

SERVICE BULLETIN ASM-025

Product: Antenna System Monitor

Subject: Firmware 2.86 Release

Date: 03rd June 2021

Description

This Service Bulletin announces the release of baseline 2.86 firmware for the Antenna System Monitor (ASM) series products.

The version 2.86 firmware update file ("FFP") is available for download from the RFI website <http://www.rfi.com.au>, and may be flashed into existing ASM models by following the *Maintenance – Firmware Update* process in the Graphical User Interface (GUI) or User Manual.

Product Enhancement

This version 2.86 firmware supports the Motorola UEM and provides enhanced SNMP functionality including adding SNMP v1 support to the existing v2C, additional northbound Traps and southbound GET commands support in both scalar and tabular formats.

Refer to *Service Bulletin – ASM SNMP* for further information on these new features.

Several issues in earlier firmware versions have also been addressed. These include performance issues in Receiver and Antenna Isolation measurements in certain configurations, and a hardware/firmware compatibility issue impacting a small number of VHF unit serial numbers.

General Information		
Managed Resource:	184.10.128.71	Edit
Subsystem:	184.10.128.0	Edit
IP Address:	184.10.128.71	
Source:	184.10.128.71-FMT_RFIAPM	
Type:	RFI APMA	
Class Name:	DeviceManagedResource	
Managed:	Yes	
More Information		
Relationships		
Note		
Objects		
▼ Managed Resources		
▼ 184.10.128.71		
Communication	Synchronization	ACCESS
Discovery	SUMMARY	
▼ ISOL-STATUS		
AntIsolation_803.768750	RxSystem-1_804.768750	RxSystem-2_802.243750
RxSystem-3_799.481250	TxRejection-1_774.76875	TxRejection-2_774.26875
TxRejection-3_774.01875	TxRejection-4_773.76875	TxRejection-5_773.51875
TxRejection-6_772.24375	TxRejection-7_771.99375	TxRejection-8_769.48125
▼ RX-STATUS		
PORT_0_CHANNEL_1	PORT_0_CHANNEL_2	PORT_0_CHANNEL_3
PORT_0_CHANNEL_4	PORT_0_CHANNEL_5	PORT_0_CHANNEL_6
PORT_0_CHANNEL_7	PORT_0_CHANNEL_8	
▼ TX-STATUS		
PORT_1_CHANNEL_1	PORT_1_CHANNEL_2	PORT_1_CHANNEL_3
PORT_1_CHANNEL_4	PORT_1_CHANNEL_5	PORT_1_CHANNEL_6
PORT_1_CHANNEL_7	PORT_1_CHANNEL_8	

Motorola UEM monitoring of the ASM



Upgrading to Firmware 2.86

Note: Please read all Service Bulletins published from the release of the firmware currently operating in your ASM prior to commencing an upgrade to this version 2.86 firmware. Upgrades may require a transition through an intermediate firmware version on the way to reaching this version - or may have other implications for your ASM.

The required intermediate firmware version transitions are;

- Firmware below version 2.0 must transition through version 2.0 or 2.05 prior to attempting an update to 2.1 or above.
- Firmware below 2.60 must transition through version 2.60 prior to attempting an update to 2.70 or above.

Cost Impact

Firmware version 2.86 is available to RFI customers at no charge.

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