Applicar	Applicant/Grantee Quectel Wireless Solutions Company Limited / XMR						
FCC ID:	FCC ID: XMR201905SC66MW						
Section 15.212 Modular Transmitters							
Request	Request for Modular Approval Request for Limited Modular Approval						
•	Requirements	EUT Conditions	Comply (Y/N)				
Single Modular 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	1					
	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	The modular transmitter must be	The Module will be labeled with its own	Y
	equipped with either a permanently	FCC ID, and the instruction on the	
	affixed label or must be capable of	labeling rule of the end product has been	
	electronically displaying its FCC	stated in the User Manual of this	
	identification number.	module. Please refer to the Label and	
	(A) If using a permanently affixed label, the	User Manual exhibition.	
	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 inside another device, then the outside		
	of the device into which the module is installed		
	must display a label referring to the enclosed		
	module. This exterior label can use wording such as the following:		
	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		
	equipment authorization.	The required ECC 1.1.1. Cateria	V
7	The modular transmitter must comply	The required FCC rule has been fulfilled	Y
	with any specific rules or operating	and all the instructions for maintaining	
	requirements that	compliance have been clearly stated in	
	ordinarily apply to a complete	the User Manual.	
	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.		
I	application for equipment authorization.		

8	The modular transmitter must comply	Please refer exhibition RF Exposure for	Y
	with any applicable RF exposure	the compliance of MPE RF exposure	
	requirements in its final configuration.	rule.	

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