

Report No.:	TW2404044-01E
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 and

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



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 Sates
Registration	Number: 744189
For 3m Anec	choic 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
Model Number:	M916-PRO-4K
Additional Model Name	M916W-PRO-4K, M916P-PRO-4K, DS-2986
Rating:	DC5V, 300mA or DC3.7V, 35mA
Battery	DC3.7V, 400mAh Li-ion battery
Modulation Type:	GFSK
Operation Frequency:	2403-2480MHz
Channel List (Unit: MHz):	2403, 2472, 2466, 2458, 2450, 2462, 2441, 2468, 2424, 2474, 2446, 2464,
	2480, 2444, 2470, 2450
Hardware Version:	2986-G TX V1
Software Version:	V33B5EAD6
Serial No.:	RDM916-PR0-4K23120100313
Antenna Designation	PCB antenna with gain -2.39dBi Max (Get from the antenna specification)

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- 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

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:

3.0 Technical Details

3.1 Summary of test results

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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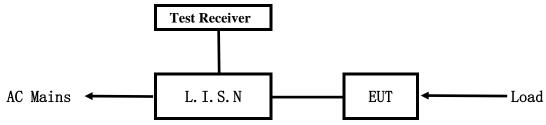
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

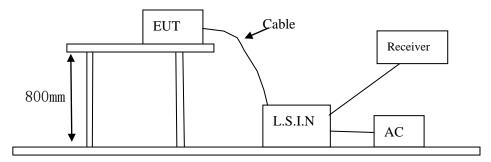


EUT: Equipment Under Test

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. Test Voltage: 120V~, 60Hz

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. 16 channels are provided to the EUT

A.	EUT
	201

Device	Manufacturer	Model	FCC ID
WIRELESS ULTRA		M916-PRO-4K,	
LIGHT-WEIGHT 4K	Eastern Times Technology	M916W-PRO-4K,	TUVDS-2986G
E-SPORT GRADE GAMING	Co.,Ltd	M916P-PRO-4K,	10705-29800
MOUSE		DS-2986	

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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 (d	lΒ μ V)
(MHz)	Quasi-peak Level	Ave ag Level
$0.15~\sim~0.50$	66.0~56.0*	56.0~46.0*
$0.50~\sim~5.00$	56.0	46.0
$5.00~\sim~30.00$	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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Conducted Emission on Live Terminal (150kHz to 30MHz) A: **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 dBu¥ 80.0 70 FCC Part15 CE-Class C_QP 60 FCC Part 5 CE-Class C_AVe 50 40 peak 30 Manh AVG 20 10 0 -10 -20 30.000 0.150 (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2007	33.16	9.75	42.91	63.58	-20.67	QP	Ρ
2	0.2007	18.40	9.75	28.15	53.58	-25.43	AVG	Ρ
3	0.4230	23.03	9.76	32.79	57.39	-24.60	QP	Ρ
4	0.4230	13.43	9.76	23.19	47.39	-24.20	AVG	Ρ
5	4.3533	19.23	9.90	29.13	56.00	-26.87	QP	Ρ
6	4.3533	8.35	9.90	18.25	46.00	-27.75	AVG	Ρ
7	16.4355	20.59	10.47	31.06	60.00	-28.94	QP	Ρ
8	16.4355	15.06	10.47	25.53	50.00	-24.47	AVG	Ρ

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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 dBu¥ 80.0 70 FCC Part15 CE-Class C_QP 60 FCC Part 5 CE-Class C_AVe 50 40 peak 30 AVG NW 20 10 0 -10 -20 30.000 0.150 (MHz)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1578	46.03	9.78	55.81	65.58	-9.77	QP	Ρ
2	0.1578	31.89	9.78	41.67	<mark>55.58</mark>	-13.91	AVG	Ρ
3	0.3021	20.31	9.76	30.07	60.18	-30.11	QP	Ρ
4	0.3021	3.22	9.76	12.98	50 .18	-37.20	AVG	Р
5	4.4469	18.75	9.91	28.66	56.00	-27.34	QP	Ρ
6	4.4469	9.37	9.91	19.28	46.00	-26.72	AVG	Ρ
7	16.7007	17.88	10.48	28.36	60.00	-31.64	QP	Ρ
8	16.7007	12.91	10.48	23.39	50.00	-26.61	AVG	Ρ

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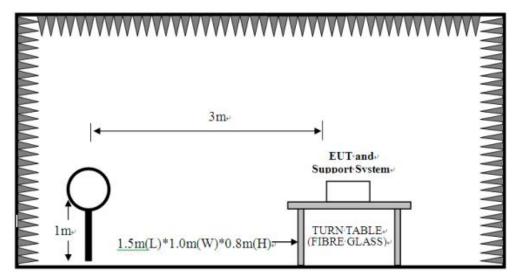


6 Radiated Emission Test

- 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 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

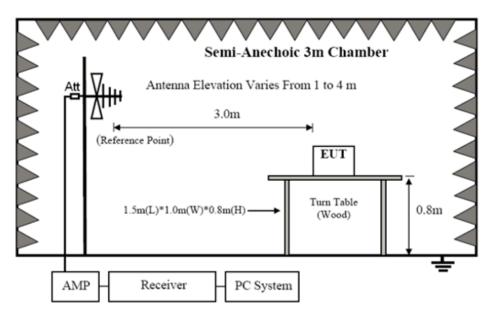


For radiated emissions from 30MHz to1GHz

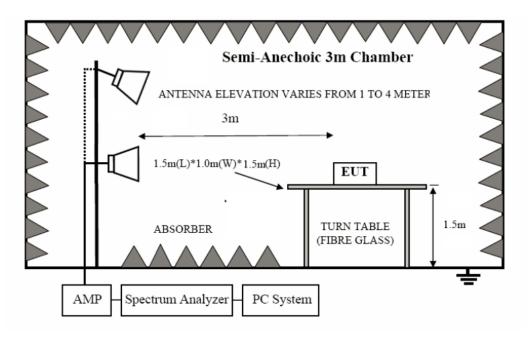
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For radiated emissions above 1GHz



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.

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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 Stre	ength of Fundame	ntal (3m)	Field S	trength of Harmo	nics (3m)
(MHz)	mV/m	dBu	V/m	uV/m	dBu	V/m
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)
	1 (10 10)					

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
30-80	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

: 1. RF Voltage (dBuV) = $20 \log \text{RF}$ 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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6.5 Test result

(MHz)

2403

1

(dBuV/m)

89.82

(dB)

-3.57

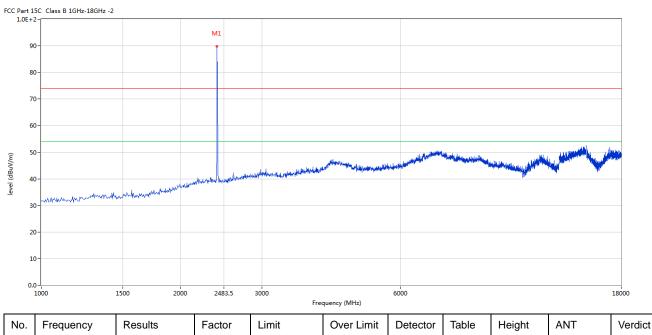
(dBuV/m)

114.0

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



(dB)

-24.18

(0)

11.00

Peak

(cm)

100

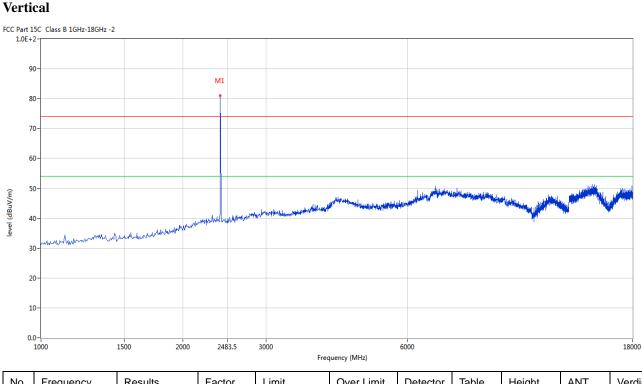
Horizontal

Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2403	81.06	-3.57	114.0	-32.94	Peak	42.00	100	Vertical	Pass

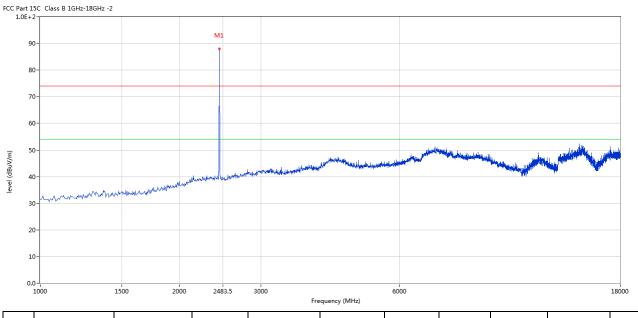
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal

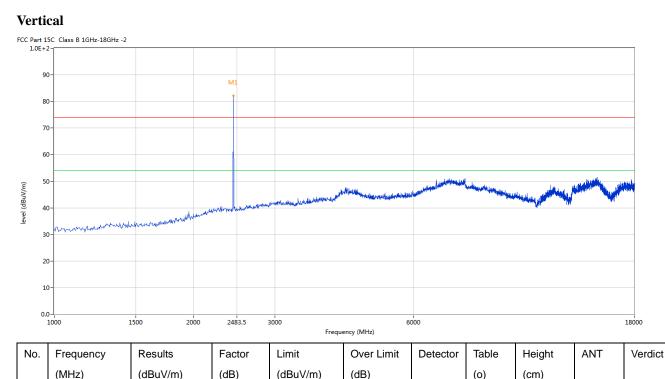


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	88.01	-3.57	114.0	-25.99	Peak	162.00	100	Horizontal	Pass

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-31.95

71.00

100

Vertical

Pass

Peak

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

82.05

-3.57

114.0

2441

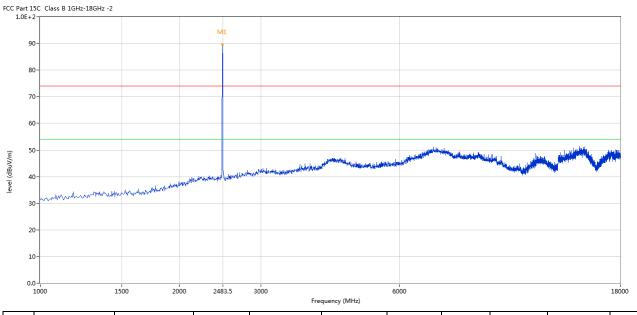
1

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

Horizontal

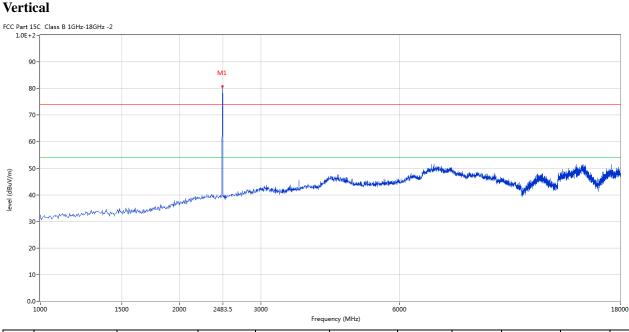


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	89.50	-3.57	114.0	-24.50	Peak	43.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	80.79	-3.57	114.0	-33.21	Peak	26.00	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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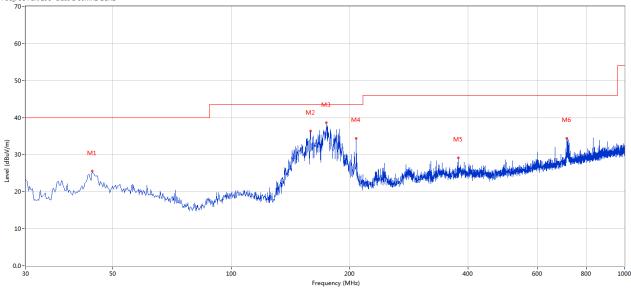
B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual

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	44.304	25.51	-11.46	40.0	14.49	Peak	264.00	100	Horizontal	Pass
2	158.978	36.39	-16.44	43.5	7.11	Peak	142.00	100	Horizontal	Pass
3	174.251	38.56	-15.82	43.5	4.94	Peak	110.00	100	Horizontal	Pass
4	207.951	34.38	-13.69	43.5	9.12	Peak	209.00	100	Horizontal	Pass
5	377.416	29.10	-9.37	46.0	16.90	Peak	177.00	100	Horizontal	Pass
6	713.194	34.45	-3.94	46.0	11.55	Peak	123.00	100	Horizontal	Pass

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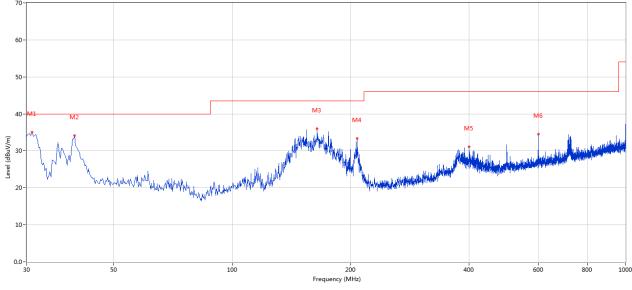
Radiated Emission In Vertical (30MHz----1000MHz)

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	30.970	35.08	-14.59	40.0	4.92	Peak	250.00	100	Vertical	Pass
2	39.698	34.11	-12.47	40.0	5.89	Peak	324.00	100	Vertical	Pass
3	164.311	36.01	-16.27	43.5	7.49	Peak	71.00	100	Vertical	Pass
4	207.951	33.35	-13.69	43.5	10.15	Peak	264.00	100	Vertical	Pass
5	399.963	31.11	-8.57	46.0	14.89	Peak	73.00	100	Vertical	Pass
6	599.975	34.55	-4.95	46.0	11.45	Peak	263.00	100	Vertical	Pass

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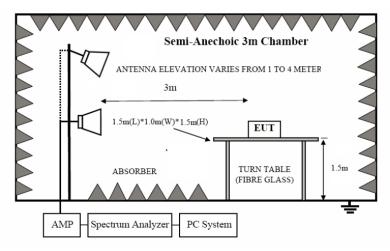


7. Band Edge

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

		WINELED	JULIMI	LIGHT-WEIGH	. 1					
]	Product:	4K E-SP	ORT GRA	DE GAMING		Polarity		I	Horizontal	
			MOUS	SE						
	Mode	Ke	eping Tran	ismitting	Te	est Voltage	e		DC3.7V	
Te	mperature		24 deg.	С,]	Humidity			56% RH	
Te	est Result:		Pass							
C Part 1 1.0E+	15C Class B 1GHz-18GHz	-2								
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3 2 1 0 No.	00- 10- 10- 10- 10- 10- 10- 10-	Results (dBuV/m)	Factor (dB)	Frequen Limit ((dBuV/m) (1	Over Limit (dB)		Table (o)	Height (cm)	ANT	Verdic
No.	io 	Results (dBuV/m) 89.11	Factor (dB) -3.57	Frequen Limit (dBuV/m) (r 74.0 1	Over Limit (dB) 15.11	Peak	Table (o) 15.00	Height (cm) 100	ANT Horizontal	Verdic N/A
No.	50 - 10 -	Results (dBuV/m) 89.11 55.07	Factor (dB) -3.57 -3.57	Frequent Limit C (dBuV/m) (r 74.0 1 74.0 -	Over Limit (dB) 15.11 -18.93	Peak Peak	Table (o) 15.00 15.00	Height (cm) 100 100	ANT Horizontal Horizontal	Verdic N/A Pass
No.	io 	Results (dBuV/m) 89.11	Factor (dB) -3.57	Frequent Limit C (dBuV/m) (r 74.0 1 74.0 -	Over Limit (dB) 15.11	Peak	Table (o) 15.00	Height (cm) 100	ANT Horizontal	Verdic N/A

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]	Product:	LIGHT-V		ULTRA 4K E-SPORT 7G MOUSE	I	Detector		V	Vertical	
	Mode	Kee	ping Trans	smitting	Te	st Voltage		D	C3.7V	
Те	mperature		24 deg.	С,		Iumidity		50	5% RH	
Τe	est Result:		Pass							
CC Part 1 1.0E+	15C Class B 1GHz-18GHz	-2								
1.004	2									
9	10-				M1					
8					\frown	\				
7						\mathbf{h}				
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I	Product:			ALIGHT-WE ADE GAMI		Pola	rity		Horizonta	1
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-	Mode	ľ		ansmitting		Test Vo			DC3.7V	
	emperature		24 de	-		Humi	dity		56% RH	
	est Result:		Pa	88						
CC Part 1 1.0E+	15C Class B 1GHz-18GHz	-2]
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3 	20 - .0 - .0 -			24935						2500
3 	20-			2483.5	Frequency (MHz)					2500
3 	20 - .0 - .0 -	Results	Factor			Detector	Table	Height	ANT	2500 Verdic
3 2 1 0.	20 - .0 - .0 - .2470	Results (dBuV/m)	Factor (dB)	1	Frequency (MHz)	Detector	Table (o)	Height (cm)	ANT	
3 2 1 0.	20- .0- .0- .2470 Frequency			Limit	Frequency (MHz) Over Limit	Detector Peak		-	ANT Horizontal	
3 2 1 0. NO.	20- .0- .0- .0- .0- .0- .0- .0-	(dBuV/m)	(dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)		(0)	(cm)		Verdic

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	Product:			LIGHT-WEIG ADE GAMINC SE		Detector		Ve	ertical	
	Mode	Ke	eeping Trar	nsmitting	Tes	st Voltage		D	C3.7V	
Те	emperature		24 deg.			umidity		56	% RH	
Te	est Result:		Pass							
C Part 1.0E+	15C Class B 1GHz-18GHz	-2								
level (dbuV/m)	90 - 80 - 70 - 50 - 40 - 		MI	M2	a a the state of t	heirrine Mylessakere den pastyre	in sen stelle sen finden finden s	Augistatistics and and and a set of		
0	2470			2483.5						2500
	2.00				quency (MHz)					2000
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdic
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
	2480.280	80.22	-3.57	74.0	6.22	Peak	32.00	100	Vertical	N/A
1										

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. The antenna gain is -2.39dBi Max. It fulfills the requirement of this section. Test Result: Pass

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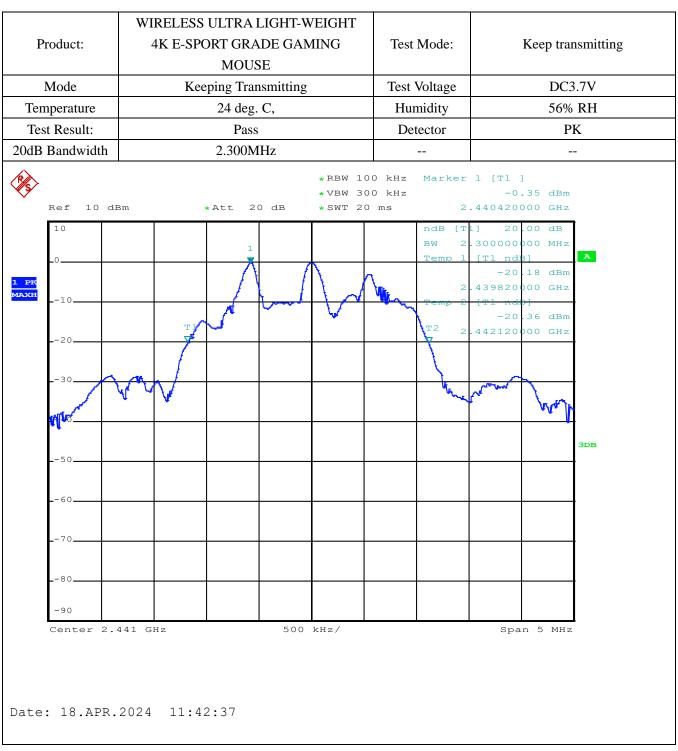


	WIRELESS U						
Product:	4K E-SPO	RT GRADE C	GAMING	Test M	lode:	Ke	ep transmitting
		MOUSE					
Mode	Keep	oing Transmitt	ing	Test Vo	ltage	DC3.7V	
Temperature		24 deg. C,		Humidity		56% RH	
Test Result:		Detec	ctor	РК			
20dB Bandwidth		2.300MHz					
Ref 10 di	3m *	Att 20 dB		00 kHz		r 1 [T1 -0 2.402420	.07 dBm
10						_	.00 dB
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50							3DB
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70							
80							
-90							
Center 2.	403 GHz	GHz 500 kHz/				Spa	in 5 MHz

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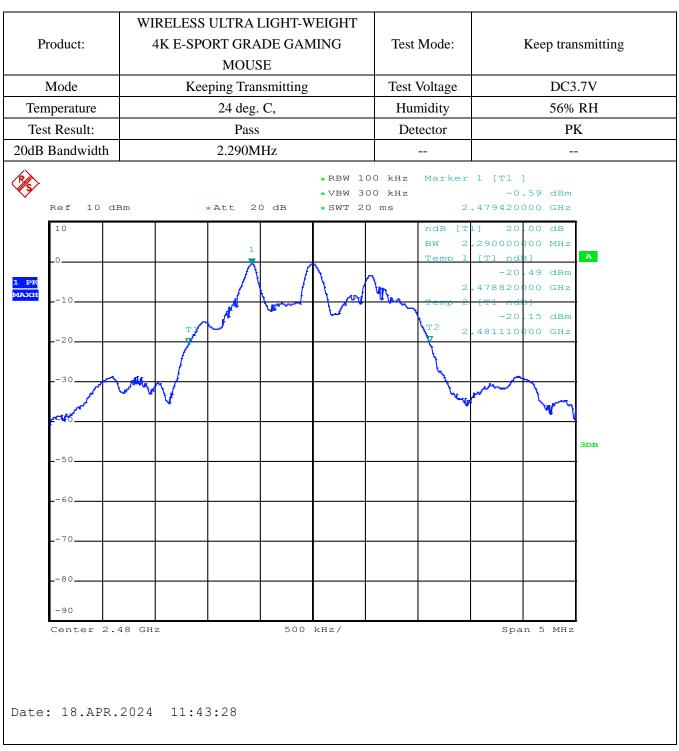


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10.0 FCC ID Label

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

11.1 Conducted test View--

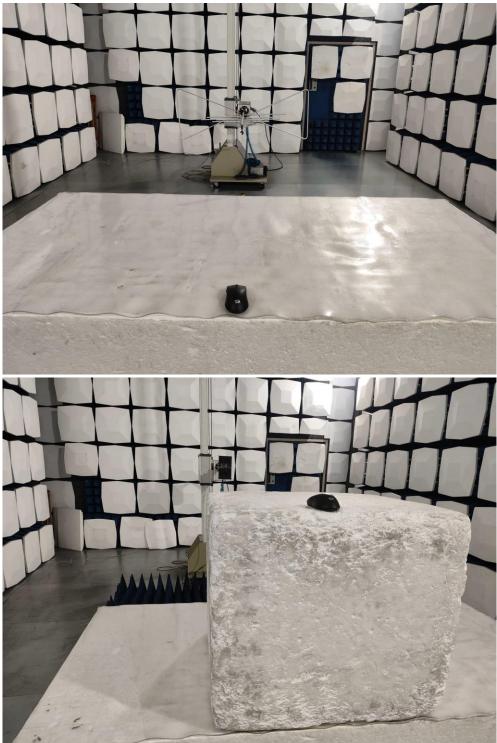


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Radiated emission test view



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11.2

Outside View-Mouse



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Outside View-Mouse



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Outside View-Mouse



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Outside View



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Inside View-Mouse

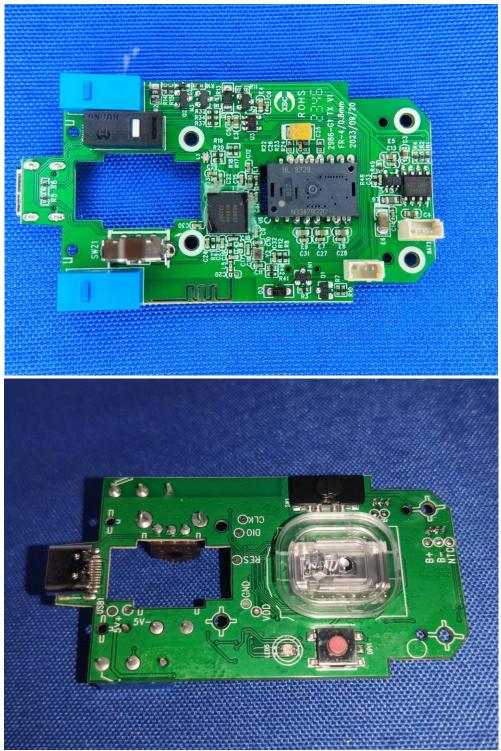


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Inside View-Mouse

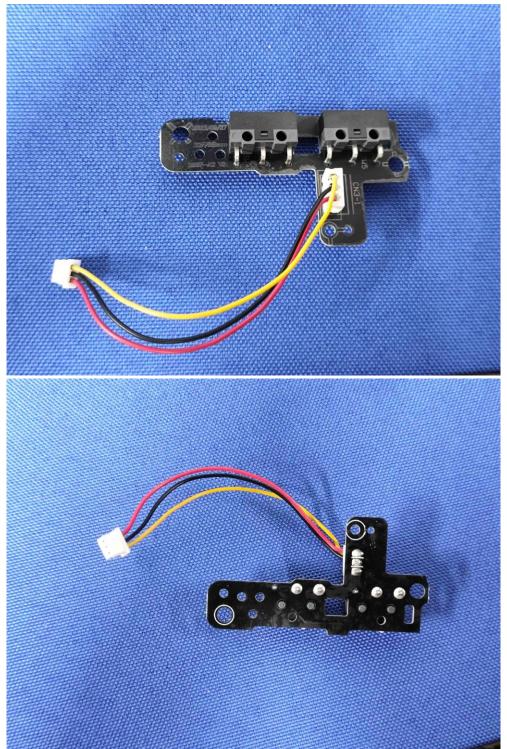


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Inside View-Mouse



--End of the Report--

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