



15.212 Modular Request Letter	Subject: NFC MUX	Page 1 of 2	
Date: 2024-11-06	Version: 0	Author: JSL	

To:
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: 47 CFR 15.212 Modular Transmitters
FCC ID: 2AVDM-Ø2

Lattec I/S hereby declare that the product, FCC ID: 2AVDM-Ø2 meets the single-modular approval requirements of FCC rule part §15.212(a)(1) as shown in the table below:

Clause of FCC rule part §15.212(a)(1)	Compliant? Yes or No. Give details either way.
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.	Yes. See the external photos.
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.	Yes. Refer to the Operational Description.
iii. The modular transmitter must have its own power supply regulation.	Yes. Refer to the Operational Description.
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.	Yes. The antennas employ a unique antenna coupler and cable, refer to Operational Description.
v. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with part 15 requirements. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in § 15.207 . AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see § 15.27(a)).	Yes. Refer to the Test Report.
vi. The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	Yes. A permanently affixed label, refer to the ID Label description.

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Clause of FCC rule part §15.212(a)(1)	Compliant? Yes or No. Give details either way.
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.	Yes. Refer to the User Manual.
viii. Radio frequency devices operating under the provisions of this part are subject to the radio frequency radiation exposure requirements specified in §§ 1.1307(b) , 1.1310 , 2.1091 , and 2.1093 of this chapter , as appropriate. Applications for equipment authorization of modular transmitters under this section must contain a statement confirming compliance with these requirements. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration. Technical information showing the basis for this statement must be submitted to the Commission upon request.	Yes. The available maximum time-averaged power is no more than 1 mW, regardless of separation distance, refer to § 1.1307(b)(3)(A).

If you have any questions, please contact us.

Sincerely,

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