

## **Pegasus Technologies Inc.**

108 Pawnook Farm Road  
Lenoir City, TN 37771

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Re: modular transmitter approval

Gentlemen:

Public Notice DA00-1407 regarding Part 15 unlicensed modular transmitters requires that the following information be addressed.

The transmitter module is a complete RF transmitter containing its own reference oscillator.

The connections available on the module are for power, data and antenna. Below please find information, addressing each paragraph from DA00-1407, requested about the unit.

- 1.) The unit has its own RF shield to prevent coupling between the RF circuitry of the module and any wires or circuits in the device into which the module is installed. Please see the included photographs.
- 2.) The unit buffers all input signals through its digital logic.
- 3.) The unit has power regulation incorporated in the circuitry to ensure continued compliance regardless of the design of the power supplying circuitry.
- 4.) The unit utilizes a Hirose H.FL connector and stated for use with approved antennas only. This fulfills the requirements of 15.203.
- 5.) The module was tested in a stand-alone configuration. The module complies with part 15 emissions limits regardless of the device into which it is eventually installed.
- 6.) The module has the FCC ID number permanently affixed to the printed circuit board and information supplied to the end user regarding label placement on the outside of the device into which the module is contained. This information is clearly defined in the user manual.
- 7.) The unit complies with part 15.247 as stated in the user manual. Adequate instructions are supplied with the unit to explain the requirements.
- 8.) The unit complies with the RF exposure requirements as stated in 2.1091, 2.1093, and part 15.

Should you require any further information, please contact the undersigned. Thank you for your consideration in this matter.

Sincerely,  
Jim Pearce

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