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# 8.0 Antenna Requirement

# **Applicable Standard**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

This product has a PCB antenna. The antenna gain is -2.0dBi Max. It fulfills the requirement of this section. Test Result: Pass

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SK Modulation					
Product:	2.4GHz TRIGGER	Test Mode:	Keep transmitting		
Mode	Keeping Transmitting	Test Voltage	e DC3.0V		
Temperature	24 deg. C,	Humidity	56% RH		
Test Result:	Pass	Detector	PK		
0dB Bandwidth	2.305MHz				
Ref Lvl	Marker 1 [T1 ndB] ndB 20.00 dB		кНz		
0 dBm	BW 2.30460922 MHz	SWT 5 m	ns Unit dBm		
-10		1 1	[T1] -5.86 dBm 2.40853607 GHz		
-20		ndi BW	20.00 dB 2.30460922 MHz (T1) -25.82 dBm		
	7	V <sub>T</sub>	72 2.40688277 GHz [11] -20.03 dBm		
-30 1MAX			1: 2.40918737 GHz		
-40	W		West Con		
-50					
-60					
-70					
-80					
-90					
-100 Center 2.408	2. GU-	kHz/	Span 5 MHz		

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Product:	duct: 2.4G		Hz TRIGGER			Test Mode:			Keep transmitting		
Mode		Keeping Transmitting				Test V	/oltage		DC3.0V		
Temperature	24 deg. C, Pass 2.315MHz				Humidity Detector			56% RH PK 			
Test Result:											
OdB Bandwidth											
(s)		Marker	1 [T1 n	idB]	RI	3W 1	.00 kH	iz Ri	7 Att	10 dB	
Ref Lvl		ndB	20.	00 dB	VE	3W 3	00 kH	İz			
0 dBm		BW 2	2.314629	26 MHz	SV	7T	5 ms	Uı	nit	dBm	L
0						1	<b>v</b> <sub>1</sub>	[T1]	- 4	61 dBm	
			/	٣	_	/				609 GHz	A
-10			/		\\	<del>/   \</del>	ndB		20	.00 dB	
		/	m , , , ,	V	• •	'	MBW.	5 m 1 3		926 MHz	
-20		<u> </u>					W	72	2.43887	.2/ dBm 275 GHz	
		Ĭ					$ abla_{\mathrm{T2}}$	[11]		.00 dBm	
-30								<del>- \</del> \_	2.44118	787 GHz	
1MAX	long	/						\	~~\ <sup>f</sup>	\	1MA
-40	W	<del>d</del>							Land - V	by	
-50											
-60											
-70											
-80											
-90											
-100											
Center 2	.44 GHz	Z		500	kHz/				Spa	n 5 MHz	

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Product:	2.4GHz TRIGGER			est Mode:	Keep transmitting		
Mode	Keepi	ng Transmitting	Te	est Voltage			
Temperature	2	24 deg. C, Pass			56% RH PK 		
Test Result:							
0dB Bandwidth	2.325MHz						
/s/m	Marker	RBW	100 kHz	Hz RF Att 10 dB			
Ref Lvl	ndB	20.00 dB	VBW	300 kHz			
0 dBm	BW	2.32464930 MHz	SWT	5 ms	Unit	dBm	
			\ /	<b>▼</b> 1 [1	2.4745	3.18 dBm A	
-10				ndH	2.3246	0.00 dB 4930 MHz	
-20	The state of the s			V <sub>T2</sub> [	2.4728°  7.4728°	3.35 dBm 7275 GHz 3.21 dBm	
-30 1MAX	Manual Ma				2.4751	1M2	
-40 M							
-50							
-60							
-70							
-80							
-90							
-100 Center 2.	474 GHz	500	<hz <="" td=""><td></td><td>Sp3</td><td>an 5 MHz</td></hz>		Sp3	an 5 MHz	

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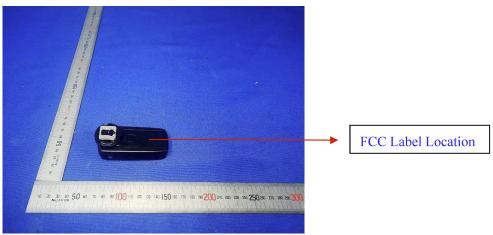


# 10.0 FCC ID Label

## FCC ID: 2ANIV-FC-16

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

# **Mark Location:**

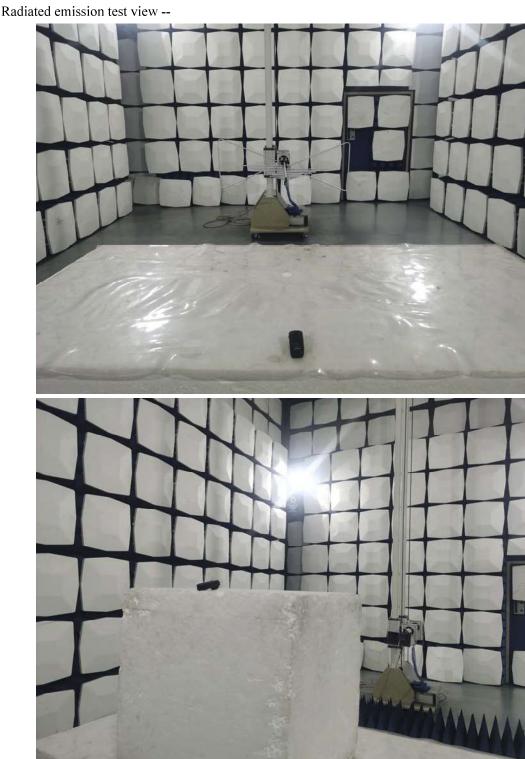


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#### 11.0 Photo of testing

## 11.1



The report refers only to the sample tested and does not apply to the bulk.

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# 11.2 Photographs – EUT

## Outside View



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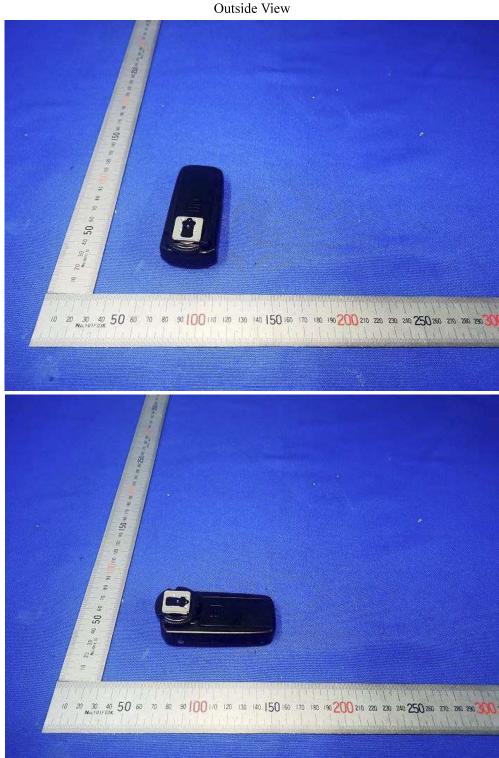
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# Photographs – EUT

# Inside view





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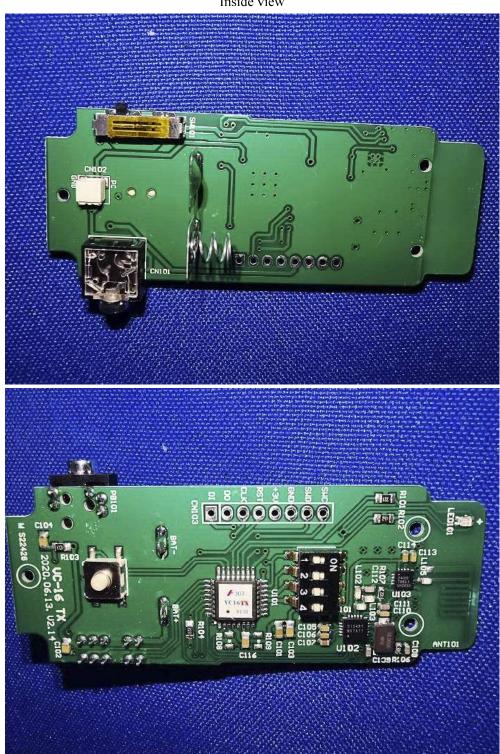
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Inside view



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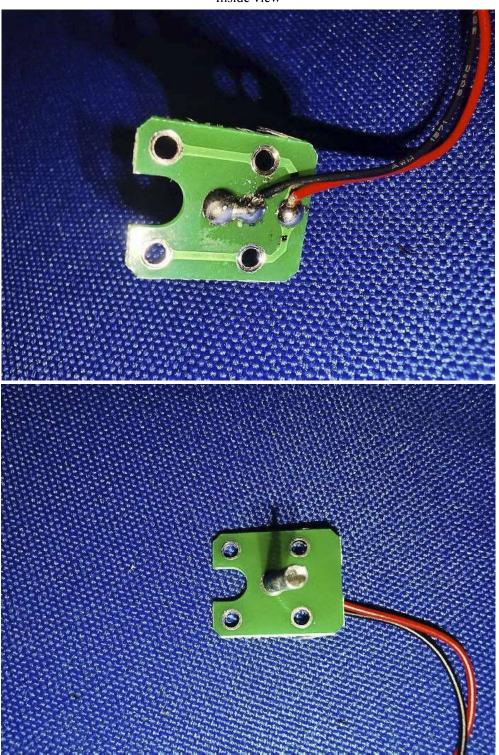
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Inside view



-- End of the report--

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