Applica	nt/Grantee	Sierra Wireless						
FCC ID		N7NEC4501						
Section 15.212 Modular Transmitters								
Request for Modular Approval Request for Limited Modular Approval								
-	1	Requirements	EUT Conditions	Comply (Y/N)				
		4	Approval Requirements					
1	The radio elem	ments of the modular		Y				
	transmitter must have their own							
	shielding. The	e physical crystal and						
	tuning capaci	tors may be located						
	external to the	e shielded radio elements.						
2	The modular	The modular transmitter must have						
	buffered modulation/data inputs (if such							
	inputs are pro	vided) to ensure that the						
	module will c	comply with Part 15						
	requirements	under conditions of						
	excessive data	a rates or over-modulation.						
3		transmitter must have its		Y				
		pply regulation.						
4		transmitter must comply		Y				
		nna and transmission						
		ements of Sections 15.203,						
		1 15.204(c). The antenna						
		e permanently attached or						
	1 2	ique" antenna coupler (at						
		is between the module and						
		ncluding the cable). The						
		installation" provision of						
		3 is not applicable to						
		can apply to limited						
		ovals under paragraph (b)						
5	of this section	transmitter must be tested		N				
3				N				
		ne configuration, <i>i.e.</i> , the not be inside another		Could not be				
		testing for compliance		tested in				
	0	requirements. Unless the		stand alone				
		odule will be battery		configuartion				
		ust comply with the AC		configuration				
	-	d requirements found in						
		7. AC or DC power lines						
		t/output lines connected to						
	-	ust not contain ferrites,						
		ill be marketed with the						
	•	Section 15.27(a)). The						
		e lines shall be the length						
	-	al use or, if that length is						
	• •	east 10 centimeters to						
		ere is no coupling between						
		e module and supporting						

	aquinment Any accessories norinherels	
	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	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	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		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, <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.					