

May 20, 2025

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Request for Single Modular Approval

FCC ID: IA9XPD2400B

The following attestation addresses the requirements to support modular approval:

Modular approval requirement	Yes (provide brief statement)	No *
(1) The radio elements must have its own radio frequency circuitry shielded. The physical crystal and tuning capacitor(s) may be located external to the shield, but must be on the module assembly	<i>The module contains a metal shield which covers all RF components and circuitry including the frequency reference VCTCXO. The shield is located on the top of the board next to antenna connector</i>	–
(2) The module must have buffered modulation/data inputs (if provided) to ensure that the device will comply with FCC requirements under conditions of excessive data rates or over-modulation.	<i>Data rate and modulation are controlled by MCU on the modular transmitter. Data rate and modulation cannot be exceeded by applying excessive voltages to the transmitter inputs.</i>	–
(3) The module must contain its own power supply regulation on the module. This is intended to ensure that the module will comply with FCC requirements regardless of the design of the power supplying circuitry in the device into which the module is installed.	<i>The module contains its own power supply regulation. Please refer to schematic filed with this application</i>	–
(4) The module must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b), 15.204(c), 15.212(a), and 2.929(b). 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 15.212(b). 15.212(a)(1)(iv)	<i>The module connects to its antenna using an UFL connector which is considered a non-standard connector. A list of antennas tested and approved with this device may be found in user’s manual provided with the application</i>	–
(5) The module must demonstrate compliance in a stand-alone configuration, the module must not be inside another device during testing. This is intended to demonstrate that the module can comply with Part 15 emission limits regardless of the device into which it is eventually installed.	<i>The module was tested stand-alone as shown in test setup photographs filed with this application</i>	–
(6) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	<i>There is a label on the module as shown in the labelling exhibit filed with this application. Host specific labelling instructions are shown in the user manual filed with this application.</i>	–
(7) The module must comply with all specific rule or operating requirements applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee. A copy of these instructions must be included in the application for equipment authorization.	<i>The module complies with FCC Part 15C requirements. The host system description has been created and provides adequate instructions required to integrate module into the host system and operate it within applicable rules.</i>	–

(8) The module must comply with any applicable RF exposure requirements	<i>The module meets Portable exclusion levels as shown in the RF exposure information filed with this application.</i>	–
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Sincerely,

Signed by:



Signature

David Trinh

Print name

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Title

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