



Re: Modular Transmitter Approval
FCC ID: 2AAP5-NODERFV30

To Whom It May Concern,

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

This transceiver is a complete RF module with an integral reference oscillator.

External connections are provided for power and data communication.

The following numbered items correspond to similarly numbered paragraphs in 15.212. Each item 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 2.8V voltage regulator on board that powers the entire module. Specifically, the microcontroller, radio transceiver, and the Front-end Module (FEM) all use the 2.8V regulated supply.
- 4) An integral PCB – trace antenna is normally used with this module and an external Laird Dipole WXE2400 antenna (Gain = 3.0 dBi) may also be used with this module. The placement of a Zero Ohm jumper is used to select which antenna is used. 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.

Further information may be obtained from **Rain Bird Corporation**.

Sincerely,

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