

Report No.:	TW2409228E
Applicant:	Eastern Times Technology Co., Ltd
Product:	WIRED&WIRELESS GAMING MOUSE
Model No.:	M711-PRO, M711W-PRO, DS-2968
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 Jong

Terry Tang

Manager

Dated:

September 25, 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 v	with the Federal Communications Commission – United Sates		
Registration	Registration Number: 744189		
For 3m Anec	For 3m Anechoic Chamber		

1.2 Applicant Details

Applicant:	Eastern Times Technology Co., Ltd
Address:	Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City,
	Guangdong, China.

1.3 Description of EUT

Description of LOT	
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.
Trademark:	REDRAGON
Model Number:	M711-PRO
Additional Model Name	M711W-PRO, DS-2968
Rating:	Input: DC5V, 250mA or DC3.7V, 50mA
Battery	DC3.7V, 700mAh Li-ion battery
Modulation Type:	GFSK
Operation Frequency:	2403-2480MHz
Channel List (Unit: MHz):	2403, 2424, 2441, 2461, 2414, 2435, 2450, 2470, 2409, 2429, 2455, 2475,
	2419, 2445, 2465, 2480
Hardware Version:	2968-B1 TX V1
Software Version:	34D106
Serial No.:	RDM711-PRO24122000001
Antenna Designation	PCB antenna with gain 2.34dBi Max (Get from the antenna specification)

1.4 Submitted Sample: 2 Samples

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- 1.5 Test Duration 2024-09-24 to 2024-09-25
- 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	2024-07-12	2025-07-11
LISN	R&S	EZH3-Z5	100294	2024-07-12	2025-07-11
LISN	R&S	EZH3-Z5	100253	2024-07-12	2025-07-11
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2024-07-12	2025-07-11
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2024-07-12	2025-07-11
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18	2025-07-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2022-07-18	2025-07-17
Power meter	Anritsu	ML2487A	6K00003613	2024-07-12	2025-07-11
Power sensor	Anritsu	MA2491A	32263	2024-07-12	2025-07-11
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2022-07-18	2025-07-17
9*6*6 Anechoic			N/A	2022-07-26	2025-07-25
EMI Test Receiver	RS	ESVB	826156/011	2024-07-12	2025-07-11
EMI Test Receiver	RS	ESCS 30	834115/006	2024-07-12	2025-07-11
Spectrum	HP/Agilent	E4407B	MY50441392	2024-07-12	2025-07-11
Spectrum	RS	FSP	1164.4391.38	2024-07-12	2025-07-11
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2024-07-12	2025-07-11
RF Cable	Zhengdi	7m		2024-07-12	2025-07-11
Pre-Amplifier	Schwarebeck	BBV9743	#218	2024-07-12	2025-07-11
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2024-07-12	2025-07-11
LISN	SCHAFFNER	NNB42	00012	2024-07-12	2025-07-11
ESPI Test Receiver	R&S	ESPI 3	100379	2024-07-12	2025-07-11
LISN	R&S	EZH3-Z5	100294	2024-07-12	2025-07-11

2.2 Automation Test Software

For Conducted Emission Test

Name	Version	
EZ-EMC	Ver.EMC-CON 3A1.1	

For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:				
Standard	Test Type	Result	Notes	
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies	
FCC Part 15, Paragraph 15.207	Conducted Emission Test	Pass	Complies	
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies	
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies	
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies	

3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249 , ANSI C63.4 :2014 and ANSI C63.10 :2013

4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

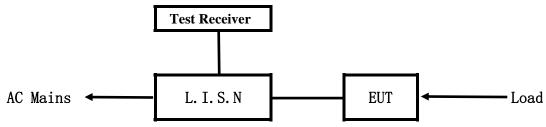
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

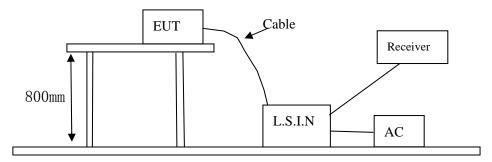


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2014. 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

Device	Manufacturer	Model	FCC ID
WIRED&WIRELESS	Eastern Times Technology	M711-PRO,	TUVDS-2968B
GAMING MOUSE	Co., Ltd	M711W-PRO, DS-2968	TUVDS-2908B

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B. Internal Device

2.	11100111a1 2 0 1 100			
	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	lBμV)
(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
$5.00 \sim 0.00$	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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QP

AVG

QP

AVG

-27.27

-24.55

-16.29

-14.67

Ρ

Ρ

Ρ

Ρ

A: Conducted Emission on Live Terminal (150kHz to 30MHz) **EUT Operating Environment** Humidity: 65%RH Atmospheric Pressure: 101 kPa Temperature: 26°C **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 15 CE-Class C AV 50 40 30 20 Δ. ۵VG 10 0 -10 -20 0.150 (MHz) 30.000 Frequency Reading Factor Limit Level Margin Detector P/F No. (MHz) (dBuV) (dB)(dBuV) (dBuV) (dB) 0.3800 29.76 39.52 58.28 -18.76 QP Ρ 1 9.76 Р 2 0.3800 21.79 9.76 31.55 48.28 -16.73AVG 3 0.5790 37.68 9.77 47.45 56.00 -8.55 QP Ρ 0.5790 Ρ 4 29.80 9.77 39.57 46.00 -6.43AVG

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

5

6

7

8

0.7584

0.7584

1.2810

1.2810

18.95

11.67

29.92

21.54

9.78

9.78

9.79

9.79

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28.73

21.45

39.71

31.33

56.00

46.00

56.00

46.00



AVG

-33.80

Ρ

Conducted Emission on Neutral Terminal (150kHz to 30MHz) **B**: **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 15 CE-Class C AV 50 40 30 peak 20 ٨h AVG 10 0 -10 -20 (MHz) 30.000 0.150 Frequency Reading Factor Level Limit Margin No. Detector P/F (MHz) (dBuV) (dB) (dBuV) (dBuV) (dB) 1 0.1655 27.44 9.77 37.21 65.18 -27.97 QP Ρ 2 Ρ 0.1655 13.86 9.77 23.63 55.18 -31.55 AVG 3 0.5829 32.18 9.77 41.95 56.00 -14.05 QP Ρ 0.5829 24.25 9.77 34.02 4 46.00 -11.98 AVG Ρ 5 1.2693 24.30 9.79 34.09 QP Ρ 56.00 -21.91 6 1.2693 16.32 9.79 Ρ 26.11 46.00 -19.89 AVG 12.4263 17.98 10.27 28.25 QP Ρ 7 60.00 -31.75

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5.93

10.27

16.20

50.00

12.4263

8

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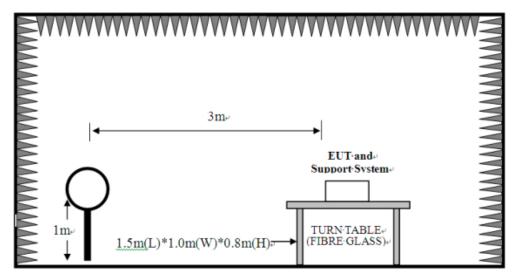


6 Radiated Emission Test

- 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=5MHz, 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

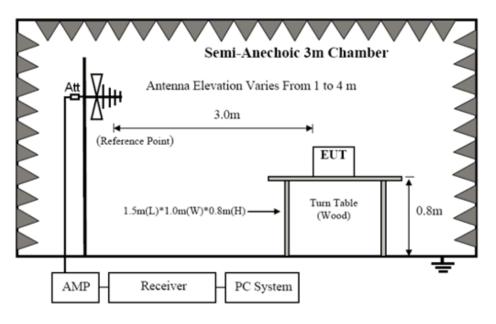


For radiated emissions from 30MHz to1GHz

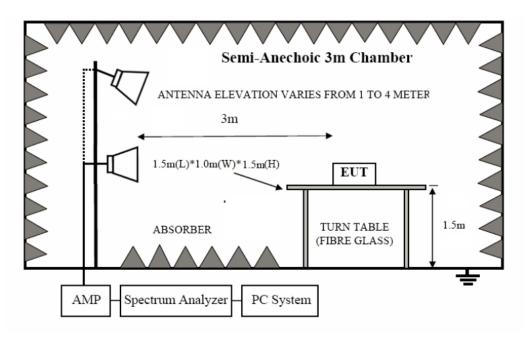
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For radiated emissions above 1GHz



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	onics (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 (15 15)			1		

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
21 -960	3	46.0
Above 960	3	54.0

Note:

te: 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 resultA Fundamental & Harmonics Radiated Emission Data

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

Horizontal

(MHz)

2403

1

(dBuV/m)

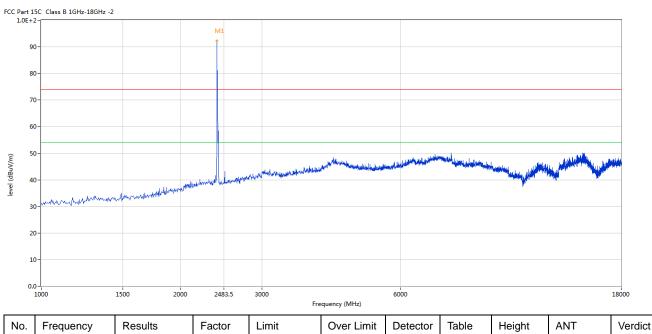
92.28

(dB)

-3.57

(dBuV/m)

114.0



(dB)

-21.72

(0)

360.00

Peak

(cm)

100

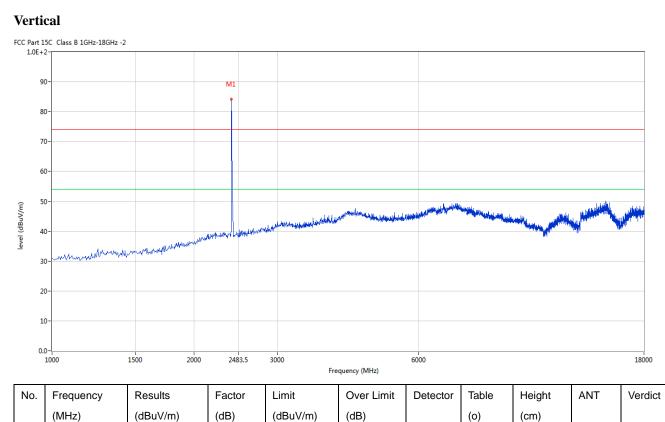
Horizontal

Pass

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-29.90

Peak

306.00

100

Vertical

Pass

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

84.10

1

2403

-3.57

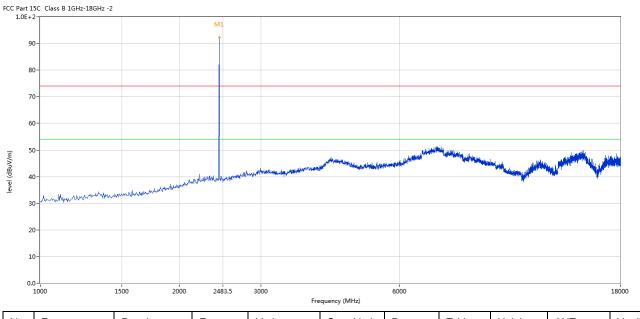
114.0

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

Horizontal

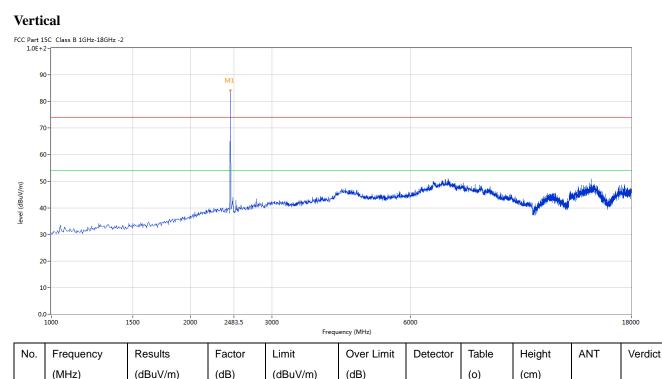


Ν	о.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1		2441	92.25	-3.57	114.0	-21.75	Peak	332.00	100	Horizontal	Pass

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360.00

100

Vertical

Pass

Peak

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

84.20

-3.57

114.0

-29.80

2441

1

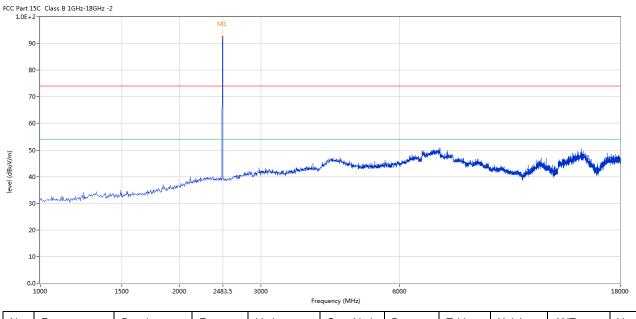
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal

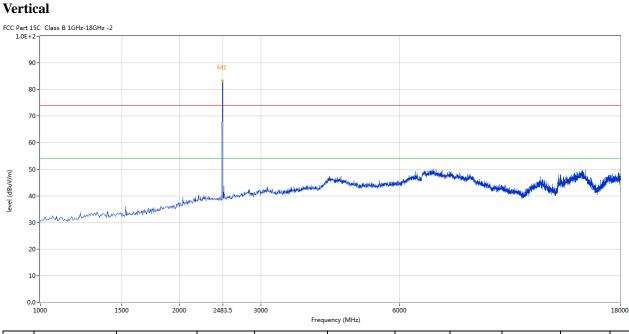


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	92.48	-3.57	114.0	-21.52	Peak	267.00	100	Horizontal	Pass

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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	83.23	-3.57	114.0	-30.77	Peak	318.00	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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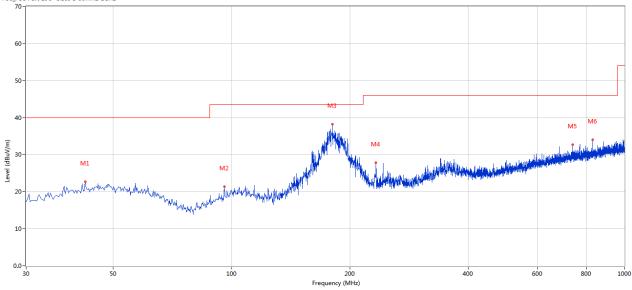
B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

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	42.364	22.64	-11.59	40.0	17.36	Peak	118.00	100	Horizontal	Pass
2	95.944	21.31	-14.16	43.5	22.19	Peak	330.00	100	Horizontal	Pass
3	180.555	38.26	-15.23	43.5	5.24	Peak	272.00	100	Horizontal	Pass
4	233.164	27.76	-12.53	46.0	18.24	Peak	246.00	100	Horizontal	Pass
5	738.893	32.72	-3.63	46.0	13.28	Peak	170.00	100	Horizontal	Pass
6	830.292	34.01	-2.76	46.0	11.99	Peak	248.00	100	Horizontal	Pass

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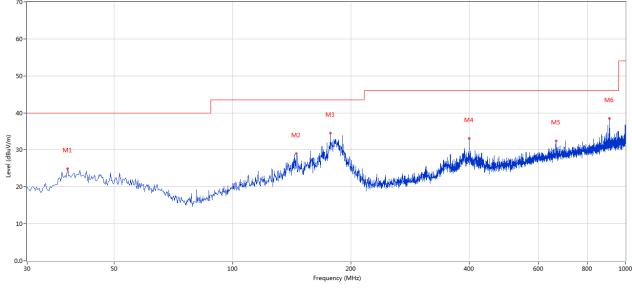
Radiated Emission In Vertical (30MHz----1000MHz)

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	38.001	24.88	-12.74	40.0	15.12	Peak	108.00	100	Vertical	Pass
2	145.159	28.99	-17.26	43.5	14.51	Peak	249.00	100	Vertical	Pass
3	177.403	34.60	-15.66	43.5	8.90	Peak	249.00	100	Vertical	Pass
4	399.963	33.05	-8.57	46.0	12.95	Peak	336.00	100	Vertical	Pass
5	665.191	32.39	-4.44	46.0	13.61	Peak	330.00	100	Vertical	Pass
6	909.813	38.49	-1.75	46.0	7.51	Peak	336.00	100	Vertical	Pass

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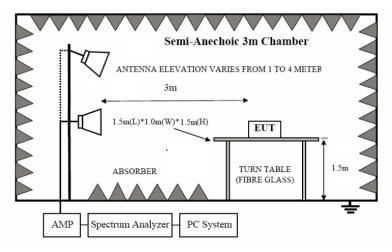


7. Band Edge

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:	WIRED	&WIRELE MOUS	ESS GAMIN SE	G	Polarity		I	Horizontal	
	Mode	Ke	eping Tran	ismitting	Т	est Voltag	e		DC3.7V	
Te	emperature		24 deg.	С,		Humidity			56% RH	
Te	est Result:		Pass							
C Part 1 1.0E+	15C Class B 1GHz-18GHz	-2								_
8	30									
3	50 - 	dystatelingereinen dyschikkelikelikjör	niedze kinedzielen z wingeletaniech		M3 Hannatary Angelska (Hangelska	ne Pitch with a fill of the Pitch	• •		1 A A A A A A A A A A A A A A A A A A A	hier -
5 4 3 2 1	50 - 10 - 20 - 20 -	dy destrolis was on en on definitation definitation of the second second second second second second second se	nichte kinned later zwergelennen			ne till to de state for de state de se	• •			2410
5 4 3 2 1	50 - 10 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	Results	Factor		ของระบาทระไม่มากระไม่มากระไม่มากระไม่ม	Detector	Table	Height	ANT	2410 Verdic
5 4 3 2 2 1	50 - 10 - 10 - 10 - 10 - 10 - 10 - 2370			Fr	equency (MHz)	Detector	Table (o)	Height (cm)	-1	
5 4 3 2 1	50 - 10 - 10 - 10 - 20 - 10 - 2370 Frequency	Results	Factor	Fr	equency (MHz)	Detector		-	-1	
5 4 3 2 1 0.	50	Results (dBuV/m)	Factor (dB)	Fr Limit (dBuV/m)	equency (MHz) Over Limit (dB)		(0)	(cm)	ANT	Verdio
3 2 1 0. No.	50 - 10 - 10 - 10 - 10 - 10 - 2370 Frequency (MHz) 2402.702	Results (dBuV/m) 92.08	Factor (dB) -3.57	Fr Limit (dBuV/m) 74.0	equency (MHz) Over Limit (dB) 18.08	Peak	(o) 47.00	(cm) 100	ANT Horizontal	Verdio N/A

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]	Product:	WIRED&	WIRELE MOUS	SS GAMING E	I	Detector		۷	/ertical	
	Mode	Kee	eping Tran	smitting	Te	st Voltage		D	C3.7V	
Te	mperature		24 deg.	C,	Н	Iumidity		5	6% RH	
Te	est Result:		Pass							
CC Part 1 1.0E+	15C Class B 1GHz-18GHz - -2-	-2								
9	90-							M1		
8	30 -									
7	70-								h	
6	50 -								<u> </u>	
									<u> </u>	
							44.42		1 1	
(m/\ng	50-						M12 •			
(m//wb) average of the second	10-	สรับแห่งกระเคราะสมให้ได้ส่วยเราะเลือกระเล	lined stations for all plants of income	ulius Malaa, sin lak geboor, apal assay di	M3 man hallettad bland and a data	negastrajelasinisterejedistasies			- Martin	And mainting the state
level (dBuV/m 7	10-	สรับประการสารสินให้สำคัญสายเสราสารสาร	land, si china tangi planta di manda	aðar Heimun að historium ski	M3 nyadahiyini uniankin daliri	raenad nyeluu san qir listaniye	• • • • • • • • • • • • • • • • • • •		And the second second	and a second second
level (dBuV/m 3	10-	ซันกร่างเราไฟฟ์ชี่มีมีสุดรางสะเล็กและ	lind, statissing given af music	فخريده تجرم وسلحو يتأمل والمعرور ويتريعون والم	M3 nya datatat kuna antari datat	nersek-yelesensek-törkenbe	• •		And the second	de bry lide of a
level (dBur/m 3 2	10 - <mark></mark>	สนาครูเลาสิตส์เสียงให้สูงการและเค	illerek anter son stimmensk	ىيەتىيە بەرەپىيە بەر	M3	nessen eine sen eine sen eine sen			A MANANA A	de try liddy stady
level (dBur/m 3 2	10	ationises take the billing of the section of the se	lind, stationing gam dja	પ્રોંચ કરવા છે. કે અનેવે છે કે અને અનુ કરવા છે. કે અને અને કરવા છે કે અને અને અને અને અને અને અને અને અને અન	M3 hystologiationariantication	reesetsydaarseadtade	42 •		A. M.	And the second
u//nngp 4 3 3 1	10 - <mark></mark>	ขับเหมู่เราะ ¹ างขังได้มีปลุ่มประสะเล็กและ 8	iller for star for the star for	ىنە بەدە ئەيرە مىلەل ياغىرى يەن مەن يەن يەن يەن يەن يەن يەن يەن يەن يەن ي	nya hangini kuri unia ka kubiti	neret sydaartea yk die kaak				2410
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u//nngp 4 3 3 1	10- 10- 10- 10- 10- 2370 Frequency	Results	Factor	Limit	equency (MHz)	Detector	Table	Height	ANT	2410
4 عنوان (۱۹۹۳) 2 عنوان (۱۹۹۳) 1 مربع 1 مربع 1 مربع	10- 10- 10- 10- 10- 10- 10- 10-	Results (dBuV/m)	(dB)	Limit (dBuV/m)	equency (MHz) Over Limit (dB)		(o)	(cm)	ANT	2410 Verdic
لله الم الم الم الم الم الم الم الم	10- 10- 10- 10- 2370 Frequency (MHz) 2402.702	Results (dBuV/m) 83.36	(dB) -3.57	Limit (dBuV/m) 74.0	equency (MHz) Over Limit (dB) 9.36	Peak	(o) 93.00	(cm) 100	ANT	2410 Verdic
۵٬۹۹۳ میل ۵٬۹۹۳ میل ۱۱ ۱۰ ۱۰ ۱۰ ۱۰ ۱۰ ۱۰ ۱۰ ۱۰ ۱۰	10- 10- 10- 10- 10- 10- 10- 10-	Results (dBuV/m) 83.36 61.56	(dB) -3.57 -3.57	Limit (dBuV/m) 74.0 74.0	equency (MHz) Over Limit (dB) 9.36 -12.44	Peak Peak	(o) 93.00 265.44	(cm) 100 100	ANT Vertical Vertical	2410 Verdic N/A Pass
لله الم الم الم الم الم الم الم الم	10- 10- 10- 10- 2370 Frequency (MHz) 2402.702	Results (dBuV/m) 83.36	(dB) -3.57	Limit (dBuV/m) 74.0	equency (MHz) Over Limit (dB) 9.36	Peak	(o) 93.00	(cm) 100	ANT	2410 Verdic

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]	Product:	WIRE	D&WIREI MOU	LESS GAMI USE	NG	Pola	rity		Horizonta	ıl
	Mode	k	Keeping Tr	ansmitting		Test Ve	oltage		DC3.7V	
Te	emperature		24 de			Hum	idity		56% RH	
Te	est Result:		Pa	SS						
C Part 1 1.0E+	15C Class B 1GHz-18GHz	-2			I					
8	10		MI	and the second sec						
level (dbuV/m 5	50 - 			M2 •	"This has been and and and	na setien shipina terori	sorietano ostina estilista	s daa seeyad ka dahaa	alean maha masin an marangka filade	e and have a balance
evei (dpn/) اوموا 1 0	10 - uta ///////////////////////////////////			M2 • 2483.		na setia ang kalaka perusi	n na stan an stan stan stan stan stan st	s dan perjada ka da k	olenoválessenti a teknovál válové a teknovál válové	2500
W/Annal 3 3 1 0	10			2483.5	Frequency (MHz)				T	2500
4 (dpn/) اهموا (dpn/) 1 0	10	Results	Factor	2483.: Limit	Frequency (MHz) Over Limit	Detector	Table	Height	ANT	2500
4 2 1 0 No.	10	Results (dBuV/m)	(dB)	2483.5 Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	2500 Verdic
س(مرار المراجع)	10	Results (dBuV/m) 91.90	(dB) -3.57	2483.5 Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 17.90	Detector Peak	Table (o) 50.00	Height (cm) 100	ANT Horizontal	2500 Verdic
4 2 1 0 No.	10	Results (dBuV/m)	(dB)	2483.5 Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	2500 Verdic

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Product:		WIRED	&WIRELE MOUS	ESS GAMING E		Detector			Vertical		
	Mode	Ke	eping Tran	smitting	Tes	Test Voltage		DC3.7V			
Te	emperature		24 deg.	C,	Н	lumidity	56% RH				
Τe	est Result:		Pass								
C Part 1 1.0E+	15C Class B 1GHz-18GHz	z -2			I						
8	30 - 30 - 70 -		MI	MMMM							
5 4 3	50 - 10 - 10 - 10 - 20 - 10 -	hens and stilling and the		"IN M2	U	veskierne seiterite	Lancenter also also Alfred	is, malerablere qu	terbilisse ar neath an Adaram, rig	li yalaya dayana be	
5 4 3 2 1	10- 			2483.5		veollarinni antaorsaa	lannan seo	อังโรงสารอังครั้งในขัดสาร ค.ศ.	terkiljoneseratelikan Aktosenolog	2500	
5 4 3 2 1 0.	10	Posulto	Eactor	Free	quency (MHz)					2500	
5 4 3 2 1	10 - - - - - - - - - -	Results (dBuV/m)	Factor (dB)			Detector	Table (o)	Height (cm)	ANT	2500	
5 4 3 2 1 0.	10			Free Limit	juency (MHz) Over Limit		Table	Height			

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 2.34dBi Max. It fulfills the requirement of this section. Test Result: Pass

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

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Product:	WIRED&WIREI MOU		Test Mode:	Keep transmitting		
Mode	Keeping Tra	ansmitting	Test Voltage	DC3.7V		
Temperature	24 de	g. C,	Humidity	56% RH		
Test Result:	Pas	SS	Detector	РК		
20dB Bandwidth	2.2901	MHz				
Ref 10 di	Sm * Att	* VBW	300 kHz 2.5 ms	er 1 [T1] -7.63 dBm 2.402420000 GHz [T1] 20.00 dB		
-0			ndB BW Temp	2.290000000 MHz 1 [T1 ndB] -27.54 dBm 2.401820000 GHz		
20				-27.68 dBm 2.404110000 GHz		
30						
				3DB		
60						
70						
-90						
Center 2.	Center 2.403 GHz 500 kHz			Span 5 MHz		

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Pr	roduct:	WIRED&WIRELESS GAMING MOUSE					Test	Test Mode:		Keep transmitting	
I	Mode		Keeping Transmitting					Test Voltage		DC3.7V	
Tem	perature			24 deg	. C,		Hui	Humidity		56% RH	
Test Result:			Pass				De	Detector		РК	
20dB Bandwidth2.300MHz											
8	MARKER 1 2.44042 Ref 10 d	GHz		*Att 2	0 dB	* RBW 1 * VBW 3 SWT 2	00 kHz		.440420	.42 dBm	1
L PK MAXH	-10							BW 2 Temp 1 2	.300000 [T1 nd -27 .439810	000 MHz 8] .25 dBm 000 GHz	A
	-20		Ţ		h		- Marine Ma Marine Marine Mari	Temp 2 2 T2		.46 dBm	
	-30	\sim									
	-50										3DB
	60										
	-90										
	Center 2.	441 G	Hz		500	kHz/			Spa	an 5 MHz	-
Date	: 24.SEP	.2024	17:28	3:15							

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		S GAMING MOUSE	Test Mode:	Keep transmitting		
Mode	Keeping T	ransmitting	Test Voltage	DC3.7V		
Temperature	24 de	eg. C,	Humidity	56% RH		
Test Result:	Pa	188	Detector	РК		
20dB Bandwidth	2.300)MHz				
Ref 10 d Ref 10 d 10 -10 -20 -30 -40 -40 -50 -60 -60 -70 -80 -90 Center 2.	Bm *Att	<pre>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>></pre>	0 kHz 5 ms 2 ndB [T BW 2 Temp 1 2 Temp 2	1 [T1] -7.11 dBm .479410000 GHz 1] 20.00 dB .30000000 MHz [T1 ndB] -27.13 dBm .478810000 GHz		

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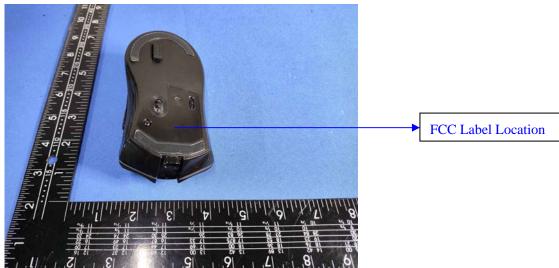
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10.0 FCC ID Label

FCC ID: TUVDS-2968B

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

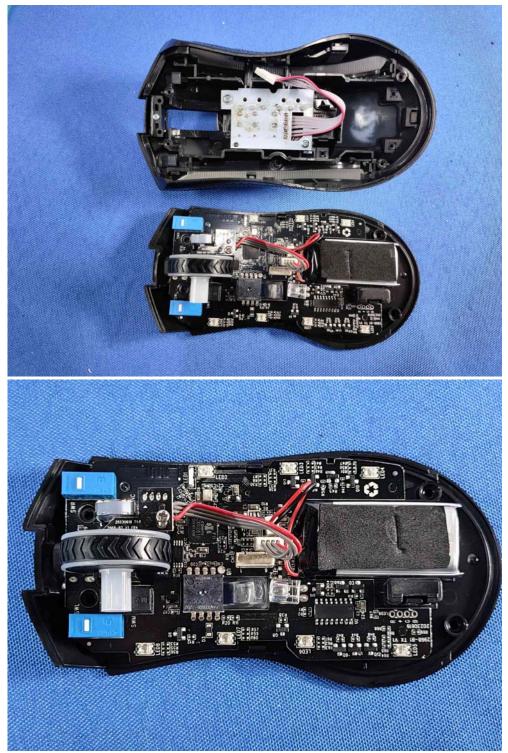


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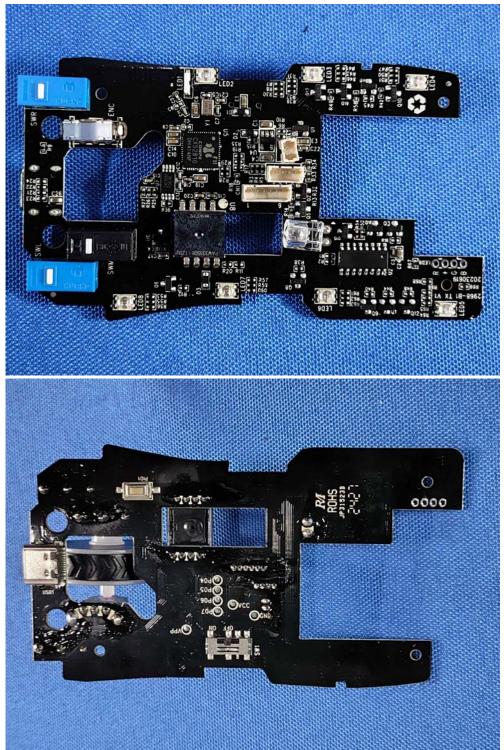
Inside View-Mouse



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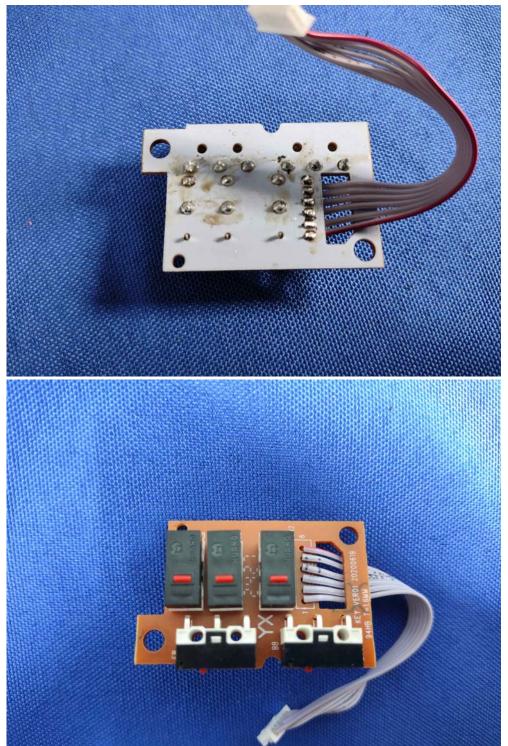
Inside View-Mouse



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Inside View-Mouse

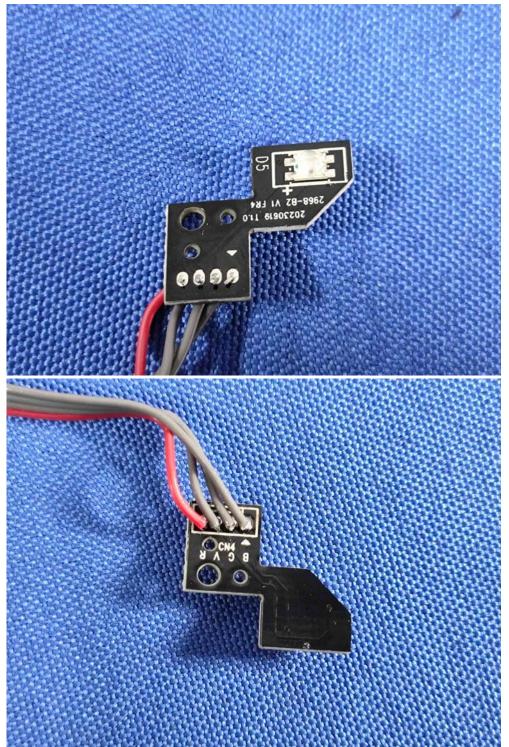


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Inside View-Mouse



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Inside View-Mouse



--End of the Report--

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