

Modular Transmitter Approval

To whom it may concern

The following information is being provided per the requirements of 15.212 regarding modular approval of Part 15 devices.

The device is a complete RF module with an integral reference oscillator.

External connectors are provided for power and data communication.

The following numbered items correspond to similarly numbered paragraphs in 15.212. Each time is a response to the requirements of that document.

1. The module has integral RF shielding to isolate it from surrounding equipment and the larger environment in general.
2. All inputs are processed as data by the on-board microcontroller. The outside user has no direct control of transmit modulation.
3. There is a 1.8V voltage regulator on board that powers the radio transceiver. The power amplifier supply is monitored by the microcontroller and part will be damaged (transmission disabled) if the source voltage is greater than 3.8V.
4. An integral PCB - trace antenna is used with this module. This is in accordance with Part 15.203.
5. The module was tested in a stand-alone configuration and found to be compliant with Part 15 regulations.
6. An FCC ID label is affixed to each unit at the time of manufacture. Information is also clearly presented in the user guide about labeling requirements for the final assembly.
7. This unit is compliant with Part 15.247. Installation and other requirements are presented in the user guide to allow the unit to be correctly installed.
8. The unit is compliant with the RF exposure requirements of Parts 15.247 and 2.1091.

Sincerely,



David Wilde
Principal Engineer
Date: February 22, 2021