



# Alcatel-Lucent 5620

SERVICE AWARE MANAGER | RELEASE 8.0 R5  
LTE ALARM REFERENCE

3HE 06264 AAAA TQZZA Edition 01

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- 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.
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# Preface

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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
<b>5620 SAM core documentation</b>	
<i>5620 SAM   5650 CPAM Installation and Upgrade Guide</i>	<p>The <i>5620 SAM   5650 CPAM Installation and Upgrade Guide</i> provides OS considerations, configuration information, and procedures for the following:</p> <ul style="list-style-type: none"><li>• installing, upgrading, and uninstalling 5620 SAM and 5650 CPAM software in standalone and redundant deployments</li><li>• 5620 SAM system migration to a different system</li><li>• conversion from a standalone to a redundant 5620 SAM system</li></ul>

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Guide	Description
<i>5620 SAM User Guide</i>	<p>The <i>5620 SAM User Guide</i> provides information about using the 5620 SAM to manage the service-aware IP/MPLS network, including GUI basics, commissioning, service configuration, and policy management.</p> <p>The <i>5620 SAM User Guide</i> uses a task-based format. Each chapter contains:</p> <ul style="list-style-type: none"> <li>• a workflow that describes the steps for configuring and using the functionality</li> <li>• detailed procedures that list the configurable parameters on the associated forms</li> </ul> <p>5620 SAM management information specific to LTE network elements is covered in the <i>5620 SAM LTE ePC User Guide</i> and <i>5620 SAM LTE RAN User Guide</i>.</p>
<i>5620 SAM Parameter Guide</i>	<p>The <i>5620 SAM Parameter Guide</i> provides:</p> <ul style="list-style-type: none"> <li>• parameter descriptions that include value ranges and default values</li> <li>• parameter options and option descriptions</li> <li>• parameter and option dependencies</li> <li>• parameter mappings to the 5620 SAM-O XML equivalent property names</li> </ul> <p>There are dynamic links between the procedures in the <i>5620 SAM User Guide</i> and the parameter descriptions in the <i>5620 SAM Parameter Guide</i>. See Procedure 2 for more information.</p> <p>Parameters specific to LTE network elements are covered in the <i>5620 SAM LTE Parameter Reference</i>.</p>
<i>5620 SAM Statistics Management Guide</i>	<p>The <i>5620 SAM Statistics Management Guide</i> provides information about how to configure performance and accounting statistics collection and how to view counters using the 5620 SAM. Network examples are included.</p>
<i>5620 SAM Scripts and Templates Developer Guide</i>	<p>The <i>5620 SAM Scripts and Templates Developer Guide</i> provides information that allows you to develop, manage, and execute CLI-based or XML-based scripts or templates. The guide is intended for developers, skilled administrators, and operators who are expected to be familiar with the following:</p> <ul style="list-style-type: none"> <li>• CLI scripting, XML, and the Velocity engine</li> <li>• basic scripting or programming</li> <li>• 5620 SAM functions</li> </ul>
<i>5620 SAM Troubleshooting Guide</i>	<p>The <i>5620 SAM Troubleshooting Guide</i> provides task-based procedures and user documentation to:</p> <ul style="list-style-type: none"> <li>• help resolve issues in the managed and management networks</li> <li>• identify the root cause and plan corrective action for: <ul style="list-style-type: none"> <li>• alarm conditions on a network object or customer service</li> <li>• problems on customer services with no associated alarms</li> </ul> </li> <li>• list problem scenarios, possible solutions, and tools to help check: <ul style="list-style-type: none"> <li>• network management LANs</li> <li>• PC and Sun platforms, and operating systems</li> <li>• 5620 SAM client GUIs and client OSS applications</li> <li>• 5620 SAM servers</li> <li>• 5620 SAM databases</li> </ul> </li> </ul>
<i>5620 SAM Maintenance Guide</i>	<p>The <i>5620 SAM Maintenance Guide</i> provides procedures for:</p> <ul style="list-style-type: none"> <li>• generating baseline information for 5620 SAM applications</li> <li>• performing daily, weekly, monthly, and as-required maintenance activities for 5620 SAM-managed networks</li> </ul>
<i>5620 SAM Integration Guide</i>	<p>The <i>5620 SAM Integration Guide</i> provides procedures to allow the 5620 SAM to integrate with additional components.</p>
<i>5620 SAM System Architecture Guide</i>	<p>The <i>5620 SAM System Architecture Guide</i> is intended for technology officers and network planners to increase their knowledge of the 5620 SAM software structure and components. It describes the system structure, software components, and interfaces of the 5620 SAM. In addition, 5620 SAM fault tolerance, security, and network management capabilities are discussed from an architectural perspective.</p>

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Guide	Description
<i>5620 SAM Planning Guide</i>	The <i>5620 SAM Planning Guide</i> provides information about 5620 SAM scalability and recommended hardware configurations.
<i>5620 SAM NE Compatibility Guide</i>	The <i>5620 SAM NE Compatibility Guide</i> provides release-specific information about the compatibility of managed device features in 5620 SAM releases.
<i>5620 SAM Release Description</i>	The <i>5620 SAM Release Description</i> provides information about the new features associated with a 5620 SAM software release.
<i>5620 SAM Glossary</i>	The <i>5620 SAM Glossary</i> defines terms and acronyms used in all of the 5620 SAM documentation, including 5620 SAM LTE documentation.
<i>5620 SAM-O OSS Interface Developer Guide</i>	The <i>5620 SAM-O OSS Interface Developer Guide</i> provides information that allows you to: <ul style="list-style-type: none"> <li>• use the 5620 SAM-O OSS interface to access network management information</li> <li>• learn about the information model associated with the managed network</li> <li>• develop OSS applications using the packaged methods, classes, data types, and objects necessary to manage 5620 SAM functions</li> </ul>
<b>5620 SAM LTE documentation</b>	
<i>5620 SAM LTE ePC User Guide</i>	The <i>5620 SAM LTE ePC User Guide</i> describes how to discover, configure, and manage LTE ePC devices using the 5620 SAM. The guide is intended for LTE ePC network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM LTE User ePC Guide</i> before you attempt to use the 5620 SAM in your LTE network.
<i>5620 SAM LTE RAN User Guide</i>	The <i>5620 SAM LTE RAN User Guide</i> describes how to discover, configure, and manage the eNodeB using the 5620 SAM. The guide is intended for LTE RAN network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM LTE RAN User Guide</i> before you attempt to use the 5620 SAM in your LTE network.
<i>5620 SAM LTE Parameter Reference</i>	The <i>5620 SAM LTE Parameter Reference</i> provides a list of all LTE ePC and LTE RAN parameters supported in the 5620 SAM.
<i>5620 SAM-O 3GPP OSS Interface Developer Guide</i>	The <i>5620 SAM-O 3GPP OSS Interface Developer Guide</i> describes the components and architecture of the 3GPP OSS interface to the 5620 SAM. It includes procedures and samples to assist OSS application developers to use the 3GPP interface to manage LTE devices.
<i>5620 SAM LTE Alarm Reference</i>	The <i>5620 SAM LTE Alarm Reference</i> provides a list of LTE ePC and LTE RAN alarms that can be reported in the 5620 SAM GUI.

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## Procedure 1 To find the 5620 SAM user documentation

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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.

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

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

## Procedures with options or substeps

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

### Example of options in a procedure

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

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

### Example of substeps in a procedure

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

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

### Measurement conventions

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

Table 3 lists the measurement symbols used in this document.

**Table 3 Bits and bytes conventions**

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

### Important information

The following conventions are used to indicate important information:



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



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



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

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# ***5620 SAM LTE alarms overview***

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- 2 — 5620 SAM LTE alarms description tables



# **1 — *Managing 5620 SAM LTE alarms***

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## 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
<ul style="list-style-type: none"> <li>ePC and eNodeB LTE domain alarm descriptions</li> <li>ePC and eNodeB LTE service domain alarm descriptions</li> </ul>	Table 2-3 Table 2-5
<ul style="list-style-type: none"> <li>managing LTE ePC alarms</li> <li>SGW and PGW alarm management using the 5620 SAM</li> <li>9471 MME alarm management using the 5620 SAM</li> <li>5780 DSC alarm management using the 5620 SAM</li> </ul>	<i>5620 SAM LTE ePC User Guide</i>
Troubleshooting eNodeB alarms	<i>5620 SAM LTE RAN User Guide</i>
<ul style="list-style-type: none"> <li>alarm status, severity, and aggregation</li> <li>alarm thresholds</li> <li>alarm suppression</li> <li>correlated alarms</li> <li>automatic purging of alarms</li> <li>fault management using alarms</li> </ul>	<i>5620 SAM User Guide</i>
<ul style="list-style-type: none"> <li>troubleshooting using network alarms</li> <li>5620 SAM non-LTE alarm description tables</li> </ul>	<i>5620 SAM Troubleshooting Guide</i>
Troubleshooting 9471 MME alarms	<i>9471 MME Alarms Dictionary</i>



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## 2.1 5620 SAM LTE alarm description tables

This section describes the alarms in the LTE and LTE service domains that the 5620 SAM can raise.

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. A Type or Probable cause value includes a numeric identifier.

**Table 2-1 5620 SAM LT alarm description tables**

Domain	See
activation	Table 2-2
lte	Table 2-3
ltemme	Table 2-4
lteservice	Table 2-5

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 5620 SAM activation domain alarms.

**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 5620 SAM LTE domain alarms.



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: AlarmInForceFailure (1205) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	A failure occurred during alarm in force request of the module.
Name: AllCpriPortsFailed (1206) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	All CPRI Ports have Major Faults.
Name: AllSfpMissing (1207) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	All SFP are missing.
Name: AmrCommFail (1208) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the loss of communication with RF cabinet Alarm Module.
Name: AMRConfigurationTimeout (1200) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates the time-out for a response from the module.
Name: AmrDoorAlarm (1209) Type: environmentalAlarm (2) Probable cause: enclosureDoorOpen (900)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet door is open.
Name: AmrExternalContactChange1 (1210) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet external contact for the user alarm closure is changed.
Name: AmrExternalContactChange2 (1211) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet external contact for the user alarm closure is changed.

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Alarm	Attributes	Description
Name: AmrExternalContactChange3 (1212) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet external contact for the user alarm closure is changed.
Name: AmrExternalContactChange4 (1213) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet external contact for the user alarm closure is changed.
Name: AmrExternalContactChange5 (1214) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet external contact for the user alarm closure is changed.
Name: AmrExternalContactChange6 (1215) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet external contact for the user alarm closure is changed.
Name: AmrExternalContactChange7 (1216) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet external contact for the user alarm closure is changed.
Name: AmrExternalContactChange8 (1217) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet external contact for the user alarm closure is changed.
Name: AmrFaf (1218) Type: equipmentAlarm (3) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet filter airflow is reduced.
Name: AmrFanAlarm (1219) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet fan is out of service.
Name: AmrFaultInit (1220) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure to initialize the associated resources.
Name: AMRModuleExtraction (1201) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the system detected extraction of the module.
Name: AMRModuleInsertion (1202) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates a module insertion.

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Alarm	Attributes	Description
Name: AMRModuleScenarioError (1203) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the scenario failure due to no-response from the module.
Name: AMRNoContactToBoard (1204) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a failure in communication with the board.
Name: AmrOverTemp (1221) Type: environmentalAlarm (2) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the RF cabinet temperature is above the safe operating temperature.
Name: AmrUnreadableManufacturerData (1222) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): AMR Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure to read the manufacturer data.
Name: AnnounceLossFromPrimaryServerCritical (1223) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a lack of ANNOUNCE message from the primary server.
Name: AnnounceLossFromPrimaryServerMajor (1224) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a lack of ANNOUNCE message from the primary server.
Name: AnnounceLossFromSecondaryServerCritical (1225) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a lack of ANNOUNCE message from the secondary server.
Name: AnnounceLossFromSecondaryServerMajor (1226) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a lack of ANNOUNCE message from the secondary server.
Name: AnrServedCellInfoNotHandled (1227) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	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.

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Alarm	Attributes	Description
Name: AnrX2ipAddrRetrievalFailure (1228) Type: processingErrorAlarm (81) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	X2 IP address retrieval failure. When this alarm is raised, X2TarnsportLayerAccess is {Disabled, Failed}.
Name: AttemptToReadTheSshAuthorizationLogFailed (1229) Type: integrityViolation (85) Probable cause: informationMissing (792)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Unable to log login attempts.
Name: AutoRejectToPreviousSwVersionAfterActivate (1230) Type: equipmentAlarm (3) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	A reset was performed due to necessary activation of the previous software version caused by a corruptfile.
Name: AutotestFailure (1231) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the auto test of the self test of the module reported an error.
Name: BackplaneTypeNotSupported (1236) Type: equipmentAlarm (3) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the backplane type is not supported.
Name: BackToOriginSw (1235) Type: equipmentAlarm (3) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	After three consecutive auto-resets, a fallback reset to the original software was performed.
Name: BbBusError (1237) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Combiner to ASIC bus error has occurred.
Name: BbCchFailure (1238) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The common channels of a local cell have unexpectedlt failed.
Name: BbCectlReboot (1242) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CE CTL is been re-booted.
Name: BbCectlSwError (1243) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	A soffware entity on the CECTl has generated a software error.
Name: BbCectlVoltageFailure (1244) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Internal voltage of the Cectl has failed.

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Alarm	Attributes	Description
Name: BbCectlWrongBootSw (1245) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The CECTl has booted with the wrong boot software.
Name: BbCeCtrlFailure (1239) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The CE Controller has failed to synchronize.
Name: BbCeDegraded (1240) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Some of channel elements have failed.
Name: BbCeFailure (1241) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	All Channel Elements have failed.
Name: BbConfigMismatch (1246) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The BB hardware rejects configuration after the configuring message procedure has been acknowledged.
Name: BbEepromAccessFailure (1247) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to access Module Information Memory (MIM) during initialization sequence and thus cannot guarantee the modem is booted up on the right SW generic.
Name: BbFaultInit (1248) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the BB initialization failure.
Name: BbFfsCorrupt (1249) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to open the tuneable Flash File System.
Name: BbFileSystemAccessFailure (1250) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to access file system.
Name: BbFpgaFailure (1251) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The combiner FPGA has generated an hardware error.
Name: BbLossOfCommunication (1252) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the loss of layer 3 communication to the modem.

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Alarm	Attributes	Description
Name: BbLossOfEvenSecTick (1253) Type: equipmentAlarm (3) Probable cause: timingProblem (903)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Modem board fails to receive even-second ticks from the timing unit.
Name: BbLossOfHeartbeat (1254) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Heartbeat synchronization between the CECtl and the MCCtl has been lost.
Name: BbMcctlSwError (1255) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	A software entity on the MCCtl has generated a software error.
Name: BbModuleDownloadFailure (1256) Type: equipmentAlarm (3) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The transfer of the new SW package from the local storage to the board failed.
Name: BBModuleInsertion (1232) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Module insertion detected.
Name: BBNoContactToBoard (1233) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The communication with the board is not possible.
Name: BbNotSynchronizedCritical (1257) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to synchronize LTE time.
Name: BbNotSynchronizedMajor (1258) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to synchronize LTE time.
Name: BBSwDownloadActivationFailure (1234) Type: processingErrorAlarm (81) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The software for a new module could not be downloaded or activated.
Name: BbULParityError (1259) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The CECtl is experiencing excessive uplink parity errors.
Name: BistFail (1260) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a BIST failure.

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Alarm	Attributes	Description
Name: BrcCcWarning (1261) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the BRC-CC reported a warning.
Name: BrcUcFailed (1262) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the UeCallIP detected a no-response from BRC-UC.
Name: BrcUcWarning (1263) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the BRC-UC reported a warning.
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: CacFailureBegin (1276) Type: qualityOfServiceAlarm (82) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that CallP reported a CAC failure.
Name: CacFailureDetection (1277) Type: qualityOfServiceAlarm (82) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Radio bearer addition or new Ues have been rejected due to lack of capacity. Triggers clearing the alarm: the end of fault is raised when there is no more rejection due to the CAC failure over a period of time (ex: 30s). During the confirmation time, each cause CAC failure restarts the timer of window confirmation.
Name: CacFailureEnd (1278) Type: qualityOfServiceAlarm (82) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that CallP reported the expiration of the monitoring time interval timer.
Name: CallPManagerWarning (1281) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	CallP Manager reports a warning.
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 be manually deactivated. The alarm is cleared when the Call Trace session is deactivated successfully.

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Alarm	Attributes	Description
Name: CallTraceScheduledTaskExecutionError (1280) Type: callTraceSessionAlarm (90) Probable causes: <ul style="list-style-type: none"> <li>callTraceConfigurationError (907)</li> <li>eventBasedTraceEnabled (908)</li> <li>debugTraceActive (909)</li> </ul>	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: CBAutotestFailure (1265) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The autotest/self test of the module reported an error.
Name: CBConfigurationTimeout (1266) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The module did not respond within the expected time.
Name: CBCorruptFile (1267) Type: processingErrorAlarm (81) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Checksum error found.
Name: CbCriticalCpuLevelReached (1282) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Critical CPU occupancy at Carrier Board level.
Name: CbDownloadFailure (1283) Type: equipmentAlarm (3) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The FTP transfer of the SW package from the codeserver to the local RAM disk failed.
Name: CbFaultInit (1284) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Fail to properly initialize represented resources.
Name: CbFileSystemAccessFailure (1285) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to access files in active/passive partition.
Name: CBLraReset (1268) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Reset because of local recovery action.
Name: CbMajorCpuLevelReached (1286) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Major CPU occupancy at Carrier Board level.

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Alarm	Attributes	Description
Name: CbMinorCpuLevelReached (1287) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): CbCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Minor CPU occupancy at Carrier Board level.
Name: CbModuleDownloadFailure (1288) Type: equipmentAlarm (3) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): CbCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The transfer of the new SW package from the local storage to the board failed.
Name: CBModuleReset (1269) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): CbCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Reset by operator command.
Name: CBModuleScenarioError (1270) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CbCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The scenario failed due to no response from the module.
Name: CBOverTempCritical (1271) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CbCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the CB temperature is above the operating range.
Name: CBOverTempMajor (1272) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CbCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the CB temperature is rising near the shutdown limit.
Name: CBUpdateRiFailure (1273) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CbCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The RI information for the module could not be updated.
Name: CeCellSetupRefused (1289) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates Cell Setup is rejected by the BB CE entity.
Name: CeCellSetupTimeout (1290) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response from BB CE entity detected in the Cell Setup procedure .
Name: CeCriticalError (1291) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CE critical error.
Name: CeGlobalSetupRefused (1292) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the BB CE rejected the global setup.

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Alarm	Attributes	Description
Name: CeGlobalSetupTimeout (1293) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a no-response from BB CE in the global setup procedure.
Name: CellBlock (1295) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Resources to handle calls within RFM are being shutdown, so current calls should be terminated, no newcall started, and then the cell deactivated.
Name: CellCallpWarning (1296) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Cell CallP reports a warning.
Name: CellCleanUpFailure (1297) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a cell deletion failure when cell clean-up is triggered by LteCell instance deletiononline, parameter update or when software failure happens
Name: CellConfigurationFailure (1298) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The cell configuration did not succeed.
Name: CellIncorrectParameterSetting (1299) Type: qualityOfServiceAlarm (82) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	Parameter set by the operator does not match with hardware or software capabilities. Triggers clearingthe alarm: when the requested value matches or is lower than the hardware and software capability.
Name: CellKill (1300) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Resources to handle calls within RFM are down, and so all cells on the RFM must be deactivated.
Name: CELLL1L2ConfigRefusedGlobalSetup (1274) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the BB L1/L2 entity rejected the global setup.
Name: CELLL1L2ConfigTimeoutGlobalSetup (1275) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a no-response from BB L1/L2 entity detected during the Global Setup procedure.
Name: CellSetupArpTimeout (1301) Type: qualityOfServiceAlarm (82) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response to an ARP resolution request detected during the Cell Setup procedure.
Name: CellSetupUbmFailed (1302) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response of UBM detected in the Cell Setup procedure.

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Alarm	Attributes	Description
Name: CeWarning (1294) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CE warning.
Name: Client1588Initializing1 (1303) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm is active while the 1588 client algorithm stabilizes from a cold start-up. Not supported in LA2.0.
Name: Client1588Initializing2 (1304) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm is active while the 1588 client algorithm stabilizes from a cold start-up. Not supported in LA2.0.
Name: ConfigurationTimeout (1305) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The module did not respond within the expected time.
Name: ControllerOamAutoReset (1306) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The OAM application of the controller board performed an auto-reset due to an internal problem.
Name: ControllerOamResetAfterRestore (1307) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The OAM controller board performed a reset to apply the restored configuration data.
Name: ControllerOamResetAfterRestoreWithEmptyDatabase (1308) Type: equipmentAlarm (3) Probable cause: corruptData (910)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The database restoration could not be applied and OAM performed an auto-reset to start up with an empty database.
Name: CorruptFile (1309) Type: processingErrorAlarm (81) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Checksum error found.
Name: CpriPort1RemoteAlarmIndication (1310) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CPRI port remote alarm indication.
Name: CpriPort2RemoteAlarmIndication (1311) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CPRI port remote alarm indication.

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Alarm	Attributes	Description
Name: CpriPort3RemoteAlarmIndication (1312) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CPRI port remote alarm indication.
Name: CpriPort4RemoteAlarmIndication (1313) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CPRI port remote alarm indication.
Name: CpriPort5RemoteAlarmIndication (1314) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CPRI port remote alarm indication.
Name: CpriPort6RemoteAlarmIndication (1315) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CPRI port remote alarm indication.
Name: CtActivationFailure (1316) Type: processingErrorAlarm (81) Probable cause: applicationSubsystemFailure (689)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Activation of a new trace recording session failed
Name: CtCollectionFailure (1317) Type: processingErrorAlarm (81) Probable cause: applicationSubsystemFailure (689)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Failure to collect traced data.
Name: CtInvalidParam (1318) Type: processingErrorAlarm (81) Probable cause: applicationSubsystemFailure (689)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Invalid parameter received for call trace.
Name: CtSignTraceStoppedByMgtTrace (1319) Type: processingErrorAlarm (81) Probable cause: applicationSubsystemFailure (689)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Signalling based trace session stopped when eNodeB received a management based trace session activation.
Name: CurrentSwDoesNotSupportTheNewHwModule (1320) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The current software release does not support the hardware module.
Name: DatabaseReconfigurationReset (1330) Type: communicationsAlarm (4) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that a reset was performed due to a database reconfiguration.

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Alarm	Attributes	Description
Name: DbuAcBatteryOnDischarge (1331) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	eNodeB is operating from battery power.
Name: DbuAcInputOutOfSpec (1332) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	AC input voltage to the rectifiers is too high or too low.
Name: DbuAcPowerFaultMajor (1333) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Multiple rectifier components have failed
Name: DbuAcPowerFaultMinor (1334) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Minor failure in the DC rectifier unit.
Name: DBUAlarmInForceFailure (1321) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	A failure occurred during alarm in force request of the module.
Name: DBUAutotestFailure (1322) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The autotest/self test of the module reported an error.
Name: DbuAuxEquip (1335) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Auxiliary telecom equipment housed within the eNodeB cabinet is in alarm
Name: DBUConfigurationTimeout (1323) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The module did not respond within the expected time.
Name: DbuDoorAlarm (1336) Type: environmentalAlarm (2) Probable cause: enclosureDoorOpen (900)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The eNodeB door is open.

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Alarm	Attributes	Description
Name: DbuFaf (1337) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The baseband cabinet filter airflow is reduced by excessive dirt.
Name: DbuFanAlarm (1338) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The baseband cabinet fan has failed.
Name: DbuFaultInit (1339) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Fail to properly initialize represented resource.
Name: DBULraReset (1324) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Reset because of local recovery action.
Name: DBUMemoryAccessFailure (1325) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure to access the EEPROM on the eNodeB.
Name: DBUModuleReset (1326) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Reset by operator command.
Name: DBUModuleScenarioError (1327) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The scenario failed due to no response from the module.
Name: DbuOverTemp (1340) Type: environmentalAlarm (2) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The baseband cabinet temperature is above safe operating temperature.
Name: DbuRucFanFailure (1341) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	One or more fans in the RUC has failed.

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Alarm	Attributes	Description
Name: DbUUnderTemp (1342) Type: environmentalAlarm (2) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The baseband cabinet temperature is below safe operating temperature.
Name: DBUUnreadableManufacturerData (1328) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure to read the manufacturer data.
Name: DBUUpdateRiFailure (1329) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The RI information for the module could not be updated.
Name: DegradedReceivedSignalCpriPort1 (1343) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detecttion of degraded (low) received optical signal on a particular optical transceiver, though communicationis still possible.
Name: DegradedReceivedSignalCpriPort2 (1344) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detecttion of degraded (low) received optical signal on a particular optical transceiver, though communicationis still possible.
Name: DegradedReceivedSignalCpriPort3 (1345) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detecttion of degraded (low) received optical signal on a particular optical transceiver, though communicationis still possible.
Name: DegradedReceivedSignalCpriPort4 (1346) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detecttion of degraded (low) received optical signal on a particular optical transceiver, though communicationis still possible.
Name: DegradedReceivedSignalCpriPort5 (1347) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detecttion of degraded (low) received optical signal on a particular optical transceiver, though communicationis still possible.
Name: DegradedReceivedSignalCpriPort6 (1348) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detecttion of degraded (low) received optical signal on a particular optical transceiver, though communicationis still possible.
Name: DelayCompensationFailure (1349) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the eNodeB is unable to compute a valid downlink/uplink frame offset valuefor the modem.

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Alarm	Attributes	Description
Name: DelayCompensationHwCapabilityFailure (1350) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the eNodeB is unable to compute a valid downlink/uplink frame offset value for the modem because of hardware constraints.
Name: DelayCompensationWarning (1351) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the eNodeB delay compensation is not accurate enough.
Name: DelayTimingOutOfRange (1352) Type: processingErrorAlarm (81) Probable cause: corruptData (910)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the delay timing values is out of range.
Name: DhcpClientLeaseFailure (1353) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The DHCP client failed to obtain a lease from the DHCP server.
Name: DhcpClientStartFailure (1354) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The DHCP client of the eNodeB network interface could not be started.
Name: DhcpClientStopFailure (1355) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	DHCP Client stop failure.
Name: DhcpLeaseLost (1356) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The DHCP client lost its lease.
Name: DownloadFailure (1357) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a software download failure.
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.
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.

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Alarm	Attributes	Description
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: DsimCellAutoBarred (1358) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	If Dynamic Sysinfo Modification feature activated and MIM parameter LteCell.cellBarred set to 'notBarredAutoBarred', the cell is auto-barred due to S1 service loss. Please note 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}.
Name: EnbCandidateX2EnbConfigurationUpdateFailure (1364) Type: communicationsAlarm (4) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates a persistent X2_ENB_CONFIGURATION_UPDATE_FAILURE message from eNB_Candidate eNodeB2 network element detected by CallpMgr.
Name: EnbCandidateX2EnbConfigurationUpdateNoResponse (1365) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates a persistent NO_RESPONSE from eNodeB_CANDIDATE eNodeB2 network element detected by CallpMgr.

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Alarm	Attributes	Description
Name: EnbCandidateX2SetupFailure (1366) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a persistent X2_SETUP_FAILURE from eNodeB_CANDIDATE eNodeB2 network element detected by CallpMgr.
Name: EnbCandidateX2SetupNoResponse (1367) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a persistent NO_RESPONSE from eNodeB_CANDIDATE eNodeB2 network element detected by CallpMgr.
Name: ENBEquipmentAdminDown (1359) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Warning 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: Critical 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: Minor Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an ENB Equipment is not fully available.
Name: ENBIpAddressConfigurationDataMismatch (1362) Type: processingErrorAlarm (81) Probable cause: corruptData (910)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the eNodeB performed an autonomous fallback to the previous transport configuration due to lack of OAM connectivity.
Name: ENBModuleReset (1363) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Reset by operator command.
Name: EnbX2apMessageMismatch (1372) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	Upon reception of an X2AP message including 'served cell info', CallP makes a cross-check between MiMneighboring cells relating to a remote eNB with list of served cells received from this eNB. In case of mismatch a fault shall be raised. This fault can be triggered upon reception of X2AP X2 SETUP REQUEST, X2AP X2 SETUP RESPONSE or X2AP ENB CONFIGURATION UPDATE. Note that this event is not used when ANR is activated because the cross-check is not performed.
Name: EnbX2CommonMessageBadRouting (1368) Type: qualityOfServiceAlarm (82) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates a X2-AP non-UE associated message is routed to UeCallP.

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Alarm	Attributes	Description
Name: EnbX2DedicatedMessageBadRouting (1369) Type: qualityOfServiceAlarm (82) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates a X2-AP UE associated message is routed to CallPMgr.
Name: EnbX2PlmnInconsistency (1370) Type: communicationsAlarm (4) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	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.
Name: EnbX2SetupReqRespFailUnknownX2AccessId (1371) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The eNodeB is implementing a check for future IOT: each common message like X2SAP X2 SETUP REQUEST/RESPONSE/FAILURE must be received on a known X2 Access Id. If an unsolicited X2SAP X2 SETUP REQUEST message is received on a unknown X2 Access Id, then the eNodeB answers with a X2SAP SETUP FAILURE and raises this alarm. If an unsolicited X2SAP X2 SETUP RESPONSE/FAILURE message is received on an unknown X2 ACCESS Id then the eNodeB ignores it and raises this alarm.
Name: EndOfAnrActivePhase (1373) Type: processingErrorAlarm (81) Probable cause: endOfAnrActivePhase (912)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	End of active phase.
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: EthernetCableConnected (1374) Type: physicalViolation (91) Probable cause: cableTamper (788)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	An Ethernet cable has been connected to a port on the eNodeB.

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Alarm	Attributes	Description
Name: EthernetCableDisconnected (1375) Type: physicalViolation (91) Probable cause: cableTamper (788)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	An Ethernet cable has been disconnected from a port on the eNodeB.
Name: EthernetTransportFailure (1376) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Interface error counters exceed the configured threshold.
Name: ExternalContactChange1 (1377) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange10 (1378) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange11 (1379) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange12 (1380) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange13 (1381) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange14 (1382) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange15 (1383) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange16 (1384) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.

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Alarm	Attributes	Description
Name: ExternalContactChange17 (1385) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange18 (1386) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange19 (1387) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange2 (1388) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange20 (1389) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange21 (1390) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange22 (1391) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange23 (1392) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange24 (1393) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.

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Alarm	Attributes	Description
Name: ExternalContactChange25 (1394) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange26 (1395) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange27 (1396) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange28 (1397) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange29 (1398) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange3 (1399) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange30 (1400) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange31 (1401) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange32 (1402) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.

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Alarm	Attributes	Description
Name: ExternalContactChange4 (1403) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange5 (1404) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange6 (1405) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange7 (1406) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange8 (1407) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalContactChange9 (1408) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	External user, extended user or frame alarm closure contact change.
Name: ExternalUnitCommFailure (1409) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Lost communication with external filter module.
Name: FactoryMode (1410) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the eNodeB is not completely configured.
Name: FallbackAfterReconfiguration (1411) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	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.
Name: FatalSoftwareAnomalyCe (1412) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	CE fatal software anomaly.

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Alarm	Attributes	Description
Name: FlywheelStarted (1413) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Flywheel (free-running) started.
Name: FlywheelTimeLimitReached (1414) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Flywheel (free-running) time limit reached.
Name: FlywheelTimeReachedMajorThreshold (1415) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Flywheel (free-running) time reached major threshold.
Name: FlywheelTimeReachedMinorThreshold (1416) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Flywheel (free-running) time reached minor threshold.
Name: GeoLocPhaseSync (1417) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Phase alignment is out of specification to support location-based services. Not supported in LA2.0 because feature churned out.
Name: GeranSysInfoTransferInitiationReportFailure (1418) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): BscAccess Domain: lte Implicitly cleared (self-clearing): Yes	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.
Name: GeranSysInfoTransferStopFailure (1419) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): BscAccess Domain: lte Implicitly cleared (self-clearing): Yes	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.
Name: GeranSysInfoUpdateEnd (1420) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): BscAccess Domain: lte Implicitly cleared (self-clearing): Yes	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.
Name: Gps1ppsLoss (1421) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Loss of even seconds ticks.
Name: GpsamFpgaDownloadFailure (1428) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to download GPSAM FPGA.

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Alarm	Attributes	Description
Name: GpsAnt (1422) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	GPS antenna failure. Set only if GPS sync source is enabled.
Name: GpsAntPositionUnknown (1423) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	GPS antenna position unknown. Set only if Geo-based location service required. Not supported in LA2.0.
Name: GpsLockFailureCritical (1424) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects that GPS is lost prior to achieving the synchronization and the this is the only disciplinesource.
Name: GpsLockFailureMajor (1425) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects that GPS is lost after timing has been synchronized.
Name: GpsReceiver (1426) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	BIST failure.
Name: GpsReceiverCommFail (1427) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	GPS receiver communication failure.
Name: Holdover (1429) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects that the system timing is in holdover.
Name: HsDataLinkSyncFault (1430) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a failure to synchronize SFN to modem.
Name: HwSwCapabilityCheckCellFailure (1431) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the configured bandwidth and/or downlink power of the cell is not in line with the HW capabilities.
Name: HwSwCapabilityCheckDowngrade (1432) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	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.

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Alarm	Attributes	Description
Name: HwSwCapabilityCheckRadiocacFailure (1433) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the configuration parameters, number of users per cell and/or number of databearers per cell, exceed the HW or SW capabilities of the modem.
Name: InconsistentDataFromDhcpServer (1434) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The DHCP server offers a new IP address but the eNodeB does not support IP address modification.
Name: InconsistentIpAddress (1435) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the IP address attached to X2TransportLayerAccess instance depending on theX2Access instance is not correct.
Name: IncorrectFrequencyBand (1436) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The module is not compatible with the frequency band provided by the configuration data.
Name: InterfaceMismatch (1437) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	The RFM interface version is not compatible with the version running in the RO.
Name: InvalidConfigurationData (1438) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The configuration data of the eNodeB is inconsistent.
Name: InvalidTransportConfigurationData (1439) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The transport configuration data of the eNodeB is inconsistent.
Name: IpAddressConfigurationDataMismatch (1440) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): MmeTransportLayerAccess Domain: lte Implicitly cleared (self-clearing): Yes	The IP address type, IPv4 or IPv6, does not match the actual IP addresses specified in the configurationdata.
Name: IpLoopbackActive (1441) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	IP loopback is activated.
Name: IpLoopbackGuardTimerTermination (1442) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	IP loopback was automatically stopped due to the expiration of the guard timer.

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Alarm	Attributes	Description
Name: IpLoopbackInactivityPeriodTermination (1443) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	IP loopback was automatically stopped due to a certain period of inactivity.
Name: IpLoopbackManualTermination (1444) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	IP loopback was manually stopped.
Name: IpsecTunnelFailure (1445) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	The IPSec tunnel failed.
Name: L1HardwareFail (1446) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Layer 1 hardware failure.
Name: L1L2ConfigErrorCeCellSetup (1449) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a configuration error detected in the Cell Setup procedure by the BB CE entity.
Name: L1L2ConfigErrorCeGlobalSetup (1450) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a configuration error detected in the Global Setup procedure by the BB CE entity.
Name: L1L2ConfigErrorCellSetup (1451) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a configuration error detected in the Cell Setup procedure by the BB L1/L2 entity.
Name: L1L2ConfigErrorCellUpdate (1452) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a configuration error detected by BB entity for the cell update procedure.
Name: L1L2ConfigErrorGlobalSetup (1453) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a configuration error detected in the Global Setup procedure by the BB L1/L2 entity.
Name: L1L2ConfigErrorPq3CellSetup (1454) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a configuration error detected in the Cell Setup procedure by the BB PQ3 UPA entity.

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Alarm	Attributes	Description
Name: L1l2ConfigErrorPq3GlobalSetup (1455) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a configuration error detected in the Global Setup procedure by the BB PQ3 UPA entity.
Name: L1l2ConfigErrorSysInfo (1456) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates configuration error detected in system information broadcast by the BB L1/L2 entity
Name: L1l2ConfigMeasFailure (1457) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that Measurement Configuration failed at L1/L2 entity level.
Name: L1l2ConfigRefusedCellDelete (1458) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the cell deletion for logical cell resetting procedure is rejected by the BB entity.
Name: L1l2ConfigRefusedCellSetup (1459) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates Cell Setup is rejected by the BB L1/L2 entity.
Name: L1l2ConfigRefusedCellUpdate (1460) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a cell update is refused by the BB entity.
Name: L1l2ConfigRefusedGlobalSetup (1461) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates Global Setup is rejected by the BB L1/L2 entity.
Name: L1l2ConfigRefusedSysInfo (1462) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates sysinfo broadcast is rejected by the BB L1/L2 entity.
Name: L1l2ConfigTimeoutCellDelete (1463) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response from BB entity for cell deletion in the logical cell resetting procedure.
Name: L1l2ConfigTimeoutCellSetup (1464) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response from BB L1/L2 entity detected in the Cell Setup procedure .
Name: L1l2ConfigTimeoutCellUpdate (1465) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response by the BB entity to the cell update procedure.

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Alarm	Attributes	Description
Name: L1L2ConfigTimeoutGlobalSetup (1466) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response from BB L1/L2 entity detected in the Global Setup procedure .
Name: L1L2ConfigTimeoutSysInfo (1467) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response from BB L1/L2 entity detected in the sysinfo broadcast procedure.
Name: L1SoftwareFail (1447) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Layer 1 software failure.
Name: L1SoftwareWarning (1448) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Layer 1 software warning.
Name: L2HardwareFail (1468) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Layer 2 hardware failure.
Name: L2SoftwareFail (1469) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Layer 2 software failure.
Name: L2SoftwareWarning (1470) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Layer 2 software warning.
Name: LedFailure (1474) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to control face-plate LEDs.
Name: LoopbackInactivity (1475) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates there is no packet activity for the interval specified in the loopback activation.
Name: LosLofHsiqAllLinks (1476) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal on all links.
Name: LosLofHsiqLink1 (1477) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.

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Alarm	Attributes	Description
Name: LosLofHsiqLink2 (1478) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.
Name: LosLofHsiqLink3 (1479) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.
Name: LosLofHsiqLink4 (1480) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.
Name: LosLofHsiqport1 (1481) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport10 (1482) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport11 (1483) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport12 (1484) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport2 (1485) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport3 (1486) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport4 (1487) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport5 (1488) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.

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Alarm	Attributes	Description
Name: LosLofHsiqport6 (1489) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport7 (1490) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport8 (1491) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosLofHsiqport9 (1492) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of LOS or LOF. Cleared if Layer 3 heartbeat is lost.
Name: LosOrLofCpriPort1 (1493) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the loss of signal or loss of frame at the remote end.
Name: LosOrLofCpriPort2 (1494) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the loss of signal or loss of frame at the remote end.
Name: LosOrLofCpriPort3 (1495) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the loss of signal or loss of frame at the remote end.
Name: LosOrLofCpriPort4 (1496) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the loss of signal or loss of frame at the remote end.
Name: LosOrLofCpriPort5 (1497) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the loss of signal or loss of frame at the remote end.
Name: LosOrLofCpriPort6 (1498) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the loss of signal or loss of frame at the remote end.
Name: LossOfClockFromOscillator (1499) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Carrier Board resource initialization failure.

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Alarm	Attributes	Description
Name: LossOfEsync (1500) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Ethernet clock is insufficient to maintain air interface.
Name: LossOfHsDataLinkAll (1501) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Loss of high-speed data links to modem.
Name: LossOfPrimaryReference (1502) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates primary reference source is not available.
Name: LossOrLossOfSignalCpriPort1 (1503) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.
Name: LossOrLossOfSignalCpriPort2 (1504) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.
Name: LossOrLossOfSignalCpriPort3 (1505) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.
Name: LossOrLossOfSignalCpriPort4 (1506) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.
Name: LossOrLossOfSignalCpriPort5 (1507) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.
Name: LossOrLossOfSignalCpriPort6 (1508) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Remote end indicates loss or loss of signal.
Name: LossPrimaryServer1588 (1509) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates the lack of SYNC messages from the Primary server. Not supported in LA2.0.
Name: LossSecondaryServer1588 (1510) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates the lack of SYNC messages from the Secondary server. Not supported in LA2.0.

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Alarm	Attributes	Description
Name: LraReset (1511) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Reset because of local recovery action.
Name: LTECellAdminDown (1471) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Critical 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: Critical 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: Minor Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an LTE Cell is not fully available.
Name: MaxNumberOfCardinalityReached (1512) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the maximum number of X2 access objects is reached. The automatic creation of new objects is not possible anymore.
Name: MaxNumberOfDynamicCardinalityReached (1513) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	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.
Name: MemoryAccessFailure (1514) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to access eNodeB EEPROM.
Name: MemoryUsageCritical (1515) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Memory usage has crossed critical threshold.
Name: MemoryUsageMajor (1516) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Memory usage has crossed major threshold.
Name: MemoryUsageMinor (1517) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Memory usage has crossed minor threshold.

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Alarm	Attributes	Description
Name: Mhz15Point36ClockInputFailure (1518) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of loss of 15.36 MHz clock input.
Name: MissedPMCollection (1519) Type: communicationsAlarm (4) Probable cause: noPMAvailableForTheTimestamp (913)	Severity: Warning Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): No	The alarm is raised when a 5620 SAM main server cannot collect performance management counters during a statistics poll.
Name: MissingCallpAction (1520) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	CallP did not update the OAM database within time.
Name: MissingCallpRequest (1521) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	No request from any CallP instance to get the MIM status was detected in time. Probably no CallP instance is running at all.
Name: MissingCallpSubscription (1522) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The CallP instance did not send the subscribe message in time. Probably there is a problem in the initialisation of the CallP instance.
Name: MmeAccessAdminDown (1523) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Critical 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: Critical 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: Minor Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an Mme Access is not fully available.
Name: MmeS1apCommonMessageBadRouting (1531) Type: qualityOfServiceAlarm (82) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	Indicates a non-UE associated message is routed to UeCallP.
Name: MmeS1apDedicatedMessageBadRouting (1532) Type: qualityOfServiceAlarm (82) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	Indicates a UE associated message is routed and discarded by CallPMgr.

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Alarm	Attributes	Description
Name: MmeS1EnbConfigurationUpdateFailureResponse (1526) Type: qualityOfServiceAlarm (82) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates a persistent S1_ENB_CONFIGURATION_UPDATE_FAILURE_RESPONSE from MME network element detected by CallpMgr.
Name: MmeS1EnbConfigurationUpdateNoResponse (1527) Type: qualityOfServiceAlarm (82) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates a persistent NO_RESPONSE from MME network element detected by CallpMgr.
Name: MmeS1SetupFailureResponse (1528) Type: qualityOfServiceAlarm (82) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a persistent S1_SETUP_FAILURE_RESPONSE from MME network element detected by CallpMgr.
Name: MmeS1SetupNoResponse (1529) Type: qualityOfServiceAlarm (82) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a persistent NO_RESPONSE from MME network element detected by CallpMgr.
Name: MmeS1SetupRequestNotSent (1530) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the S1 Setup Request has not been sent because of an internal problem.
Name: ModuleExtraction (1533) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The system detects extraction of the module.
Name: ModuleInsertion (1534) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	Module insertion detected.
Name: ModuleReset (1535) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Reset by operator command.
Name: ModuleScenarioError (1536) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The scenario failed due to no response from the module.
Name: MultipleClockInputFailure (1537) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Clock input failure MCLK.

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Alarm	Attributes	Description
Name: NewSwDoesNotSupportAllActualHwModules (1538) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the new software package does not support all actual hardware modules installed in the eNodeB.
Name: NoContactToBoard (1539) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	The communication with the board is not possible.
Name: NonCpuPowerFailure (1541) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a BB power failure to the peripheral devices except the Ethernet switch and the P4080.
Name: NoResponseToEchoRequestOnS1 (1540) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates an issue detected on S1 thanks to the GTP Echo request
Name: OamAutoReset (1542) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	OAM performed an auto-reset due to an internal problem.
Name: OamInterfaceConfigurationFailure (1543) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The IP and Ethernet configuration of the OAM interface failed.
Name: OperationProcessingFailure (1544) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to execute a requested operation. Reset is required to recover from this fault.
Name: OscInWarmup (1545) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates that pluggable oscillator module is warming up after startup. Worst case condition is 12 minutes at -5C cold start.
Name: OscOverTemp (1546) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates that pluggable oscillator module is operating at a temperature above specification limit causing performance to be degraded.
Name: OverTempCritical (1547) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The modem temperature is above operating range. Not implemented in LA2.0.

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Alarm	Attributes	Description
Name: OverTempMajor (1548) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicated that the modem temperature is rising near the shutdown limit. Not implemented in LA2.0.
Name: PasswordRollbackFailure (1549) Type: securityServiceOrMechanismViolation (92) Probable cause: unauthorizedAccessAttempt (800)	Severity: Variable or indeterminate Object Type (class): ENBSHelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates failure to rollback on or all of the passwords. Not supported in LA2.0.
Name: PasswordUpdateFailure (1550) Type: securityServiceOrMechanismViolation (92) Probable cause: unauthorizedAccessAttempt (800)	Severity: Variable or indeterminate Object Type (class): ENBSHelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates failure to update password. Not supported in LA2.0.
Name: PciAssignment (1551) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the PCI of the cell is assigned or re-assigned by the eNodeB during eNodeB startup.
Name: PciCollisionDetected (1552) Type: operationalViolation (93) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects 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
Name: PciCollisionDetectedUnderResolution (1553) Type: operationalViolation (93) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a PCI collision between the cell and a neighbour one. The eNodeB attempts for a resolution.
Name: PciConfusion (1554) Type: operationalViolation (93) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects 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
Name: PciConfusionDetectedUnderResolution (1555) Type: operationalViolation (93) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a PCI confusion between the cell and a neighbour one. The eNodeB attempts for a resolution.
Name: PciConfusionNeighbCells (1556) Type: operationalViolation (93) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a PCI confusion between several neighbour cells. A manual intervention is needed to solve the problem. This issue may affect mobility procedures in any of the eNodeB cells.

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Alarm	Attributes	Description
Name: PciDetectionOfInterference (1557) Type: operationalViolation (93) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PCI interference.
Name: PostmortemFileAvailable (1558) Type: qualityOfServiceAlarm (82) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates the availability of new post-mortem files.
Name: PostmortemFileFailure (1559) Type: qualityOfServiceAlarm (82) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the transfer of new post-mortem files to the target server failed.
Name: PowerOn (1560) Type: equipmentAlarm (3) Probable cause: powerOn (914)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	System was successfully powered on.
Name: Pq3CellSetupRefused (1561) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates Cell Setup is rejected by the BB PQ3 entity.
Name: Pq3CellSetupTimeout (1562) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response from BB PQ3 entity detected in the Cell Setup procedure .
Name: Pq3GlobalSetupRefused (1563) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the BB PQ3 rejected the global setup.
Name: Pq3GlobalSetupTimeout (1564) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a no-response from BB PQ3 in the global setup procedure.
Name: PrimaryDisabledCritical (1565) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is disabled while connected to the primary server.
Name: PrimaryDisabledMajor (1566) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is disabled while connected to the primary server.
Name: PrimaryFaultyCritical (1567) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is faulty while connected to the primary server.

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Alarm	Attributes	Description
Name: PrimaryFaultyMajor (1568) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is faulty while connected to the primary server.
Name: PrimaryIpsecTunnelFailure (1569) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the failure of the primary IPsec tunnel.
Name: PrimarySynchLossCritical (1570) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is uncalibrated.
Name: PrimarySynchLossMajor (1571) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is uncalibrated.
Name: RadiocacIncorrectParameterSetting (1587) Type: qualityOfServiceAlarm (82) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Parameter set by the operator does not match with hardware or software capabilities. Triggers clearing the alarm: when the requested value matches or is lower than the hardware and software capability.
Name: RanInformationApplicationError (1588) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): BscAccess Domain: lte Implicitly cleared (self-clearing): Yes	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.
Name: RanInformationError (1589) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): BscAccess Domain: lte Implicitly cleared (self-clearing): Yes	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.
Name: ResetAfterActivateWithDbMigration (1590) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The software was activated, a database migration was performed.
Name: ResetAfterActivateWithEmptyDatabase (1591) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The software was activated, no database was found.
Name: ResetAfterActivateWithoutDbMigration (1592) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The software was activated, a database migration was not performed.

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Alarm	Attributes	Description
Name: ResetAfterReject (1593) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The software version was rejected and a reset was performed to activate the previous version.
Name: ResetAfterRejectWithEmptyDatabase (1594) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The software version was rejected and a reset was performed to activate the previous version. No databasewas found.
Name: ResetControllerOamLackResource (1595) Type: equipmentAlarm (3) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	A reset of the OAM controller board was performed. Reason: Lack of internal resources.
Name: ResetControllerOamOnOperatorRequest (1596) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The operator requested a reset of the OAM application of the controller board.
Name: ResetControllerWatchdog (1597) Type: equipmentAlarm (3) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The controller was reset. Reason: Hardware watchdog timeout.
Name: ResetDb (1598) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Database restoration failed.
Name: ResetOamException (1599) Type: equipmentAlarm (3) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	A reset of the controller was performed. Reason: processor exception.
Name: ResetOamOnOperatorRequest (1600) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The operator requested a reset of the controller board.
Name: ResetOnOperatorRequest (1601) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The operator requested a reset.
Name: RetActuatorInterference (1602) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects an actuator movement outside the control of the RET unit. Probable cause is manualinterference.
Name: RetActuatorJam (1603) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects that an actuator jam has been detected. No movement of the actuator, but movementof the motor was detected.

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Alarm	Attributes	Description
Name: RetAldUnitSupportWrongAisgVersion (1604) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the ALD unit does not support AISG version 2.0.
Name: RETConfigurationTimeout (1572) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates the time-out for a response from the module.
Name: RetHwFailure (1605) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a general RET HW failure.
Name: RetLossOfComm (1606) Type: equipmentAlarm (3) Probable cause: communicationsSubsystemFailure (915)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the RFM that acts as an AISG Controller lost communication to the RET unit.
Name: RETModuleExtraction (1573) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the system detected extraction of the module.
Name: RETModuleInsertion (1574) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates a module insertion.
Name: RETModuleScenarioError (1575) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the scenario failure due to no-response from the module.
Name: RetMotorJam (1607) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects that the RET motor cannot move.
Name: RETNoContactToBoard (1576) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a failure in communication with the board.
Name: RetNotCalibrated (1608) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects that the device has not completed a calibration operation, or calibration has been lost.
Name: RetNotConfigured (1609) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects that the actuator configuration data is missing.

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Alarm	Attributes	Description
Name: RetSoftwareFail (1610) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a general RET SW failure.
Name: RetUnreadableManufacturerData (1611) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RET Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a failure to read manufacturer data record.
Name: RfmAntCalFailure (1613) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the antenna is out of calibration in a cell.
Name: RfmAntPeriodicCalFailure (1614) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the antenna periodic calibration has failed.
Name: RfmClockFailure (1615) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates link-derived clocking has failed. Enabled only after initialization, i.e. link hardware must be up and running and internal reference must be selected (This is a failure only if the external clocksource is not selected).
Name: RfmCommunicationFailure (1616) Type: communicationsAlarm (4) Probable cause: communicationsProtocolError (901)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	There have been no management messages received in the past 30 seconds, or there is no active C and MTC connection.
Name: RfmCriticalTemperature (1617) Type: environmentalAlarm (2) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	The RFM temperature is above operating range, and the transmitter has shut down to attempt to reduce the temperature.
Name: RfmDigitalInputOvrdrvTx1 (1618) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates Tx1 RMS input signal is at least 5dB greater than nominal maximum power.
Name: RfmDigitalInputOvrdrvTx2 (1619) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates Tx2 RMS input signal is at least 5dB greater than nominal maximum power.
Name: RfmDigitalInputOvrdrvTx3 (1620) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than nominal maximum power.

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Alarm	Attributes	Description
Name: RfmDigitalInputOvrdrvTx4 (1621) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than nominal maximum power.
Name: RfmDigitalInputOvrdrvTx5 (1622) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than nominal maximum power.
Name: RfmDigitalInputOvrdrvTx6 (1623) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than nominal maximum power.
Name: RfmDigitalInputOvrdrvTx7 (1624) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than nominal maximum power.
Name: RfmDigitalInputOvrdrvTx8 (1625) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than nominal maximum power.
Name: RfmDiversityImbalance (1626) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	RFM Diversity imbalance.
Name: RfmEquipmentFailureTx1 (1627) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Amplifier DC input voltage is out of range, RF output is off.
Name: RfmEquipmentFailureTx2 (1628) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Amplifier DC input voltage is out of range, RF output is off.
Name: RfmEquipmentFailureTx3 (1629) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.
Name: RfmEquipmentFailureTx4 (1630) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.
Name: RfmEquipmentFailureTx5 (1631) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.

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Alarm	Attributes	Description
Name: RfmEquipmentFailureTx6 (1632) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.
Name: RfmEquipmentFailureTx7 (1633) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.
Name: RfmEquipmentFailureTx8 (1634) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.
Name: RfmExternalContactChange1 (1635) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	External alarms, reported without severity, based on the setting of the corresponding external alarmbits received from the RFM.
Name: RfmExternalContactChange2 (1636) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	External alarms, reported without severity, based on the setting of the corresponding external alarmbits received from the RFM.
Name: RfmExternalContactChange3 (1637) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	External alarms, reported without severity, based on the setting of the corresponding external alarmbits received from the RFM.
Name: RfmExternalContactChange4 (1638) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	External alarms, reported without severity, based on the setting of the corresponding external alarmbits received from the RFM.
Name: RfmExternalContactChange5 (1639) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	External alarms, reported without severity, based on the setting of the corresponding external alarmbits received from the RFM.
Name: RfmExternalContactChange6 (1640) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	External alarms, reported without severity, based on the setting of the corresponding external alarmbits received from the RFM.
Name: RfmFaultInit (1641) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	FPGA download failures, or PLLs are not locked. Note that this is evaluated during initialization and the unit is never enabled. 'Initialization' refers.
Name: RfmFaultTtlna1Critical (1642) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.

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Alarm	Attributes	Description
Name: RfmFaultTtlna1Major (1643) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than the nominal maximum power.
Name: RfmFaultTtlna2Critical (1644) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmFaultTtlna2Major (1645) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than the nominal maximum power.
Name: RfmFaultTtlna3Critical (1646) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmFaultTtlna3Major (1647) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than the nominal maximum power.
Name: RfmFaultTtlna4Critical (1648) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmFaultTtlna4Major (1649) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than the nominal maximum power.
Name: RfmFaultTtlna5Critical (1650) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmFaultTtlna5Major (1651) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than the nominal maximum power.
Name: RfmFaultTtlna6Critical (1652) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmFaultTtlna6Major (1653) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than the nominal maximum power.

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Alarm	Attributes	Description
Name: RfmFaultTtlna7Critical (1654) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmFaultTtlna7Major (1655) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than the nominal maximum power.
Name: RfmFaultTtlna8Critical (1656) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmFaultTtlna8Major (1657) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx RMS input signal is at least 5dB greater than the nominal maximum power.
Name: RfmGainControlTx1 (1658) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Transmit main branch gain out of range.
Name: RfmGainControlTx2 (1659) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Transmit diversity branch gain out of range.
Name: RfmGainControlTx3 (1660) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit diversity branch gain is out of range.
Name: RfmGainControlTx4 (1661) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit diversity branch gain is out of range.
Name: RfmGainControlTx5 (1662) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit diversity branch gain is out of range.
Name: RfmGainControlTx6 (1663) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit diversity branch gain is out of range.
Name: RfmGainControlTx7 (1664) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit diversity branch gain is out of range.

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Alarm	Attributes	Description
Name: RfmGainControlTx8 (1665) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit diversity branch gain is out of range.
Name: RfmGainControlWarning (1666) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Transmit attenuation limit reached, or internal gain error detected.
Name: RfmGainControlWarningTx1 (1667) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.
Name: RfmGainControlWarningTx2 (1668) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.
Name: RfmGainControlWarningTx3 (1669) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.
Name: RfmGainControlWarningTx4 (1670) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.
Name: RfmGainControlWarningTx5 (1671) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.
Name: RfmGainControlWarningTx6 (1672) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.
Name: RfmGainControlWarningTx7 (1673) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.
Name: RfmGainControlWarningTx8 (1674) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.
Name: RfmInputVoltageFailure (1675) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Input voltage too high or too low. The RFM must be reset to unlatch this alarm.

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Alarm	Attributes	Description
Name: RfmLna1Failure (1676) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	LNA 1 failure alarm has been detected from the external filter module.
Name: RfmLna2Failure (1677) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	LNA 2 failure alarm has been detected from the external filter module.
Name: RfmLna3Failure (1678) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the external filter module detected LNA failure.
Name: RfmLna4Failure (1679) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the external filter module detected LNA failure.
Name: RfmLna5Failure (1680) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the external filter module detected LNA failure.
Name: RfmLna6Failure (1681) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the external filter module detected LNA failure.
Name: RfmLna7Failure (1682) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the external filter module detected LNA failure.
Name: RfmLna8Failure (1683) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the external filter module detected LNA failure.
Name: RfmMessageThrottling (1684) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates detects too many EVENT messages.
Name: RfmOverTemperatureWarning (1685) Type: environmentalAlarm (2) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	The RFM is rising near the shutdown limit.
Name: RfmPowerOnSelfTestCriticalFailure (1686) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	The power-on self test detected a critical failure that prevents the RFM from transmitting. The RFM must be reset to unlatch this alarm.

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Alarm	Attributes	Description
Name: RfmPwrConverterFailure (1687) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	One or more output voltages of the internal power converter is too high or too low. The RFM must be reset to unlatch this alarm.
Name: RfmReceiversFailure (1688) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Summary alarm of the two receivers. This alarm is raised if both Rx1 and Rx2 fail, or if Rx1 fails and diversity is disabled.
Name: RfmRfOutputOvrdrvTx1 (1689) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Excessive RF level at amp output threatens hardware, RF is interrupted for self protection.
Name: RfmRfOutputOvrdrvTx2 (1690) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Excessive RF level at amp output threatens hardware, RF is interrupted for self protection.
Name: RfmRfOutputOvrdrvTx3 (1691) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates excessive RF level at amp output. The RF is interrupted for hardware protection.
Name: RfmRfOutputOvrdrvTx4 (1692) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates excessive RF level at amp output. The RF is interrupted for hardware protection.
Name: RfmRfOutputOvrdrvTx5 (1693) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates excessive RF level at amp output. The RF is interrupted for hardware protection.
Name: RfmRfOutputOvrdrvTx6 (1694) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates excessive RF level at amp output. The RF is interrupted for hardware protection.
Name: RfmRfOutputOvrdrvTx7 (1695) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates excessive RF level at amp output. The RF is interrupted for hardware protection.
Name: RfmRfOutputOvrdrvTx8 (1696) Type: equipmentAlarm (3) Probable cause: powerProblem (911)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates excessive RF level at amp output. The RF is interrupted for hardware protection.
Name: RfmRfSynthFailure (1697) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates that the RF synthesizer PLL is out of lock. This error is enabled only after initialization. Note that Initialization alarm also reports a PLL Out Of Lock condition detected during initialization.

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Alarm	Attributes	Description
Name: RfmRx1Failure (1698) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	RF receiver 1 has failed. If this is the only configured receiver, the RECEIVER FAILURE alarm will also be raised.
Name: RfmRx1VswrThresh (1699) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates Rx1 VSWR test has detected a THRESH Level violation.
Name: RfmRx2Failure (1700) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	RF receiver 2 has failed.
Name: RfmRx2VswrThresh (1701) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates Rx2 VSWR test has detected a THRESH Level violation.
Name: RfmRx3Failure (1702) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.
Name: RfmRx3VswrThresh (1703) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Rx VSWR test detected a THRESH Level violation.
Name: RfmRx4Failure (1704) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.
Name: RfmRx4VswrThresh (1705) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Rx VSWR test detected a THRESH Level violation.
Name: RfmRx5Failure (1706) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.
Name: RfmRx5VswrThresh (1707) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Rx VSWR test detected a THRESH Level violation.
Name: RfmRx6Failure (1708) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.

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Alarm	Attributes	Description
Name: RfmRx6VswrThresh (1709) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Rx VSWR test detected a THRESH Level violation.
Name: RfmRx7Failure (1710) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.
Name: RfmRx7VswrThresh (1711) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Rx VSWR test detected a THRESH Level violation.
Name: RfmRx8Failure (1712) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.
Name: RfmRx8VswrThresh (1713) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Rx VSWR test detected a THRESH Level violation.
Name: RfmSelfBistPartial (1714) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	At least one failure was detected during power on self-test, but the unit may still be functional, though in a degraded state.
Name: RfmSignalQuality (1715) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	EDPD algorithm fault detected or transmit amp supply voltage is low, RF remains enabled.
Name: RfmSlaveBerPort1 (1716) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects excessive bit errors on CPRI.
Name: RfmSlaveBerPort2 (1717) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects excessive bit errors on CPRI.
Name: RfmSlaveBerPort3 (1718) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects excessive bit errors on CPRI.
Name: RfmSlaveLinkLofLink1 (1719) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.

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Alarm	Attributes	Description
Name: RfmSlaveLinkLofLink2 (1720) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.
Name: RfmSlaveLinkLofLink3 (1721) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.
Name: RfmSlaveLinkLosPort1 (1722) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that no signal is detected at the slave link port. This alarm is enabled only after the link is established.
Name: RfmSlaveLinkLosPort2 (1723) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that no signal is detected at the slave link port. This alarm is enabled only after the link is established.
Name: RfmSlaveLinkLosPort3 (1724) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that no signal is detected at the slave link port. This alarm is enabled only after the link is established.
Name: RfmSlaveLinkLossOfFraming (1725) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Locally-detected slave link port alarm, framing cannot be recovered at the slave link port. This alarm is enabled only after the link has first been established.
Name: RfmSlaveLinkLossOfSignal (1726) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Locally-detected slave link port alarm, no signal is detected at the slave link port. This alarm is enabled only after the link has first been established.
Name: RfmSlaveLinkRai (1727) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	The incoming slave link RAI bit is set (Incoming LOS or LOF bits are generally also set when incoming RAI is set, these are not specifically indicated in the RFM alarm set).
Name: RfmSlaveLinkRaiPort1 (1728) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the incoming slave link RAI bit is set.
Name: RfmSlaveLinkRaiPort2 (1729) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the incoming slave link RAI bit is set.
Name: RfmSlaveLinkRaiPort3 (1730) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the incoming slave link RAI bit is set.

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Alarm	Attributes	Description
Name: RfmSlaveSignalLow (1731) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Received optical signal on the slave (upstream) link port is unexpectedly low, though communication is still possible.
Name: RfmSlaveSignalLowPort1 (1732) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the optical signal strength is very low on the slave link port.
Name: RfmSlaveSignalLowPort2 (1733) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the optical signal strength is very low on the slave link port.
Name: RfmSlaveSignalLowPort3 (1734) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the optical signal strength is very low on the slave link port.
Name: RfmSlaveSignalSdi (1735) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	The incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) has been detected.
Name: RfmSlaveSignalSdiPort1 (1736) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) is detected.
Name: RfmSlaveSignalSdiPort2 (1737) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) is detected.
Name: RfmSlaveSignalSdiPort3 (1738) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) is detected.
Name: RfmSlaveTransTxFailurePort1 (1739) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a failure of the optical transceiver.
Name: RfmSlaveTransTxFailurePort2 (1740) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a failure of the optical transceiver.
Name: RfmSlaveTransTxFailurePort3 (1741) Type: equipmentAlarm (3) Probable cause: inputDeviceError (704)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a failure of the optical transceiver.

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Alarm	Attributes	Description
Name: RfmSoftwareFailure (1742) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates general software failures, including TCP/IP stack errors or TCP Allocate Packet errors. This alarm remains asserted for a minimum of 30 seconds.
Name: RfmSwDownloadFailure (1743) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	RFM SW Download failure.
Name: RfmSwProcessingError (1744) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	RFM SW processing fault.
Name: RfmTtlNaFailure1 (1745) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmTtlNaFailure2 (1746) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmTtlNaFailure3 (1747) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmTtlNaFailure4 (1748) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmTtlNaFailure5 (1749) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmTtlNaFailure6 (1750) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmTtlNaFailure7 (1751) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.
Name: RfmTtlNaFailure8 (1752) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the tower-top amplifier has failed or gone into bypass.

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Alarm	Attributes	Description
Name: RfmTx1Failure (1753) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates transmit chain failure, RF transmission is off.
Name: RfmTx1VswrThresh1 (1754) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates Tx1 VSWR test has detected a THRESH Level violation.
Name: RfmTx1VswrThresh2 (1755) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates Tx1 VSWR test has detected a THRESH2 Level violation.
Name: RfmTx2Failure (1756) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates transmit chain failure, RF transmission is off.
Name: RfmTx2VswrThresh1 (1757) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates Tx2 VSWR test has detected a THRESH Level violation.
Name: RfmTx2VswrThresh2 (1758) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Indicates Tx2 VSWR test has detected a THRESH2 Level violation.
Name: RfmTx3Failure (1759) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure of the transmit chain. The RF transmission is not possible.
Name: RfmTx3VswrThresh1 (1760) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH Level violation.
Name: RfmTx3VswrThresh2 (1761) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH2 Level violation.
Name: RfmTx4Failure (1762) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure of the transmit chain. The RF transmission is not possible.
Name: RfmTx4VswrThresh1 (1763) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH Level violation.

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Alarm	Attributes	Description
Name: RfmTx4VswrThresh2 (1764) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH2 Level violation.
Name: RfmTx5Failure (1765) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure of the transmit chain. The RF transmission is not possible.
Name: RfmTx5VswrThresh1 (1766) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH Level violation.
Name: RfmTx5VswrThresh2 (1767) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH2 Level violation.
Name: RfmTx6Failure (1768) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure of the transmit chain. The RF transmission is not possible.
Name: RfmTx6VswrThresh1 (1769) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH Level violation.
Name: RfmTx6VswrThresh2 (1770) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH2 Level violation.
Name: RfmTx7Failure (1771) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure of the transmit chain. The RF transmission is not possible.
Name: RfmTx7VswrThresh1 (1772) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH Level violation.
Name: RfmTx7VswrThresh2 (1773) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH2 Level violation.
Name: RfmTx8Failure (1774) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the failure of the transmit chain. The RF transmission is not possible.

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Alarm	Attributes	Description
Name: RfmTx8VswrThresh1 (1775) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH Level violation.
Name: RfmTx8VswrThresh2 (1776) Type: equipmentAlarm (3) Probable cause: adapterError (688)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the Tx VSWR test detected a THRESH2 Level violation.
Name: RfmUnderTemperature (1777) Type: environmentalAlarm (2) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	The RFM is below its normal operating temperature but still capable of transmitting.
Name: RfmUnreadableManufacturerData (1778) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	RFM Failure to read manufacturer data record.
Name: RfmVswrFailureRx1 (1779) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a VSWR failure on the RX path.
Name: RfmVswrFailureRx2 (1780) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a VSWR failure on the RX path.
Name: RfmVswrFailureRx3 (1781) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a VSWR failure on the RX path.
Name: RfmVswrFailureRx4 (1782) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a VSWR failure on the RX path.
Name: RfmVswrFailureRx5 (1783) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a VSWR failure on the RX path.
Name: RfmVswrFailureRx6 (1784) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a VSWR failure on the RX path.
Name: RfmVswrFailureRx7 (1785) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a VSWR failure on the RX path.

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Alarm	Attributes	Description
Name: RfmVswrFailureRx8 (1786) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a VSWR failure on the RX path.
Name: RfmWarmup (1787) Type: environmentalAlarm (2) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	The RFM is too cold to properly generate RF.
Name: RfTestEquipFailure (1612) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RFM Domain: lte Implicitly cleared (self-clearing): Yes	Hardware required for RF test (generally the tone generator) has failed.
Name: RRHAlarmInForceFailure (1577) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	A failure occurred during alarm in force request of the module.
Name: RRHAutotestFailure (1578) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	The autotest/self test of the module reported an error.
Name: RRHConfigurationTimeout (1579) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	The module did not respond within the expected time.
Name: RRHCorruptFile (1580) Type: processingErrorAlarm (81) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	Checksum error found.
Name: RRHLraReset (1581) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	Reset because of local recovery action.
Name: RrhModuleDownloadFailure (1788) Type: equipmentAlarm (3) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	The transfer of the new SW package from the local storage to the board failed.
Name: RRHModuleExtraction (1582) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	The system detects extraction of the module.
Name: RRHModuleReset (1583) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	Reset by operator command.

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Alarm	Attributes	Description
Name: RRHModuleScenarioError (1584) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	The scenario failed due to no response from the module.
Name: RRHSwDownloadActivationFailure (1585) Type: processingErrorAlarm (81) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	The software for a new module could not be downloaded or activated.
Name: RRHUpdateRiFailure (1586) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	The RI information for the module could not be updated.
Name: RucFanFaultCritical (1789) Type: equipmentAlarm (3) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the fan assemblies is not functioning.
Name: RucFanFaultMajor (1790) Type: equipmentAlarm (3) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): ENBShelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the fan assemblies cooling capacity has been degraded.
Name: S1NoResponseToEchoRequestOnS1 (1791) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): MmeAccess Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates an issue detected on S1 thanks to the GTP Echo request
Name: S1SctpAssociationDown (1792) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): MmeTransportLayerAccess Domain: lte Implicitly cleared (self-clearing): Yes	The S1 association between eNodeB and MME is faulty.
Name: S1SctpAssociationFailure (1793) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): MmeTransportLayerAccess Domain: lte Implicitly cleared (self-clearing): Yes	The MME does not acknowledge the S1 association requests of the eNodeB.
Name: S1_TRANSS1SctpAssociationDown (1794) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): MmeTransportLayerAccess Domain: lte Implicitly cleared (self-clearing): Yes	The S1 association between eNodeB and MME is faulty.
Name: S1_TRANSS1SctpAssociationFailure (1795) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): MmeTransportLayerAccess Domain: lte Implicitly cleared (self-clearing): Yes	The MME does not acknowledge the S1 association requests of the eNodeB.

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Alarm	Attributes	Description
Name: SapDefectIndicationCpriPort1 (1796) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	SAP defect indication received.
Name: SapDefectIndicationCpriPort2 (1797) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	SAP defect indication received.
Name: SapDefectIndicationCpriPort3 (1798) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	SAP defect indication received.
Name: SapDefectIndicationCpriPort4 (1799) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	SAP defect indication received.
Name: SapDefectIndicationCpriPort5 (1800) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	SAP defect indication received.
Name: SapDefectIndicationCpriPort6 (1801) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	SAP defect indication received.
Name: SctpBoardInitFailure (1802) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Basic initialization of the SCTP access failed.
Name: SecondaryDisabledCritical (1803) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is disabled while connected to the secondary server.
Name: SecondaryDisabledMajor (1804) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is disabled while connected to the secondary server.
Name: SecondaryFaultyCritical (1805) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is faulty while connected to the secondary server.
Name: SecondaryFaultyMajor (1806) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is faulty while connected to the secondary server.

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Alarm	Attributes	Description
Name: SecondaryIpsecTunnelFailure (1807) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the failure of the secondary IPsec tunnel.
Name: SecondarySynchLossCritical (1808) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is uncalibrated.
Name: SecondarySynchLossMajor (1809) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the PTP client is uncalibrated.
Name: SecurityLogRolledOver (1810) Type: integrityViolation (85) Probable cause: informationMissing (792)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Security Log rolled over.
Name: SloamInitFailure (1811) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the initialization of SLOAM failed, during the BB start up.
Name: SloamSoftwareFailure (1812) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that SLOAM detected some software failure it cannot recover from.
Name: SnapshotFileAvailable (1813) Type: qualityOfServiceAlarm (82) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates the availability of new L3 snapshot files.
Name: SnapshotFileFailure (1814) Type: qualityOfServiceAlarm (82) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the transfer of the new L3 snapshot files to the target server failed.
Name: SntpClientStartFailure (1815) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The SNTP client could not be started.
Name: SntpClientStopFailure (1816) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The SNTP client could not be stopped.

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Alarm	Attributes	Description
Name: SoftwareAndDatabaseFallback (1817) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	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.
Name: SoftwareFail (1818) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	General platform software failure.
Name: SoftwareFallback (1819) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the eNodeB has detected a critical failure during 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 current configuration data.
Name: SshServerStartFailure (1820) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The SSH server could not be started.
Name: SshServerStopFailure (1821) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The SSH server could not be stopped.
Name: SuccessfulLogin (1822) Type: securityServiceOrMechanismViolation (92) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	A user has successfully logged into the eNodeB via the SSH/CLI.
Name: SuccessfulRoleChange (1823) Type: securityServiceOrMechanismViolation (92) Probable cause: unspecifiedReason (802)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	A user has successfully changed roles on the eNodeB.
Name: SwCannotBeUpdatedAutomatically (1824) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The software for a new module could not be downloaded automatically.
Name: SwDownloadActivationFailure (1825) Type: processingErrorAlarm (81) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The software for a new module could not be downloaded or activated.
Name: SwNotAvailableDownloadStarted (1826) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Software not available, download started.

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Alarm	Attributes	Description
Name: SwUpdatedAutomatically (1827) Type: equipmentAlarm (3) Probable cause: swUpdate (916)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	A board was enabled without the currently valid software. OAM automatically performed an update to therequired software version.
Name: SystemClockUnavailable (1828) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	System clock is not available. Valid for 1588 system clock and reference sources: syncE, GPS, eternalreference.
Name: TelecomInterfaceConfigurationFailure (1847) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The IP and Ethernet configuration of the telecom interface failed.
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: ThreeUnsuccessfulLoginAttempts (1848) Type: securityServiceOrMechanismViolation (92) Probable cause: unauthorizedAccessAttempt (800)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	A user has failed 3 times within 10 minutes to log into the eNodeB via the SSH/CLI.
Name: ThresholdCriticalDp1 (1849) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 1 threshold crossing.
Name: ThresholdCriticalDp2 (1850) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 2 threshold crossing.
Name: ThresholdCriticalDp3 (1851) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 3 threshold crossing.
Name: ThresholdCriticalDp4 (1852) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 4 threshold crossing.
Name: ThresholdMajorDp1 (1853) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 1 threshold crossing.

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Alarm	Attributes	Description
Name: ThresholdMajorDp2 (1854) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 2 threshold crossing.
Name: ThresholdMajorDp3 (1855) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 3 threshold crossing.
Name: ThresholdMajorDp4 (1856) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 4 threshold crossing.
Name: ThresholdMinorDp1 (1857) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 1 threshold crossing.
Name: ThresholdMinorDp2 (1858) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 2 threshold crossing.
Name: ThresholdMinorDp3 (1859) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 3 threshold crossing.
Name: ThresholdMinorDp4 (1860) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects the drift point 4 threshold crossing.
Name: TmaAlarmMajorSub1 (1861) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which prevents its function.
Name: TmaAlarmMajorSub2 (1862) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which prevents its function.
Name: TmaAlarmMajorSub3 (1863) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which prevents its function.
Name: TmaAlarmMajorSub4 (1864) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which prevents its function.

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Alarm	Attributes	Description
Name: TmaAlarmMajorSub5 (1865) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which prevents its function.
Name: TmaAlarmMajorSub6 (1866) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which prevents its function.
Name: TmaAlarmMinorSub1 (1867) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which reduces gain performance but maintains its function.
Name: TmaAlarmMinorSub2 (1868) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which reduces gain performance but maintains its function.
Name: TmaAlarmMinorSub3 (1869) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which reduces gain performance but maintains its function.
Name: TmaAlarmMinorSub4 (1870) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which reduces gain performance but maintains its function.
Name: TmaAlarmMinorSub5 (1871) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which reduces gain performance but maintains its function.
Name: TmaAlarmMinorSub6 (1872) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a TMA subunit fault which reduces gain performance but maintains its function.
Name: TmaAldUnitSupportWrongAisgVersion (1873) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the ALD unit does not support AISG version 2.0.
Name: TMAConfigurationTimeout (1829) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates the time-out for a response from the module.
Name: TmaLossOfComm (1874) Type: equipmentAlarm (3) Probable cause: communicationsSubsystemFailure (915)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the RFM that acts as an AISG Controller lost communication to the TMA unit.

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Alarm	Attributes	Description
Name: TMAModuleExtraction (1830) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates that the system detected extraction of the module.
Name: TMAModuleInsertion (1831) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates a module insertion.
Name: TMAModuleScenarioError (1832) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates the scenario failure due to no-response from the module.
Name: TMANoContactToBoard (1833) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a failure in communication with the board.
Name: TmaUnreadableManufacturerData (1875) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TMA Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects a failure to read manufacturer data record.
Name: TodOutOfSync (1876) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the GPS TOD is not continuous.
Name: TotalRoundTripDelayExceeded (1877) Type: processingErrorAlarm (81) Probable cause: configurationOrCustomizationError (902)	Severity: Variable or indeterminate Object Type (class): Cell Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the eNodeB measured total round trip delay exceeds a predefined maximum allowed value.
Name: TransceiverRxLossCpriPort1 (1880) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Received optical power is below the worst-case receiver sensitivity.
Name: TransceiverRxLossCpriPort2 (1881) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Received optical power is below the worst-case receiver sensitivity.
Name: TransceiverRxLossCpriPort3 (1882) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Received optical power is below the worst-case receiver sensitivity.
Name: TransceiverRxLossCpriPort4 (1883) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Received optical power is below the worst-case receiver sensitivity.

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Alarm	Attributes	Description
Name: TransceiverRxLossCpriPort5 (1884) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Received optical power is below the worst-case receiver sensitivity.
Name: TransceiverRxLossCpriPort6 (1885) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Received optical power is below the worst-case receiver sensitivity.
Name: TransceiverTxFailureCpriPort1 (1886) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates a laser fault of some kind of the transceiver.
Name: TransceiverTxFailureCpriPort2 (1887) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates a laser fault of some kind of the transceiver.
Name: TransceiverTxFailureCpriPort3 (1888) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates a laser fault of some kind of the transceiver.
Name: TransceiverTxFailureCpriPort4 (1889) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates a laser fault of some kind of the transceiver.
Name: TransceiverTxFailureCpriPort5 (1890) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates a laser fault of some kind of the transceiver.
Name: TransceiverTxFailureCpriPort6 (1891) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Indicates a laser fault of some kind of the transceiver.
Name: TransLslBhport1 (1878) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of a degraded (low) received optical signal level on a particular optical transceiver, though communication is still possible.
Name: TransLslBhport2 (1879) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Detection of a degraded (low) received optical signal level on a particular optical transceiver, though communication is still possible.

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Alarm	Attributes	Description
Name: TRDUAlarmInForceFailure (1834) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	A failure occurred during alarm in force request of the module.
Name: TRDUAutotestFailure (1835) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	The autotest/self test of the module reported an error.
Name: TRDUConfigurationTimeout (1836) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	The module did not respond within the expected time.
Name: TRDUCorruptFile (1837) Type: processingErrorAlarm (81) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	Checksum error found.
Name: TRDULraReset (1838) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	Reset because of local recovery action.
Name: TrduModuleDownloadFailure (1892) Type: equipmentAlarm (3) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	The transfer of the new SW package from the local storage to the board failed.
Name: TRDUModuleExtraction (1839) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	The system detects extraction of the module.
Name: TRDUModuleInsertion (1840) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	Module insertion detected.
Name: TRDUModuleReset (1841) Type: equipmentAlarm (3) Probable cause: operatorCommand (905)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	Reset by operator command.
Name: TRDUModuleScenarioError (1842) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	The scenario failed due to no response from the module.
Name: TRDUNoContactToBoard (1843) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	The communication with the board is not possible.

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Alarm	Attributes	Description
Name: TRDUSwDownloadActivationFailure (1844) Type: processingErrorAlarm (81) Probable cause: softwareError (718)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	The software for a new module could not be downloaded or activated.
Name: TRDUUpdateRiFailure (1845) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	The RI information for the module could not be updated.
Name: TRDUVswrConfigurationFailure (1846) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): TRDU Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the thresholds of the VSWR configuration could not be applied to the eNodeB.
Name: UbmFailed (1893) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a non-response of UBM entity detected by UeCallP.
Name: UeCallPWarning (1894) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	Ue CallP reports a warning.
Name: UnexpectedDataFromDhcpServer (1895) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The DHCP server offers a different lease time than requested by the eNodeB DHCP client.
Name: UnexpectedLongInitialization (1896) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm detects that PTP client has taken longer than expected to achieve complete synchronization.
Name: UnreadableManufacturerData (1897) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	Failure to read manufacturer data record.
Name: UnsuccessfulLoginAttempt (1898) Type: securityServiceOrMechanismViolation (92) Probable cause: unauthorizedAccessAttempt (800)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	A user has failed to log into the eNodeB via the SSH/CLI.
Name: UnsuccessfulRoleChange (1899) Type: securityServiceOrMechanismViolation (92) Probable cause: unauthorizedAccessAttempt (800)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	A user role change request has failed on the eNodeB.

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Alarm	Attributes	Description
Name: UpaCriticalError (1900) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	UPA Critical error.
Name: UpaWarning (1901) Type: processingErrorAlarm (81) Probable cause: softwareProgramError (720)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	UPA warning.
Name: UpdateRiFailure (1902) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): BBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The RI information for the module could not be updated.
Name: VswrConfigurationFailure (1903) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): RRH Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the thresholds of the VSWR configuration could not be applied to the eNodeB.
Name: WalgBoardInitializationFailure (1904) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): CBCardSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	The basic initialization of the WAL gateway failed.
Name: WrongFanAssembly (1905) Type: equipmentAlarm (3) Probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	Severity: Variable or indeterminate Object Type (class): ENBSelfSpecifics Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a wrong flow RUC, specifically a normal-flow RUC being present when a high-flow RUC is needed.
Name: X2AccessAdminDown (1906) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Critical 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: Critical 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: Minor Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	The alarm is raised when an X2 Access is not fully available.
Name: X2ConfigurationDataMismatch (1909) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	This event indicates inconsistencies in the configuration data between the eNodeBs.
Name: X2CongifurationDataMismatch (1910) Type: communicationsAlarm (4) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): ENBEquipment Domain: lte Implicitly cleared (self-clearing): Yes	The X2 configuration data between the eNodeB and the neighbor eNodeB is not consistent.

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Alarm	Attributes	Description
Name: X2IpssecTunnelFailure (1911) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): X2Access Domain: lte Implicitly cleared (self-clearing): Yes	The IPSec tunnel failed.
Name: X2SctpAssociationDown (1912) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): X2TransportLayerAccess Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a fault in the X2 association between the eNodeBs.
Name: X2SctpAssociationFailure (1913) Type: equipmentAlarm (3) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): X2TransportLayerAccess Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates that the neighboring eNodeB does not acknowledge the X2 association requests from the eNodeB.
Name: X2_TRANSP_IP_Address_Configuration_Data_Mismatch (1914) Type: processingErrorAlarm (81) Probable cause: equipmentMalfunction (698)	Severity: Variable or indeterminate Object Type (class): X2TransportLayerAccess Domain: lte Implicitly cleared (self-clearing): Yes	This alarm indicates a mismatch in the IP address type and the actual IP address specified in the configuration data.

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## 2.4 LTE MME domain alarms

This section describes the 5620 SAM LTE MME domain alarms. 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 *9471 Mobility Management Entity Alarm Dictionary* 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 *9471 Mobility Management Entity Alarm Dictionary* should be considered the primary source for 9471 MME alarms.

Table 2-4 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 raised by the MME system

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Alarm	Attributes	Description
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 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 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 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 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 raised by the MME system
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 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 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 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 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 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 raised by the MME system

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Alarm	Attributes	Description
Name: MmeATCA_IPMBSLink (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 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 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 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 raised by the MME system
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 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 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 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 raised by the MME system
Name: MmELSS_adnsQueueCongestio (873) 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 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 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 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 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 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 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 raised by the MME system
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 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 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 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 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 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 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 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 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 raised by the MME system
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 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 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 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 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 raised by the MME system
Name: MmeLSS_cpiMafAttachFailuresSysRelate (908) 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 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 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 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 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 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 raised by the MME system
Name: MmeLSS_cpiMGCActionReplyError (901) 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 raised by the MME system
Name: MmeLSS_cpiMGCAuditValReplyErr (902) 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 raised by the MME system
Name: MmeLSS_cpiMGCFailedAddRequest (904) 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 raised by the MME system
Name: MmeLSS_cpiMGCFailedModifyRequest (905) 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 raised by the MME system
Name: MmeLSS_cpiMGCFailedSubtractRequest (906) 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 raised by the MME system
Name: MmeLSS_cpiMGCFailOverServChgRoot (903) 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 raised by the MME system

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Alarm	Attributes	Description
Name: MmELSS_cpiMGCTransactionReplyError (907) 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 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 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 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 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 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 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 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 raised by the MME system
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 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 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 raised by the MME system
Name: MmeLSS_diskDown (928) 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 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 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 raised by the MME system
Name: MmeLSS_diskSpaceExhausted (931) 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 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 raised by the MME system
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 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 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 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 raised by the MME system
Name: MmeLSS_failedNumDNSRequestsRateExceeded (944) 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 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 raised by the MME system
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 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 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 raised by the MME system
Name: MmeLSS_failedS101SetupRateExceeded (949) 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 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 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 raised by the MME system
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 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 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 raised by the MME system
Name: MmELSS_fsdbCapacityLimit (958) 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 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 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 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 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 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 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 raised by the MME system
Name: MmELSS_inodeExhausted (969) 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 raised by the MME system
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 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 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 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 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 raised by the MME system
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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 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 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 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 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 raised by the MME system
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 raised by the MME system
Name: MmELSS_numMissedReqS101RateExceeded (988) 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 raised by the MME system
Name: MmELSS_numMissedReqS10RateExceeded (989) 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 raised by the MME system
Name: MmELSS_numMissedReqS11RateExceeded (990) 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 raised by the MME system

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Alarm	Attributes	Description
Name: MmeLSS_numSCTPrcvdErrorsS1mmeRateExceeded (991) 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 raised by the MME system
Name: MmeLSS_numSCTPrcvdErrorsS6aRateExceeded (992) 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 raised by the MME system
Name: MmeLSS_numTOS101gtpcRateExceeded (993) 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 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 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 raised by the MME system
Name: MmeLSS_numUDPrvdErrorsS101RateExceeded (996) 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 raised by the MME system
Name: MmeLSS_numUDPrvdErrorsS10RateExceeded (997) 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 raised by the MME system
Name: MmeLSS_numUDPrvdErrorsS11RateExceeded (998) 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 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 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 raised by the MME system
Name: MmeLSS_pktCorruptionDetectedViaRCCLAN Check (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 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 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 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 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 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 raised by the MME system
Name: MmeLSS_serviceCommCxnLos (1014) 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 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 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 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 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 raised by the MME system
Name: MmeLSS_softwareComponentDown (1019) 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 raised by the MME system

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Alarm	Attributes	Description
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 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 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 raised by the MME system
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 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 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 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 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 raised by the MME system
Name: MmELSS_virtualClusterDown (1028) 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 raised by the MME system
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 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 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 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 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 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 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 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 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 raised by the MME system

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Alarm	Attributes	Description
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 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 raised by the MME system
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 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 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 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 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 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 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 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 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 raised by the MME system
Name: MmeUnknownAlarm (1052) Type: mmeAlarm (77) Probable cause: unknown	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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## 2.5 LTE service domain alarms

This section describes the 5620 SAM LTE service domain alarms.

**Table 2-5 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.



# Customer documentation and product support



## Customer documentation

<http://www.alcatel-lucent.com/myaccess>

Product manuals and documentation updates are available at [alcatel-lucent.com](http://www.alcatel-lucent.com). If you are a new user and require access to this service, please contact your Alcatel-Lucent sales representative.



## Technical Support

<http://support.alcatel-lucent.com>



## Documentation feedback

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