

Alarms caused by RRU optical module failure



Overview

Any of the following alarms occurs: ALM-10077, ALM-34110, ALM- 34120, ALM-34122, ALM-34231, ALM-10004, ALM-34011, ALM- 34001, ALM-34003, ALM-34005, ALM-34142, ALM-34143, and ALM- 34148. In this case, check whether the optical cable and optical module are normal. This document provides a troubleshooting guide for the WiMAX RRU3702 Radio Remote Unit. After combining the RRU log analysis and the alarm of the optical module, the radio frequency maintenance link is triggered by the power-off of the RRU board, as shown in the following screenshot. The cause of the RRU startup alarm record is. HW&Frequent Alarm • - HW alarm & procedure • - frequently alarm & procedure • - follow alarm from BE & procedure HW alarms & Procedure • 1. Hardware overview • DU Board: DUL20 Port Connector Description RI A-F SFP Interface DU-RU (electrical) or DU-RRU (optical) TN A RJ-45. This document describes the Remote Radio Unit multi-Standard (RRUS) 32. Remote Radio Unit (RRU) is often used as a generic expression for a remotely installed Radio Unit (RU). Seals that have been implemented by Ericsson must not be broken or. The common faults related to the RF channels are uplink channel fault, uplink interference, eNodeB fault connection of antenna, downlink channel fault, downlink antenna fault, This document describes the analysis procedure beginning from problem symptom to conclusion. VSWR alarm. OFF: The optical fiber is disconnected. Hardware failure self-test and alarm; Environment Detection; Provide 2 paths of baseband-RF interface and 4 paths of external alarm input, and a serial port, a FE interface, a.

Article Content

Nokia Alarm Reference Guide | PDF | Global

Nokia Alarm Reference Guide The document contains information about various alarms that can occur on an Airscale FDD device, including descriptions of the Alarms in OTN system and explanations

Optical Transport Network (OTN) systems have several alarms to monitor network health and detect issues that could impact performance. These alarms are categorized based on layers

Optical Module Common Failure Of Optical Power

The article Digital Diagnostic Function (DDM) For Optical Modules describes that DDM function can be used for real-time monitoring and fault

Troubleshooting Guide: (RF Unit Maintenance Link

Troubleshooting Guide: (RF Unit Maintenance Link Failure & BBU CPRI Interface Error) When facing alarms related to RF Unit Maintenance Link Failure and BBU

How To Clear RF Unit CPRI Interface Error | Huawei BBU

Possible Causes If the optical transmission is used, the optical module or connector of the RF unit or peer device may be improperly installed, or the optical link is faulty.

Huawei Enterprise Support Community

We're sorry but web site doesn't work properly without JavaScript enabled. Please enable it to continue. Loading

Optical module common faults and solutions

Customers in the use of optical modules will more or less encounter a variety of failure problems, such as optical module model selection is correct, the use of jumper is correct and some

HW Alarm Troubleshooting Guide: DU & RU

Troubleshooting guide for hardware alarms in telecommunications networks. Includes DU/RU hardware overviews, connection checks, and alarm resolution.

Huawei BBU CPRI Port Troubleshooting & Arrangements

Troubleshooting BBU CPRI interface errors in Huawei equipment. Learn about alarm causes, impact, and handling procedures.

Exhibit 8 Manuals

The RRU is convection cooled and designed for outdoor installation. The values shown in Table 3 are meant to give an idea of heat dissipation when the unit is installed indoor, or around other RRUs.

BBU Optical Module Transmit/Receive Fault

After combining the RRU log analysis and the alarm of the optical module, the radio frequency maintenance link is triggered by the power-off of the RRU board, as shown in the following screenshot.

Lte Rf Channel Troubleshooting Guide

Troubleshooting I. Run the RST BRDPWROFF command to reset the RRU, excluding the possibility that the problem is caused by soft failure. Check whether the alarm is cleared.

TRX faulty on the RRU after commissioning

On the management alarm console this alarm will appear cell out of service and when you move the cursor close to RRU, TRX status show faulty and channel status is faulty.

RRU Hardware Maintenance Guide | Manualzz

This document describes routine maintenance procedures for an RRU such as equipment maintenance and power-on and power-off operations. It also explains how to replace the RRU and optical modules.

BBU Optical Module Transmit/Receive Fault

1. BBU Optical Module Transmit/Receive Fault 2. RF Unit Maintenance Link Failure The results of this alarms was restarting of the RF unit. After combining the RRU log analysis and the alarm of the

RRU3252/RRU3256 Hardware Maintenance Guide

Optical cables inserted into an optical module must be removed before the optical module is replaced. Replacing an optical module interrupts CPRI signal transmission.

Troubleshooting Physical Layer Alarms on SONET and SDH Links

Troubleshooting Use this table in order to isolate and troubleshoot SONET alarms. Note the SONET layer at which errors and alarms are detected, when you troubleshoot. For example,

Optical Transceiver Failure: How to solve it? |FiberMall

The possible cause is the failure of the optical module at this end, and it is recommended to replace the optical module Therefore, after the port is

How to clear Unavailable Optical Module Alarm | SFP Module Alarm

How to clear Unavailable Optical Module Alarm | SFP Module Alarm | ZTE BBU Current Alarms In this video you can learn that How to clear Unavailable Optical Module Alarm.

Troubleshooting Cell Unavailability Faults Due to Faulty Hardware

When the eNodeB detects that a cell is unavailable due to a cell activation failure, the eNodeB reports an ALM-29240 Cell Unavailable alarm. Cell unavailability mentioned in this chapter means that all

Common Optical Transceiver Failures and Effective Troubleshooting ...

Discover the most frequent optical transceiver failures and learn how to diagnose, test, and solve them using proven techniques. Includes expert insights and testing methods for fiber optic

RAN Equipment Troubleshooting Guide

It outlines specific problems, event types, and detailed steps to diagnose and resolve issues such as hardware faults, VSWR over threshold, and connection

RF Unit DC Input Power Failures | PDF | Input/Output

This document lists hardware and software alarms related to an ECP board, RRH units, GPSR units, UMP, and RET units. It provides possible causes and

Changes in RRU5909& RRU5309& RRU5309w& RRU3959a Hardware

QSFP optical modules are applicable only to BBUs, massive MIMO devices, and radio multiplex units (RMUs), but not to RRUs. In addition, only QSFP optical modules with a data rate of 40 Gbit/s are

ZTE ZXSDR R8860E GU858 USER MANUAL Pdf Download

One of the solutions is dividing the base station into two parts: Base Band Unit (BBU) and Remote Radio Unit (RRU). R8860E GU858 is the outdoor RRU, and it works with BBU to realize complete logical

Wi max rru3702 troubleshooting guide v1.0-20100609-a

It outlines basic check items for the RRU including version information, configuration, alarms, and RF indexes. It then describes methods for checking alarms, whether alarms are shielded or deleted, and

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.boxesgaramella-andria.it>

Email: sales@boxesgaramella-andria.it

Phone: +39 331 584 7291

Address: Via delle Industrie, 15, 20154 Milano, Italy

This document is for informational purposes only. Specifications subject to change without notice.

