



Sept 9th, 2016

**Re: Modular low power transmitter certification**

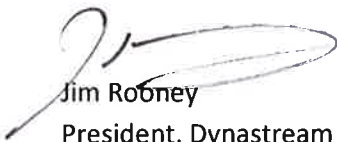
Equipment FCC ID: O6R3153

FCC Rules: Part 2 and 15.249 (Modular Transmitter)

To whom it may concern,

As requested in "KDB 996369 D01 Module Equip Auth Guide v02" 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 KDB 996369 D01 Module Equip Auth Guide v02, Section III. a), requested about the module.

- 1.) The module 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 module incorporates a buffer stage on the inputs to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.
- 3.) The module has power regulation incorporated in the circuitry to ensure continued compliance regardless of the design of the power supplying circuitry.
- 4.) The module integrates a PCB trace 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 laser-marked 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 module complies with CFR47 regulations as stated in the user manual. Adequate instructions are supplied with the module to explain the requirements.
- 8.) The module complies with the RF exposure requirements as stated in part 15.



Jim Robney

President, Dynastream Innovations Inc.

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