



Amp'ed RF Technology Product Change Notes

Date: August 10, 2026

Subject: Module Shield Revision for Improved Manufacturing Yield

Effective Date: August 10, 2026

Details

The metal RF shield used on the module has been revised to improve manufacturing consistency and production yield.

The updated shield incorporates minor mechanical changes to improve assembly robustness during automated manufacturing. The RF circuitry, PCB layout, component placement, antenna design, firmware, and electrical specifications remain unchanged.

Previous Version:

- Original RF shield design

New Version:

- Updated RF shield with improved manufacturability

Impact

- No changes to RF performance
- No changes to electrical specifications
- No changes to mechanical dimensions or mounting
- No changes to firmware
- No changes to customer interface or functionality
- Form, fit, and function are unchanged
- Existing application designs require no modification

Regulatory Compliance

The RF design, antenna, matching network, and transmitter characteristics remain unchanged. This shield revision is a manufacturing improvement only and does not affect the certified RF performance of the module.

No changes have been made to:

- Operating frequency
- Output power
- Receiver sensitivity
- Antenna interface
- EMC characteristics

Existing regulatory approvals remain applicable.

Reason for Change

This change improves production yield, manufacturing consistency, and long-term product quality while maintaining identical product performance.