



February 12, 2025

Dear Sir/Madam,

Re: Request for FCC module certification for FCC ID: 2AG3JRF-2150

We hereby request a Limited Modular certification for the FCC ID referenced above.

Requirement (47CFR15.212 / KDB996369)	Comply (Y/N) – Explanation
1. The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly	Y
2. The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal	Y
3. The module must contain power supply regulation on the module	Y
4. The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	Y – Complies using reverse polarity TNC connectors on the host, or by the antennas being totally enclosed by the housing of the host (as in the Sector Antenna case)
5. The module must demonstrate compliance in a stand-alone configuration	N – Tested and used only in specific hosts *
6. The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748)	Y
7. The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee	Y
8. The module must comply with RF exposure requirements	Y

* This module is to be marketed and used only in the following 3 hosts in which it was tested:

- 1) MPU5 Dismount Kit (WR-5100)
- 2) Aircraft Kit (WR-AIR-SYS-1-02)
- 3) S-Band Integrated Sector Antenna (WR-INT-ANT-SYS-01)

These hosts are also manufactured by Persistent Systems LLC, and the radio module will be installed in the host only by professional installers.

Sincerely,

Martin Taylor, Agent for Persistent Systems LLC
RF/EMC Engineer