

Applicant:	Hefei Hualing Co., Ltd.		
FCC ID:	2BPVSMBL7238		
Section 15.212 Modular Transmitters			
Request for Single Modular Approval	Yes	Request for Limited Modular Approval	No
SL. No	Requirement	EUT Condition	Comply (Yes/No)
1	The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.	The module has its own RF shielding.	Yes
2	The modular transmitter shall have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.	All modulation and data input(s) are buffered. The EUT has buffered data inputs, it is integrated on IC chip.	Yes
3	The modular transmitter shall have its own power supply regulation on the module.	Have its own power supply regulation. Instructions in Installation Manual.	Yes
4	The modular transmitter shall comply with the provisions for external power amplifiers and antennas detailed in this standard. The Equipment certification submission shall contain a detailed description of the configuration of all antennas that will be used with the module.	The EUT meets the FCC antenna Requirements. 2.51dBi@2400-2480MHz	Yes
5	The modular transmitter must be tested in a stand-alone configuration, ie., the module must not be inside another device during testing for compliance with part 15 requirements. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in §15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see §15.27(a)). The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimeters to ensure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available (see §15.31 (i))	The modular transmitter has been performed the testing in a stand-alone configuration.	Yes

6	The modular transmitter shall comply with the Category I equipment labelling requirements.	The manual provides instructions to the host manufacturer on how to label the end product.	Yes
7	The modular transmitter complies with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	The module complies with all rules applicable to transmitter.	Yes
8	The modular transmitter must comply with RF exposure requirements	Yes, it complies	Yes

A **limited modular approval** may be granted for single or split modular transmitters that do not comply with all of the above requirements, e.g., shielding, minimum signaling amplitude, buffered modulation/data inputs, or power supply regulation, if the manufacturer can demonstrate by alternative means in the application for equipment authorization that the modular transmitter meets all the applicable Part 15 requirements under the operating conditions in which the transmitter will be used. Limited modular approval also may be granted in those instances where compliance with RF exposure rules is demonstrated only for particular product configurations. The applicant for certification must state how control of the end product into which the module will be installed will be maintained such that full compliance of the end product is always ensured.

Signature: 

Name/Title: Ling Hua/ Engineer

Date: 2025.06.25