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ISED/FCC Modular Approval Statement

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: **January 16, 2024**

FCC Certification Number: OG3-
CIM290LPWAN

Only applicable for ISED certification:

ISED Certification Number: 10447A-
CIM290LPWAN

HVIN (Hardware Version
Identification Number): 92875973

HMN: (Host Marketing Name) N/A

PMN: (Product Marketing
Name)

CIM 290-MA
LPWAN GiC

FVIN: (Firmware Version
Identification Number)

N/A

TO WHOM IT MAY CONCERN

Pursuant to Annex D in RSP-100 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.	√	
*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.	√	
*Please provide a detailed explanation if the answer is "No.":		

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(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.	√	
*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 the applicable RSS standard as well as FCC parts §15.203, §15.204(b) and §15.204(c). The "professional installation" provision of §15.203 is not applicable to modules but can apply to limited modular approvals. The equipment certification submission shall contain i) a detailed description of the configuration of highest antenna gain for each type of antenna. ii) the maximum transmitting antenna gain for license modules iii) a detailed description of the configuration of lowest antenna gain for each type of receiving antenna for Dynamic Frequency Selection (DFS) modules with removable antenna(s)	√	
*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.	√	
*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.	√	
*Please provide a detailed explanation if the answer is "No.":		
<i>Only applicable for FCC certification:</i>		
(g) The module must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	√	
*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.	√	

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

Best Regards,



Thomas Young Olesen
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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.