Applicant/Grantee	Microchip Technology Inc.		
FCC ID:	2ADHKA093167		
Section 15.212 Modular Transmitters /			
Request for Modular Approval	X	Request for Limited Modular Approval	
	Requirements	Device Conditions	Comply (Y/N)
Single Modular Approval Requirements			
1	The radio elements must have the radio frequency circuitry shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.	This module has shielding case.	Y
2	The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with the requirements set out in the applicable RSS standard 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 the RF SiP/chip	Y
3	The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module. Requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module.	The EUT and the RF SiP (System in Package) has integrated LDOs to provide the required core voltages for the key RF sections both Transmitter and Receiver.	Y
4	The module 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.	EUT has a SMA connector. Only specific Approved External Antenna is identified for use.	N
5	The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing.	See Setup Photos	Y
6	The modular transmitter must be equipped with either a permanently affixed label.	See Label Exhibit	Y

7	The modular transmitter complies with all specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer will provide adequate instructions along with the module to explain any such requirements. A copy of these instructions is included in this application for equipment authorization:	Instructions in User Manual	Y
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF exposure compliance in accordance with Section 15.247(b)(4).	Instructions are given in the installation manual for compliance to the RF exposure requirements.	Y
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: Steve Caldwell / Vice President
Company Name: Microchip Technology Inc.
Date: 19 Dec 2019