

April 7, 2015

CETCB  
114 Olinda Drive  
Brea, CA 92823

**RE: Request for a modular approval**

Dear Application Examiner,

The Linx Technologies module Models: HUM-900-RC-CAS, HUM-900-RC-UFL, HUM-900-PRO-CAS and HUM-900-PRO-UFL (FCC ID:OJM900MCA) is seeking FCC authorization as a modular transmitter. The requirements of FCC 15.212 are met. The following requirements are fulfilled:

**1. The modular transmitter must have its own RF shielding**

All electronics, including 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**

There is a microprocessor on the board that collects the information from the digital data collection module and sends this stream to the RF transmitter.

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

This module includes its own voltage regulator which powers all RF circuitry including the radio transmitter.

**4. The modular transmitter must comply with the antenna requirements of Section 15.203**

The antenna connector is an SMT U.FL connector which is considered a "non standard" antenna connector.

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

The EUT was tested in a stand-alone configuration using a specially designed circuit card to physically isolate the module from the control electronics.

**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. In this case the OEM customer will be instructed to how to apply the exterior label.

**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. Detailed instructions are given in the Users Guide.

**8. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.**

Instructions are given in the installation manual for compliance to the RF exposure requirements.

If you have any further questions or need additional information, please feel free to give me a call at (541) 472-3709

Sincerely,



Shawn Hogan  
VP of Engineering