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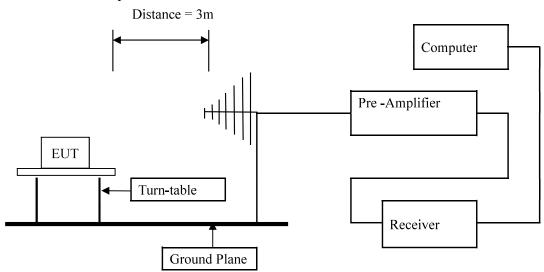


7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10–2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) Set Spectrum as RBW=1MHz, VBW=3MHz and Peak detector used for PK value. RBW=1MHz, VBW=10Hz and Peak detector used for AV value.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

7. 2 Radiated Test Setup



For the actual test configuration, please refer to the related items – Photos of Testing

7.3 Configuration of The EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

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7.6 Test Result			
Product:	2.4G Wireless Remote Control	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.0V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		
90 - 80 - 70 - 60 - 40 - 40 - 40 - 40 - 40 - 40 - 4			

005	2000	Frequency (MHz)									
No.	Frequency	Results	Factor	Limit	Over	Detector	Table (o)	Height	ANT	Verdict	
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)			(cm)			
2	2485.175	61.12	-3.57	74.0	-12.88	Peak	146.00	100	Horizontal	Pass	
2**	2485.175	47.88	-3.57	54.0	-6.12	AV	146.00	100	Horizontal	Pass	

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Pr	roduct:	2.40	3 Wirele	ss Remote (Control	Detec	tor	r Vertical			
l	Mode Keeping Transmitting					Test Vo	ltage	DC3.0V			
Tem	perature		24 deg. C, Humidity 56% RH								
Tes	st Result: Pass										
Part 15C	Class B 1GHz-18GHz	-2				•	1				
1.06+2-	0										
90-			illi	NA MAIL							
80-											
70-											
120000	V	1	AL ARIENT								
60-	20 1400	a san islam h bu di Shi di Shi		1		Maria di Calabara da Cara da Cara	M2				
							All the ball the ball to be	difficient to come			
50-				12					A Add Affin Jaffinds their milite	dada kuti ka kit	
119.842				11							
50- 40-				-							
119.842				, , ,							
40-				1							
40 - 30 -			M1								
40 30 20			1 11								
40- 30- 20-	50		H ¹				2483.5			2500	
40- 30- 20- 10-	50				Frequency (MF	lz)	2483.5			2500	
40- 30- 20- 10-		Results	Factor	Limit	Frequency (MH	I	\$349000000000000V	Height	ANT	2500	
40 30 20 10 0.0 24:	Frequency		Factor (dB)		Over Limit	Detector	2483.5 Table (o)	Height (cm)	ANT		
40		Results (dBuV/m) 54.42	Factor (dB)	Limit (dBuV/m)	1	I	\$349000000000000V	Height (cm)	ANT Vertical		

Note: 1. The PK emission level less than the AV limit. No necessary to record the AV emission level.

- 2. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.
- 3. For field strength at the frequency of 2400MHz and 2390MHz, it is only the floor noise.

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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 0dBi Max. It fulfills the requirement of this section. Test Result: Pass

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9.0 20dB Bandwidt	h Measurement	t								
GFSK Modulation	l									
Product: 2.4G Wireless Remote Control					T	est Mode:		Keep tra	nsmitting	
Mode	Mode Keeping Transmitting				Т	est Voltage		DC3.0V		
Temperature						Humidity		56% RH		
Test Result:	Pass					Detector	PK			
20dB Bandwidth	3.888MHz									
Ref Lvl	Delta		.96 dB	ri Vi	BW BW	100 k 300 k	Hz	RF Att	10 dB	
0 dBm		3.887775	555 MHz	SV	VТ	5 m	s	Unit	dBr	n
						\mathbf{v}_1	[T1]	-4	3.22 dBm	Α
								2.4618	0561 GHz	
-10						<u>^</u> 1	[T1]		0.96 dB	
						∇ ⊃		3.8877	7555 MHz	
-20			2 7			- 2		2.4636	2926 GHz	İ
-30				MV V						
1MAX		W W W	May	(m	MI. 3				1MA
-40 D1 -43.1	7 dBm	V				W. J.				
-50	, ſ					W	14.			
-60	-M						Why	Why L		
-70 mm/m/m/m/m	4/1							Mr	MUMM	
-70										
-80										
-90										
-100 Center 2.	464 GHz		1 M	Hz/				Spai	10 MHz	. :
Date: 22.	MAR.2021	18:33:28								

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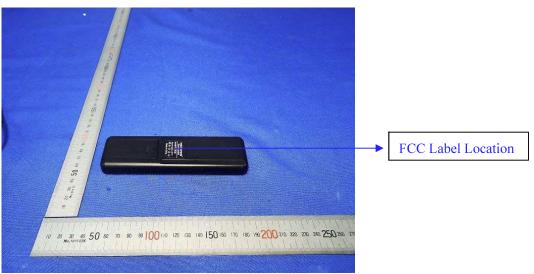


10.0 FCC ID Label

FCC ID: 2ANIV-RC-RGB

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:



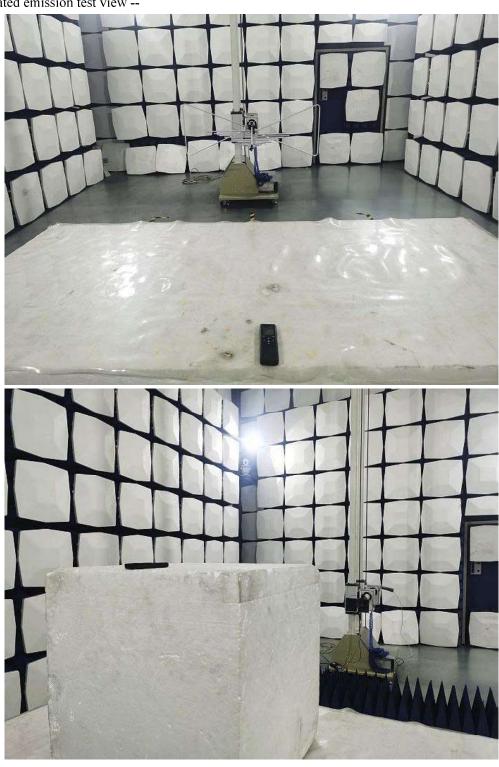
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11.0 Photo of testing

11.1 Radiated emission test view --



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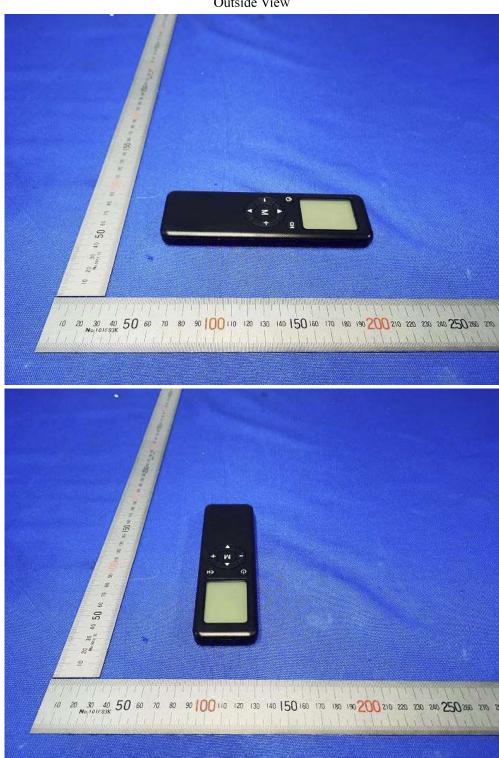
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11.2 Photographs – EUT

Outside View



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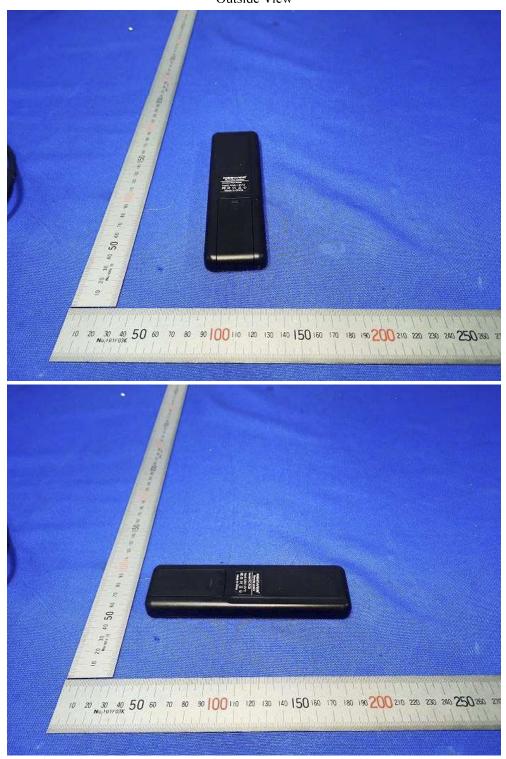
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Photographs – EUT

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Outside View

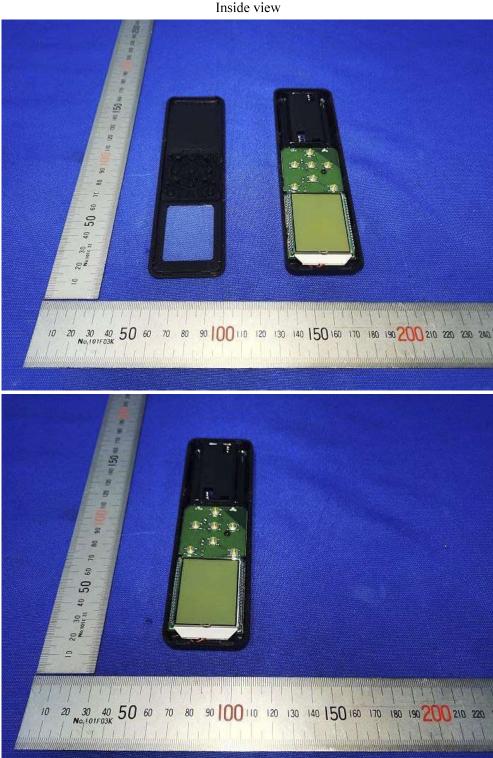


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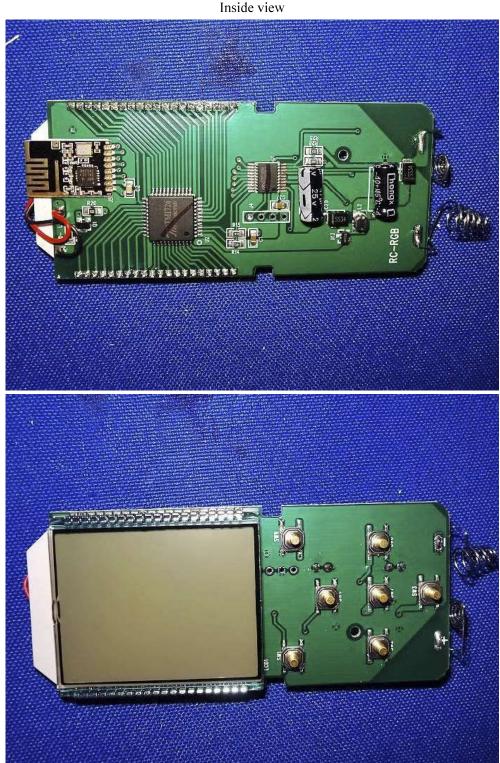
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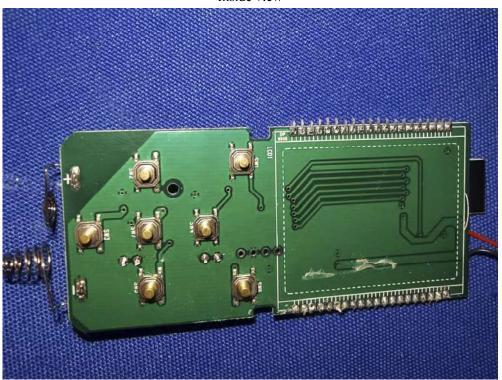
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Inside view



-- End of the report--