

Applican	t/Grantee	Sonos, Inc. / S	SBV					
FCC ID:		SBVRM002						
Section 15.212 Modular Transmitters								
Request	for Modular A	Approval	Reque	est for Limited Modular Approval				
		Requirements	; ;	EUT Conditions	Comply (Y/N)			
				Approval Requirements				
1	transmitter m The physical	ments of the must have their	odular own shielding. iing capacitors	The radio portion of this module has	Y			
2	buffered mod inputs are pro module will c requirements	transmitter mululation/data in ovided) to ensu comply with Paunder condition a rates or over-	puts (if such re that the art 15 ons of	The EUT has buffered data inputs, it is integrated in chip AR5416+AR2133	Y			
3	The modular	transmitter mu apply regulatio	st have its	The modular use voltage is 1.8V, refer to Block Diagram.	Y			
4	The modular with the anter requirements 15.204(b) and must either be employ a "un connections bantenna, inclu "professional Section 15.20 modules but o	transmitter munna and transmof Sections 15 d 15.204(c). The permanently ique" antenna between the moding the cable installation" poly is not applican apply to linder paragraph (est comply dission system .203, he antenna attached or coupler (at all odule and the e). The provision of able to mited modular	Defer to entenne enceification and test	Y			
5	The modular a stand-alone module must during testing requirements. module will be comply with requirements or DC power lines connected contain ferrite marketed with 15.27(a)). The	transmitter muconfiguration, not be inside a g for compliance. Unless the trace battery power the AC line confound in Sectilines and data ed to the module (see, unless they he the module (see length of actu	i.e., the another device ce with Part 15 ansmitter ered, it must nducted on 15.207. AC input/output alle must not will be see Section se lines shall	Device is tested external to a host in a standalone configuration.	Y			

		that length is unknown, at least 10		
		centimeters to insure that there is no		
		coupling between 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)).		
		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 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		
	6	application for equipment	Refer to label format and location file.	\mathbf{Y}
		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 modular transmitter must comply	The EUT is compliant with all	
		with any anaifia miles on anauting	-	
1	7	requirements that	applicable FCC rules. Detail	₩7
1	7		instructions for maintaining	\mathbf{Y}
	,	TOTALINATIVE ADDIVITO A COMBINE HAUSHIME	_	
	,	TOTALINATIVE ADDIVITO A COMBINE HAUSHIME	compliance are given in the Users	

	module to explain any such requirements.		
	A copy of these instructions must be		
	included in the application for equipment		
	authorization.		
	The modular transmitter must comply	For modular configuration, RF Exposure	
8	with any applicable RF exposure	is addressed in the RF exposure	Y
	requirements in its final configuration.	exhibition.	

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.