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Applicant		Murata Manufacturing Co., Ltd.						
FCC ID:		VPYLB1SJ						
Section 15.212 Modular Transmitters								
Request for Modular Approval 🛛 Request for Limited Modular Approval								
Requirements			ts	EUT Conditions	Comply(Y/N)			
Single Modular Approval Requirements								
1	transmitter r The physical	must have their crystal and tu ated external t	the modular own shielding. ning capacitors to the shielded	Refer to external photos. This module has shield cover.	Y			
2	buffered mo inputs are p module wi requirement	odulation/data provided) to e Il comply v	conditions of	All inputs to the modules are buffered through logic or microprocessor inputs. Refer to Schematics.	Y			
3		ar transmitte wer supply re	er must have gulation.	The Module uses the chip STM32L072 with built-in power management components, the module rated power is 3.3V power, Refer to schematics.	Y			
4	with the ant requirement 15.204(c). To permanently "unique" connections antenna, in "professional §15.203 is not an apply to the source of the	enna and trans s of §§15.203, the antenna no antenna coubetween the recluding the linstallation.	must comply mission system 15.204(b) and nust either be or employ a pler (at all module and the cable). The provision of to modules but dular approvals section.	The modular transmitter has a PCB antenna/FPC antenna with IPEX connector arrangement for LoRa, Refer to External photo.	Y			

5 The modular transmitter must be The modular transmitter tested in a stand-alone configuration, is connected to the controlled board when i.e., the module must not be inside another device during testing for testing. compliance with Please refer to setup part requirements. Unless the transmitter photo. 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 module must not contain the ferrites, unless they will be marketed with the module (see §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, support equipment connected to the module during testing shall be unmodified and commercially available (see §15.31(i)). 6 Refer to the label. Υ If using a permanently affixed label, the modular transmitter must be labeled with its own FCC identification number, and, if the FCC identification number 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: VPYLB1SJ"Any similarwording 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.		
7	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.	Refer to manual	Y
8	The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	The EUT meets RF exposure evaluation § 2.1091, If the device built into a host as a portable usage, the additional RF exposure evaluation may be required as specified by§ 2.1093	Υ

Sincerely,

Signature:

Typed or Printed Name: Takahiro Watanabe

J. Wastawala

Title: Senior Manager