Applicar	Applicant/Grantee Quectel Wireless Solutions Company Limited / XMR					
	FCC ID: XMR201905AG35NA					
Section 15.212 Modular Transmitters						
Request	for Modular Approval 🛛 Requ	est for Limited Modular Approval				
1 1 2 3 3 3	Requirements	EUT Conditions	Comply (Y/N)			
		Approval Requirements				
1	The radio elements of the modular	The radio portion of this module is	Y			
_	transmitter must have their own	shielded, please see exhibition external				
	shielding. The physical crystal and	photos.				
	tuning capacitors may be located					
	external to the shielded radio elements.					
2	The modular transmitter must have	The module has buffer modulation/data	Y			
	buffered modulation/data inputs (if such	inputs.				
	inputs are provided) to ensure that the					
	module will comply with Part 15					
	requirements under conditions of					
	excessive data rates or over-modulation.					
3	The modular transmitter must have its	The module has its own power supply	Y			
	own power supply regulation.	regulation. Please see the schem.pdf				
4	The modular transmitter must comply	The requirements of antenna connector	Y			
	with the antenna and transmission	and spurious emission have been				
	system requirements of Sections 15.203,	fulfilled. Please refer to the Test Report				
	15.204(b) and 15.204(c). The antenna	exhibition.				
	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.					
5	The modular transmitter must be tested	Please refer to the Setup Photo	Y			
	in a stand-alone configuration, <i>i.e.</i> , the	exhibition for the stand-alone test				
	module must not be inside another	configuration.				
	device during testing for compliance					
	with Part 15 requirements. Unless 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))		
6	(see Section 15.31(i)). 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. (B) If the modular transmitter uses an electronic display of the FCC identification number, the information must be readily accessible and visible on the modular transmitter or on the device in which it is installed. If the module is installed must display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains FCC certified transmitter module(s)." Any similar wording that expresses the same meaning may be used. The user manual must include instructions on how to access the electronic display. A copy of these instructions must be included in the application for	The Module will be labeled with its own FCC ID, and the instruction on the labeling rule of the end product has been stated in the User Manual of this module. Please refer to the Label and User Manual exhibition.	Y
7	The modular transmitter must comply with any specific rules or operating	The required FCC rule has been fulfilled and all the instructions for maintaining	Y
	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.	compliance have been clearly stated in the User Manual.	

1 2	Please refer exhibition RF Exposure for the compliance of MPE RF exposure	Y
requirements in its final configuration.	rule.	

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