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September 1, 2010

Request for a modular approval - FCC ID: UYI-RFDANT

Dear Application Examiner,

The product to be approved under FCC ID: UYI-RFDANT for FCC authorization is to be for a modular approval. The requirements of FCC 15.212 are met.

The following requirements are fulfilled:

1. The modular transmitter must have its own RF shielding

The radio portion of the module is contained in its own RF shielding. See the attached photos.

2. The modular transmitter must have buffered modulation/data inputs

The transmitters inputs are buffered through an in-line microcontroller.

3. The modular transmitter must have its own power supply regulation

The EUT has its own 1.8V regulator.

4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c

The antenna is a copper circuit board trace permanently etched on to the EUT circuit board.

5. The modular transmitter must be tested in a stand-alone configuration

The EUT was tested with the support equipment being 10 centimeters away, which meets the minimum separation distance required for the EUT per 15.212 (1)(v).

6. The modular transmitter must be labeled with its own FCC ID number

The EUT will be labeled with its own FCC ID number. If the module is installed inside of an end product, the label will not be visible. Instructions will be given to the installer on how to correctly label the product the EUT will be going in.

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.

The EUT is compliant with all applicable FCC rules. Detail instructions are given in the Users Guide.



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8. The modular transmitter must comply with any applicable RF exposure requirements.

The EUT meets the requirements of FCC section 15.249 which even if the EUT transmitted at the maximum allowed field strength (50,000 uV/m), the equivalent e.i.r.p would be 0.75 mW.

Please contact me at 949-610-0008 if you have any additional questions.

Best Regards

A handwritten signature in black ink, appearing to read 'Armen Kazanchian'.

Armen Kazanchian
President
RF Digital Corporation