

Applicant/Grantee:		2ACOE	
FCC ID:		2ACOE-WG203	
Section 15.212 Modular Transmitters			
Request for Modular Approval	☒	Request for Limited Modular Approval	☐
Single Modular Approval Requirements			
	Requirements	EUT Conditions	Comply (Y/N)
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 modular have RF own shielding.	Y
2	The modular transmitter must have buffered modulation/data inputs (if such input are provided).	All modulation and data inputs are buffered through logic or microprocessor inputs.	Y
3	The modular transmitter must have its own power supply regulation.	A low drop out regulator is used for modular power supply regulation	Y
4	The modular transmitter must comply with the antenna and transmission system requirements of Sections 15.203, 15.204(b) and 15.204(c). The antenna must either be permanently attached or employ a “unique” antenna coupler (at all connections between the module and the antenna, including the cable). The “professional installation” provision of Section 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.	The modular has PIFA antenna is permanently attached and transmission system requirements of Sections 15.203, 15.204(b) and 15.204(c).	Y
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 requirements.	Yes, distance between modular and all AEs are longer than 10cm, refer to setup photo.	Y

	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 insure 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)).		
6	The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	The modular has a permanent fixed label, and below statement was listed in the User Manual. The host device must be labelled to display the FCC ID of the module Contains FCC ID: 2ACOE-WG203	Y
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 comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee, Refer to test report and user manual .	Y
8	The modular transmitter must comply with any applicable RF exposure requirements in its	The total power density of modular transmitter final configuration comply with FCC RF Exposure	Y

	final configuration.	requirement	
A modular approval may be granted for single or split modular transmitters that do not comply with all of the above requirements, <i>e.g.</i>, 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.			
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