Applicant/Grantee Broadcom Corporation									
FCC ID: QDS-BRCM1057									
Section 15.212 Modular Transmitters									
Request for Modular Approval Request for Limited Modular Approval									
		Requirements	<u>, , , , , , , , , , , , , , , , , , , </u>	EUT Conditions	Comply (Y/N)				
Single Modular Approval Requirements									
1	The radio ele	ements of the mod		Refer to external photos. Shield is over	Y				
	transmitter must have their own		the radio circuit module.						
	shielding. Th	he physical crystal	and						
	tuning capacitors may be located external to the shielded radio elements.								
2	The modular transmitter must have		nave	All inputs to the modules are buffered	Y				
	buffered modulation/data inputs (if such inputs are provided) to ensure that the		s (if such	through logic or microprocessor inputs.					
			Refer to Schematics.						
		comply with Part							
	requirements	s under conditions	of						
	excessive da	ta rates or over-mo	odulation.						
3	The modular	r transmitter must l	nave its	Internal 3.3V power regulator. Refer to	Y				
	own power s	supply regulation.		schematics.					
4	The modular	r transmitter must o	comply	Module contains a hirose connector.	Y				
	with the ante	enna and transmiss	ion	The module will go inside final product					
		irements of Section		where the antenna(s) will be integral to					
		nd 15.204(c). The a		the end product, which can be					
		be permanently atta		considered permanently attached.					
		nique" antenna cou	•						
		ons between the mo							
		including the cable							
	*	ıl installation" prov							
		03 is not applicabl							
		can apply to limit							
		rovals under parag	graph (b)						
	of this sectio		1	M 11	**				
5		r transmitter must l		Module was tested outside. Refer to test	Y				
		one configuration,		setup photos in test report.					
		t not be inside ano							
		g testing for comp							
		requirements. Unl							
		nodule will be batt	•						
		must comply with t ed requirements fo							
		.07. AC or DC pow							
		ut/output lines con							
	_	nust not contain fe							
		will be marketed w	,						
	_	Section 15.27(a)).							
		ese lines shall be th							
	_	tual use or, if that I	_						
		least 10 centimete	-						
	· ·	nere is no coupling							
		he module and sup							

	agricument Americanagaries assisted 1		
	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	Refer to label provided.	Y
	equipped with either a permanently	1	
	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 inside another device, then the outside		
	of the device into which the module is installed must display a label referring to the enclosed		
	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 equipment authorization.		
7		Refer to manual	Y
'	The modular transmitter must comply with any specific rules or operating	Keici to manual	1
	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.		
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8	The modular transmitter must comply	Refer to MPE calculation in the Test	Y
	with any applicable RF exposure	report	
	requirements in its final configuration.		

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.