



Report No.: TW2104117E File reference No.: 2021-06-11

Applicant: Eastern Times Technology Co.,Ltd

Product: WIRED & WIRELESS GAMING MOUSE

Model No.: M808-KS, DS-2887

Brand Name: 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

Jack Chung

Jack Chung

Manager

Dated: June 11, 2021

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

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# **Special Statement:**

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

# **CNAS-LAB Code: L2292**

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of testing Laboratories.

# 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

Date: 2021-06-11



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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 Sates

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.

Telephone: --Fax: --

# 1.3 Description of EUT

Product: WIRED & WIRELESS GAMING MOUSE

Manufacturer: Eastern Times Technology Co.,Ltd

Address: Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town,

Dongguan City, Guangdong, China.

Brand Name: REDRAGON
Model Number: M808-KS

Additional Model Name DS-2887

Rating: Input: DC4.2V, 60mA; Charging Input: DC5V, 1A (Built-in 3.7V, 700mAh

Li-ion Battery)

Modulation Type: GFSK

Operation Frequency: 2403-2480MHz

Channel Number: 16

Channel List:

Ch No.	1	2	3	4	5	6	7	8
Frequency (MHz)	2403	2424	2441	2461	2414	2435	2450	2470
Ch No.	9	10	11	12	13	14	15	16
Frequency (MHz)	2409	2429	2455	2475	2419	2445	2465	2480

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Hardware Version: CX52810 QFN56

Software Version: V3.07

Serial No.: RDM808-KS20112501273

Antenna Designation PCB antenna with gain -1.0dBi Max (Get from the antenna specification

provided by the applicant)

1.4 Submitted Sample: 1 Sample

1.5 Test Duration

2021-04-09 to 2021-06-11

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

Terry Tang

The sample tested by

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	2020-06-23	2021-06-22
LISN	R&S	EZH3-Z5	100294	2020-06-23	2021-06-22
LISN	R&S	EZH3-Z5	100253	2020-06-23	2021-06-22
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2020-06-23	2021-06-22
Loop Antenna	EMCO	6507	00078608	2018-06-25	2021-06-24
Spectrum	R&S	FSIQ26	100292	2020-06-23	2021-06-22
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2020-06-23	2021-06-22
Horn Antenna	R&S	BBHA 9120D	9120D-631	2018-07-09	2021-07-08
Power meter	Anritsu	ML2487A	6K00003613	2020-06-23	2021-06-22
Power sensor	Anritsu	MA2491A	32263	2020-06-23	2021-06-22
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2018-07-04	2021-07-03
9*6*6 Anechoic		1	N/A	2020-07-06	2021-07-05
EMI Test Receiver	RS	ESVB	826156/011	2020-06-23	2021-06-22
EMI Test Receiver	RS	ESH3	860904/006	2020-06-23	2021-06-22
Spectrum	HP/Agilent	ESA-L1500A	US37451154	2020-06-23	2021-06-22
Spectrum	HP/Agilent	E4407B	MY50441392	2020-06-23	2021-06-22
Spectrum	RS	FSP 40	1164.4391.38	2021-01-15	2022-01-14
RF Cable	7honadi	ZT26-NJ-NJ-8		2020-06-23	2021-06-22
KI Cable	Zhengdi	M/FA		2020-00-23	2021-00-22
RF Cable	Zhengdi	7m		2020-06-23	2021-06-22
RF Switch	EM	EMSW18	060391	2020-06-23	2021-06-22
Pre-Amplifier	Schwarebeck	BBV9743	#218	2020-06-23	2021-06-22
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2020-06-23	2021-06-22
LISN	SCHAFFNER	NNB42	00012	2021-01-06	2022-01-05

#### 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 15.207	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 and RSS-210	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

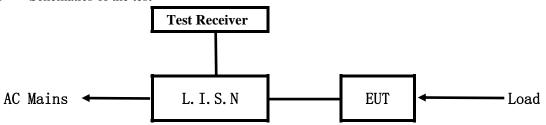
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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# 5. Power Line Conducted Emission Test

# 5.1 Schematics of the test

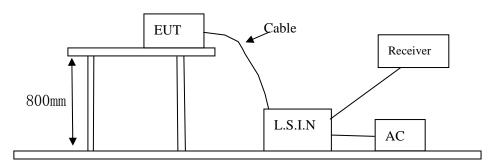


**EUT: Equipment Under Test** 

# 5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2014. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2014.

# Block diagram of Test setup



# 5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2014. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

One channels are provided to the EUT

# A. EUT

Device	Manufacturer	Model	FCC ID	
WIRED & WIRELESS	Eastern Times Technology	M000 VC DC 2007	TIMDC 2007	
GAMING MOUSE	Co.,Ltd	M808-KS, DS-2887	TUVDS-2887	

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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

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2014

- 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	Limits (dB μ V)			
(MHz)	Quasi-peak Level	Average Level		
$0.15 \sim 0.50$	66.0~56.0*	56.0~46.0*		
$0.50 \sim 5.00$	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)

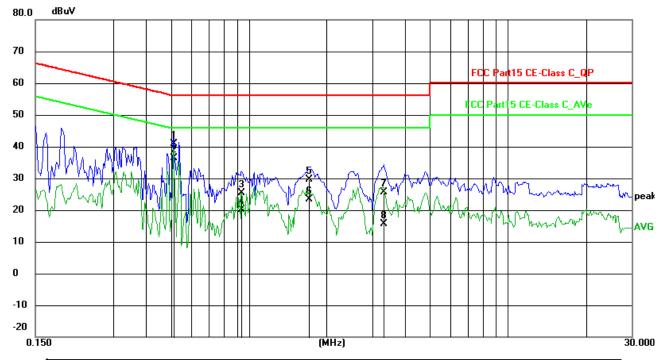
**EUT Operating Environment** 

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

**EUT set Condition: Charging and Keep Transmitting** 

**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	0.5126	31.21	9.77	40.98	56.00	-15.02	QP	Р
2	0.5126	26.54	9.77	36.31	46.00	-9.69	AVG	Р
3	0.9378	15.68	9.79	25.47	56.00	-30.53	QP	Р
4	0.9378	10.26	9.79	20.05	46.00	-25.95	AVG	Р
5	1.6983	19.71	9.80	29.51	56.00	-26.49	QP	Р
6	1.6983	13.64	9.80	23.44	46.00	-22.56	AVG	Р
7	3.3236	15.69	9.86	25.55	56.00	-30.45	QP	Р
8	3.3236	5.68	9.86	15.54	46.00	-30.46	AVG	Р

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

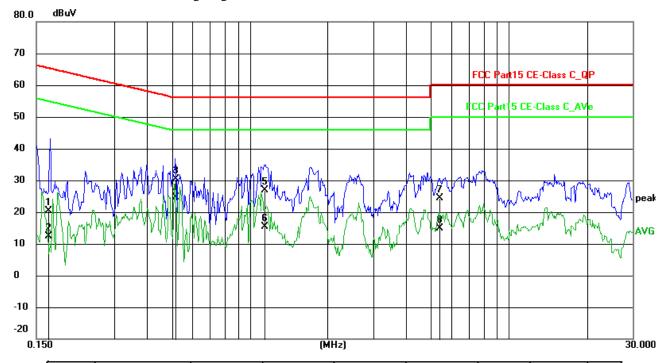
**EUT Operating Environment** 

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

**EUT set Condition: Charging and Keep Transmitting** 

**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	0.1669	10.68	9.77	20.45	65.11	-44.66	QP	Р
2	0.1669	2.64	9.77	12.41	55.11	-42.70	AVG	Р
3	0.5166	20.64	9.77	30.41	56.00	-25.59	QP	Р
4	0.5166	14.96	9.77	24.73	46.00	-21.27	AVG	Р
5	1.1406	16.98	9.79	26.77	56.00	-29.23	QP	Р
6	1.1406	5.64	9.79	15.43	46.00	-30.57	AVG	Р
7	5.3826	14.35	9.95	24.30	60.00	-35.70	QP	Р
8	5.3826	4.98	9.95	14.93	50.00	-35.07	AVG	Р

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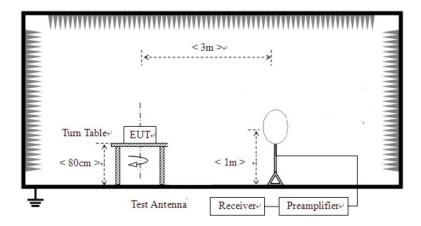


## **6** Radiated Emission Test

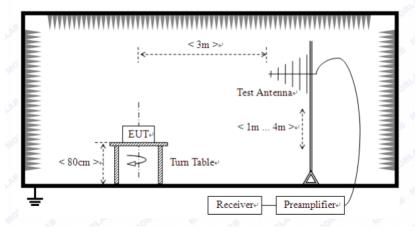
- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size 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



For radiated emissions from 30MHz to1GHz



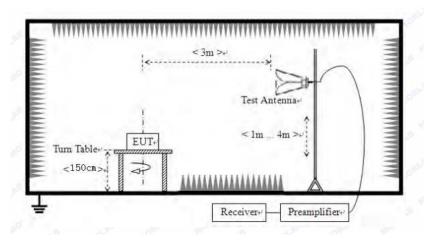
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For radiated emissions above 1GHz



- 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.
- 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	Field Stre	ength of Fundame	ntal (3m)	Field Strength of Harmonics (3m)			
(MHz)	mV/m	dBu	V/m	uV/m	dBuV/m		
2400-2483.5	50	94 (Average) 114 (Peak)		500	54 (Average) 74 (Peak		

Note:

- 1. RF Field Strength  $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 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.

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

Frequency Range (MHz)	Distance (m)	Field strength (dB $\mu$ V/m)
30-80	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

- 1. RF Voltage  $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 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. 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.
- 5. 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.
- 6. Battery full charged during tests.

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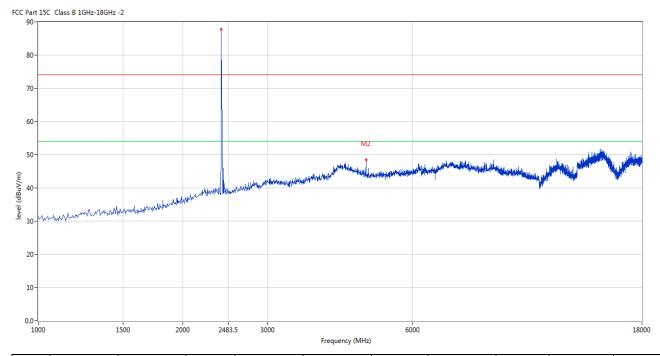


# 6.5 Test result

# A Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2403MHz

## Horizontal



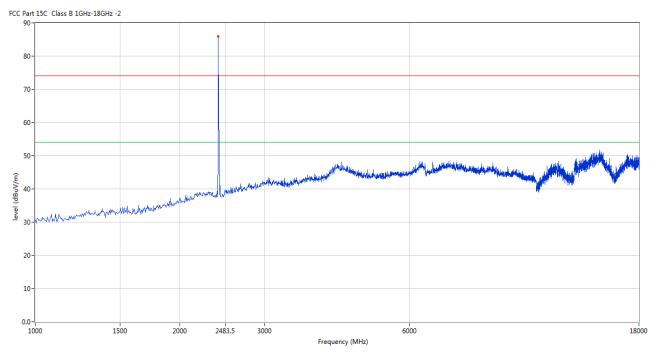
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402.149	87.87	-3.57	114.0	-26.13	Peak	88.00	150	Horizontal	Pass
2	4807.048	48.47	3.13	74.0	-25.53	Peak	352.00	150	Horizontal	Pass

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# Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402.149	85.90	-3.57	114.0	-28.10	Peak	121.00	150	Vertical	Pass

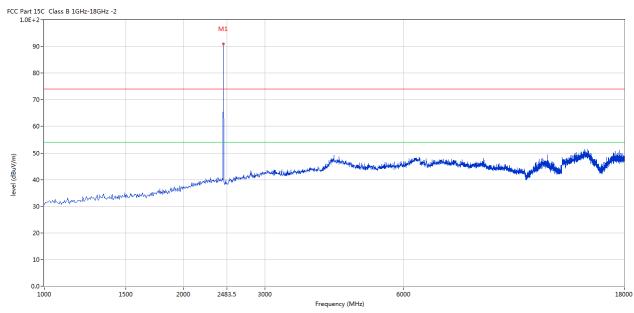
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Please refer to the following test plots for details: Middle Channel-2441MHz

## **Horizontal**



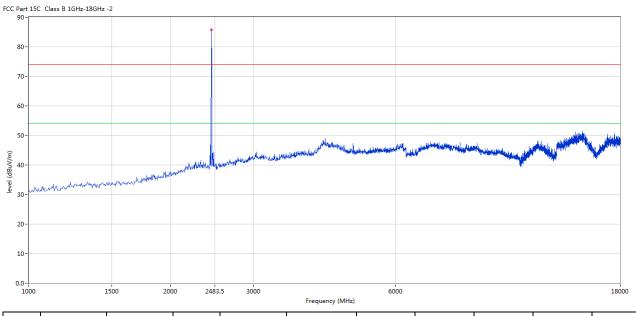
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2440.390	90.92	-3.57	114.0	-23.08	Peak	139.00	150	Horizontal	Pass

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# Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2440.390	85.73	-3.57	114.0	-28.27	Peak	0.00	150	Vertical	Pass

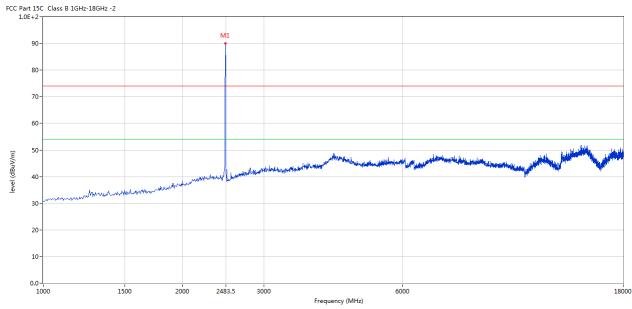
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Please refer to the following test plots for details: High Channel-2480MHz

## Horizontal



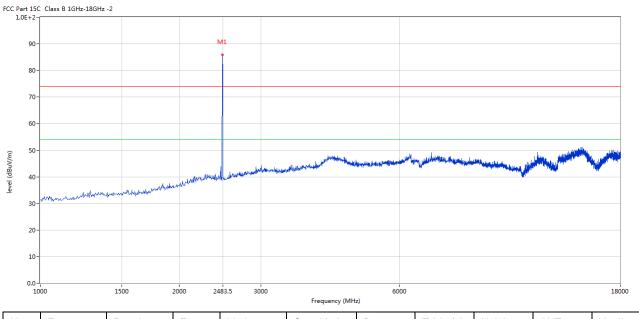
ſ	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
Ī	1	2479.630	90.06	-3.57	114.0	-23.94	Peak	164.00	150	Horizontal	Pass

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## Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2479.630	85.96	-3.57	114.0	-28.04	Peak	184.00	150	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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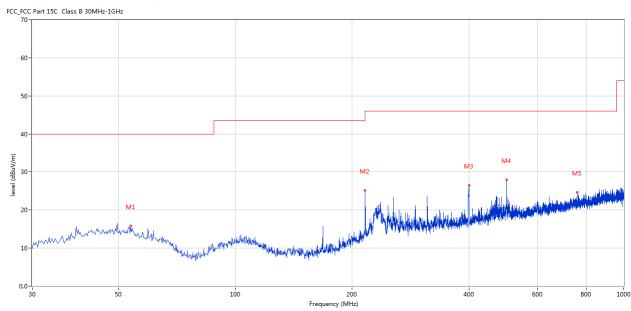


# B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

**Results:** Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	53.759	15.83	-11.53	40.0	-24.17	Peak	235.00	100	Horizontal	Pass
2	215.951	25.19	-13.60	43.5	-18.31	Peak	360.00	100	Horizontal	Pass
3	399.720	26.51	-8.57	46.0	-19.49	Peak	252.00	100	Horizontal	Pass
4	500.090	27.96	-6.91	46.0	-18.04	Peak	145.00	100	Horizontal	Pass
5	759.500	24.67	-3.27	46.0	-21.33	Peak	353.00	100	Horizontal	Pass

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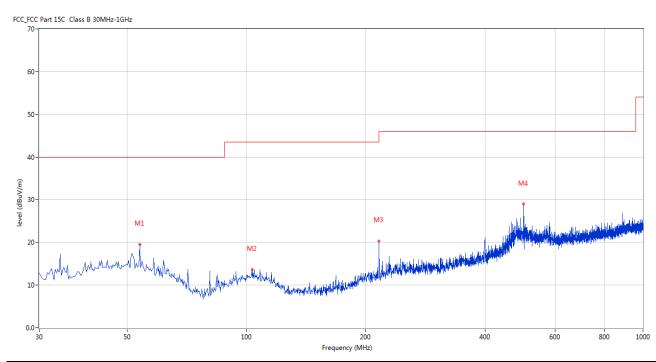


# Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	53.759	19.51	-11.53	40.0	-20.49	Peak	141.00	100	Vertical	Pass
2	103.459	13.54	-13.36	43.5	-29.96	Peak	119.00	100	Vertical	Pass
3	215.951	20.32	-13.60	43.5	-23.18	Peak	58.00	100	Vertical	Pass
4	500.090	28.94	-6.91	46.0	-17.06	Peak	214.00	100	Vertical	Pass

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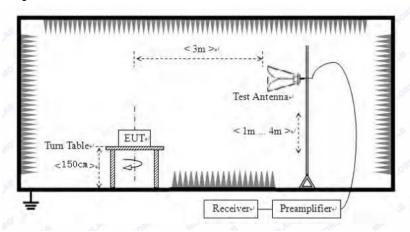


# 7. Band Edge

## 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.

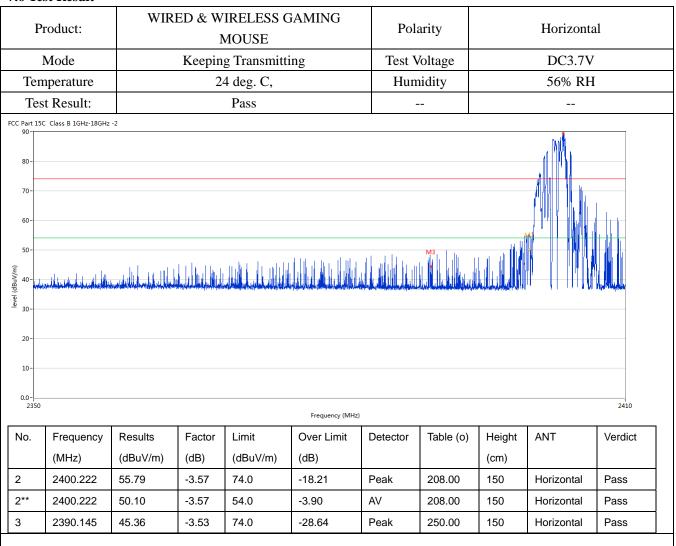
The report refers only to the sample tested and does not apply to the bulk.

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## 7.6 Test Result

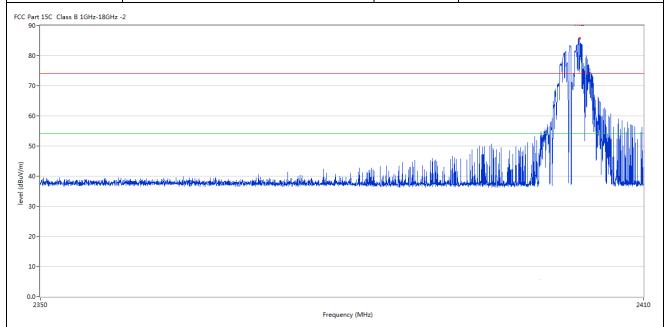


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Product:	WIRED & WIRELESS GAMING MOUSE	Detector	Vertical
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		

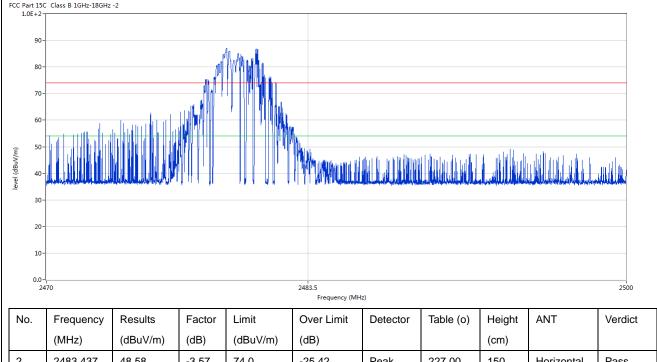


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
2	2400.012	48.79	-3.57	74.0	-25.21	Peak	359.00	150	Vertical	Pass
3	2390.010	43.81	-3.53	74.0	-30.19	Peak	289.00	150	Vertical	Pass

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Product:	WIRED & WIRELESS GAMING MOUSE	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	Jo . II		



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
2	2483.437	48.58	-3.57	74.0	-25.42	Peak	227.00	150	Horizontal	Pass

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Product:		WIRED & WIRELESS GAMING MOUSE			Detector		Vertical			
	Mode		Keeping	g Transmitti	ing	Test Volt	tage		DC3.7V	
Tei	mperature		24	4 deg. C,		Humid	ity		56% RH	
Te	est Result:		Pass							
90 80	0-	-2								
(EL/(ARRD)   400   300   200   100	0-								LANG NA ARABITA KARA	
(Eu/ <sub>A</sub> nn <sub>p</sub> ) 40 40 30 20 10	0-	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	2483.5 Frequency (Minute)	Detector	Table (o)	Height (cm)	ANT	2500 Verdict

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.

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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 -1.0dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Product: WIRED & WIRELESS GAMING MOUSE			G	Test Mod	le:	Keep transmitting			
Mode Keeping Transmitting				Test Volta	ige	DC3.7V			
Temperature		24 deg. C,			Humidit	у	56%	RH	
Test Result:		Pass			Detecto	r	P	K	
20dB Bandwidth		2.285MHz	2				-	-	
Ref Lvl 10 dBm	Marker ndB BW	1 [T1 r 20. 2.284569	.00 dB	VE	300	kHz	RF Att Jnit	20 dB	n
0		1				1 [T1]	2.40244	3.60 dBm	Z
-10				\	↑ B	w T1 [T1]	2.28456	914 MHz	
-20	m.1√	~ mull	May "	W	∇	T1 [T1]	2.40185	2.10 dBm	1
1MAX							2.40413	727 GHz	1M
-40	They					Yu.	John Marin	Junghy.	
-50									
-60									
-70									
-80									
-90									

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Product:		VIRELESS GAMINO MOUSE	G ,	Test Mode:	Keep transmitting DC3.7V		
Mode	Keepi	ng Transmitting	Г	Test Voltage			
Temperature		24 deg. C,		Humidity	56	5% RH	
Test Result:		Pass		Detector		PK	
20dB Bandwidth		2.305MHz					
Ref Lvl	ndB	1 [T1 ndB] 20.00 dB 2.30460922 MHz	RBW VBW SWT			20 dB	
0		1		▼1 [7	2.4404	1.44 dBm 2385 GHz 0.00 dB	
-10					2.3046 T11	1.44 dBm	
-20 1MAX	T	·		112	2.4421	3727 GHz	
-40 MANOR MARCON						" Judy	
-50							
-60							
-70							
-80							
-90 Center 2	.441 GHz	500	kHz/		Sp	an 5 MHz	

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Product:		VIRELESS GAMINO MOUSE	j	Test Mode:	Keep transmitting DC3.7V		
Mode	Keepii	ng Transmitting	r	Test Voltage			
Temperature		24 deg. C,		Humidity	50	6% RH	
Test Result:		Pass		Detector		PK	
OdB Bandwidth	2	2.315MHz					
Ref Lvl	ndB	1 [T1 ndB] 20.00 dB 2.31462926 MHz	RBW VBW SWT	300 kHz		20 dB dBm	
10				▼1 [7	2.4800	-2.30 dBm A	
-10		Ar-		BW	2.3146 T11 -2	52926 MHz 22.07 dBm	
-20	T		W II	∇ <sub>Т2</sub>	[T1] -2 2 2.4811	22.25 dBm 14729 GHz	
- 30 - 40					home	Mrar	
-50							
-60							
-70							
-80							
-90 Center 2	.48 GHz	500	kHz/		Sr	pan 5 MHz	

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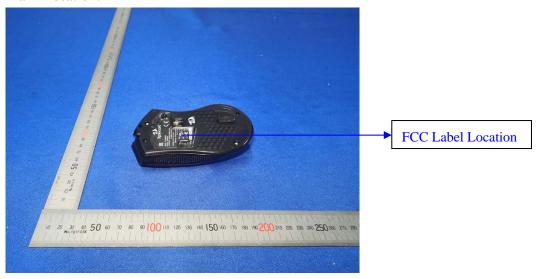


# 10.0 FCC ID Label

## FCC ID: TUVDS-2887

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--



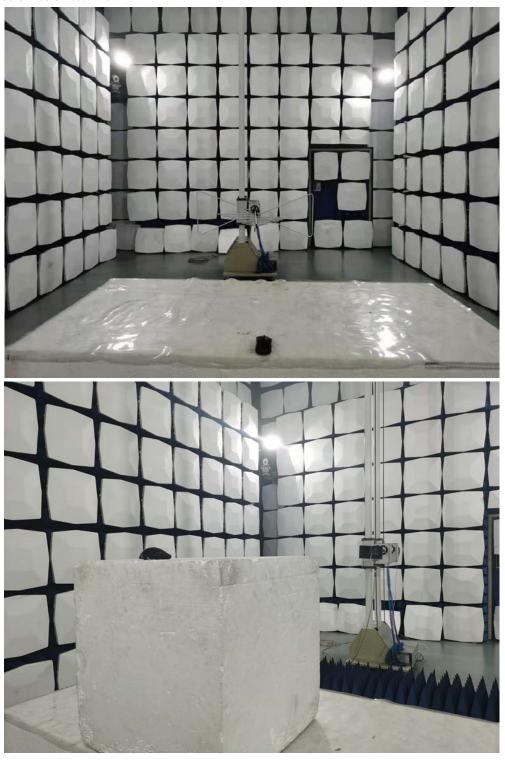
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# Radiated emission test view



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

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# 11.2 Photographs – EUT

# Outside View



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# Photographs - EUT

# Outside View





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Outside View



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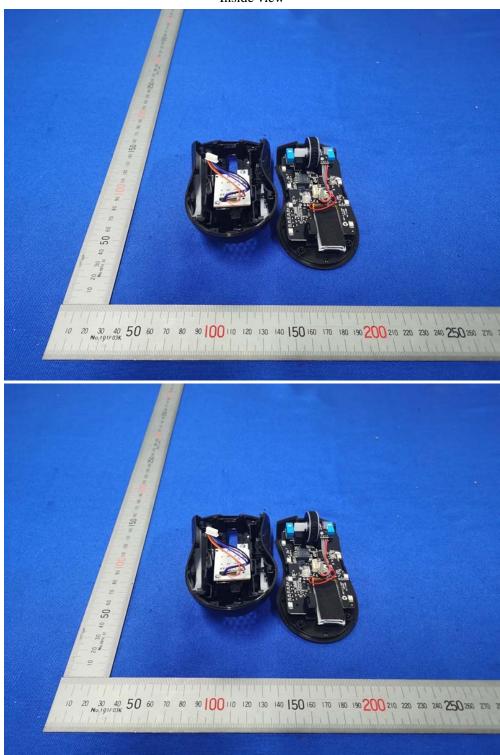
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Inside view



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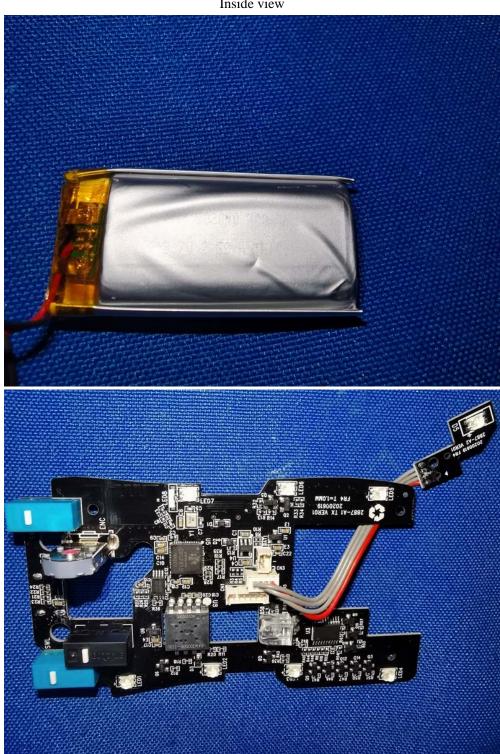
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Inside view



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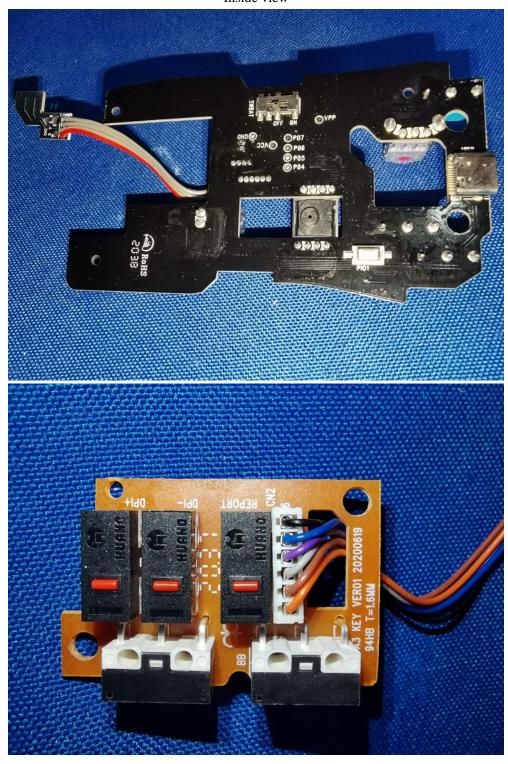
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Inside view



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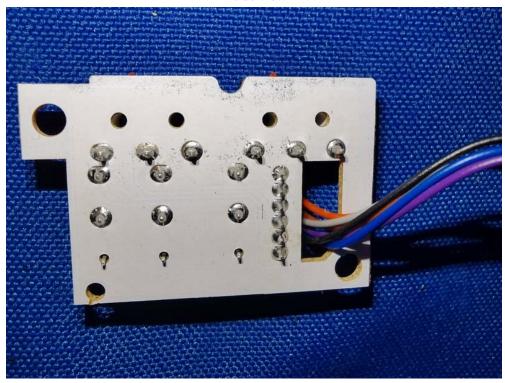
adopt any other remedies which may be appropriate.

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# Inside view



-- End of the report--