



FCC Letter for Modular Approval

Date: October 24, 2022

Request for Transmitter Modular Approval

Model: NJR4652F2S1, NJR4652F2S2

FCC ID: 2ACUJR4652

The modular transmitter complies with the following requirements in FCC Part 15 Section 15.212 for Modular Approval:

Transmitter Module Characteristics:

		Requirement	Comment
1.	Yes	The radio element of the modular transmitter must have its own shielding.	The transmitter is covered metal shielding with the GND layer of the board and BGA.
2.	N/A	The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	Due to a nature of the module, any buffer function is not necessary. There are NOT wireless data-communication function on the module. Wired Data port (Digital I/F) is for device-setting or RX-detective signal.
3.	Yes	The modular transmitter must have its own power supply regulation.	Power supply regulation are achieved by two regulators IC for RF block. One of regulator is +3.3V-output, other regulator is +1.8V-output for RF block.
4.	Yes	The modular transmitter must comply with the antenna requirements of FCC 15.203 and 15.204(c).	Antenna requirements are achieved by an integrated patch antenna structure on the RF-IC.



5.	Yes	The modular transmitter must be tested in a stand-alone configuration, i.e. the module must not be inside another device during testing.	This modular transmitter was tested in a stand-alone configuration. For more details, refer to the submitted test report.
6.	Yes	The modular transmitter must be labeled with its own FCC ID. If the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	<p>This modular transmitter is wrote direct on the surefface of module by laser marking with its own FCC ID.</p> <p>As it is not visible when the module is installed into a host device, a label of the host device will bear the wording "Contains FCC ID: 2ACUJR4652" with one line.</p>
7.	Yes	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.	This modular transmitter is compliant with all applicable FCC rules. Detailed instructions are given in the submitted user manual.



QA Section Quality Assurance Department, Microwave Business Headquarters
2-1-1 Fukuoka, Fujimino City, Saitama 356-8510, Japan
Phone. +81-49-278-1472 Fax. +81-49-266-6037

8.	Yes	The modular transmitter must comply with any applicable RF exposure requirements.	The modular transmitter complies with RF exposure requirements. Refer to the RF exposure statement for details.
----	-----	---	--

By:


(Signature)

Yuji Kita

(Print Name)

Title:

QA General Manager