

Micro-Star Int'l Co.,Ltd.

No.69, Lide St., Zhonghe Dist., New Taipei City 235, Taiwan

Declaration of the Modular Approval

Applicant / Grantee	I4L
FCC ID:	I4LXP01N
Model:	PN7150

The single module transmitter has been evaluated then tested meeting the requirements under Part 15C Section 2.12 as below:

Modular approval requirement	EUT Condition	Comply
(a) 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.	This module not a metal sheet to shield the radio elements.	NO
(b) 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.	This module uses PN7150 as buffered modulation/data input.	YES
(c) The modular transmitter must have its own power supply regulation.	This module uses PN7150 as the main chip, the chip itself has the function of power supply regulation.	YES
(d) The modular transmitter must comply with the antenna and transmission system requirements of Sections 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 Section 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.	The antenna brand matched with this module, VSO / 881-021-00000018 / Loop Antenna) and apply together, and meet the relevant requirements.	YES
(e) The modular transmitter must be tested in a stand-alone configuration, <i>i.e.</i> , the module must not be inside another device during testing for compliance with part 15 requirements. Unless	inside another device	NO

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<p>the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in Section 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 Section 15.27(a)). The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available (see Section 15.31(i)) must not be inside another device during testing.</p>		
<p>(f) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.</p>	<p>After the module has obtained the certification, it will mark the FCC identification number on the module body according to the regulations.</p>	<p>YES</p>
<p>(g) 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 requirements, which are based on the intended use/configurations.</p>	<p>This module is for general radio use, and our company has provided all necessary information in the manual to guide the user/installer for correct installation and operation.</p>	<p>YES</p>
<p>(h) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.</p>	<p>The modular transmitter complies with any applicable RF exposure requirements in its final configuration.</p>	<p>YES</p>

Date: 6/15/2023

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