

Report No.:	TW2306193-02E
Applicant:	Eastern Times Technology Co.,Ltd
Product:	WIRELESS GAMING MOUSE
Model No.:	M914-RGB, M914W-RGB, DS-2876, DS-2975, M910-K, M910-W, M910-KS, M910-WS
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 Tong	
Terry Tang	
Manager	
Dated:	August 28, 2023

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:

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 17025:2017 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

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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, ChinaTelephone:(755) 83448688Fax:(755) 83442996Site on File with the Federal Communications Commission – United SatesRegistration Number: 744189For 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:	WIRELESS GAMING MOUSE
Manufacturer:	Eastern Times Technology Co.,Ltd
Address:	Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town,
	Dongguan City, Guangdong, China.
Trademark:	REDRAGON
Model Number:	M914-RGB
Additional Model Name	M914W-RGB, DS-2876, DS-2975, M910-K, M910-W, M910-KS, M910-WS
Rating:	Input: DC5V, 220mA or DC3.7V, 92mA
Battery:	DC3.7V, 700mAh Li-ion battery
Hardware Version:	2516-Z RX V1
Software Version:	64cd8c8c
Serial No.:	RDM914-RGB23080601607
Operation Frequency:	2402-2480MHz
Modulation Type:	GFSK
Number of Channels:	79
Channel Separation:	1MHz
Antenna Designation	PCB antenna with gain 2.34dBi maximum (Declared by the Manufacturer)

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- 1.4 Submitted Sample: 2 Samples
- 1.5 Test Duration 2023-06-19 to 2023-08-28
- 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

Andy - Xing

The sample tested by

Print Name: Andy Xing

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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	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100294	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100253	2023-07-14	2024-07-13
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2023-07-14	2024-07-13
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2023-07-14	2024-07-13
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	2024-07-17
Power meter	Anritsu	ML2487A	6K00003613	2023-07-14	2024-07-13
Power sensor	Anritsu	MA2491A	32263	2023-07-14	2024-07-13
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	2023-07-14	2024-07-13
EMI Test Receiver	RS	ESCS 30	834115/006	2023-07-14	2024-07-13
Spectrum	HP/Agilent	E4407B	MY50441392	2023-07-14	2024-07-13
Spectrum	RS	FSP	1164.4391.38	2023-07-14	2024-07-13
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2023-07-14	2024-07-13
RF Cable	Zhengdi	7m		2023-07-14	2024-07-13
Pre-Amplifier	Schwarebeck	BBV9743	#218	2023-07-14	2024-07-13
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2023-07-14	2024-07-13
LISN	SCHAFFNER	NNB42	00012	2023-07-14	2024-07-13
ESPI Test Receiver	R&S	ESPI 3	100379	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100294	2023-07-14	2024-07-13

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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The EUT has been tested according to the following specifications:

Technical Details 3.0

3.1 Summary of test results

The EOT 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	
FCC Part 15.215(c)	20dB bandwidth	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

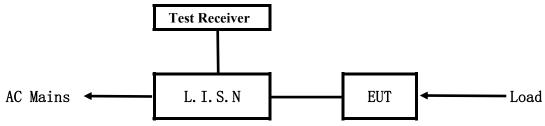
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5.0 Power Line Conducted Emission Test

5.1 Schematics of the test

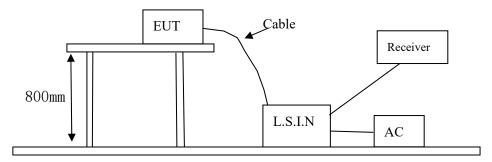


EUT: Equipment Under Test

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
11.	LUI

Device	Manufacturer	Model	FCC ID
		M914-RGB, M914W-RGB,	
WIRELESS GAMING	Eastern Times Technology	DS-2876, DS-2975,	TIMOS 2976C
MOUSE	Co.,Ltd	M910-K, M910-W,	TUVDS-2876C
		M910-KS, M910-WS	

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B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

C. Peripherals

Device	Manufacturer	Model	Rating
Power Supply	Infinix	XC1165EU	Input: 100-240V~, 50/60Hz, 1.5A;
			Output: DC5V/3.0A; DC9V/3.0A;
			DC12.0V/3.0A; DC15V/3.0A;
			DC20.0V/3.25A

- 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		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:

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Conducted Emission on Live Terminal (150kHz to 30MHz) A: **EUT Operating Environment** Humidity: 65%RH Atmospheric Pressure: 101 kPa Temperature: 25°C EUT set Condition: Charging + Communication by BT **Results: Pass** Please refer to following diagram for individual dBu∀ 80.0 70 ICES-003 (QP) 60 ICES-003 (AV) 50 40 peak 30 20 AVG 10 0 -10 -20 0.150 (MHz) 30.000 Frequency Reading Factor Level Limit Margin P/F Detector No. (MHz) (dBuV) (dB) (dBuV) (dBuV) (dB) 0.1680 32.18 9.77 41.95 65.06 -23.11 QP Ρ 1 0.1689 17.59 9.77 27.36 55.01 -27.65 AVG Ρ 2 3 0.2930 31.91 9.76 41.67 60.44 -18.77 QP Ρ 4 0.2940 31.26 9.76 41.02 50.41 -9.39 AVG Ρ 5 Ρ 0.5850 9.77 24.37 46.00 -21.63 AVG 14.60 6 0.5870 17.45 9.77 27.22 56.00 -28.78 QP Ρ 7 2.4840 4.21 9.82 14.03 46.00 -31.97 AVG Ρ 8 2.4860 12.64 9.82 22.46 56.00 -33.54 QP Ρ 9 5.7390 4.83 9.96 14.79 50.00 -35.21 AVG Ρ Ρ 10 5.7510 15.86 9.96 25.82 60.00 -34.18 QP Ρ 11 19.5540 28.07 10.65 38.72 60.00 -21.28 QP 12 19.5630 20.88 10.65 31.53 50.00 -18.47 AVG Ρ

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz) **EUT Operating Environment** Temperature: 25℃ Humidity: 65%RH Atmospheric Pressure: 101 kPa EUT set Condition: Charging + Communication by BT **Results: Pass** Please refer to following diagram for individual dBu¥ 80.0 70 ICES-003 (QP) 60 ICES-003 (AV) 50 40 peak 30 AVG 20 10 0 -10 -20 0.150 (MHz) 30.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1630	16.90	9.78	26.68	55.31	-28.63	AVG	Ρ
2	0.1640	36.19	9.78	45.97	65.26	-19.29	QP	Ρ
3	0.2160	14.74	9.75	24.49	52.97	-28.48	AVG	Ρ
4	0.2180	28.01	9.75	37.76	62.89	-25.13	QP	Ρ
5	0.2940	31.47	9.76	41.23	60.41	-19.18	QP	Ρ
6	0.2940	30.03	9.76	39.79	50.41	-10.62	AVG	Ρ
7	2.4810	4.29	9.82	14.11	46.00	-31.89	AVG	Ρ
8	2.4849	11.65	9.82	21.47	56.00	-34.53	QP	Ρ
9	5.7660	4.97	9.96	14.93	50.00	-35.07	AVG	Ρ
10	5.8130	15.53	9.96	25.49	60.00	-34.51	QP	Ρ
11	19.5590	21.96	10.65	32.61	50.00	-17.39	AVG	Ρ
12	19.5650	29.95	10.65	40.60	60.00	-19.40	QP	Р

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6 Radiated Emission Test

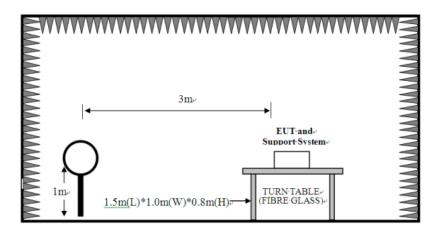
- 6.1 Test Method and test Procedure:
- The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 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 9kHz to 25 GHz was investigated. The frequency spectrum is set as follows:

Frequency	Detector	RBW	VBW	Value
9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
Above IGHZ	Peak	1MHz	10Hz	Average

(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

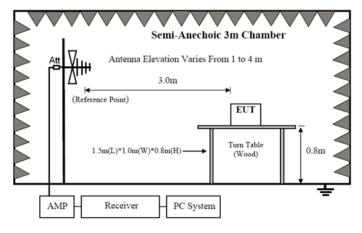


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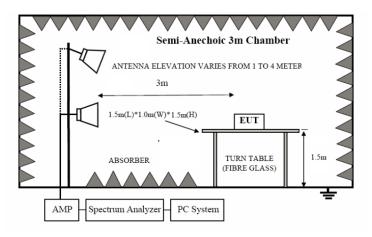
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For radiated emissions from 30MHz to1GHz



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.
- 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 Fundamental (3m)	Field Strength of Harmonics (3m)			
(MHz)	mV/m	dBuV/m	uV/m	dBuV/m		

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2400-2483.5		50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)
Note:	1. RF Field Streng	gth (dBuV)	$= 20 \log \text{RF Volt}$	age (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.

1	1	81
Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
0.009-0.490	3	20log(2400/F(kHz)) +40log (300/3)
0.490-1.705	3	20log(24000/F(kHz)) +40log (30/3)
1.705-30	3	69.5
30-80	3	40.0
88 216	3	43.5
2 6-960	3	46.0
Above 960	3	54.0
A00VC 900	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. Battery fully charged was used during the test.

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

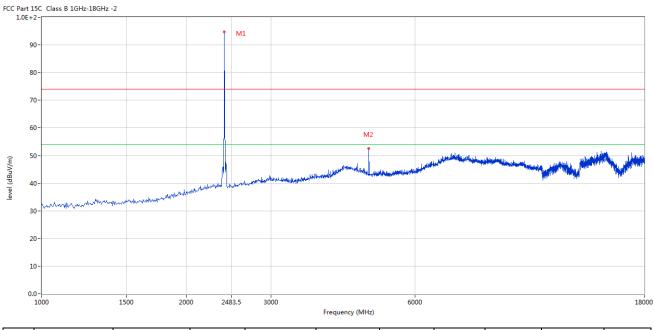
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6.5 Test resultA Fundamental & Harmonics Radiated Emission Data

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

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	95.22	-3.57	114.0	-18.78	Peak	240.00	100	Horizontal	Pass
1*	2402	85.71	-3.57	94.0	-8.29	AV	240.00	100	Horizontal	Pass
2	4802.799	52.51	3.12	74.0	-21.49	Peak	272.00	100	Horizontal	Pass

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1

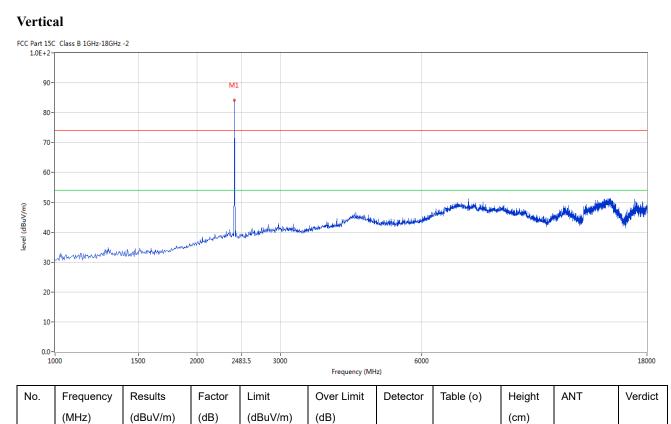
2402

85.08

-3.57

114.0





-28.92

Peak

53.00

100

Vertical

Pass

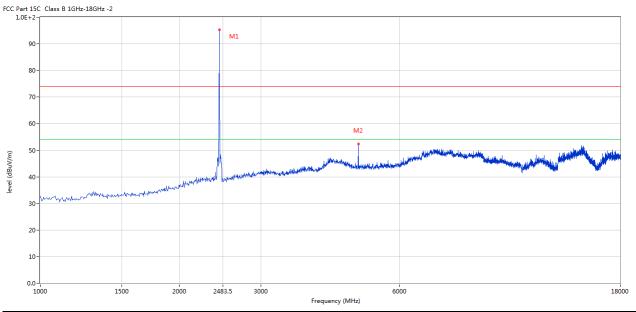
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	95.24	-3.57	114.0	-18.76	Peak	69.00	100	Horizontal	Pass
1*	2441	85.18	-3.57	94.0	-8.82	AV	69.00	100	Horizontal	Pass
2	4883.529	52.36	3.20	74.0	-21.64	Peak	237.00	100	Horizontal	Pass

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2441

1

83.34

-3.57

114.0



Pass

Vertical



Peak

106.00

100

-30.66

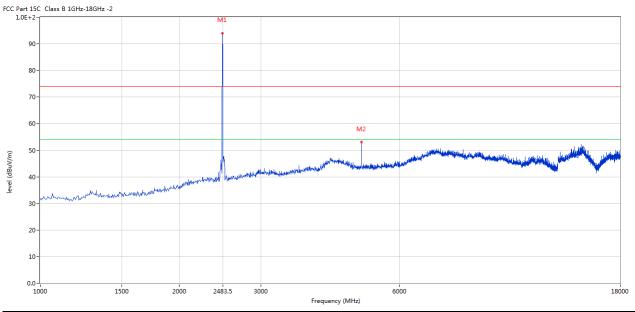
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal

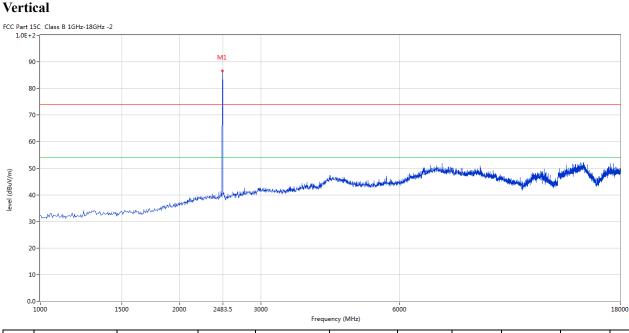


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	94.00	-3.57	114.0	-20.00	Peak	85.00	100	Horizontal	Pass
1*	2480	85.03	-3.57	94.0	-8.97	AV	85.00	100	Horizontal	Pass
2	4960.010	53.47	3.36	74.0	-20.53	Peak	268.00	100	Horizontal	Pass

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No	b. Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	86.72	-3.57	114.0	-27.28	Peak	54.00	100	Vertical	Pass

Note: (1) Emission Level = Reading Level + Antenna Factor + Cable Loss-Amplifier

(2) Margin=Emission-Limits

(3) According to section 15.35(b), the peak limit is 20dB higher than the average limit

(4) For test purpose, keep EUT continuous transmitting

(5) For emission above 18GHz and Below 30MHz, It is only the floor noise and less than the limit for more than 20dB. No necessary to take down.

(6) the measured PK value less than the AV limit.

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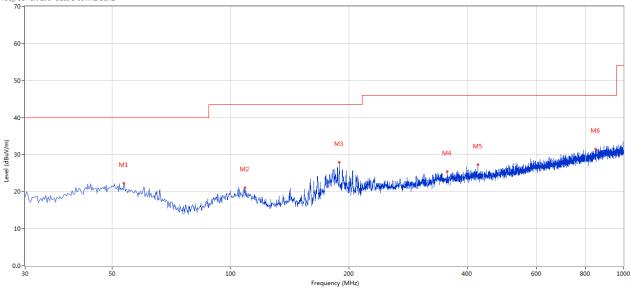
B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	53.517	22.32	-11.52	40.0	17.68	Peak	92.00	100	Horizontal	Pass
2	108.793	21.09	-13.50	43.5	22.41	Peak	69.00	100	Horizontal	Pass
3	189.040	27.98	-14.33	43.5	15.52	Peak	92.00	100	Horizontal	Pass
4	356.081	25.44	-9.49	46.0	20.56	Peak	25.00	100	Horizontal	Pass
5	426.388	27.26	-8.21	46.0	18.74	Peak	4.00	100	Horizontal	Pass
6	848.718	31.46	-2.70	46.0	14.54	Peak	83.00	100	Horizontal	Pass

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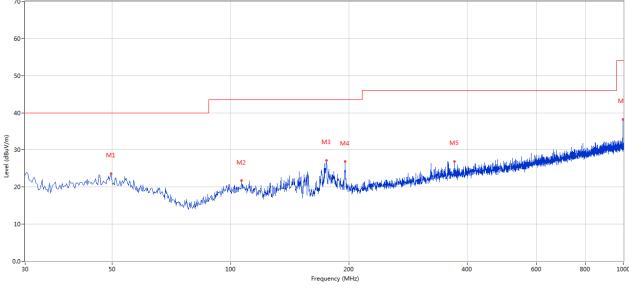
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

FCC_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	49.638	23.66	-11.32	40.0	16.34	Peak	185.00	100	Vertical	Pass
2	106.611	21.69	-13.36	43.5	21.81	Peak	251.00	100	Vertical	Pass
3	175.221	27.22	-15.63	43.5	16.28	Peak	210.00	100	Vertical	Pass
4	195.829	26.83	-13.66	43.5	16.67	Peak	31.00	100	Vertical	Pass
5	371.355	26.84	-9.51	46.0	19.16	Peak	73.00	100	Vertical	Pass
6	997.818	38.17	-1.23	54.0	15.83	Peak	14.00	100	Vertical	Pass

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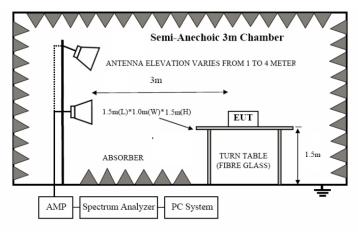


7. Band Edge

7.1 Test Method and test Procedure:

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

7.2 Radiated Test Setup



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

7.3 Configuration of the EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

7.5 Band Edge Limit

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

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7.6 Test Result

	Product:	WIRE	LESS GA	MING MOU	JSE	Pola	irity		Horizonta	al
Mode		Keeping Transmitting				Test V	oltage		DC3.7V	7
Temperature Test Result:		24 deg. C,				Hum	idity	56% RH		Ι
			Pass			-	-			
	15C Class B 1GHz-18GH	łz -2								
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level (dbuV/m	30- 20- 10-	Results	Factor	Limit		Detector	Table	Height	ANT	24 Verdict
level (dbuv/m	30- 20- 10- 2350	Results (dBuV/m)	1		Frequency (MHz)		Table (o)	Height (cm)	ANT	1
level (dbuv/m	20- 10- 2350 Frequency		Factor	Limit	Frequency (MHz) Over Limit			-	ANT	1
W/Angp) IBABI	20- 10- 2350 Frequency (MHz)	(dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	(0)	(cm)		Verdict
W/ngp) Iavai	20- 10- 2350 Frequency (MHz) 2401.932	(dBuV/m) 94.78	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 20.78	Detector Peak	(o) 58.00	(cm) 100	Horizontal	Verdict N/A

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Product:		W	WIRELESS GAMING MOUSE				ctor		Vertica	ıl
	Mode		Keeping Transmitting			Test Voltage		DC3.7V		V
	Temperature		24 deg. C, Pass			Humidity 		56% RH		
	Test Result:									
Part 1 1.0E+	15C Class B 1GHz-18GH	z -2								
9	90-								M1	
8	80 -								\bigwedge	
7	70-)	/	
6	50 -							/		
5										
5	50-					. м	3	M2		X
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4 3 2 1 0. 0.	40 - Uthur Bhildh And Lu 30	Results		Limit	Frequency (MHz)			-	ANT	2
4 3 2 1 0.	10 - Uth,	Results (dBuV/m)	(dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	(o)	(cm)		2 Verdic
4 3 2 1	40 - Uther Rhotel And	Results (dBuV/m) 84.96	(dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 10.96	Detector Peak	(o) 73.00	(cm) 100	Vertical	2. Verdic N/A

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	Product:	W	IOUSE	OUSE Polarity			Horizontal				
	Mode		g Test Voltage				DC3.7V				
	Temperature		24 deg. C,			Humidity			56% RH		
	Test Result: Pass										
	15C Class B 1GHz-18GH	iz -2									
1.0E+	+2-		ſ	M1							
ģ	90-		M	- h							
8	80-			-							
7	70-										
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1	30- 20- 10-	Results	Factor		83.5	Detector	Table	Height	ANT	25	
1	30- 20- 10- 2470		Factor (dB)	24	83.5 Frequency (MHz)	Detector			· · · · · · · · · · · · · · · · · · ·	25	
3	30- 20- 10- 2470 Frequency	Results		24 Limit	B3.5 Frequency (MHz) Over Limit	Detector	Table	Height	· · · · · · · · · · · · · · · · · · ·	25	
2 2 1 0 No.	30- 20- 10- 2470 Frequency (MHz)	Results (dBuV/m)	(dB)	Limit (dBuV/m)	83.5 Frequency (MHz) Over Limit (dB)		Table (o)	Height (cm)	ANT	25 Verdict	

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]	Product:			GAMING MOUSE		Detect			Vertical	
	Mode	k	ansmitting		Test Voltage			DC3.7V		
Te	emperature	24 deg. C,				Humidity		56% RH		
Te	est Result:		Pass							
	nt 15C Class B 1GHz-18GH DE+2- 90- 80-		MI	v						
	70 -		N	- Mr.						
			d -	M2						
level (dBuV/m)	50 - 40 - 30 - 20 -	in an	v C	A M2	My Munderendorsedation	na din da kana da kana ya katika da k	na ben a banda ba d	abdarovski dáladlik	-dente alderte at diver	
level (dBuV/m)	50- 40- 30-	In any in the set of t		2483.5		institution of the second s	nd finge south filler	ah daswan di na di na di ta		2500
level (dBuV/m) NO.	50 - 40 - 30 - 20 - 10 -	Results	Factor			Detector	Table	Height	ANT	2500
	50 - 40 - 30 - 20 - 10 - 2470		Factor (dB)		Frequency (MHz)				1	2500
	50- 40- 30- 20- 10- 2470 Frequency	Results		Limit	Frequency (MHz)		Table	Height	1	

Note: 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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9.0 20dB Bandwidth Measurement

Test Configuration



Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 30kHz RBW and 100kHz VBW.

The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

Limit

N/A

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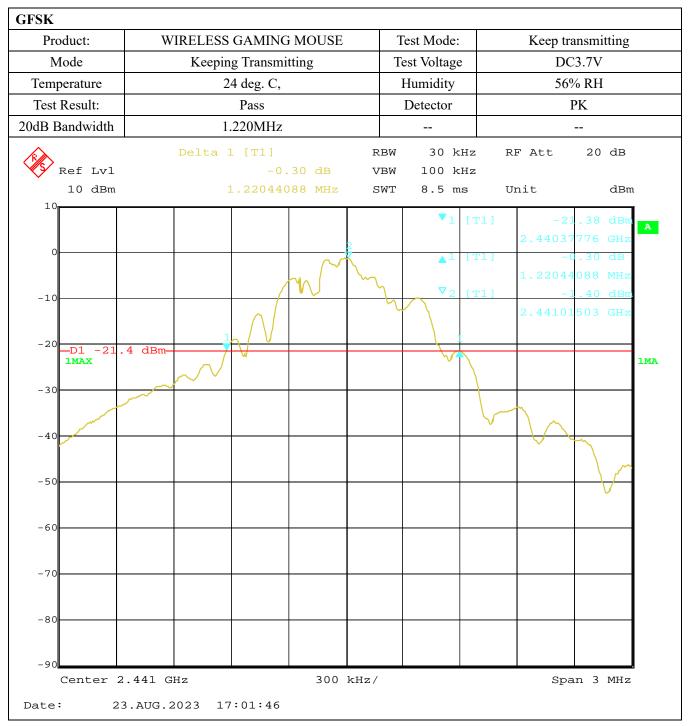


Test Result

Product:	WIRELESS GAMIN	Т	Test Mode:	Keep transmitting			_	
Mode	Keeping Transn	Т	est Voltage					
Temperature	24 deg. C.		Humidity	56% RH				
Test Result:	Pass		Detector	РК				
20dB Bandwidth	1.323MHz					-		
	Delta 1 [T1]]	RBW	30 kH	z Ri	F Att	20 dB	
Ref Lvl	0	.01 dB	VBW	100 kH	z			
10 dBm	1.32264	529 MHz	SWT	8.5 ms	U	nit	dBm	
10				V 1 [T1]	-21	.46 dBm	
						2.40134		A
0				<u>1</u>	T1]	(.01 dB	
			L.			1.32264		
-10			-	▼2 [[T1]	-1	.67 dBm	
	$ \wedge $					2.40201	503 GHz	
-20					1			
1MAX							1	1M
-30	~~							
						\uparrow		
-40								
-50								
-60								
-70								
-80								
-90								
Center 2.40	02 GHz	300 kHz,	/			Spa	ın 3 MHz	
ate: 23.A	TTG 2022 16.24.07							

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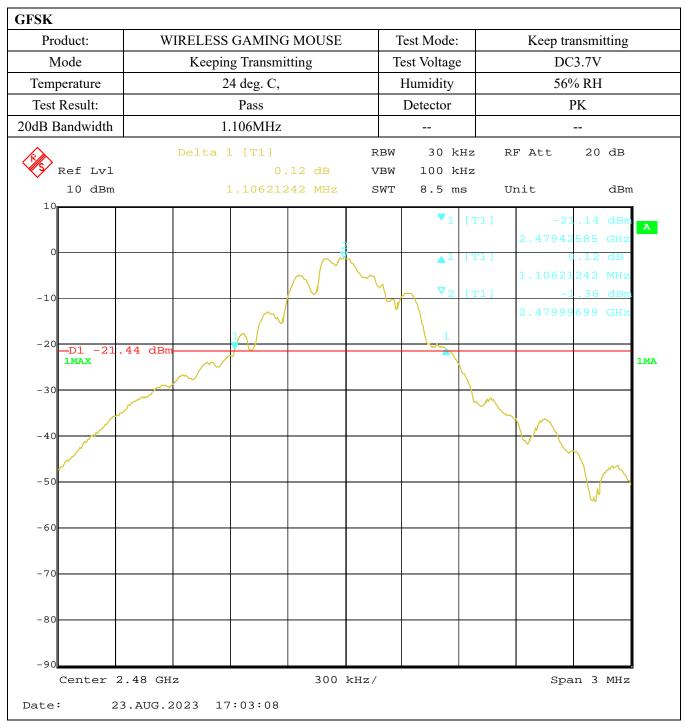




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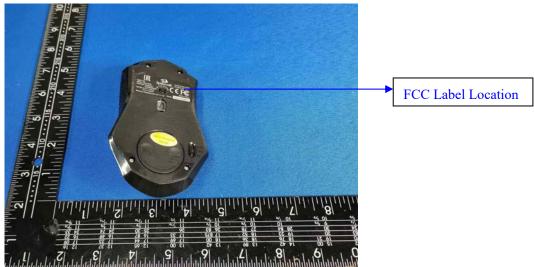
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10.0 FCC ID Label

FCC ID: TUVDS-2876C

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:



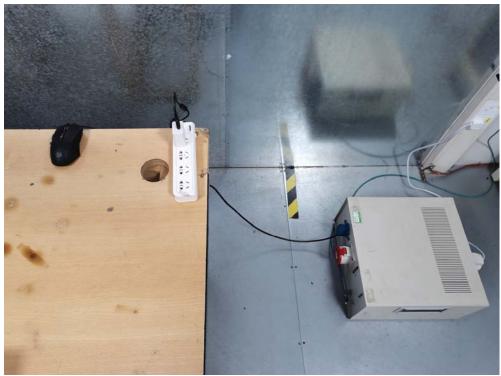
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11.0 Photo of testing

11.1 Conducted test View



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Radiated emission test view



11.2 Photographs – EUT

Please refer test report TW2306193-01E

--End of the report--

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