

Report No.: TW2412074E

Applicant: Eastern Times Technology Co., Ltd

Product: 2.4G WIRELESS MOUSE

Model No.: BM-2509, BS-8772, DS-2509, DS-2859

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

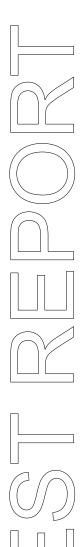
Dated: December 19, 2024

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

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Test Report Conclusion

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.

Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le

Village, Nanshan District, Shenzhen, China

Telephone: (755) 83448688 Fax: (755) 83442996

Site on File with the Federal Communications Commission – United Sates

Registration Number: 744189 For 3m Anechoic Chamber

1.2 Applicant Details

Applicant: Eastern Times Technology Co., Ltd

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

Guangdong, China.

1.3 Description of EUT

Product: 2.4G WIRELESS 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: BM-2509

Additional Model Name BS-8772, DS-2509, DS-2859

Rating: DC1.5V, 6.5mA
Battery 1pc 1.5V AA battery

Modulation Type: GFSK

Operation Frequency: 2408-2474MHz

Channel Number: 34
Channel Separation: 2MHz
Hardware Version: 2509-G1 V1

Software Version: C20E

Serial No.: BM-2509241100002

Antenna Designation PCB antenna with gain 0.11dBi Max (Get from the antenna specification)

1.4 Submitted Sample: 2 Samples

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1.5 Test Duration

2024-12-06 to 2024-12-19

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: 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 EU	Γ has been	tested a	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	N/A	N/A
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

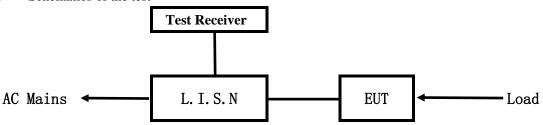
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5. Power Line Conducted Emission Test

5.1 Schematics of the test



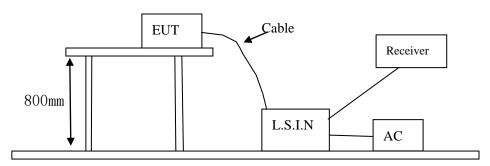
EUT: Equipment Under Test

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: N/A

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.

34 channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
2 AC WIDEL ESS MOLISE	Eastern Times Technology	BM-2509, BS-8772,	TUVDS-2509G
2.4G WIRELESS MOUSE	Co., Ltd	DS-2509, DS-2859	10 103-23090

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B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

C. Peripherals

Device	Manufacturer	Model	Rating
N/A			

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2014

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Frequency	Limits (dB µ V)		
(MHz)	Quasi-peak Level	Average Level	
$0.15 \sim 0.50$	66.0~56.0*	56.0~46.0*	
$0.50 \sim 5.00$	56.0	46.0	
5.00 ~ 30.00	60.0	50.0	

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

5.6 Test Results:

N/A

Note: EUT powered by AA battery, this test item not applicable.

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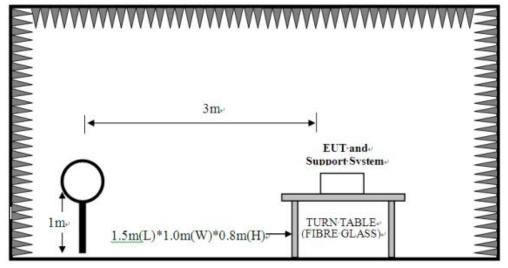


6 Radiated Emission Test

- 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=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

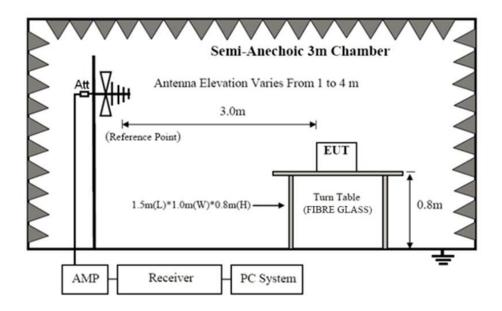


For radiated emissions from 30MHz to1GHz

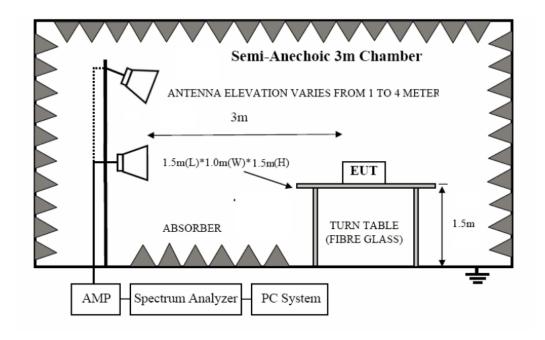
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For radiated emissions above 1GHz



- 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	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 $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
- 3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

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:

- 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. New Battery was used during tests.

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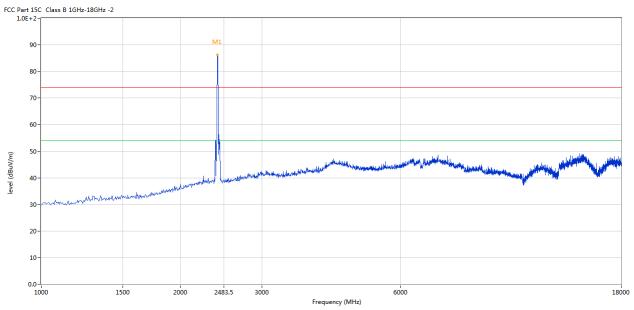


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2408MHz

Horizontal



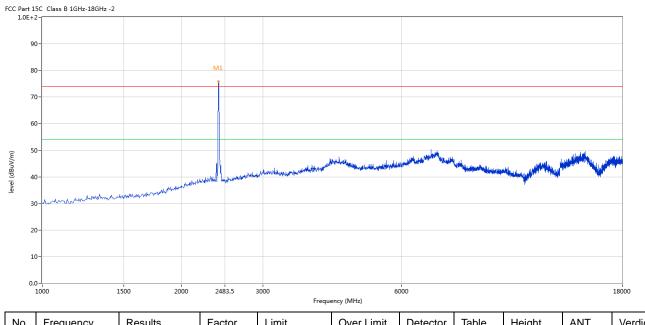
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2408	86.29	-3.57	114.0	-27.71	Peak	138.00	100	Horizontal	Pass

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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)		
Ī	1	2408	75.95	-3.57	114.0	-38.05	Peak	74.00	100	Vertical	Pass

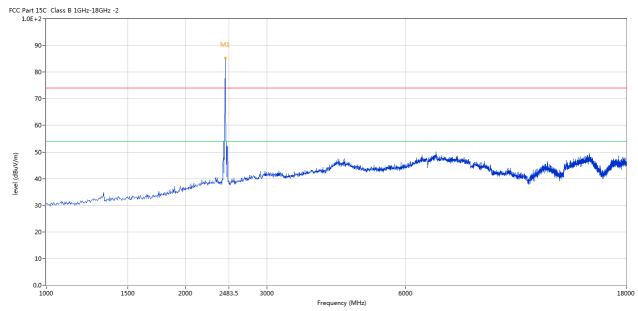
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal



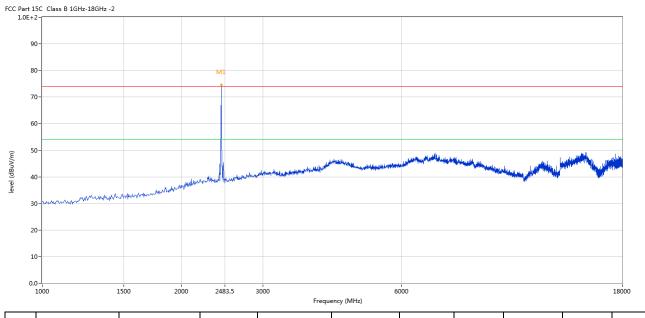
Ī	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
	1	2440	85.40	-3.57	114.0	-28.60	Peak	117.00	100	Horizontal	Pass

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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	2440	74.55	-3.57	114.0	-39.45	Peak	89.00	100	Vertical	Pass

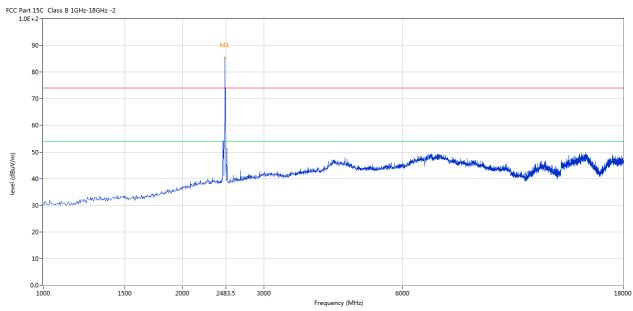
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Please refer to the following test plots for details: High Channel-2474MHz

Horizontal



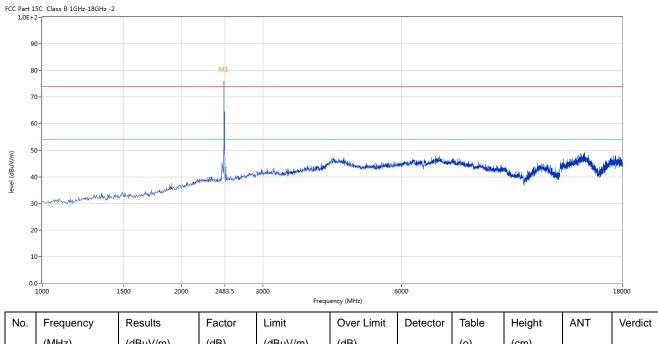
Ī	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
Ī	1	2474	85.28	-3.57	114.0	-28.72	Peak	137.00	100	Horizontal	Pass

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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	2474	75.54	-3.57	114.0	-38.46	Peak	112.00	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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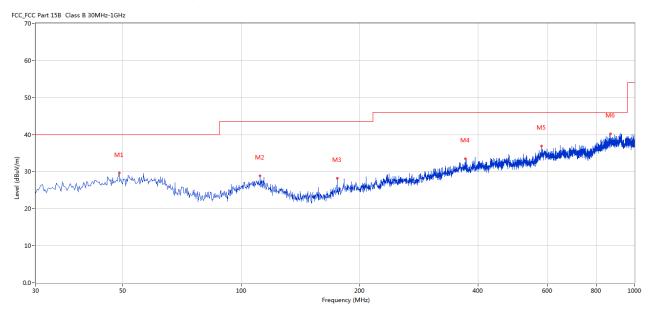


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

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	48.910	29.60	-5.26	40.0	10.40	Peak	207.00	100	Horizontal	Pass
2	111.702	28.87	-6.08	43.5	14.63	Peak	181.00	100	Horizontal	Pass
3	175.221	28.21	-8.19	43.5	15.29	Peak	271.00	100	Horizontal	Pass
4	371.112	33.45	-1.77	46.0	12.55	Peak	257.00	100	Horizontal	Pass
5	580.580	36.97	1.65	46.0	9.03	Peak	147.00	100	Horizontal	Pass
6	870.295	40.25	5.12	46.0	5.75	Peak	266.00	100	Horizontal	Pass

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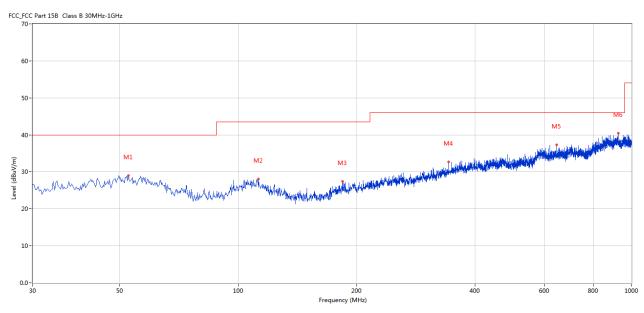


Radiated Emission In Vertical (30MHz----1000MHz)

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	52.547	29.05	-4.94	40.0	10.95	Peak	360.00	100	Vertical	Pass
2	112.672	28.04	-6.27	43.5	15.46	Peak	274.00	100	Vertical	Pass
3	184.191	27.44	-7.27	43.5	16.06	Peak	264.00	100	Vertical	Pass
4	342.989	32.67	-2.97	46.0	13.33	Peak	75.00	100	Vertical	Pass
5	645.554	37.33	1.59	46.0	8.67	Peak	117.00	100	Vertical	Pass
6	924.601	40.48	5.30	46.0	5.52	Peak	140.00	100	Vertical	Pass

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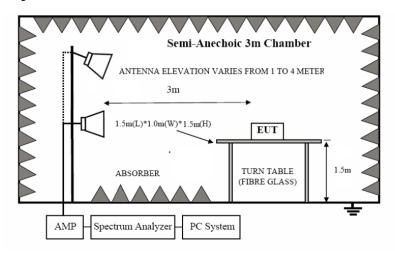


7. Band Edge

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.

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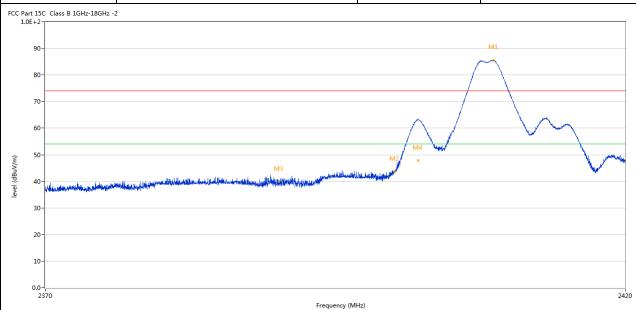
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7.6 Test Result

Product:	2.4G WIRELESS MOUSE	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC1.5V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



No	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2408.553	85.59	-3.57	74.0	11.59	Peak	134.00	100	Horizontal	N/A
2	2400.000	43.66	-3.57	74.0	-30.34	Peak	129.00	100	Horizontal	Pass
3	2390.000	39.85	-3.53	74.0	-34.15	Peak	213.58	100	Horizontal	Pass
4	2402.017	63.38	-3.57	74.0	-10.62	Peak	123.00	100	Horizontal	Pass
4**	2402.017	48.61	-3.57	54.0	-5.39	AV	123.00	100	Horizontal	Pass

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2390.000

35.80

-3.53

74.0

-38.20

Peak

254.75

100

Vertical

Pass



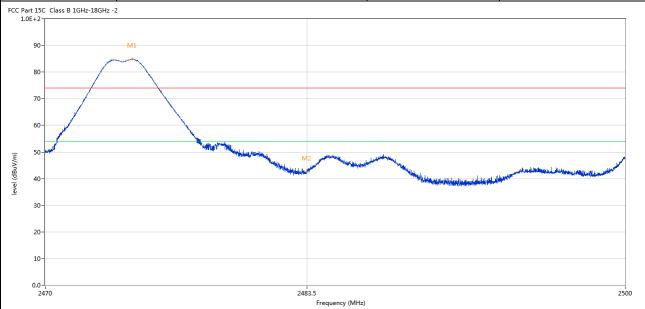
I	Product:	2.4G	WIRELES	S MOUSE	I	Detector		V	ertical	
	Mode	Ke	eping Tran	smitting	Te	st Voltage		D	C1.5V	
Te	mperature		24 deg.	C,	H	Iumidity		50	5% RH	
Te	st Result:		Pass							
	5C Class B 1GHz-18GHz	z -2								
1.0E+	2-									
9	0-									
8	0-						M:	L		
_										
7	J-									
6	0-					-				
5	0-					$ \wedge$				
					M3 / M2		W			
4		-	يستاسي المستامة المست	M4	Harte Market and and a special	* الملليبيل				فالمضافظ فينطويها
3	0-									
2	n-									
_										
1	0-									
0.										
	2370				Frequency (MHz)					-
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verd
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
	2407.528	75.11	-3.57	74.0	1.11	Peak	76.00	100	Vertical	N/A
2	2402.104	53.57	-3.57	74.0	-20.43	Peak	76.00	100	Vertical	Pass
2**	2402.104	39.11	-3.57	54.0	-14.89	AV	76.00	100	Vertical	Pass
3	2400.000	39.76	-3.57	74.0	-34.24	Peak	69.33	100	Vertical	Pass

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Product:	2.4G WIRELESS MOUSE	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC1.5V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		1



No.	Frequency	Results	Factor	Limit	Over	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)		(o)	(cm)		
1	2474.484	84.87	-3.57	74.0	10.87	Peak	142.00	100	Horizontal	N/A
2	2483.500	42.60	-3.57	74.0	-31.40	Peak	122.00	100	Horizontal	Pass

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	Product: 2.4G WIRELES			2.4G WIRELESS MOUSE		Detector		Vertical		
	Mode	Ke	nsmitting	Tes	Test Voltage DC1.5V					
Te	emperature		С,	Н	Humidity		56% RH			
Te	est Result:	Pass								
CC Part :	15C Class B 1GHz-18GHz -	2			•		•			
ç	90-									
8	30-	M1								
7	70-									
	50-									
6										
6		$\overline{}$								
_	50-		Mann coathan							
_	50- 10-		Name and Property	M2	and the second second	Maria Ma	راند بار مارداد المارد	och Marcalla (social describitions senso	والمعالمة	المتعاملة المتعارضة
level (dBuV/m)	Harman Barrer Ba		Marie Carlo	M2	and in the second seconds	Maria de la compania	ndjega placelj je ini je je aprojen	ndd Maganadad yn ddiau ddiwydd 1984.	illang Jananinganisalista	المهمومية أن
level (dBuV/m)	10 -		The same of the sa	M2	and the second seconds	Makandar America de Servicio de	سايند عن الدين المراجع	alajilaju alialija kisa ililikusus eran	ياللام والمالية والم	ad the special shape in the state of the sta
level (dBuV/m)	10-		The second se	M2	and the state of t	Maria de la compansión de	ndirea ya di ili biri ya a di ili biri y	的情况如此相似,他就是他的	المالية والمالية وال	al december of
level (dBuV/m)	10 -		Andrew Control of the State of	M2	and design of the second seconds.	المعتملة الم	न्त्रोतसङ्ग्रह्मकारे हो क्षेत्र स्थापन क्षेत्र क्षेत्र क्षेत्र क्षेत्र क्षेत्र क्षेत्र क्षेत्र क्षेत्र क्षेत्र	alishe addisələri	المعادية والمعادلة و	ad Bargaran de la companya de la co
(m/\ngp) level	20-		Andrew Control of the State of		and the state of t	the day of the second of the second	न्त्रीकृतक के को है किया है किया है कि की कि	alis die public de de la company	فالمنافعة المعاملة ا	
(m/\ngp) level	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -		Andrew Control of the State of	2483.5	requency (MHz)	Makasakan Akanan Ak	न्त्रीत्मकृष्ट् मेंद्र को श्रीक्षण व्यवस्था के स्व	eliske sildi pita ildi parte	المعرضة	2500
(m/\ngp) level	20-	Results	Factor	2483.5	- Company	Detector	Table	Height	ANT	
(w//ngp) avai	20	Results (dBuV/m)		2483.5 F	requency (MHz)	The state of the s				2500
(w//ngp) avai	20- 		Factor	2483.5 F Limit	requency (MHz) Over Limit	The state of the s	Table	Height		2500

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 0.11dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Span 5 MHz

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9.0 20dB Bandwid	th Measurement								
Product:	2.4G V	2.4G WIRELESS MOUSE				Iode:	Keep transmitting		
Mode	Kee	Keeping Transmitting				oltage	DC1.5V		V
Temperature		24 deg. C,				dity	56% RH		Н
Test Result:		Pass				ctor	PK		
20dB Bandwidth		2.280MHz							
Ref 10 d	Bm	*Att 2) dB		00 kHz 00 kHz 5 ms		1 [T1] -4	.15 dBm	
10 -0					<u> </u>	Temp 1	.280000 [T1 nd]	8] .47 dBm	A
				\searrow		2 Temp 2		8] .97 dBm	
30									
-40	$\sqrt{ }$							<u>J</u>	
50							Cat	Y	3DB
60									

Date: 17.DEC.2024 14:35:59

Center 2.408 GHz

500 kHz/

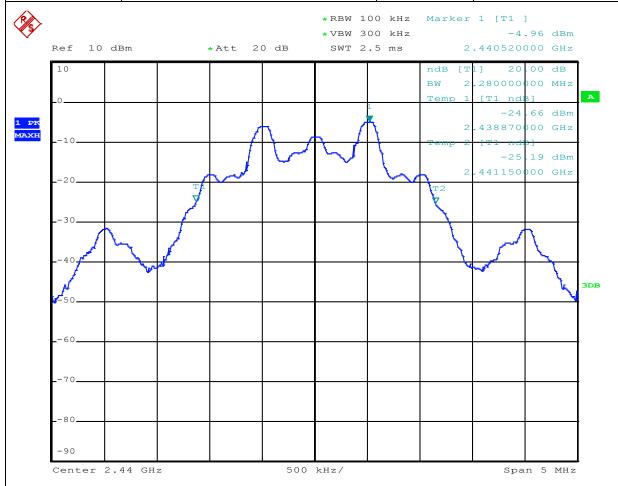
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Product:	2.4G WIRELESS MOUSE	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC1.5V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	2.280MHz		



Date: 17.DEC.2024 14:59:24

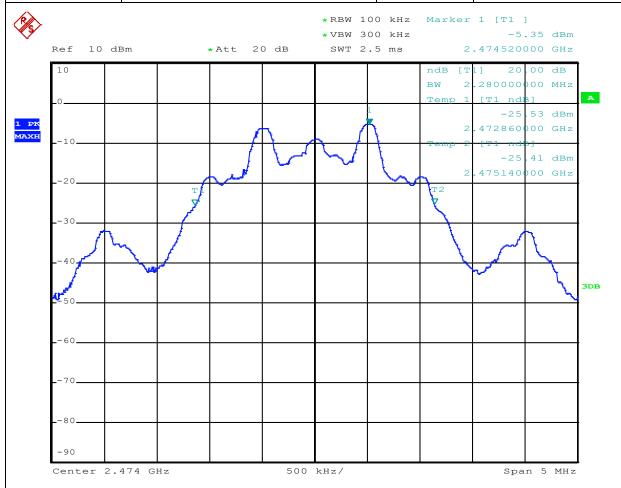
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Product:	2.4G WIRELESS MOUSE	Test Mode:	Keep transmitting
Mode	Keeping Transmitting	Test Voltage	DC1.5V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK
20dB Bandwidth	2.280MHz		



Date: 17.DEC.2024 15:22:48

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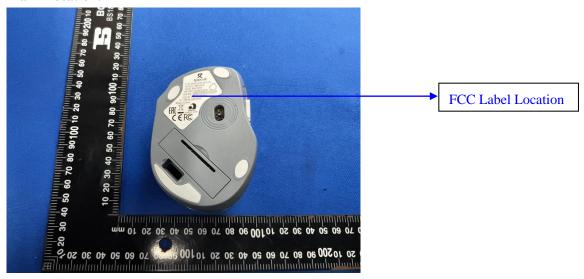


10.0 FCC ID Label

FCC ID: TUVDS-2509G

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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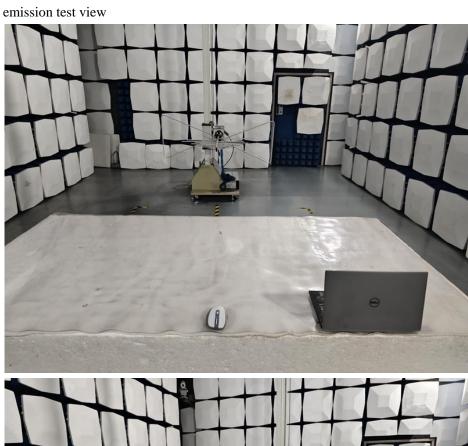


11.0 Photo of testing

11.1 Conducted test View--

N/A

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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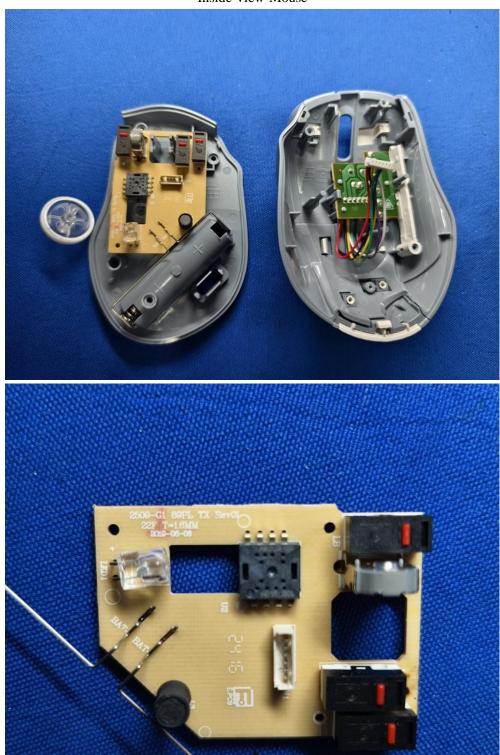
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Inside View-Mouse



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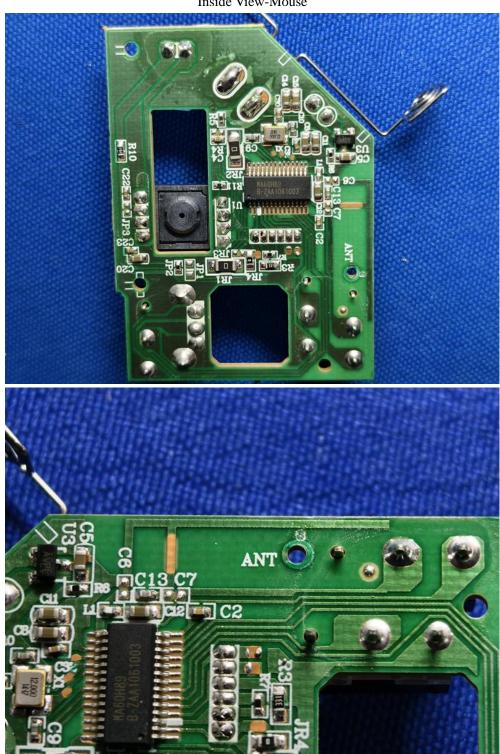
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Inside View-Mouse



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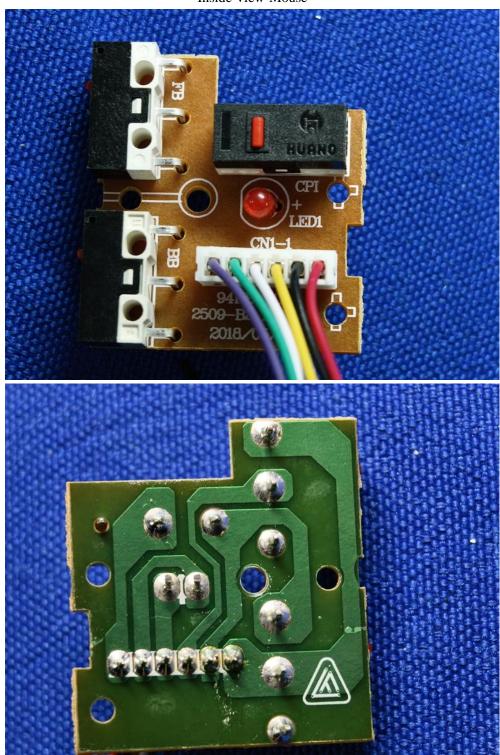
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Inside View-Mouse



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