



FCC Certification V9MSM4NA0

REFERENCE - Référence

Documentation for EMITECH Demand EVE-21D571
Document title: Modular-Approval-Letter FCC.docx

SM4NA0_A3801263

REVISION - Révision

1.00

Federal Communications Commission
Authorization and Evaluation Division

Victoria, British Columbia,
Canada, 3/25/2022

Subject: Acknowledgment of FCC Modular approval requirements FCC ID V9MSM4NA0

Applicant: GRAUER Logan – Project Manager – UPONOR Inc.
FCC ID: V9MSM4NA0

PMN: SM4NA0

To Whom It May Concern:

V9MSM4NA0 is the radio module used for Smatrix 4.0 North America range UPONOR System.

This system is a heating cooling system composed by temperature/humidity sensors a connecting box to drive thermal actuators and relay for fan-coil extension.

This system can be connected to cloud via V9MSM4NA1.

Radio module itself is not for sale, grant of certification for such a modular transmitter is limited to Smatrix 4.0 North America UPONOR range.

Modular Approval Requirement	Yes	No
(i) 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.		X
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.	X	
(iii) The modular transmitter must have its own power supply regulation.		X



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(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 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 § 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.	X	
(v) The modular transmitter must be tested in a stand-alone configuration		X
(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	X	
(vii) 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.	X	
(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	X	

Note for (i) (iii) and (v): the influence of the power supply and the radiation not attenuated by the shielding are checked by measuring the finished product (host)

If you have any queries, please do not hesitate to contact us.

Regards,

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