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Re: Modular Transmitter Approval
FCC ID: **W7Z-FSTARPRO**
IC ID: **8254A-FSTARPRO**

Gentlemen,

The following information is being provided per the requirements of DA00-1407 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 DA00-1407. 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 1.8V voltage regulator on board that powers the radio transceiver. The power amplifier supply is monitored by the microcontroller and transmission is disabled if the source voltage is greater than 3.6V.
- 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 2, 2.1091, and 2.1093.

Further information may be obtained from **California Eastern Laboratories**.

Sincerely,

A handwritten signature in black ink, appearing to read "Jaime R.", is written over a light blue horizontal line.

Jaime Tenedorio, Ph.D.
Vice President and Chief Technology Officer
408-919-2500