

Cover Letter-Modular Approval

FCC ID: 2AEMX RX23W8DLN

Date: March 2, 2021

Gentlemen:

There's a R5F523W8CDLN/R5F523W8DDLN like to have your authorization as a modular approval. The specific product as below, R5F523W8CDLN/R5F523W8DDLN with its designed features and specified description, meets special requirements for Limit modular approval on FCC KDB996369 by cross-reference list below.

Company	Renesas Electronics Corporation
Model Name	R5F523W8CDLN/R5F523W8DDLN
Model Number	R5F523W8CDLN/R5F523W8DDLN
FCC ID	2AEMX RX23W8DLN

Requirement of FCC KDB996369	Comply (N)
1. The modular transmitter must have its own RF shielding.	Y The EUT is sputter shielded except for the antenna area. Please see the external and internal photos.
2. 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.	Y The EUT has its buffered modulation. Please see the BLE block diagram in Figure 41.1 of the User's Manual. The link layer in the block diagram has a buffer function.
3. The modular transmitter must have its own power supply regulation.	Y The EUT has its own power supply regulation. Please see the section 41.5.1 of the User's Manual.
4. 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.	Y The EUT is a non-removable built-in antenna only. Please see the section 41.4.3 of the User's Manual.
5. The modular transmitter must be tested in a stand-alone configuration, i.e., the	Y The EUT was tested with a test board. Please

module must not be inside another device during testing.	see test report and setup photo.
6. The modular transmitter must be labeled with its own FCC ID number, and, 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. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: 2AEMX RX23W8DLN" or "Contains FCC ID: 2AEMX RX23W8DLN" Any similar wording that expresses the same meaning may be used. The Grantee may either provide such a label, an example of which must be included in the application for equipment authorization, or, must provide adequate instructions along with the module which explain this requirement. In the latter case, a copy of these instructions must be included in the application for equipment authorization.	N Since this module is too small to place label, out of the device into which the module is installed will have "Contains FCC ID: 2AEMX RX23W8DLN".
7. The modular transmitter must comply with any specific rule or operating requirements applicable to the 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.	Y The EUT is compliant with all applicable FCC rules. Details instructions for maintaining compliance are give in the User Manual.
8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section 15.247(b)(4).	Y The EUT complies with RF exposure requirement.

Thank you.
Sincerely,

Print Name:

Kazuo Tashiro

Title:

IoT Platform Business Division

Signature:



On behalf of Company:

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