



Report No.: TWN2507878-02E

Applicant: Eastern Times Technology Co.,Ltd

Product: REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONSWITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD

Model No.: K724GBG-RGB-PRO, K724SP-RGB-PRO, ET-7344

Trademark: REDRGAON

Test Standards: FCC Part 15.249

Test result: It is herewith confirmed and found to comply with the requirements set up by ANSI C63.10 & FCC Part 15 Subpart C, Paragraph 15.249 regulations for the evaluation of electromagnetic compatibility

Approved By

A handwritten signature in black ink that reads "Terry Tang".

Terry Tang

Manager

Dated: August 28, 2025

**Results appearing herein relate only to the sample tested
The technical reports is issued errors and omissions exempt and is subject to withdrawal at**

SHENZHEN TIMEWAY TESTING LABORATORIES

**Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West,
Tong Le Village, Nanshan District, Shenzhen, China**

Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com



Special Statement:

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

ISED —Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of ISED for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

CAB identifier: CN0033

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Test Report Conclusion

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.
Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China
Telephone: (755) 83448688
Fax: (755) 83442996
Site on File with the Federal Communications Commission – United States
Registration Number: 744189
For 3m Anechoic Chamber

1.2 Applicant Details

Applicant: Eastern Times Technology Co.,Ltd
Address: Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City, Guangdong, China.

1.3 Description of EUT

Product:	REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONS WITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD
Manufacturer:	Eastern Times Technology Co.,Ltd
Address:	Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City, Guangdong, China.
Trademark:	REDRGAON
Additional Trademark:	N/A
Model Number:	K724GBG-RGB-PRO
Additional Model Name	K724SP-RGB-PRO, ET-7344
Hardware Version:	7156-C TX V1
Software Version:	BDE3
Serial No.:	RDK724GBG-RGB-PRO25043000984
Rating:	Input: DC5V, 900mA or DC3.7V, 400mA
Battery:	DC3.7V, 4000mAh Li-ion battery
Modulation Type:	GFSK
Operation Frequency:	2402-2480MHz (Bluetooth Low Energy)
Number of Channels:	40
Channel Separation:	2MHz
Antenna Designation	PCB antenna with gain 2.08dBi Max (Get from the antenna specification)

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1.4 Submitted Sample: 2 Samples

1.5 Test Duration

2025-07-30 to 2025-08-28

1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB

Radiated Emissions below 1GHz Uncertainty =4.7dB

Radiated Emissions above 1GHz Uncertainty =6.0dB

Conducted Power Uncertainty =6.0dB

Occupied Channel Bandwidth Uncertainty =5%

Conducted Emissions Uncertainty =3.6dB

Note: The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

1.7 Test Engineer

The sample tested by _____

A handwritten signature in black ink that reads "Andy Xing".

Print Name: Terry Tang

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2.0 Test Equipment

Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2025-07-11	2026-07-10
LISN	R&S	EZH3-Z5	100294	2025-07-11	2026-07-10
LISN	R&S	EZH3-Z5	100253	2025-07-11	2026-07-10
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2025-07-11	2026-07-10
Loop Antenna	EMCO	6507	00078608	2025-07-17	2028-07-16
Spectrum	R&S	FSIQ26	100292	2025-07-11	2026-07-10
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2025-07-17	2028-07-16
Horn Antenna	R&S	BBHA 9120D	9120D-631	2025-07-17	2028-07-16
Power meter	Anritsu	ML2487A	6K00003613	2025-07-11	2026-07-10
Power sensor	Anritsu	MA2491A	32263	2025-07-11	2026-07-10
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2025-07-17	2028-07-16
9*6*6 Anechoic	--	--	N/A	2025-07-11	2028-07-10
EMI Test Receiver	RS	ESCS 30	834115/006	2025-07-11	2026-07-10
Spectrum	HP/Agilent	E4407B	MY50441392	2025-07-11	2026-07-10
Spectrum	RS	FSP	1164.4391.38	2025-07-11	2026-07-10
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA	--	2025-07-11	2026-07-10
RF Cable	Zhengdi	7m	--	2025-07-11	2026-07-10
Pre-Amplifier	Schwarebeck	BBV9743	#218	2025-07-11	2026-07-10
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2025-07-11	2026-07-10
LISN	SCHAFFNER	NNB42	00012	2025-07-11	2026-07-10
LISN	R&S	EZH3-Z5	100294	2025-07-11	2026-07-10

2.2 Automation Test Software

For Conducted Emission Test

Name	Version
EZ-EMC	Ver.EMC-CON 3A1.1

For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:			
Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies
FCC Part 15, Paragraph 15.207	Conducted Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies

3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249 and ANSI C63.10-2020+Cor.1-2023

4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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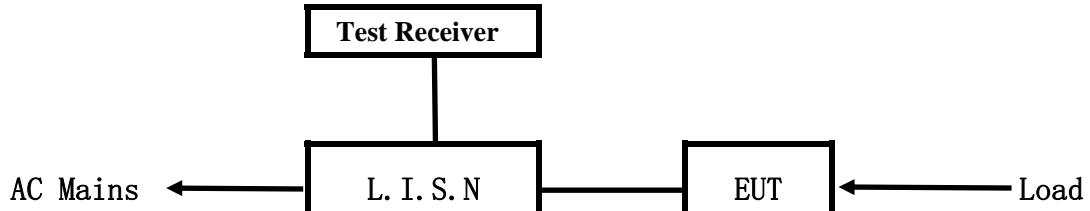
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5. Power Line Conducted Emission Test

5.1 Schematics of the test



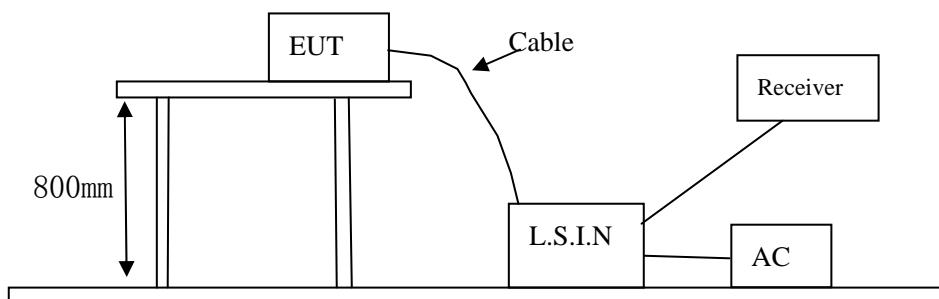
EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2020+Cor.1-2023. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10-2020+Cor.1-2023.

Test Voltage: 120V~, 60Hz

Block diagram of Test setup



5.3 Configuration of the EUT

The EUT was configured according to ANSI C63.10-2020+Cor.1-2023. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

40 channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONS WITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD	Eastern Times Technology Co.,Ltd	K724GBG-RGB-PRO, K724SP-RGB-PRO, ET-7344	TUVET-7156C

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B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

C. Peripherals

Device	Manufacturer	Model	Rating
Power Supply	KEYU	KA23-0502000DEU	Input: 100-240V~, 50/60Hz, 0.35A; Output: DC5V, 2A
PC	ThinkPad	R4	Input: DC19.5V, 2.31A

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10-2020+Cor.1-2023

A Setup the EUT and simulators as shown on follow
B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Frequency (MHz)	Limits (dB μ V)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66.0~56.0*	56.0~46.0*
0.50 ~ 5.00	56.0	46.0
5.00 ~ 30.00	60.0	50.0

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The tighter limit shall apply at the transition frequencies

5.6 Test Results:

Pass

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A: Conducted Emission on Live Terminal (150kHz to 30MHz)

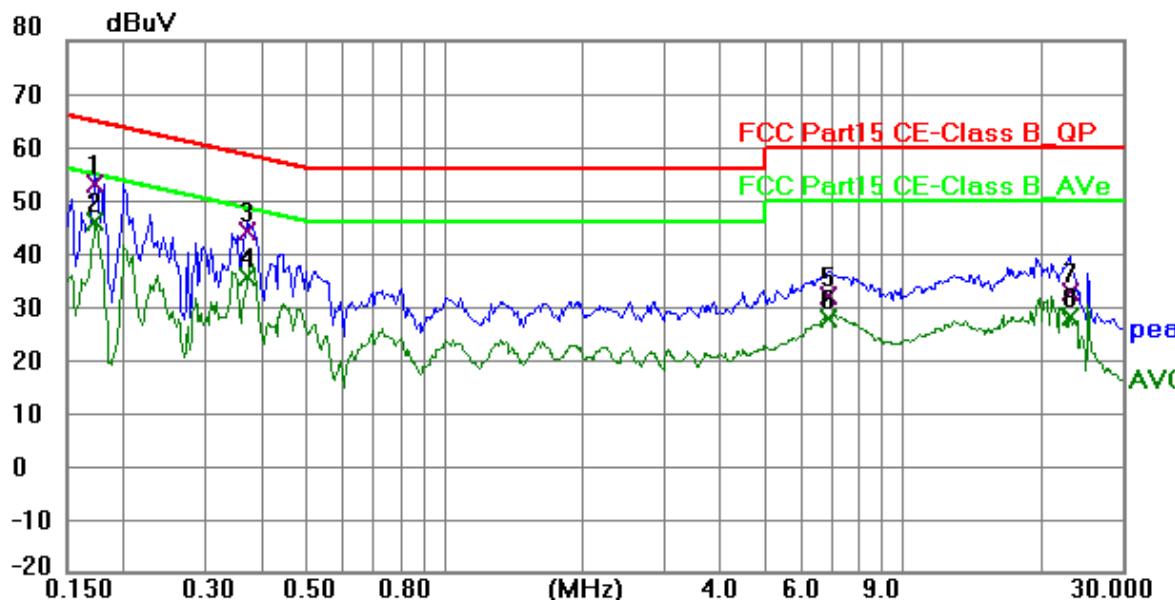
EUT Operating Environment

Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Charging and Communication by BT

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1734	42.62	10.33	52.95	64.80	-11.85	QP	P
2	0.1734	35.73	10.33	46.06	54.80	-8.74	AVG	P
3	0.3723	33.76	10.37	44.13	58.45	-14.32	QP	P
4	0.3723	25.09	10.37	35.46	48.45	-12.99	AVG	P
5	6.8688	19.21	12.80	32.01	60.00	-27.99	QP	P
6	6.8688	14.91	12.80	27.71	50.00	-22.29	AVG	P
7	23.0967	17.02	15.76	32.78	60.00	-27.22	QP	P
8	23.0967	12.35	15.76	28.11	50.00	-21.89	AVG	P

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

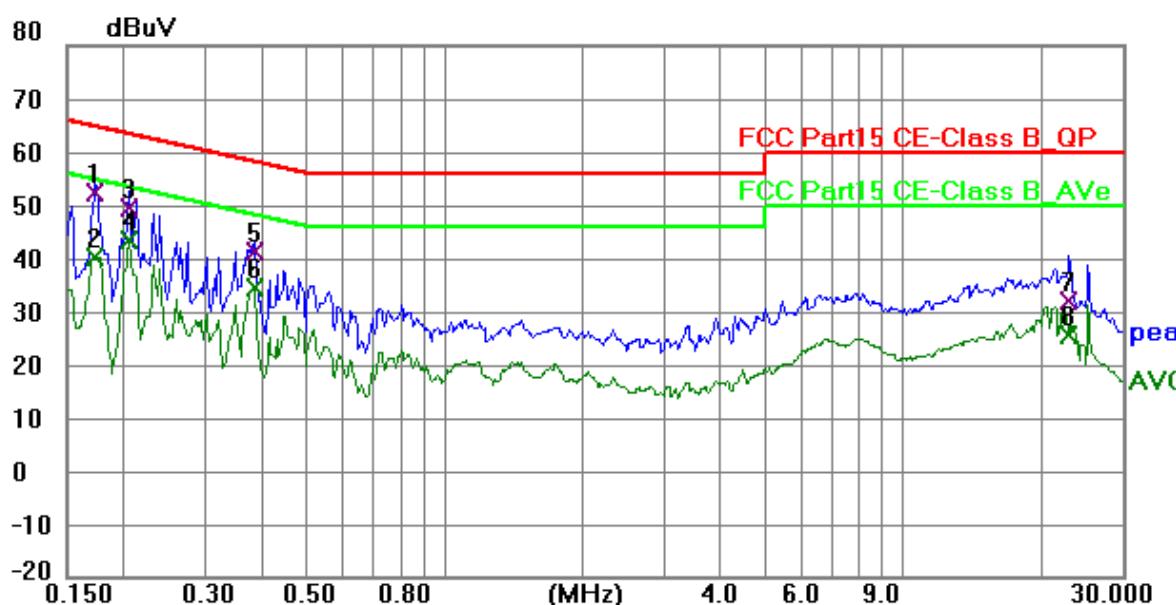
EUT Operating Environment

Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Charging and Communication by BT

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1734	42.08	10.33	52.41	64.80	-12.39	QP	P
2	0.1734	29.68	10.33	40.01	54.80	-14.79	AVG	P
3	0.2046	39.28	10.32	49.60	63.42	-13.82	QP	P
4	0.2046	32.95	10.32	43.27	53.42	-10.15	AVG	P
5	0.3840	30.74	10.37	41.11	58.19	-17.08	QP	P
6	0.3840	24.14	10.37	34.51	48.19	-13.68	AVG	P
7	22.9290	16.22	15.80	32.02	60.00	-27.98	QP	P
8	22.9290	9.60	15.80	25.40	50.00	-24.60	AVG	P

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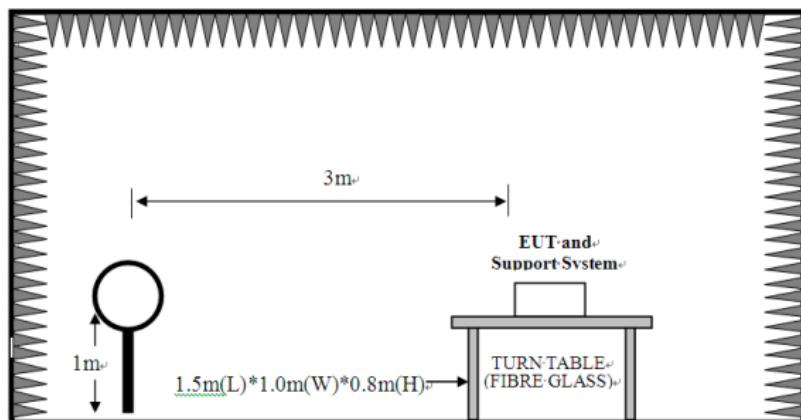
6 Radiated Emission Test

6.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10-2020+Cor.1-2023. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2020+Cor.1-2023.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz (Note: for Fundamental frequency radiated emission measurement, RBW=3MHz, VBW=10MHz). Measurements were made at 3 meters.
- (4) The antenna height is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz



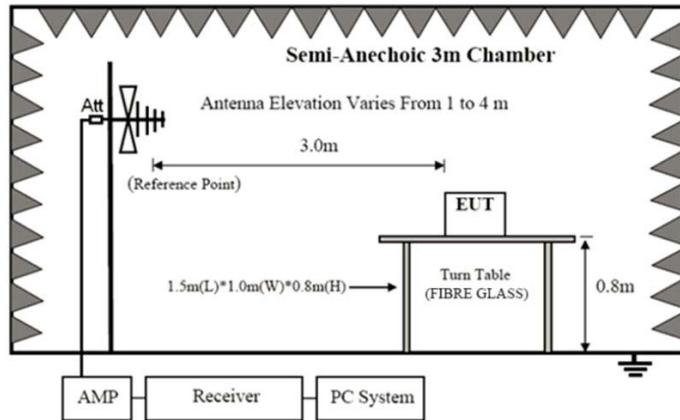
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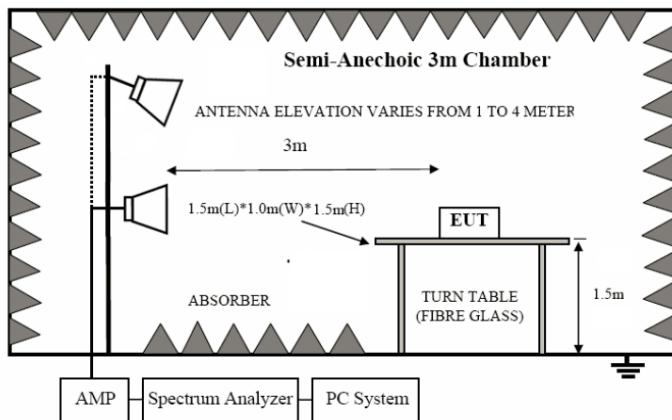
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For radiated emissions from 30MHz to1GHz



For radiated emissions above 1GHz



6.2 Configuration of The EUT

Same as section 5.3 of this report

6.3 EUT Operating Condition

Same as section 5.4 of this report.

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6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

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 § 15.209, whichever is the lesser attenuation.

A FCC Part 15 Subpart C Paragraph 15.249(a) Limit

Fundamental Frequency (MHz)	Field Strength of Fundamental (3m)			Field Strength of Harmonics (3m)		
	mV/m	dBuV/m		uV/m	dBuV/m	
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

Note:

1. RF Field Strength (dBuV) = $20 \log_{10} \text{RF Voltage (uV)}$
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
0.009-0.490	3	$20\log_{10}(2400/F(\text{kHz})) + 40\log_{10}(300/3)$
0.490-1.705	3	$20\log_{10}(24000/F(\text{kHz})) + 40\log_{10}(30/3)$
1.705-30	3	69.5
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

1. RF Voltage (dBuV) = $20 \log_{10} \text{RF Voltage (uV)}$
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
4. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz. As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.
5. For radiated emissions from 9kHz to 30MHz, the emission level is much less than the limit for more than 20dB. No necessary to take down the record.
6. Battery full charged during tests.

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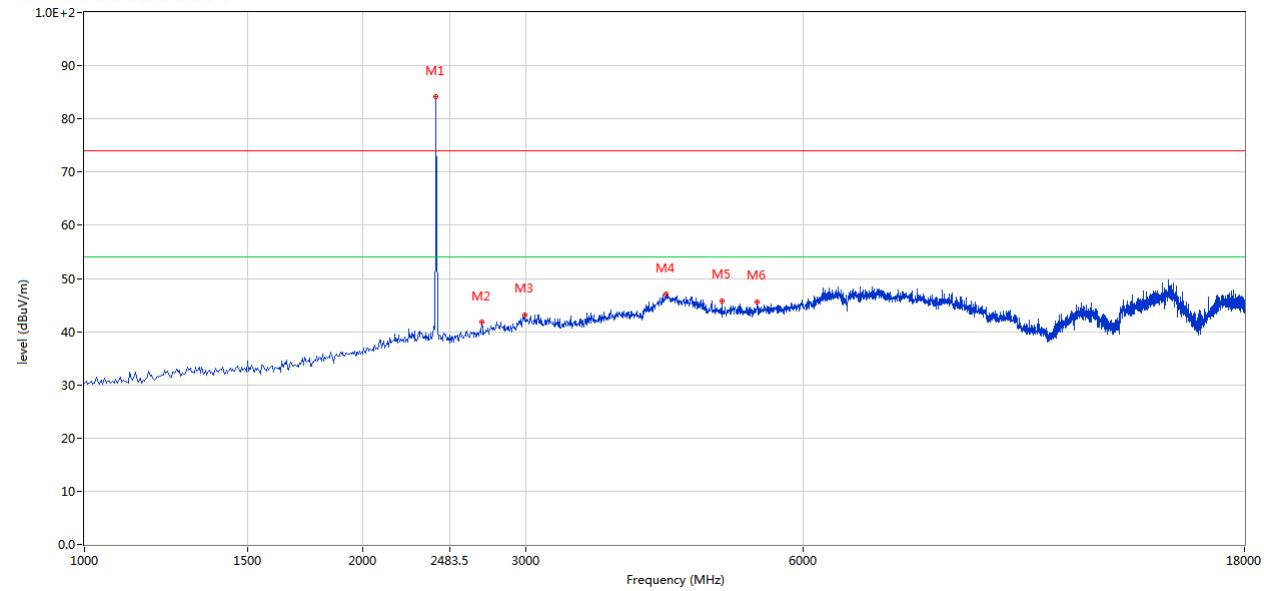
6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2402MHz

Horizontal

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	84.23	-3.57	114.0	-29.77	Peak	311.00	100	Horizontal	Pass
2	2691.077	41.89	-2.99	74.0	-32.11	Peak	236.00	100	Horizontal	Pass
3	2992.752	43.11	-2.64	74.0	-30.89	Peak	360.00	100	Horizontal	Pass
4	4254.686	47.03	1.73	74.0	-26.97	Peak	360.00	100	Horizontal	Pass
5	4892.027	45.85	3.21	74.0	-28.15	Peak	127.00	100	Horizontal	Pass
6	5346.663	45.58	3.58	74.0	-28.42	Peak	216.00	100	Horizontal	Pass

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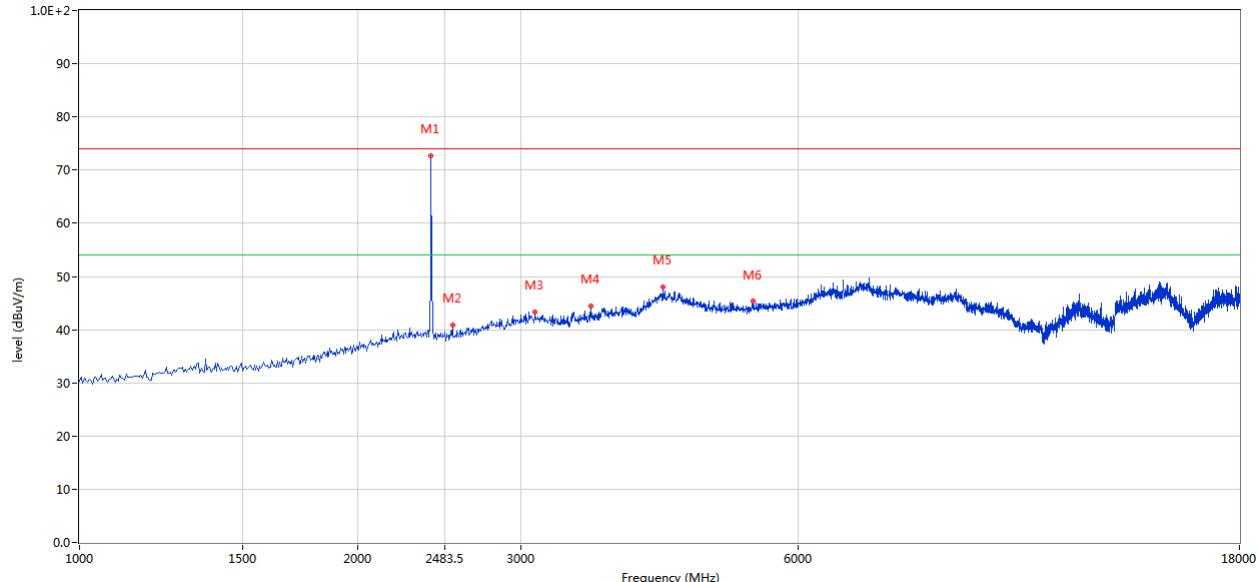
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Vertical

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	72.78	-3.57	114.0	-41.22	Peak	269.00	100	Vertical	Pass
2	2533.867	40.79	-3.49	74.0	-33.21	Peak	13.00	100	Vertical	Pass
3	3111.722	43.39	-2.17	74.0	-30.61	Peak	314.00	100	Vertical	Pass
4	3574.856	44.52	-0.72	74.0	-29.48	Peak	130.00	100	Vertical	Pass
5	4275.931	48.08	1.78	74.0	-25.92	Peak	64.00	100	Vertical	Pass
6	5359.410	45.38	3.61	74.0	-28.62	Peak	360.00	100	Vertical	Pass

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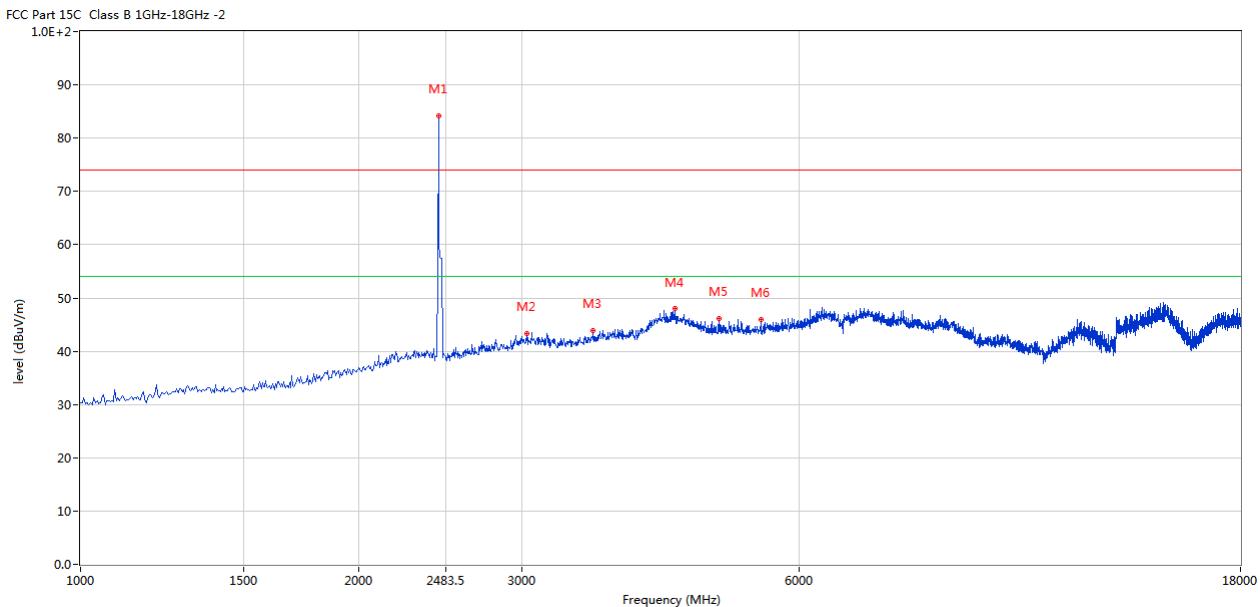
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2440	84.17	-3.57	114.0	-29.83	Peak	262.00	100	Horizontal	Pass
2	3039.490	43.30	-2.46	74.0	-30.70	Peak	111.00	100	Horizontal	Pass
3	3587.603	43.84	-0.66	74.0	-30.16	Peak	103.00	100	Horizontal	Pass
4	4403.399	47.97	2.01	74.0	-26.03	Peak	17.00	100	Horizontal	Pass
5	4904.774	46.12	3.23	74.0	-27.88	Peak	143.00	100	Horizontal	Pass
6	5452.887	45.91	3.81	74.0	-28.09	Peak	340.00	100	Horizontal	Pass

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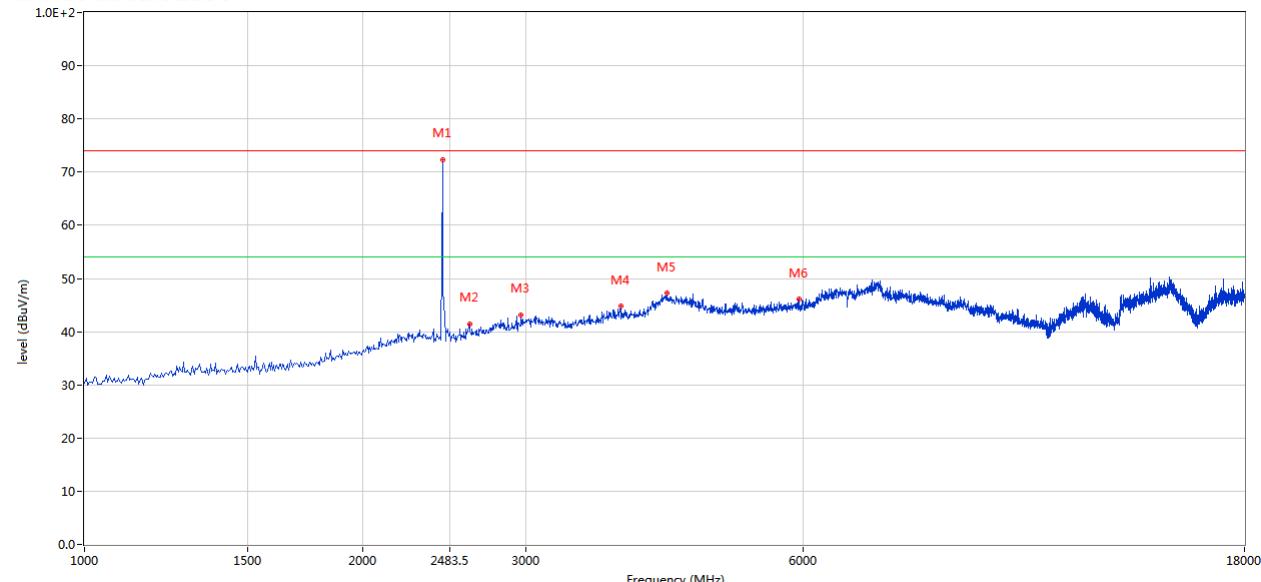
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Vertical

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2440	72.25	-3.57	114.0	-41.75	Peak	282.00	100	Vertical	Pass
2	2610.347	41.46	-3.28	74.0	-32.54	Peak	302.00	100	Vertical	Pass
3	2967.258	43.16	-2.65	74.0	-30.84	Peak	327.00	100	Vertical	Pass
4	3804.299	44.78	0.33	74.0	-29.22	Peak	354.00	100	Vertical	Pass
5	4267.433	47.25	1.76	74.0	-26.75	Peak	267.00	100	Vertical	Pass
6	5933.017	46.05	3.81	74.0	-27.95	Peak	0.00	100	Vertical	Pass

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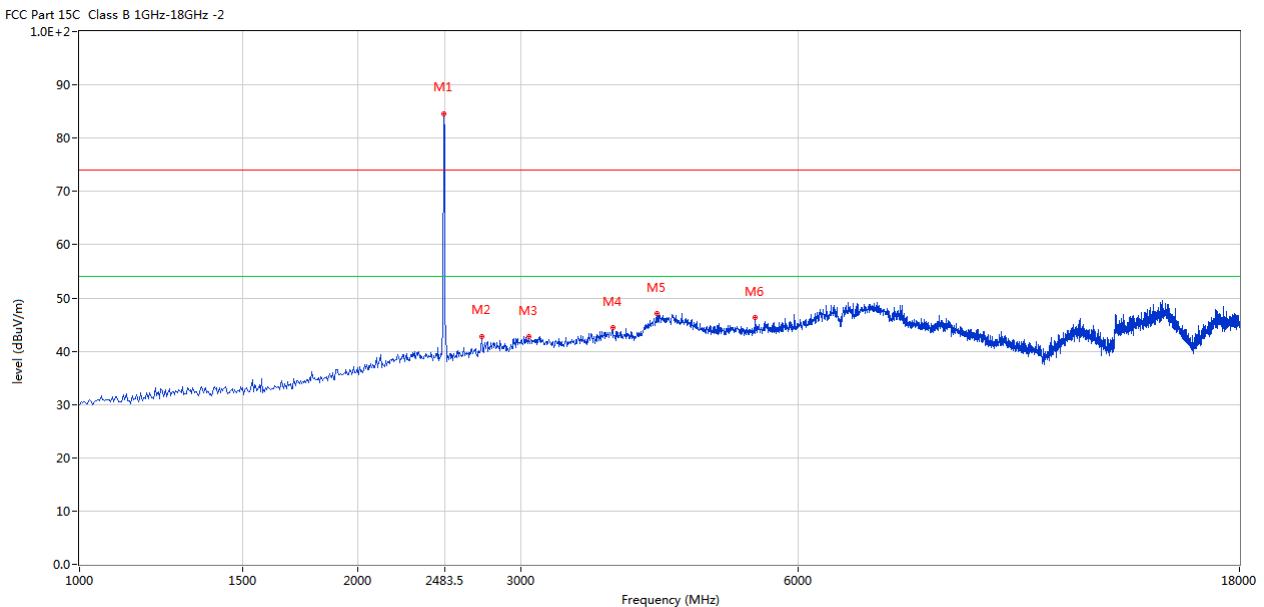
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	84.60	-3.57	114.0	-29.40	Peak	95.00	100	Horizontal	Pass
2	2725.069	42.80	-2.89	74.0	-31.20	Peak	266.00	100	Horizontal	Pass
3	3060.735	42.81	-2.37	74.0	-31.19	Peak	133.00	100	Horizontal	Pass
4	3774.556	44.44	0.17	74.0	-29.56	Peak	15.00	100	Horizontal	Pass
5	4212.197	47.05	1.63	74.0	-26.95	Peak	114.00	100	Horizontal	Pass
6	5389.153	46.29	3.68	74.0	-27.71	Peak	342.00	100	Horizontal	Pass

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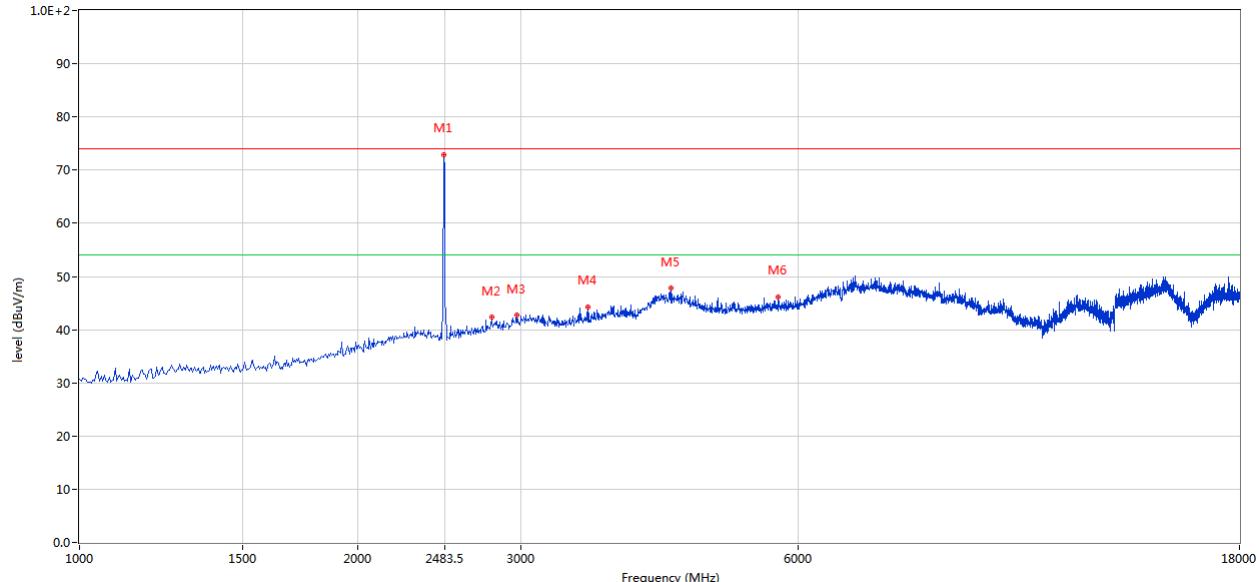
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Vertical

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	72.87	-3.57	114.0	-41.13	Peak	201.00	100	Vertical	Pass
2	2793.052	42.37	-2.71	74.0	-31.63	Peak	261.00	100	Vertical	Pass
3	2971.507	42.81	-2.65	74.0	-31.19	Peak	1.00	100	Vertical	Pass
4	3553.612	44.19	-0.82	74.0	-29.81	Peak	334.00	100	Vertical	Pass
5	4369.408	47.77	1.95	74.0	-26.23	Peak	207.00	100	Vertical	Pass
6	5703.574	46.13	3.83	74.0	-27.87	Peak	265.00	100	Vertical	Pass

Note:

- (2) Emission Level = Reading Level + Antenna Factor + Cable Loss-Amplifier
- (3) Margin=Emission-Limits
- (4) According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) For test purpose, keep EUT continuous transmitting
- (5) For emission above 18GHz and Below 30MHz, It is only the floor noise. No necessary to take down.
- (6) the measured PK value less than the AV limit.

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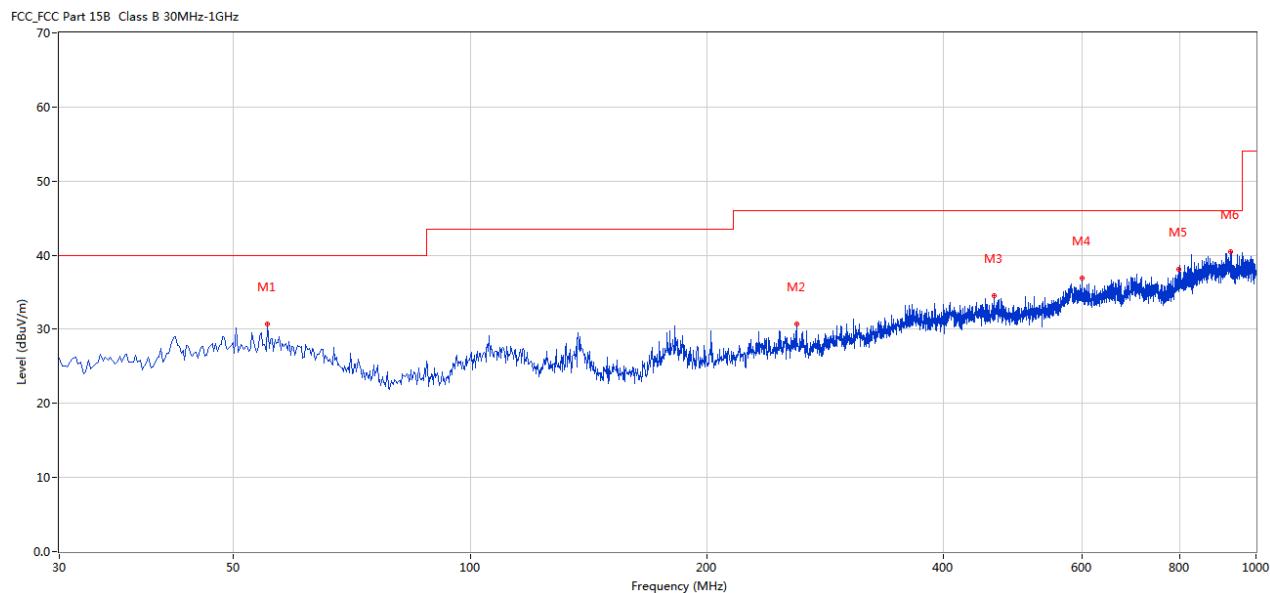
B. General Radiated Emission Data

Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.214	30.75	-5.11	40.0	9.25	Peak	78.00	100	Horizontal	Pass
2	260.075	30.69	-4.75	47.0	16.31	Peak	327.00	100	Horizontal	Pass
3	464.936	34.58	-0.56	47.0	12.42	Peak	300.00	100	Horizontal	Pass
4	599.975	36.94	1.61	47.0	10.06	Peak	130.00	100	Horizontal	Pass
5	797.078	38.09	3.19	47.0	8.91	Peak	172.00	100	Horizontal	Pass
6	928.238	40.47	5.12	47.0	6.53	Peak	203.00	100	Horizontal	Pass

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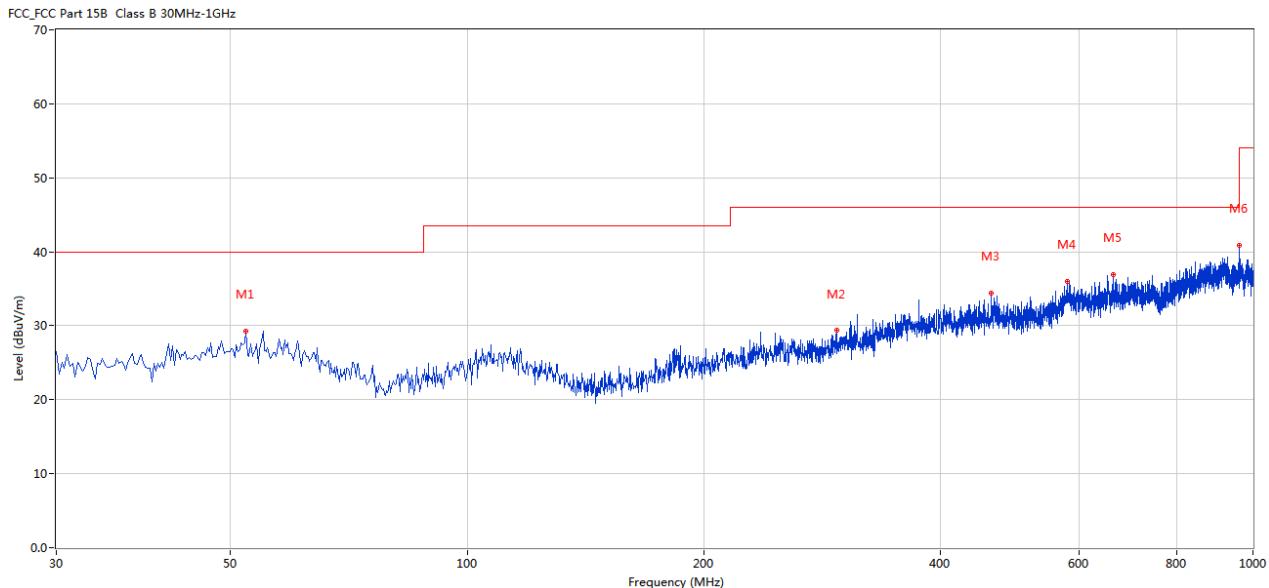


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	52.304	29.29	-4.88	40.0	10.71	Peak	360.00	100	Vertical	Pass
2	294.986	29.39	-3.95	47.0	17.61	Peak	360.00	100	Vertical	Pass
3	464.936	34.41	-0.56	47.0	12.59	Peak	360.00	100	Vertical	Pass
4	581.065	36.05	1.68	47.0	10.95	Peak	360.00	100	Vertical	Pass
5	663.494	36.92	2.06	47.0	10.08	Peak	360.00	100	Vertical	Pass
6	961.452	40.87	5.22	47.0	6.13	Peak	360.00	100	Vertical	Pass

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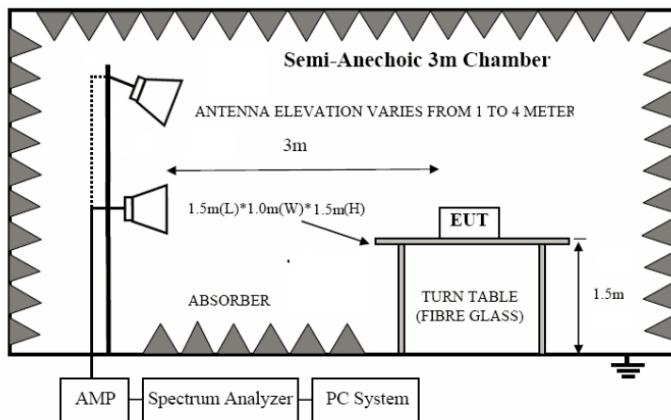


7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10-2020+Cor.1-2023. 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.

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

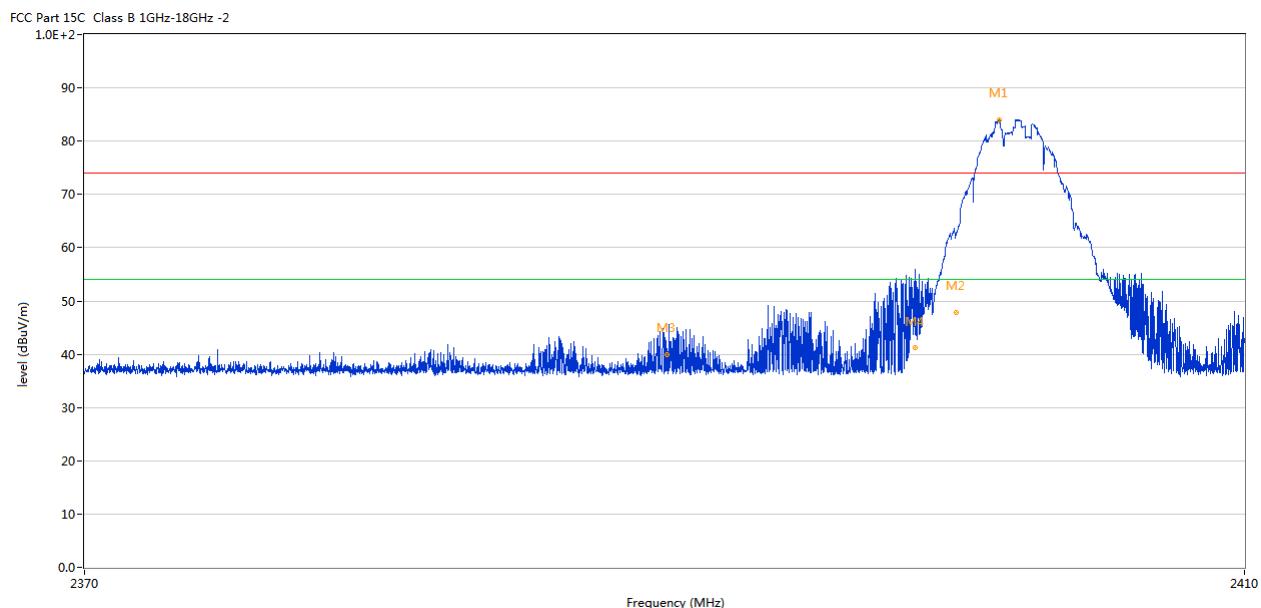
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7.6 Test Result

Product:	REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONS WITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2401.502	84.00	-3.57	74.0	10.00	Peak	86.00	100	Horizontal	N/A
2	2400.000	62.59	-3.57	74.0	-11.41	Peak	321.67	100	Horizontal	Pass
2**	2400.000	47.77	-3.57	54.0	-6.23	AV	321.67	100	Horizontal	Pass
3	2390.000	40.01	-3.53	74.0	-33.99	Peak	188.50	100	Horizontal	Pass
4	2398.593	55.89	-3.56	74.0	-18.11	Peak	82.00	100	Horizontal	Pass
4**	2398.593	41.31	-3.56	54.0	-12.69	AV	82.00	100	Horizontal	Pass

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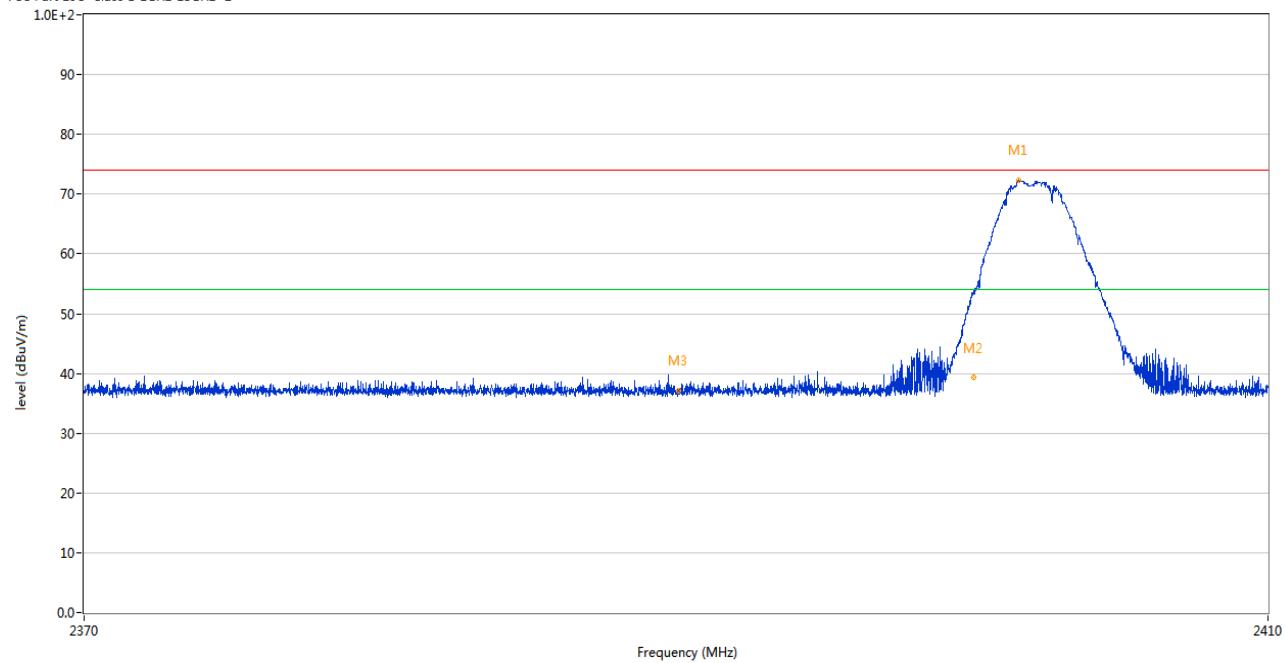
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Product:	REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONS WITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2401.512	72.38	-3.57	74.0	-1.62	Peak	325.00	100	Vertical	Pass
2	2400.000	53.84	-3.57	74.0	-20.16	Peak	270.00	100	Vertical	Pass
2**	2400.000	39.29	-3.57	54.0	-14.71	AV	270.00	100	Vertical	Pass
3	2390.000	37.19	-3.53	74.0	-36.81	Peak	242.50	100	Vertical	Pass

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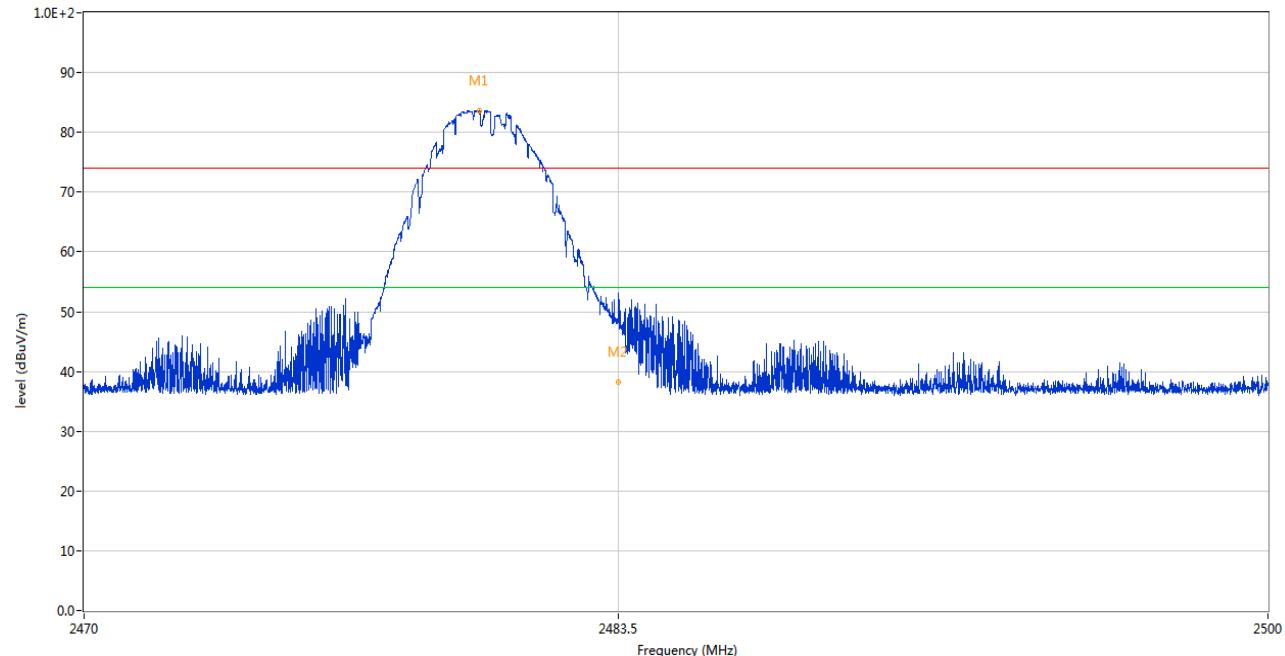
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Product:	REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONS WITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--

FCC Part 15C Class B 1GHz-18GHz -2



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2479.965	83.61	-3.57	74.0	9.61	Peak	61.00	100	Horizontal	N/A
2	2483.500	52.81	-3.57	74.0	-21.19	Peak	179.86	100	Horizontal	Pass
2**	2483.500	38.16	-3.57	54.0	-15.84	AV	179.86	100	Horizontal	Pass

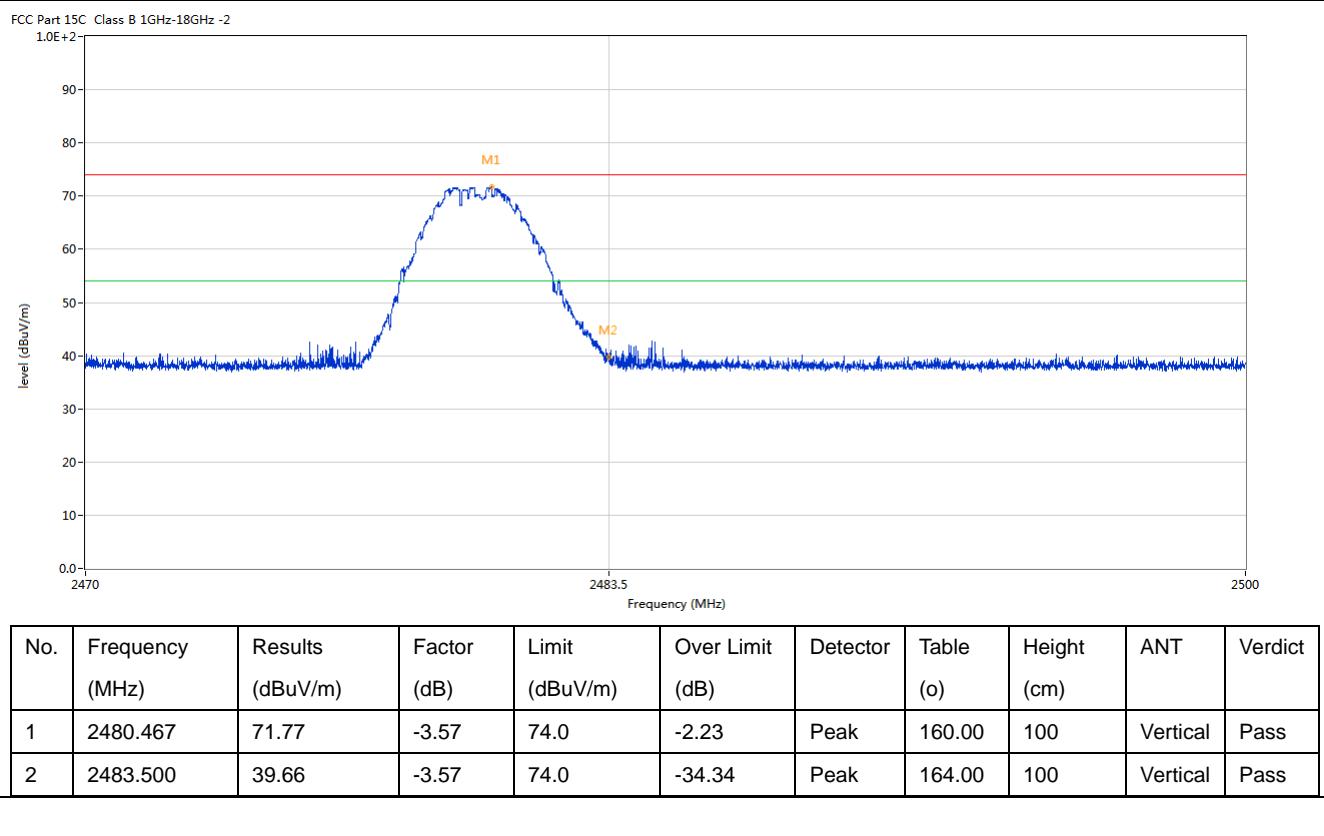
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Product:	REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONS WITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



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

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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 with gain 2.08dBi maximum. It fulfills the requirement of this section.

Test Result: Pass

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

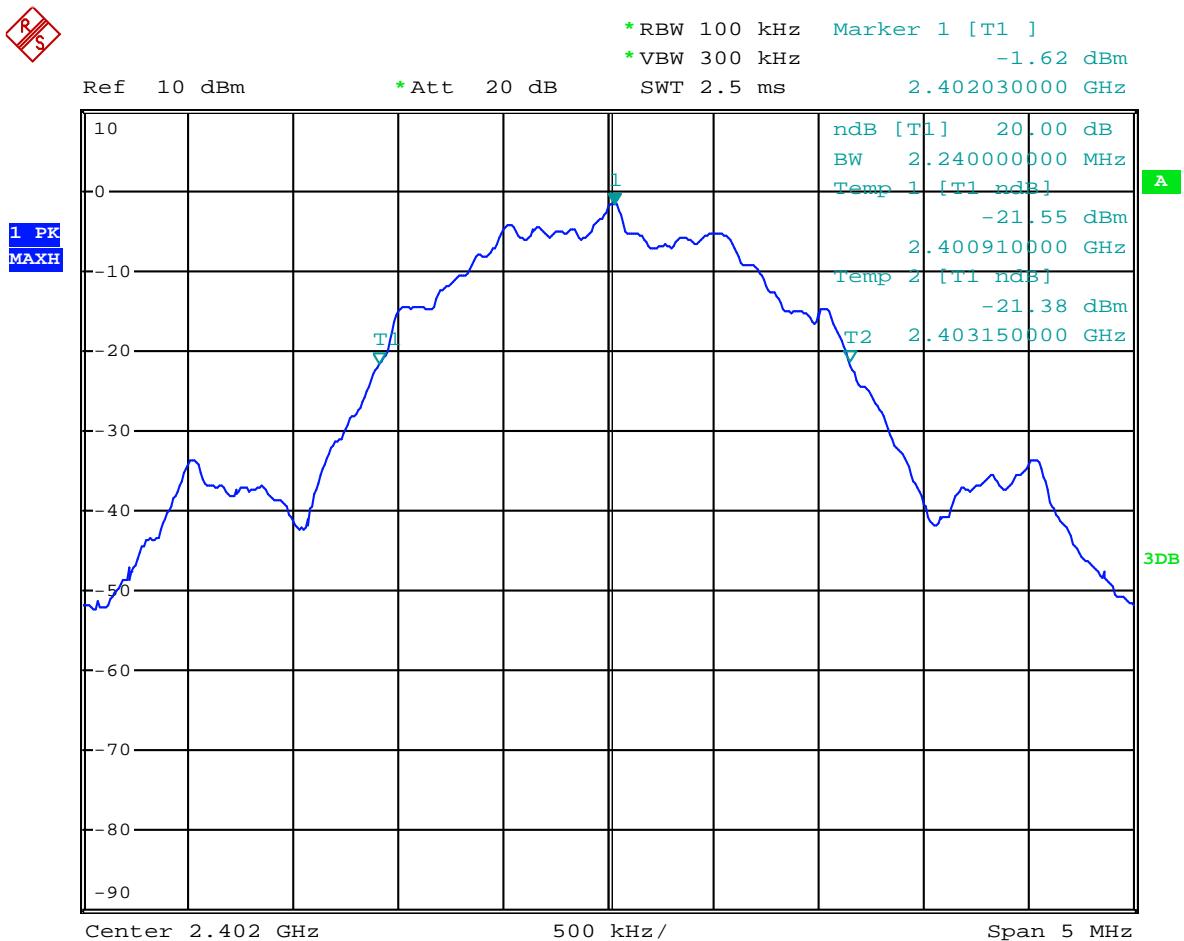
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9.0 20dB Bandwidth Measurement

Product:	REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONS WITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	2.240MHz	--	--



Date: 27.AUG.2025 18:04:17

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Product:	REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONS WITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	2.230MHz	--	--
<p>Ref 10 dBm * Att 20 dB SWT 2.5 ms * RBW 100 kHz Marker 1 [T1] -1.91 dBm * VBW 300 kHz Temp 1 [T1 ndB] 20.00 dB BW 2.230000000 MHz Temp 1 [T1 ndB] -21.85 dBm Temp 2 [T1 ndB] 2.438920000 GHz Temp 2 [T1 ndB] 2.441150000 GHz 1 PK MAXH A 3dB</p>			
<p>Date: 27.AUG.2025 18:07:43</p>			

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Product:	REDRAGON WIRED/2.4G WIRELESS /BT 3 MODES CONNECTIONS WITH LCD SCREEN GASKET MOUNTED MECHANICAL KEYBOARD	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	2.250MHz	--	--
<div style="display: flex; justify-content: space-between;"> Ref 10 dBm *Att 20 dB SWT 2.5 ms *RBW 100 kHz Marker 1 [T1] *VBW 300 kHz -2.29 dBm 2.480030000 GHz </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> 1 PK MAXH A </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Temp 1 [T1 ndB] -22.39 dBm 2.478910000 GHz </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Temp 2 [T1 ndB] -22.67 dBm 2.481160000 GHz </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> 3dB </div>			
<p>Date: 27.AUG.2025 18:10:58</p>			

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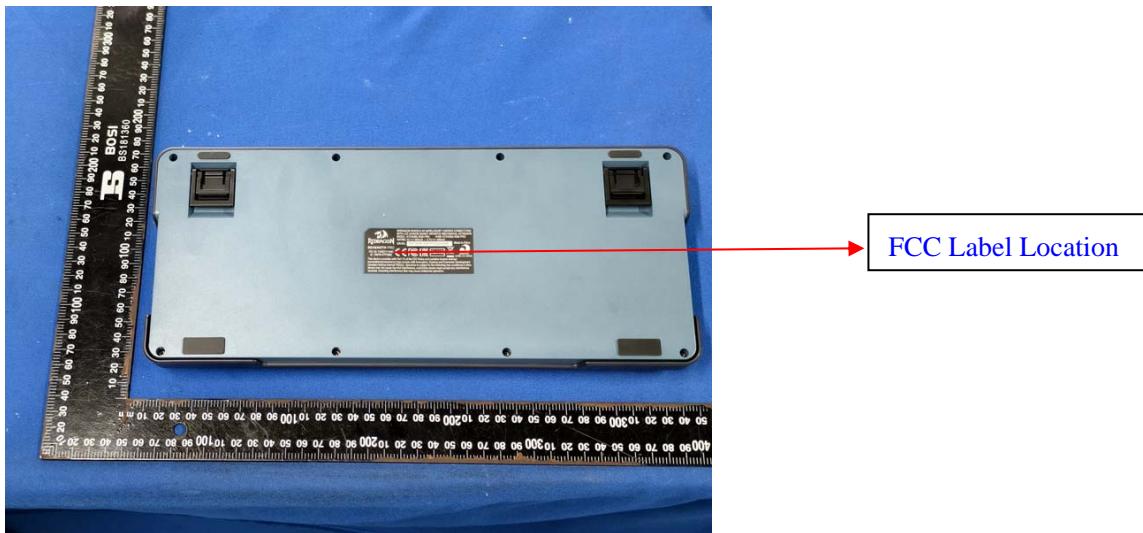
10.0 FCC ID Label

FCC ID: TUVET-7156C

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

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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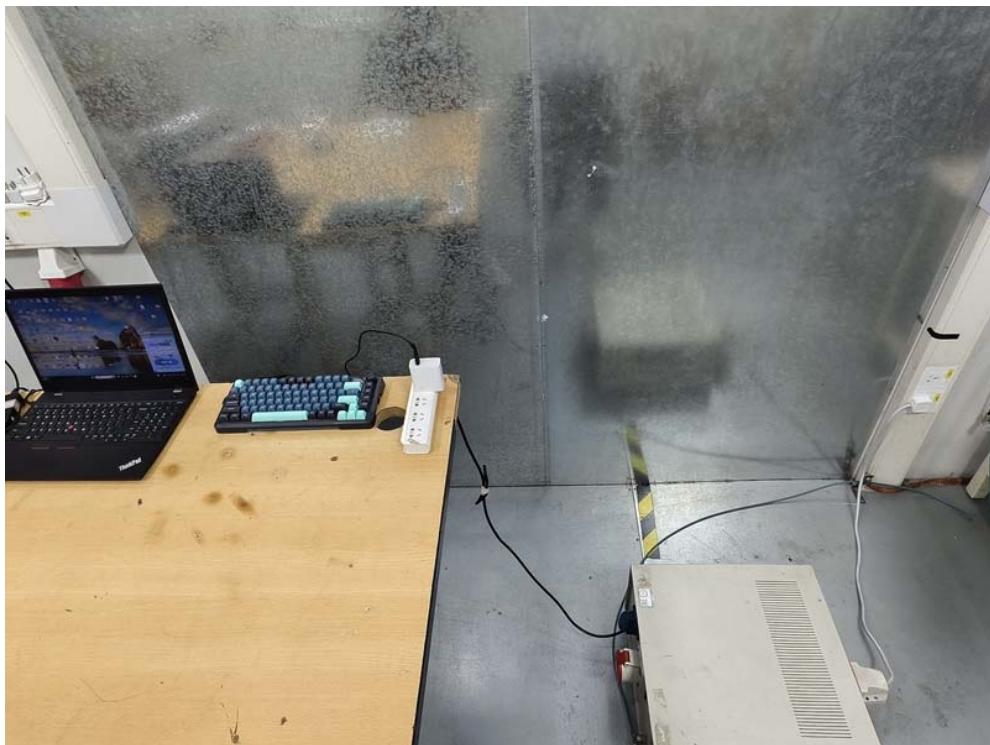
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11.0 Photo of testing

11.1 Conducted test View--



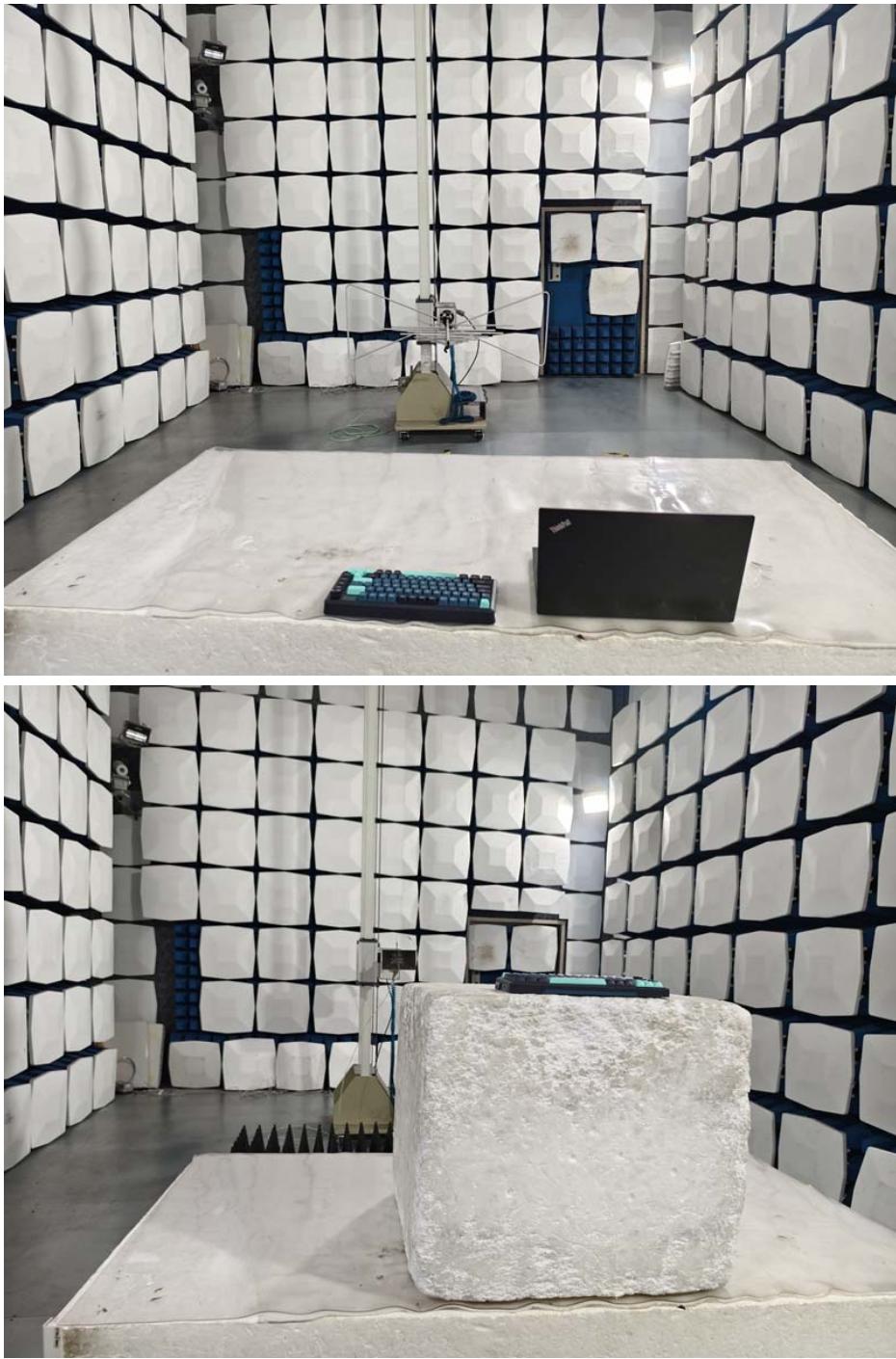
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Radiated emission test view



Photographs – EUT

Please refer test report TWN2507878-01E

--End of the report--

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