

Meruti Design Inc.

**Modular Transmitter Approval Request**

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

**Company name:** Meruti Design Inc.  
**FCC ID:** 2BD7VMQM711

Gentlemen,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Certification Guide v02. FCC ID: **2BD7VMQM711** has been examined against the following requirements.

Items to be covered by Single modular transmitters.

<b>Requirement per 15.212 and KDB 996369 D01 'Modular Certification Guide v02</b>	<b>Explanation from Grantee</b> (do not write yes/no, but explain why product complies/how it is achieved)
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	The module has its own RF shielding.
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	The modular has buffered data inputs, it is integrated in chip
3. The module must contain power supply regulation on the module	The modular has power supply regulation
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)	Antenna is independent fixed In addition, The module also is equipped with specified external antenna described in this filing and the antenna connector fulfills the 15.203 requirements.
5. The module must demonstrate compliance in a stand-alone configuration	All power lines derived from the host device are regulated before energizing other circuits internal
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)	The label is independent fixed
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	Compliant with all applicable FCC rules. Detail instructions are given in the User's Manual
8. The module must comply with RF exposure requirements	Approved to comply with the applicable RF exposure requirement, please see the MPE evaluation

**Name:** Libo He

**Date:** 2024-03-22

**Title:** Manager

**Signature of applicant:** Libo He