



SERVICE BULLETIN ASM-003

Product: Antenna System Monitor

Subject: Firmware 1.92 Release

Description

This Service Bulletin announces the release of baseline 1.92 firmware for the Antenna System Monitor (ASM) series products.

The version 1.92 firmware update file (“FPP”) is available for download from the RFI website, and it 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

The version 1.92 firmware provides the following new feature for the ASM;

- i) APCO P25 Phase 2 Measurement

This feature adds APCO P25 Phase 2 modulation to the selection of modulation types that can be measured by an ASM unit.

| Chan No. | Channel ID | ON | Frequency | BW | Modulation | Threshold Pwr |
|----------|-----------------|-------------------------------------|---------------|----------|------------|---------------|
| Tx1-1 | Police West | <input checked="" type="checkbox"/> | 473.50000 MHz | 25 kHz | FM | +30.0 dBm |
| Tx1-2 | Police East | <input checked="" type="checkbox"/> | 470.20000 MHz | 25 kHz | FM | +30.0 dBm |
| Tx1-3 | Police Air Wing | <input checked="" type="checkbox"/> | 493.32500 MHz | 12.5 kHz | P25P1 | +30.0 dBm |
| Tx1-4 | Fire OPS | <input checked="" type="checkbox"/> | 490.70000 MHz | 12.5 kHz | LSM | +30.0 dBm |
| Tx1-5 | Fire Ground #1 | <input checked="" type="checkbox"/> | 470.92500 MHz | 12.5 kHz | LSM | +30.0 dBm |
| Tx1-6 | Maintenance | <input checked="" type="checkbox"/> | 487.57500 MHz | 25 kHz | FM | +30.0 dBm |
| Tx1-10 | Admin | <input checked="" type="checkbox"/> | 492.25000 MHz | 25 kHz | FM | +30.0 dBm |
| Tx1-15 | Emergency | <input checked="" type="checkbox"/> | 488.15000 MHz | 12.5 kHz | P25P1 | +30.0 dBm |

The modulation type can be selected on a per-channel basis, for both transmit and receive, in the *Configuration* section of the Graphical User Interface (GUI).

Additional modulation types are also planned for inclusion in future firmware releases.

Compatibilities

Firmware version 1.92 for the ASM is compatible with all models of the ASM1317, ASM3852, ASM7487 and ASM8796.

Cost Impact

Firmware version 1.92 is available to RFI customers at no charge.