



114 OLINDA DRIVE • BREA, CALIFORNIA 92823 • (714) 579-0500 • FAX (714) 579-1850

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**August 13, 2009**

**Request for a modular approval - FCC ID: UYI24**

Dear Application Examiner,

The product to be approved under FCC ID: UYI24 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 external 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 permanently soldered to the EUT.

**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

Armen Kazanchian  
President  
RF Digital Corporation