152 CB INIT GPS SELF SURVEY

Table 3-199 General information

Alarm	Attributes	Supported releases
Name: CB INIT GPS SELF SURVEY InfoKey number: IK4004152 5620 SAM ID: 2996 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a high accuracy GPS survey has not been successfully completed after 24 hours.		
Impact: Synchronization accuracy too low to support OTDOA.		
Remedial action: Check GPS receiver.		

IK4004153 CB INIT GPS SELF SURVEY INPROGRESS

Table 3-200 General information

Alarm	Attributes	Supported releases
Name: CB INIT GPS SELF SURVEY INPROGRESS InfoKey number: IK4004153 5620 SAM ID: 2997 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a high accuracy GPS survey has not been successfully completed after 24 hours.		
Impact: No impact on eNodeB.		
Remedial action: Wait. If the alarm persists beyond 10 hours, call the next level of support.		

IK4004154 CB LOOPBACK INACTIVITY

Table 3-201 General information

Alarm	Attributes	Supported releases
Name: CB LOOPBACK INACTIVITY InfoKey number: IK4004154 5620 SAM ID: 2998 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates there is no packet activity for the interval specified in the loopback activation.		
Impact: No impact on eNodeB.		
Remedial action: Reset the CB. Call the next level of support		

IK4005001 DBU INITIALIZATION FAILURE

Table 3-202 General information

Alarm	Attributes	Supported releases
Name: DBU INITIALIZATION FAILURE InfoKey number: IK4005001 5620 SAM ID: 2300 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to initialize the associated resources.		
Impact: The LTE service is not possible.		
Remedial action: Reset CB using the remote connection to NEM. Check BIST result. If the alarm persists, replace the CB.		

IK4005002 DBU DOWNLOAD FAILURE

Table 3-203 General information

Alarm	Attributes	Supported releases
Name: DBU DOWNLOAD FAILURE InfoKey number: IK4005002 5620 SAM ID: 2301 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the failure to download the GPSAM FPGA.		
Impact: Generally, the supervision is reduced. On first installation, the LTE service is not possible. The GPSAM alarms and I And C parameters cannot be modified on the SAM.		
Remedial action: Reset the CB. If the alarm persists, replace the CB.		

IK4005003 DBU MEMORY ACCESS FAILURE

Table 3-204 General information

Alarm	Attributes	Supported releases
Name: DBU MEMORY ACCESS FAILURE InfoKey number: IK4005003 5620 SAM ID: 2302 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to access the EEPROM on the eNodeB.		
Impact: The LTE service is not possible.		
Remedial action: Call the next level of support.		

IK4005004 DBU UNREADABLE MANUFACTURER DATA

Table 3-205 General information

Alarm	Attributes	Supported releases
Name: DBU UNREADABLE MANUFACTURER DATA InfoKey number: IK4005004 5620 SAM ID: 2303 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to read the manufacturer data.		
Impact: The LTE service is not possible.		
Remedial action: Call the next level of support.		

IK4005006 EXTERNAL CONTACT CHANGE 1

Table 3-206 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4005006 5620 SAM ID: 2304 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005007 EXTERNAL CONTACT CHANGE 2

Table 3-207 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4005007 5620 SAM ID: 2305 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005008 EXTERNAL CONTACT CHANGE 3

Table 3-208 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4005008 5620 SAM ID: 2306 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005009 EXTERNAL CONTACT CHANGE 4

Table 3-209 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4005009 5620 SAM ID: 2307 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005010 EXTERNAL CONTACT CHANGE 5

Table 3-210 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4005010 5620 SAM ID: 2308 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005011 EXTERNAL CONTACT CHANGE 6

Table 3-211 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4005011 5620 SAM ID: 2309 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005012 EXTERNAL CONTACT CHANGE 7

Table 3-212 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 7 InfoKey number: IK4005012 5620 SAM ID: 2310 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005013 EXTERNAL CONTACT CHANGE 8

Table 3-213 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 8 InfoKey number: IK4005013 5620 SAM ID: 2311 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005014 EXTERNAL CONTACT CHANGE 9

Table 3-214 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 9 InfoKey number: IK4005014 5620 SAM ID: 2312 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005015 EXTERNAL CONTACT CHANGE 10

Table 3-215 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 10 InfoKey number: IK4005015 5620 SAM ID: 2313 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005016 EXTERNAL CONTACT CHANGE 11

Table 3-216 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 11 InfoKey number: IK4005016 5620 SAM ID: 2314 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005017 EXTERNAL CONTACT CHANGE 12

Table 3-217 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 12 InfoKey number: IK4005017 5620 SAM ID: 2315 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005018 EXTERNAL CONTACT CHANGE 13

Table 3-218 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 13 InfoKey number: IK4005018 5620 SAM ID: 2316 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005019 EXTERNAL CONTACT CHANGE 14

Table 3-219 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 14 InfoKey number: IK4005019 5620 SAM ID: 2317 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005020 EXTERNAL CONTACT CHANGE 15

Table 3-220 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 15 InfoKey number: IK4005020 5620 SAM ID: 2318 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005021 EXTERNAL CONTACT CHANGE 16

Table 3-221 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 16 InfoKey number: IK4005021 5620 SAM ID: 2319 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005022 EXTERNAL CONTACT CHANGE 17

Table 3-222 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 17 InfoKey number: IK4005022 5620 SAM ID: 2320 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005023 EXTERNAL CONTACT CHANGE 18

Table 3-223 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 18 InfoKey number: IK4005023 5620 SAM ID: 2321 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005024 EXTERNAL CONTACT CHANGE 19

Table 3-224 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 19 InfoKey number: IK4005024 5620 SAM ID: 2322 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005025 EXTERNAL CONTACT CHANGE 20

Table 3-225 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 20 InfoKey number: IK4005025 5620 SAM ID: 2323 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005026 EXTERNAL CONTACT CHANGE 21

Table 3-226 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 21 InfoKey number: IK4005026 5620 SAM ID: 2324 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005027 EXTERNAL CONTACT CHANGE 22

Table 3-227 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 22 InfoKey number: IK4005027 5620 SAM ID: 2325 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005028 EXTERNAL CONTACT CHANGE 23

Table 3-228 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 23 InfoKey number: IK4005028 5620 SAM ID: 2326 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005029 EXTERNAL CONTACT CHANGE 24

Table 3-229 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 24 InfoKey number: IK4005029 5620 SAM ID: 2327 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005030 EXTERNAL CONTACT CHANGE 25

Table 3-230 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 25 InfoKey number: IK4005030 5620 SAM ID: 2328 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005031 EXTERNAL CONTACT CHANGE 26

Table 3-231 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 26 InfoKey number: IK4005031 5620 SAM ID: 2329 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005032 EXTERNAL CONTACT CHANGE 27

Table 3-232 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 27 InfoKey number: IK4005032 5620 SAM ID: 2330 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005033 EXTERNAL CONTACT CHANGE 28

Table 3-233 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 28 InfoKey number: IK4005033 5620 SAM ID: 2331 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005034 EXTERNAL CONTACT CHANGE 29

Table 3-234 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 29 InfoKey number: IK4005034 5620 SAM ID: 2332 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005035 EXTERNAL CONTACT CHANGE 30

Table 3-235 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 30 InfoKey number: IK4005035 5620 SAM ID: 2333 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005036 EXTERNAL CONTACT CHANGE 31

Table 3-236 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 31 InfoKey number: IK4005036 5620 SAM ID: 2334 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005037 EXTERNAL CONTACT CHANGE 32

Table 3-237 General information

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 32 InfoKey number: IK4005037 5620 SAM ID: 2335 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4005038 DBU AC MAJOR

Table 3-238 General information

Alarm	Attributes	Supported releases
Name: DBU AC MAJOR InfoKey number: IK4005038 5620 SAM ID: 2336 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure of multiple rectifier components.		
Impact: No impact on eNodeB.		
Remedial action: Replace the failed rectifier component.		

IK4005039 DBU AC MINOR

Table 3-239 General information

Alarm	Attributes	Supported releases
Name: DBU AC MINOR InfoKey number: IK4005039 5620 SAM ID: 2337 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a minor failure in the DC rectifier unit.		
Impact: No impact on eNodeB.		
Remedial action: Replace the failed fan or the rectifier component.		

IK4005040 DBU AC INPUT OUT OF SPEC

Table 3-240 General information

Alarm	Attributes	Supported releases
Name: DBU AC INPUT OUT OF SPEC InfoKey number: IK4005040 5620 SAM ID: 2338 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the AC input voltage to the rectifiers is too high or too low.		
Impact: No impact on eNodeB.		
Remedial action: Verify and correct the AC power supply to the rectifiers.		

IK4005041 DBU AC BATTERY CHARGING FAILURE

Table 3-241 General information

Alarm	Attributes	Supported releases
Name: DBU AC BATTERY CHARGING FAILURE InfoKey number: IK4005041 5620 SAM ID: 2339 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the eNodeB is operating on the battery power.		
Impact: The eNodeB is not operational due to the drained batteries.		
Remedial action: Verify and correct the AC power supply to the rectifiers. If the alarm persists, check and replace any failed rectifier components.		

IK4005042 DBU FAN ALARM

Table 3-242 General information

Alarm	Attributes	Supported releases
Name: DBU FAN ALARM InfoKey number: IK4005042 5620 SAM ID: 2340 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the baseband cabinet fan failure.		
Impact: The baseband cabinet components may fail due to overheating.		
Remedial action: Replace the baseband cabinet fan.		

IK4005043 DBU DOOR ALARM

Table 3-243 General information

Alarm	Attributes	Supported releases
Name: DBU DOOR ALARM InfoKey number: IK4005043 5620 SAM ID: 2341 Type: environmentalAlarm Alarm type ID: 2	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: enclosureDoorOpen Default probable cause ID: 900 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the eNodeB door is open.		
Impact: The eNodeB equipment is accessible and easily tampered. No immediate impact on call processing.		
Remedial action: Close the cabinet door.		

IK4005044 DBU OVER TEMP

Table 3-244 General information

Alarm	Attributes	Supported releases
Name: DBU OVER TEMP InfoKey number: IK4005044 5620 SAM ID: 2342 Type: environmentalAlarm Alarm type ID: 2	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the baseband cabinet temperature is above the safe operating threshold.		
Impact: The eNodeB components may fail due to overheating.		
Remedial action: Check the cabinet for proper functioning fans and unclogged air filters. Check if the ambient temperature is within the recommended operating range.		

IK4005045 DBU UNDER TEMP

Table 3-245 General information

Alarm	Attributes	Supported releases
Name: DBU UNDER TEMP InfoKey number: IK4005045 5620 SAM ID: 2343 Type: environmentalAlarm Alarm type ID: 2	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the baseband cabinet temperature is below the safe operating threshold.		
Impact: The eNodeB components may fail due to low temperature.		
Remedial action: Check if the ambient temperature is within the recommended operating range.		

IK4005046 DBU FAF

Table 3-246 General information

Alarm	Attributes	Supported releases
Name: DBU FAF InfoKey number: IK4005046 5620 SAM ID: 2344 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the baseband cabinet filter airflow is reduced by excessive dirt.		
Impact: The eNodeB components may fail due to overheating.		
Remedial action: Replace the fresh air filter.		

IK4005047 DBU AUX EQUIP

Table 3-247 General information

Alarm	Attributes	Supported releases
Name: DBU AUX EQUIP InfoKey number: IK4005047 5620 SAM ID: 2345 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates an error in the auxiliary telecom equipment in the eNodeB.		
Impact: The eNodeB external communication fails or is degraded.		
Remedial action: Check the auxiliary telecom equipment.		

IK4005048 DBU RUC FAN FAILURE

Table 3-248 General information

Alarm	Attributes	Supported releases
Name: DBU RUC FAN FAILURE InfoKey number: IK4005048 5620 SAM ID: 2346 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates the failure of one or more fans in the RUC.		
Impact: No impact on eNodeB.		
Remedial action: Call the next level of support.		

IK4005049 DBU PASSWORD ROLLBACK FAILURE

Table 3-249 General information

Alarm	Attributes	Supported releases
Name: DBU PASSWORD ROLLBACK FAILURE InfoKey number: IK4005049 5620 SAM ID: 2347 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: warning Object type (class): ENBShelfSpecifics Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to rollback one or all passwords. Not supported in LA2.0.		
Impact: No impact on eNodeB.		
Remedial action: Call the next level of support.		

IK4005050 DBU PASSWORD UPDATE FAILURE

Table 3-250 General information

Alarm	Attributes	Supported releases
Name: DBU PASSWORD UPDATE FAILURE InfoKey number: IK4005050 5620 SAM ID: 2348 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to update the password. Not supported in LA2.0.		
Impact: No impact on eNodeB.		
Remedial action: User intervention is required to correct this inconsistency.		

IK4005051 DBU BACKPLANE TYPE NOT SUPPORTED

Table 3-251 General information

Alarm	Attributes	Supported releases
Name: DBU BACKPLANE TYPE NOT SUPPORTED InfoKey number: IK4005051 5620 SAM ID: 2349 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the backplane type is not supported.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Proceed with a software upgrade.		

IK4005052 DBU RUC FAN FAULT MAJOR

Table 3-252 General information

Alarm	Attributes	Supported releases
Name: DBU RUC FAN FAULT MAJOR InfoKey number: IK4005052 5620 SAM ID: 2350 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the fan assemblies cooling capacity has been degraded.		
Impact: No impact on eNodeB.		
Remedial action: Check the fan.		

IK4005053 DBU RUC FAN FAULT CRITICAL

Table 3-253 General information

Alarm	Attributes	Supported releases
Name: DBU RUC FAN FAULT CRITICAL InfoKey number: IK4005053 5620 SAM ID: 2351 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the fan assemblies is not functionning.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: HW autonomously powers down the system.		

IK4005054 DBU WRONG FAN ASSEMBLY

Table 3-254 General information

Alarm	Attributes	Supported releases
Name: DBU WRONG FAN ASSEMBLY InfoKey number: IK4005054 5620 SAM ID: 2352 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a wrong flow RUC, specifically a normal-flow RUC being present when a high-flow RUC is needed.		
Impact: No impact on eNodeB.		
Remedial action: Call the next level of support.		

IK4005055 DBU HEAT EXCHANGER

Table 3-255 General information

Alarm	Attributes	Supported releases
Name: DBU HEAT EXCHANGER InfoKey number: IK4005055 5620 SAM ID: 2999 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the cabinet heat exchanger has failed		
Impact: The eNodeB components may fail due to overheating.		
Remedial action: Replace the heat exchanger.		

IK4005056 DBU FAULT 1

Table 3-256 General information

Alarm	Attributes	Supported releases
Name: DBU FAULT 1 InfoKey number: IK4005056 5620 SAM ID: 3000 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4005057 DBU FAULT 2

Table 3-257 General information

Alarm	Attributes	Supported releases
Name: DBU FAULT 2 InfoKey number: IK4005057 5620 SAM ID: 3001 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4005058 DBU FAULT 3

Table 3-258 General information

Alarm	Attributes	Supported releases
Name: DBU FAULT 3 InfoKey number: IK4005058 5620 SAM ID: 3002 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4005059 DBU FAULT 4

Table 3-259 General information

Alarm	Attributes	Supported releases
Name: DBU FAULT 4 InfoKey number: IK4005059 5620 SAM ID: 3003 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4005060 DBU FAULT 5

Table 3-260 General information

Alarm	Attributes	Supported releases
Name: DBU FAULT 5 InfoKey number: IK4005060 5620 SAM ID: 3004 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4005061 DBU UNREADABLE MANUFACTURER DATA ATTACHED HW

Table 3-261 General information

Alarm	Attributes	Supported releases
Name: DBU UNREADABLE MANUFACTURER DATA ATTACHED HW InfoKey number: IK4005061 5620 SAM ID: 3005 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the failure to read the manufacturer data of an attached HW (e.g. eAM or FAN)		
Impact: The LTE service is not possible.		
Remedial action: Reset the CB. Check the cable between controller and RUC.Call next level of support, replace RUC unit		

IK4005062 DBU WRONG TECHNO MODE CONFIG

Table 3-262 General information

Alarm	Attributes	Supported releases
Name: DBU WRONG TECHNO MODE CONFIG InfoKey number: IK4005062 5620 SAM ID: 3006 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates an inconsistent technology mode configuration. No BBs to are assigned an CB while in single or dual technology.		
Impact: The LTE service is not possible.		
Remedial action: Correct the programming of the I and C Technology Mode parameter.		

IK4005063 DBU DUAL CONTROLLER FOR SINGLE TECHNO MODE

Table 3-263 General information

Alarm	Attributes	Supported releases
Name: DBU DUAL CONTROLLER FOR SINGLE TECHNO MODE InfoKey number: IK4005063 5620 SAM ID: 3007 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates an inconsistent I and C technology mode configuration. Two CB are assigned as BB owners while in single technology.		
Impact: The LTE service is not possible.		
Remedial action: Correct the programming of the I and C Technology Mode parameter.		

IK4006001 RFM SLAVE LINK LOF

Table 3-264 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOF InfoKey number: IK4006001 5620 SAM ID: 2353 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006002 RFM SLAVE LINK LOS

Table 3-265 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOS InfoKey number: IK4006002 5620 SAM ID: 2354 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that no signal is detected at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006003 RFM SLAVE LINK RAI

Table 3-266 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK RAI InfoKey number: IK4006003 5620 SAM ID: 2355 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006004 RFM SLAVE SIGNAL LOW

Table 3-267 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL LOW InfoKey number: IK4006004 5620 SAM ID: 2356 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006005 RFM SLAVE SIGNAL SDI

Table 3-268 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL SDI InfoKey number: IK4006005 5620 SAM ID: 2357 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the incoming slave link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

IK4006006 RFM COMM FAIL

Table 3-269 General information

Alarm	Attributes	Supported releases
Name: RFM COMM FAIL InfoKey number: IK4006006 5620 SAM ID: 2358 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): RFM Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that no management messages are received in the past 30 seconds, or no active C		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM, Fiber, and SFPs. Reset the CB.		

IK4006007 RFM UNDER TEMP

Table 3-270 General information

Alarm	Attributes	Supported releases
Name: RFM UNDER TEMP InfoKey number: IK4006007 5620 SAM ID: 2359 Type: environmentalAlarm Alarm type ID: 2	Severity: minor Object type (class): RFM Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the RFM is below the operating temperature, but is capable of transmitting.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4006008 RFM WARM UP

Table 3-271 General information

Alarm	Attributes	Supported releases
Name: RFM WARM UP InfoKey number: IK4006008 5620 SAM ID: 2360 Type: environmentalAlarm Alarm type ID: 2	Severity: critical Object type (class): RFM Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the RFM temperature is too low to generate RF.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM environment temperature. If RFM has just initialized then wait for it to warm up.		

IK4006009 RFM OVER TEMP WARNING

Table 3-272 General information

Alarm	Attributes	Supported releases
Name: RFM OVER TEMP WARNING InfoKey number: IK4006009 5620 SAM ID: 2361 Type: environmentalAlarm Alarm type ID: 2	Severity: minor Object type (class): RFM Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RFM is rising near the shutdown limit.		
Impact: No impact on eNodeB.		
Remedial action: Check the RFM environment temperature.		

IK4006010 RFM CRITICAL TEMP

Table 3-273 General information

Alarm	Attributes	Supported releases
Name: RFM CRITICAL TEMP InfoKey number: IK4006010 5620 SAM ID: 2362 Type: environmentalAlarm Alarm type ID: 2	Severity: critical Object type (class): RFM Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the RFM temperature is above the operating limit and the transmitter has shut down in an attempt to reduce the temperature.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM environment temperature.		

IK4006011 RFM ST CRITICAL FAIL

Table 3-274 General information

Alarm	Attributes	Supported releases
Name: RFM ST CRITICAL FAIL InfoKey number: IK4006011 5620 SAM ID: 2363 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the power-on self test detected a critical failure on the RFM. The alarm is cleared when the RFM is reset.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006012 RFM INIT FAILURE

Table 3-275 General information

Alarm	Attributes	Supported releases
Name: RFM INIT FAILURE InfoKey number: IK4006012 5620 SAM ID: 2364 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the FGPA download failure or unlocked PLLs. The evaluation occurs during initialization and the unit is not enabled.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006013 RFM SOFTWARE FAILURE

Table 3-276 General information

Alarm	Attributes	Supported releases
Name: RFM SOFTWARE FAILURE InfoKey number: IK4006013 5620 SAM ID: 2365 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): RFM Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the general software failures, including TCP/IP stack errors or TCP Allocate Packet errors. This alarm remains asserted for a minimum of 30 seconds.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: If the alarm doesn't clear in 30 seconds then reset the RFM. If the alarm persists, notify ALU support.		

IK4006014 RFM SIGNAL QUALITY

Table 3-277 General information

Alarm	Attributes	Supported releases
Name: RFM SIGNAL QUALITY InfoKey number: IK4006014 5620 SAM ID: 2366 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the RFM output spectrum is degraded, but the RF is still enabled.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM, if the problem persists then replace the RFM.		

IK4006015 RFM RECV FAIL

Table 3-278 General information

Alarm	Attributes	Supported releases
Name: RFM RECV FAIL InfoKey number: IK4006015 5620 SAM ID: 2367 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure of both Rx1 and Rx2 or Rx1failure and diversity is disabled.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset RFM. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace RFM.		

IK4006016 RFM GAIN CONTROL WARNING

Table 3-279 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING InfoKey number: IK4006016 5620 SAM ID: 2368 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006017 RFM TX1 FAIL

Table 3-280 General information

Alarm	Attributes	Supported releases
Name: RFM TX1 FAIL InfoKey number: IK4006017 5620 SAM ID: 2369 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure of the transmit chain. RF transmission is not possible on the first antenna port.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006018 RFM TX2 FAIL

Table 3-281 General information

Alarm	Attributes	Supported releases
Name: RFM TX2 FAIL InfoKey number: IK4006018 5620 SAM ID: 2370 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure of the transmit chain. RF transmission is not possible on the second antenna port.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006019 RFM GAIN CONTROL TX1

Table 3-282 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX1 InfoKey number: IK4006019 5620 SAM ID: 2371 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the first transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006020 RFM GAIN CONTROL TX2

Table 3-283 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX2 InfoKey number: IK4006020 5620 SAM ID: 2372 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the second transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006021 RFM RF OUTPUT OVRDRV TX1

Table 3-284 General information

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX1 InfoKey number: IK4006021 5620 SAM ID: 2373 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates excessive RF output. The RF is interrupted or clamped for hardware protection.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006022 RFM RF OUTPUT OVRDRV TX2

Table 3-285 General information

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX2 InfoKey number: IK4006022 5620 SAM ID: 2374 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates excessive RF output. The RF is interrupted or clamped for hardware protection.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006023 RFM RX1 FAILURE

Table 3-286 General information

Alarm	Attributes	Supported releases
Name: RFM RX1 FAILURE InfoKey number: IK4006023 5620 SAM ID: 2375 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

IK4006024 RFM RX2 FAILURE

Table 3-287 General information

Alarm	Attributes	Supported releases
Name: RFM RX2 FAILURE InfoKey number: IK4006024 5620 SAM ID: 2376 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

IK4006025 RFM DIV IMBALANCE

Table 3-288 General information

Alarm	Attributes	Supported releases
Name: RFM DIV IMBALANCE InfoKey number: IK4006025 5620 SAM ID: 2377 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates an imbalance between the two diversity receive signals.		
Impact: No impact on eNodeB.		
Remedial action: Check the antennas and antenna cables and connections. If the problem persists then replace the RFM.		

IK4006027 RFM INPUT VOLTAGE FAIL

Table 3-289 General information

Alarm	Attributes	Supported releases
Name: RFM INPUT VOLTAGE FAIL InfoKey number: IK4006027 5620 SAM ID: 2378 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the input voltage is very high or very low.		
Impact: If the RRH is not usable, the associated LTE cells are not operational.		
Remedial action: Verify and correct the DC input voltage. If the alarm persists, replace the RFM.		

IK4006028 RFM PWR CONVERTER FAIL

Table 3-290 General information

Alarm	Attributes	Supported releases
Name: RFM PWR CONVERTER FAIL InfoKey number: IK4006028 5620 SAM ID: 2379 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The RFM internal power converter has failed.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM, if the alarm persists, replace the RFM.		

IK4006029 RFM CLOCK FAILURE

Table 3-291 General information

Alarm	Attributes	Supported releases
Name: RFM CLOCK FAILURE InfoKey number: IK4006029 5620 SAM ID: 2380 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The RFM cannot derive proper clock signal from the incoming CPRI link.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Verify the CPRI connection and reset the RFM. If the problem persists then replace the RFM.		

IK4006030 RFM RF SYNTH FAIL

Table 3-292 General information

Alarm	Attributes	Supported releases
Name: RFM RF SYNTH FAIL InfoKey number: IK4006030 5620 SAM ID: 2381 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The RFM internal frequency synthesizer is out of lock.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the problem persists then replace the RFM.		

IK4006031 RFM DIGITAL INPUT OVRDRV TX1

Table 3-293 General information

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX1 InfoKey number: IK4006031 5620 SAM ID: 2382 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006032 RFM DIGITAL INPUT OVRDRV TX2

Table 3-294 General information

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX2 InfoKey number: IK4006032 5620 SAM ID: 2383 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006034 RFM TX1 VSWR THRESH2

Table 3-295 General information

Alarm	Attributes	Supported releases
Name: RFM TX1 VSWR THRESH2 InfoKey number: IK4006034 5620 SAM ID: 2384 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006036 RFM TX2 VSWR THRESH2

Table 3-296 General information

Alarm	Attributes	Supported releases
Name: RFM TX2 VSWR THRESH2 InfoKey number: IK4006036 5620 SAM ID: 2385 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006039 RFM UNREADABLE MANUFACTURER DATA

Table 3-297 General information

Alarm	Attributes	Supported releases
Name: RFM UNREADABLE MANUFACTURER DATA InfoKey number: IK4006039 5620 SAM ID: 2386 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to read the manufacturer data.		
Impact: Cells related to RRH are out of service.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006042 RFM DOWNLOAD FAILURE

Table 3-298 General information

Alarm	Attributes	Supported releases
Name: RFM DOWNLOAD FAILURE InfoKey number: IK4006042 5620 SAM ID: 2387 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): RFM Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RFM software download failure.		
Impact: No impact on eNodeB.		
Remedial action: Reset the RFM to retry the download. If the problem persists, contact the next level support.		

IK4006043 RFM EXTERNAL CONTACT CHANGE 1

Table 3-299 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4006043 5620 SAM ID: 2388 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4006044 RFM EXTERNAL CONTACT CHANGE 2

Table 3-300 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4006044 5620 SAM ID: 2389 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4006045 RFM EXTERNAL CONTACT CHANGE 3

Table 3-301 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4006045 5620 SAM ID: 2390 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4006046 RFM EXTERNAL CONTACT CHANGE 4

Table 3-302 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4006046 5620 SAM ID: 2391 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4006047 RFM EXTERNAL CONTACT CHANGE 5

Table 3-303 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4006047 5620 SAM ID: 2392 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4006048 RFM EXTERNAL CONTACT CHANGE 6

Table 3-304 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4006048 5620 SAM ID: 2393 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4006075 RFM BIST PARTIAL

Table 3-305 General information

Alarm	Attributes	Supported releases
Name: RFM BIST PARTIAL InfoKey number: IK4006075 5620 SAM ID: 2394 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that at least one failure was detected during power on self-test, but the unit may still be functional, though in a degraded state.		
Impact: The eNodeB performance is low.		
Remedial action: Replace the RFM.		

IK4006076 RFM EQUIP FAIL TX1

Table 3-306 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX1 InfoKey number: IK4006076 5620 SAM ID: 2395 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

IK4006077 RFM EQUIP FAIL TX2

Table 3-307 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX2 InfoKey number: IK4006077 5620 SAM ID: 2396 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

IK4006078 RFM TX1 VSWR THRESH1

Table 3-308 General information

Alarm	Attributes	Supported releases
Name: RFM TX1 VSWR THRESH1 InfoKey number: IK4006078 5620 SAM ID: 2397 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006079 RFM TX2 VSWR THRESH1

Table 3-309 General information

Alarm	Attributes	Supported releases
Name: RFM TX2 VSWR THRESH1 InfoKey number: IK4006079 5620 SAM ID: 2398 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006080 RFM RX1 VSWR THRESH

Table 3-310 General information

Alarm	Attributes	Supported releases
Name: RFM RX1 VSWR THRESH InfoKey number: IK4006080 5620 SAM ID: 2399 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the Rx VSWR test detected a THRESH Level violation.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the RFM.		

IK4006081 RFM RX2 VSWR THRESH

Table 3-311 General information

Alarm	Attributes	Supported releases
Name: RFM RX2 VSWR THRESH InfoKey number: IK4006081 5620 SAM ID: 2400 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the Rx VSWR test detected a THRESH Level violation.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the RFM.		

IK4006082 RFM OPERATION PROCESSING FAILURE

Table 3-312 General information

Alarm	Attributes	Supported releases
Name: RFM OPERATION PROCESSING FAILURE InfoKey number: IK4006082 5620 SAM ID: 2401 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): RFM Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the fault in the RFM software processing.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the problem persists, contact the next level support.		

IK4006083 RFM LNA1 FAIL

Table 3-313 General information

Alarm	Attributes	Supported releases
Name: RFM LNA1 FAIL InfoKey number: IK4006083 5620 SAM ID: 2402 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

IK4006084 RFM LNA2 FAIL

Table 3-314 General information

Alarm	Attributes	Supported releases
Name: RFM LNA2 FAIL InfoKey number: IK4006084 5620 SAM ID: 2403 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

IK4006085 RFM EXTERNAL UNIT COMM FAIL

Table 3-315 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL UNIT COMM FAIL InfoKey number: IK4006085 5620 SAM ID: 2404 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the loss of communication with external alarm or filter module.		
Impact: No impact on eNodeB.		
Remedial action: Check external module and cable, replace if necessary.		

IK4006086 RFM RF TEST EQUIP FAIL

Table 3-316 General information

Alarm	Attributes	Supported releases
Name: RFM RF TEST EQUIP FAIL InfoKey number: IK4006086 5620 SAM ID: 2405 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure of the RFM onboard RF test equipment.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4006087 RFM CELL BLOCK

Table 3-317 General information

Alarm	Attributes	Supported releases
Name: RFM CELL BLOCK InfoKey number: IK4006087 5620 SAM ID: 2406 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: Internal signal between RFM and CB.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

IK4006088 RFM CELL KILL

Table 3-318 General information

Alarm	Attributes	Supported releases
Name: RFM CELL KILL InfoKey number: IK4006088 5620 SAM ID: 2407 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: Internal signal between RFM and CB.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

IK4006089 RFM INTERFACE MISMATCH

Table 3-319 General information

Alarm	Attributes	Supported releases
Name: RFM INTERFACE MISMATCH InfoKey number: IK4006089 5620 SAM ID: 2408 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the RFM interface version is not compatible with the version running in the CB.		
Impact: The eNodeB performance is low.		
Remedial action: Reset the RFM. If the problem persists, contact the next level support.		

IK4006090 RFM TX3 FAIL

Table 3-320 General information

Alarm	Attributes	Supported releases
Name: RFM TX3 FAIL InfoKey number: IK4006090 5620 SAM ID: 2409 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006091 RFM TX4 FAIL

Table 3-321 General information

Alarm	Attributes	Supported releases
Name: RFM TX4 FAIL InfoKey number: IK4006091 5620 SAM ID: 2410 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006092 RFM TX5 FAIL

Table 3-322 General information

Alarm	Attributes	Supported releases
Name: RFM TX5 FAIL InfoKey number: IK4006092 5620 SAM ID: 2411 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006093 RFM TX6 FAIL

Table 3-323 General information

Alarm	Attributes	Supported releases
Name: RFM TX6 FAIL InfoKey number: IK4006093 5620 SAM ID: 2412 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006094 RFM TX7 FAIL

Table 3-324 General information

Alarm	Attributes	Supported releases
Name: RFM TX7 FAIL InfoKey number: IK4006094 5620 SAM ID: 2413 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006095 RFM TX8 FAIL

Table 3-325 General information

Alarm	Attributes	Supported releases
Name: RFM TX8 FAIL InfoKey number: IK4006095 5620 SAM ID: 2414 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006096 RFM GAIN CONTROL TX3

Table 3-326 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX3 InfoKey number: IK4006096 5620 SAM ID: 2415 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the third transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006097 RFM GAIN CONTROL TX4

Table 3-327 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX4 InfoKey number: IK4006097 5620 SAM ID: 2416 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the fourth transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006098 RFM GAIN CONTROL TX5

Table 3-328 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX5 InfoKey number: IK4006098 5620 SAM ID: 2417 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the fifth transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006099 RFM GAIN CONTROL TX6

Table 3-329 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX6 InfoKey number: IK4006099 5620 SAM ID: 2418 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the sixth transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006100 RFM GAIN CONTROL TX7

Table 3-330 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX7 InfoKey number: IK4006100 5620 SAM ID: 2419 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the seventh transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006101 RFM GAIN CONTROL TX8

Table 3-331 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX8 InfoKey number: IK4006101 5620 SAM ID: 2420 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the eighth transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006102 RFM RF OUTPUT OVRDRV TX3

Table 3-332 General information

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX3 InfoKey number: IK4006102 5620 SAM ID: 2421 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006103 RFM RF OUTPUT OVRDRV TX4

Table 3-333 General information

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX4 InfoKey number: IK4006103 5620 SAM ID: 2422 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006104 RFM RF OUTPUT OVRDRV TX5

Table 3-334 General information

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX5 InfoKey number: IK4006104 5620 SAM ID: 2423 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006105 RFM RF OUTPUT OVRDRV TX6

Table 3-335 General information

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX6 InfoKey number: IK4006105 5620 SAM ID: 2424 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006106 RFM RF OUTPUT OVRDRV TX7

Table 3-336 General information

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX7 InfoKey number: IK4006106 5620 SAM ID: 2425 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006107 RFM RF OUTPUT OVRDRV TX8

Table 3-337 General information

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX8 InfoKey number: IK4006107 5620 SAM ID: 2426 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006108 RFM RX3 FAILURE

Table 3-338 General information

Alarm	Attributes	Supported releases
Name: RFM RX3 FAILURE InfoKey number: IK4006108 5620 SAM ID: 2427 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

IK4006109 RFM RX4 FAILURE

Table 3-339 General information

Alarm	Attributes	Supported releases
Name: RFM RX4 FAILURE InfoKey number: IK4006109 5620 SAM ID: 2428 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

IK4006110 RFM RX5 FAILURE

Table 3-340 General information

Alarm	Attributes	Supported releases
Name: RFM RX5 FAILURE InfoKey number: IK4006110 5620 SAM ID: 2429 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

IK4006111 RFM RX6 FAILURE

Table 3-341 General information

Alarm	Attributes	Supported releases
Name: RFM RX6 FAILURE InfoKey number: IK4006111 5620 SAM ID: 2430 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

IK4006112 RFM RX7 FAILURE

Table 3-342 General information

Alarm	Attributes	Supported releases
Name: RFM RX7 FAILURE InfoKey number: IK4006112 5620 SAM ID: 2431 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

IK4006113 RFM RX8 FAILURE

Table 3-343 General information

Alarm	Attributes	Supported releases
Name: RFM RX8 FAILURE InfoKey number: IK4006113 5620 SAM ID: 2432 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

IK4006114 RFM EQUIP FAIL TX3

Table 3-344 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX3 InfoKey number: IK4006114 5620 SAM ID: 2433 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

IK4006115 RFM EQUIP FAIL TX4

Table 3-345 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX4 InfoKey number: IK4006115 5620 SAM ID: 2434 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

IK4006116 RFM EQUIP FAIL TX5

Table 3-346 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX5 InfoKey number: IK4006116 5620 SAM ID: 2435 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

IK4006117 RFM EQUIP FAIL TX6

Table 3-347 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX6 InfoKey number: IK4006117 5620 SAM ID: 2436 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

IK4006118 RFM EQUIP FAIL TX7

Table 3-348 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX7 InfoKey number: IK4006118 5620 SAM ID: 2437 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

IK4006119 RFM EQUIP FAIL TX8

Table 3-349 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX8 InfoKey number: IK4006119 5620 SAM ID: 2438 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

IK4006120 RFM DIGITAL INPUT OVRDRV TX3

Table 3-350 General information

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX3 InfoKey number: IK4006120 5620 SAM ID: 2439 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006121 RFM DIGITAL INPUT OVRDRV TX4

Table 3-351 General information

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX4 InfoKey number: IK4006121 5620 SAM ID: 2440 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006122 RFM DIGITAL INPUT OVRDRV TX5

Table 3-352 General information

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX5 InfoKey number: IK4006122 5620 SAM ID: 2441 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006123 RFM DIGITAL INPUT OVRDRV TX6

Table 3-353 General information

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX6 InfoKey number: IK4006123 5620 SAM ID: 2442 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006124 RFM DIGITAL INPUT OVRDRV TX7

Table 3-354 General information

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX7 InfoKey number: IK4006124 5620 SAM ID: 2443 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006125 RFM DIGITAL INPUT OVRDRV TX8

Table 3-355 General information

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX8 InfoKey number: IK4006125 5620 SAM ID: 2444 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

IK4006126 RFM TX3 VSWR THRESH1

Table 3-356 General information

Alarm	Attributes	Supported releases
Name: RFM TX3 VSWR THRESH1 InfoKey number: IK4006126 5620 SAM ID: 2445 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006127 RFM TX4 VSWR THRESH1

Table 3-357 General information

Alarm	Attributes	Supported releases
Name: RFM TX4 VSWR THRESH1 InfoKey number: IK4006127 5620 SAM ID: 2446 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006128 RFM TX5 VSWR THRESH1

Table 3-358 General information

Alarm	Attributes	Supported releases
Name: RFM TX5 VSWR THRESH1 InfoKey number: IK4006128 5620 SAM ID: 2447 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006129 RFM TX6 VSWR THRESH1

Table 3-359 General information

Alarm	Attributes	Supported releases
Name: RFM TX6 VSWR THRESH1 InfoKey number: IK4006129 5620 SAM ID: 2448 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006130 RFM TX7 VSWR THRESH1

Table 3-360 General information

Alarm	Attributes	Supported releases
Name: RFM TX7 VSWR THRESH1 InfoKey number: IK4006130 5620 SAM ID: 2449 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006131 RFM TX8 VSWR THRESH1

Table 3-361 General information

Alarm	Attributes	Supported releases
Name: RFM TX8 VSWR THRESH1 InfoKey number: IK4006131 5620 SAM ID: 2450 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006132 RFM TX3 VSWR THRESH2

Table 3-362 General information

Alarm	Attributes	Supported releases
Name: RFM TX3 VSWR THRESH2 InfoKey number: IK4006132 5620 SAM ID: 2451 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006133 RFM TX4 VSWR THRESH2

Table 3-363 General information

Alarm	Attributes	Supported releases
Name: RFM TX4 VSWR THRESH2 InfoKey number: IK4006133 5620 SAM ID: 2452 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006134 RFM TX5 VSWR THRESH2

Table 3-364 General information

Alarm	Attributes	Supported releases
Name: RFM TX5 VSWR THRESH2 InfoKey number: IK4006134 5620 SAM ID: 2453 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006135 RFM TX6 VSWR THRESH2

Table 3-365 General information

Alarm	Attributes	Supported releases
Name: RFM TX6 VSWR THRESH2 InfoKey number: IK4006135 5620 SAM ID: 2454 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006136 RFM TX7 VSWR THRESH2

Table 3-366 General information

Alarm	Attributes	Supported releases
Name: RFM TX7 VSWR THRESH2 InfoKey number: IK4006136 5620 SAM ID: 2455 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006137 RFM TX8 VSWR THRESH2

Table 3-367 General information

Alarm	Attributes	Supported releases
Name: RFM TX8 VSWR THRESH2 InfoKey number: IK4006137 5620 SAM ID: 2456 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006138 RFM RX3 VSWR THRESH

Table 3-368 General information

Alarm	Attributes	Supported releases
Name: RFM RX3 VSWR THRESH InfoKey number: IK4006138 5620 SAM ID: 2457 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006139 RFM RX4 VSWR THRESH

Table 3-369 General information

Alarm	Attributes	Supported releases
Name: RFM RX4 VSWR THRESH InfoKey number: IK4006139 5620 SAM ID: 2458 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006140 RFM RX5 VSWR THRESH

Table 3-370 General information

Alarm	Attributes	Supported releases
Name: RFM RX5 VSWR THRESH InfoKey number: IK4006140 5620 SAM ID: 2459 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006141 RFM RX6 VSWR THRESH

Table 3-371 General information

Alarm	Attributes	Supported releases
Name: RFM RX6 VSWR THRESH InfoKey number: IK4006141 5620 SAM ID: 2460 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006142 RFM RX7 VSWR THRESH

Table 3-372 General information

Alarm	Attributes	Supported releases
Name: RFM RX7 VSWR THRESH InfoKey number: IK4006142 5620 SAM ID: 2461 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006143 RFM RX8 VSWR THRESH

Table 3-373 General information

Alarm	Attributes	Supported releases
Name: RFM RX8 VSWR THRESH InfoKey number: IK4006143 5620 SAM ID: 2462 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006144 RFM LNA3 FAIL

Table 3-374 General information

Alarm	Attributes	Supported releases
Name: RFM LNA3 FAIL InfoKey number: IK4006144 5620 SAM ID: 2463 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

IK4006145 RFM LNA4 FAIL

Table 3-375 General information

Alarm	Attributes	Supported releases
Name: RFM LNA4 FAIL InfoKey number: IK4006145 5620 SAM ID: 2464 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

IK4006146 RFM LNA5 FAIL

Table 3-376 General information

Alarm	Attributes	Supported releases
Name: RFM LNA5 FAIL InfoKey number: IK4006146 5620 SAM ID: 2465 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

IK4006147 RFM LNA6 FAIL

Table 3-377 General information

Alarm	Attributes	Supported releases
Name: RFM LNA6 FAIL InfoKey number: IK4006147 5620 SAM ID: 2466 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

IK4006148 RFM LNA7 FAIL

Table 3-378 General information

Alarm	Attributes	Supported releases
Name: RFM LNA7 FAIL InfoKey number: IK4006148 5620 SAM ID: 2467 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

IK4006149 RFM LNA8 FAIL

Table 3-379 General information

Alarm	Attributes	Supported releases
Name: RFM LNA8 FAIL InfoKey number: IK4006149 5620 SAM ID: 2468 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

IK4006150 RFM TTLNA FAILURE 1

Table 3-380 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 1 InfoKey number: IK4006150 5620 SAM ID: 2469 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006151 RFM TTLNA FAILURE 2

Table 3-381 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 2 InfoKey number: IK4006151 5620 SAM ID: 2470 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006152 RFM TTLNA FAILURE 3

Table 3-382 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 3 InfoKey number: IK4006152 5620 SAM ID: 2471 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006153 RFM TTLNA FAILURE 4

Table 3-383 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 4 InfoKey number: IK4006153 5620 SAM ID: 2472 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006154 RFM TTLNA FAILURE 5

Table 3-384 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 5 InfoKey number: IK4006154 5620 SAM ID: 2473 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006155 RFM TTLNA FAILURE 6

Table 3-385 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 6 InfoKey number: IK4006155 5620 SAM ID: 2474 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006156 RFM TTLNA FAILURE 7

Table 3-386 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 7 InfoKey number: IK4006156 5620 SAM ID: 2475 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006157 RFM TTLNA FAILURE 8

Table 3-387 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 8 InfoKey number: IK4006157 5620 SAM ID: 2476 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006158 RFM ANT CAL FAILURE

Table 3-388 General information

Alarm	Attributes	Supported releases
Name: RFM ANT CAL FAILURE InfoKey number: IK4006158 5620 SAM ID: 2477 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the antenna is out of calibration in a cell.		
Impact: The eNodeB performance is low.		
Remedial action: Check the antenna calibration.		

IK4006159 RFM ANT PERIODIC CAL FAILURE

Table 3-389 General information

Alarm	Attributes	Supported releases
Name: RFM ANT PERIODIC CAL FAILURE InfoKey number: IK4006159 5620 SAM ID: 2478 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the antenna periodic calibration has failed.		
Impact: No impact on eNodeB.		
Remedial action: Check the antenna calibration.		

IK4006160 RFM SLAVE LINK LOF LINK1

Table 3-390 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOF LINK1 InfoKey number: IK4006160 5620 SAM ID: 2479 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006161 RFM SLAVE LINK LOF LINK2

Table 3-391 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOF LINK2 InfoKey number: IK4006161 5620 SAM ID: 2480 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006162 RFM SLAVE LINK LOF LINK3

Table 3-392 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOF LINK3 InfoKey number: IK4006162 5620 SAM ID: 2481 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006163 RFM SLAVE LINK LOS PORT1

Table 3-393 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOS PORT1 InfoKey number: IK4006163 5620 SAM ID: 2482 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006164 RFM SLAVE LINK LOS PORT2

Table 3-394 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOS PORT2 InfoKey number: IK4006164 5620 SAM ID: 2483 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006165 RFM SLAVE LINK LOS PORT3

Table 3-395 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOS PORT3 InfoKey number: IK4006165 5620 SAM ID: 2484 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006166 RFM SLAVE LINK RAI PORT1

Table 3-396 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK RAI PORT1 InfoKey number: IK4006166 5620 SAM ID: 2485 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006167 RFM SLAVE LINK RAI PORT2

Table 3-397 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK RAI PORT2 InfoKey number: IK4006167 5620 SAM ID: 2486 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006168 RFM SLAVE LINK RAI PORT3

Table 3-398 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK RAI PORT3 InfoKey number: IK4006168 5620 SAM ID: 2487 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006169 RFM SLAVE SIGNAL LOW PORT1

Table 3-399 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL LOW PORT1 InfoKey number: IK4006169 5620 SAM ID: 2488 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that the optical signal strength is very low on the link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006170 RFM SLAVE SIGNAL LOW PORT2

Table 3-400 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL LOW PORT2 InfoKey number: IK4006170 5620 SAM ID: 2489 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that the optical signal strength is very low on the link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006171 RFM SLAVE SIGNAL LOW PORT3

Table 3-401 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL LOW PORT3 InfoKey number: IK4006171 5620 SAM ID: 2490 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that the optical signal strength is very low on the link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006172 RFM SLAVE TRANS TX FAILURE PORT1

Table 3-402 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE TRANS TX FAILURE PORT1 InfoKey number: IK4006172 5620 SAM ID: 2491 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

IK4006173 RFM SLAVE TRANS TX FAILURE PORT2

Table 3-403 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE TRANS TX FAILURE PORT2 InfoKey number: IK4006173 5620 SAM ID: 2492 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

IK4006174 RFM SLAVE TRANS TX FAILURE PORT3

Table 3-404 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE TRANS TX FAILURE PORT3 InfoKey number: IK4006174 5620 SAM ID: 2493 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

IK4006175 RFM SLAVE BER PORT1

Table 3-405 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE BER PORT1 InfoKey number: IK4006175 5620 SAM ID: 2494 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006176 RFM SLAVE BER PORT2

Table 3-406 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE BER PORT2 InfoKey number: IK4006176 5620 SAM ID: 2495 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006177 RFM SLAVE BER PORT3

Table 3-407 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE BER PORT3 InfoKey number: IK4006177 5620 SAM ID: 2496 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006178 RFM SLAVE SIGNAL SDI PORT1

Table 3-408 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL SDI PORT1 InfoKey number: IK4006178 5620 SAM ID: 2497 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that the incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) is detected.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

IK4006179 RFM SLAVE SIGNAL SDI PORT2

Table 3-409 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL SDI PORT2 InfoKey number: IK4006179 5620 SAM ID: 2498 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that the incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) is detected.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

IK4006180 RFM SLAVE SIGNAL SDI PORT3

Table 3-410 General information

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL SDI PORT3 InfoKey number: IK4006180 5620 SAM ID: 2499 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This alarm indicates that the incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) is detected.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

IK4006181 RFM GAIN CONTROL WARNING TX1

Table 3-411 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX1 InfoKey number: IK4006181 5620 SAM ID: 2500 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006182 RFM GAIN CONTROL WARNING TX2

Table 3-412 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX2 InfoKey number: IK4006182 5620 SAM ID: 2501 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006183 RFM GAIN CONTROL WARNING TX3

Table 3-413 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX3 InfoKey number: IK4006183 5620 SAM ID: 2502 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006184 RFM GAIN CONTROL WARNING TX4

Table 3-414 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX4 InfoKey number: IK4006184 5620 SAM ID: 2503 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006185 RFM GAIN CONTROL WARNING TX5

Table 3-415 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX5 InfoKey number: IK4006185 5620 SAM ID: 2504 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006186 RFM GAIN CONTROL WARNING TX6

Table 3-416 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX6 InfoKey number: IK4006186 5620 SAM ID: 2505 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006187 RFM GAIN CONTROL WARNING TX7

Table 3-417 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX7 InfoKey number: IK4006187 5620 SAM ID: 2506 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006188 RFM GAIN CONTROL WARNING TX8

Table 3-418 General information

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX8 InfoKey number: IK4006188 5620 SAM ID: 2507 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

IK4006197 RFM MESSAGE THROTTLING

Table 3-419 General information

Alarm	Attributes	Supported releases
Name: RFM MESSAGE THROTTLING InfoKey number: IK4006197 5620 SAM ID: 2516 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the RFM is generating too many messages over the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Reset the RFM.		

IK4006214 RFM FAULT 1

Table 3-420 General information

Alarm	Attributes	Supported releases
Name: RFM FAULT 1 InfoKey number: IK4006214 5620 SAM ID: 3008 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4006215 RFM FAULT 2

Table 3-421 General information

Alarm	Attributes	Supported releases
Name: RFM FAULT 2 InfoKey number: IK4006215 5620 SAM ID: 3009 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4006216 RFM FAULT 3

Table 3-422 General information

Alarm	Attributes	Supported releases
Name: RFM FAULT 3 InfoKey number: IK4006216 5620 SAM ID: 3010 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4006217 RFM FAULT 4

Table 3-423 General information

Alarm	Attributes	Supported releases
Name: RFM FAULT 4 InfoKey number: IK4006217 5620 SAM ID: 3011 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4006218 RFM FAULT 5

Table 3-424 General information

Alarm	Attributes	Supported releases
Name: RFM FAULT 5 InfoKey number: IK4006218 5620 SAM ID: 3012 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4006219 RFM UNREADABLE MANUFACTURER DATA ATTACHED HW

Table 3-425 General information

Alarm	Attributes	Supported releases
Name: RFM UNREADABLE MANUFACTURER DATA ATTACHED HW InfoKey number: IK4006219 5620 SAM ID: 3013 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the failure to read the inventory record of an attached hardware (e.g. RDEM).		
Impact: Cells related to RFM are out of service.		
Remedial action: Check the attached hardware.		

IK4006236 RFM TTLNA1

Table 3-426 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA1 InfoKey number: IK4006236 5620 SAM ID: 3014 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006237 RFM TTLNA2

Table 3-427 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA2 InfoKey number: IK4006237 5620 SAM ID: 3015 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006238 RFM TTLNA3

Table 3-428 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA3 InfoKey number: IK4006238 5620 SAM ID: 3016 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006239 RFM TTLNA4

Table 3-429 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA4 InfoKey number: IK4006239 5620 SAM ID: 3017 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006240 RFM TTLNA5

Table 3-430 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA5 InfoKey number: IK4006240 5620 SAM ID: 3018 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006241 RFM TTLNA6

Table 3-431 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA6 InfoKey number: IK4006241 5620 SAM ID: 3019 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006242 RFM TTLNA7

Table 3-432 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA7 InfoKey number: IK4006242 5620 SAM ID: 3020 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006243 RFM TTLNA8

Table 3-433 General information

Alarm	Attributes	Supported releases
Name: RFM TTLNA8 InfoKey number: IK4006243 5620 SAM ID: 3021 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4006244 RFM LINK LOF PORT1

Table 3-434 General information

Alarm	Attributes	Supported releases
Name: RFM LINK LOF PORT1 InfoKey number: IK4006244 5620 SAM ID: 3022 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006245 RFM LINK LOF PORT2

Table 3-435 General information

Alarm	Attributes	Supported releases
Name: RFM LINK LOF PORT2 InfoKey number: IK4006245 5620 SAM ID: 3023 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006246 RFM LINK LOF PORT3

Table 3-436 General information

Alarm	Attributes	Supported releases
Name: RFM LINK LOF PORT3 InfoKey number: IK4006246 5620 SAM ID: 3024 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006247 RFM LINK LOS PORT1

Table 3-437 General information

Alarm	Attributes	Supported releases
Name: RFM LINK LOS PORT1 InfoKey number: IK4006247 5620 SAM ID: 3025 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006248 RFM LINK LOS PORT2

Table 3-438 General information

Alarm	Attributes	Supported releases
Name: RFM LINK LOS PORT2 InfoKey number: IK4006248 5620 SAM ID: 3026 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006249 RFM LINK LOS PORT3

Table 3-439 General information

Alarm	Attributes	Supported releases
Name: RFM LINK LOS PORT3 InfoKey number: IK4006249 5620 SAM ID: 3027 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006250 RFM LINK RAI PORT1

Table 3-440 General information

Alarm	Attributes	Supported releases
Name: RFM LINK RAI PORT1 InfoKey number: IK4006250 5620 SAM ID: 3028 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006251 RFM LINK RAI PORT2

Table 3-441 General information

Alarm	Attributes	Supported releases
Name: RFM LINK RAI PORT2 InfoKey number: IK4006251 5620 SAM ID: 3029 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006252 RFM LINK RAI PORT3

Table 3-442 General information

Alarm	Attributes	Supported releases
Name: RFM LINK RAI PORT3 InfoKey number: IK4006252 5620 SAM ID: 3030 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006253 RFM SIGNAL LOW PORT1

Table 3-443 General information

Alarm	Attributes	Supported releases
Name: RFM SIGNAL LOW PORT1 InfoKey number: IK4006253 5620 SAM ID: 3031 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006254 RFM SIGNAL LOW PORT2

Table 3-444 General information

Alarm	Attributes	Supported releases
Name: RFM SIGNAL LOW PORT2 InfoKey number: IK4006254 5620 SAM ID: 3032 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006255 RFM SIGNAL LOW PORT3

Table 3-445 General information

Alarm	Attributes	Supported releases
Name: RFM SIGNAL LOW PORT3 InfoKey number: IK4006255 5620 SAM ID: 3033 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006256 RFM TRANS TX FAILURE PORT1

Table 3-446 General information

Alarm	Attributes	Supported releases
Name: RFM TRANS TX FAILURE PORT1 InfoKey number: IK4006256 5620 SAM ID: 3034 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

IK4006257 RFM TRANS TX FAILURE PORT2

Table 3-447 General information

Alarm	Attributes	Supported releases
Name: RFM TRANS TX FAILURE PORT2 InfoKey number: IK4006257 5620 SAM ID: 3035 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

IK4006258 RFM TRANS TX FAILURE PORT3

Table 3-448 General information

Alarm	Attributes	Supported releases
Name: RFM TRANS TX FAILURE PORT3 InfoKey number: IK4006258 5620 SAM ID: 3036 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

IK4006259 RFM BER PORT1

Table 3-449 General information

Alarm	Attributes	Supported releases
Name: RFM BER PORT1 InfoKey number: IK4006259 5620 SAM ID: 3037 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006260 RFM BER PORT2

Table 3-450 General information

Alarm	Attributes	Supported releases
Name: RFM BER PORT2 InfoKey number: IK4006260 5620 SAM ID: 3038 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006261 RFM BER PORT3

Table 3-451 General information

Alarm	Attributes	Supported releases
Name: RFM BER PORT3 InfoKey number: IK4006261 5620 SAM ID: 3039 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

IK4006262 RFM SIGNAL SDI PORT1

Table 3-452 General information

Alarm	Attributes	Supported releases
Name: RFM SIGNAL SDI PORT1 InfoKey number: IK4006262 5620 SAM ID: 3040 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

IK4006263 RFM SIGNAL SDI PORT2

Table 3-453 General information

Alarm	Attributes	Supported releases
Name: RFM SIGNAL SDI PORT2 InfoKey number: IK4006263 5620 SAM ID: 3041 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

IK4006264 RFM SIGNAL SDI PORT3

Table 3-454 General information

Alarm	Attributes	Supported releases
Name: RFM SIGNAL SDI PORT3 InfoKey number: IK4006264 5620 SAM ID: 3042 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

IK4006265 RFM DL IDLE PATTERN MISMATCH

Table 3-455 General information

Alarm	Attributes	Supported releases
Name: RFM DL IDLE PATTERN MISMATCH InfoKey number: IK4006265 5620 SAM ID: 3043 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that DL idle patterns are detected (delay calibration failure).		
Impact: No impact on eNodeB.		
Remedial action: Reset the RFM. If the alarm persists, call the next level of support.		

IK4006266 RFM INCOMPATIBLE CONFIGURATION MAJOR

Table 3-456 General information

Alarm	Attributes	Supported releases
Name: RFM INCOMPATIBLE CONFIGURATION MAJOR InfoKey number: IK4006266 5620 SAM ID: 3044 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates an error while configuring the RFM module.		
Impact: The service is not possible on this RFM module.		
Remedial action: Reset RFM		

IK4006267 RFM INCOMPATIBLE CONFIGURATION WARNING

Table 3-457 General information

Alarm	Attributes	Supported releases
Name: RFM INCOMPATIBLE CONFIGURATION WARNING InfoKey number: IK4006267 5620 SAM ID: 3045 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): RFM Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates an error while configuring the RFM module, however cells are activated.		
Impact: The service may be degraded on this RFM module.		
Remedial action: Reset RFM		

IK4006268 RFM CONTROLLER MODE CONFLICT

Table 3-458 General information

Alarm	Attributes	Supported releases
Name: RFM CONTROLLER MODE CONFLICT InfoKey number: IK4006268 5620 SAM ID: 3046 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates LTE and the secondary technology are both set as primary controller.		
Impact: The service is not possible on this RFM module.		
Remedial action: Reconfigure at least one controller to secondary		

IK4006269 RFM LOCAL CELL POWER LIMIT EXCEEDED

Table 3-459 General information

Alarm	Attributes	Supported releases
Name: RFM LOCAL CELL POWER LIMIT EXCEEDED InfoKey number: IK4006269 5620 SAM ID: 3047 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the downlink total power for a cell assigned to this RFM exceeds the local cell power limit.		
Impact: The service is not possible on this RFM module.		
Remedial action: Reconfigure downlink maximum power for the cell assigned to this RFM, or increase the Local Cell Power Limit for the RFM (via NEM)		

IK4006270 RFM DATA SYNCH

Table 3-460 General information

Alarm	Attributes	Supported releases
Name: RFM DATA SYNCH InfoKey number: IK4006270 5620 SAM ID: 3048 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: datasetOrModemError Default probable cause ID: 1150 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: A multistandard RFM has detected a clock rate mismatch in the IQ data streams from the two controllers.		
Impact: The service is not possible on this RFM module.		
Remedial action: Correct the reference frequency source at the controllers.		

IK4006271 RFM CELL DATA CONFLICT

Table 3-461 General information

Alarm	Attributes	Supported releases
Name: RFM CELL DATA CONFLICT InfoKey number: IK4006271 5620 SAM ID: 3049 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a conflict in the cell configuration from two controllers.		
Impact: The service is not possible on this RFM module.		
Remedial action: Change the parameters for the cells assigned to this RFM to correct the conflict.		

IK4006272 RFM TX1 VSWR THRESH1

Table 3-462 General information

Alarm	Attributes	Supported releases
Name: RFM TX1 VSWR THRESH1 InfoKey number: IK4006272 5620 SAM ID: 3050 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006273 RFM TX2 VSWR THRESH1

Table 3-463 General information

Alarm	Attributes	Supported releases
Name: RFM TX2 VSWR THRESH1 InfoKey number: IK4006273 5620 SAM ID: 3051 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006274 RFM TX3 VSWR THRESH1

Table 3-464 General information

Alarm	Attributes	Supported releases
Name: RFM TX3 VSWR THRESH1 InfoKey number: IK4006274 5620 SAM ID: 3052 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006275 RFM TX4 VSWR THRESH1

Table 3-465 General information

Alarm	Attributes	Supported releases
Name: RFM TX4 VSWR THRESH1 InfoKey number: IK4006275 5620 SAM ID: 3053 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006276 RFM TX5 VSWR THRESH1

Table 3-466 General information

Alarm	Attributes	Supported releases
Name: RFM TX5 VSWR THRESH1 InfoKey number: IK4006276 5620 SAM ID: 3054 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006277 RFM TX6 VSWR THRESH1

Table 3-467 General information

Alarm	Attributes	Supported releases
Name: RFM TX6 VSWR THRESH1 InfoKey number: IK4006277 5620 SAM ID: 3055 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006278 RFM TX7 VSWR THRESH1

Table 3-468 General information

Alarm	Attributes	Supported releases
Name: RFM TX7 VSWR THRESH1 InfoKey number: IK4006278 5620 SAM ID: 3056 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4006279 RFM TX8 VSWR THRESH1

Table 3-469 General information

Alarm	Attributes	Supported releases
Name: RFM TX8 VSWR THRESH1 InfoKey number: IK4006279 5620 SAM ID: 3057 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

IK4007001 BRC CC WARNING

Table 3-470 General information

Alarm	Attributes	Supported releases
Name: BRC CC WARNING InfoKey number: IK4007001 5620 SAM ID: 2533 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the BRC-CC reported a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007002 BRC UC FAILED

Table 3-471 General information

Alarm	Attributes	Supported releases
Name: BRC UC FAILED InfoKey number: IK4007002 5620 SAM ID: 2534 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the UeCallIP detected a no-response from BRC-UC.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

IK4007004 BRC UC WARNING

Table 3-472 General information

Alarm	Attributes	Supported releases
Name: BRC UC WARNING InfoKey number: IK4007004 5620 SAM ID: 2535 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the BRC-UC reported a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007005 CALLP MANAGER WARNING

Table 3-473 General information

Alarm	Attributes	Supported releases
Name: CALLP MANAGER WARNING InfoKey number: IK4007005 5620 SAM ID: 2536 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that CallP Manager reports a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007006 CELL CALLP WARNING

Table 3-474 General information

Alarm	Attributes	Supported releases
Name: CELL CALLP WARNING InfoKey number: IK4007006 5620 SAM ID: 2537 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that Cell CallP reports a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007008 CELL SETUP UBM FAILED

Table 3-475 General information

Alarm	Attributes	Supported releases
Name: CELL SETUP UBM FAILED InfoKey number: IK4007008 5620 SAM ID: 2538 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates a non-response of UBM detected in the Cell Setup procedure.		
Impact: The LTE service is not possible.		
Remedial action: Call the next level of support.		

IK4007010 L1L2 CONFIG ERROR CE CELL SETUP

Table 3-476 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CE CELL SETUP InfoKey number: IK4007010 5620 SAM ID: 2539 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates a configuration error detected in the Cell Setup procedure by the BB CE entity.		
Impact: The LTE service is not possible for this cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

IK4007011 L1L2 CONFIG ERROR CE GLOBAL SETUP

Table 3-477 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CE GLOBAL SETUP InfoKey number: IK4007011 5620 SAM ID: 2540 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates a configuration error detected in the Global Setup procedure by the BB CE entity.		
Impact: The LTE service is not possible.		
Remedial action: Verify and correct the configuration data in the Enb MO.		

IK4007012 L1L2 CONFIG ERROR PQ3 CELL SETUP

Table 3-478 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR PQ3 CELL SETUP InfoKey number: IK4007012 5620 SAM ID: 2541 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates a configuration error detected in the Cell Setup procedure by the BB PQ3 UPA entity.		
Impact: The LTE service is not possible for this cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

IK4007013 L1L2 CONFIG ERROR PQ3 GLOBAL SETUP

Table 3-479 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR PQ3 GLOBAL SETUP InfoKey number: IK4007013 5620 SAM ID: 2542 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates a configuration error detected in the Global Setup procedure by the BB PQ3 UPA entity.		
Impact: The LTE service is not possible.		
Remedial action: Verify and correct the configuration data in the Enb MO.		

IK4007019 UBM FAILED

Table 3-480 General information

Alarm	Attributes	Supported releases
Name: UBM FAILED InfoKey number: IK4007019 5620 SAM ID: 2543 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a non-response of UBM entity detected by UeCallP.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

IK4007021 UE CALLP WARNING

Table 3-481 General information

Alarm	Attributes	Supported releases
Name: UE CALLP WARNING InfoKey number: IK4007021 5620 SAM ID: 2544 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a warning reported by UeCallP.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007022 MME S1 SETUP FAILURE RESPONSE

Table 3-482 General information

Alarm	Attributes	Supported releases
Name: MME S1 SETUP FAILURE RESPONSE InfoKey number: IK4007022 5620 SAM ID: 2545 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a persistent S1_SETUP_FAILURE_RESPONSE from MME detected by CallIPMgr.		
Impact: If S1 flex is available, the eNodeB performance is low. If the S1 flex is not available, the eNodeB service is not possible.		
Remedial action: Check the behavior of the MME.		

IK4007023 MME S1 SETUP NO RESPONSE

Table 3-483 General information

Alarm	Attributes	Supported releases
Name: MME S1 SETUP NO RESPONSE InfoKey number: IK4007023 5620 SAM ID: 2546 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a persistent NO_RESPONSE from MME detected by CallIPMgr.		
Impact: If S1 flex is available, the eNodeB performance is low. If the S1 flex is not available, the eNodeB service is not possible.		
Remedial action: Check the behavior of the MME.		

IK4007026 ENB CANDIDATE X2 SETUP FAILURE

Table 3-484 General information

Alarm	Attributes	Supported releases
Name: ENB CANDIDATE X2 SETUP FAILURE InfoKey number: IK4007026 5620 SAM ID: 2547 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a persistent X2_SETUP_FAILURE from eNodeB_CANDIDATE detected by CallpMgr.		
Impact: If multiple X2 are available, the eNodeB performance is low. If an X2 is present, the eNodeB service is not available.		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

IK4007027 ENB CANDIDATE X2 SETUP NO RESPONSE

Table 3-485 General information

Alarm	Attributes	Supported releases
Name: ENB CANDIDATE X2 SETUP NO RESPONSE InfoKey number: IK4007027 5620 SAM ID: 2548 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a persistent NO_RESPONSE from eNodeB_CANDIDATE detected by CallpMgr.		
Impact: If multiple X2 are available, the eNodeB performance is low. If an X2 is present, the eNodeB service is not available.		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

IK4007045 ENB X2 SETUP REQ RESP FAIL UNKNOWN X2 ACCESS ID

Table 3-486 General information

Alarm	Attributes	Supported releases
Name: ENB X2 SETUP REQ RESP FAIL UNKNOWN X2 ACCESS ID InfoKey number: IK4007045 5620 SAM ID: 2549 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: The eNodeB is implementing a check for future IOT. Common message like X2SAP X2 SETUP REQUEST/RESPONSE/FAILURE are received on a known X2 Access Id. If an unsolicited X2SAP X2 SETUP REQUEST message is received on an unknown X2 Access Id, the eNodeB answers with a X2SAP SETUP FAILURE and raises the event. If an unsolicited X2SAP X2 SETUP RESPONSE/FAILURE message is received on an unknown X2 ACCESS Id the eNodeB ignores the message and raises the event.		
Impact: If multiple X2 are available, the eNodeB performance is low. If an X2 is present, the eNodeB service is not available.		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

IK4007046 ANR X2IP ADDR RETRIEVAL FAILURE

Table 3-487 General information

Alarm	Attributes	Supported releases
Name: ANR X2IP ADDR RETRIEVAL FAILURE InfoKey number: IK4007046 5620 SAM ID: 2550 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the X2 IP address retrieval failure. When this alarm is raised, X2TarnsportLayerAccess is {Disabled, Failed} (and X2Access {Disabled, dependency}).		
Impact: The X2 link is not established until a valid IP address is assigned.		
Remedial action: Set the IP address manually.		

IK4007051 END OF ANR ACTIVE PHASE

Table 3-488 General information

Alarm	Attributes	Supported releases
Name: END OF ANR ACTIVE PHASE InfoKey number: IK4007051 5620 SAM ID: 2551 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the end of the intra-frequency LTE ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007052 CALLTRACE ACTIVATION FAILURE

Table 3-489 General information

Alarm	Attributes	Supported releases
Name: CALLTRACE ACTIVATION FAILURE InfoKey number: IK4007052 5620 SAM ID: 2552 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to activate a new trace recording session.		
Impact: No impact on eNodeB.		
Remedial action: Retry to activate the trace recording session.		

IK4007053 CALLTRACE SIGN TRACE STOPPED BY MGT TRACE

Table 3-490 General information

Alarm	Attributes	Supported releases
Name: CALLTRACE SIGN TRACE STOPPED BY MGT TRACE InfoKey number: IK4007053 5620 SAM ID: 2553 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the signaling based trace session is stopped when eNodeB received a management based trace session activation request.		
Impact: No impact on eNodeB.		
Remedial action: On completion of the management based trace session, reactivate the signaling based trace session.		

IK4007054 CALLTRACE COLLECTION FAILURE

Table 3-491 General information

Alarm	Attributes	Supported releases
Name: CALLTRACE COLLECTION FAILURE InfoKey number: IK4007054 5620 SAM ID: 2554 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to collect trace data.		
Impact: No impact on eNodeB.		
Remedial action: Retry to activate the trace session.		

IK4007055 CALLTRACE INVALID PARAMETER

Table 3-492 General information

Alarm	Attributes	Supported releases
Name: CALLTRACE INVALID PARAMETER InfoKey number: IK4007055 5620 SAM ID: 2555 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This even indicates the parameter received for call trace is invalid.		
Impact: Call Trace session is de-activated.		
Remedial action: Verify and correct the Call Trace parameters. Retry to activate the trace session.		

IK4007056 DSIM CELL AUTO BARRED

Table 3-493 General information

Alarm	Attributes	Supported releases
Name: DSIM CELL AUTO BARRED InfoKey number: IK4007056 5620 SAM ID: 2556 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the cell is auto-barred. If Dynamic Sysinfo Modification feature activated and MIM parameter LteCell.cellBarred set to 'notBarredAutoBarrable', the cell is auto-barred due to S1 service loss. This alarm is cleared when the cell is auto-unbarred due to S1 service recovery. When this alarm is raised, the related LteCell instance is {Enabled, Off-duty}.		
Impact: The cell cannot provide service as the cell is barred from use.		
Remedial action: Resolve the S1 faults and restore S1 service.		

IK4007057 MME S1AP COMMON MESSAGE BAD ROUTING

Table 3-494 General information

Alarm	Attributes	Supported releases
Name: MME S1AP COMMON MESSAGE BAD ROUTING InfoKey number: IK4007057 5620 SAM ID: 2557 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the UeCallIp was routed a non-UE associated message.		
Impact: The UeCallIP discards the non-UE associated message.		
Remedial action: No action is required.		

IK4007058 MME S1AP DEDICATED MESSAGE BAD ROUTING

Table 3-495 General information

Alarm	Attributes	Supported releases
Name: MME S1AP DEDICATED MESSAGE BAD ROUTING InfoKey number: IK4007058 5620 SAM ID: 2558 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that CallPmgr was routed an UE associated message, that was therefore discarded.		
Impact: The CallIPMgr discards the UE associated message.		
Remedial action: No action is required.		

IK4007059 ENB X2AP MESSAGE MISMATCH

Table 3-496 General information

Alarm	Attributes	Supported releases
Name: ENB X2AP MESSAGE MISMATCH InfoKey number: IK4007059 5620 SAM ID: 2559 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the fault when X2AP message including 'served cell info' is received. CallP cross-checks in the MiM neighboring cells relating to a remote eNodeB with list of served cells received from the current eNodeB. This fault can be triggered upon reception of X2AP X2 SETUP REQUEST, X2AP X2 SETUP RESPONSE or X2AP ENB CONFIGURATION UPDATE. This event is not used when ANR is activated because the cross-check is not performed.		
Impact: The eNodeB performance is low. The ENB configurations are not coherent. The callIP uses MiM data for mobility that leads to handover failures.		
Remedial action: Check for consistency between the initiating and candidate ENodeBs provisioning. Ensure that the configuration of eNodeB1 of neighboring cells corresponding to eNodeB2 matches the configuration in eNodeB2 of served cells.		

IK4007060 CELL INCORRECT PARAMETER SETTING

Table 3-497 General information

Alarm	Attributes	Supported releases
Name: CELL INCORRECT PARAMETER SETTING InfoKey number: IK4007060 5620 SAM ID: 2560 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the parameter set by the operator exceeds the hardware or the software capabilities of the module. The alarm is cleared when the parameter value is within the hardware or software capabilities.		
Impact: LteCell configuration is not possible.		
Remedial action: Check the parameters for hardware capabilities. If required, change the hardware to match the request.		

IK4007061 RADIOCAC INCORRECT PARAMETER SETTING

Table 3-498 General information

Alarm	Attributes	Supported releases
Name: RADIOCAC INCORRECT PARAMETER SETTING InfoKey number: IK4007061 5620 SAM ID: 2561 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: major Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This alarm indicates that the parameter set by the operator exceeds the hardware or the software capabilities of the module. The alarm is cleared when the parameter value is within the hardware or software capabilities.		
Impact: LteCell configuration is not possible.		
Remedial action: Check the parameters for hardware capabilities. If required, change the hardware to match the request.		

IK4007062 CAC FAILURE DETECTION

Table 3-499 General information

Alarm	Attributes	Supported releases
Name: CAC FAILURE DETECTION InfoKey number: IK4007062 5620 SAM ID: 2562 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: major Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates the lack of capacity to add radio bearers or new UEs. The alarm is cleared when the calls are not rejected due to CAC failure over a period of time.		
Impact: Calls or Bearers establishment are rejected.		
Remedial action: Check the parameters for hardware capabilities. If required, change the hardware to match the request.		

IK4007063 CE CELL SETUP REFUSED

Table 3-500 General information

Alarm	Attributes	Supported releases
Name: CE CELL SETUP REFUSED InfoKey number: IK4007063 5620 SAM ID: 2563 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates that the BB CE rejected the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Call the next level of support.		

IK4007064 CE CELL SETUP TIMEOUT

Table 3-501 General information

Alarm	Attributes	Supported releases
Name: CE CELL SETUP TIMEOUT InfoKey number: IK4007064 5620 SAM ID: 2564 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates a no-response from BB CE entity detected during the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the cell. If the alarm persists, call the next level of support.		

IK4007065 CE GLOBAL SETUP REFUSED

Table 3-502 General information

Alarm	Attributes	Supported releases
Name: CE GLOBAL SETUP REFUSED InfoKey number: IK4007065 5620 SAM ID: 2565 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates that the BB CE rejected the global setup.		
Impact: The BB service is not possible.		
Remedial action: Call the next level of support.		

IK4007066 CE GLOBAL SETUP TIMEOUT

Table 3-503 General information

Alarm	Attributes	Supported releases
Name: CE GLOBAL SETUP TIMEOUT InfoKey number: IK4007066 5620 SAM ID: 2566 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates a no-response from BB CE in the global setup procedure.		
Impact: The BB service is not possible.		
Remedial action: Lock and unlock the BB. If the alarm persists, call the next level of support.		

IK4007067 PQ3 CELL SETUP REFUSED

Table 3-504 General information

Alarm	Attributes	Supported releases
Name: PQ3 CELL SETUP REFUSED InfoKey number: IK4007067 5620 SAM ID: 2567 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates that the BB PQ3 rejected the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Call the next level of support.		

IK4007068 PQ3 CELL SETUP TIMEOUT

Table 3-505 General information

Alarm	Attributes	Supported releases
Name: PQ3 CELL SETUP TIMEOUT InfoKey number: IK4007068 5620 SAM ID: 2568 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates a no-response from BB PQ3 entity detected during the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the cell. If the alarm persists, call the next level of support.		

IK4007069 PQ3 GLOBAL SETUP REFUSED

Table 3-506 General information

Alarm	Attributes	Supported releases
Name: PQ3 GLOBAL SETUP REFUSED InfoKey number: IK4007069 5620 SAM ID: 2569 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates that the BB PQ3 rejected the global setup.		
Impact: The BB service is not possible.		
Remedial action: Call the next level of support.		

IK4007070 PQ3 GLOBAL SETUP TIMEOUT

Table 3-507 General information

Alarm	Attributes	Supported releases
Name: PQ3 GLOBAL SETUP TIMEOUT InfoKey number: IK4007070 5620 SAM ID: 2570 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0
Description: This alarm indicates a no-response from BB PQ3 in the global setup procedure.		
Impact: The BB service is not possible.		
Remedial action: Lock and unlock the BB. If the alarm persists, call the next level of support.		

IK4007071 L1L2 SYS INFO REFUSED

Table 3-508 General information

Alarm	Attributes	Supported releases
Name: L1L2 SYS INFO REFUSED InfoKey number: IK4007071 5620 SAM ID: 2571 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the BB L1/L2 entity rejected system information broadcast.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Call the next level of support.		

IK4007072 L1L2 SYS INFO TIMEOUT

Table 3-509 General information

Alarm	Attributes	Supported releases
Name: L1L2 SYS INFO TIMEOUT InfoKey number: IK4007072 5620 SAM ID: 2572 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a no-response from BB L1/L2 entity detected during the system information broadcast procedure.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the Cell. If the alarm persists, call the next level of support.		

IK4007073 L1L2 CONFIG ERROR CELL SETUP

Table 3-510 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CELL SETUP InfoKey number: IK4007073 5620 SAM ID: 2573 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a configuration error from BB L1/L2 entity detected during the Cell Setup procedure.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

IK4007074 L1L2 CELL SETUP REFUSED

Table 3-511 General information

Alarm	Attributes	Supported releases
Name: L1L2 CELL SETUP REFUSED InfoKey number: IK4007074 5620 SAM ID: 2574 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the BB L1/L2 entity rejected the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Call the next level of support.		

IK4007075 L1L2 CELL SETUP TIMEOUT

Table 3-512 General information

Alarm	Attributes	Supported releases
Name: L1L2 CELL SETUP TIMEOUT InfoKey number: IK4007075 5620 SAM ID: 2575 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a no-response from BB L1/L2 entity detected during the Cell Setup procedure .		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the cell. If the alarm persists, call the next level of support.		

IK4007076 L1L2 CONFIG ERROR GLOBAL SETUP

Table 3-513 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR GLOBAL SETUP InfoKey number: IK4007076 5620 SAM ID: 2576 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a configuration error from BB L1/L2 entity detected during the Global Setup procedure.		
Impact: The LTE service is not possible.		
Remedial action: Verify and correct the configuration data in the eNB MO.		

IK4007077 L1L2 GLOBAL SETUP REFUSED

Table 3-514 General information

Alarm	Attributes	Supported releases
Name: L1L2 GLOBAL SETUP REFUSED InfoKey number: IK4007077 5620 SAM ID: 2577 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the BB L1/L2 entity rejected the global setup.		
Impact: The BB service is not possible.		
Remedial action: Call the next level of support.		

IK4007078 L1L2 GLOBAL SETUP TIMEOUT

Table 3-515 General information

Alarm	Attributes	Supported releases
Name: L1L2 GLOBAL SETUP TIMEOUT InfoKey number: IK4007078 5620 SAM ID: 2578 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a no-response from BB L1/L2 entity detected during the Global Setup procedure.		
Impact: The BB service is not possible.		
Remedial action: Lock and unlock the BB. If the alarm persists, call the next level of support.		

IK4007079 L1L2 CONFIG ERROR SYS INFO

Table 3-516 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR SYS INFO InfoKey number: IK4007079 5620 SAM ID: 2579 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates configuration error from BB L1/L2 enitity detected during system information broadcast.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

IK4007080 CAC FAILURE BEGIN

Table 3-517 General information

Alarm	Attributes	Supported releases
Name: CAC FAILURE BEGIN InfoKey number: IK4007080 5620 SAM ID: 2580 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that CallP reported a CAC failure.		
Impact: Some calls are rejected.		
Remedial action: No action is required.		

IK4007081 CAC FAILURE END

Table 3-518 General information

Alarm	Attributes	Supported releases
Name: CAC FAILURE END InfoKey number: IK4007081 5620 SAM ID: 2581 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that CallP reported the expiration of the monitoring time interval timer.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007082 L1L2 CONFIG MEAS FAILURE

Table 3-519 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG MEAS FAILURE InfoKey number: IK4007082 5620 SAM ID: 2582 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that Measurement Configuration failed at L1/L2 entity level.		
Impact: No impact on eNodeB. Radio Access Control evolution feature not activated.		
Remedial action: Call the next level of support.		

IK4007083 PCI COLLISION DETECTED UNDER RESOLUTION

Table 3-520 General information

Alarm	Attributes	Supported releases
Name: PCI COLLISION DETECTED UNDER RESOLUTION InfoKey number: IK4007083 5620 SAM ID: 2583 Type: operationalViolation Alarm type ID: 93	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a PCI collision between the cell and a neighbour one. The eNodeB attempts for a resolution.		
Impact: Interference in reference signal of conflicting cells, preventing potentially Ues to select these cells.		
Remedial action: If the alarm perists, call the next level of support.		

IK4007084 PCI COLLISION DETECTED

Table 3-521 General information

Alarm	Attributes	Supported releases
Name: PCI COLLISION DETECTED InfoKey number: IK4007084 5620 SAM ID: 2584 Type: operationalViolation Alarm type ID: 93	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a PCI collision between the cell and a neighbour one. A manual intervention is needed to solve the problem. This can happen in the following cases: - The conflict could not be solved autonomously by the eNB; - The automatic PCI allocation is not activated		
Impact: Interference in reference signal of conflicting cells, preventing potentially Ues to select these cells.		
Remedial action: Increase the list of allowed PCI values, either for the local or for the distant eNodeB.		

IK4007085 PCI CONFUSION DETECTED UNDER RESOLUTION

Table 3-522 General information

Alarm	Attributes	Supported releases
Name: PCI CONFUSION DETECTED UNDER RESOLUTION InfoKey number: IK4007085 5620 SAM ID: 2585 Type: operationalViolation Alarm type ID: 93	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a PCI confusion between the cell and a neighbour one. The eNodeB attempts for a resolution.		
Impact: Mobility procedure triggered in the cell is directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: If the alarm perists, call the next level of support.		

IK4007086 PCI CONFUSION

Table 3-523 General information

Alarm	Attributes	Supported releases
Name: PCI CONFUSION InfoKey number: IK4007086 5620 SAM ID: 2586 Type: operationalViolation Alarm type ID: 93	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a PCI confusion between the cell and a neighbour one. A manual intervention is needed to solve the problem. This can happen in the following cases: - The conflict could not be solved autonomously by the eNB; - The automatic PCI allocation is not activated		
Impact: Mobility procedure triggered in the cell is directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: Increase the list of allowed PCI values, either for the local or for the distant eNodeB.		

IK4007087 PCI CONFUSION NEIGHB CELLS

Table 3-524 General information

Alarm	Attributes	Supported releases
Name: PCI CONFUSION NEIGHB CELLS InfoKey number: IK4007087 5620 SAM ID: 2587 Type: operationalViolation Alarm type ID: 93	Severity: critical Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a PCI confusion between several neighbour cells. A manual intervention is needed to solve the problem. This issue may affect mobiility procedures in any of the eNodeB cells.		
Impact: Mobility procedure triggered in the cell is directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: Modify the list of allowed PCI values for the serving eNodeB conflicting with the neighboring cells.		

IK4007088 ENB X2 COMMON MESSAGE BAD ROUTING

Table 3-525 General information

Alarm	Attributes	Supported releases
Name: ENB X2 COMMON MESSAGE BAD ROUTING InfoKey number: IK4007088 5620 SAM ID: 2588 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates a X2-AP non-UE associated message is routed to UeCallP.		
Impact: The X2-AP non-UE associated message is not processed and is discarded by UeCallP.		
Remedial action: No action is required.		

IK4007089 ENB X2 DEDICATED MESSAGE BAD ROUTING

Table 3-526 General information

Alarm	Attributes	Supported releases
Name: ENB X2 DEDICATED MESSAGE BAD ROUTING InfoKey number: IK4007089 5620 SAM ID: 2589 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates a X2-AP UE associated message is routed to CallPMgr.		
Impact: The X2-AP UE associated message is not processed and is discarded by CallPMgr.		
Remedial action: No action is required.		

IK4007091 PCI DETECTION OF INTERFERENCE

Table 3-527 General information

Alarm	Attributes	Supported releases
Name: PCI DETECTION OF INTERFERENCE InfoKey number: IK4007091 5620 SAM ID: 2590 Type: operationalViolation Alarm type ID: 93	Severity: critical Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the PCI interference.		
Impact: Interference in reference signal of conflicting cells. Impacts UE performance in the cells.		
Remedial action: Increase the list of allowed PCI values for the serving eNodeB. The eNodeB must be able to allocate PCIs that are different modulo 3 for its cells (or for a cell and 2 co-sector cells).		

IK4007092 PCI ASSIGNMENT

Table 3-528 General information

Alarm	Attributes	Supported releases
Name: PCI ASSIGNMENT InfoKey number: IK4007092 5620 SAM ID: 2591 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the PCI of the cell is assigned or re-assigned by the eNodeB during eNodeB startup.		
Impact: The Cell is running with a new PCI. The new value will be synched up to SAM shortly.		
Remedial action: No action is required.		

IK4007093 ANR SERVED CELL INFO NOT HANDLED

Table 3-529 General information

Alarm	Attributes	Supported releases
Name: ANR SERVED CELL INFO NOT HANDLED InfoKey number: IK4007093 5620 SAM ID: 2592 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the served cell and neighbor cell information received over X2 interface is not handled, because internal eNodeB tables reached the dimensioning limits.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007094 ENB CANDIDATE X2 ENB CONFIGURATION UPDATE FAILURE

Table 3-530 General information

Alarm	Attributes	Supported releases
Name: ENB CANDIDATE X2 ENB CONFIGURATION UPDATE FAILURE InfoKey number: IK4007094 5620 SAM ID: 2593 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates a persistent X2_ENB_CONFIGURATION_UPDATE _FAILURE message from eNB_Candidate eNodeB2 network element detected by CallpMgr.		
Impact: The service is degraded (with multiple X2s). The service is no longer available (without multiple X2s).		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

IK4007095 ENB CANDIDATE X2 ENB CONFIGURATION UPDATE NO RESPONSE

Table 3-531 General information

Alarm	Attributes	Supported releases
Name: ENB CANDIDATE X2 ENB CONFIGURATION UPDATE NO RESPONSE InfoKey number: IK4007095 5620 SAM ID: 2594 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates a persistent NO_RESPONSE from eNodeB_CANDIDATE eNodeB2 network element detected by CallpMgr.		
Impact: The service is degraded (with multiple X2s). The service is no longer available (without multiple X2s).		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

IK4007096 MME S1 ENB CONFIGURATION UPDATE FAILURE RESPONSE

Table 3-532 General information

Alarm	Attributes	Supported releases
Name: MME S1 ENB CONFIGURATION UPDATE FAILURE RESPONSE InfoKey number: IK4007096 5620 SAM ID: 2595 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates a persistent S1_ENB_CONFIGURATION_UPDATE_FAILURE_RESPONSE from MME network element detected by CallpMgr.		
Impact: The service is degraded (with S1 flex). The service is no longer available (without S1 flex).		
Remedial action: Check the configuration and behavior of the MME.		

IK4007097 MME S1 ENB CONFIGURATION UPDATE NO RESPONSE

Table 3-533 General information

Alarm	Attributes	Supported releases
Name: MME S1 ENB CONFIGURATION UPDATE NO RESPONSE InfoKey number: IK4007097 5620 SAM ID: 2596 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates a persistent NO_RESPONSE from MME network element detected by CallpMgr.		
Impact: The service is degraded (with S1 flex). The service is no longer available (without S1 flex).		
Remedial action: Check the configuration and behavior of the MME.		

IK4007098 INCONSISTENT IP ADDRESS

Table 3-534 General information

Alarm	Attributes	Supported releases
Name: INCONSISTENT IP ADDRESS InfoKey number: IK4007098 5620 SAM ID: 2597 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the IP address attached to X2TransportLayerAccess instance depending on the X2Access instance is not correct.		
Impact: No impact on eNodeB.		
Remedial action: Verify and correct the configuration data.		

IK4007099 GERAN SYS INFO TRANSFER INITIATION REPORT FAILURE

Table 3-535 General information

Alarm	Attributes	Supported releases
Name: GERAN SYS INFO TRANSFER INITIATION REPORT FAILURE InfoKey number: IK4007099 5620 SAM ID: 2598 Type: communicationsAlarm Alarm type ID: 4	Severity: minor Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that CallP does not manage to retrieve the system information (SI/PSI) of a target GERAN cell using RIM RAN-INFORMATION-REQUEST/multiple report.		
Impact: The service is degraded: the eNodeB is not able to provide SI/PSI of the target GERAN Cell identified in the Cell Change Order command sent to the UE.		
Remedial action: Check for the proper functioning of the following:1. GERAN cell provisioning2. RIM support for MME and SGSN3. IP routing path between eNodeB S1 interface IP endpoint and target BSC.		

IK4007100 GERAN SYS INFO TRANSFER STOP FAILURE

Table 3-536 General information

Alarm	Attributes	Supported releases
Name: GERAN SYS INFO TRANSFER STOP FAILURE InfoKey number: IK4007100 5620 SAM ID: 2599 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that CallP does not manage to stop event-driven system information (SI/PSI) of a target GERAN Cell using RIM RAN-INFORMATION-REQUEST/stop.		
Impact: No impact on service.		
Remedial action: Check for the proper functioning of the following:1. GERAN cell provisioning2. RIM support for MME and SGSN3. IP routing path between eNodeB S1 interface IP endpoint and target BSC.		

IK4007101 GERAN SYS INFO UPDATE END

Table 3-537 General information

Alarm	Attributes	Supported releases
Name: GERAN SYS INFO UPDATE END InfoKey number: IK4007101 5620 SAM ID: 2600 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the eNodeB CallP has received RIM RAN-INFORMATION/end message from a target BSC indicating that event-driven system information update for a target GERAN cell has been stopped.		
Impact: The service is degraded: the eNodeB is not able to provide SI/PSI of the target GERAN cell identified in Cell Change Order command sent to the UE.		
Remedial action: Check for the GERAN cell provisioning.		

IK4007102 RAN INFORMATION ERROR

Table 3-538 General information

Alarm	Attributes	Supported releases
Name: RAN INFORMATION ERROR InfoKey number: IK4007102 5620 SAM ID: 2601 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that there is an error in RIM container IE when eNodeB receive RIM message from peer node or RAN-INFORMATION-ERROR message is received from peer node.		
Impact: This is an IOT issue.		
Remedial action: No action is required.		

IK4007103 RAN INFORMATION APPLICATION ERROR

Table 3-539 General information

Alarm	Attributes	Supported releases
Name: RAN INFORMATION APPLICATION ERROR InfoKey number: IK4007103 5620 SAM ID: 2602 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates there is an error in application container IE or there is application error container IE when eNodeB receive RIM message from peer node.		
Impact: This is an IOT issue.		
Remedial action: No action is required.		

IK4007104 CELL SETUP ARP TIMEOUT

Table 3-540 General information

Alarm	Attributes	Supported releases
Name: CELL SETUP ARP TIMEOUT InfoKey number: IK4007104 5620 SAM ID: 2603 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a non-response to an ARP resolution request detected during the Cell Setup procedure.		
Impact: LteCell configuration is not possible.		
Remedial action: Call the next level of support.		

IK4007105 L1L2 CONFIG REFUSED CELL DELETE

Table 3-541 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG REFUSED CELL DELETE InfoKey number: IK4007105 5620 SAM ID: 2604 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the cell deletion for logical cell resetting procedure is rejected by the BB entity.		
Impact: The service is not possible on this BB		
Remedial action: Lock then unlock the BB.		

IK4007106 L1L2 CONFIG TIMEOUT CELL DELETE

Table 3-542 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG TIMEOUT CELL DELETE InfoKey number: IK4007106 5620 SAM ID: 2605 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a non-response from BB entity for cell deletion in the logical cell resetting procedure.		
Impact: The service is not possible on this BB		
Remedial action: Lock then unlock the BB.		

IK4007107 CELL CLEAN UP FAILURE

Table 3-543 General information

Alarm	Attributes	Supported releases
Name: CELL CLEAN UP FAILURE InfoKey number: IK4007107 5620 SAM ID: 2606 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a cell deletion failure when cell clean-up is triggered by LteCell instance deletion online, parameter update or when software failure happens		
Impact: The service is not possible on this BB		
Remedial action: Lock then unlock the BB.		

IK4007108 ENB X2 PLMN INCONSISTENCY

Table 3-544 General information

Alarm	Attributes	Supported releases
Name: ENB X2 PLMN INCONSISTENCY InfoKey number: IK4007108 5620 SAM ID: 2607 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates an inconsistency between the PLMN ID of Global eNB ID, Served Cell Information or Neighbour Information received from candidate eNB in X2AP message (X2 SETUP REQUEST, X2 SETUP RESPONSE, ENB CONFIGURATION UPDATE) and local eNodeB's PLMN ID.		
Impact: Handover to the remote eNodeB is restricted.		
Remedial action: Cross-check eNodeBs (initiating and candidate) provisioning.		

IK4007109 L1L2 CONFIG ERROR CELL UPDATE

Table 3-545 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CELL UPDATE InfoKey number: IK4007109 5620 SAM ID: 2608 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a configuration error detected by BB entity for the cell update procedure.		
Impact: The service is not possible on this cell.		
Remedial action: Check and correct the wrong parameter.		

IK4007110 L1L2 CONFIG REFUSED CELL UPDATE

Table 3-546 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG REFUSED CELL UPDATE InfoKey number: IK4007110 5620 SAM ID: 2609 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a cell update is refused by the BB entity.		
Impact: The service is not possible on this cell.		
Remedial action: Call the next level of support.		

IK4007111 L1L2 CONFIG TIMEOUT CELL UPDATE

Table 3-547 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG TIMEOUT CELL UPDATE InfoKey number: IK4007111 5620 SAM ID: 2610 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a non-response by the BB entity to the cell update procedure.		
Impact: The service is not possible on this cell.		
Remedial action: Call the next level of support.		

IK4007112 MME S1 SETUP REQUEST NOT SENT

Table 3-548 General information

Alarm	Attributes	Supported releases
Name: MME S1 SETUP REQUEST NOT SENT InfoKey number: IK4007112 5620 SAM ID: 2611 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the S1 Setup Request has not been sent because of an internal problem.		
Impact: The service is degraded (with S1 flex). The service is no longer available (without S1 flex).		
Remedial action: Check the parameters.		

IK4007113 L1L2 CONFIG ERROR CELL MBMS SCHEDULING INFO

Table 3-549 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CELL MBMS SCHEDULING INFO InfoKey number: IK4007113 5620 SAM ID: 2612 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the Cell MBMS scheduling info is rejected by the BB entity because of a configuration error.		
Impact: The MBMS service is not possible on this cell.		
Remedial action: Check the parameters.		

IK4007114 L1L2 CONFIG REFUSED CELL MBMS SCHEDULING INFO

Table 3-550 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG REFUSED CELL MBMS SCHEDULING INFO InfoKey number: IK4007114 5620 SAM ID: 2613 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the Cell MBMS scheduling info is refused by the BB entity.		
Impact: The MBMS service is not possible on this cell.		
Remedial action: Call the next level of support.		

IK4007115 L1L2 CONFIG TIMEOUT CELL MBMS SCHEDULING INFO

Table 3-551 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG TIMEOUT CELL MBMS SCHEDULING INFO InfoKey number: IK4007115 5620 SAM ID: 2614 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a non-response by the BB entity to the Cell MBMS scheduling info procedure.		
Impact: The MBMS service is not possible on this cell.		
Remedial action: Call the next level of support.		

IK4007116 BB DELAY CONFIG FAILURE

Table 3-552 General information

Alarm	Attributes	Supported releases
Name: BB DELAY CONFIG FAILURE InfoKey number: IK4007116 5620 SAM ID: 2615 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modification of delays requiring BB to be reset so to use new values.		
Impact: The service is not possible on this BB.		
Remedial action: Reset the BB.		

IK4007117 CALLTRACE SIGN BASED STOPPED BY DDT

Table 3-553 General information

Alarm	Attributes	Supported releases
Name: CALLTRACE SIGN BASED STOPPED BY DDT InfoKey number: IK4007117 5620 SAM ID: 3058 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the signaling based trace session is stopped when eNodeB received a dynamic debug trace session activation request.		
Impact: No impact on eNodeB.		
Remedial action: On completion of the dynamic debug trace session, reactivate the signaling based trace session.		

IK4007118 DYNAMIC DEBUG TRACE ACTIVATION FAILURE

Table 3-554 General information

Alarm	Attributes	Supported releases
Name: DYNAMIC DEBUG TRACE ACTIVATION FAILURE InfoKey number: IK4007118 5620 SAM ID: 3059 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the dynamic debug trace activation failed.		
Impact: No impact on eNodeB.		
Remedial action: Reactivate the dynamic debug trace session.		

IK4007119 DYNAMIC DEBUG TRACE INVALID PARAMETER

Table 3-555 General information

Alarm	Attributes	Supported releases
Name: DYNAMIC DEBUG TRACE INVALID PARAMETER InfoKey number: IK4007119 5620 SAM ID: 3060 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the dynamic debug trace parameters are invalid.		
Impact: No impact on eNodeB.		
Remedial action: Chech the dynamic debug trace parameters.		

IK4007120 NO RRC CONNECTIONS DETECTED FOR A PERIOD

Table 3-556 General information

Alarm	Attributes	Supported releases
Name: NO RRC CONNECTIONS DETECTED FOR A PERIOD InfoKey number: IK4007120 5620 SAM ID: 3061 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): Cell Default probable cause: communicationsSubsystemFailure Default probable cause ID: 915 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that no RRC connection has been setup for a period (no new connections, no re-establishments and no incoming handovers). This period is configurable per Cell.		
Impact: It is possible that RRC connections are being attempted but an error is not allowing any to be completed		
Remedial action: Check the configurable period and the hours this alarm is raised. If configurable period is long enough such that some connections should have been established, please call the next level of support.		

IK4007121 BB FAULT 1

Table 3-557 General information

Alarm	Attributes	Supported releases
Name: BB FAULT 1 InfoKey number: IK4007121 5620 SAM ID: 3062 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007122 BB FAULT 2

Table 3-558 General information

Alarm	Attributes	Supported releases
Name: BB FAULT 2 InfoKey number: IK4007122 5620 SAM ID: 3063 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007123 BB FAULT 3

Table 3-559 General information

Alarm	Attributes	Supported releases
Name: BB FAULT 3 InfoKey number: IK4007123 5620 SAM ID: 3064 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007124 BB EVENT 1

Table 3-560 General information

Alarm	Attributes	Supported releases
Name: BB EVENT 1 InfoKey number: IK4007124 5620 SAM ID: 3065 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007125 BB EVENT 2

Table 3-561 General information

Alarm	Attributes	Supported releases
Name: BB EVENT 2 InfoKey number: IK4007125 5620 SAM ID: 3066 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007126 BB EVENT 3

Table 3-562 General information

Alarm	Attributes	Supported releases
Name: BB EVENT 3 InfoKey number: IK4007126 5620 SAM ID: 3067 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007127 BSC_ACCESS FAULT 1

Table 3-563 General information

Alarm	Attributes	Supported releases
Name: BSC_ACCESS FAULT 1 InfoKey number: IK4007127 5620 SAM ID: 3068 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BSC Access fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007128 BSC_ACCESS FAULT 2

Table 3-564 General information

Alarm	Attributes	Supported releases
Name: BSC_ACCESS FAULT 2 InfoKey number: IK4007128 5620 SAM ID: 3069 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BSC Access fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007129 BSC_ACCESS FAULT 3

Table 3-565 General information

Alarm	Attributes	Supported releases
Name: BSC_ACCESS FAULT 3 InfoKey number: IK4007129 5620 SAM ID: 3070 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified BSC Access fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007130 BSC_ACCESS EVENT 1

Table 3-566 General information

Alarm	Attributes	Supported releases
Name: BSC_ACCESS EVENT 1 InfoKey number: IK4007130 5620 SAM ID: 3071 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007131 BSC_ACCESS EVENT 2

Table 3-567 General information

Alarm	Attributes	Supported releases
Name: BSC_ACCESS EVENT 2 InfoKey number: IK4007131 5620 SAM ID: 3072 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007132 BSC_ACCESS EVENT 3

Table 3-568 General information

Alarm	Attributes	Supported releases
Name: BSC_ACCESS EVENT 3 InfoKey number: IK4007132 5620 SAM ID: 3073 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007133 CELL FAULT 1

Table 3-569 General information

Alarm	Attributes	Supported releases
Name: CELL FAULT 1 InfoKey number: IK4007133 5620 SAM ID: 3074 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified Cell fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007134 CELL FAULT 2

Table 3-570 General information

Alarm	Attributes	Supported releases
Name: CELL FAULT 2 InfoKey number: IK4007134 5620 SAM ID: 3075 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified Cell fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007135 CELL FAULT 3

Table 3-571 General information

Alarm	Attributes	Supported releases
Name: CELL FAULT 3 InfoKey number: IK4007135 5620 SAM ID: 3076 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified Cell fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007136 CELL EVENT 1

Table 3-572 General information

Alarm	Attributes	Supported releases
Name: CELL EVENT 1 InfoKey number: IK4007136 5620 SAM ID: 3077 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007137 CELL EVENT 2

Table 3-573 General information

Alarm	Attributes	Supported releases
Name: CELL EVENT 2 InfoKey number: IK4007137 5620 SAM ID: 3078 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007138 CELL EVENT 3

Table 3-574 General information

Alarm	Attributes	Supported releases
Name: CELL EVENT 3 InfoKey number: IK4007138 5620 SAM ID: 3079 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007139 ENB FAULT 1

Table 3-575 General information

Alarm	Attributes	Supported releases
Name: ENB FAULT 1 InfoKey number: IK4007139 5620 SAM ID: 3080 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified eNodeB fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007140 ENB FAULT 2

Table 3-576 General information

Alarm	Attributes	Supported releases
Name: ENB FAULT 2 InfoKey number: IK4007140 5620 SAM ID: 3081 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified eNodeB fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007141 ENB FAULT 3

Table 3-577 General information

Alarm	Attributes	Supported releases
Name: ENB FAULT 3 InfoKey number: IK4007141 5620 SAM ID: 3082 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified eNodeB fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007142 ENB EVENT 1

Table 3-578 General information

Alarm	Attributes	Supported releases
Name: ENB EVENT 1 InfoKey number: IK4007142 5620 SAM ID: 3083 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007143 ENB EVENT 2

Table 3-579 General information

Alarm	Attributes	Supported releases
Name: ENB EVENT 2 InfoKey number: IK4007143 5620 SAM ID: 3084 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007144 ENB EVENT 3

Table 3-580 General information

Alarm	Attributes	Supported releases
Name: ENB EVENT 3 InfoKey number: IK4007144 5620 SAM ID: 3085 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007145 S1 FAULT 1

Table 3-581 General information

Alarm	Attributes	Supported releases
Name: S1 FAULT 1 InfoKey number: IK4007145 5620 SAM ID: 3086 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified S1 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007146 S1 FAULT 2

Table 3-582 General information

Alarm	Attributes	Supported releases
Name: S1 FAULT 2 InfoKey number: IK4007146 5620 SAM ID: 3087 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified S1 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007147 S1 FAULT 3

Table 3-583 General information

Alarm	Attributes	Supported releases
Name: S1 FAULT 3 InfoKey number: IK4007147 5620 SAM ID: 3088 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified S1 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007148 S1 EVENT 1

Table 3-584 General information

Alarm	Attributes	Supported releases
Name: S1 EVENT 1 InfoKey number: IK4007148 5620 SAM ID: 3089 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007149 S1 EVENT 2

Table 3-585 General information

Alarm	Attributes	Supported releases
Name: S1 EVENT 2 InfoKey number: IK4007149 5620 SAM ID: 3090 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007150 S1 EVENT 3

Table 3-586 General information

Alarm	Attributes	Supported releases
Name: S1 EVENT 3 InfoKey number: IK4007150 5620 SAM ID: 3091 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007151 X2 FAULT 1

Table 3-587 General information

Alarm	Attributes	Supported releases
Name: X2 FAULT 1 InfoKey number: IK4007151 5620 SAM ID: 3092 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified X2 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007152 X2 FAULT 2

Table 3-588 General information

Alarm	Attributes	Supported releases
Name: X2 FAULT 2 InfoKey number: IK4007152 5620 SAM ID: 3093 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified X2 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007153 X2 FAULT 3

Table 3-589 General information

Alarm	Attributes	Supported releases
Name: X2 FAULT 3 InfoKey number: IK4007153 5620 SAM ID: 3094 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified X2 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

IK4007154 X2 EVENT 1

Table 3-590 General information

Alarm	Attributes	Supported releases
Name: X2 EVENT 1 InfoKey number: IK4007154 5620 SAM ID: 3095 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007155 X2 EVENT 2

Table 3-591 General information

Alarm	Attributes	Supported releases
Name: X2 EVENT 2 InfoKey number: IK4007155 5620 SAM ID: 3096 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007156 X2 EVENT 3

Table 3-592 General information

Alarm	Attributes	Supported releases
Name: X2 EVENT 3 InfoKey number: IK4007156 5620 SAM ID: 3097 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4007157 END OF INTERRAT UTRAN ANR ACTIVE PHASE

Table 3-593 General information

Alarm	Attributes	Supported releases
Name: END OF INTERRAT UTRAN ANR ACTIVE PHASE InfoKey number: IK4007157 5620 SAM ID: 3098 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): UtraFddNeighboringFreqConf Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates the end of the inter-RAT UTRAN ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007158 UTRAN NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR

Table 3-594 General information

Alarm	Attributes	Supported releases
Name: UTRAN NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR InfoKey number: IK4007158 5620 SAM ID: 3099 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): UtraFddNeighboringCellRelation Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates the UTRAN neighbor relation MIB instance is not removed because the removal is not allowed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007159 CREATED UTRAN NEIGHBOR CANNOT BE ASSOCIATED TO RNC

Table 3-595 General information

Alarm	Attributes	Supported releases
Name: CREATED UTRAN NEIGHBOR CANNOT BE ASSOCIATED TO RNC InfoKey number: IK4007159 5620 SAM ID: 3100 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): UtraFddNeighboringCellRelation Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates no RNC is found to associate the UtraFddNeighbouringCellRelation.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007160 END CMAS ALERT

Table 3-596 General information

Alarm	Attributes	Supported releases
Name: END CMAS ALERT InfoKey number: IK4007160 5620 SAM ID: 3101 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unspecifiedReason Default probable cause ID: 802 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates the end of the CMAS message broadcast.		
Impact: No impact on service.		
Remedial action: No action is required.		

IK4007161 L1L2 CONFIG REFUSED CMAS

Table 3-597 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG REFUSED CMAS InfoKey number: IK4007161 5620 SAM ID: 3102 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the BB L1/L2 entity rejected CMAS message broadcast.		
Impact: The CMAS message broadcast is not possible on the affected cell.		
Remedial action: Call the next level of support.		

IK4007162 L1L2 CONFIG TIMEOUT CMAS

Table 3-598 General information

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG TIMEOUT CMAS InfoKey number: IK4007162 5620 SAM ID: 3103 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates a no-response from BB L1/L2 entity detected during the CMAS broadcast procedure.		
Impact: The CMAS message broadcast is not possible on the affected cell.		
Remedial action: Call the next level of support.		

IK4007163 UTRAN SYS INFO TRANSFER INITIATION REPORT FAILURE

Table 3-599 General information

Alarm	Attributes	Supported releases
Name: UTRAN SYS INFO TRANSFER INITIATION REPORT FAILURE InfoKey number: IK4007163 5620 SAM ID: 3104 Type: communicationsAlarm Alarm type ID: 4	Severity: minor Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that CallP does not manage to retrieve the system information (UTRASI) of a target UTRAN cell using RIM RAN-INFORMATION-REQUEST/multiple report.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN Cell in the RRC Connection Release sent to the UE.		
Remedial action: Check for the proper functioning of the following:1. UTRAN cell provisioning2. RIM support for MME and SGSN3. IP routing path between eNodeB S1 interface IP endpoint and target RNC.		

IK4007164 UTRAN SYS INFO UPDATE STOP FAILURE

Table 3-600 General information

Alarm	Attributes	Supported releases
Name: UTRAN SYS INFO UPDATE STOP FAILURE InfoKey number: IK4007164 5620 SAM ID: 3105 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that CallP does not manage to stop event-driven system information (UTRASI) of a target UTRAN Cell using RIM RAN-INFORMATION-REQUEST/stop.		
Impact: No impact on service.		
Remedial action: Check for the proper functioning of the following:1. UTRAN cell provisioning2. RIM support for MME and SGSN3. IP routing path between eNodeB S1 interface IP endpoint and target RNC.		

IK4007165 UTRAN SYS INFO UPDATE END

Table 3-601 General information

Alarm	Attributes	Supported releases
Name: UTRAN SYS INFO UPDATE END InfoKey number: IK4007165 5620 SAM ID: 3106 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the eNodeB CallP has received RIM RAN-INFORMATION/end message from a target RNC indicating that event-driven system information update for a target UTRAN cell has been stopped.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN cell in the RRC Connection Release sent to the UE.		
Remedial action: Check for the UTRAN cell provisioning.		

IK4007166 UTRA RAN INFORMATION ERROR

Table 3-602 General information

Alarm	Attributes	Supported releases
Name: UTRA RAN INFORMATION ERROR InfoKey number: IK4007166 5620 SAM ID: 3107 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that there is an error in RIM container IE when eNodeB receive RIM message from peer node or RAN-INFORMATION-ERROR message is received from peer node.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN cell in the RRC Connection Release sent to the UE.		
Remedial action: Check RIM messages		

IK4007167 UTRA RAN INFORMATION APPLICATION ERROR

Table 3-603 General information

Alarm	Attributes	Supported releases
Name: UTRA RAN INFORMATION APPLICATION ERROR InfoKey number: IK4007167 5620 SAM ID: 3108 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates there is an error in application container IE or there is application error container IE when eNodeB receive RIM message from peer node.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN cell in the RRC Connection Release sent to the UE.		
Remedial action: Check RIM messages		

IK4007168 NEW INTERFREQ NEIGHBOUR DISCOVERED

Table 3-604 General information

Alarm	Attributes	Supported releases
Name: NEW INTERFREQ NEIGHBOUR DISCOVERED InfoKey number: IK4007168 5620 SAM ID: 3109 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates a new inter-frequency neighbour cell has been discovered by the eNB through ANR measurement report.		
Impact: No impact on service.		
Remedial action: No action is required.		

IK4007169 END OF INTRAFREQ LTE ANR ACTIVE PHASE

Table 3-605 General information

Alarm	Attributes	Supported releases
Name: END OF INTRAFREQ LTE ANR ACTIVE PHASE InfoKey number: IK4007169 5620 SAM ID: 3110 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates the end of the intra-frequency LTE ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4007170 MME S1 SETUP RESPONSE INCONSISTENCY

Table 3-606 General information

Alarm	Attributes	Supported releases
Name: MME S1 SETUP RESPONSE INCONSISTENCY InfoKey number: IK4007170 5620 SAM ID: 3111 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates a configuration mismatch between the MIM and the MME.		
Impact: No impact on service.		
Remedial action: Verify and correct the configuration data.		

IK4008001 EBP INIT

Table 3-607 General information

Alarm	Attributes	Supported releases
Name: EBP INIT InfoKey number: IK4008001 5620 SAM ID: 2916 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates an initialization failure.		
Impact: EBP is out of service.		
Remedial action: Power cycle entire CB.		

IK4008002 EBP TX

Table 3-608 General information

Alarm	Attributes	Supported releases
Name: EBP TX InfoKey number: IK4008002 5620 SAM ID: 2917 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a fault in transmit path.		
Impact: EBP is out of service.		
Remedial action: Check cable.		

IK4008003 EBP RX

Table 3-609 General information

Alarm	Attributes	Supported releases
Name: EBP RX InfoKey number: IK4008003 5620 SAM ID: 2918 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a fault in receive path.		
Impact: EBP is out of service.		
Remedial action: Check cable.		

IK4008004 EBP FAULT 1

Table 3-610 General information

Alarm	Attributes	Supported releases
Name: EBP FAULT 1 InfoKey number: IK4008004 5620 SAM ID: 3112 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4008005 EBP FAULT 2

Table 3-611 General information

Alarm	Attributes	Supported releases
Name: EBP FAULT 2 InfoKey number: IK4008005 5620 SAM ID: 3113 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4008006 EBP FAULT 3

Table 3-612 General information

Alarm	Attributes	Supported releases
Name: EBP FAULT 3 InfoKey number: IK4008006 5620 SAM ID: 3114 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4008007 EBP FAULT 4

Table 3-613 General information

Alarm	Attributes	Supported releases
Name: EBP FAULT 4 InfoKey number: IK4008007 5620 SAM ID: 3115 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4008008 EBP FAULT 5

Table 3-614 General information

Alarm	Attributes	Supported releases
Name: EBP FAULT 5 InfoKey number: IK4008008 5620 SAM ID: 3116 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4008009 EBP TRANS LSL BHPORT

Table 3-615 General information

Alarm	Attributes	Supported releases
Name: EBP TRANS LSL BHPORT InfoKey number: IK4008009 5620 SAM ID: 3117 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the detection of degraded received optical signal level on port.		
Impact: Degraded received optical signal strength on port 1.		
Remedial action: Check SFP module and fiber cable, cleaning or replacement is required.		

IK4009001 AUTOTEST FAILURE

Table 3-616 General information

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009001 5620 SAM ID: 2616 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4009002 AUTOTEST FAILURE

Table 3-617 General information

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009002 5620 SAM ID: 2617 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4009003 AUTOTEST FAILURE

Table 3-618 General information

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009003 5620 SAM ID: 2618 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4009004 AUTOTEST FAILURE

Table 3-619 General information

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009004 5620 SAM ID: 2619 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4009005 AUTOTEST FAILURE

Table 3-620 General information

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009005 5620 SAM ID: 2620 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4009012 MODULE EXTRACTION

Table 3-621 General information

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009012 5620 SAM ID: 2625 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

IK4009015 MODULE EXTRACTION

Table 3-622 General information

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009015 5620 SAM ID: 2626 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

IK4009016 MODULE EXTRACTION

Table 3-623 General information

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009016 5620 SAM ID: 2627 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

IK4009018 SCTP BOARD INIT FAILURE

Table 3-624 General information

Alarm	Attributes	Supported releases
Name: SCTP BOARD INIT FAILURE InfoKey number: IK4009018 5620 SAM ID: 2628 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to initialize the SCTP access.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

IK4009019 S1 SCTP ASSOCIATION FAILURE

Table 3-625 General information

Alarm	Attributes	Supported releases
Name: S1 SCTP ASSOCIATION FAILURE InfoKey number: IK4009019 5620 SAM ID: 2629 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the MME does not acknowledge the S1 association request from the eNodeB.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

IK4009020 X2 SCTP ASSOCIATION FAILURE

Table 3-626 General information

Alarm	Attributes	Supported releases
Name: X2 SCTP ASSOCIATION FAILURE InfoKey number: IK4009020 5620 SAM ID: 2630 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the neighboring eNodeB does not acknowledge the X2 association requests from the eNodeB.		
Impact: Telecom: No impact on the cells. Impacts the handover. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

IK4009021 S1 SCTP ASSOCIATION DOWN

Table 3-627 General information

Alarm	Attributes	Supported releases
Name: S1 SCTP ASSOCIATION DOWN InfoKey number: IK4009021 5620 SAM ID: 2631 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a S1 association fault between eNodeB and MME.		
Impact: Telecom: Impacts the telecom service depending on the nature of failure. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

IK4009022 X2 SCTP ASSOCIATION DOWN

Table 3-628 General information

Alarm	Attributes	Supported releases
Name: X2 SCTP ASSOCIATION DOWN InfoKey number: IK4009022 5620 SAM ID: 2632 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a fault in the X2 association between the eNodeBs.		
Impact: Telecom: No impact on the cells. Impacts the handover. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and peer eNB. 2. Check network connectivity between eNB and peer eNB.		

IK4009023 WALG BOARD INITIALIZATION FAILURE

Table 3-629 General information

Alarm	Attributes	Supported releases
Name: WALG BOARD INITIALIZATION FAILURE InfoKey number: IK4009023 5620 SAM ID: 2633 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure to initialize the WAL gateway.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

IK4009024 OAM INTERFACE CONFIGURATION FAILURE

Table 3-630 General information

Alarm	Attributes	Supported releases
Name: OAM INTERFACE CONFIGURATION FAILURE InfoKey number: IK4009024 5620 SAM ID: 2634 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure of the IP and Ethernet configuration on the OAM interface.		
Impact: Telecom: Telecom traffic is not possible. OAM: The eNodeB management is not possible.		
Remedial action: Reset the eNodeB. If the alarm persists, contact the next level of support.		

IK4009025 TELECOM INTERFACE CONFIGURATION FAILURE

Table 3-631 General information

Alarm	Attributes	Supported releases
Name: TELECOM INTERFACE CONFIGURATION FAILURE InfoKey number: IK4009025 5620 SAM ID: 2635 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure of the IP and Ethernet configuration on the telecom interface.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB. If the alarm persists, contact the next level of support.		

IK4009026 SSH SERVER START FAILURE

Table 3-632 General information

Alarm	Attributes	Supported releases
Name: SSH SERVER START FAILURE InfoKey number: IK4009026 5620 SAM ID: 2636 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to start the SSH server.		
Impact: Telecom: No impact on telecom service. OAM: SSH sessions on eNodeB are not possible.		
Remedial action: Reset the eNodeB.		

IK4009027 SSH SERVER STOP FAILURE

Table 3-633 General information

Alarm	Attributes	Supported releases
Name: SSH SERVER STOP FAILURE InfoKey number: IK4009027 5620 SAM ID: 2637 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to stop the SSH server.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4009028 SNTP CLIENT START FAILURE

Table 3-634 General information

Alarm	Attributes	Supported releases
Name: SNTP CLIENT START FAILURE InfoKey number: IK4009028 5620 SAM ID: 2638 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to start the SNTP client.		
Impact: Telecom: No impact on telecom service. OAM: The eNodeB is not time synchronized with the NTP server.		
Remedial action: Reset the eNodeB.		

IK4009029 SNTP CLIENT STOP FAILURE

Table 3-635 General information

Alarm	Attributes	Supported releases
Name: SNTP CLIENT STOP FAILURE InfoKey number: IK4009029 5620 SAM ID: 2639 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to stop the SNTP client.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4009032 DHCP CLIENT START FAILURE

Table 3-636 General information

Alarm	Attributes	Supported releases
Name: DHCP CLIENT START FAILURE InfoKey number: IK4009032 5620 SAM ID: 2640 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to start the DHCP client on the eNodeB network interface.		
Impact: Telecom: Telecom traffic is not possible. OAM: The eNodeB management is not possible.		
Remedial action: Reset the eNodeB.		

IK4009033 DHCP CLIENT STOP FAILURE

Table 3-637 General information

Alarm	Attributes	Supported releases
Name: DHCP CLIENT STOP FAILURE InfoKey number: IK4009033 5620 SAM ID: 2641 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to stop the DHCP client on the eNodeB network interface.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4009034 UNEXPECTED DATA FROM DHCP SERVER

Table 3-638 General information

Alarm	Attributes	Supported releases
Name: UNEXPECTED DATA FROM DHCP SERVER InfoKey number: IK4009034 5620 SAM ID: 2642 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the lease time offered by the DHCP server is different from the lease time requested by the DHCP client.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Configure the DHCP server with an infinite lease time.		

IK4009035 INCONSISTENT DATA FROM DHCP SERVER

Table 3-639 General information

Alarm	Attributes	Supported releases
Name: INCONSISTENT DATA FROM DHCP SERVER InfoKey number: IK4009035 5620 SAM ID: 2643 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the eNodeB does not support the modified IP address offered by the DHCP server.		
Impact: Telecom: No impact on telecom service. OAM: The eNodeB uses the old IP address. eNodeB management is still possible.		
Remedial action: Reset the eNodeB.		

IK4009036 ETHERNET TRANSPORT FAILURE

Table 3-640 General information

Alarm	Attributes	Supported releases
Name: ETHERNET TRANSPORT FAILURE InfoKey number: IK4009036 5620 SAM ID: 2644 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates an interface error due to the counters exceeding the configured threshold.		
Impact: Telecom: The performance of the telecom service is low. OAM: The performance of the OAM service is low.		
Remedial action: Check the network status and cabling if possible. If the alarm persists, contact the next level support.		

IK4009037 NO RESPONSE TO ECHO REQUEST ON S1

Table 3-641 General information

Alarm	Attributes	Supported releases
Name: NO RESPONSE TO ECHO REQUEST ON S1 InfoKey number: IK4009037 5620 SAM ID: 2645 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a S1 fault due to the GTP Echo request.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity and verify the GTP provisioning.		

IK4009039 NO CONTACT TO BOARD

Table 3-642 General information

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009039 5620 SAM ID: 2646 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

IK4009040 NO CONTACT TO BOARD

Table 3-643 General information

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009040 5620 SAM ID: 2647 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

IK4009041 NO CONTACT TO BOARD

Table 3-644 General information

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009041 5620 SAM ID: 2648 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

IK4009042 NO RESPONSE TO ECHO REQUEST ON S1

Table 3-645 General information

Alarm	Attributes	Supported releases
Name: NO RESPONSE TO ECHO REQUEST ON S1 InfoKey number: IK4009042 5620 SAM ID: 2649 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a S1 fault due to the GTP Echo request.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity and verify the GTP provisioning.		

IK4009044 S1 SCTP ASSOCIATION FAILURE

Table 3-646 General information

Alarm	Attributes	Supported releases
Name: S1 SCTP ASSOCIATION FAILURE InfoKey number: IK4009044 5620 SAM ID: 2650 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the MME does not acknowledge the S1 association request from the eNodeB.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

IK4009046 S1 SCTP ASSOCIATION DOWN

Table 3-647 General information

Alarm	Attributes	Supported releases
Name: S1 SCTP ASSOCIATION DOWN InfoKey number: IK4009046 5620 SAM ID: 2651 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a S1 association fault between eNodeB and MME.		
Impact: Telecom: Impacts the telecom service depending on the nature of failure. OAM: No impact on OAM service.		
Remedial action: 1.ÂCheck IPÂand SCTP provisioning in eNB and MME.Â2.ÂCheckÂnetworkÂconnectivityÂbetweenÂeNB and MME.		

IK4009048 DHCP LEASE LOST

Table 3-648 General information

Alarm	Attributes	Supported releases
Name: DHCP LEASE LOST InfoKey number: IK4009048 5620 SAM ID: 2652 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the DHCP client lost the lease of the DHCP server.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Check for connectivity. Check for DHCP server and network configurations.		

IK4009049 DHCP CLIENT LEASE FAILURE

Table 3-649 General information

Alarm	Attributes	Supported releases
Name: DHCP CLIENT LEASE FAILURE InfoKey number: IK4009049 5620 SAM ID: 2653 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure of the DHCP client to obtain the lease from the DHCP server.		
Impact: Telecom: Telecom traffic is not possible. OAM: The eNodeB backhaul interface is not configured.		
Remedial action: Check for connectivity. Check for DHCP server and network configurations.		

IK4009050 IP LOOPBACK ACTIVE

Table 3-650 General information

Alarm	Attributes	Supported releases
Name: IP LOOPBACK ACTIVE InfoKey number: IK4009050 5620 SAM ID: 2654 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the IP loopback is activated.		
Impact: Telecom: Telecom traffic is not possible. OAM: The maintenance is restricted to local terminal.		
Remedial action: Call the next level of support.		

IK4009051 IP LOOPBACK MANUAL TERMINATION

Table 3-651 General information

Alarm	Attributes	Supported releases
Name: IP LOOPBACK MANUAL TERMINATION InfoKey number: IK4009051 5620 SAM ID: 2655 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the IP loopback is manually stopped.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4009052 IP LOOPBACK INACTIVITY PERIOD TERMINATION

Table 3-652 General information

Alarm	Attributes	Supported releases
Name: IP LOOPBACK INACTIVITY PERIOD TERMINATION InfoKey number: IK4009052 5620 SAM ID: 2656 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the IP loopback stopped automatically due to inactivity for certain period.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4009053 IP LOOPBACK GUARD TIMER TERMINATION

Table 3-653 General information

Alarm	Attributes	Supported releases
Name: IP LOOPBACK GUARD TIMER TERMINATION InfoKey number: IK4009053 5620 SAM ID: 2657 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the IP loopback stopped automatically due to expiry of the guard timer.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4009054 MODULE EXTRACTION

Table 3-654 General information

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009054 5620 SAM ID: 2658 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

IK4009055 MODULE EXTRACTION

Table 3-655 General information

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009055 5620 SAM ID: 2659 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

IK4009056 MODULE EXTRACTION

Table 3-656 General information

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009056 5620 SAM ID: 2660 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

IK4009057 NO CONTACT TO BOARD

Table 3-657 General information

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009057 5620 SAM ID: 2661 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity with the board.		

IK4009058 NO CONTACT TO BOARD

Table 3-658 General information

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009058 5620 SAM ID: 2662 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity with the board.		

IK4009059 NO CONTACT TO BOARD

Table 3-659 General information

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009059 5620 SAM ID: 2663 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity with the board.		

IK4009060 OAM AMR FAULT 1

Table 3-660 General information

Alarm	Attributes	Supported releases
Name: OAM AMR FAULT 1 InfoKey number: IK4009060 5620 SAM ID: 3118 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009061 OAM AMR FAULT 2

Table 3-661 General information

Alarm	Attributes	Supported releases
Name: OAM AMR FAULT 2 InfoKey number: IK4009061 5620 SAM ID: 3119 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009062 OAM AMR FAULT 3

Table 3-662 General information

Alarm	Attributes	Supported releases
Name: OAM AMR FAULT 3 InfoKey number: IK4009062 5620 SAM ID: 3120 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009063 OAM AMR EVENT 1

Table 3-663 General information

Alarm	Attributes	Supported releases
Name: OAM AMR EVENT 1 InfoKey number: IK4009063 5620 SAM ID: 3121 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009064 OAM AMR EVENT 2

Table 3-664 General information

Alarm	Attributes	Supported releases
Name: OAM AMR EVENT 2 InfoKey number: IK4009064 5620 SAM ID: 3122 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009065 OAM AMR EVENT 3

Table 3-665 General information

Alarm	Attributes	Supported releases
Name: OAM AMR EVENT 3 InfoKey number: IK4009065 5620 SAM ID: 3123 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009066 OAM BB FAULT 1

Table 3-666 General information

Alarm	Attributes	Supported releases
Name: OAM BB FAULT 1 InfoKey number: IK4009066 5620 SAM ID: 3124 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009067 OAM BB FAULT 2

Table 3-667 General information

Alarm	Attributes	Supported releases
Name: OAM BB FAULT 2 InfoKey number: IK4009067 5620 SAM ID: 3125 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009068 OAM BB FAULT 3

Table 3-668 General information

Alarm	Attributes	Supported releases
Name: OAM BB FAULT 3 InfoKey number: IK4009068 5620 SAM ID: 3126 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009069 OAM BB EVENT 1

Table 3-669 General information

Alarm	Attributes	Supported releases
Name: OAM BB EVENT 1 InfoKey number: IK4009069 5620 SAM ID: 3127 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009070 OAM BB EVENT 2

Table 3-670 General information

Alarm	Attributes	Supported releases
Name: OAM BB EVENT 2 InfoKey number: IK4009070 5620 SAM ID: 3128 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009071 OAM BB EVENT 3

Table 3-671 General information

Alarm	Attributes	Supported releases
Name: OAM BB EVENT 3 InfoKey number: IK4009071 5620 SAM ID: 3129 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009072 OAM CB FAULT 1

Table 3-672 General information

Alarm	Attributes	Supported releases
Name: OAM CB FAULT 1 InfoKey number: IK4009072 5620 SAM ID: 3130 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009073 OAM CB FAULT 2

Table 3-673 General information

Alarm	Attributes	Supported releases
Name: OAM CB FAULT 2 InfoKey number: IK4009073 5620 SAM ID: 3131 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009074 OAM CB FAULT 3

Table 3-674 General information

Alarm	Attributes	Supported releases
Name: OAM CB FAULT 3 InfoKey number: IK4009074 5620 SAM ID: 3132 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009075 OAM CB EVENT 1

Table 3-675 General information

Alarm	Attributes	Supported releases
Name: OAM CB EVENT 1 InfoKey number: IK4009075 5620 SAM ID: 3133 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009076 OAM CB EVENT 2

Table 3-676 General information

Alarm	Attributes	Supported releases
Name: OAM CB EVENT 2 InfoKey number: IK4009076 5620 SAM ID: 3134 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009077 OAM CB EVENT 3

Table 3-677 General information

Alarm	Attributes	Supported releases
Name: OAM CB EVENT 3 InfoKey number: IK4009077 5620 SAM ID: 3135 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009078 OAM DBU FAULT 1

Table 3-678 General information

Alarm	Attributes	Supported releases
Name: OAM DBU FAULT 1 InfoKey number: IK4009078 5620 SAM ID: 3136 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009079 OAM DBU FAULT 2

Table 3-679 General information

Alarm	Attributes	Supported releases
Name: OAM DBU FAULT 2 InfoKey number: IK4009079 5620 SAM ID: 3137 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009080 OAM DBU FAULT 3

Table 3-680 General information

Alarm	Attributes	Supported releases
Name: OAM DBU FAULT 3 InfoKey number: IK4009080 5620 SAM ID: 3138 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009081 OAM DBU EVENT 1

Table 3-681 General information

Alarm	Attributes	Supported releases
Name: OAM DBU EVENT 1 InfoKey number: IK4009081 5620 SAM ID: 3139 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009082 OAM DBU EVENT 2

Table 3-682 General information

Alarm	Attributes	Supported releases
Name: OAM DBU EVENT 2 InfoKey number: IK4009082 5620 SAM ID: 3140 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009083 OAM DBU EVENT 3

Table 3-683 General information

Alarm	Attributes	Supported releases
Name: OAM DBU EVENT 3 InfoKey number: IK4009083 5620 SAM ID: 3141 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009084 OAM ENB FAULT 1

Table 3-684 General information

Alarm	Attributes	Supported releases
Name: OAM ENB FAULT 1 InfoKey number: IK4009084 5620 SAM ID: 3142 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009085 OAM ENB FAULT 2

Table 3-685 General information

Alarm	Attributes	Supported releases
Name: OAM ENB FAULT 2 InfoKey number: IK4009085 5620 SAM ID: 3143 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009086 OAM ENB FAULT 3

Table 3-686 General information

Alarm	Attributes	Supported releases
Name: OAM ENB FAULT 3 InfoKey number: IK4009086 5620 SAM ID: 3144 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009087 OAM ENB EVENT 1

Table 3-687 General information

Alarm	Attributes	Supported releases
Name: OAM ENB EVENT 1 InfoKey number: IK4009087 5620 SAM ID: 3145 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009088 OAM ENB EVENT 2

Table 3-688 General information

Alarm	Attributes	Supported releases
Name: OAM ENB EVENT 2 InfoKey number: IK4009088 5620 SAM ID: 3146 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009089 OAM ENB EVENT 3

Table 3-689 General information

Alarm	Attributes	Supported releases
Name: OAM ENB EVENT 3 InfoKey number: IK4009089 5620 SAM ID: 3147 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009090 OAM TMA FAULT 1

Table 3-690 General information

Alarm	Attributes	Supported releases
Name: OAM TMA FAULT 1 InfoKey number: IK4009090 5620 SAM ID: 3148 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009091 OAM TMA FAULT 2

Table 3-691 General information

Alarm	Attributes	Supported releases
Name: OAM TMA FAULT 2 InfoKey number: IK4009091 5620 SAM ID: 3149 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009092 OAM TMA FAULT 3

Table 3-692 General information

Alarm	Attributes	Supported releases
Name: OAM TMA FAULT 3 InfoKey number: IK4009092 5620 SAM ID: 3150 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009093 OAM TMA EVENT 1

Table 3-693 General information

Alarm	Attributes	Supported releases
Name: OAM TMA EVENT 1 InfoKey number: IK4009093 5620 SAM ID: 3151 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009094 OAM TMA EVENT 2

Table 3-694 General information

Alarm	Attributes	Supported releases
Name: OAM TMA EVENT 2 InfoKey number: IK4009094 5620 SAM ID: 3152 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009095 OAM TMA EVENT 3

Table 3-695 General information

Alarm	Attributes	Supported releases
Name: OAM TMA EVENT 3 InfoKey number: IK4009095 5620 SAM ID: 3153 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009096 OAM RET FAULT 1

Table 3-696 General information

Alarm	Attributes	Supported releases
Name: OAM RET FAULT 1 InfoKey number: IK4009096 5620 SAM ID: 3154 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009097 OAM RET FAULT 2

Table 3-697 General information

Alarm	Attributes	Supported releases
Name: OAM RET FAULT 2 InfoKey number: IK4009097 5620 SAM ID: 3155 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009098 OAM RET FAULT 3

Table 3-698 General information

Alarm	Attributes	Supported releases
Name: OAM RET FAULT 3 InfoKey number: IK4009098 5620 SAM ID: 3156 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009099 OAM RET EVENT 1

Table 3-699 General information

Alarm	Attributes	Supported releases
Name: OAM RET EVENT 1 InfoKey number: IK4009099 5620 SAM ID: 3157 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009100 OAM RET EVENT 2

Table 3-700 General information

Alarm	Attributes	Supported releases
Name: OAM RET EVENT 2 InfoKey number: IK4009100 5620 SAM ID: 3158 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009101 OAM RET EVENT 3

Table 3-701 General information

Alarm	Attributes	Supported releases
Name: OAM RET EVENT 3 InfoKey number: IK4009101 5620 SAM ID: 3159 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009102 OAM S1 FAULT 1

Table 3-702 General information

Alarm	Attributes	Supported releases
Name: OAM S1 FAULT 1 InfoKey number: IK4009102 5620 SAM ID: 3160 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009103 OAM S1 FAULT 2

Table 3-703 General information

Alarm	Attributes	Supported releases
Name: OAM S1 FAULT 2 InfoKey number: IK4009103 5620 SAM ID: 3161 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009104 OAM S1 FAULT 3

Table 3-704 General information

Alarm	Attributes	Supported releases
Name: OAM S1 FAULT 3 InfoKey number: IK4009104 5620 SAM ID: 3162 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009105 OAM S1 EVENT 1

Table 3-705 General information

Alarm	Attributes	Supported releases
Name: OAM S1 EVENT 1 InfoKey number: IK4009105 5620 SAM ID: 3163 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009106 OAM S1 EVENT 2

Table 3-706 General information

Alarm	Attributes	Supported releases
Name: OAM S1 EVENT 2 InfoKey number: IK4009106 5620 SAM ID: 3164 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009107 OAM S1 EVENT 3

Table 3-707 General information

Alarm	Attributes	Supported releases
Name: OAM S1 EVENT 3 InfoKey number: IK4009107 5620 SAM ID: 3165 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009108 OAM S1_TRANS FAULT 1

Table 3-708 General information

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS FAULT 1 InfoKey number: IK4009108 5620 SAM ID: 3166 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009109 OAM S1_TRANS FAULT 2

Table 3-709 General information

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS FAULT 2 InfoKey number: IK4009109 5620 SAM ID: 3167 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009110 OAM S1_TRANS FAULT 3

Table 3-710 General information

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS FAULT 3 InfoKey number: IK4009110 5620 SAM ID: 3168 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009111 OAM S1_TRANS EVENT 1

Table 3-711 General information

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS EVENT 1 InfoKey number: IK4009111 5620 SAM ID: 3169 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009112 OAM S1_TRANS EVENT 2

Table 3-712 General information

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS EVENT 2 InfoKey number: IK4009112 5620 SAM ID: 3170 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009113 OAM S1_TRANS EVENT 3

Table 3-713 General information

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS EVENT 3 InfoKey number: IK4009113 5620 SAM ID: 3171 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009114 OAM X2 FAULT 1

Table 3-714 General information

Alarm	Attributes	Supported releases
Name: OAM X2 FAULT 1 InfoKey number: IK4009114 5620 SAM ID: 3172 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009115 OAM X2 FAULT 2

Table 3-715 General information

Alarm	Attributes	Supported releases
Name: OAM X2 FAULT 2 InfoKey number: IK4009115 5620 SAM ID: 3173 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009116 OAM X2 FAULT 3

Table 3-716 General information

Alarm	Attributes	Supported releases
Name: OAM X2 FAULT 3 InfoKey number: IK4009116 5620 SAM ID: 3174 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009117 OAM X2 EVENT 1

Table 3-717 General information

Alarm	Attributes	Supported releases
Name: OAM X2 EVENT 1 InfoKey number: IK4009117 5620 SAM ID: 3175 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009118 OAM X2 EVENT 2

Table 3-718 General information

Alarm	Attributes	Supported releases
Name: OAM X2 EVENT 2 InfoKey number: IK4009118 5620 SAM ID: 3176 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009119 OAM X2 EVENT 3

Table 3-719 General information

Alarm	Attributes	Supported releases
Name: OAM X2 EVENT 3 InfoKey number: IK4009119 5620 SAM ID: 3177 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009120 OAM X2_TRANS FAULT 1

Table 3-720 General information

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS FAULT 1 InfoKey number: IK4009120 5620 SAM ID: 3178 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009121 OAM X2_TRANS FAULT 2

Table 3-721 General information

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS FAULT 2 InfoKey number: IK4009121 5620 SAM ID: 3179 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009122 OAM X2_TRANS FAULT 3

Table 3-722 General information

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS FAULT 3 InfoKey number: IK4009122 5620 SAM ID: 3180 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009123 OAM X2_TRANS EVENT 1

Table 3-723 General information

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS EVENT 1 InfoKey number: IK4009123 5620 SAM ID: 3181 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009124 OAM X2_TRANS EVENT 2

Table 3-724 General information

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS EVENT 2 InfoKey number: IK4009124 5620 SAM ID: 3182 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009125 OAM X2_TRANS EVENT 3

Table 3-725 General information

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS EVENT 3 InfoKey number: IK4009125 5620 SAM ID: 3183 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009126 OAM RRH FAULT 1

Table 3-726 General information

Alarm	Attributes	Supported releases
Name: OAM RRH FAULT 1 InfoKey number: IK4009126 5620 SAM ID: 3184 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009127 OAM RRH FAULT 2

Table 3-727 General information

Alarm	Attributes	Supported releases
Name: OAM RRH FAULT 2 InfoKey number: IK4009127 5620 SAM ID: 3185 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009128 OAM RRH FAULT 3

Table 3-728 General information

Alarm	Attributes	Supported releases
Name: OAM RRH FAULT 3 InfoKey number: IK4009128 5620 SAM ID: 3186 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009129 OAM RRH EVENT 1

Table 3-729 General information

Alarm	Attributes	Supported releases
Name: OAM RRH EVENT 1 InfoKey number: IK4009129 5620 SAM ID: 3187 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009130 OAM RRH EVENT 2

Table 3-730 General information

Alarm	Attributes	Supported releases
Name: OAM RRH EVENT 2 InfoKey number: IK4009130 5620 SAM ID: 3188 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009131 OAM RRH EVENT 3

Table 3-731 General information

Alarm	Attributes	Supported releases
Name: OAM RRH EVENT 3 InfoKey number: IK4009131 5620 SAM ID: 3189 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009132 OAM TRDU FAULT 1

Table 3-732 General information

Alarm	Attributes	Supported releases
Name: OAM TRDU FAULT 1 InfoKey number: IK4009132 5620 SAM ID: 3190 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009133 OAM TRDU FAULT 2

Table 3-733 General information

Alarm	Attributes	Supported releases
Name: OAM TRDU FAULT 2 InfoKey number: IK4009133 5620 SAM ID: 3191 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009134 OAM TRDU FAULT 3

Table 3-734 General information

Alarm	Attributes	Supported releases
Name: OAM TRDU FAULT 3 InfoKey number: IK4009134 5620 SAM ID: 3192 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4009135 OAM TRDU EVENT 1

Table 3-735 General information

Alarm	Attributes	Supported releases
Name: OAM TRDU EVENT 1 InfoKey number: IK4009135 5620 SAM ID: 3193 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009136 OAM TRDU EVENT 2

Table 3-736 General information

Alarm	Attributes	Supported releases
Name: OAM TRDU EVENT 2 InfoKey number: IK4009136 5620 SAM ID: 3194 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009137 OAM TRDU EVENT 3

Table 3-737 General information

Alarm	Attributes	Supported releases
Name: OAM TRDU EVENT 3 InfoKey number: IK4009137 5620 SAM ID: 3195 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

IK4009138 NO CONTACT TO BOARD

Table 3-738 General information

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009138 5620 SAM ID: 3196 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

IK4009139 NO CONTACT TO BOARD

Table 3-739 General information

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009139 5620 SAM ID: 3197 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

IK4009140 AUTOTEST FAILURE

Table 3-740 General information

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009140 5620 SAM ID: 3198 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4009141 AUTOTEST FAILURE

Table 3-741 General information

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009141 5620 SAM ID: 3199 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4009142 MODULE EXTRACTION

Table 3-742 General information

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009142 5620 SAM ID: 3200 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

IK4009143 MODULE EXTRACTION

Table 3-743 General information

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009143 5620 SAM ID: 3201 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

IK4009144 SFP EXTRACTED CPRIPORT

Table 3-744 General information

Alarm	Attributes	Supported releases
Name: SFP EXTRACTED CPRIPORT InfoKey number: IK4009144 5620 SAM ID: 3202 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that SFP module is extracted.		
Impact: Loss of RFM connection on CPRI port.		
Remedial action: Check SFP module and replace it.		

IK4009150 SFP EXTRACTED ON ALL CPRIPORTS

Table 3-745 General information

Alarm	Attributes	Supported releases
Name: SFP EXTRACTED ON ALL CPRIPORTS InfoKey number: IK4009150 5620 SAM ID: 3203 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that SFP module of all ports are extracted.		
Impact: Loss of RFM connection on all CPRI ports.		
Remedial action: Check SFP modules and replace them if needed.		

IK4009151 SFP EXTRACTED BHPORT

Table 3-746 General information

Alarm	Attributes	Supported releases
Name: SFP EXTRACTED BHPORT InfoKey number: IK4009151 5620 SAM ID: 3204 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that SFP module of Ethernet backhaul port is extracted.		
Impact: Loss of backhaul network access on port.		
Remedial action: Check SFP module and replace it.		

IK4010001 RET UNREADABLE MANUFACTURER DATA

Table 3-747 General information

Alarm	Attributes	Supported releases
Name: RET UNREADABLE MANUFACTURER DATA InfoKey number: IK4010001 5620 SAM ID: 2664 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a failure to read manufacturer data record.		
Impact: The RET is out of service.		
Remedial action: Reset the RET, replace if necessary.		

IK4010002 RET MOTOR JAM

Table 3-748 General information

Alarm	Attributes	Supported releases
Name: RET MOTOR JAM InfoKey number: IK4010002 5620 SAM ID: 2665 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the RET motor cannot move.		
Impact: Loss of antenna tilt.		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET actuator.		

IK4010003 RET ACTUATOR JAM

Table 3-749 General information

Alarm	Attributes	Supported releases
Name: RET ACTUATOR JAM InfoKey number: IK4010003 5620 SAM ID: 2666 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that an actuator jam has been detected. No movement of the actuator, but movement of the motor was detected.		
Impact: Loss of antenna tilt.		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET actuator.		

IK4010004 RET NOT CALIBRATED

Table 3-750 General information

Alarm	Attributes	Supported releases
Name: RET NOT CALIBRATED InfoKey number: IK4010004 5620 SAM ID: 2667 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the device has not completed a calibration operation, or calibration has been lost		
Impact: RET needs re-calibration		
Remedial action: Execute the RET calibration procedure.		

IK4010005 RET NOT CONFIGURED

Table 3-751 General information

Alarm	Attributes	Supported releases
Name: RET NOT CONFIGURED InfoKey number: IK4010005 5620 SAM ID: 2668 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the actuator antenna configuration file is missing.		
Impact: No Antenna Tilt Function.		
Remedial action: Download proper ACF configuration data and repeat calibration.		

IK4010006 RET HW FAILURE

Table 3-752 General information

Alarm	Attributes	Supported releases
Name: RET HW FAILURE InfoKey number: IK4010006 5620 SAM ID: 2669 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a general RET hardware failure.		
Impact: The RET is out of service.		
Remedial action: Reset the RET, replace the RET if the problem persists.		

IK4010007 RET ACTUATOR INTERFERENCE

Table 3-753 General information

Alarm	Attributes	Supported releases
Name: RET ACTUATOR INTERFERENCE InfoKey number: IK4010007 5620 SAM ID: 2670 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates an actuator movement outside the control of the RET unit. Probable cause is manual interference.		
Impact: The RET is out of service.		
Remedial action: Check the antenna panel for mechanical interference.		

IK4010008 RET SOFTWARE FAIL

Table 3-754 General information

Alarm	Attributes	Supported releases
Name: RET SOFTWARE FAIL InfoKey number: IK4010008 5620 SAM ID: 2671 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a general RET SW failure.		
Impact: The RET is out of service.		
Remedial action: Reset the RET. If the problem persists then download new software to the RET, otherwise replace the RET.		

IK4010009 RET ALD UNIT SUPPORT WRONG AISG VERSION

Table 3-755 General information

Alarm	Attributes	Supported releases
Name: RET ALD UNIT SUPPORT WRONG AISG VERSION InfoKey number: IK4010009 5620 SAM ID: 2672 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the ALD unit does not support AISG version 2.0.		
Impact: The TMA is out of service.		
Remedial action: Upgrade the software.		

IK4010010 RET LOSS OF COMM

Table 3-756 General information

Alarm	Attributes	Supported releases
Name: RET LOSS OF COMM InfoKey number: IK4010010 5620 SAM ID: 2673 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: communicationsSubsystemFailure Default probable cause ID: 915 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the RFM that acts as an AISG Controller lost communication to the RET unit.		
Impact: Loss of alarm reporting by the RET.		
Remedial action: Inspect and repair the AISG bus if needed, otherwise replace the RET.		

IK4010011 RET FAULT 1

Table 3-757 General information

Alarm	Attributes	Supported releases
Name: RET FAULT 1 InfoKey number: IK4010011 5620 SAM ID: 3205 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4010012 RET FAULT 2

Table 3-758 General information

Alarm	Attributes	Supported releases
Name: RET FAULT 2 InfoKey number: IK4010012 5620 SAM ID: 3206 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4010013 RET FAULT 3

Table 3-759 General information

Alarm	Attributes	Supported releases
Name: RET FAULT 3 InfoKey number: IK4010013 5620 SAM ID: 3207 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4010014 RET FAULT 4

Table 3-760 General information

Alarm	Attributes	Supported releases
Name: RET FAULT 4 InfoKey number: IK4010014 5620 SAM ID: 3208 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4010015 RET FAULT 5

Table 3-761 General information

Alarm	Attributes	Supported releases
Name: RET FAULT 5 InfoKey number: IK4010015 5620 SAM ID: 3209 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4011001 ANTENNA_PORT RESOURCE DEPENDENCY TX

Table 3-762 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RESOURCE DEPENDENCY TX InfoKey number: IK4011001 5620 SAM ID: 3210 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the resource supporting the downlink antenna is not available. This is an internal fault only and should be remove from operator view, it is used to associate an antenna path failure due to CPRI link failure.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM and the antenna.This is an internal fault only, remove from operator view.		

IK4011002 ANTENNA_PORT RESOURCE DEPENDENCY RX

Table 3-763 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RESOURCE DEPENDENCY RX InfoKey number: IK4011002 5620 SAM ID: 3211 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the resource supporting the uplink antenna is not available. This is an internal fault only and should be remove from operator view, it is used to associate an antenna path failure due to CPRI link failure.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM and the antenna.This is an internal fault only, remove from operator view		

IK4011003 ANTENNA_PORT GAIN CONTROL WARNING TX

Table 3-764 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT GAIN CONTROL WARNING TX InfoKey number: IK4011003 5620 SAM ID: 3212 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the antenna.		

IK4011004 ANTENNA_PORT TX FAIL

Table 3-765 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT TX FAIL InfoKey number: IK4011004 5620 SAM ID: 3213 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the failure of the transmit chain. The RF transmission is not possible.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset RFM. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace the antenna.		

IK4011005 ANTENNA_PORT GAIN CONTROL TX

Table 3-766 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT GAIN CONTROL TX InfoKey number: IK4011005 5620 SAM ID: 3214 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the transmit main branch gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the antenna.		

IK4011006 ANTENNA_PORT RF OUTPUT OVRDRV TX

Table 3-767 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RF OUTPUT OVRDRV TX InfoKey number: IK4011006 5620 SAM ID: 3215 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates excessive RF level at amp output. The RF is interrupted for hardware protection.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the antenna.		

IK4011007 ANTENNA_PORT RX FAIL

Table 3-768 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RX FAIL InfoKey number: IK4011007 5620 SAM ID: 3216 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset RFM. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace antenna.		

IK4011008 ANTENNA_PORT EQUIP FAIL TX

Table 3-769 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT EQUIP FAIL TX InfoKey number: IK4011008 5620 SAM ID: 3217 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the antenna.		

IK4011009 ANTENNA_PORT DIGITAL INPUT OVRDRV TX

Table 3-770 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT DIGITAL INPUT OVRDRV TX InfoKey number: IK4011009 5620 SAM ID: 3218 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the Tx RMS input signal is at least 5dB greater than nominal maximum power.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset RFM. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace the antenna.		

IK4011010 ANTENNA_PORT TX VSWR THRESH1

Table 3-771 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT TX VSWR THRESH1 InfoKey number: IK4011010 5620 SAM ID: 3219 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the Tx VSWR test detected a THRESH Level violation.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the antenna.		

IK4011011 ANTENNA_PORT TX VSWR THRESH2

Table 3-772 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT TX VSWR THRESH2 InfoKey number: IK4011011 5620 SAM ID: 3220 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the Tx VSWR test detected a THRESH2 Level violation.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the antenna.		

IK4011012 ANTENNA_PORT RX VSWR THRESH

Table 3-773 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RX VSWR THRESH InfoKey number: IK4011012 5620 SAM ID: 3221 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the Rx VSWR test detected a THRESH Level violation.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the antenna.		

IK4011013 ANTENNA_PORT LNA FAIL

Table 3-774 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT LNA FAIL InfoKey number: IK4011013 5620 SAM ID: 3222 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the external filter module detected LNA failure.		
Impact: No impact on the eNodeB.		
Remedial action: Reset RFM. If the alarm persists, call the next level of support.		

IK4011014 ANTENNA_PORT TTLNA FAILURE

Table 3-775 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT TTLNA FAILURE InfoKey number: IK4011014 5620 SAM ID: 3223 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

IK4011015 ANTENNA_PORT FAULT 1

Table 3-776 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 1 InfoKey number: IK4011015 5620 SAM ID: 3224 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4011016 ANTENNA_PORT FAULT 2

Table 3-777 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 2 InfoKey number: IK4011016 5620 SAM ID: 3225 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4011017 ANTENNA_PORT FAULT 3

Table 3-778 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 3 InfoKey number: IK4011017 5620 SAM ID: 3226 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4011018 ANTENNA_PORT FAULT 4

Table 3-779 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 4 InfoKey number: IK4011018 5620 SAM ID: 3227 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4011019 ANTENNA_PORT FAULT 5

Table 3-780 General information

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 5 InfoKey number: IK4011019 5620 SAM ID: 3228 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintance action details.		

IK4201001 SW CANNOT BE UPDATED AUTOMATICALLY

Table 3-781 General information

Alarm	Attributes	Supported releases
Name: SW CANNOT BE UPDATED AUTOMATICALLY InfoKey number: IK4201001 5620 SAM ID: 2674 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure to download the software for the new module.		
Impact: Software for the module is not available.		
Remedial action: Check the code server setting. The code server path is accessible via SAM or NEM. Consult the SAM resp. NEM user guide specification to see how to access the code server attribute using either application.		

IK4201002 CURRENT SW DOES NOT SUPPORT THE NEW HW MODULE

Table 3-782 General information

Alarm	Attributes	Supported releases
Name: CURRENT SW DOES NOT SUPPORT THE NEW HW MODULE InfoKey number: IK4201002 5620 SAM ID: 2675 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the current software does not support the hardware.		
Impact: Software for the module is not available.		
Remedial action: Requires a new software package to support the hardware.		

IK4201003 SW NOT AVAILABLE, DOWNLOAD STARTED

Table 3-783 General information

Alarm	Attributes	Supported releases
Name: SW NOT AVAILABLE, DOWNLOAD STARTED InfoKey number: IK4201003 5620 SAM ID: 2676 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the software is not available and the download is started.		
Impact: Software for the module is not available.		
Remedial action: Wait for download to complete.		

IK4201004 SW DOWNLOAD/ACTIVATION FAILURE

Table 3-784 General information

Alarm	Attributes	Supported releases
Name: SW DOWNLOAD/ACTIVATION FAILURE InfoKey number: IK4201004 5620 SAM ID: 2677 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

IK4201005 SW DOWNLOAD/ACTIVATION FAILURE

Table 3-785 General information

Alarm	Attributes	Supported releases
Name: SW DOWNLOAD/ACTIVATION FAILURE InfoKey number: IK4201005 5620 SAM ID: 2678 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

IK4201006 SW DOWNLOAD/ACTIVATION FAILURE

Table 3-786 General information

Alarm	Attributes	Supported releases
Name: SW DOWNLOAD/ACTIVATION FAILURE InfoKey number: IK4201006 5620 SAM ID: 2679 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): RRH Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

IK4201007 SW DOWNLOAD/ACTIVATION FAILURE

Table 3-787 General information

Alarm	Attributes	Supported releases
Name: SW DOWNLOAD/ACTIVATION FAILURE InfoKey number: IK4201007 5620 SAM ID: 2680 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): TRDU Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

IK4201008 SW NOT AVAILABLE, DOWNLOAD STARTED

Table 3-788 General information

Alarm	Attributes	Supported releases
Name: SW NOT AVAILABLE, DOWNLOAD STARTED InfoKey number: IK4201008 5620 SAM ID: 3229 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the software is not available and the download is started.		
Impact: Software for the module is not available.		
Remedial action: Wait for download to complete.		

IK4305001 MODULE SCENARIO ERROR

Table 3-789 General information

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305001 5620 SAM ID: 2681 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4305002 MODULE SCENARIO ERROR

Table 3-790 General information

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305002 5620 SAM ID: 2682 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4305003 MODULE SCENARIO ERROR

Table 3-791 General information

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305003 5620 SAM ID: 2683 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4305004 MODULE SCENARIO ERROR

Table 3-792 General information

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305004 5620 SAM ID: 2684 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4305005 MODULE SCENARIO ERROR

Table 3-793 General information

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305005 5620 SAM ID: 2685 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4305006 MISSING CALLP SUBSCRIPTION

Table 3-794 General information

Alarm	Attributes	Supported releases
Name: MISSING CALLP SUBSCRIPTION InfoKey number: IK4305006 5620 SAM ID: 2686 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the CallP instance did not send the subscribe message due to initialization error in the CallP instance.		
Impact: Telecom: The telecom resources processed by the module not operational. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

IK4305007 MISSING CALLP REQUEST

Table 3-795 General information

Alarm	Attributes	Supported releases
Name: MISSING CALLP REQUEST InfoKey number: IK4305007 5620 SAM ID: 2687 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that there is no request from any CallP instance for the MIM status.		
Impact: Telecom: The telecom resources processed by the module not operational. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

IK4305008 RESET DB

Table 3-796 General information

Alarm	Attributes	Supported releases
Name: RESET DB InfoKey number: IK4305008 5620 SAM ID: 2688 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to restore database.		
Impact: The controller board resets automatically with an empty database.		
Remedial action: Contact the next level of support.		

IK4305009 INCORRECT FREQUENCY BAND

Table 3-797 General information

Alarm	Attributes	Supported releases
Name: INCORRECT FREQUENCY BAND InfoKey number: IK4305009 5620 SAM ID: 2689 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that the module is not compatible with the frequency band configuration data.		
Impact: The hardware does not support the frequency indicated in the configuration data.		
Remedial action: Verify the frequency band of the module with the configured frequency band. If the alarm persists, replace the module.		

IK4305010 CELL CONFIGURATION FAILURE

Table 3-798 General information

Alarm	Attributes	Supported releases
Name: CELL CONFIGURATION FAILURE InfoKey number: IK4305010 5620 SAM ID: 2690 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates the failure to configure the cell.		
Impact: Telecom: The telecom service on the cell is disabled. OAM: No impact on OAM service.		
Remedial action: Verify the cell configuration data. Reset the modem and allocate the cell resources.		

IK4305011 MISSING CALLP ACTION

Table 3-799 General information

Alarm	Attributes	Supported releases
Name: MISSING CALLP ACTION InfoKey number: IK4305011 5620 SAM ID: 2691 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates that CallP did not update the OAM database.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Perform lock/unlock on the impacted cell. If needed, perform eNodeB reset.		

IK4305012 INVALID CONFIGURATION DATA

Table 3-800 General information

Alarm	Attributes	Supported releases
Name: INVALID CONFIGURATION DATA InfoKey number: IK4305012 5620 SAM ID: 2692 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates inconsistency in the eNodeB configuration data.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305013 IP ADDRESS CONFIGURATION DATA MISMATCH

Table 3-801 General information

Alarm	Attributes	Supported releases
Name: IP ADDRESS CONFIGURATION DATA MISMATCH InfoKey number: IK4305013 5620 SAM ID: 2693 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a mismatch in the IP address type and the actual IP address specified in the configuration data.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305014 IP ADDRESS CONFIGURATION DATA MISMATCH

Table 3-802 General information

Alarm	Attributes	Supported releases
Name: IP ADDRESS CONFIGURATION DATA MISMATCH InfoKey number: IK4305014 5620 SAM ID: 2694 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates a mismatch in the IP address type and the actual IP address specified in the configuration data.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305017 INVALID TRANSPORT CONFIGURATION DATA

Table 3-803 General information

Alarm	Attributes	Supported releases
Name: INVALID TRANSPORT CONFIGURATION DATA InfoKey number: IK4305017 5620 SAM ID: 2697 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This alarm indicates an inconsistency in the eNodeB transport configuration data.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305018 PRIMARY IPSEC TUNNEL FAILURE

Table 3-804 General information

Alarm	Attributes	Supported releases
Name: PRIMARY IPSEC TUNNEL FAILURE InfoKey number: IK4305018 5620 SAM ID: 2698 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the failure of the primary IPsec tunnel.		
Impact: Telecom: Telecom traffic is not possible if the secondary IPSec tunnel is not configured. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

IK4305019 SECONDARY IPSEC TUNNEL FAILURE

Table 3-805 General information

Alarm	Attributes	Supported releases
Name: SECONDARY IPSEC TUNNEL FAILURE InfoKey number: IK4305019 5620 SAM ID: 2699 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the failure of the secondary IPsec tunnel.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

IK4305020 FACTORY MODE

Table 3-806 General information

Alarm	Attributes	Supported releases
Name: FACTORY MODE InfoKey number: IK4305020 5620 SAM ID: 2700 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the eNodeB is not completely configured.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Complete the eNodeB configuration.		

IK4305021 VSWR CONFIGURATION FAILURE

Table 3-807 General information

Alarm	Attributes	Supported releases
Name: VSWR CONFIGURATION FAILURE InfoKey number: IK4305021 5620 SAM ID: 2701 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the thresholds of the VSWR configuration could not be applied to the eNodeB.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service but VSWR supervision may not be active.		
Remedial action: Verify the correctness of the configuration data. Apply again the data. Reset the eNodeB if it fails.		

IK4305022 VSWR CONFIGURATION FAILURE

Table 3-808 General information

Alarm	Attributes	Supported releases
Name: VSWR CONFIGURATION FAILURE InfoKey number: IK4305022 5620 SAM ID: 2702 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the thresholds of the VSWR configuration could not be applied to the eNodeB.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service but VSWR supervision may not be active.		
Remedial action: Verify the correctness of the configuration data. Apply again the data. Reset the eNodeB if it fails.		

IK4305023 DELAY TIMING OUT OF RANGE

Table 3-809 General information

Alarm	Attributes	Supported releases
Name: DELAY TIMING OUT OF RANGE InfoKey number: IK4305023 5620 SAM ID: 2703 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: corruptData Default probable cause ID: 910 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the delay timing values is out of range.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify the correctness of the configuration data.		

IK4305024 MODULE SCENARIO ERROR

Table 3-810 General information

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305024 5620 SAM ID: 2704 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4305025 MODULE SCENARIO ERROR

Table 3-811 General information

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305025 5620 SAM ID: 2705 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4305026 MODULE SCENARIO ERROR

Table 3-812 General information

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305026 5620 SAM ID: 2706 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

IK4305027 IP ADDRESS CONFIGURATION DATA MISMATCH

Table 3-813 General information

Alarm	Attributes	Supported releases
Name: IP ADDRESS CONFIGURATION DATA MISMATCH InfoKey number: IK4305027 5620 SAM ID: 2707 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): ENBEquipment Default probable cause: corruptData Default probable cause ID: 910 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the eNodeB performed an autonomous fallback to the previous transport configuration due to lack of OAM connectivity.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service if the eNodeB can be connected by the network management system.		
Remedial action: Verify and correct the configuration data.		

IK4305028 TOTAL ROUND TRIP DELAY EXCEEDED

Table 3-814 General information

Alarm	Attributes	Supported releases
Name: TOTAL ROUND TRIP DELAY EXCEEDED InfoKey number: IK4305028 5620 SAM ID: 2708 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the eNodeB measured total round trip delay exceeds a predefined maximum allowed value.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify fiber length between Controller Board and Remote Radio Head. Verfify antenna cable length.		

IK4305029 DELAY COMPENSATION WARNING

Table 3-815 General information

Alarm	Attributes	Supported releases
Name: DELAY COMPENSATION WARNING InfoKey number: IK4305029 5620 SAM ID: 2709 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the eNodeB delay compensation is not accurate enough.		
Impact: Telecom: The cell might be impacted. OAM: No impact on OAM service.		
Remedial action: Verify delay compensation parameters.		

IK4305030 HW SW CAPABILITY CHECK RADIOCAC FAILURE

Table 3-816 General information

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY CHECK RADIOCAC FAILURE InfoKey number: IK4305030 5620 SAM ID: 2710 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the configuration parameters, number of users per cell and/or number of data bearers per cell, exceed the HW or SW capabilities of the modem.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305031 HW SW CAPABILITY CHECK CELL FAILURE

Table 3-817 General information

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY CHECK CELL FAILURE InfoKey number: IK4305031 5620 SAM ID: 2711 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the configured bandwidth and/or downlink power of the cell is not in line with the HW capabilities.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305032 HW SW CAPABILITY CHECK DOWNGRADE

Table 3-818 General information

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY CHECK DOWNGRADE InfoKey number: IK4305032 5620 SAM ID: 2712 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the configuration data is inconsistent with the HW and SW capabilities of the eNodeB. OAM has downgraded the configured data to be in line with the HW and SW capabilities.		
Impact: Telecom: The cell is operational but degraded. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305033 DELAY COMPENSATION FAILURE

Table 3-819 General information

Alarm	Attributes	Supported releases
Name: DELAY COMPENSATION FAILURE InfoKey number: IK4305033 5620 SAM ID: 2713 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the eNodeB is unable to compute a valid downlink/uplink frame offset value for the modem.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify the fiber length between the controller board and the remote radio head. Verfify the antenna cable length. Verify the delay compensation parameters.		

IK4305034 DELAY COMPENSATION HW CAPABILITY FAILURE

Table 3-820 General information

Alarm	Attributes	Supported releases
Name: DELAY COMPENSATION HW CAPABILITY FAILURE InfoKey number: IK4305034 5620 SAM ID: 2714 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the eNodeB is unable to compute a valid downlink/uplink frame offset value for the modem because of hardware constraints.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify the hardware capabilities of the controller and of the remote radio head.		

IK4305035 MISSING MODEM RESOURCES FOR CONFIGURED LTECELL

Table 3-821 General information

Alarm	Attributes	Supported releases
Name: MISSING MODEM RESOURCES FOR CONFIGURED LTECELL InfoKey number: IK4305035 5620 SAM ID: 3230 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that there are not enough modem resources available to support the configured cell.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305036 MISSING RFM FOR CONFIGURED LTECELL

Table 3-822 General information

Alarm	Attributes	Supported releases
Name: MISSING RFM FOR CONFIGURED LTECELL InfoKey number: IK4305036 5620 SAM ID: 3231 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that there are no sectors or RFMs available to support the configured cell.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305037 RFM EQUIPPED WITHOUT LTECELL CONFIGURATION

Table 3-823 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIPPED WITHOUT LTECELL CONFIGURATION InfoKey number: IK4305037 5620 SAM ID: 3232 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): RRH Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that there is a RRH equipped but no cell is mapped on the sector.		
Impact: Telecom: The sector is not providing telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305038 RFM EQUIPPED WITHOUT LTECELL CONFIGURATION

Table 3-824 General information

Alarm	Attributes	Supported releases
Name: RFM EQUIPPED WITHOUT LTECELL CONFIGURATION InfoKey number: IK4305038 5620 SAM ID: 3233 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): TRDU Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that there is a TRDU equipped but no cell is mapped on the sector.		
Impact: Telecom: The sector is not providing telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305039 BB EQUIPPED WITHOUT LTECELL CONFIGURATION

Table 3-825 General information

Alarm	Attributes	Supported releases
Name: BB EQUIPPED WITHOUT LTECELL CONFIGURATION InfoKey number: IK4305039 5620 SAM ID: 3234 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that there is a modem equipped but no cell is mapped.		
Impact: Telecom: The modem board does not provide telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305040 HW SW CAPABILITY ANTENNA CONFIGURATION FAILURE

Table 3-826 General information

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY ANTENNA CONFIGURATION FAILURE InfoKey number: IK4305040 5620 SAM ID: 3235 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the antenna configuration data is inconsistent with the hardware and software capabilities of the eNodeB.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305041 HW SW CAPABILITY DLEARFCN VIOLATE LOWER BANDEDGE

Table 3-827 General information

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY DLEARFCN VIOLATE LOWER BANDEDGE InfoKey number: IK4305041 5620 SAM ID: 3236 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the configured downlink EARFCN with the configured bandwidth violate the lower operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305042 HW SW CAPABILITY DLEARFCN VIOLATE UPPER BANDEDGE

Table 3-828 General information

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY DLEARFCN VIOLATE UPPER BANDEDGE InfoKey number: IK4305042 5620 SAM ID: 3237 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the configured downlink EARFCN with the configured bandwidth violate the upper operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305043 HW SW CAPABILITY ULEARFCN VIOLATE LOWER BANDEDGE

Table 3-829 General information

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY ULEARFCN VIOLATE LOWER BANDEDGE InfoKey number: IK4305043 5620 SAM ID: 3238 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the configured uplink EARFCN with the configured bandwidth violate the lower operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305044 HW SW CAPABILITY ULEARFCN VIOLATE UPPER BANDEDGE

Table 3-830 General information

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY ULEARFCN VIOLATE UPPER BANDEDGE InfoKey number: IK4305044 5620 SAM ID: 3239 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the configured uplink EARFCN with the configured bandwidth violate the upper operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305045 HW SW CAPABILITY RACK DOES NOT SUPPORT MODEM

Table 3-831 General information

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY RACK DOES NOT SUPPORT MODEM InfoKey number: IK4305045 5620 SAM ID: 3240 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the equipped modem version is not support by d2u rack version.		
Impact: Telecom: The modem board is not operational and can not provide telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the equipment configuration.		

IK4305046 LOSS OF GEO LOC PHASE SYNC

Table 3-832 General information

Alarm	Attributes	Supported releases
Name: LOSS OF GEO LOC PHASE SYNC InfoKey number: IK4305046 5620 SAM ID: 3241 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the 100ns phase sync can no longer be guaranteed due to loss of GPS reference.		
Impact: Telecom: OTDOA service is no longer supported. Telecom traffic is still possible. OAM: No impact on OAM service.		
Remedial action: Resolve faulty references.		

IK4305047 CDMA PHASE SYNC HOLDOVER TIMER EXPIRED

Table 3-833 General information

Alarm	Attributes	Supported releases
Name: CDMA PHASE SYNC HOLDOVER TIMER EXPIRED InfoKey number: IK4305047 5620 SAM ID: 3242 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the phase sync holdover time expired. The LTE to HRPD enhanced non optimized handover is no longer possible.		
Impact: Telecom: LTE to HRDP enhanced handover not possible. OAM: None.		
Remedial action: Resolve faulty references.		

IK4305048 CT NOT STARTED DUE TO ACTIVE DDT

Table 3-834 General information

Alarm	Attributes	Supported releases
Name: CT NOT STARTED DUE TO ACTIVE DDT InfoKey number: IK4305048 5620 SAM ID: 3243 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that call trace could not be started because dynamic debug trace is already active.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305049 DDT NOT STARTED DUE TO ACTIVE CT

Table 3-835 General information

Alarm	Attributes	Supported releases
Name: DDT NOT STARTED DUE TO ACTIVE CT InfoKey number: IK4305049 5620 SAM ID: 3244 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that dynamic debug trace could not be started because call trace is already active.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

IK4305050 TRACE CONFIGURATION FAILURE

Table 3-836 General information

Alarm	Attributes	Supported releases
Name: TRACE CONFIGURATION FAILURE InfoKey number: IK4305050 5620 SAM ID: 3245 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the trace server destination could not be configured.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data. If the problem persists, reset the eNodeB.		

IK4305051 UNCOMPLETE ENB SCENARIO RELATED TO CELL

Table 3-837 General information

Alarm	Attributes	Supported releases
Name: UNCOMPLETE ENB SCENARIO RELATED TO CELL InfoKey number: IK4305051 5620 SAM ID: 3246 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that CallP did not update the OAM database.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Perform lock/unlock on the impacted cell. If needed, perform eNodeB reset.		

IK4305052 FEATURE UNLIMITED PRB LICENSE NOT SUPPORTED

Table 3-838 General information

Alarm	Attributes	Supported releases
Name: FEATURE UNLIMITED PRB LICENSE NOT SUPPORTED InfoKey number: IK4305052 5620 SAM ID: 3247 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature mismatch, feature UnlimitedPRBLicense is disabled by eNodeB OAM.		
Impact: No impact on eNodeb except for the feature UnlimitedPRBLicense which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305053 FEATURE MOBILITY TO 1XRTT NOT SUPPORTED

Table 3-839 General information

Alarm	Attributes	Supported releases
Name: FEATURE MOBILITY TO 1XRTT NOT SUPPORTED InfoKey number: IK4305053 5620 SAM ID: 3248 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature mismatch, MobilityTo1xRTT feature disabled by eNodeB OAM.		
Impact: No impact on eNodeb except for the feature MobilityTo1xRTT which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305054 FEATURE UE CATEGORY 4 NOT SUPPORTED

Table 3-840 General information

Alarm	Attributes	Supported releases
Name: FEATURE UE CATEGORY 4 NOT SUPPORTED InfoKey number: IK4305054 5620 SAM ID: 3249 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature mismatch, UeCategory4 feature disabled by eNodeB OAM.		
Impact: No impact on eNodeb except for the feature UeCategory4 which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305055 FEATURE SPS NOT SUPPORTED

Table 3-841 General information

Alarm	Attributes	Supported releases
Name: FEATURE SPS NOT SUPPORTED InfoKey number: IK4305055 5620 SAM ID: 3250 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature mismatch, Sps feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeb except for the feature Sps which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305056 FEATURE ROHC NOT SUPPORTED

Table 3-842 General information

Alarm	Attributes	Supported releases
Name: FEATURE ROHC NOT SUPPORTED InfoKey number: IK4305056 5620 SAM ID: 3251 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature mismatch, Rohc feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeb except for the feature Rohc which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305057 FEATURE ECID NOT SUPPORTED

Table 3-843 General information

Alarm	Attributes	Supported releases
Name: FEATURE ECID NOT SUPPORTED InfoKey number: IK4305057 5620 SAM ID: 3252 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature mismatch, Ecid feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeb except for the feature Ecid which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305058 FEATURE OTDOA HEARABILITY ENHANCEMENT SUPPORT NOT SUPPORTED

Table 3-844 General information

Alarm	Attributes	Supported releases
Name: FEATURE OTDOA HEARABILITY ENHANCEMENT SUPPORT NOT SUPPORTED InfoKey number: IK4305058 5620 SAM ID: 3253 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature mismatch, OTDOAHearabilityEnhancement feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeb except for the feature OTDOAHearabilityEnhancement which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305059 FEATURE 4 RX DIVERSITY NOT SUPPORTED

Table 3-845 General information

Alarm	Attributes	Supported releases
Name: FEATURE 4 RX DIVERSITY NOT SUPPORTED InfoKey number: IK4305059 5620 SAM ID: 3254 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature 4RxDiversity mismatch, modem is disabled by OAM.		
Impact: No impact on eNodeb except for the feature 4RxDiversity which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305060 FEATURE SYNC SIGNALS DIVERSITY NOT SUPPORTED

Table 3-846 General information

Alarm	Attributes	Supported releases
Name: FEATURE SYNC SIGNALS DIVERSITY NOT SUPPORTED InfoKey number: IK4305060 5620 SAM ID: 3255 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature mismatch, SyncSignalsDiversity feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeb except for the feature SyncSignalsDiversity which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305061 FEATURE NOT SUPPORTED

Table 3-847 General information

Alarm	Attributes	Supported releases
Name: FEATURE NOT SUPPORTED InfoKey number: IK4305061 5620 SAM ID: 3256 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a modem type feature mismatch, feature is disabled by OAM.		
Impact: No impact on eNodeb except for the feature which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305062 EXPECTED MODEM NOT EQUIPPED

Table 3-848 General information

Alarm	Attributes	Supported releases
Name: EXPECTED MODEM NOT EQUIPPED InfoKey number: IK4305062 5620 SAM ID: 3257 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that equipped modem type does not fit the expectedModemType in the database.		
Impact: All features of modem type are not supported and modem is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305063 FEATURE 15 MHZ NOT SUPPORTED BY MODEM TYPE

Table 3-849 General information

Alarm	Attributes	Supported releases
Name: FEATURE 15 MHZ NOT SUPPORTED BY MODEM TYPE InfoKey number: IK4305063 5620 SAM ID: 3258 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that modem type does not support 15 MHz bandwidth.		
Impact: Equipped modem type does not support 15 MHz and modem is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305064 FEATURE MODEM TYPE DOES NOT SUPPORT OPERATING BAND

Table 3-850 General information

Alarm	Attributes	Supported releases
Name: FEATURE MODEM TYPE DOES NOT SUPPORT OPERATING BAND InfoKey number: IK4305064 5620 SAM ID: 3259 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that modem type does not support the configured operating band from feature point of view.		
Impact: Equipped modem type does not support the operating band from feature point of view and modem is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

IK4305065 TMA SOFTWARE DOWNLOAD FAILURE

Table 3-851 General information

Alarm	Attributes	Supported releases
Name: TMA SOFTWARE DOWNLOAD FAILURE InfoKey number: IK4305065 5620 SAM ID: 3260 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the software download to the TMA unit failed.		
Impact: The telecom service may be degraded because of missing TMA amplification.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

IK4305066 RET SOFTWARE DOWNLOAD FAILURE

Table 3-852 General information

Alarm	Attributes	Supported releases
Name: RET SOFTWARE DOWNLOAD FAILURE InfoKey number: IK4305066 5620 SAM ID: 3261 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the software download to the RET unit failed.		
Impact: No impact on eNodeB except that the antenna tilting can not be changed.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

IK4305067 RET ANTENNA CONFIGURATION FILE DOWNLOAD FAILURE

Table 3-853 General information

Alarm	Attributes	Supported releases
Name: RET ANTENNA CONFIGURATION FILE DOWNLOAD FAILURE InfoKey number: IK4305067 5620 SAM ID: 3262 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the configuration file download to the RET unit failed.		
Impact: No impact on eNodeB except that the antenna tilting can not be changed.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

IK4305068 ANTENNA PATH LOST

Table 3-854 General information

Alarm	Attributes	Supported releases
Name: ANTENNA PATH LOST InfoKey number: IK4305068 5620 SAM ID: 3263 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that at least one antenna path of that cell is lost and that the cell operates in degraded mode (e.g. SIMO/SISO instead of MIMO).		
Impact: Telecom: The cell is still operational, but operates in degraded mode. OAM: No impact on OAM service.		
Remedial action: Verify the antennas and the RFM, belonging to the cell.		

IK4305069 UNKNOWN FAULT

Table 3-855 General information

Alarm	Attributes	Supported releases
Name: UNKNOWN FAULT InfoKey number: IK4305069 5620 SAM ID: 3264 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the OAM layer of the eNodeB received an unknown fault from an other software layer. A specific handling of this unknown fault is not possible. Eventually available information about the unknown fault is provided in the alarm additional information attribute.		
Impact: The impact on the eNodeB depends on the nature of the unknown fault.		
Remedial action: Contact the next level of support.		

IK4305070 3GPP TEST MODE CONFIGURATION FAILURE

Table 3-856 General information

Alarm	Attributes	Supported releases
Name: 3GPP TEST MODE CONFIGURATION FAILURE InfoKey number: IK4305070 5620 SAM ID: 3265 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that during the configuration of the 3GPP test mode the call processing layer or the modem software failed to process the provided configuration.		
Impact: The configuration of the desired 3GPP test mode on the cell failed. The test can not be started.		
Remedial action: Check and correct the configuration data. Lock/unlock the cell. If the problem persists, contact the next level support.		

IK4305071 CELL DIV IMBALANCE THRESHOLD EXCEEDED

Table 3-857 General information

Alarm	Attributes	Supported releases
Name: CELL DIV IMBALANCE THRESHOLD EXCEEDED InfoKey number: IK4305071 5620 SAM ID: 3266 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates the exceedance of the imbalance threshold between the diversity receive signals.		
Impact: No impact on eNodeB.		
Remedial action: Check the antennas and antenna cables and connections. If the problem persists then replace the RFM.		

IK4305072 OAM CELL FAULT 1

Table 3-858 General information

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 1 InfoKey number: IK4305072 5620 SAM ID: 3267 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4305073 OAM CELL FAULT 2

Table 3-859 General information

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 2 InfoKey number: IK4305073 5620 SAM ID: 3268 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4305074 OAM CELL FAULT 3

Table 3-860 General information

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 3 InfoKey number: IK4305074 5620 SAM ID: 3269 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4305075 OAM CELL FAULT 4

Table 3-861 General information

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 4 InfoKey number: IK4305075 5620 SAM ID: 3270 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4305076 OAM CELL FAULT 5

Table 3-862 General information

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 5 InfoKey number: IK4305076 5620 SAM ID: 3271 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4500001 AMR EXTERNAL CONTACT CHANGE 1

Table 3-863 General information

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4500001 5620 SAM ID: 2715 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

IK4500002 AMR EXTERNAL CONTACT CHANGE 2

Table 3-864 General information

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4500002 5620 SAM ID: 2716 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

IK4500003 AMR EXTERNAL CONTACT CHANGE 3

Table 3-865 General information

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4500003 5620 SAM ID: 2717 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

IK4500004 AMR EXTERNAL CONTACT CHANGE 4

Table 3-866 General information

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4500004 5620 SAM ID: 2718 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

IK4500005 AMR EXTERNAL CONTACT CHANGE 5

Table 3-867 General information

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4500005 5620 SAM ID: 2719 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

IK4500006 AMR EXTERNAL CONTACT CHANGE 6

Table 3-868 General information

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4500006 5620 SAM ID: 2720 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

IK4500007 AMR EXTERNAL CONTACT CHANGE 7

Table 3-869 General information

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 7 InfoKey number: IK4500007 5620 SAM ID: 2721 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

IK4500008 AMR EXTERNAL CONTACT CHANGE 8

Table 3-870 General information

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 8 InfoKey number: IK4500008 5620 SAM ID: 2722 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

IK4500009 DBU EXTERNAL CONTACT CHANGE 1

Table 3-871 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4500009 5620 SAM ID: 2723 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500010 DBU EXTERNAL CONTACT CHANGE 2

Table 3-872 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4500010 5620 SAM ID: 2724 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500011 DBU EXTERNAL CONTACT CHANGE 3

Table 3-873 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4500011 5620 SAM ID: 2725 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500012 DBU EXTERNAL CONTACT CHANGE 4

Table 3-874 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4500012 5620 SAM ID: 2726 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500013 DBU EXTERNAL CONTACT CHANGE 5

Table 3-875 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4500013 5620 SAM ID: 2727 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500014 DBU EXTERNAL CONTACT CHANGE 6

Table 3-876 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4500014 5620 SAM ID: 2728 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500015 DBU EXTERNAL CONTACT CHANGE 7

Table 3-877 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 7 InfoKey number: IK4500015 5620 SAM ID: 2729 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500016 DBU EXTERNAL CONTACT CHANGE 8

Table 3-878 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 8 InfoKey number: IK4500016 5620 SAM ID: 2730 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500017 DBU EXTERNAL CONTACT CHANGE 9

Table 3-879 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 9 InfoKey number: IK4500017 5620 SAM ID: 2731 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500018 DBU EXTERNAL CONTACT CHANGE 10

Table 3-880 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 10 InfoKey number: IK4500018 5620 SAM ID: 2732 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500019 DBU EXTERNAL CONTACT CHANGE 11

Table 3-881 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 11 InfoKey number: IK4500019 5620 SAM ID: 2733 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500020 DBU EXTERNAL CONTACT CHANGE 12

Table 3-882 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 12 InfoKey number: IK4500020 5620 SAM ID: 2734 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500021 DBU EXTERNAL CONTACT CHANGE 13

Table 3-883 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 13 InfoKey number: IK4500021 5620 SAM ID: 2735 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500022 DBU EXTERNAL CONTACT CHANGE 14

Table 3-884 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 14 InfoKey number: IK4500022 5620 SAM ID: 2736 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500023 DBU EXTERNAL CONTACT CHANGE 15

Table 3-885 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 15 InfoKey number: IK4500023 5620 SAM ID: 2737 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500024 DBU EXTERNAL CONTACT CHANGE 16

Table 3-886 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 16 InfoKey number: IK4500024 5620 SAM ID: 2738 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500025 DBU EXTERNAL CONTACT CHANGE 17

Table 3-887 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 17 InfoKey number: IK4500025 5620 SAM ID: 2739 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500026 DBU EXTERNAL CONTACT CHANGE 18

Table 3-888 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 18 InfoKey number: IK4500026 5620 SAM ID: 2740 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500027 DBU EXTERNAL CONTACT CHANGE 19

Table 3-889 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 19 InfoKey number: IK4500027 5620 SAM ID: 2741 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500028 DBU EXTERNAL CONTACT CHANGE 20

Table 3-890 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 20 InfoKey number: IK4500028 5620 SAM ID: 2742 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500029 DBU EXTERNAL CONTACT CHANGE 21

Table 3-891 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 21 InfoKey number: IK4500029 5620 SAM ID: 2743 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500030 DBU EXTERNAL CONTACT CHANGE 22

Table 3-892 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 22 InfoKey number: IK4500030 5620 SAM ID: 2744 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500031 DBU EXTERNAL CONTACT CHANGE 23

Table 3-893 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 23 InfoKey number: IK4500031 5620 SAM ID: 2745 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500032 DBU EXTERNAL CONTACT CHANGE 24

Table 3-894 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 24 InfoKey number: IK4500032 5620 SAM ID: 2746 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500033 DBU EXTERNAL CONTACT CHANGE 25

Table 3-895 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 25 InfoKey number: IK4500033 5620 SAM ID: 2747 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500034 DBU EXTERNAL CONTACT CHANGE 26

Table 3-896 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 26 InfoKey number: IK4500034 5620 SAM ID: 2748 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500035 DBU EXTERNAL CONTACT CHANGE 27

Table 3-897 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 27 InfoKey number: IK4500035 5620 SAM ID: 2749 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500036 DBU EXTERNAL CONTACT CHANGE 28

Table 3-898 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 28 InfoKey number: IK4500036 5620 SAM ID: 2750 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500037 DBU EXTERNAL CONTACT CHANGE 29

Table 3-899 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 29 InfoKey number: IK4500037 5620 SAM ID: 2751 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500038 DBU EXTERNAL CONTACT CHANGE 30

Table 3-900 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 30 InfoKey number: IK4500038 5620 SAM ID: 2752 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500039 DBU EXTERNAL CONTACT CHANGE 31

Table 3-901 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 31 InfoKey number: IK4500039 5620 SAM ID: 2753 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500040 DBU EXTERNAL CONTACT CHANGE 32

Table 3-902 General information

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 32 InfoKey number: IK4500040 5620 SAM ID: 2754 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

IK4500041 RFM EXTERNAL CONTACT CHANGE 1

Table 3-903 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4500041 5620 SAM ID: 2755 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4500042 RFM EXTERNAL CONTACT CHANGE 2

Table 3-904 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4500042 5620 SAM ID: 2756 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4500043 RFM EXTERNAL CONTACT CHANGE 3

Table 3-905 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4500043 5620 SAM ID: 2757 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4500044 RFM EXTERNAL CONTACT CHANGE 4

Table 3-906 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4500044 5620 SAM ID: 2758 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4500045 RFM EXTERNAL CONTACT CHANGE 5

Table 3-907 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4500045 5620 SAM ID: 2759 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4500046 RFM EXTERNAL CONTACT CHANGE 6

Table 3-908 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4500046 5620 SAM ID: 2760 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4500047 RFM EXTERNAL CONTACT CHANGE 7

Table 3-909 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 7 InfoKey number: IK4500047 5620 SAM ID: 3272 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4500048 RFM EXTERNAL CONTACT CHANGE 8

Table 3-910 General information

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 8 InfoKey number: IK4500048 5620 SAM ID: 3273 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

IK4901001 POWER ON

Table 3-911 General information

Alarm	Attributes	Supported releases
Name: POWER ON InfoKey number: IK4901001 5620 SAM ID: 2761 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the system is powered on successfully.		
Impact: All resources are available on successful power on of the system.		
Remedial action: No action is required.		

IK4901002 CORRUPT FILE

Table 3-912 General information

Alarm	Attributes	Supported releases
Name: CORRUPT FILE InfoKey number: IK4901002 5620 SAM ID: 2762 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: Check the software package.		

IK4901003 CORRUPT FILE

Table 3-913 General information

Alarm	Attributes	Supported releases
Name: CORRUPT FILE InfoKey number: IK4901003 5620 SAM ID: 2763 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: Check the software package.		

IK4901004 CORRUPT FILE

Table 3-914 General information

Alarm	Attributes	Supported releases
Name: CORRUPT FILE InfoKey number: IK4901004 5620 SAM ID: 2764 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): RRH Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: Check the software package.		

IK4901005 CORRUPT FILE

Table 3-915 General information

Alarm	Attributes	Supported releases
Name: CORRUPT FILE InfoKey number: IK4901005 5620 SAM ID: 2765 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): TRDU Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: Check the software package.		

IK4901006 RESET CONTROLLER OAM LACK RESOURCE

Table 3-916 General information

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER OAM LACK RESOURCE InfoKey number: IK4901006 5620 SAM ID: 2766 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the controller board is reset due to lack of internal resources.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

IK4901007 RESET CONTROLLER WATCHDOG

Table 3-917 General information

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER WATCHDOG InfoKey number: IK4901007 5620 SAM ID: 2767 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the controller is reset due to hardware watchdog timeout.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

IK4901008 CONTROLLER OAM AUTO RESET

Table 3-918 General information

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM AUTO RESET InfoKey number: IK4901008 5620 SAM ID: 2768 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the controller is auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

IK4901009 OAM AUTO RESET

Table 3-919 General information

Alarm	Attributes	Supported releases
Name: OAM AUTO RESET InfoKey number: IK4901009 5620 SAM ID: 2769 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates an OAM auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

IK4901010 RESET OAM EXCEPTION

Table 3-920 General information

Alarm	Attributes	Supported releases
Name: RESET OAM EXCEPTION InfoKey number: IK4901010 5620 SAM ID: 2770 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the controller is reset due to an processor exception.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

IK4901011 RESET AFTER ACTIVATE WITH DB MIGRATION

Table 3-921 General information

Alarm	Attributes	Supported releases
Name: RESET AFTER ACTIVATE WITH DB MIGRATION InfoKey number: IK4901011 5620 SAM ID: 2771 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the software activation and the successful data migration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4901012 RESET AFTER ACTIVATE WITHOUT DB MIGRATION

Table 3-922 General information

Alarm	Attributes	Supported releases
Name: RESET AFTER ACTIVATE WITHOUT DB MIGRATION InfoKey number: IK4901012 5620 SAM ID: 2772 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the software activation without a data migration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4901013 RESET AFTER ACTIVATE WITH EMPTY DATABASE

Table 3-923 General information

Alarm	Attributes	Supported releases
Name: RESET AFTER ACTIVATE WITH EMPTY DATABASE InfoKey number: IK4901013 5620 SAM ID: 2773 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the software activation. The database is not found.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: Restore a valid eNodeB configuration.		

IK4901014 RESET AFTER REJECT

Table 3-924 General information

Alarm	Attributes	Supported releases
Name: RESET AFTER REJECT InfoKey number: IK4901014 5620 SAM ID: 2774 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the software is rejected. The module is reset to activate the previous software version.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: Check for the proper functioning of the equipment and verify the configuration data.		

IK4901015 RESET AFTER REJECT WITH EMPTY DATABASE

Table 3-925 General information

Alarm	Attributes	Supported releases
Name: RESET AFTER REJECT WITH EMPTY DATABASE InfoKey number: IK4901015 5620 SAM ID: 2775 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the software is rejected. The module is reset to activate the previous software version. The database is not found.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: Restore a valid eNodeB configuration.		

IK4901016 AUTO-REJECT TO PREVIOUS SW VERSION AFTER ACTIVATE

Table 3-926 General information

Alarm	Attributes	Supported releases
Name: AUTO-REJECT TO PREVIOUS SW VERSION AFTER ACTIVATE InfoKey number: IK4901016 5620 SAM ID: 2776 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that a reset was performed due to the activation of the previous software version caused by a corrupt file.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: Restore a valid eNodeB configuration.		

IK4901017 BACK TO ORIGIN SW

Table 3-927 General information

Alarm	Attributes	Supported releases
Name: BACK TO ORIGIN SW InfoKey number: IK4901017 5620 SAM ID: 2777 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that after three consecutive auto resets, an eNodeB reset is performed to fallback to a stable software.		
Impact: Telecom: All associated calls and cells are not operational. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM is ready for software replacement.		
Remedial action: The management system tries to download and activate the valid eNodeB software. If the alarm persists, call the next level of support.		

IK4901018 SW UPDATED AUTOMATICALLY

Table 3-928 General information

Alarm	Attributes	Supported releases
Name: SW UPDATED AUTOMATICALLY InfoKey number: IK4901018 5620 SAM ID: 2778 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the board was enabled with invalid software. OAM automatically updates the required software version.		
Impact: Telecom: All calls and cells associated with the module are not operational. On successful reset, all resources are functional. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4901019 CB DOWNLOAD FAILURE

Table 3-929 General information

Alarm	Attributes	Supported releases
Name: CB DOWNLOAD FAILURE InfoKey number: IK4901019 5620 SAM ID: 2779 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure of the FTP transfer of the software package from the code-server to the local RAM disk.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Check the log files of the FTP server for information on the failure. Verify the code-server path and the software package name.		

IK4901020 CB MODULE DOWNLOAD FAILURE

Table 3-930 General information

Alarm	Attributes	Supported releases
Name: CB MODULE DOWNLOAD FAILURE InfoKey number: IK4901020 5620 SAM ID: 2780 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4901021 BB MODULE DOWNLOAD FAILURE

Table 3-931 General information

Alarm	Attributes	Supported releases
Name: BB MODULE DOWNLOAD FAILURE InfoKey number: IK4901021 5620 SAM ID: 2781 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4901022 RRH MODULE DOWNLOAD FAILURE

Table 3-932 General information

Alarm	Attributes	Supported releases
Name: RRH MODULE DOWNLOAD FAILURE InfoKey number: IK4901022 5620 SAM ID: 2782 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4901023 TRDU MODULE DOWNLOAD FAILURE

Table 3-933 General information

Alarm	Attributes	Supported releases
Name: TRDU MODULE DOWNLOAD FAILURE InfoKey number: IK4901023 5620 SAM ID: 2783 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4901024 SOFTWARE AND DATABASE FALLBACK

Table 3-934 General information

Alarm	Attributes	Supported releases
Name: SOFTWARE AND DATABASE FALLBACK InfoKey number: IK4901024 5620 SAM ID: 2784 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the eNodeB has detected a critical failure		
Impact: Telecom: Services may not be operating properly until the eNodeB is restored to the proper software version and configuration data. OAM: No impact on OAM service.		
Remedial action: Upgrade the eNodeB software and re-configure the eNodeB.		

IK4901025 SOFTWARE FALLBACK

Table 3-935 General information

Alarm	Attributes	Supported releases
Name: SOFTWARE FALLBACK InfoKey number: IK4901025 5620 SAM ID: 2785 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the eNodeB has detected a critical failure during eNodeB initialization while booting from the active software partition. The eNodeB has switched over to the passive software partition and booted up on the previous software version with the previous configuration data.		
Impact: Telecom: Services may not be operating properly until the eNodeB is restored to the proper software version and configuration data. OAM:No impact on OAM service.		
Remedial action: Upgrade the eNodeB software and re-configure the eNodeB.		

IK4901026 NEW SW DOES NOT SUPPORT ALL ACTUAL HW MODULES

Table 3-936 General information

Alarm	Attributes	Supported releases
Name: NEW SW DOES NOT SUPPORT ALL ACTUAL HW MODULES InfoKey number: IK4901026 5620 SAM ID: 2786 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the new software package does not support all actual hardware modules installed in the eNodeB.		
Impact: Telecom: Modules not supported by the software may not offer telecom services. OAM:No impact on OAM service.		
Remedial action: Upgrade the eNodeB software and re-configure the eNodeB.		

IK4901027 BACK TO FACTORY MODE

Table 3-937 General information

Alarm	Attributes	Supported releases
Name: BACK TO FACTORY MODE InfoKey number: IK4901027 5620 SAM ID: 3274 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that software meta data is deleted or corrupted.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service except for remote board contact which is not possible.		
Remedial action: Perform a software replacement.		

IK4901028 BACK TO MINIMUM DB

Table 3-938 General information

Alarm	Attributes	Supported releases
Name: BACK TO MINIMUM DB InfoKey number: IK4901028 5620 SAM ID: 3275 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the database contents have been reset to default.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service.		
Remedial action: Apply new configuration data via Netconf.		

IK4901029 BACK TO FACTORY MODE AND MINIMUM DB

Table 3-939 General information

Alarm	Attributes	Supported releases
Name: BACK TO FACTORY MODE AND MINIMUM DB InfoKey number: IK4901029 5620 SAM ID: 3276 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that software meta data is deleted or corrupted and that the database contents have been reset to default.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service except for remote board contact which is not possible.		
Remedial action: Perform a software replacement and apply new configuratio data via Netconf.		

IK4901030 BB MODULE DOWNLOAD FAILURE

Table 3-940 General information

Alarm	Attributes	Supported releases
Name: BB MODULE DOWNLOAD FAILURE InfoKey number: IK4901030 5620 SAM ID: 3277 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4901031 RESET CONTROLLER OAM LACK RESOURCE

Table 3-941 General information

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER OAM LACK RESOURCE InfoKey number: IK4901031 5620 SAM ID: 3278 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the controller board is reset due to lack of internal resources.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

IK4901032 RESET CONTROLLER WATCHDOG

Table 3-942 General information

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER WATCHDOG InfoKey number: IK4901032 5620 SAM ID: 3279 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the controller is reset due to hardware watchdog timeout.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

IK4901033 CONTROLLER OAM AUTO RESET

Table 3-943 General information

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM AUTO RESET InfoKey number: IK4901033 5620 SAM ID: 3280 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the controller is auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

IK4901034 OAM AUTO RESET

Table 3-944 General information

Alarm	Attributes	Supported releases
Name: OAM AUTO RESET InfoKey number: IK4901034 5620 SAM ID: 3281 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates an OAM auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

IK4904001 UPDATE RI FAILURE

Table 3-945 General information

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904001 5620 SAM ID: 2787 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

IK4904002 UPDATE RI FAILURE

Table 3-946 General information

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904002 5620 SAM ID: 2788 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

IK4904003 UPDATE RI FAILURE

Table 3-947 General information

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904003 5620 SAM ID: 2789 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

IK4904004 UPDATE RI FAILURE

Table 3-948 General information

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904004 5620 SAM ID: 2790 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

IK4904005 UPDATE RI FAILURE

Table 3-949 General information

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904005 5620 SAM ID: 2791 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

IK4904006 CONFIGURATION TIMEOUT

Table 3-950 General information

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904006 5620 SAM ID: 2792 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904007 CONFIGURATION TIMEOUT

Table 3-951 General information

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904007 5620 SAM ID: 2793 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904008 CONFIGURATION TIMEOUT

Table 3-952 General information

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904008 5620 SAM ID: 2794 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904011 CONFIGURATION TIMEOUT

Table 3-953 General information

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904011 5620 SAM ID: 2795 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904013 CONFIGURATION TIMEOUT

Table 3-954 General information

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904013 5620 SAM ID: 2796 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904016 MODULE INSERTION

Table 3-955 General information

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904016 5620 SAM ID: 2797 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904017 MODULE INSERTION

Table 3-956 General information

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904017 5620 SAM ID: 2798 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904018 MODULE INSERTION

Table 3-957 General information

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904018 5620 SAM ID: 2799 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904019 SNAPSHOT FILE AVAILABLE

Table 3-958 General information

Alarm	Attributes	Supported releases
Name: SNAPSHOT FILE AVAILABLE InfoKey number: IK4904019 5620 SAM ID: 2800 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates the availability of new snapshot files.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904020 POSTMORTEM FILE AVAILABLE

Table 3-959 General information

Alarm	Attributes	Supported releases
Name: POSTMORTEM FILE AVAILABLE InfoKey number: IK4904020 5620 SAM ID: 2801 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates the availability of new post-mortem files.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904021 SNAPSHOT FILE FAILURE

Table 3-960 General information

Alarm	Attributes	Supported releases
Name: SNAPSHOT FILE FAILURE InfoKey number: IK4904021 5620 SAM ID: 2802 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the transfer of the new snapshot files to the target server failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904022 POSTMORTEM FILE FAILURE

Table 3-961 General information

Alarm	Attributes	Supported releases
Name: POSTMORTEM FILE FAILURE InfoKey number: IK4904022 5620 SAM ID: 2803 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the transfer of new post-mortem files to the target server failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904023 MODULE INSERTION

Table 3-962 General information

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904023 5620 SAM ID: 2804 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904024 MODULE INSERTION

Table 3-963 General information

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904024 5620 SAM ID: 2805 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904025 MODULE INSERTION

Table 3-964 General information

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904025 5620 SAM ID: 2806 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904026 CONFIGURATION TIMEOUT

Table 3-965 General information

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904026 5620 SAM ID: 2807 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904027 CONFIGURATION TIMEOUT

Table 3-966 General information

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904027 5620 SAM ID: 2808 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904028 CONFIGURATION TIMEOUT

Table 3-967 General information

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904028 5620 SAM ID: 2809 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904029 PROCESSING UNIT OCCUPANCY OVERLOAD

Table 3-968 General information

Alarm	Attributes	Supported releases
Name: PROCESSING UNIT OCCUPANCY OVERLOAD InfoKey number: IK4904029 5620 SAM ID: 3282 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This events indicates that the processing unit is overloaded.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904030 RAM USAGE OVERLOAD

Table 3-969 General information

Alarm	Attributes	Supported releases
Name: RAM USAGE OVERLOAD InfoKey number: IK4904030 5620 SAM ID: 3283 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This events indicates that the RAM exhausted.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904031 PROCESSING UNIT OCCUPANCY OVERLOAD

Table 3-970 General information

Alarm	Attributes	Supported releases
Name: PROCESSING UNIT OCCUPANCY OVERLOAD InfoKey number: IK4904031 5620 SAM ID: 3284 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This events indicates that the processing unit is overloaded.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904032 RAM USAGE OVERLOAD

Table 3-971 General information

Alarm	Attributes	Supported releases
Name: RAM USAGE OVERLOAD InfoKey number: IK4904032 5620 SAM ID: 3285 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This events indicates that the RAM exhausted.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4904033 ON-DEMAND SNAPSHOT FILE AVAILABLE

Table 3-972 General information

Alarm	Attributes	Supported releases
Name: ON-DEMAND SNAPSHOT FILE AVAILABLE InfoKey number: IK4904033 5620 SAM ID: 3286 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates the availability of new on-demand snapshot files.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4904034 ON-DEMAND SNAPSHOT FILE FAILURE

Table 3-973 General information

Alarm	Attributes	Supported releases
Name: ON-DEMAND SNAPSHOT FILE FAILURE InfoKey number: IK4904034 5620 SAM ID: 3287 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the transfer of the new on-demand snapshot files to the target server failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4905001 RESET ON OPERATOR REQUEST

Table 3-974 General information

Alarm	Attributes	Supported releases
Name: RESET ON OPERATOR REQUEST InfoKey number: IK4905001 5620 SAM ID: 2810 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4905002 RESET OAM ON OPERATOR REQUEST

Table 3-975 General information

Alarm	Attributes	Supported releases
Name: RESET OAM ON OPERATOR REQUEST InfoKey number: IK4905002 5620 SAM ID: 2811 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4905003 RESET CONTROLLER OAM ON OPERATOR REQUEST

Table 3-976 General information

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER OAM ON OPERATOR REQUEST InfoKey number: IK4905003 5620 SAM ID: 2812 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4905004 CONTROLLER OAM RESET AFTER RESTORE

Table 3-977 General information

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM RESET AFTER RESTORE InfoKey number: IK4905004 5620 SAM ID: 2813 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the controller board is reset to restore the configuration data.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4905005 CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE

Table 3-978 General information

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE InfoKey number: IK4905005 5620 SAM ID: 2814 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: corruptData Default probable cause ID: 910 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates an OAM auto-reset with an empty database as the database was not restored properly.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: Restore a valid eNodeB configuration.		

IK4905006 LRA RESET

Table 3-979 General information

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905006 5620 SAM ID: 2815 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905007 LRA RESET

Table 3-980 General information

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905007 5620 SAM ID: 2816 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905008 LRA RESET

Table 3-981 General information

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905008 5620 SAM ID: 2817 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905009 LRA RESET

Table 3-982 General information

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905009 5620 SAM ID: 2818 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905010 LRA RESET

Table 3-983 General information

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905010 5620 SAM ID: 2819 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905011 MODULE RESET

Table 3-984 General information

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905011 5620 SAM ID: 2820 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905012 MODULE RESET

Table 3-985 General information

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905012 5620 SAM ID: 2821 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905013 MODULE RESET

Table 3-986 General information

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905013 5620 SAM ID: 2822 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905014 MODULE RESET

Table 3-987 General information

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905014 5620 SAM ID: 2823 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905015 MODULE RESET

Table 3-988 General information

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905015 5620 SAM ID: 2824 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905016 MODULE RESET

Table 3-989 General information

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905016 5620 SAM ID: 2825 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905017 X2 CONFIGURATION DATA MISMATCH

Table 3-990 General information

Alarm	Attributes	Supported releases
Name: X2 CONFIGURATION DATA MISMATCH InfoKey number: IK4905017 5620 SAM ID: 2826 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA2.0 • TDD LA2.0 • TDD LT2.1
Description: This event indicates inconsistencies in the configuration data between the eNodeBs.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4905018 MAX_NUMBER_OF_CARDINALITY_REACHED

Table 3-991 General information

Alarm	Attributes	Supported releases
Name: MAX_NUMBER_OF_CARDINALITY_REACHED InfoKey number: IK4905018 5620 SAM ID: 2827 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • TDD LT3.0
Description: This event indicates that the maximum number of object cardinality is reached. The automatic creation of new objects is not possible anymore.		
Impact: No impact on eNodeB.		
Remedial action: Remove objects which are not needed from the predefined configuration data.		

IK4905020 DATABASE RECONFIGURATION RESET

Table 3-992 General information

Alarm	Attributes	Supported releases
Name: DATABASE RECONFIGURATION RESET InfoKey number: IK4905020 5620 SAM ID: 2828 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that a reset was performed due to a database reconfiguration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

IK4905021 MAX NUMBER OF DYNAMIC CARDINALITY REACHED

Table 3-993 General information

Alarm	Attributes	Supported releases
Name: MAX NUMBER OF DYNAMIC CARDINALITY REACHED InfoKey number: IK4905021 5620 SAM ID: 2829 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the number of X2Access objects being in an invisible state has reached the limit and the ANR function triggers the creation of a further dynamic X2Access/X2TransportLayerAccess. The new invisible X2Access/X2TransportLayerAccess is not created.		
Impact: No impact on eNodeB.		
Remedial action: Remove X2 objects which are not needed from the predefined configuration data.		

IK4905022 FALLBACK AFTER RECONFIGURATION

Table 3-994 General information

Alarm	Attributes	Supported releases
Name: FALLBACK AFTER RECONFIGURATION InfoKey number: IK4905022 5620 SAM ID: 2830 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LT3.0
Description: This event indicates that the eNodeB did an autonomous fallback to the previous configuration because the contact to the network management system could not be restored.		
Impact: No impact on eNodeB.		
Remedial action: Verify that the new configuration is correct and is consistent with the configuration of the other network elements.		

IK4905023 MAX NUMBER OF CARDINALITY REACHED

Table 3-995 General information

Alarm	Attributes	Supported releases
Name: MAX NUMBER OF CARDINALITY REACHED InfoKey number: IK4905023 5620 SAM ID: 3288 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the maximum number of object cardinality is reached. The automatic creation of new objects is not possible anymore.		
Impact: No impact on eNodeB.		
Remedial action: Remove objects which are not needed from the predefined configuration data.		

IK4905024 RESET ON OPERATOR REQUEST

Table 3-996 General information

Alarm	Attributes	Supported releases
Name: RESET ON OPERATOR REQUEST InfoKey number: IK4905024 5620 SAM ID: 3289 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4905025 RESET CONTROLLER OAM ON OPERATOR REQUEST

Table 3-997 General information

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER OAM ON OPERATOR REQUEST InfoKey number: IK4905025 5620 SAM ID: 3290 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4905026 CONTROLLER OAM RESET AFTER RESTORE

Table 3-998 General information

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM RESET AFTER RESTORE InfoKey number: IK4905026 5620 SAM ID: 3291 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the controller board is reset to restore the configuration data.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

IK4905027 CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE

Table 3-999 General information

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE InfoKey number: IK4905027 5620 SAM ID: 3292 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: corruptData Default probable cause ID: 910 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates an OAM auto-reset with an empty database as the database was not restored properly.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: Restore a valid eNodeB configuration.		

IK4905028 BBU POSITION CHANGE

Table 3-1000 General information

Alarm	Attributes	Supported releases
Name: BBU POSITION CHANGE InfoKey number: IK4905028 5620 SAM ID: 3293 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the BBU position coordinates have changed. The GPS antenna of the eNodeB has been moved or the bbuPositionDeltaX/Y/Z coordinates have been reconfigured.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4905029 BBU POSITION ERROR

Table 3-1001 General information

Alarm	Attributes	Supported releases
Name: BBU POSITION ERROR InfoKey number: IK4905029 5620 SAM ID: 3294 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the BBU position coordinates might not be correct.		
Impact: Configured coordinates of the BBU might not be correct.		
Remedial action: Check the bbuExternalPosition coordinates, bbuPositionDelta values and the bbuPositionErrorThreshold.		

IK4905030 MAIN ANTENNA POSITION CHANGE

Table 3-1002 General information

Alarm	Attributes	Supported releases
Name: MAIN ANTENNA POSITION CHANGE InfoKey number: IK4905030 5620 SAM ID: 3295 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the main RF antenna position coordinates have changed. The GPS antenna of the eNodeB has been moved or the mainAntennaPositionDeltaX/Y/Z values have been reconfigured.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4905031 MAIN ANTENNA POSITION ERROR

Table 3-1003 General information

Alarm	Attributes	Supported releases
Name: MAIN ANTENNA POSITION ERROR InfoKey number: IK4905031 5620 SAM ID: 3296 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates that the main RF antenna position coordinates might not be correct.		
Impact: Location fix of UEs might be inaccurate.		
Remedial action: Check the mainAntennaExternalPosition coordinates, mainAntennaPositionDelta values and the mainAntennaPositionErrorThreshold.		

IK4905032 OAM CELL EVENT 1

Table 3-1004 General information

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 1 InfoKey number: IK4905032 5620 SAM ID: 3297 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4905033 OAM CELL EVENT 2

Table 3-1005 General information

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 2 InfoKey number: IK4905033 5620 SAM ID: 3298 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4905034 OAM CELL EVENT 3

Table 3-1006 General information

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 3 InfoKey number: IK4905034 5620 SAM ID: 3299 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4905035 OAM CELL EVENT 4

Table 3-1007 General information

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 4 InfoKey number: IK4905035 5620 SAM ID: 3300 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4905036 OAM CELL EVENT 5

Table 3-1008 General information

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 5 InfoKey number: IK4905036 5620 SAM ID: 3301 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

IK4906001 THREE UNSUCCESSFUL LOGIN ATTEMPTS

Table 3-1009 General information

Alarm	Attributes	Supported releases
Name: THREE UNSUCCESSFUL LOGIN ATTEMPTS InfoKey number: IK4906001 5620 SAM ID: 2831 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the user failed to log into the eNodeB through SSH or CLI for three times in a span of 10 minutes.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4906002 SUCCESSFUL LOGIN

Table 3-1010 General information

Alarm	Attributes	Supported releases
Name: SUCCESSFUL LOGIN InfoKey number: IK4906002 5620 SAM ID: 2832 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unspecifiedReason Default probable cause ID: 802 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the user successfully logged into the eNodeB through SSH or CLI.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4906003 UNSUCCESSFUL LOGIN ATTEMPT

Table 3-1011 General information

Alarm	Attributes	Supported releases
Name: UNSUCCESSFUL LOGIN ATTEMPT InfoKey number: IK4906003 5620 SAM ID: 2833 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the user failed to log into the eNodeB through SSH or CLI.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4906004 SUCCESSFUL ROLE CHANGE

Table 3-1012 General information

Alarm	Attributes	Supported releases
Name: SUCCESSFUL ROLE CHANGE InfoKey number: IK4906004 5620 SAM ID: 2834 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unspecifiedReason Default probable cause ID: 802 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that the user successfully changed roles on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4906005 UNSUCCESSFUL ROLE CHANGE

Table 3-1013 General information

Alarm	Attributes	Supported releases
Name: UNSUCCESSFUL ROLE CHANGE InfoKey number: IK4906005 5620 SAM ID: 2835 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates the failure to change the user role on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4906006 ETHERNET CABLE CONNECTED

Table 3-1014 General information

Alarm	Attributes	Supported releases
Name: ETHERNET CABLE CONNECTED InfoKey number: IK4906006 5620 SAM ID: 2836 Type: physicalViolation Alarm type ID: 91	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: cableTamper Default probable cause ID: 788 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that an Ethernet cable is connected to a port on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4906007 ETHERNET CABLE DISCONNECTED

Table 3-1015 General information

Alarm	Attributes	Supported releases
Name: ETHERNET CABLE DISCONNECTED InfoKey number: IK4906007 5620 SAM ID: 2837 Type: physicalViolation Alarm type ID: 91	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: cableTamper Default probable cause ID: 788 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that an Ethernet cable is disconnected from a port on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4906008 SECURITY LOG ROLLED OVER

Table 3-1016 General information

Alarm	Attributes	Supported releases
Name: SECURITY LOG ROLLED OVER InfoKey number: IK4906008 5620 SAM ID: 2838 Type: integrityViolation Alarm type ID: 85	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: informationMissing Default probable cause ID: 792 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • FDD LA3.1 • FDD LA4.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates that a security log is rolled over.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4906009 ATTEMPT TO READ THE SSH AUTHORIZATION LOG FAILED

Table 3-1017 General information

Alarm	Attributes	Supported releases
Name: ATTEMPT TO READ THE SSH AUTHORIZATION LOG FAILED InfoKey number: IK4906009 5620 SAM ID: 2839 Type: integrityViolation Alarm type ID: 85	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: informationMissing Default probable cause ID: 792 Implicitly cleared (self-clearing): true	• FDD LA2.0 • FDD LA3.0 • TDD LA2.0 • TDD LT2.1 • TDD LT3.0
Description: This event indicates a failure to read the SSH authorization log. The eNodeB is unable to log login attempts.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

IK4906010 AUTHORIZATION LOG READ FAILURE

Table 3-1018 General information

Alarm	Attributes	Supported releases
Name: AUTHORIZATION LOG READ FAILURE InfoKey number: IK4906010 5620 SAM ID: 3302 Type: integrityViolation Alarm type ID: 85	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: informationMissing Default probable cause ID: 792 Implicitly cleared (self-clearing): true	• FDD LA4.0 • TDD LT3.0
Description: This event indicates a failure to read the SSH authorization log. The eNodeB is unable to log login attempts.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Customer documentation and product support

Customer documentation

http://www.alcatel-lucent.com/myaccess

Product manuals and documentation updates are available at alcatel-lucent.com. If you are a new user and require access to this service, please contact your Alcatel-Lucent sales representative.

Technical Support

http://support.alcatel-lucent.com

Documentation feedback

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