



Prisma II XD Platform Chassis DC-to-DC Converter Ripple Voltage Technical Bulletin

Overview

It has been determined that, under certain conditions, the modular DC-to-DC converters in the power system of the Prisma II™ XD Platform Chassis may exhibit increased output ripple voltage sufficient to cause intermittent failure of Prisma II High Density 1310 nm Transmitter modules installed in the chassis.

Purpose

This document identifies the units affected by this issue and provides recommendations for issue resolution.

Affected Units

Units affected by this issue include the following:

- Model P2-XD-CH-F (Prisma II XD Chassis), part number 4022058, date code range A08 through H08
- Model P2-XD-CH-F-ICIM (Prisma II XD Chassis with ICIM), part number 4023768, date code range A08 through H08

Audience

This technical bulletin applies to all system engineers, managers, and customers responsible for operating or maintaining Prisma II XD Platform equipment.

Qualified Personnel

Only appropriately qualified and skilled service personnel should attempt to install, operate, maintain, and service this product.



WARNING:

Allow only qualified and skilled personnel to install, operate, maintain, and service this product. Otherwise, personal injury or equipment damage may occur.

Issue and Resolution

Under certain loading conditions, the modular DC-to-DC converters in the Prisma II XD Chassis may exhibit output ripple voltage sufficient to cause certain Prisma II High Density 1310 nm Transmitter modules installed in the chassis to fail, turning off and on intermittently.

Resolution

Equipment exhibiting this issue should be returned for service. Refer to *For Information* (on page 3) for contact information.

Customers with affected chassis models have two options for returning equipment:

- Return the complete chassis for repair or replacement.
- Remove the DC-to-DC converter modules (part number 4020342) from the affected chassis and return the converters for service.

For instructions on removing DC-to-DC converter modules, see the **Installation** section of the *Prisma II™ XD Platform System Guide*, part number 4021339.

For Information

If You Have Questions

If you have technical questions, call Cisco Services for assistance. Follow the menu options to speak with a service engineer.



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