

Applicant: Eastern Times Technology Co.,Ltd

Product: WIRELESS ULTRA LIGHT-WEIGHT 4K E-SPORT GRADE

GAMING MOUSE

Model No.: M916-PRO-4K, M916W-PRO-4K, M916P-PRO-4K, DS-2986

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

Manager

Dated: April 20, 2024

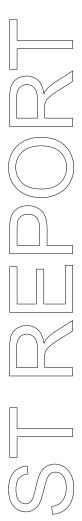
Results appearing herein relate only to the sample tested

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



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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

Date: 2024-04-20



Test Report Conclusion

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11.0

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Photo of Test Setup and EUT View....

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Date: 2024-04-20



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: WIRELESS ULTRA LIGHT-WEIGHT 4K E-SPORT GRADE 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

Additional Trademark: N/A

Model Number: M916-PRO-4K

Additional Model Name M916W-PRO-4K, M916P-PRO-4K, DS-2986

Hardware Version: 2986-G TX V1 Software Version: V33B5EAD6

Serial No.: RDM916-PR0-4K23120100313
Rating: DC5V, 300mA or DC3.7V, 35mA
Battery: 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 -2.39dBi Max (Get from the antenna specification)

1.4 Submitted Sample: 2 Samples

1.5 Test Duration

2024-04-03 to 2024-04-20

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

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	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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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

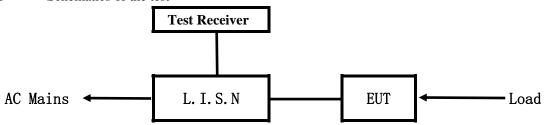
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5. Power Line Conducted Emission Test

5.1 Schematics of the test

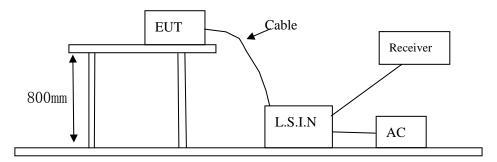


EUT: Equipment Under Test

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
WIRELESS ULTRA	Eastern Times	M916-PRO-4K,	
LIGHT-WEIGHT 4K E-SPORT		M916W-PRO-4K,	TUVDS-2986G
GRADE GAMING MOUSE	Technology Co.,Ltd	M916P-PRO-4K, DS-2986	

B. Internal Device

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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	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

Date: 2024-04-20



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

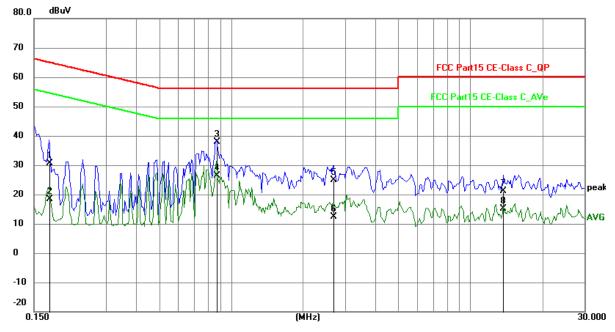
EUT Operating Environment

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	20.86	9.77	30.63	64.80	-34.17	QP	Р
2	0.1734	8.71	9.77	18.48	54.80	-36.32	AVG	Р
3	0.8676	28.10	9.79	37.89	56.00	-18.11	QP	Р
4	0.8676	16.50	9.79	26.29	46.00	-19.71	AVG	Р
5	2.6772	15.04	9.83	24.87	56.00	-31.13	QP	Р
6	2.6772	2.58	9.83	12.41	46.00	-33.59	AVG	Р
7	13.7523	10.75	10.33	21.08	60.00	-38.92	QP	Р
8	13.7523	4.87	10.33	15.20	50.00	-34.80	AVG	Р

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

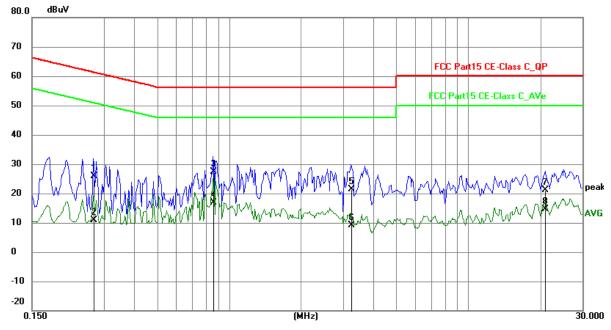
EUT Operating Environment

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	0.2709	16.16	9.75	25.91	61.09	-35.18	QP	Р
2	0.2709	1.14	9.75	10.89	51.09	-40.20	AVG	Р
3	0.8598	17.69	9.79	27.48	56.00	-28.52	QP	Р
4	0.8598	6.97	9.79	16.76	46.00	-29.24	AVG	Р
5	3.2301	11.47	9.85	21.32	56.00	-34.68	QP	Р
6	3.2301	-0.71	9.85	9.14	46.00	-36.86	AVG	Р
7	20.9946	10.40	10.74	21.14	60.00	-38.86	QP	Р
8	20.9946	3.91	10.74	14.65	50.00	-35.35	AVG	Р

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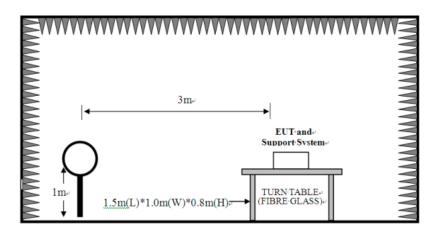


6 Radiated Emission Test

- 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



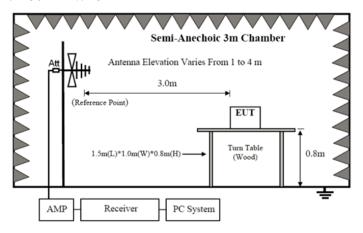
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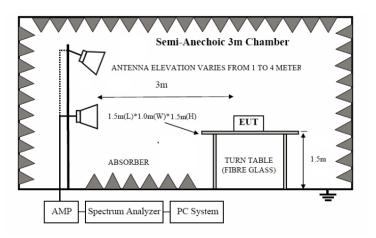
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For radiated emissions from 30MHz to1GHz



For radiated emissions above 1GHz



- 6.2 Configuration of The EUT
 Same as section 5.3 of this report
- 6.3 EUT Operating Condition

 Same as section 5.4 of this report.

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6.4 Radiated Emission Limit

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

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

Fundamental Frequency	Field Strength of Fundamental (3m)			Field Strength of Harmonics (3m)		
(MHz)	mV/m	dBuV/m		uV/m	dBu	V/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	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
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

- 1. RF Voltage $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 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. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.
- 5. For radiated emissions from 9kHz to 30MHz, the emission level is much less than the limit for more than 20dB. No necessary to take down the record.
- 6. Battery full charged during tests.

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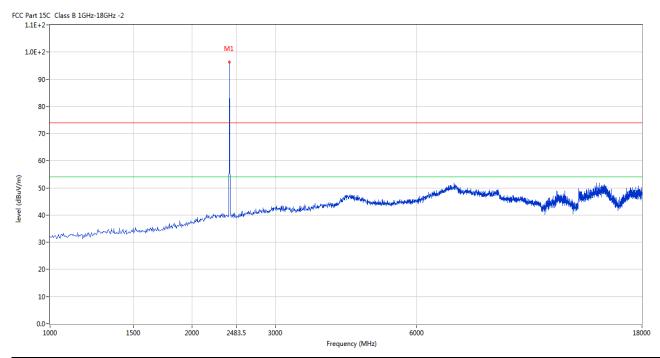


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



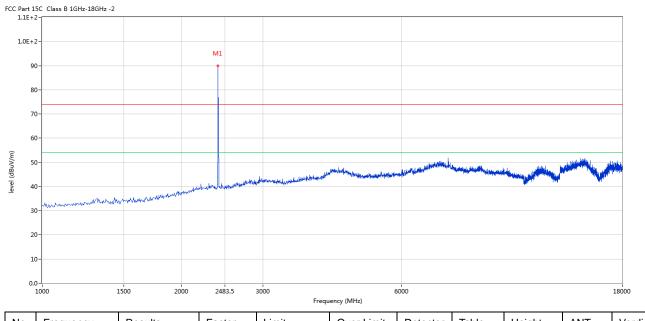
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	96.24	-3.57	114.0	-17.76	Peak	77.00	100	Horizontal	Pass
1**	2402	87.33	-3.57	94.0	-6.67	AV	77.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	89.99	-3.57	114.0	-24.01	Peak	190.00	100	Vertical	Pass

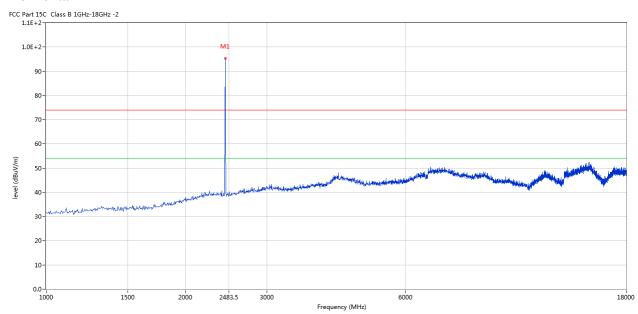
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal



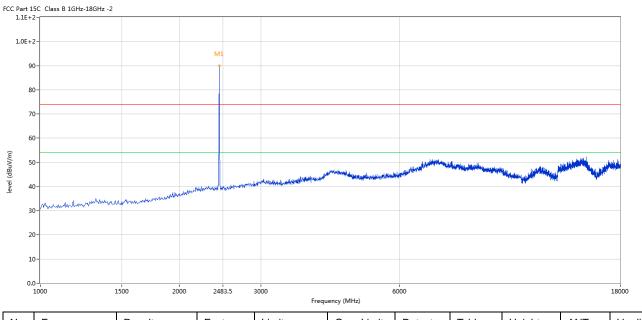
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	95.26	-3.57	114.0	-18.74	Peak	70.00	100	Horizontal	Pass
1**	2441	86.41	-3.57	94.0	-7.59	AV	70.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	89.85	-3.57	114.0	-24.15	Peak	202.00	100	Vertical	Pass

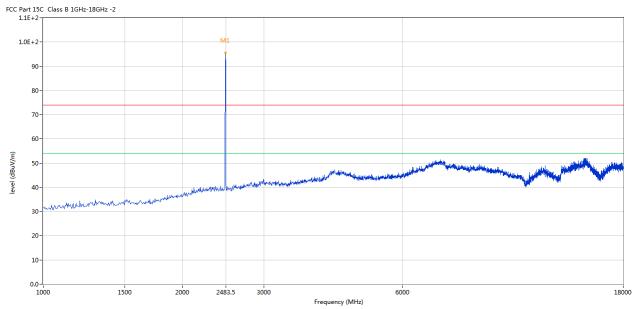
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	95.52	-3.57	114.0	-18.48	Peak	252.00	100	Horizontal	Pass
1**	2480	86.57	-3.57	94.0	-7.43	AV	252.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	88.33	-3.57	114.0	-25.67	Peak	208.00	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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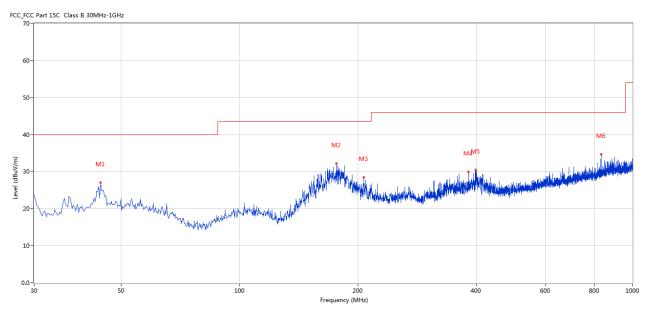


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	44.304	27.00	-11.46	40.0	13.00	Peak	103.00	100	Horizontal	Pass
2	176.433	32.13	-15.68	43.5	11.37	Peak	110.00	100	Horizontal	Pass
3	206.981	28.51	-13.67	43.5	14.99	Peak	39.00	100	Horizontal	Pass
4	382.022	29.98	-9.17	46.0	16.02	Peak	201.00	100	Horizontal	Pass
5	398.508	30.42	-8.65	46.0	15.58	Peak	81.00	100	Horizontal	Pass
6	833.202	34.62	-2.84	46.0	11.38	Peak	139.00	100	Horizontal	Pass

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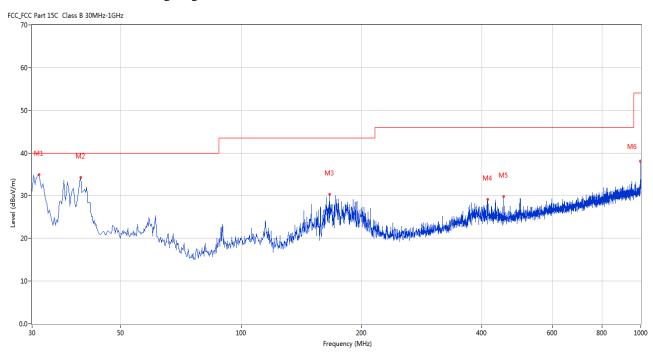


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	31.212	34.91	-14.58	40.0	5.09	Peak	34.00	100	Vertical	Pass
2	39.698	34.31	-12.47	40.0	5.69	Peak	320.00	100	Vertical	Pass
3	166.493	30.33	-16.05	43.5	13.17	Peak	20.00	100	Vertical	Pass
4	413.539	29.11	-8.28	46.0	16.89	Peak	240.00	100	Vertical	Pass
5	453.784	29.78	-7.87	46.0	16.22	Peak	209.00	100	Vertical	Pass
6	996.606	38.06	-1.26	54.0	15.94	Peak	234.00	100	Vertical	Pass

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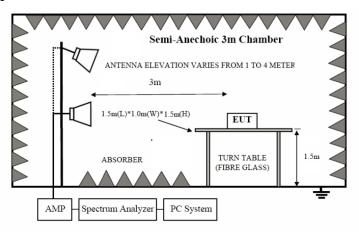


7. Band Edge

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.

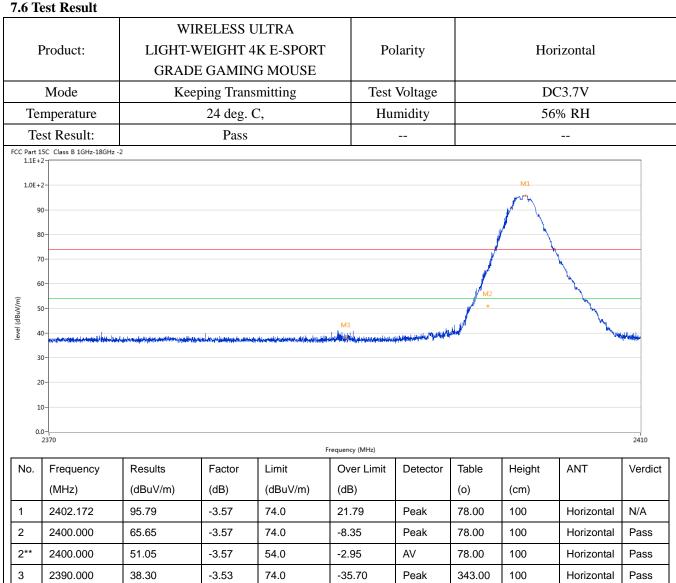
7.5 Band Edge Limit

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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	D 1 .		RELESS U		D .			X 7		
	Product:			K E-SPORT	Dei	tector		Vert	ical	
				G MOUSE						
	Mode	Kee	eping Trans 24 deg. 0			Voltage	DC3.7V			
	emperature	Hur	midity	56% RH						
	Test Result:		Pass						_	
CC Part 1.1E	t 15C Class B 1GHz-18GHz E+2-	:-2								
1.0E	E+2-									
	90-							M1		
								Name of the last		
	80-									
	70-						الل	<i>,</i>	<u> </u>	
	60-									
							M2			
m//m	50-						- V .			
evel (dBuV/m	40-			di san a d	M3	a tel - la renes di	· Indiana		Market	
level (dBuV/m)	40-	to the site of the state of the	ribuggadig List at a Universal	الإدار	M3	decliphe and tender the later to	•		M	**************************************
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	40	den kung kenjada pada semuniah kedas tambah sebagai kenjada sembah	in its inggenedig distribution for the connected	inning mengahkan dikan mengga	M3 Karagariyahan luu uguni Arabadaa	da digiha ay diiyada da fariish	Service Control of the Control of th		No.	
	30- 20-	des hand services the second section of the hand section of the ha	reduced in Landon and America		M3	den ligha ay directive den lescola	Section of the sectio		No.	
	40	Results	Factor	Limit	Frequency (MHz)	Detector	Table	Height	ANT	241a Verdict
	40	Results (dBuV/m)			Frequency (MHz)	Detector	Table (o)	Height (cm)	ANT	2410
	40		Factor	Limit	Frequency (MHz)	Detector			ANT Vertical	241
No.	40- 30- 20- 10- 0.0- 2370 Frequency (MHz)	(dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)		(0)	(cm)		241 Verdic
No.	40-140-140-140-140-140-140-140-140-140-1	(dBuV/m) 89.31	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 15.31	Peak	(o) 199.00	(cm)	Vertical	Verdict

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]	Product:	MOUSE				Polarity		Н	orizontal	
	Mode	Ke	eping Tra	nsmitting	Т	est Voltage	e	Γ	C3.7V	
Te	mperature		24 deg	. C,		Humidity		5	6% RH	
Te	est Result:		Pass	3						
CC Part 1 1.1E+	15C Class B 1GHz-18GHz	-2			'		'			
1.0E+	2-		M1	Ln						
9	10-		MANA	1						
8	0-		V							
7	70-		1	- 1						
6	:0		XX .	W.						
	00-	كرمر		4	X					
level (dBuV/m)	60-	7/4		M2	The same of the sa					
<u>8</u> 4	10 - Januari - Artino de la constitución de la cons	Maria Maria Palaban			Morning	Market and the second	ويرديس والمارطية الخيرا فيلة الأفيروني	-	-	
3	0-									
2	20-									
1	.0-									
	2470			2483						250
NI-		Desette		122	Frequency (MHz)	1 D	T-1-1-	I I I I I I I I	ANIT	\
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2479.943	94.63	-3.57	74.0	20.63	Peak	78.00	100	Horizontal	N/A
_	2483.500	57.34	-3.57	74.0	-16.66	Peak	76.57	100	Horizontal	Pass
2										

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I	Product:			LIGHT-WEIC ADE GAMINO SE		etector		Ve	rtical	
	Mode	Ke	eping Tran		Tes	t Voltage		DC	:3.7V	
Te	mperature		24 deg.			umidity			% RH	
	est Result:		Pass							
1.1E+: 1.0E+: 90	2- 0- 0- 0- 0- 0- 0-	Secretary plant state still state and a secretary and a secret	M1	M2	Market Section of the	en, on the department of the add	n fewinds pyradides discovered and	ini diawa di mania na mada na in	1864 i Paradalikansani kushpula upkanl	alan da aya
0.0	0- 2470			2483.5 Fre	equency (MHz)					2500
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdic
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480.182	87.99	-3.57	74.0	13.99	Peak	211.00	100	Vertical	N/A
2	2483.500	52.59	-3.57	74.0	-21.41	Peak	211.00	100	Vertical	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 -2.39dBi maximum. It fulfills the requirement of this section.

Test Result: Pass

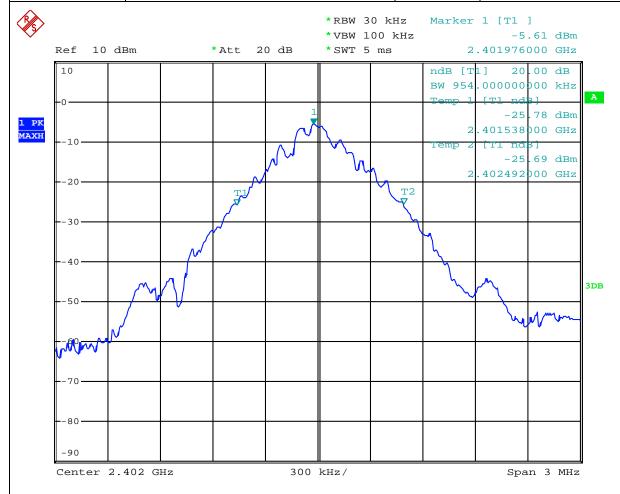
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9.0 20dB Bandwidt	h Measurement		
Product:	WIRELESS ULTRA LIGHT-WEIGHT 4K	Test Mode:	Keep transmitting
	E-SPORT GRADE GAMING MOUSE		
Mode	Keeping Transmitting	Test Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	954kHz		



Date: 11.APR.2024 10:23:23

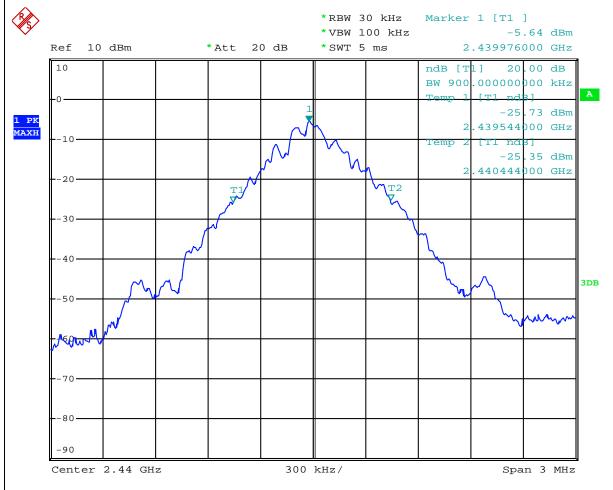
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	WIRELESS ULTRA LIGHT-WEIGHT				
Product:	4K E-SPORT GRADE GAMING	Test Mode:	Keep transmitting		
	MOUSE				
Mode	Keeping Transmitting	Test Voltage	DC3.7V		
Temperature	24 deg. C,	Humidity	56% RH		
Test Result:	Pass	Detector	PK		
20dB Bandwidth	900kHz				



Date: 11.APR.2024 10:24:02

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Product:	WIRELESS ULTRA LIGHT-WEIGHT 4K E-SPORT GRADE 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	900kHz							
Ref 10 d	Bm	*Att 20 dB	*RBW 30 *VBW 10 *SWT 5	0 kHz	2 ndB [T BW 900	-6.479988	.67 dBm 000 GHz .00 dB	A
1 PK MAXH10			1 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Temp 2	.479544 [Ti nd -26	.60 dBm 000 GHz B) .24 dBm	
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-£Q -1	/					Joyy	Muni	
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Center 2.	48 GHz	300	kHz/			Spa	n 3 MHz	l
Date: 11.APR.	2024 10:2	5:41						

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Date: 2024-04-20

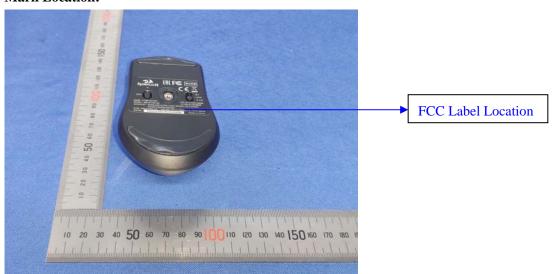


10.0 FCC ID Label

FCC ID: TUVDS-2986G

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

Conducted test View--11.1



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Radiated emission test view





Photographs - EUT

Please refer test report TW2404044-01E

-- End of the report--

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

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