

CPRI Optical Module Electrical Interface Not in Place Alarm



Overview

This alarm is reported when the link between the BBU and the lower-level RF units malfunctions. The alarm filtering parameters can be set by running the SET. 3/7/23, 9:47 AM □ Huawei Enterprise Support Community UBBP CPRI Port Arrangements - Huawei Enterprise Support Community User Gu Community Forums Groups Blog & Collections Rewards FAQ Top Members Subscribe □ Community □ Forums □ Wireless & Microwave □ UBBP CPRI Port Arrangemen. This high-speed, low-latency interface is crucial for maintaining optimized performance and synchronization in 4G and 5G. The first version of the CPRI interface specification will have the following scope: 1. A digitized and serial internal base station interface between 'Radio Equipment Control' (REC) and 'Radio Equipment' (RE) will be specified.



Article Content

Feb 21, 2026

LTE Service Affecting Alarm

The alarm filtering parameters can be set by running the SET ALMFILTER command. This alarm is reported when the optical module

Feb 02, 2026

BBU Alarm Overview for LTE Systems

Common causes include hardware faults, link failures, resource shortages, configuration mismatches, and signal quality problems.

Apr 19, 2026

What is CPRI? Common Public Radio Interface Explained

CPRI, which stands for Common Public Radio Interface, is a standardized protocol used in modern

Dec 18, 2025

CPRI Cable Function and Details in Telecom

CPRI is optical fiber that carry signals whether it is control or message. Control signals are

Sep 03, 2025

Signal Conditioner Considerations for CPRI Applications

- CTLE does not apply equal boost across all frequencies. CPRI electrical specifications (SFI)
- CPRI specification defines several

Nov 26, 2025

Huawei BBU CPRI Port Troubleshooting & Arrangements

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

Aug 07, 2025

How To Clear RF Unit CPRI Interface Error | Huawei BBU

In multi-mode configuration, the inter-BBU connections are abnormal or the optical

Dec 27, 2025

Major Alarms Troubleshooting Guide

This document provides a troubleshooting guide for major alarms in a wireless network. It lists 29 different alarm types along with a

Dec 22, 2025

UG0822 User Guide CPRI

Microsemi makes no warranty, representation, or guarantee regarding the information contained herein or the suitability of its

Aug 23, 2025

Microsoft Word

Note that this chapter does not specify the requirements on a CPRI compliant device (see chapter 5.2) but expresses

Aug 10, 2025

CPRI Specification V7

The physical layer (layer 1) supports both an electrical interface (e.g., what is used in traditional radio base stations),

Jan 22, 2026

Common Public Radio Interface

Nortel Networks, Siemens Mobile Provide a framework to facilitate Radio Equipment products development for mobile

Oct 15, 2025

Microsoft Word

The physical layer (layer 1) supports both an electrical interface (e.g., what is used in traditional radio base stations), and an optical

Feb 20, 2026

CPRI Cable Function and Details in Telecom

CPRI is called Common Public Radio Interface, is an optical cable whose function is to transfer signals between BBU

Nov 01, 2025

CPRI Guide | PDF | Computers

When the optical module fails to receive data, analyze the problem based on alarm location information No signal, Receive Power

Oct 21, 2025

BBU CPRI Interface Alarm Overview

This document contains a list of 73 alarm names and the network elements (NE) they impact. The alarms relate to issues with

Jan 17, 2026

CPRI Specific Checks

The following section lists some tips for debugging common problems with the CPRI link. • Confirming the link stays

Mar 26, 2026

Learn How to Install a CPRI Fiber Optic Interface Panel

This video discusses the implementation of Network Directive ME-RFS-DI-14-002,

Oct 10, 2025

CPRI Specification V7.0: Interface Standard

CPRI V7.0 interface specification for radio communication systems. Details physical layer, data link layer, and

Sep 28, 2025

Common Public Radio Interface

The Common Public Radio Interface (CPRI) standard defines an interface between Radio Equipment Control (REC) and Radio

Dec 11, 2025

CPRI IP User Guide

The Common Public Radio Interface (CPRI) IP implements the CPRI Specification V7.0 (2015-10-09). CPRI is a high-speed serial

Apr 27, 2026

Troubleshooting CPRI ALARM | Work Vlog | Telecommunications Basic Alarm ...

The Video shows basic troubleshooting alarm of CPRI cable alarm. CPRI cable is fiber cable used in telecom services

Jul 04, 2026

Status Code and Alarm Register (0x0)

Table 2-3: Status Code and Alarm Register Bits Description 31:5 Reserved 4 Summary Alarm The summary alarm bit

Feb 13, 2026

Common Public Radio Interface

The physical layer (layer 1) will support both an electrical interface (i.e. what is used in traditional base stations), and an optical

Aug 08, 2025

CPRI RE Testing

This key component is a configurable digital interface module that is used to connect Rohde & Schwarz test equipment to a RE

Jan 30, 2026

Improving Wireless Network Flexibility Using CPRI Technology

Traditional macrosite installation with long coax feed Radio/BBU Cable Coax RRH CPRI technology enables the separation of RRH

Sep 19, 2025

CPRI Specification V1.0

The support of other standards is not required in this release of the CPRI specification, but the future use of the

Apr 25, 2026

Addressing Alarms on Site · Ericsson Site Commissioning and

After the integration is completed, you might have some alarms that must be addressed on site. Usually, these alarms are hardware

Mar 26, 2026

BBU CPRI Interface and RF Unit Errors

This document lists various alarm names and whether they affect the SSV (Site Service Verification).

Jun 22, 2026

Fix CPRI Interface Error Huawei DBS 3900

Resolve RF Unit CPRI Interface Error in Huawei DBS 3900. Learn why SFP transceiver EEPROM settings cause

Contact Us

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

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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

