



Prisma II HDTx RF Output Level Jump Issue Technical Bulletin

Overview

Purpose

The purpose of this document is to inform Prisma II™ High Density Transmitter (HDTx) users of a possible issue that receiver RF output level increases about 3~5 dB when the automatic gain control (AGC) is turned from OFF to ON.

Audience

This document is written for system engineers and managers, who are responsible for operating and/or maintaining the Prisma II equipment.

Situation

We have received customer comments regarding issues that receiver RF output level may increase 3~5 dB when the AGC feature of the HDTx is turned from OFF to ON. An analysis was conducted by us. This analysis indicated that the problem is associated with 3 dB offset in RF AGC set point between CW ON and OFF mode in the unit.

Customer Exposure

A few customers may experience this kind of issue if they have HDTxs manufactured in or before January 2006 (A06) and with serial number beginning with "MM".

Solution

The following options are available to deal with this issue:

- If you do not use the AGC function, you can turn AGC off through LCI or ICIM. The transmitter will continue functioning.
- If you want to use the AGC function for the affected units, we have a software update available to correct the affected units.

See the **For Information** section in this document for phone numbers and contact information.

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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