Applica	nt/Grantee	Atheros Communio	cations In	С.				
FCC ID:		PPD- AR6103						
Section 15.212 Modular Transmitters								
Request	for Modular	Approval 🛛	Requ	est for Limited Modular Approval				
4		Requirements		EUT Conditions	Comply (Y/N)			
		Single N	Aodular A	Approval Requirements				
1	The radio ele	ements of the modul		SiP package has a full	Y			
	transmitter must have their own			Metallic coating.				
	shielding. Th	ne physical crystal ar	nd	_				
	tuning capac	itors may be located	l					
		ne shielded radio ele						
2	The modular transmitter must have			All inputs to the modules	Y			
		dulation/data inputs	·	are buffered through logic				
		ovided) to ensure the		or microprocessor inputs.				
		comply with Part 15						
		s under conditions of						
2		ta rates or over-mod			• 7			
3		transmitter must ha	ve its	The transmitter has	Y			
	own power s	supply regulation.		its own power supply				
4	The modular	transmitter must co	mply	regulator. Device complies with 15.203 &	Y			
-		enna and transmissio		15.204(c) via a permanent trace between				
		rements of Sections		SiP antenna output and the U.FL				
		ad $15.204(c)$. The ant		connector or integrated antenna.				
		be permanently attac		······				
		nique" antenna coup						
		ons between the mod						
	the antenna,	including the cable)	. The					
	"professiona	l installation" provis	sion of					
		03 is not applicable						
		can apply to limited						
		rovals under paragra	uph (b)					
	of this sectio							
5		transmitter must be		Device was tested outside	Y			
		one configuration, <i>i</i> .		the host for modular				
		t not be inside anoth		approval. Refer to setup				
		g testing for complia requirements. Unles		photos.				
		nodule will be batter						
		nust comply with the						
	1 ·	ed requirements four						
		07. AC or DC powe						
		ut/output lines conne						
	-	nust not contain ferr						
		will be marketed with	· ·					
	-	Section 15.27(a)). T						
		se lines shall be the						
		tual use or, if that ler						
		least 10 centimeters						
	insure that th	nere is no coupling b	etween					

	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		
	equipped with either a permanently	SiP package is too small to affix	
	affixed label or must be capable of	label or readable text with FCCID.	
	electronically displaying its FCC	label of readable text with FCCID.	
	identification number.	- - - - - - - - - -	
	(A) If using a permanently affixed label, the	End Integrators are instructed to	
	modular transmitter must be labeled with its own	label host device with the required	
	FCC identification number, and, if the FCC	text: Contains FCC ID: PPD-AR6103	
	identification number is not visible when the	and to instruct where to find	
	module is installed inside another device, then	the FCCID on the product.	
	the outside of the device into which the module is installed must also display a label referring to	5	
	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 copyof these instructions		
	must be included in the application for		
	equipment authorization.		Y
	The modular transmitter must comply		
7	with requirements that		
· ·	ordinarily apply to a complete	Refer to "Instuctions to OEM	
	transmitter and the manufacturer must	Integrators".	
	provide adequate in st uctions along with		
	the module to explain any such		
	requirements. A copy of these		
	instructions must be included in the		
L	1 1		

	application for equipment authorization.					
8	The modular transmitter must comply	Transmitter meets	Y			
	with any applicable RF exposure	RF Exposure requirements.				
	requirements in its final configuration.	of Refer to submitted test reports.				
		•				
A limited modular approval may be granted for single or split modular transmitters that do not comply with						
all of the above requirements, <i>e.g.</i> , 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.						