Applicant/Grantee SANGEAN ELECTRONICS INC.								
FCC ID: BYG024								
Section 15.212 Modular Transmitters								
Request	for Modular	Approval Requ	est for Limited Modular Approval					
		Requirements	EUT Conditions	Comply (Y/N)				
Single Modular Approval Requirements								
1	The radio ele	ements of the modular	The device is not equipped with Metal	N				
	transmitter must have their own		shielding to cover RF section.					
	shielding. Th	ne physical crystal and						
		itors may be located						
	external to the shielded radio elements.							
2	The modular transmitter must have		All inputs to the device are buffered	Y				
	buffered modulation/data inputs (if such		through logic U3 inputs. Refer to					
		ovided) to ensure that the	Schematic Diagram.					
		comply with Part 15						
	requirements	s under conditions of						
		ta rates or over-modulation.						
3	The modular	transmitter must have its	The device is equipped with Internal	Y				
	own power s	upply regulation.	3.3V and 1.8V regulator.					
4	The modular	transmitter must comply	The device is equipped with the	Y				
	with the ante	nna and transmission	permanently attached antenna. Any					
	system requi	rements of Sections 15.203,	connector isn't used. Refer to internal					
		d 15.204(c). The antenna	photos.					
		be permanently attached or						
		nique" antenna coupler (at						
		ns between the module and						
		including the cable). The						
		l installation" provision of						
		03 is not applicable to						
		can apply to limited						
		rovals under paragraph (b)						
_	of this sectio							
5		transmitter must be tested	The device was tested both outside of	Y				
		one configuration, <i>i.e.</i> , the	the host device in a stand-alone					
		not be inside another	configuration and installed within the					
		g testing for compliance	host device. Refer to setup photos.					
		requirements. Unless the						
		nodule will be battery						
		nust comply with the AC						
		ed requirements found in						
		07. AC or DC power lines at/output lines connected to						
	1	nust not contain ferrites,						
		will be marketed with the						
	-	Section 15.27(a)). The						
	,	se lines shall be the length						
	_	tual use or, if that length is						
		least 10 centimeters to						
		ere is no coupling between						
		ne module and supporting						
	and case of th	ic module and supporting	<u> </u>					

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 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	
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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. The weadyle is installed only in module to W	
7 The modular transmitter must comply The module is installed only in products Y	
with any specific rules or operating manufactured by the grantee and under	
requirements that ordinarily apply to a the grantee's control, in keeping with	
complete transmitter and the the requirements for a limited modular	
manufacturer must provide adequate approval. The grantee has internal	
instructions along with the module to manufacturing processes and	
explain any such requirements. A copy documentation for control of final	
of these instructions must be included in products using this module.	
of these instructions must be included in	
the application for equipment	
authorization.	

8	The modular transmitter must comply	The device complies with MPE limits	Y
	with any applicable RF exposure	requirement	
	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.