



Report No.: TW2501085-02E

Applicant: Eastern Times Technology Co.,Ltd

Product: 3 MODES CONNECTION RGB GAMING MOUSE

Model No.: M991RGB-PRO, DS-2891, M991W-RGB-PRO

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: May 30, 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.

#### **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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## 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: 3 MODES CONNECTION RGB GAMING MOUSE  
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: M991RGB-PRO  
Additional Model Name: DS-2891, M991W-RGB-PRO  
Hardware Version: 2891-G1 TX V2  
Software Version: bf9f7de1  
Serial No.: RDM991RGB-PRO24122500001  
Rating: Input: DC5V, 320mA or DC3.7V, 57mA  
Battery: DC3.7V, 1000mAh 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 2.34dBi Max (Get from the antenna specification)

### 1.4 Submitted Sample: 2 Samples

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1.5 Test Duration

2025-01-09 to 2025-05-30

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

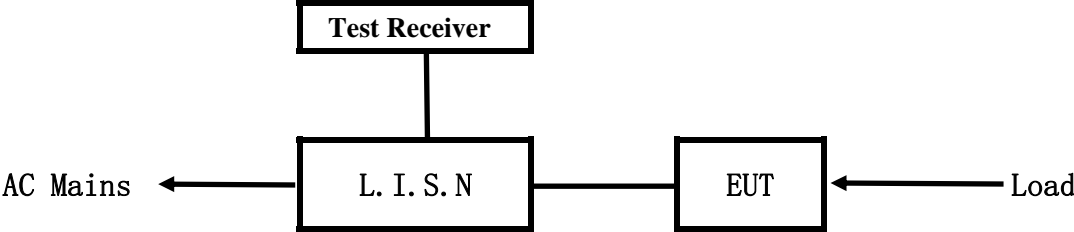
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5. Power Line Conducted Emission Test

5.1 Schematics of the test



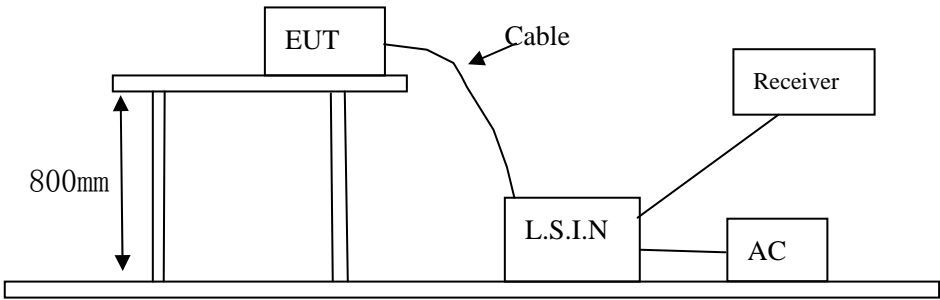
EUT: Equipment Under Test

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
3 MODES CONNECTION RGB GAMING MOUSE	Eastern Times Technology Co.,Ltd	M991RGB-PRO, DS-2891, M991W-RGB-PRO	TUVDS-2891G

B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
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N/A			
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C. Peripherals

Device	Manufacturer	Model	Rating
Power Supply	Xiaomi	MDY-12-EF	Input: 100-240V~, 50/60Hz, 1.7A; Output: DC5V, 3A; 5-20A; 6.2- 3.25A(67W Max)

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 $\mu$ 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)**

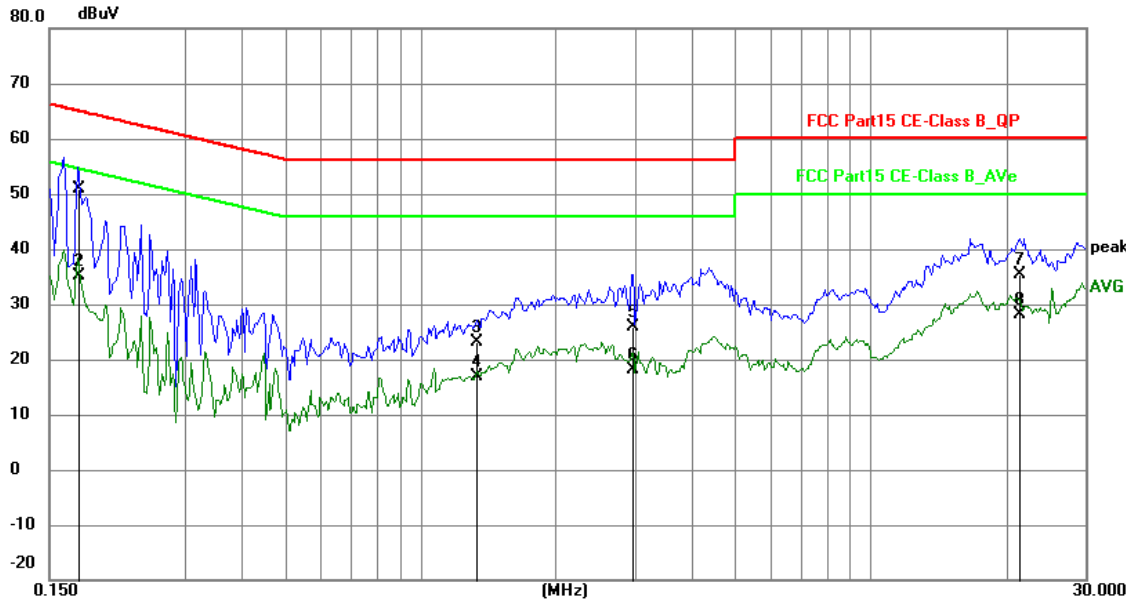
**EUT Operating Environment**

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	40.56	10.33	50.89	64.80	-13.91	QP	P
2	0.1734	24.90	10.33	35.23	54.80	-19.57	AVG	P
3	1.3356	12.30	10.78	23.08	56.00	-32.92	QP	P
4	1.3356	6.03	10.78	16.81	46.00	-29.19	AVG	P
5	2.9619	14.10	11.66	25.76	56.00	-30.24	QP	P
6	2.9619	6.35	11.66	18.01	46.00	-27.99	AVG	P
7	21.4587	19.25	16.12	35.37	60.00	-24.63	QP	P
8	21.4587	12.11	16.12	28.23	50.00	-21.77	AVG	P

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

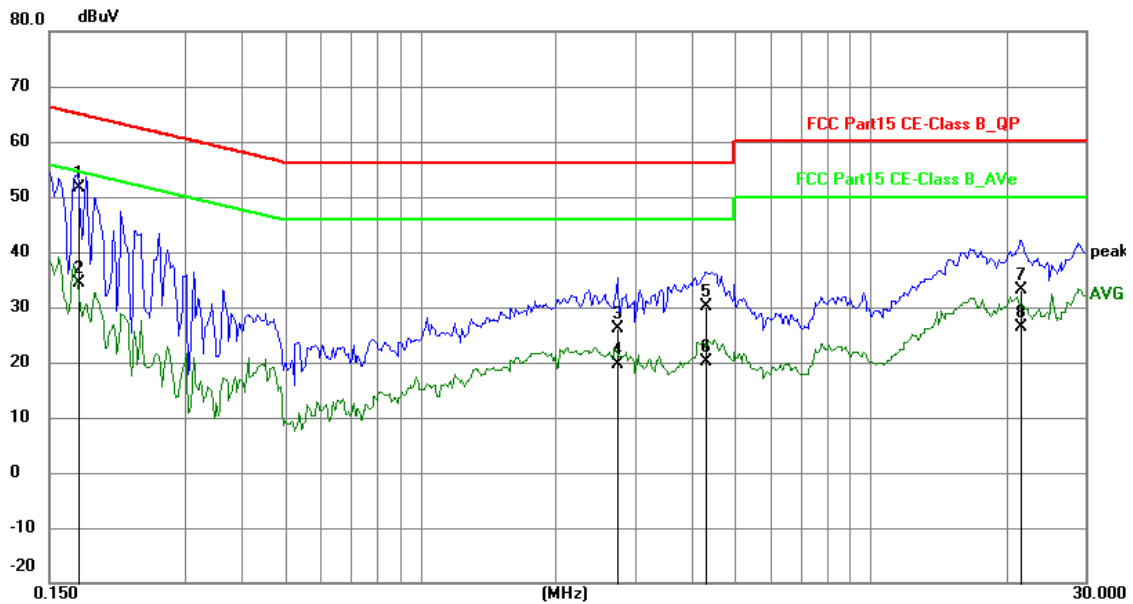
**EUT Operating Environment**

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	41.32	10.33	51.65	64.80	-13.15	QP	P
2	0.1734	24.04	10.33	34.37	54.80	-20.43	AVG	P
3	2.7435	14.56	11.58	26.14	56.00	-29.86	QP	P
4	2.7435	7.93	11.58	19.51	46.00	-26.49	AVG	P
5	4.3065	18.09	12.11	30.20	56.00	-25.80	QP	P
6	4.3065	8.00	12.11	20.11	46.00	-25.89	AVG	P
7	21.5717	17.10	16.10	33.20	60.00	-26.80	QP	P
8	21.5717	10.17	16.10	26.27	50.00	-23.73	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



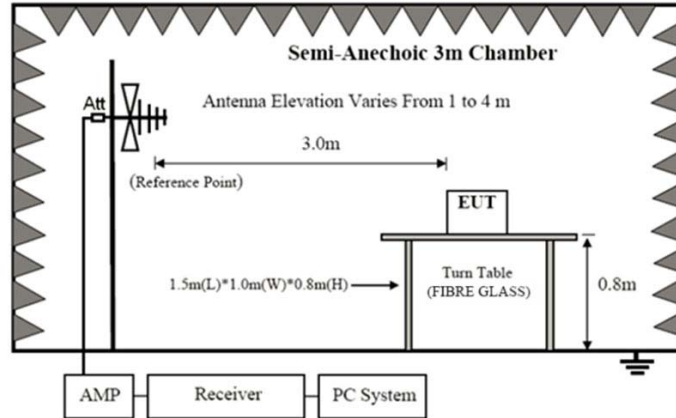
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For radiated emissions from 30MHz to 1GHz



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:

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 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 $\mu$ 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 during tests.

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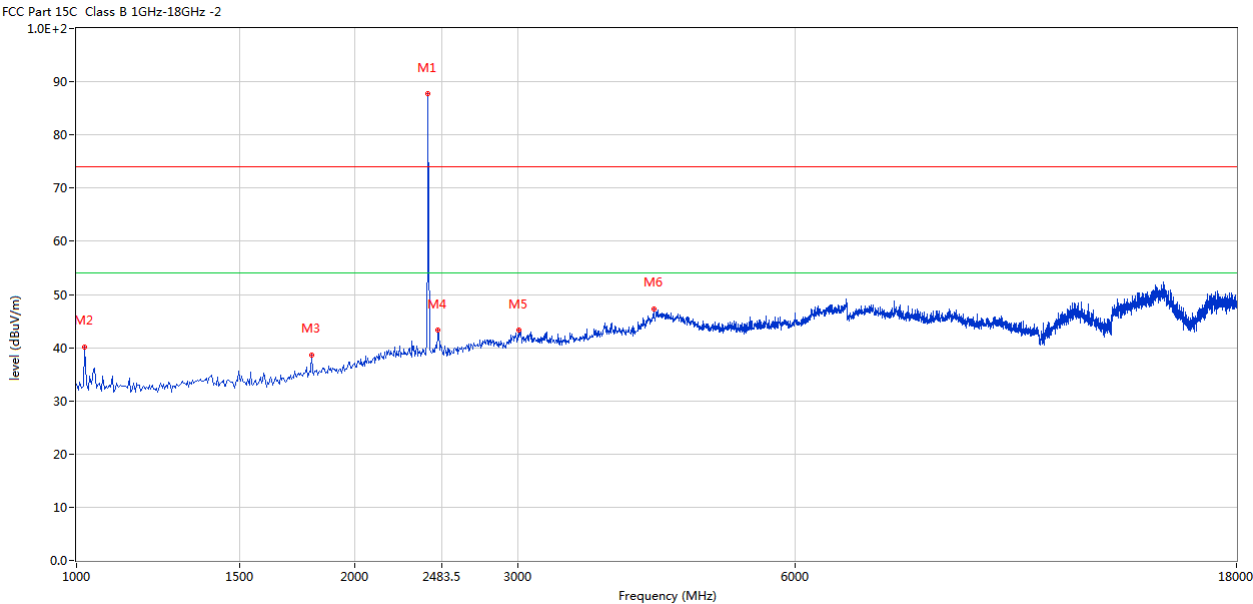
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6.5 Test result  
A Fundamental & Harmonics Radiated Emission Data

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

Horizontal

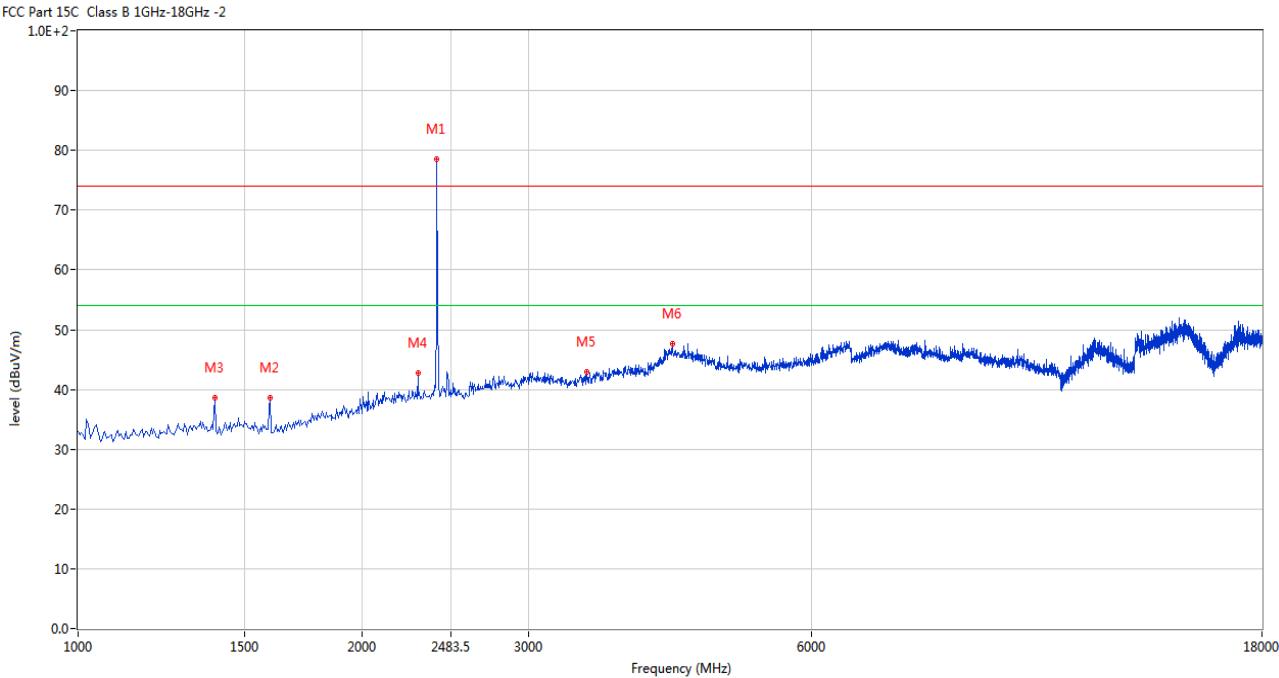


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	87.67	-3.57	114.0	-26.33	Peak	286.00	100	Horizontal	Pass
2	1021.245	40.15	-9.79	74.0	-33.85	Peak	123.00	100	Horizontal	Pass
3	1798.800	38.61	-6.83	74.0	-35.39	Peak	154.00	100	Horizontal	Pass
4	2461.635	43.33	-3.57	74.0	-30.67	Peak	211.00	100	Horizontal	Pass
5	3009.748	43.28	-2.60	74.0	-30.72	Peak	76.00	100	Horizontal	Pass
6	4212.197	47.32	1.63	74.0	-26.68	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	2402	78.58	-3.57	114.0	-35.42	Peak	123.00	100	Vertical	Pass
2	1599.100	38.59	-7.97	74.0	-35.41	Peak	265.00	100	Vertical	Pass
3	1395.151	38.67	-8.17	74.0	-35.33	Peak	286.00	100	Vertical	Pass
4	2291.677	42.84	-3.20	74.0	-31.16	Peak	98.00	100	Vertical	Pass
5	3464.384	42.93	-1.34	74.0	-31.07	Peak	68.00	100	Vertical	Pass
6	4267.433	47.67	1.76	74.0	-26.33	Peak	260.00	100	Vertical	Pass

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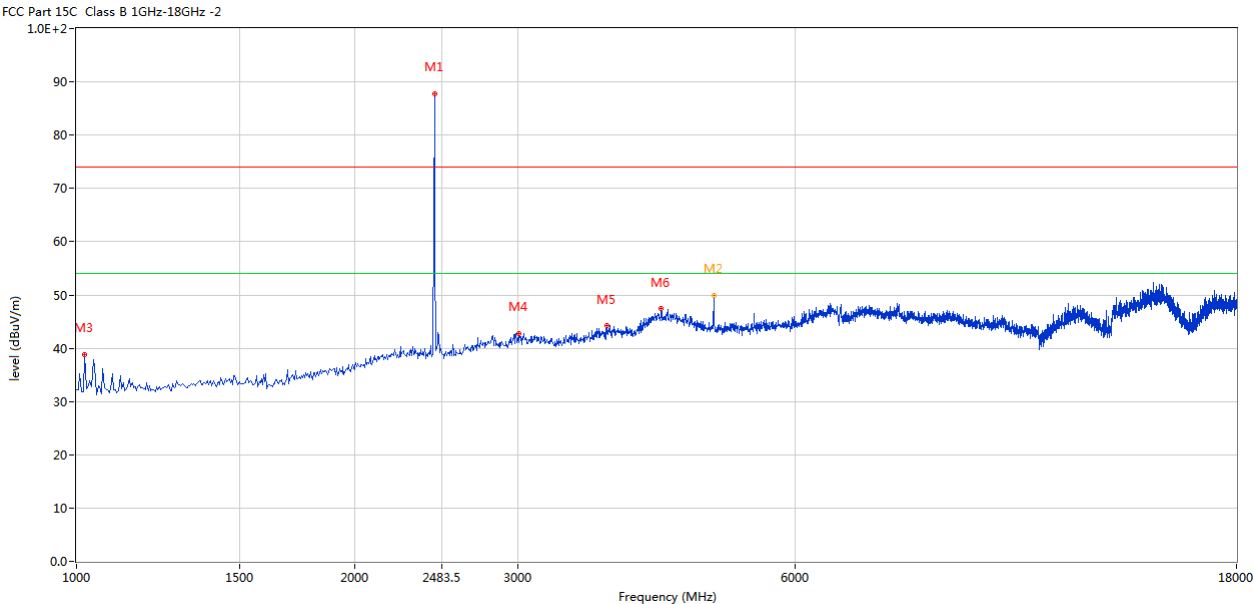
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal

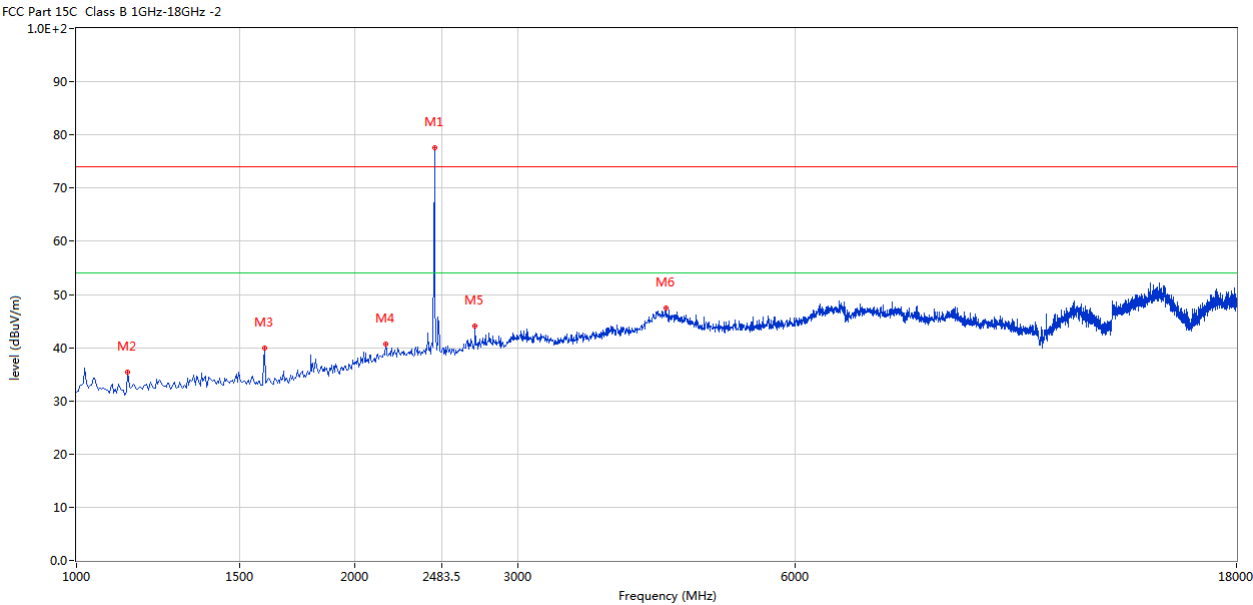


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2440	87.85	-3.57	114.0	-26.15	Peak	255.00	100	Horizontal	Pass
2	4880.027	49.94	3.21	74.0	-24.06	Peak	275.00	100	Horizontal	Pass
3	1021.245	38.79	-9.79	74.0	-35.21	Peak	120.00	100	Horizontal	Pass
4	3013.997	42.75	-2.58	74.0	-31.25	Peak	38.00	100	Horizontal	Pass
5	3753.312	44.34	0.06	74.0	-29.66	Peak	360.00	100	Horizontal	Pass
6	4292.927	47.42	1.82	74.0	-26.58	Peak	124.00	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	2440	77.58	-3.57	114.0	-36.42	Peak	81.00	100	Vertical	Pass
2	1135.966	35.40	-9.42	74.0	-38.60	Peak	68.00	100	Vertical	Pass
3	1599.100	39.85	-7.97	74.0	-34.15	Peak	262.00	100	Vertical	Pass
4	2159.960	40.65	-3.65	74.0	-33.35	Peak	41.00	100	Vertical	Pass
5	2699.575	43.98	-2.96	74.0	-30.02	Peak	139.00	100	Vertical	Pass
6	4339.665	47.37	1.90	74.0	-26.63	Peak	139.00	100	Vertical	Pass

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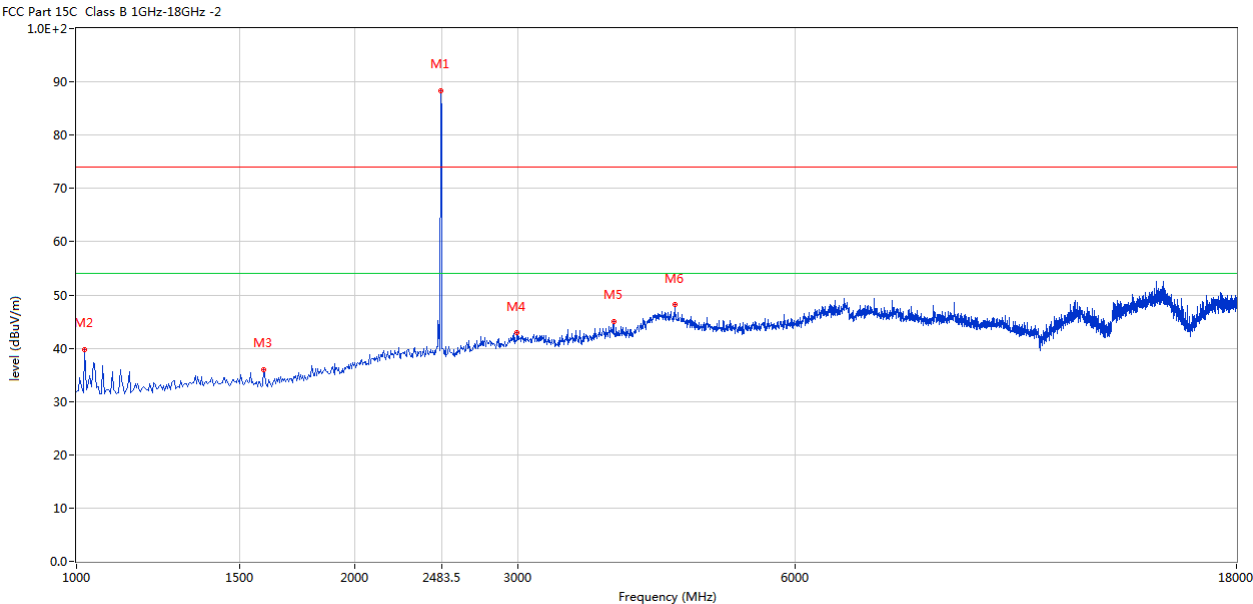
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	88.41	-3.57	114.0	-25.59	Peak	249.00	100	Horizontal	Pass
2	1021.245	39.81	-9.79	74.0	-34.19	Peak	178.00	100	Horizontal	Pass
3	1594.851	36.05	-7.98	74.0	-37.95	Peak	126.00	100	Horizontal	Pass
4	2997.001	42.86	-2.64	74.0	-31.14	Peak	142.00	100	Horizontal	Pass
5	3812.797	44.94	0.37	74.0	-29.06	Peak	167.00	100	Horizontal	Pass
6	4441.640	48.19	2.09	74.0	-25.81	Peak	229.00	100	Horizontal	Pass

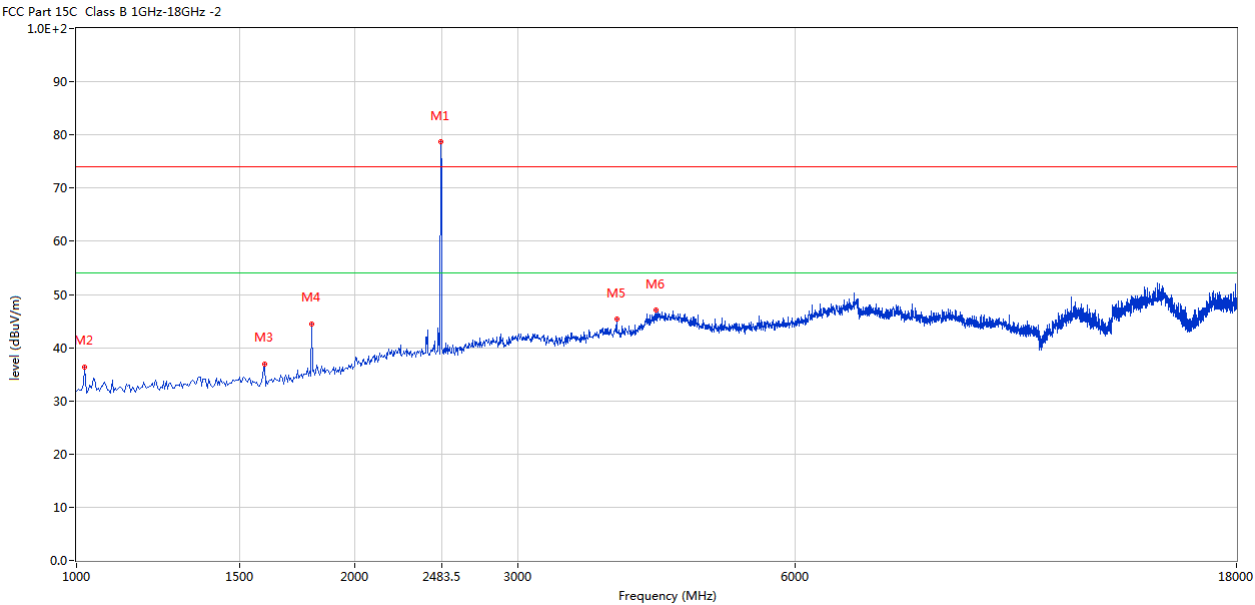
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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	78.64	-3.57	114.0	-35.36	Peak	90.00	100	Vertical	Pass
2	1021.245	36.27	-9.79	74.0	-37.73	Peak	99.00	100	Vertical	Pass
3	1599.100	36.97	-7.97	74.0	-37.03	Peak	269.00	100	Vertical	Pass
4	1798.800	44.47	-6.83	74.0	-29.53	Peak	75.00	100	Vertical	Pass
5	3842.539	45.47	0.52	74.0	-28.53	Peak	264.00	100	Vertical	Pass
6	4241.940	47.03	1.70	74.0	-26.97	Peak	110.00	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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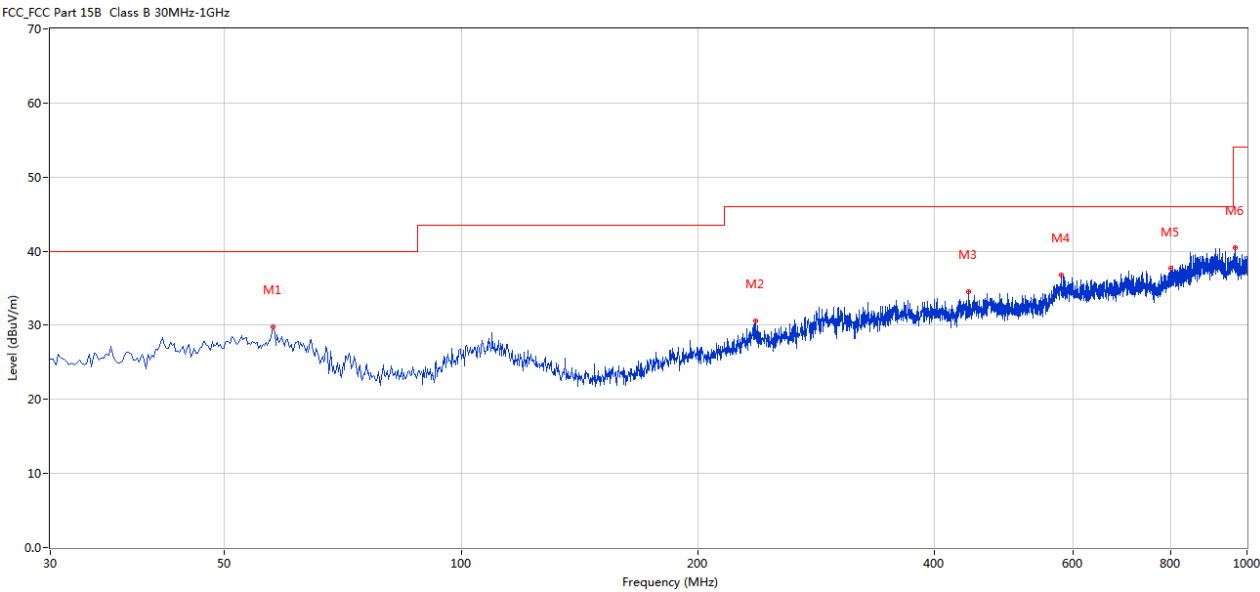


B. General Radiated Emission Data  
Radiated Emission In Horizontal (30MHz----1000MHz)

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	57.638	29.79	-4.91	40.0	10.21	Peak	238.00	100	Horizontal	Pass
2	236.801	30.61	-5.32	47.0	16.39	Peak	277.00	100	Horizontal	Pass
3	442.389	34.48	-0.87	47.0	12.52	Peak	141.00	100	Horizontal	Pass
4	580.095	36.83	1.74	47.0	10.17	Peak	42.00	100	Horizontal	Pass
5	799.018	37.69	3.33	47.0	9.31	Peak	304.00	100	Horizontal	Pass
6	966.058	40.47	5.09	47.0	6.53	Peak	159.00	100	Horizontal	Pass

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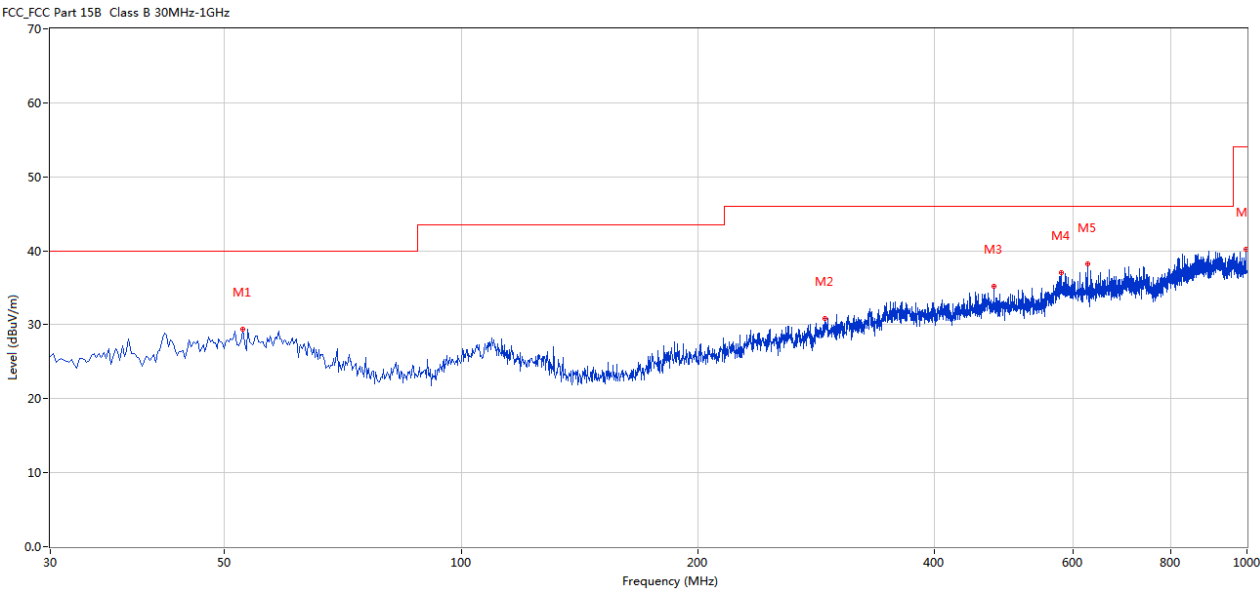


Radiated Emission In Vertical (30MHz----1000MHz)

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	52.789	29.40	-4.99	40.0	10.60	Peak	257.00	100	Vertical	Pass
2	290.622	30.90	-4.38	47.0	16.10	Peak	53.00	100	Vertical	Pass
3	476.331	35.16	-0.64	47.0	11.84	Peak	0.00	100	Vertical	Pass
4	581.065	37.01	1.68	47.0	9.99	Peak	359.00	100	Vertical	Pass
5	627.613	38.17	1.30	47.0	8.83	Peak	257.00	100	Vertical	Pass
6	997.333	40.26	4.70	47.0	6.74	Peak	4.00	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.

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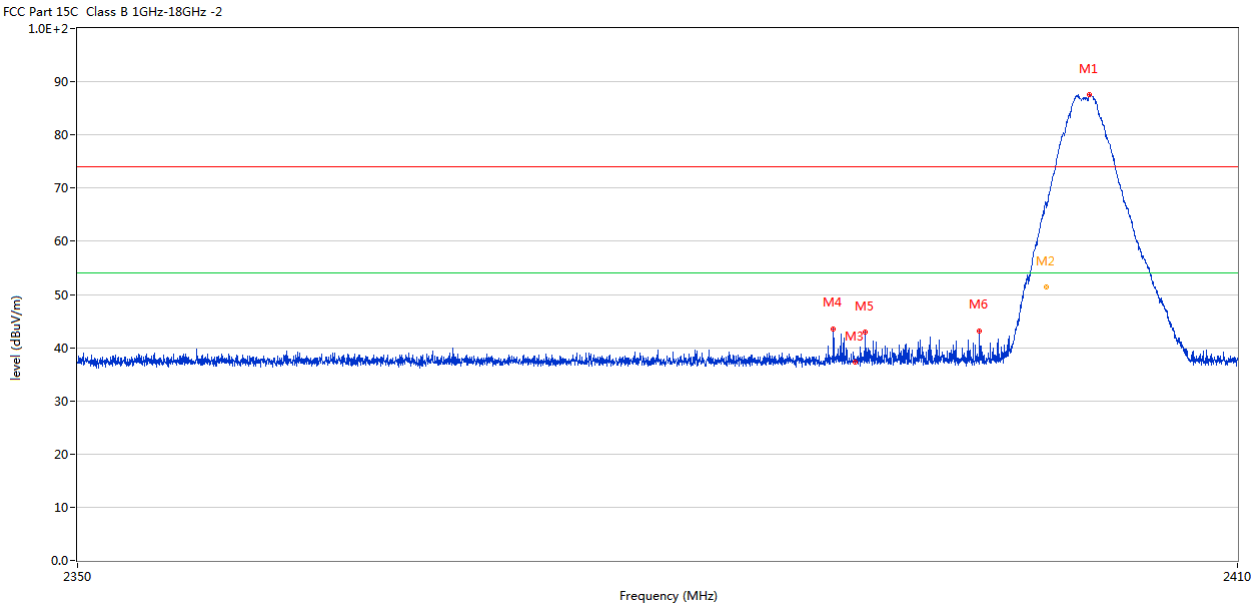
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7.6 Test Result

Product:	3 MODES CONNECTION RGB GAMING MOUSE	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	2402.232	87.54	-3.57	74.0	13.54	Peak	286.00	100	Horizontal	N/A
2	2400.027	66.52	-3.57	74.0	-7.48	Peak	239.00	100	Horizontal	Pass
2**	2400.027	51.32	-3.57	54.0	-2.68	AV	239.00	100	Horizontal	Pass
3	2390.070	37.35	-3.53	74.0	-36.65	Peak	326.00	100	Horizontal	Pass
4	2388.930	43.50	-3.53	74.0	-30.50	Peak	281.00	100	Horizontal	Pass
5	2390.595	42.88	-3.53	74.0	-31.12	Peak	187.00	100	Horizontal	Pass
6	2396.533	43.16	-3.55	74.0	-30.84	Peak	146.00	100	Horizontal	Pass

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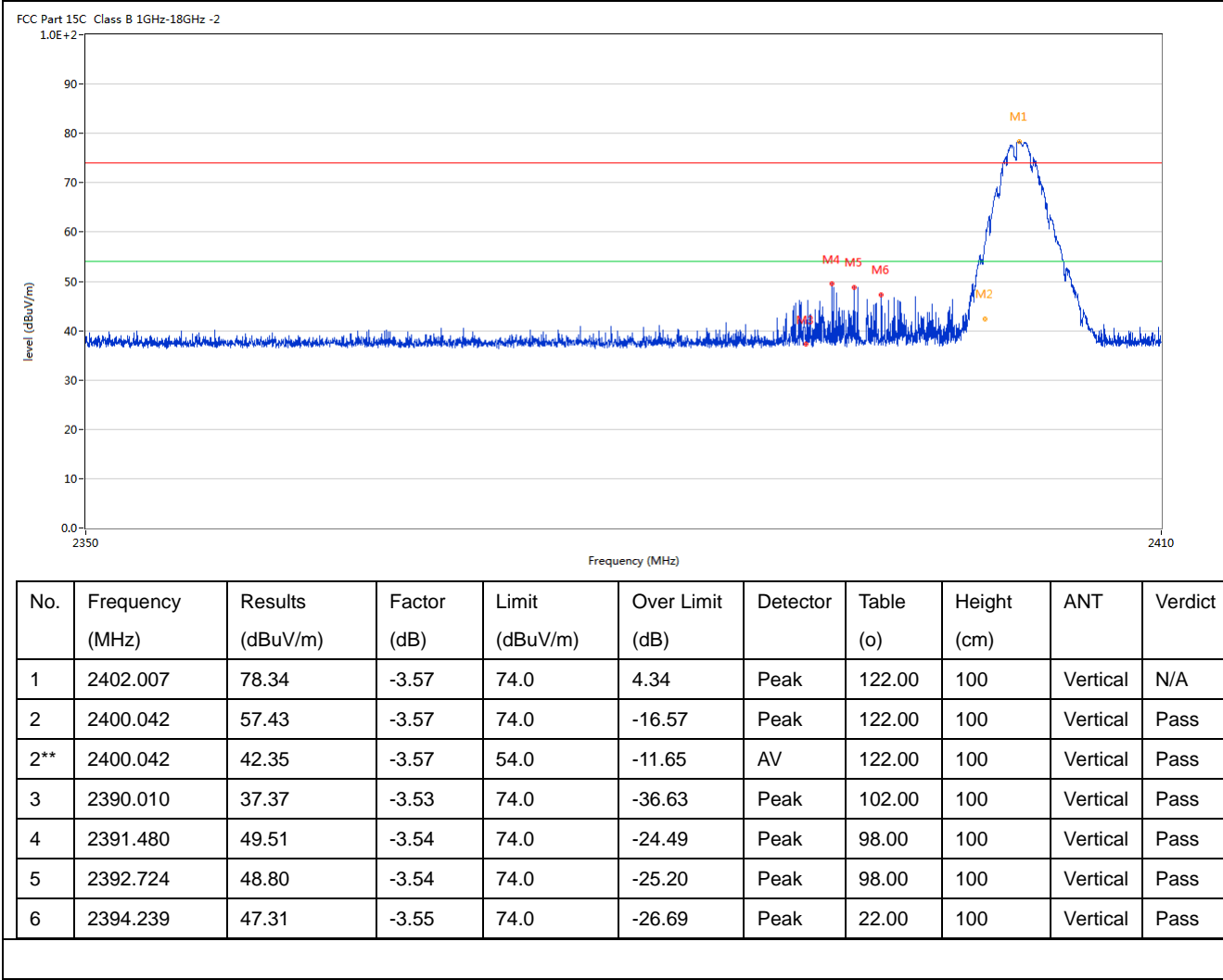
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Product:	3 MODES CONNECTION RGB GAMING MOUSE	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



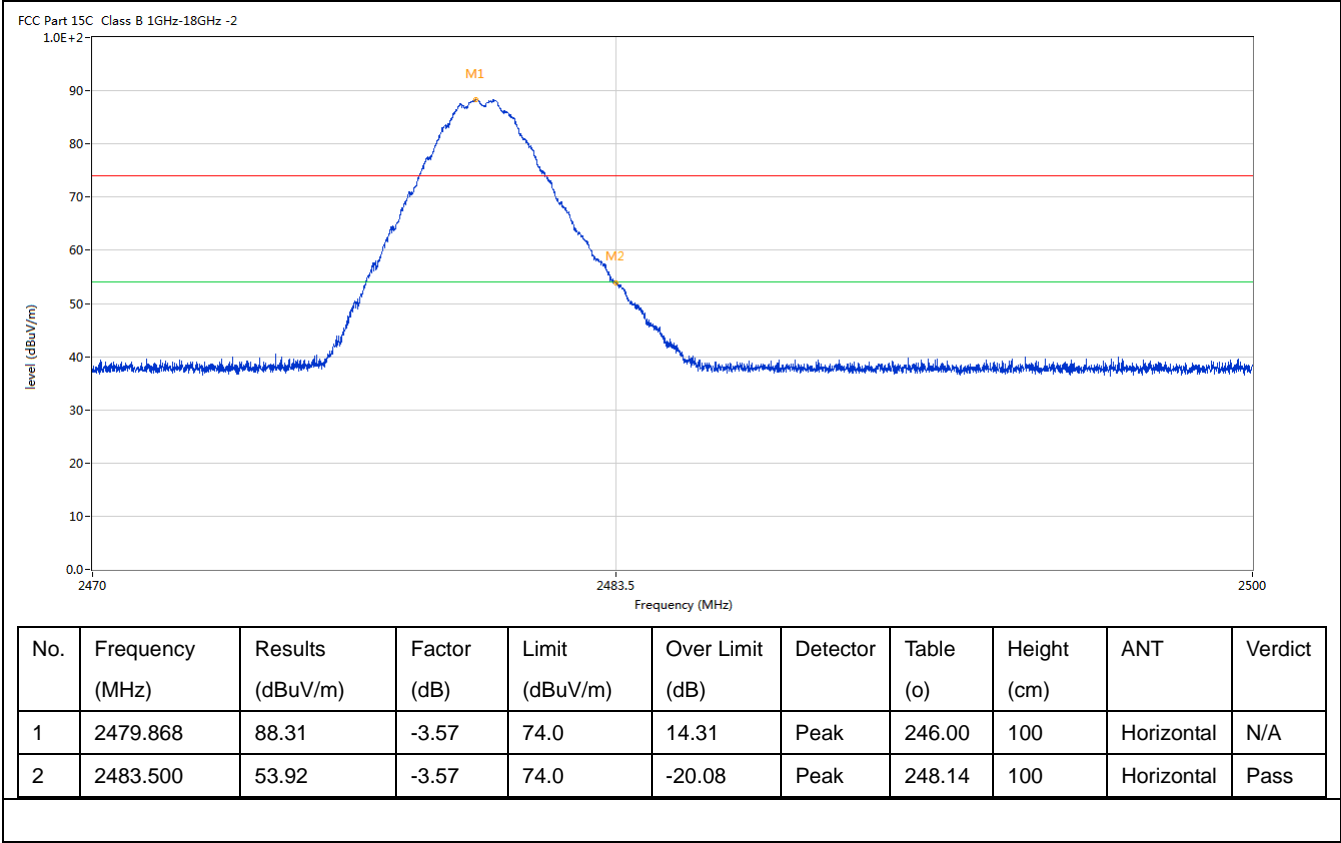
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Product:	3 MODES CONNECTION RGB GAMING MOUSE	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



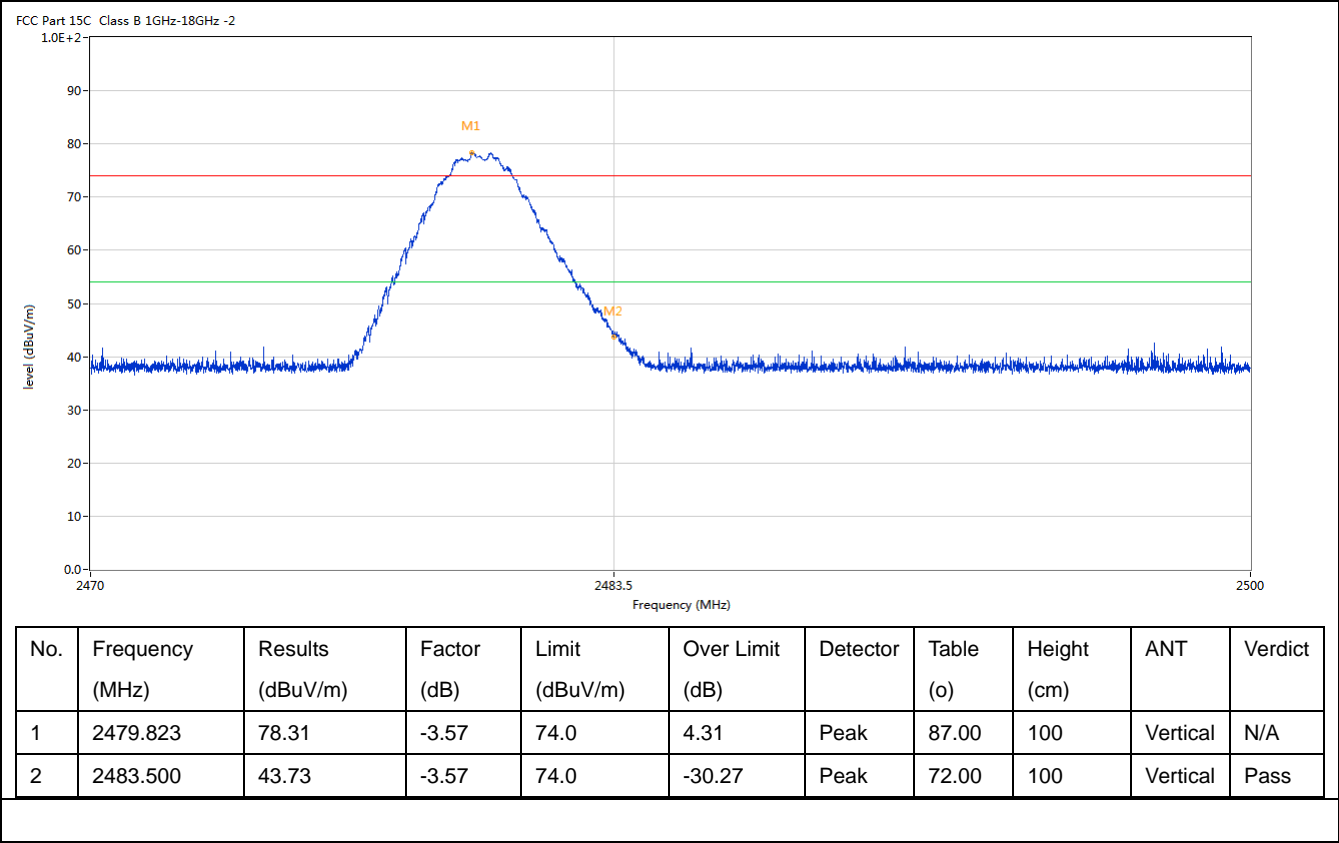
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Product:	3 MODES CONNECTION RGB GAMING MOUSE	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	--	--



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.

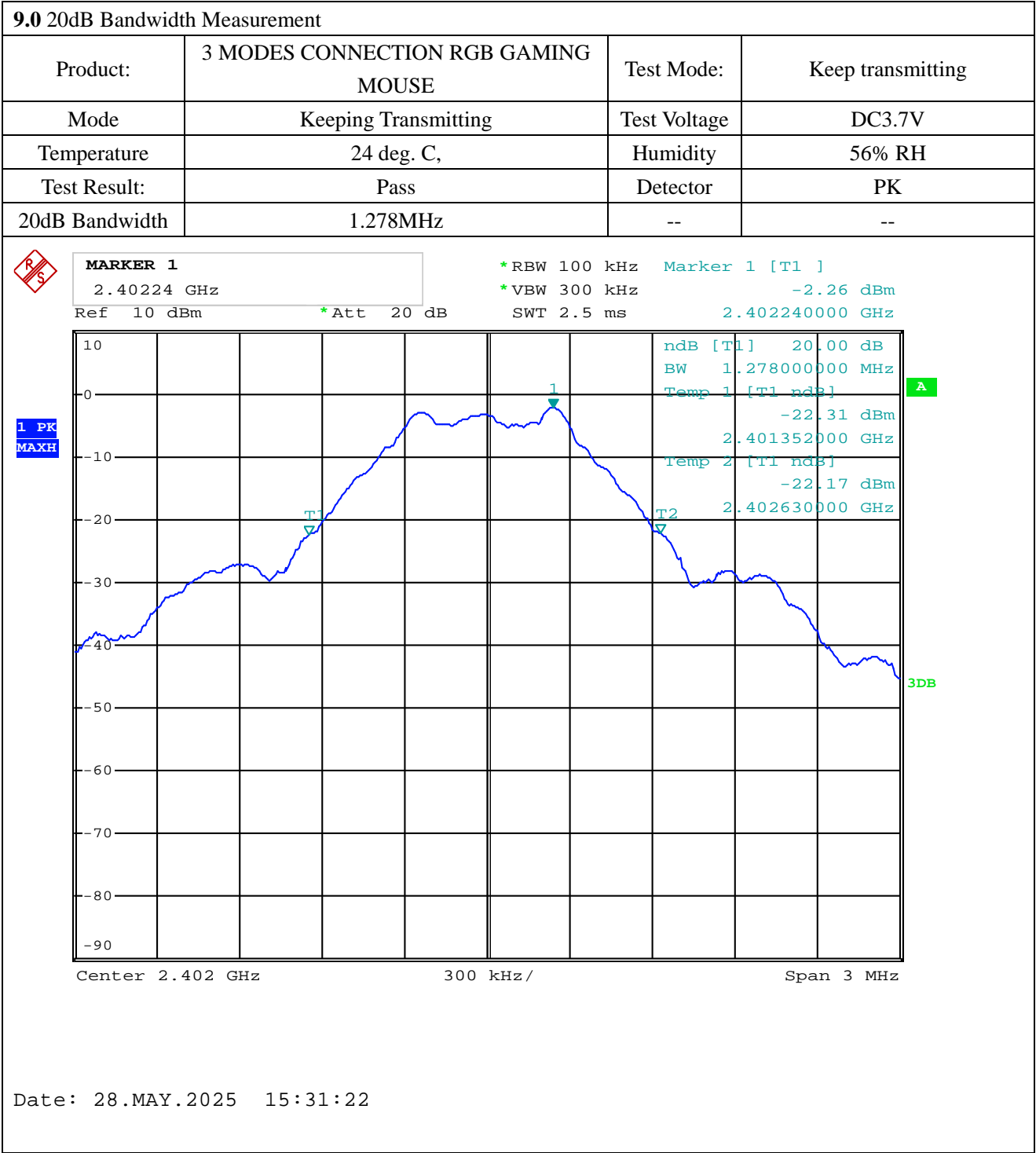
This product has a PCB antenna with gain 2.34dBi maximum. It fulfills the requirement of this section.

Test Result: Pass

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Product:	3 MODES CONNECTION RGB GAMING MOUSE	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	1.272MHz	--	--



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:	3 MODES CONNECTION RGB GAMING MOUSE	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	1.290MHz	--	--



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: TUVDS-2891G**

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** Conducted test View--



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Radiated emission test view



### Photographs – EUT

Please refer test report TW2501085-01E

**--End of the report--**

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