

Federal Communications Commission  
 Equipment Authorization Division  
 7435 Oakland Mills Road  
 Columbia, MD 21046  
 USA

Date:

**Subject: Modular Transmitter Application**

**Company name: Kar-Tech, Inc.**

**FCC ID: P4U-MCT247**

Dear Sir/Madam,

This letter includes the FCC application requirements for Modular Transmitter Approval Request for:-

FCC KDB 996369 D01 'Module Certification Guide v02; and  
 FCC KDB 996369 D03 OEM Manual v01

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v02'. FCC ID P4U-MCT247 has been examined against the following requirements.

<b>Requirement per 15.212 and KDB 996369 D01</b>	<b>Explanation from Grantee</b> (do not write yes/no, but explain why product complies/how it is achieved)
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.	All parts are shielded.
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.	All included in the RF IC
The module must contain power supply regulation on the module.	It includes necessary caps and filters
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 §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).	Antenna permanently attached.
The module must demonstrate compliance in a stand-alone configuration.	Tested for compliance.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	The label is fixed on the shield
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	Voltage rating, frequency bands, number of channels, and power ratings is maintained by our host.
The module must comply with RF exposure requirements	Tested for compliance.

## Integration Instructions for host product manufacturers

The following items are submitted in support of application for Modular Transmitter FCC ID as noted above as required by the FCC KDB 996369 D03 OEM Manual v01.

These items are provided as integration instructions for host product manufacturers (e.g., OEM instruction manual) to use when integrating a module in a host product.

Any requirements that are not applicable to the Module are as indicated below.

Summary of requirements and Checklist. Refer to the KDB for description of the complete requirements;

KDB Ref Sect	Requirements of KDB 996369 D03	User Manual Page Number reference
2.2	List of applicable FCC rules	PAGE12
2.3	Summarize the specific operational use conditions	PAGE12
2.4	Limited module procedures	PAGE12
2.5	Trace antenna designs	PAGE12
2.6	RF exposure considerations	PAGE12
2.7	Antennas	PAGE12
2.8	Label and compliance information	PAGE12
2.9	Information on test modes and additional testing requirements	PAGE12
2.10	Additional testing, Part 15 Subpart B disclaimer	PAGE12

**Name:** Hassan Karbassi

**Date:** 7/28/2020

**Title:** President

**Signature of applicant**

