

CDM-570A Modem 1.4.3 Release

Approval Signatures			
CDM-570A Product Manager:	Date:	CDM-570A Originator:	Date:

Applicability
Bulk release 1.4.3 (FW-0020683J) for the CDM-570A Modem. Includes Bulk firmware and SNMP MIBs.

[illegible]

FSCM No. 4J515

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This Release

This CDM-570A Modem release has the following changes.

1.4.3 Features

- Displays local SNR (ACM) on the web page modem status tab. TT11847 12/14/15

1.4.3 Fixes

- IF base modem ODU/FSK: response errors causing unit to hang. TT 10312
- Base modem fix for: CnC on, Tx off, demod lock. (Customer RigNet)
- 8 ODU bugs found during release TT 12064, 12068, 12071, 12081, 12082, 12091, 12092, 12099.

Compatible SNMP MIBS

MIB Name	Filename	Date (mm/dd/yyyy)
CDM-570A MIB	FW-0020760C.mib	05/20/2015
CDM-570A Traps MIB	FW-0020762A.mib	12/15/2014
CDM-570AL MIB	FW-0020761-.mib	04/14/2014
CDM-570AL Traps MIB	FW-0020763-.mib	04/14/2014
CEFD Root MIB	FW10874-2-.mib	08/20/2004

Change History

This section shows the change history over previous versions.

1.4.2 Features

- Adds support for 570-compatibility VMS.

1.4.2 Fixes

- Fixes a bug that the LBand unit would not retain 18V LNB voltage after power cycle.
- Forces 1:1 Redundancy Auto/Manual Switch to Auto when changing from 570A-compatibility mode to 570-compatibility mode.

1.4.1 Features

- Adds support for RADIUS
- Adds support for configuring SNMP on the PaP CLI.

1.4.1 Fixes

- Fixes a bug that crashes the modem if an invalid FAST string is accepted

1.3.2 Features

- Adds Tx Ethernet Link Down Alarm Mask.

1.3.2 Fixes

- Fixes a bug in the remote command IPA which would accept an invalid IP/subnet mask.
- Fixes a bug in the web UI which wouldn't take the password change on read-only user.

1.3.1 Features

- Enhance configuration page of the web UI.

1.3.1 Fixes

- Fix a bug where modem would not lock when the spectrum inversion has been set.
- Fix a bug where the modem would show Tx datarate on Rx datarate Info page on the Front Panel.
- Fix a bug where PSDR in CnC mode would be reported incorrectly.

1.2.2 Features

- Add ACM statistics.

1.2.2 Fixes

- Fix a bug where ACM could not acquire lock when frequency offset is greater than zero.

1.2.1 Features

- Vipersat support

1.2.1 Fixes

- None

1.2.0 Features

- IP Option Card support
- IP-ACM
- Fractional CnC
- Constellation and Spectrum Display on web UI

1.2.0 Fixes

- None

1.1.2 Features

- None.

1.1.2 Fixes

- Fixed G.703 pulse mask.

1.1.1 Features

- Backward compatible with original CDM-570/L
- Optimized Transmit filter rolloff
- Carrier-in-Carrier Bandwidth compression
 - Extended L-Band frequency
- VersaFEC Low Latency LDPC FEC
- Upgraded Web pages

Known Issues

None