

RE FCC ID: 2AC23WF7E

To the certification reviewer:

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

Sincerely,



Hui Guan

Senior Engineer

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.	Yes. Shielding is provided by a metal cover over the circuitry and by a ground plane on the bottom. The holes in the shield is significantly smaller than the wavelength of the radiation that is being blocked.
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	Yes. The modular data inputs are buffered through log or microcontroller connections. All modulation and data inputs are buffered by circuitry on the transmitter chip.
(iii) The modular transmitter must have its own power supply regulation.	Yes. 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).	Yes The modular with permanently antenna. The antenna is integral 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.	Yes. The modular during testing with a USB adapter power supply and the distance is greater than 10cm between modular and supporting equipment.
(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.	Yes.

(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.	Yes. Please refer to the modular installation manual.
(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Yes.