



Report No.: TW2411111-02E

Applicant: Eastern Times Technology Co.,Ltd

Product: REDRAGON SCISSORS MECHANISM SLIM WIRELESS KEYBOARD

Model No.: BK-7111, BK-7114WG

Trademark: REDRAGON

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

Terry Tang

Terry Tang

Manager

Dated: November 18, 2024

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.

Industry Canada (IC) —Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada 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
Content

1.0	General Details	4
1.1	Test Lab Details	4
1.2	Applicant Details	4
1.3	Description of EUT	4
1.4	Submitted Sample	4
1.5	Test Duration	5
1.6	Test Uncertainty	5
1.7	Test By	5
2.0	List of Measurement Equipment	6
3.0	Technical Details	7
3.1	Summary of Test Results	7
3.2	Test Standards	7
4.0	EUT Modification	7
5.0	Power Line Conducted Emission Test	8
5.1	Schematics of the Test	8
5.2	Test Method and Test Procedure	8
5.3	Configuration of the EUT	8
5.4	EUT Operating Condition	9
5.5	Conducted Emission Limit	9
5.6	Test Result	9
6.0	Radiated Emission test	12
6.1	Test Method and Test Procedure	12
6.2	Configuration of the EUT	13
6.3	EUT Operation Condition	13
6.4	Radiated Emission Limit	14
6.5	Test Result	15
7.0	Band Edge	25
7.1	Test Method and Test Procedure	25
7.2	Radiated Test Setup	25
7.3	Configuration of the EUT	25
7.4	EUT Operating Condition	25
7.5	Band Edge Limit	25
7.6	Band Edge Test Result	26
8.0	Antenna Requirement	30
9.0	20dB bandwidth measurement	31
10.0	FCC ID Label	34
11.0	Photo of Test Setup and EUT View	35

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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 SCISSORS MECHANISM SLIM WIRELESS KEYBOARD
Manufacturer: Eastern Times Technology Co.,Ltd
Address: Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City, Guangdong, China.
Trademark: REDRAGON
Additional Trademark: N/A
Model Number: BK-7111
Additional Model Name BK-7114WG
Hardware Version: DD225B
Software Version: 7114-A TX V1
Serial No.: BK-7111: RDBK-711124070402503
BK-7114WG: RDBK-7114GB24063001155
Rating: BK-7114WG: DC5V, 3.7mA;
BK-7111: DC3V, 4.7mA
Battery: BK-7111: DC3V, 2pcs AAA batteries;
BK-7114WG: DC3.7V, 400mAh Li-ion battery
Modulation Type: GFSK
Operation Frequency: 2402-2480MHz
Channel Separate: 1MHz
Channel Number: 79

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Antenna Designation PCB antenna with gain -1.66dBi Max (Get from the antenna specification)

1.4 Submitted Sample: 2 Samples

1.5 Test Duration

2024-11-13 to 2024-11-18

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

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	2024-07-12	2025-07-11
LISN	R&S	EZH3-Z5	100294	2024-07-12	2025-07-11
LISN	R&S	EZH3-Z5	100253	2024-07-12	2025-07-11
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2024-07-12	2025-07-11
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2024-07-12	2025-07-11
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18	2025-07-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2022-07-18	2025-07-17
Power meter	Anritsu	ML2487A	6K00003613	2024-07-12	2025-07-11
Power sensor	Anritsu	MA2491A	32263	2024-07-12	2025-07-11
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2022-07-18	2025-07-17
9*6*6 Anechoic	--	--	N/A	2022-07-26	2025-07-25
EMI Test Receiver	RS	ESVB	826156/011	2024-07-12	2025-07-11
EMI Test Receiver	RS	ESCS 30	834115/006	2024-07-12	2025-07-11
Spectrum	HP/Agilent	E4407B	MY50441392	2024-07-12	2025-07-11
Spectrum	RS	FSP	1164.4391.38	2024-07-12	2025-07-11
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA	--	2024-07-12	2025-07-11
RF Cable	Zhengdi	7m	--	2024-07-12	2025-07-11
Pre-Amplifier	Schwarebeck	BBV9743	#218	2024-07-12	2025-07-11
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2024-07-12	2025-07-11
LISN	SCHAFFNER	NNB42	00012	2024-07-12	2025-07-11
ESPI Test Receiver	R&S	ESPI 3	100379	2024-07-12	2025-07-11
LISN	R&S	EZH3-Z5	100294	2024-07-12	2025-07-11

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 , ANSI C63.4 :2014 and ANSI C63.10 :2013

4.0 EUT Modification

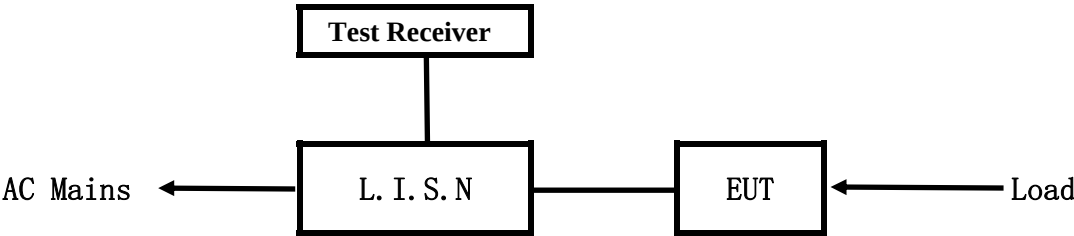
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5. Power Line Conducted Emission Test

5.1 Schematics of the test



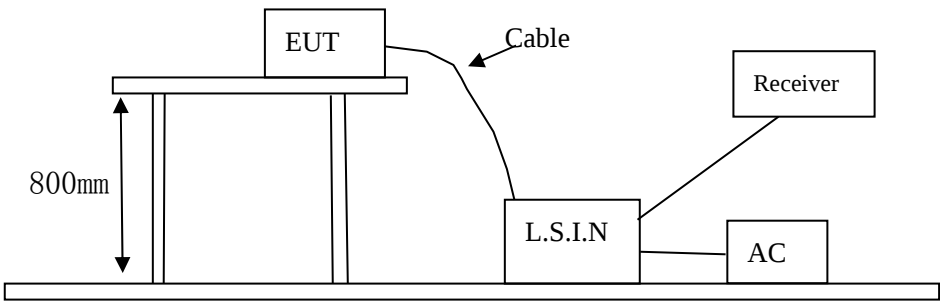
EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. 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 –2013.

Test Voltage: 120V~, 60Hz

Block diagram of Test setup



5.3 Configuration of the EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

79 channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
REDRAGON SCISSORS MECHANISM SLIM WIRELESS KEYBOARD	Eastern Times Technology Co.,Ltd	BK-7111, BK-7114WG	TUVET-7114A



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

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10-2013

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

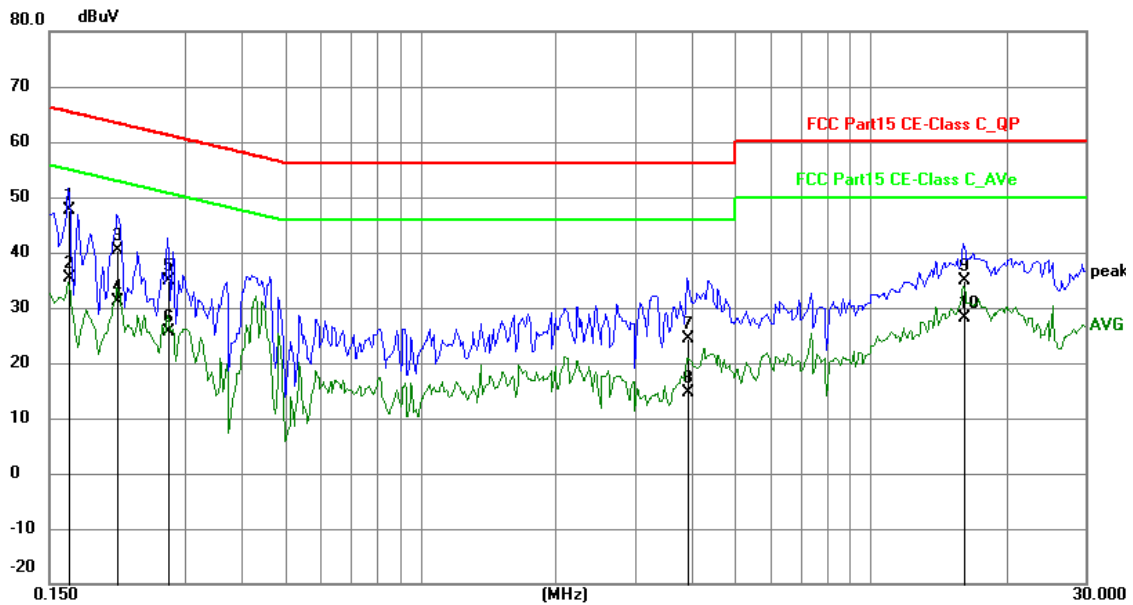
Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Charging and Communication by BT

Model: BK-7114WG

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	0.1655	37.37	10.33	47.70	65.18	-17.48	QP	P
2	0.1655	25.14	10.33	35.47	55.18	-19.71	AVG	P
3	0.2124	29.96	10.32	40.28	63.11	-22.83	QP	P
4	0.2124	20.69	10.32	31.01	53.11	-22.10	AVG	P
5	0.2748	24.61	10.34	34.95	60.97	-26.02	QP	P
6	0.2748	15.27	10.34	25.61	50.97	-25.36	AVG	P
7	3.9126	12.30	12.00	24.30	56.00	-31.70	QP	P
8	3.9126	2.71	12.00	14.71	46.00	-31.29	AVG	P
9	16.1118	19.45	15.42	34.87	60.00	-25.13	QP	P
10	16.1118	12.78	15.42	28.20	50.00	-21.80	AVG	P

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

EUT Operating Environment

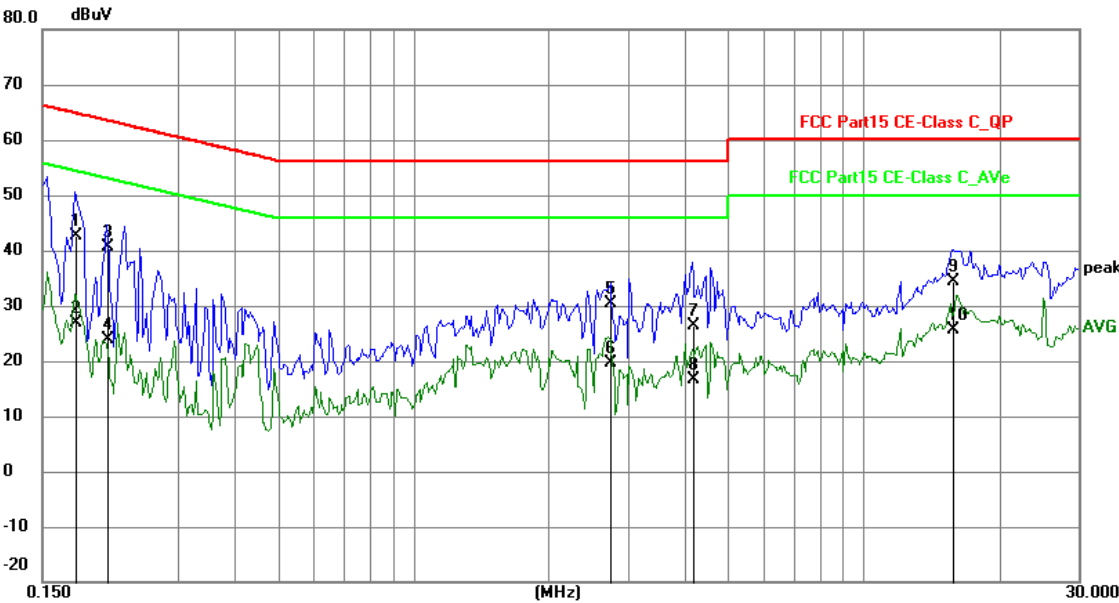
Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Charging and Communication by BT

Model: BK-7114WG

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	0.1773	32.40	10.33	42.73	64.61	-21.88	QP	P
2	0.1773	16.57	10.33	26.90	54.61	-27.71	AVG	P
3	0.2085	30.33	10.32	40.65	63.26	-22.61	QP	P
4	0.2085	13.64	10.32	23.96	53.26	-29.30	AVG	P
5	2.7357	18.79	11.58	30.37	56.00	-25.63	QP	P
6	2.7357	8.14	11.58	19.72	46.00	-26.28	AVG	P
7	4.1583	14.41	12.07	26.48	56.00	-29.52	QP	P
8	4.1583	4.47	12.07	16.54	46.00	-29.46	AVG	P
9	15.7803	19.03	15.33	34.36	60.00	-25.64	QP	P
10	15.7803	10.33	15.33	25.66	50.00	-24.34	AVG	P

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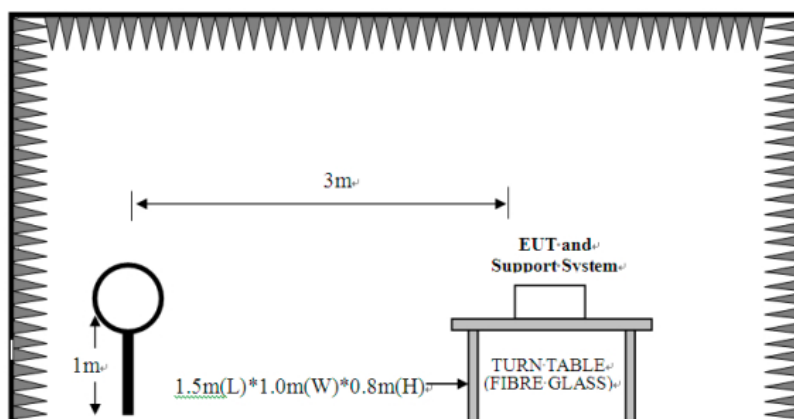
6 Radiated Emission Test

6.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10-2013. 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 C63.10-2013.
- (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 high 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



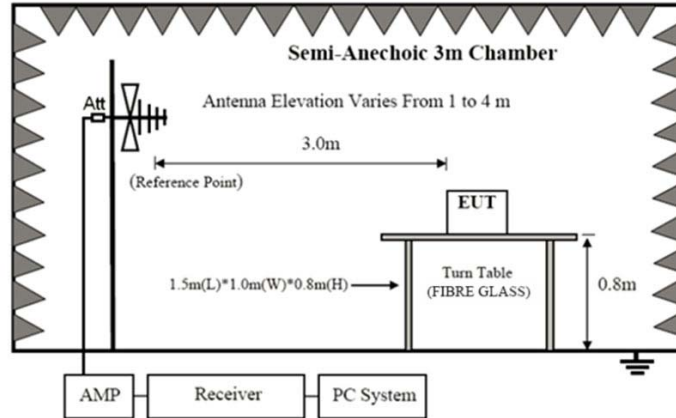
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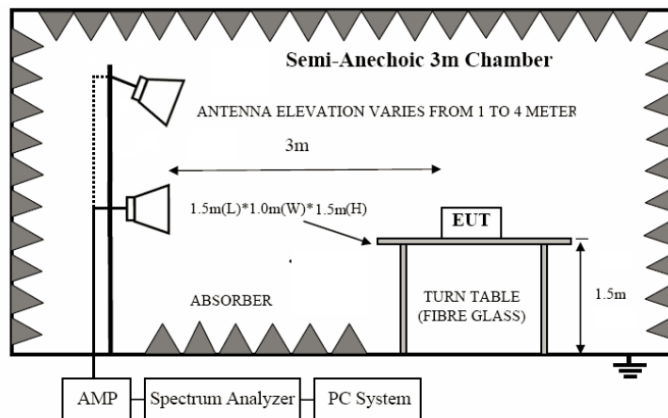
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For radiated emissions from 30MHz to 1GHz



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:

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 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	$20\log(2400/F(\text{kHz})) + 40\log(300/3)$
0.490-1.705	3	$20\log(24000/F(\text{kHz})) + 40\log(30/3)$
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 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 was used during tests or new batteries were used during tests

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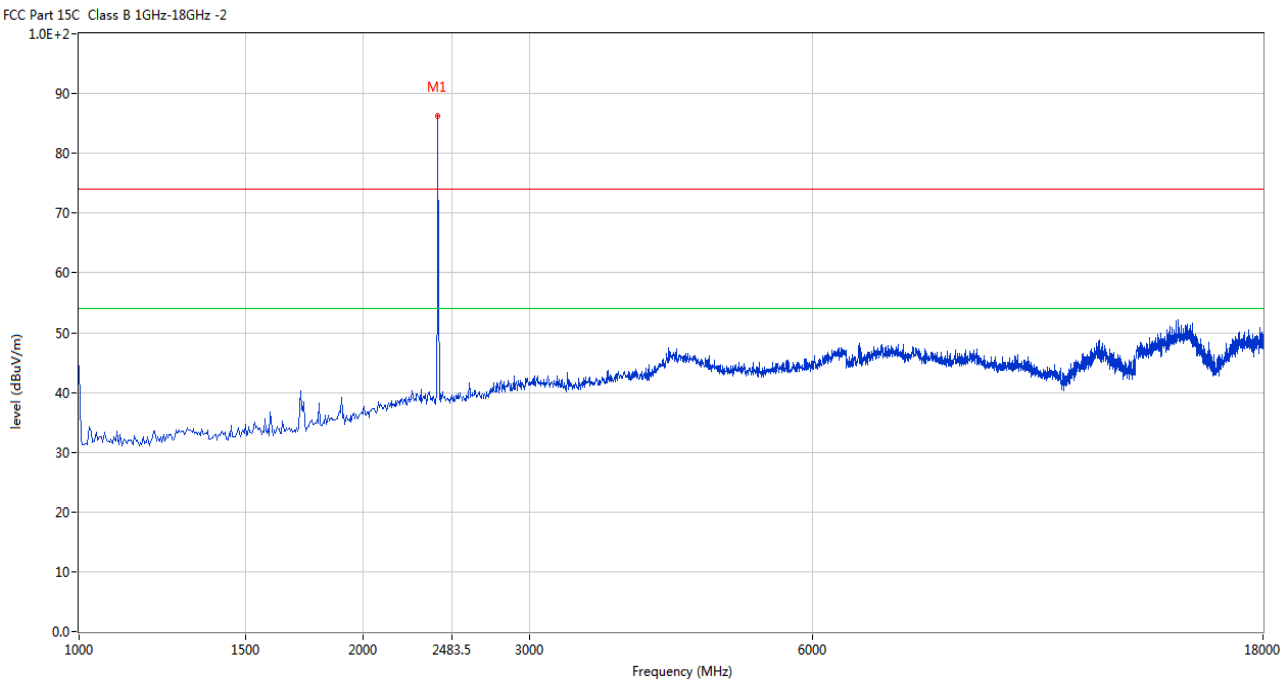
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6.5 Test result
A Fundamental & Harmonics Radiated Emission Data

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

Horizontal

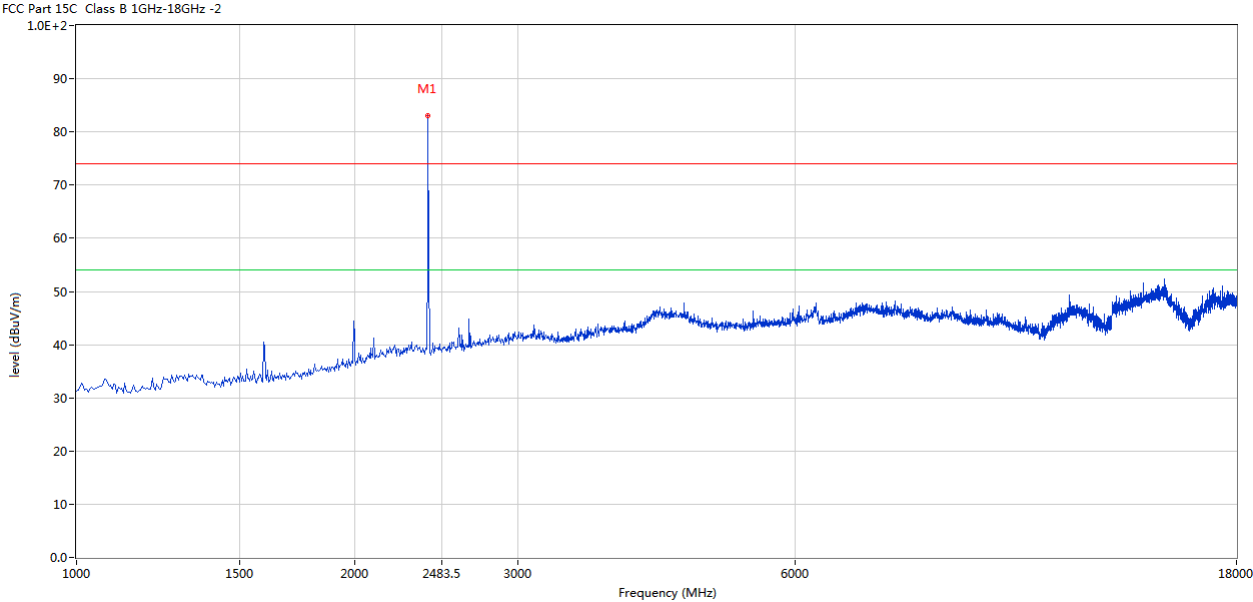


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	86.22	-3.57	114.0	-27.78	Peak	167.00	100	Horizontal	Pass

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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	83.09	-3.57	114.0	-30.91	Peak	111.00	100	Vertical	Pass

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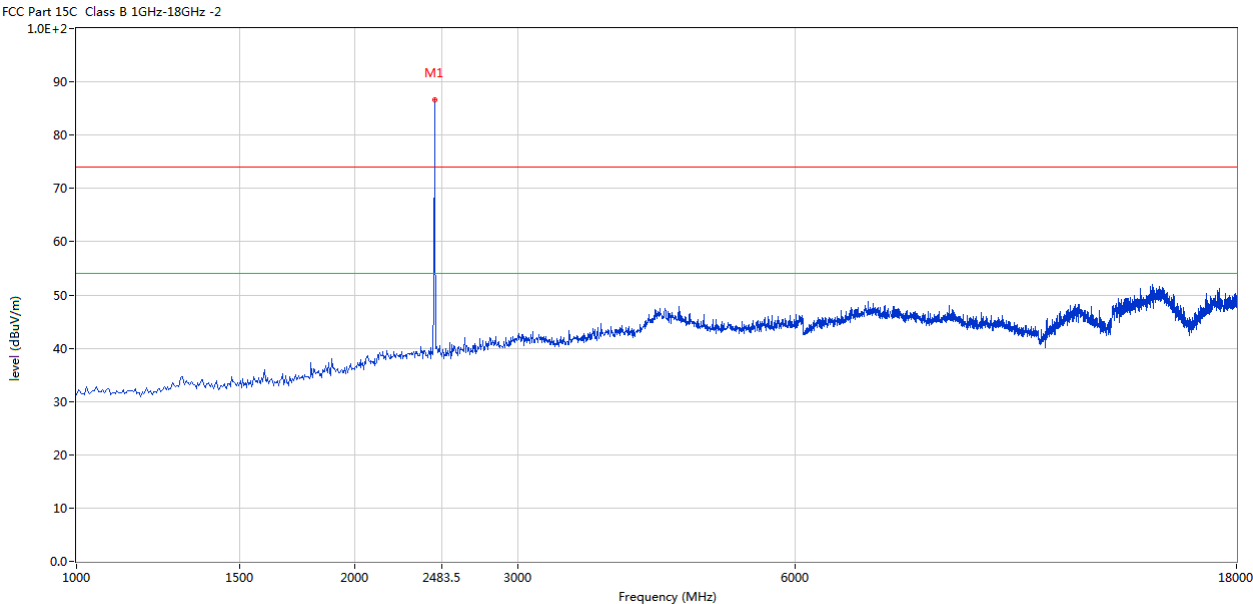
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal

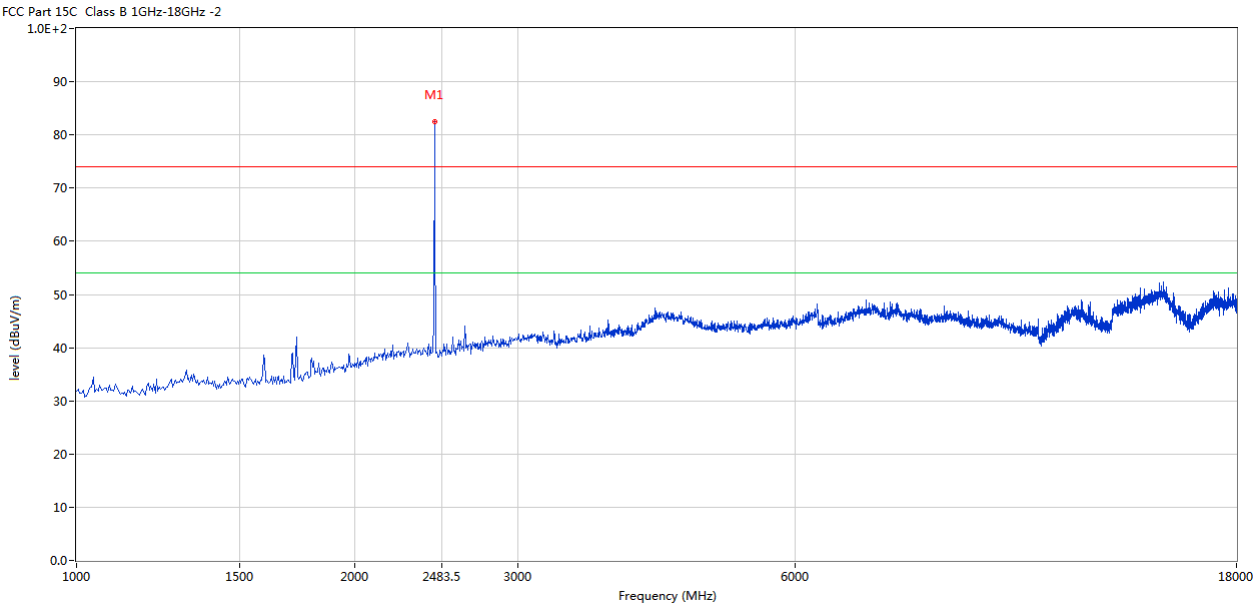


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2441	86.72	-3.57	114.0	-27.28	Peak	169.00	100	Horizontal	Pass

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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2441	82.57	-3.57	114.0	-31.43	Peak	15.00	100	Vertical	Pass

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

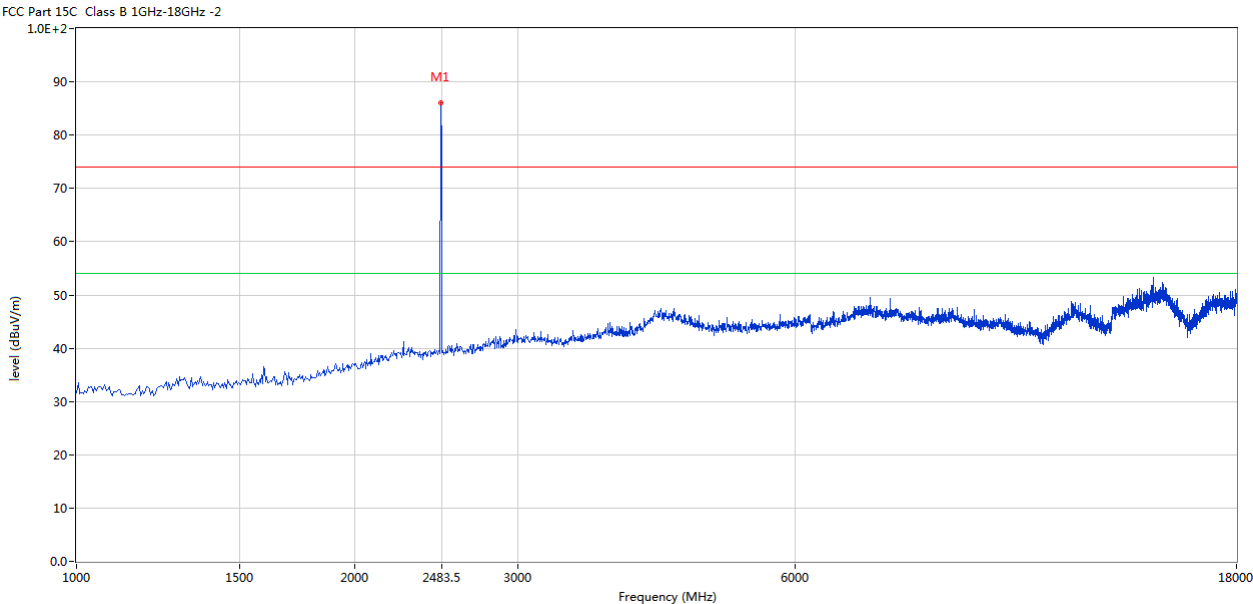
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal

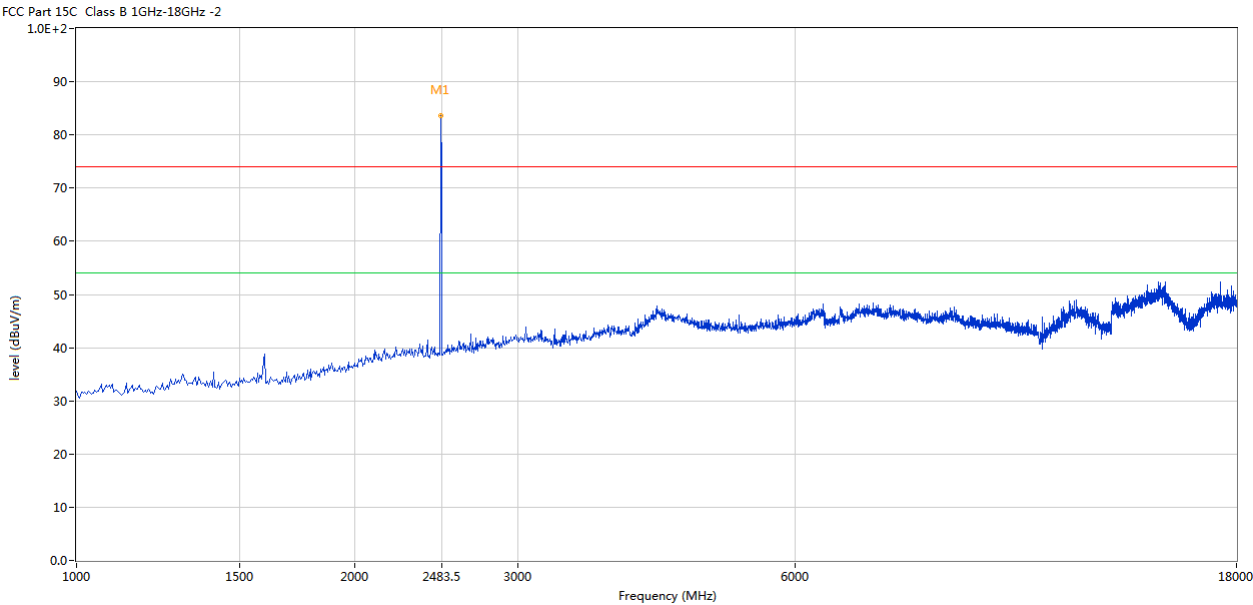


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	86.05	-3.57	114.0	-27.95	Peak	159.00	100	Horizontal	Pass

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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	83.64	-3.57	114.0	-30.36	Peak	10.00	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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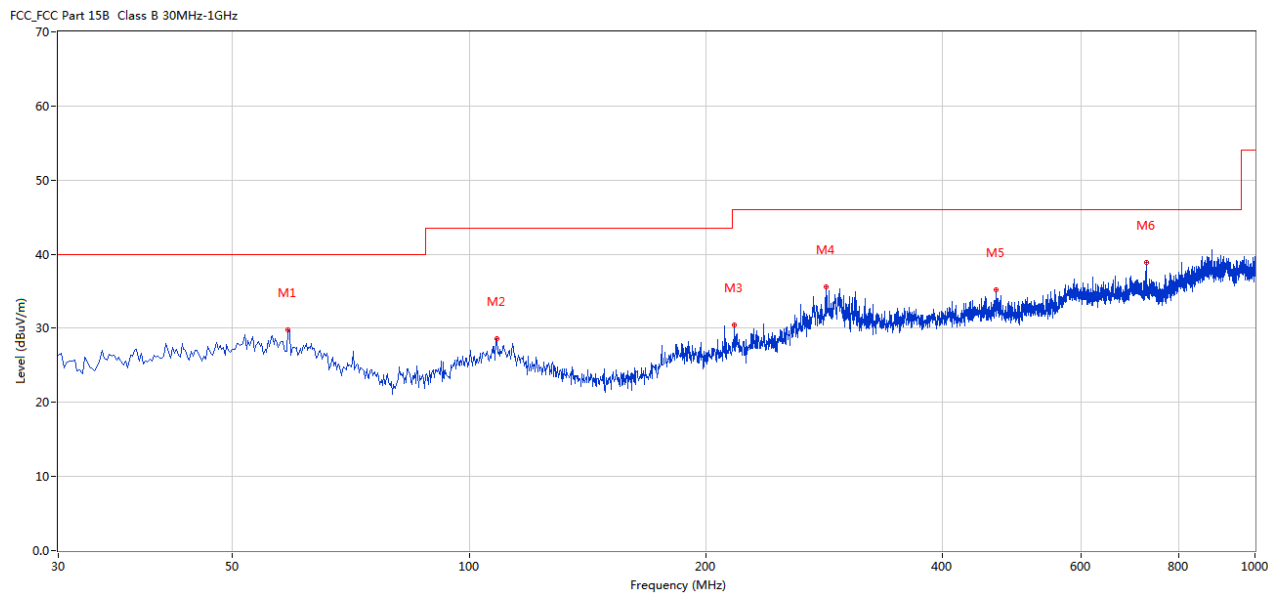


B. General Radiated Emission Data
Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting
Model: BK-7111

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	58.850	29.79	-5.19	40.0	10.21	Peak	277.00	100	Horizontal	Pass
2	108.550	28.56	-5.98	43.5	14.94	Peak	112.00	100	Horizontal	Pass
3	217.648	30.51	-6.40	46.0	15.49	Peak	270.00	100	Horizontal	Pass
4	284.804	35.63	-4.57	46.0	10.37	Peak	262.00	100	Horizontal	Pass
5	468.330	35.25	-0.14	46.0	10.75	Peak	103.00	100	Horizontal	Pass
6	726.771	38.90	2.24	46.0	7.10	Peak	13.00	100	Horizontal	Pass

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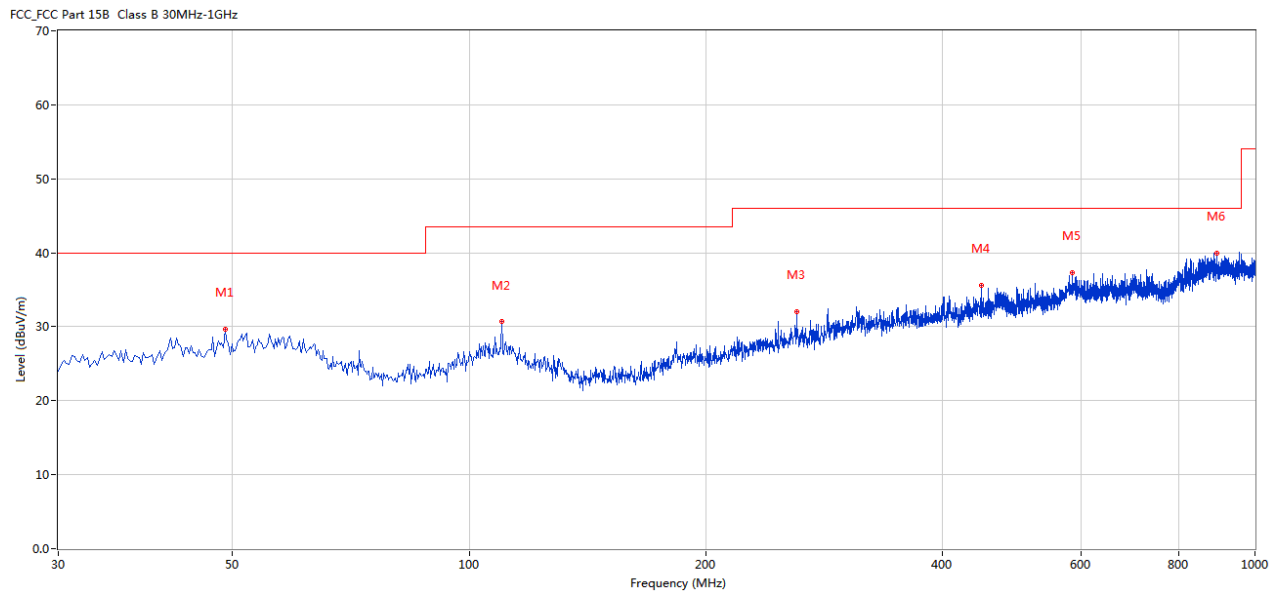


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting
Model: BK-7111

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	48.910	29.64	-5.26	40.0	10.36	Peak	172.00	100	Vertical	Pass
2	110.005	30.66	-5.92	43.5	12.84	Peak	82.00	100	Vertical	Pass
3	261.287	32.04	-4.94	46.0	13.96	Peak	340.00	100	Vertical	Pass
4	448.208	35.64	-0.94	46.0	10.36	Peak	278.00	100	Vertical	Pass
5	585.186	37.31	1.75	46.0	8.69	Peak	140.00	100	Vertical	Pass
6	893.812	39.92	4.83	46.0	6.08	Peak	199.00	100	Vertical	Pass

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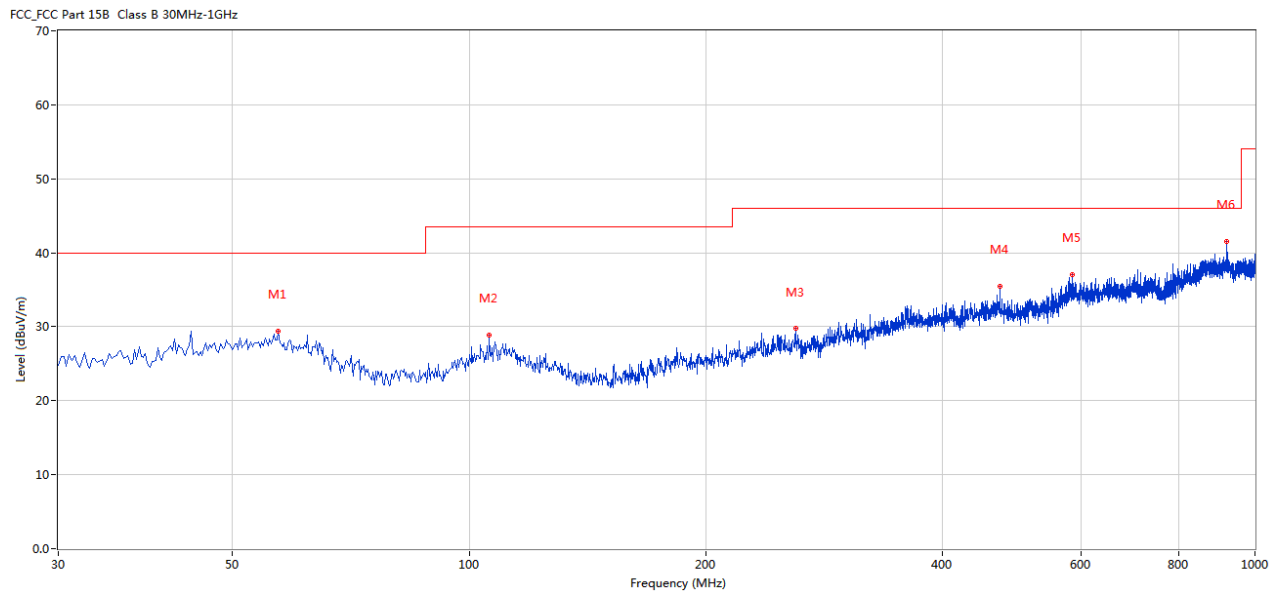
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Model: BK-7114WG

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	57.153	29.39	-4.95	40.0	10.61	Peak	75.00	100	Horizontal	Pass
2	106.126	28.84	-6.16	43.5	14.66	Peak	354.00	100	Horizontal	Pass
3	260.075	29.73	-4.75	46.0	16.27	Peak	218.00	100	Horizontal	Pass
4	473.664	35.45	-0.39	46.0	10.55	Peak	101.00	100	Horizontal	Pass
5	584.701	36.99	1.73	46.0	9.01	Peak	244.00	100	Horizontal	Pass
6	919.510	41.49	5.50	46.0	4.51	Peak	218.00	100	Horizontal	Pass

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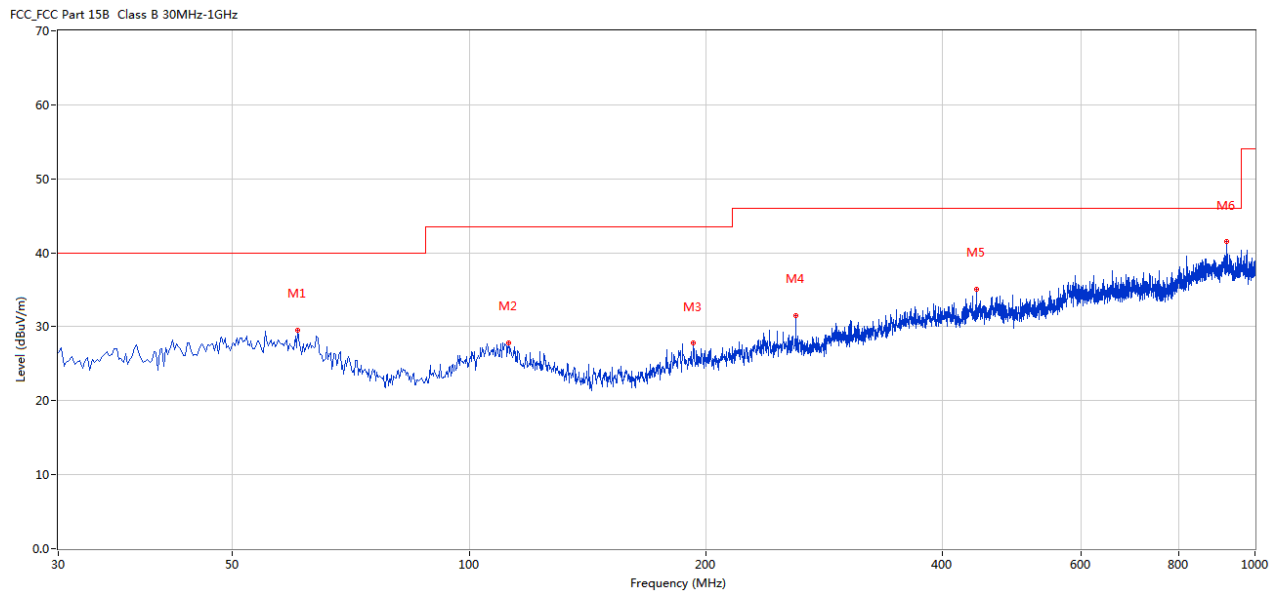
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Model: BK-7114WG

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	60.547	29.48	-5.48	40.0	10.52	Peak	172.00	100	Vertical	Pass
2	112.187	27.77	-6.18	43.5	15.73	Peak	124.00	100	Vertical	Pass
3	192.919	27.75	-7.25	43.5	15.75	Peak	107.00	100	Vertical	Pass
4	260.317	31.49	-4.78	46.0	14.51	Peak	181.00	100	Vertical	Pass
5	441.662	35.03	-0.90	46.0	10.97	Peak	312.00	100	Vertical	Pass
6	920.237	41.46	5.60	46.0	4.54	Peak	15.00	100	Vertical	Pass

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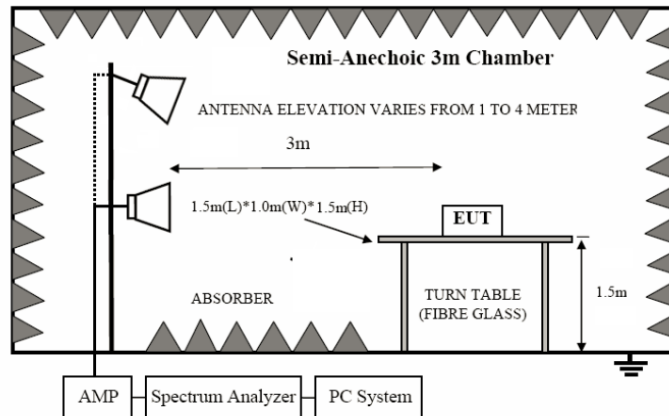


7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10–2013. 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.

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

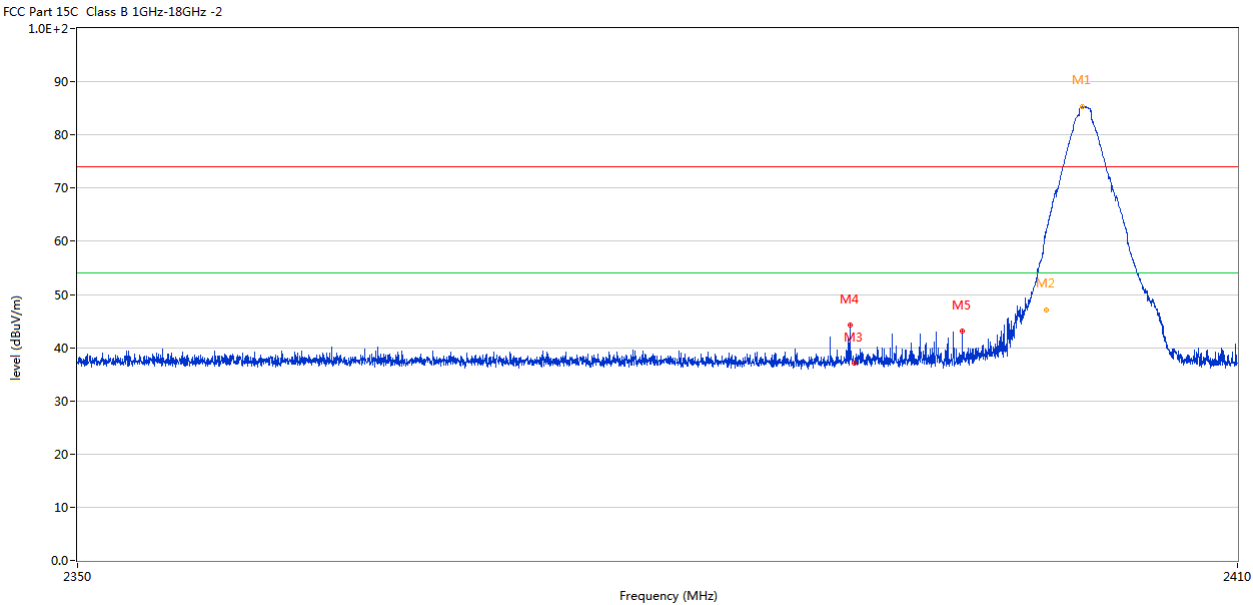
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7.6 Test Result

Product:	REDRAGON SCISSORS MECHANISM SLIM WIRELESS 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	2401.872	85.27	-3.57	74.0	11.27	Peak	164.00	100	Horizontal	N/A
2	2400.027	62.27	-3.57	74.0	-11.73	Peak	164.00	100	Horizontal	Pass
2**	2400.027	47.00	-3.57	54.0	-7.00	AV	164.00	100	Horizontal	Pass
3	2390.025	37.09	-3.53	74.0	-36.91	Peak	50.00	100	Horizontal	Pass
4	2389.785	44.17	-3.53	74.0	-29.83	Peak	154.00	100	Horizontal	Pass
5	2395.634	43.03	-3.55	74.0	-30.97	Peak	154.00	100	Horizontal	Pass

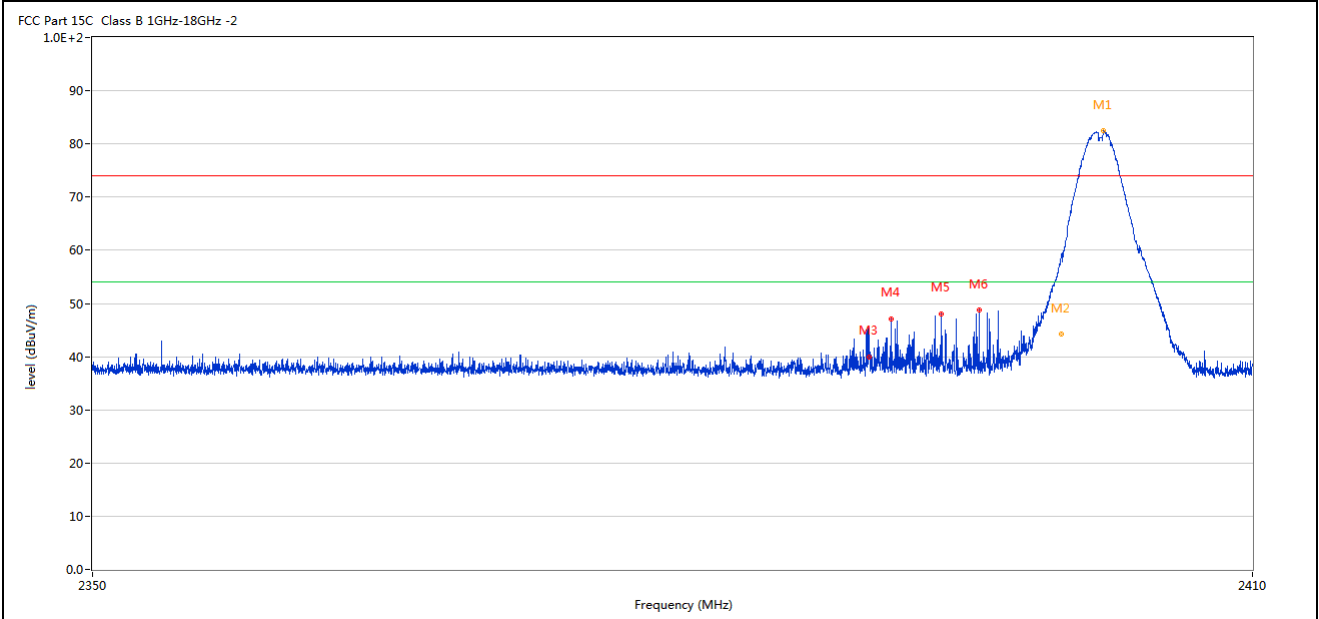
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Product:	REDRAGON SCISSORS MECHANISM SLIM WIRELESS KEYBOARD	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402.217	82.57	-3.57	74.0	8.57	Peak	100.00	100	Vertical	N/A
2	2400.027	59.34	-3.57	74.0	-14.66	Peak	81.00	100	Vertical	Pass
2**	2400.027	44.19	-3.57	54.0	-9.81	AV	81.00	100	Vertical	Pass
3	2390.010	39.88	-3.53	74.0	-34.12	Peak	254.00	100	Vertical	Pass
4	2391.150	47.14	-3.53	74.0	-26.86	Peak	110.00	100	Vertical	Pass
5	2393.774	48.04	-3.54	74.0	-25.96	Peak	100.00	100	Vertical	Pass
6	2395.724	48.74	-3.55	74.0	-25.26	Peak	40.00	100	Vertical	Pass

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Product:	REDRAGON SCISSORS MECHANISM SLIM WIRELESS KEYBOARD	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--

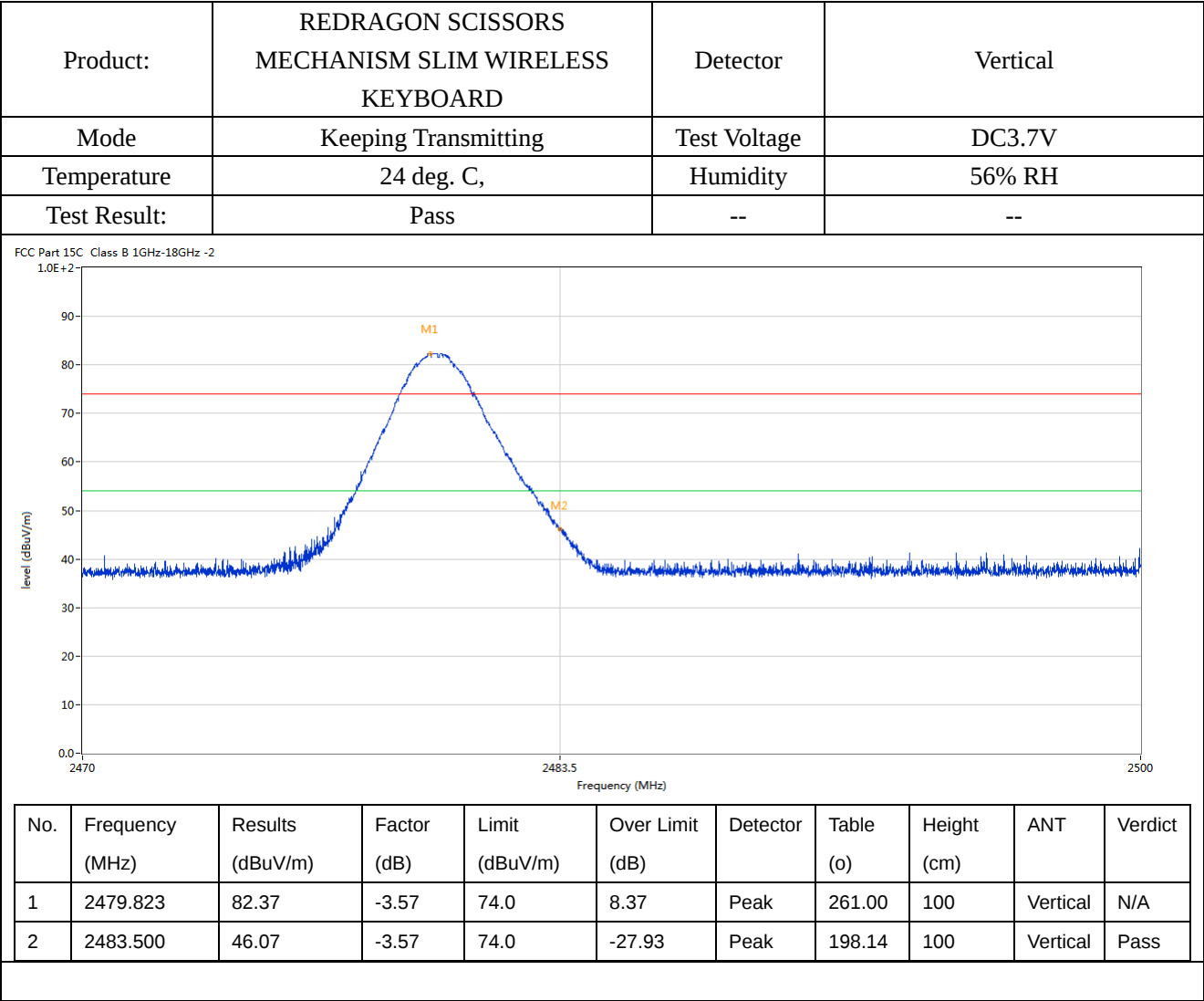
FCC Part 15C Class B 1GHz-18GHz -2

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480.137	85.58	-3.57	74.0	11.58	Peak	170.00	100	Horizontal	N/A
2	2483.500	47.78	-3.57	74.0	-26.22	Peak	147.00	100	Horizontal	Pass

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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 -1.66dBi maximum. It fulfills the requirement of this section.

Test Result: Pass

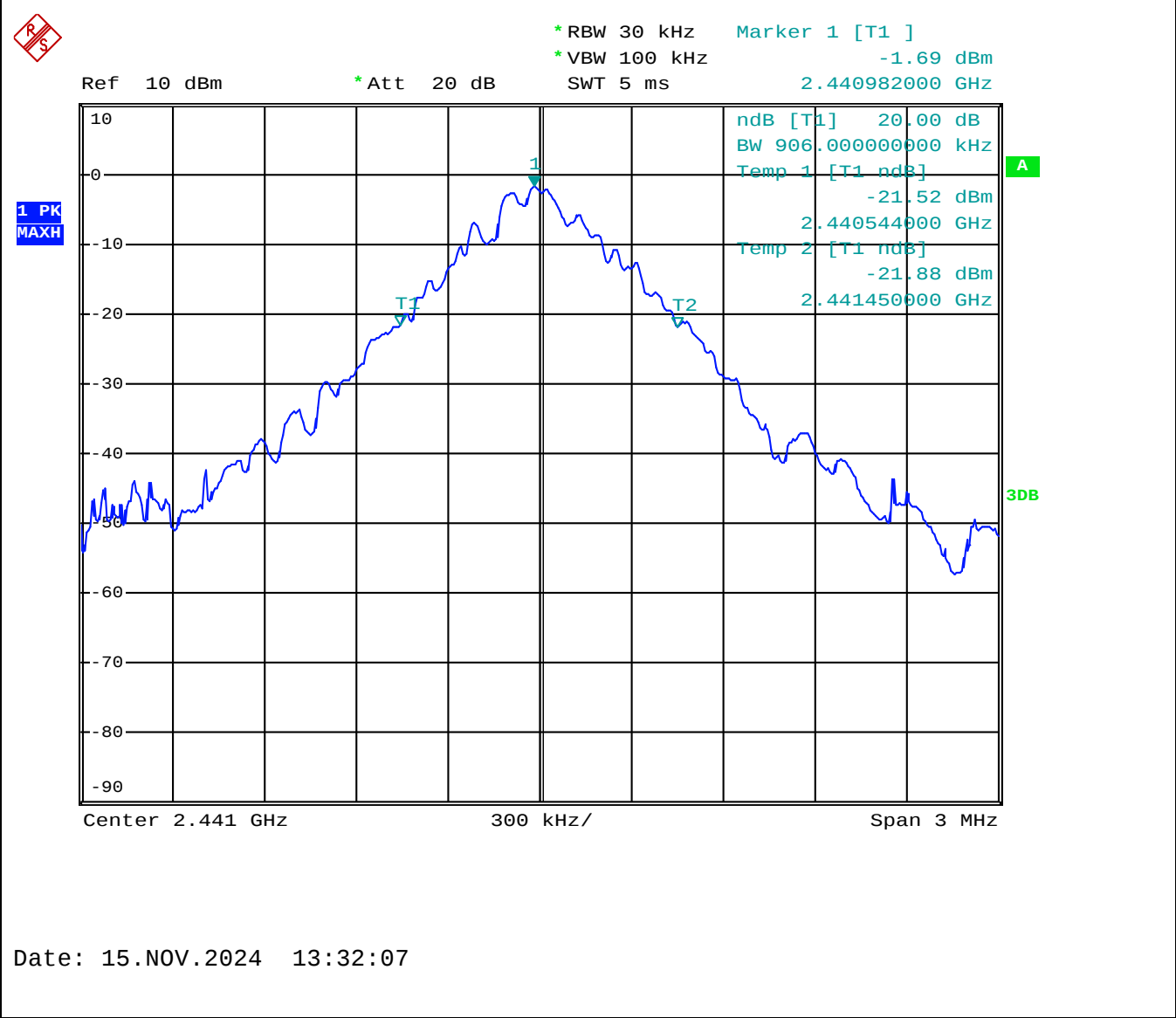
The report refers only to the sample tested and does not apply to the bulk.

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In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES, reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



Product:	REDRAGON SCISSORS MECHANISM SLIM WIRELESS 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	906kHz	--	--



The report refers only to the sample tested and does not apply to the bulk.
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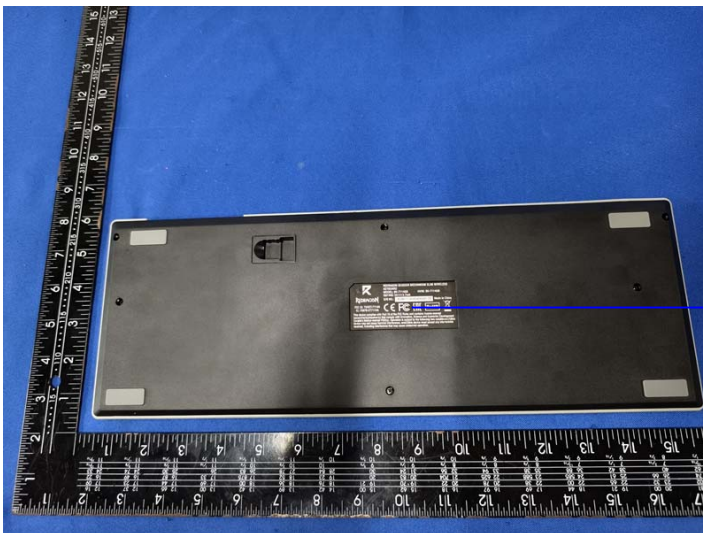
10.0 FCC ID Label

FCC ID: TUVET-7114A

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:



FCC Label Location

Model: BK-7114WG



FCC Label Location

Model: BK-7111

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

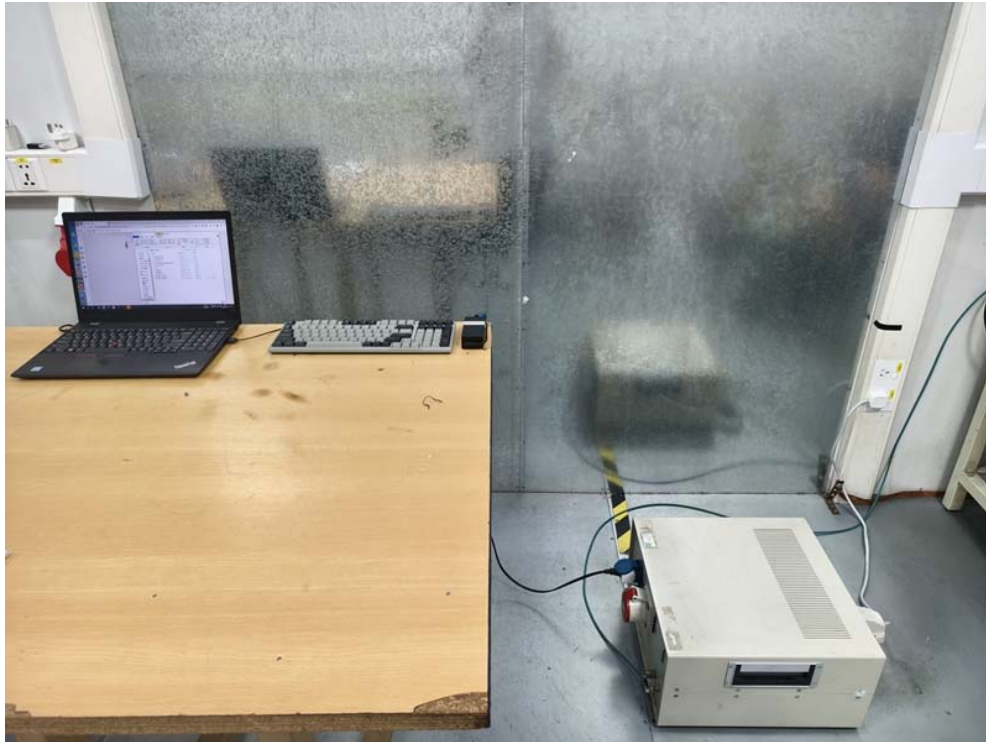
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11.0 Photo of testing

11.1 Conducted test View-- Model: BK-7114WG



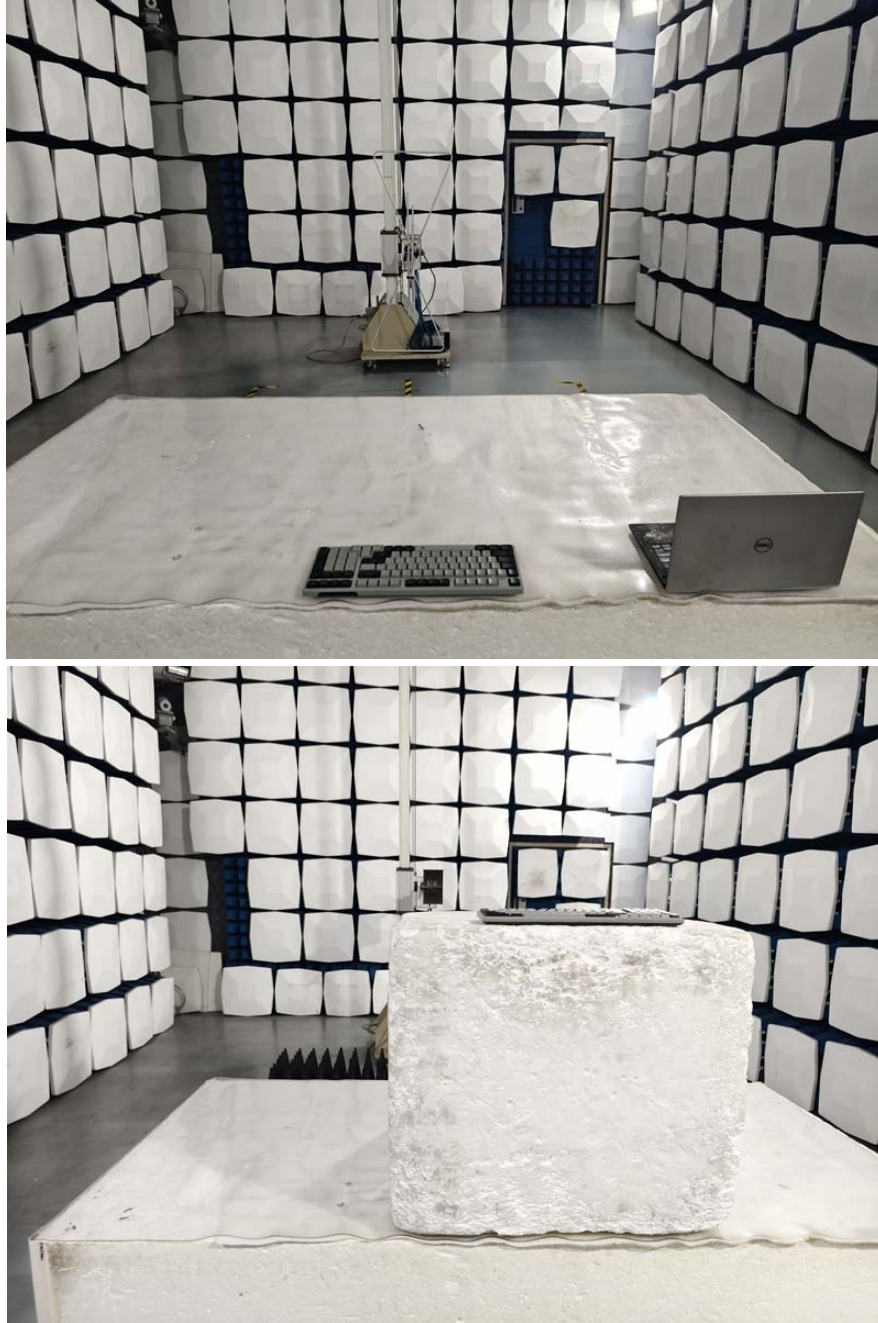
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Radiated emission test view- Model: BK-7114WG



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Radiated emission test view- Model: BK-7111



Photographs – EUT

Please refer test report TW2411111-01E

--End of the report--

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

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