

Single Modular approval Declaration letter

We, KAR-TECH, INC. apply single modular approval for

Product Name: Modular transceiver

Model: MOD190

FCC ID: P4U-MOD190

According to 996369 D01 Module Equip Auth Guide v02 and 15.212 requirements:

1) The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly;

Answer : Yes ; The module has integral RF shielding to isolate it from surrounding equipment and the larger of transmit modulation.

2) The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;

Answer : Yes ; All inputs are processed as data by the on-board microcontroller. The outside host has no direct control of transmit modulation.

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

Answer : Yes ; the operating range of the module is 1.8 to 3.6VDC. The output power and the frequency are relatively invariant to supply voltage. This is implemented by internal DC-DC converter and brownout detector.

4) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);

Answer: Yes , the equipment uses non standard reversed polarity external antenna port

(5) The module must demonstrate compliance in a stand-alone configuration;

Answer : Yes, The distance between modular and AE is longer than 10cm , The module tested in a stand-alone configuration.

(6) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements);

Answer : Yes ; The modular has a permanent fixed label, and below statement was listed in the User Manual; The host device must be labeled to display the FCC ID of the module Contains FCC ID: P4U-MOD190

(7) The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;

Answer : Yes ; The module complies with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee, Refer to test report and user manual .

(8)The module must comply with RF exposure requirements

Answer : Yes ; Transmitter meets MPE calculation of 47 CFR 1.1307 . Refer to RF exposure letter and Refer to modular installation manual

Kar-Tech, Inc.

A handwritten signature in black ink, appearing to read "Hassan Karbassi", written over a horizontal line.

Hassan Karbassi / President