

12-03-2002

***Request for a modular approval - FCC ID: P4U-VRTXM***

Dear Application Examiner,

The Kar-Tech, Inc. Versa Remote Transmitter Module Model: VRTXM is seeking FCC authorization as a modular transmitter. The requirement of the FCC Public notice DA00-1407 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**

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

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

The board used in this module includes its own 5 volt regulator regulating the power for the entire board so regulation is not a problem.

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

The antenna is a reverse polarity SMA connector. The antenna will be provided with each module.

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

The EUT was tested in a stand-alone configuration. Only a DC Power supply to provide power and three buttons were wired to the module so that the low, middle, and high channel could be locked in. (Yellow Button = Low Channel, Red Button = Middle Channel, Green Button = High Channel).

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