

Applicant/Grantee		HOKUBU Communication & Industrial Co.,Ltd.				
FCC	: ID:	2AGF8-TXMEPA				
Section 15.212 Modular Transmitters						
Requ	uest for Modular		est for Limited Modular Approval			
V51/48421244		Requirements	EUT Conditions	Comply (Y/N)		
			Approval Requirements	T = -		
1.	have their own s	nts of the modular transmitter muthielding. The physical crystal and s may be located external to the ements.	With the control of t	Y		
2	modulation/data to ensure that the	insmitter must have buffered inputs (if such inputs are provide module will comply with Part 1 der conditions of excessive data dulation.		Y		
3	The modular transupply regulation	nsmitter must have its own power n.	The modular transmitter has its own power regulator in LSI-internal (Parts No.: IC1, IC2). And has an Over Voltage Limiter Diode (ZD3).	Y		
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.		The modular transmitter has U.FL antenna connector (pre-production) which is inaccessible by user. And in mass-production, no U.FL parts to be populated. Please refer to "External photos" exhibit.	Y		
5	alone configuratinside another de with Part 15 required module will be build with the AC line Section 15.207. AC or DC power connected to the unless they will Section 15.27(a) The length of the of actual use or, 10 centimeters to between the case equipment. Any accessories	nsmitter must be tested in a stand ion, <i>i.e.</i> , the module must not be evice during testing for compliance uirements. Unless the transmitter pattery powered, it must comply a conducted requirements found in a r lines and data input/output lines a module must not contain ferrites be marketed with the module (see a). ese lines shall be the length typical if that length is unknown, at least to insure that there is no coupling the of the module and supporting a peripherals, or support equipment a module during testing shall be	stand-alone configuration. Please refer to "Test Setup photos" exhibit.	Y		

	unmodified and commercially available (see Section 15.31(i)).		
6	The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. (A) 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: XYZMODEL1" or "Contains FCC ID: XYZMODEL1." 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.	Please refer to "Label information" exhibit for the label affixed to the modular transmitter. Instruction on how to label the end product in case that FCC ID is not visible when the module is installed into the host is provided in "User manual" exhibit.	Y
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.	The modular transmitter is compliant with all applicable FCC rules. Detailed instructions for maintaining compliance are provided in "User manual" exhibit.	Y
8	The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Not applicable	N/A

A **limited modular approval** may be granted for single or split modular transmitters that do not comply with all of the above requirements, *e.g.*, shielding, minimum signaling amplitude, buffered modulation/data inputs, or power supply regulation, if the manufacturer can demonstrate by alternative means in the application for equipment authorization that the modular transmitter meets all the applicable Part 15 requirements under the operating conditions in which the transmitter will be used. Limited modular approval also may be granted in those instances where compliance with RF exposure rules is demonstrated only for particular product configurations. The applicant for certification must state how control of the end product into which the module will be installed will be maintained such that full compliance of the end product is always ensured.

Sincerely,

Division Manager

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