

SERVICE BULLETIN DSPbR-023

Product: DSPbR Rebroadcast Repeater

Subject: Firmware 5.3.5 Release

Date: 12th June 2018

Description

This Service Bulletin announces the release of baseline 5.3.4 firmware for the DSPbR Rebroadcast Repeater (DSPbR) series products.

Product Enhancements

This version 5.3.5 firmware corrects minor issues identified since the 5.3.4 release. These issues are;

- i) Per-slot AGC was not operating correctly in TDMA protocol filter profiles. This has now been corrected in the 5.3.5 release.
- ii) Inclusion of fast gating feature in RFOF 'star' (hub and spoke) VHF DSPbR configurations. The fast gating feature was introduced in an earlier firmware release but was not correctly implementing when multiple DSPbRs are operated in a RFOF 'star' configuration. This discrepancy has been addressed in the 5.3.5 release.
- iii) Corrected a GUI error where a RF Max Power value in the Config File wasn't limited the available selections in the Output Power dropdown fields. Firmware release 5.3.5 corrects this display error.

Any DSPbR units operating under version 5.3.2 (or later versions) should be upgraded to the version 5.3.5 at the earliest opportunity to ensure optimum system performance.

Upgrading to Firmware 5.3.5

Note: Please read all Service Bulletins published from the release of the firmware currently operating in your DSPbR prior to commencing an upgrade to this version 5.3.5 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 DSPbR.

The required intermediate firmware version transitions are;

- Firmware below version 5.2.7 must transition through version 5.2.7 prior to attempting an update to 5.2.8 or above.

Note: For older firmware versions, other transition requirements may be required in addition to those listed above.



Note: If you have any uncertainty regarding the current firmware revision installed in a DSPbR, or if you are uncertain about the current firmware status of the modules in a DSPbR, or their compatibility with an upgrade to a newer firmware revision, please contact RFI for assistance prior to commencing any firmware upgrade attempt.

Please refer to the Service Bulletin DSPbR-UPDATE for detailed instructions on the firmware upgrading process.

Cost Impact

Firmware version 5.3.5 is available to RFI customers at no charge.

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