

FCC ID: 2AIZ9-RF0119

To the certification reviewer:

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



Sincerely,
Michael Weppner
Regulatory Approval Manager

Part 15 Unlicensed Limited Modular approval Transmitter Approval Justification per § 15.212

Requirement per § 15.212	Reference
(1) The radio elements of the modular transmitter must have their own RF shielding.	RF parts are covered with shield housing (see photos RF module TCU 200)
(2) 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.
(3) The modular transmitter must have its own power supply regulation.	Power supply regulation is provided by circuitry on the RF module (see schematics RF module TCU 200)
(4) The modular transmitter must comply with the antenna and transmission system requirements of § 15.203, § 15.204(b) and § 15.204(c).	The used antenna is a PCB antenna, which is not serviceable and can not be replaced by the user.
(5) 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.	As shown in the test setup photos, testing was performed with the RF module alone, i.e. without installation inside another device.
(6) 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.	A label is attached on the outside of the device into which the module is installed, showing the FCC identifier of the module.

Requirement per § 15.212	Reference
(7) 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 module is compliant with all applicable FCC rules. Compliance requirements are stated in the user manual exhibit.
(8) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Compliance with RF exposure requirements is addressed in RF exposure report.