
RE FCC ID:2AJMTLOPY1R

To the certification reviewer:

We are hereby applying for full modular approval of the above-referenced FCC ID, based on compliance with most of the criteria as detailed below.

Sincerely,



Signature:

Name: Daniel Campora

Title: CTO

Part 15 Unlicensed Single Modular Transmitter Approval Justification per 15.212

Requirement per 15.212	reference
(i) The radio elements of the modular transmitter must have their own RF shielding.	The device is equipped with 2 RF shields, one for the WiFi/Bluetooth system and another for the LoRa system.
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	All modulation and data inputs are buffered by circuitry on the transmitter chip.
(iii) The modular transmitter must have its own power supply regulation.	Power supply regulation is provided by circuitry on the transmitter chip.
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).	The antenna employs a unique antenna coupler. The WiFi/Bluetooth antenna is connected to the transmitter via a matching circuit that achieves a continuous 50ohm impedance. The same is also done on the the u.fl connector for the LoRa antenna.
(v) The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with Part 15 parameters.	This modular is tested under stand-alone configuration. Please refer to Test setup photo.
(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. If the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	The modular transmitter is labeled with its own FCC ID number. Please refer to label sample and label location.

(vii)	The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.	The modular complies with this requirement. Please refer to user manual.
(viii)	The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	The device complies with this requirement. Please refer to RF exposure report.