

Applicant/Grantee		ALE International	
FCC ID:		OL3BTWDB01	IC: 1737D-BTWDB01
Section 15.212 Modular Transmitters / Section 3.2 of RSS-Gen			
Request for Full Modular Approval Approval			
	Requirement	Device Conditions	Comply (Y/N)
Single Modular Approval Requirements			
1	The radio elements must have the radio frequency circuitry must be shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.	The module has its own RF shielding.	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 chip AP6256	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 modular transmitter has its own power supply regulation in the form of a low drop-out regulator providing 3.3V supply voltage to the board independently if the board is powered by the on-board battery or an external source.	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.	It is a PCB printed Antenna	Y
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.	The modular transmitter was tested in a stand-alone configuration via a UART and SDIO 3.0 Interface.	Y
6	The module shall comply with the equipment labelling requirements.	In the exhibition OEM manual, there are Instructions given to the OEM on how to label the end product.	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
8a	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1091. 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).	the module is compliant with all applicable RF exposure requirements. Please see RF Exposure Report.	Y
8b	The module shall comply with applicable RSS-102 exposure requirements, which are based on the intended use/configurations.	the module is compliant with all applicable RF exposure requirements. Please see RF Exposure Report.	Y
9	Is the modular device for an Industry Canada licensed exempt service?		Y



Signature

Name/Title: Patrick Hauptmann / Certification Manager

Company Name: ALE International

Date: 29 July, 2021