Applica	Applicant/Grantee Broadcom Corporation							
FCC ID: QDS-BRCM1090								
Section 15.212 Modular Transmitters								
Request for Modular Approval Request for Limited Modular Approval								
ricquest		Requirements	Tiequ	EUT Conditions	Comply (Y/N)			
			odular /	Approval Requirements	compty (1711)			
1	The radio ele	ements of the modula		Refer to external photos. Shield is over	Y			
		nust have their own	•	the radio circuit module.				
		he physical crystal and	1					
		citors may be located						
		he shielded radio elem	ents.					
2	The modular transmitter must have		All inputs to the modules are buffered	Y				
		dulation/data inputs (i		through logic or microprocessor inputs.				
	inputs are provided) to ensure that the			Refer to Schematics.				
		comply with Part 15						
		s under conditions of						
		ta rates or over-modu	lation.					
3	The modular	r transmitter must hav	e its	Internal 3.3V and 1.8V power regulator.	Y			
	own power s	supply regulation.		Refer to schematics.				
4		r transmitter must con	nply	Module contains a hirose connector.	Y			
		enna and transmission		The module will go inside final product				
	system requi	irements of Sections 1	5.203,	where the antenna(s) will be integral to				
	-	nd 15.204(c). The ante		the end product, which can be				
	must either b	be permanently attach	ed or	considered permanently attached.				
	employ a "ui	nique" antenna couple	er (at	-				
	all connection	ons between the modu	le and					
	the antenna,	including the cable).	The					
	"professiona	l installation" provisi	on of					
		03 is not applicable to	)					
		can apply to limited						
	* *	rovals under paragrap	h (b)					
	of this section							
5	The modular	r transmitter must be t	ested	Module was tested outside. Refer to test	Y			
		one configuration, i.e.		setup photos in test report.				
		t not be inside another						
		g testing for compliar						
		requirements. Unless						
		nodule will be battery						
	-	must comply with the						
		ed requirements found						
		07. AC or DC power						
		ut/output lines connec						
		must not contain ferrit						
		will be marketed with						
	,	Section 15.27(a)). Th						
	_	ese lines shall be the le	_					
	• •	tual use or, if that leng						
		least 10 centimeters t						
		nere is no coupling be						
	the case of the	he module and suppor	tıng					

	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		
	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		
	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	The modular transmitter must comply	Refer to manual	Y
	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.		

8	The modular transmitter must comply	Refer to SAR Test report	Y
	with any applicable RF exposure		
	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.