Receiver

Federal Communication Commission
Equipment Authorization Division, Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21048

Certification and Engineering Bureau
Innovation, Science and Economic Development Canada
Spectrum Engineering Branch
3701 Carling Avenue, Building 94
Ottawa, Ontario K2H 8S2

Subject: **Modular Approval Statement**
Date: 2018-10-18

FCC Certification Number: 2AQ6KA1

Only applicable for ISED certification:

ISED Company Number:	24388	**UPN:**	A111
HVIN *(Hardware Version Identification Number)*:	A111	**PMN:** *(Product Marketing Name)*	A111
HMN: *(Host Marketing Name)*	N/A	**FVIN:** *(Firmware Version Identification Number)*	1.5.0

TO WHOM IT MAY CONCERN

Pursuant to Annex D in RSP-100 Issue 11 January 2016 and CFR § 15.212, we herewith declare for our module.

Modular approval requirement	**Yes**	**No ***
(a) 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.	x	
***Please provide a detailed explanation if the answer is "No.":**		
(b) 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 / part 15 under conditions of excessive data rates or over-modulation.	x	
***Please provide a detailed explanation if the answer is "No.":**		
(c) 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.	x	
***Please provide a detailed explanation if the answer is "No.":**		

(d) 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 highest antenna gain for each type of antenna.	x	
***Please provide a detailed explanation if the answer is "No.":**		
(e) 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.	x	
***Please provide a detailed explanation if the answer is "No.":**		
(f) The module shall comply with applicable RSS-102 exposure requirements and any applicable FCC RF exposure requirement which are based on the intended configuration/integration in a host.	x	
***Please provide a detailed explanation if the answer is "No.":**		
Only applicable for FCC certification: (g) The module must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	x	
***Please provide a detailed explanation if the answer is "No.":**		
(h) The modular transmitter complies with all applicable FCC rules. Instructions for maintaining compliance are given in the user instructions.	x	

If you have any questions, please feel free to contact us at the address shown below

Best Regards,

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INFO for applicant: LMA may be granted when **one or more** of the requirements in the table above cannot be demonstrated. LMA will also be issued in those instances where applicants can demonstrate that they will retain control over the final installation of the device, such that compliance of the end product is assured. In such cases, an operating condition on the LMA for the module must state that the module is only approved for use when installed in devices produced by a specific manufacturer.
When LMA is sought, the application for equipment certification must specifically 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.

(a) Shielded in package, ground ring of balls and continuous ground in bottom layer of package. Sensor operates on both external crystal or external reference frequency, no connection between this frequency and transmitted frequency.

(b) No modulation data inputs, radio is software controlled and delivered as a binary.

(c) On-chip power regulation included

(d) Integrated antenna permanently attached

(e) Refer to test report 'insert name'

(f) Refer to test report 'insert name'

(g) ID available in data sheet due to small form factor of device, 5.5 x 5.2 x 0.88 mm

(h) Instructions provided in data sheet 'insert name'