



Sept 12, 2011

Re: Modular low power transmitter certification

Equipment FCC ID: O6R1823

FCC Rules: Part 2 and 15.249 (Modular Transmitter)

To whom it may concern,

As requested in the Public Notice DA00-1407 regarding Part 15 unlicensed modular transmitter approval, the following information has been addressed. The transmitter module is a complete RF transmitter containing its own reference oscillator, antenna etc. The connections available on the module are for power and data interface only. Below please find information, addressing each paragraph from DA00-1407, requested about the unit.

- 1.) The unit has shield effectively preventing coupling between the RF circuitry of the module and any wires or circuits in the device into which the module is installed. Photographs of the unit are included in an exhibit with the application.
- 2.) The unit incorporates a buffer stage on the inputs to limit over-modulation.
- 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 unique antenna and complies with the antenna connection requirements of 15.203.
- 5.) The module was tested in a stand-alone configuration utilizing a test fixture for interface allowing for testing. 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 equipment and information supplied to the end OEM regarding label placement on the exterior of the device into which the module is contained.
- 7.) The unit complies with CFR47 regulations 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.

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