

Report No.: TW2211048E

Applicant: Eastern Times Technology Co.,Ltd

Product: 2.4GHz Wireless Mouse

Model No.: E-1191, DS-2953

Trademark: E-YOOSO

Test Standards: FCC Part 15.249

Test result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.10 & FCC Part 15 Subpart C,

Paragraph 15.249 regulations for the evaluation of

electromagnetic compatibility

Approved By

Terry Tong

Terry Tang

Manager

Dated: November 18, 2022

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:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

Industry Canada (IC) — Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

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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

Telephone: --Fax: --

1.3 Description of EUT

Product: 2.4GHz Wireless Mouse

Manufacturer: Eastern Times Technology Co.,Ltd

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

Town, Dongguan City, Guangdong, China

Trademark: E-YOOSO

Model Number: E-1191

Additional Model Name DS-2953

Rating: DC1.5V (1 pc AA battery)

Modulation Type: GFSK

Operation Frequency: 2403-2480MHz

Channel Number: 16

Channel List (Unit: MHz): 2403, 2426, 2441, 2463, 2407, 2422, 2445, 2466, 2414, 2436, 2459, 2473,

2419, 2439, 2453, 2480

Hardware Version: 2953-A1 V1 Software Version: DF2BDA

Serial No.: 2953B220900001

Antenna Designation PCB antenna with gain -1.66dBi Max (Get from the antenna specification)

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1.4 Submitted Sample: 2 Samples

1.5 Test Duration

2022-11-04 to 2022-11-18

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	2022-07-15	2023-07-14
LISN	R&S	EZH3-Z5	100294	2022-07-18	2023-07-17
LISN	R&S	EZH3-Z5	100253	2022-07-18	2023-07-17
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2022-07-18	2023-07-17
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2022-07-15	2023-07-14
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	2022-07-18	2023-07-17
Power sensor	Anritsu	MA2491A	32263	2022-07-18	2023-07-17
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	2022-07-15	2023-07-14
EMI Test Receiver	RS	ESCS 30	834115/006	2022-07-15	2023-07-14
Spectrum	HP/Agilent	E4407B	MY50441392	2022-07-15	2023-07-14
Spectrum	RS	FSP	1164.4391.38	2022-07-15	2023-07-14
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA	1	2022-07-15	2023-07-14
RF Cable	Zhengdi	7m		2022-07-15	2023-07-14
Pre-Amplifier	Schwarebeck	BBV9743	#218	2022-07-15	2023-07-14
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2022-07-15	2023-07-14
LISN	SCHAFFNER	NNB42	00012	2022-08-18	2023-07-17

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

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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	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 and RSS-210	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

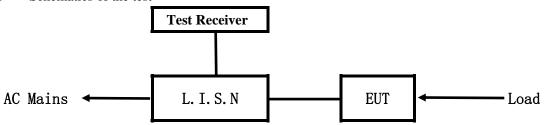
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

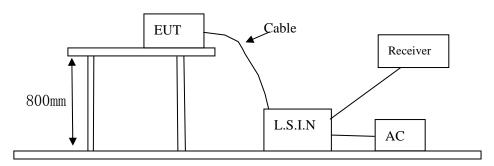


EUT: Equipment Under Test

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.

16 channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
2.4GHz Wireless	Eastern Times	E-1191, DS-2953	TUVDS-2953A
Mouse	Technology Co.,Ltd	E-1191, DS-2933	10 VD3-2933A

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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 C63.10-2013

- 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*		
$0.50 \sim 5.0$	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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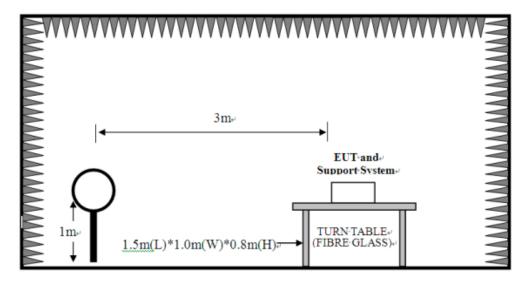


6 Radiated Emission Test

- 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=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

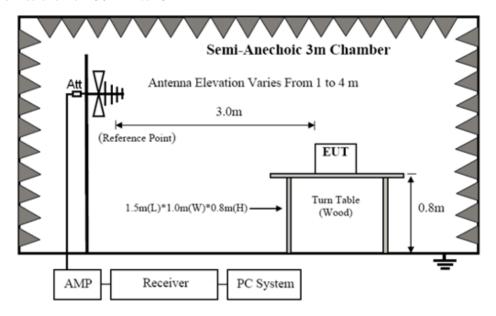


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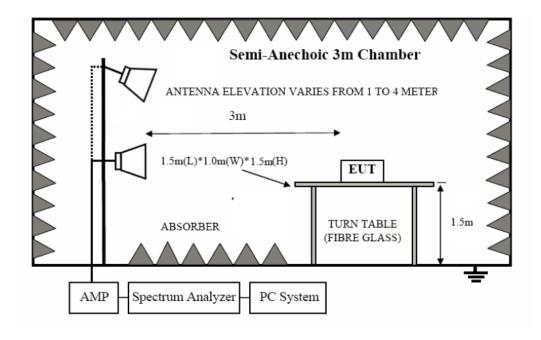
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For radiated emissions from 30MHz to1GHz



For radiated emissions above 1GHz



6.2 Configuration of The EUT Same as section 5.3 of this report

6.3 EUT Operating Condition

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Same as section 5.4 of this report.

6.4 Radiated Emission Limit

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

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

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

Note:

- 1. RF Voltage $(dBuV) = 20 \log RF Voltage (uV)$
- 2. In the Above Table, the tighter limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
- 4. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.
- 5. 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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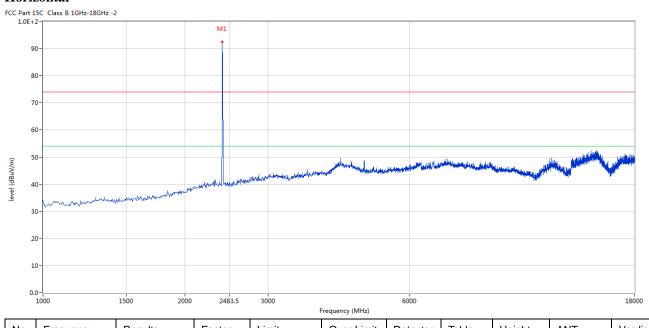


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



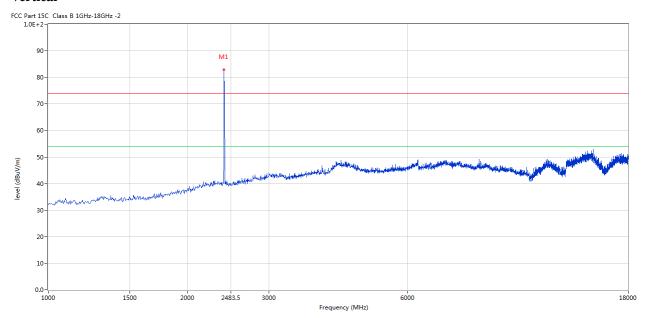
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2403	92.79	-3.57	114.0	-21.21	Peak	152.00	100	Horizontal	Pass

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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	2403	82.84	-3.57	114.0	-31.16	Peak	108.00	100	Vertical	Pass

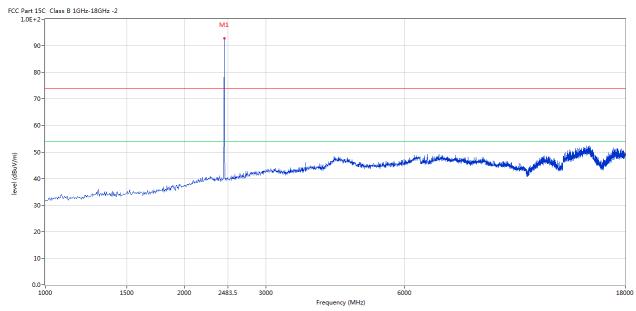
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Please refer to the following test plots for details: Middle Channel-2441MHz

Horizontal



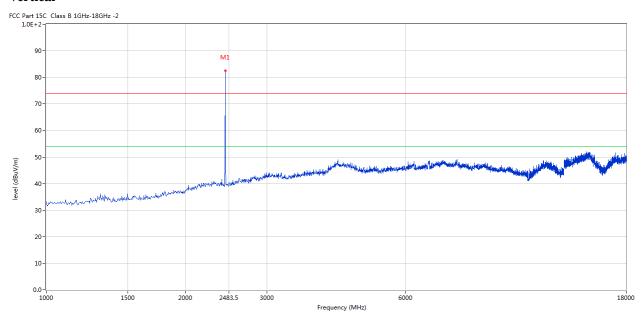
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2441	92.92	-3.57	114.0	-21.08	Peak	0.00	100	Horizontal	Pass

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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	82.54	-3.57	114.0	-31.46	Peak	54.00	100	Vertical	Pass

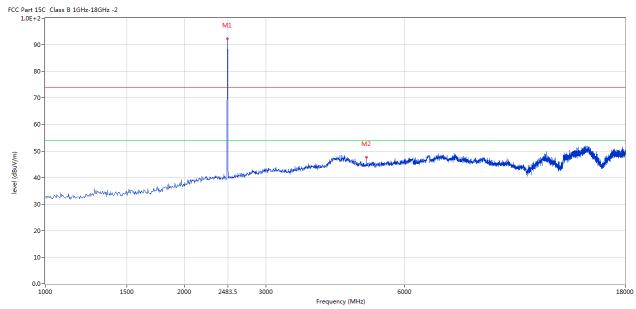
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Please refer to the following test plots for details: High Channel-2480MHz

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	92.33	-3.57	114.0	-21.67	Peak	112.00	100	Horizontal	Pass
2	4960.010	47.65	3.36	74.0	-26.35	Peak	6.00	100	Horizontal	Pass

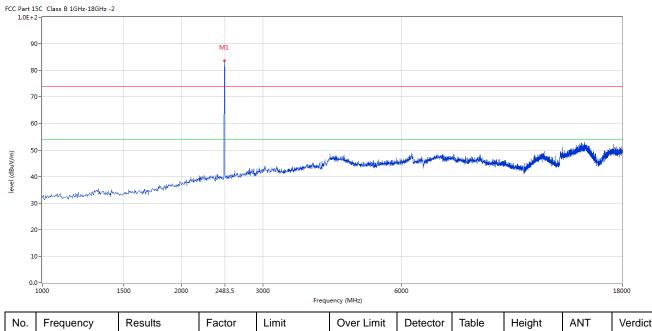
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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	83.69	-3.57	114.0	-30.31	Peak	331.00	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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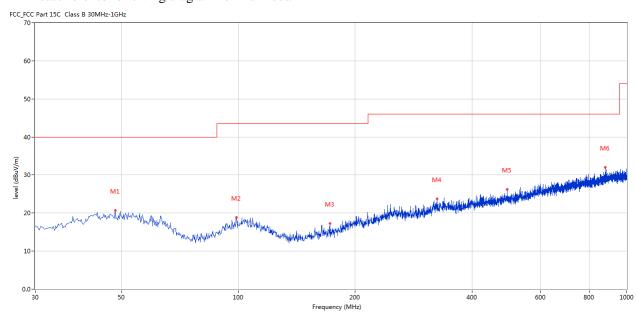


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	48.183	20.76	-11.26	40.0	-19.24	Peak	298.00	100	Horizontal	Pass
2	98.853	18.86	-13.68	43.5	-24.64	Peak	114.00	100	Horizontal	Pass
3	172.069	17.33	-15.92	43.5	-26.17	Peak	257.00	100	Horizontal	Pass
4	324.806	23.78	-10.42	46.0	-22.22	Peak	75.00	100	Horizontal	Pass
5	492.574	26.25	-7.22	46.0	-19.75	Peak	242.00	100	Horizontal	Pass
6	879.750	32.10	-1.96	46.0	-13.90	Peak	23.00	100	Horizontal	Pass

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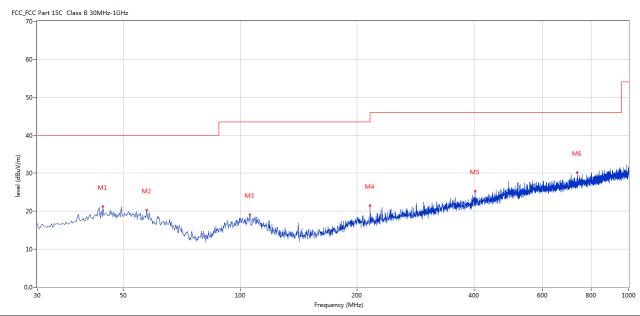


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	44.304	21.17	-11.46	40.0	-18.83	Peak	7.00	100	Vertical	Pass
2	57.396	20.32	-12.44	40.0	-19.68	Peak	69.00	100	Vertical	Pass
3	105.884	19.09	-13.29	43.5	-24.41	Peak	69.00	100	Vertical	Pass
4	215.951	21.55	-13.60	43.5	-21.95	Peak	63.00	100	Vertical	Pass
5	401.902	25.33	-8.60	46.0	-20.67	Peak	332.00	100	Vertical	Pass
6	737.196	30.19	-3.60	46.0	-15.81	Peak	247.00	100	Vertical	Pass

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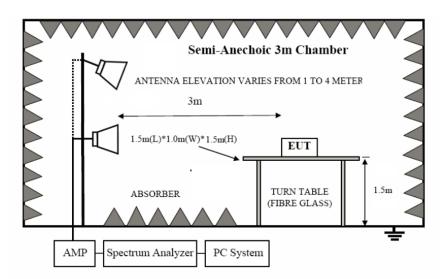


7. Band Edge

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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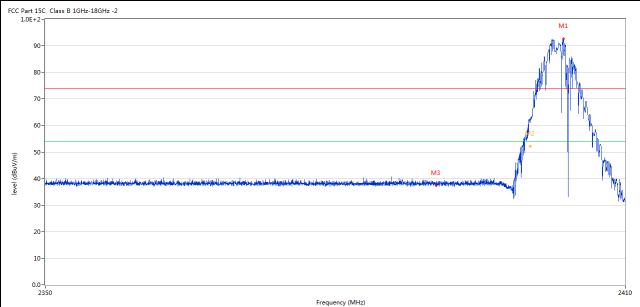
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7.6 Test Result

Product:	2.4GHz 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	2403.537	92.67	-3.57	74.0	18.67	Peak	107.00	100	Horizontal	N/A
2	2400.042	62.39	-3.57	74.0	-11.61	Peak	117.00	100	Horizontal	Pass
2*	2400.042	52.09	-3.57	54.0	-1.91	AV	117.00	100	Horizontal	Pass
3	2390.265	37.27	-3.53	74.0	-36.73	Peak	352.00	100	Horizontal	Pass

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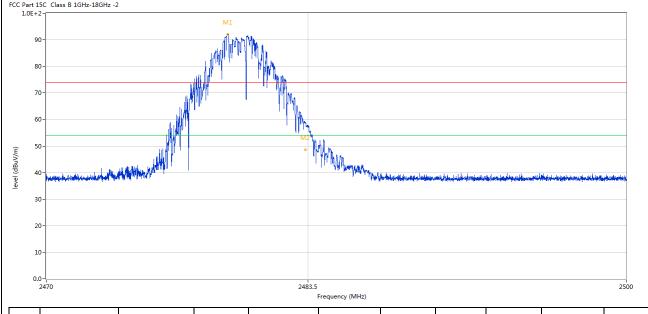
	Product:		2.4GF	Iz Wireless	Mouse]	Detector		Vertic	al
	Mode		Keep	oing Transm	itting	Te	st Voltage		DC1.5	5V
	Temperature			24 deg. C,		I	Humidity		56% F	RH
	Test Result:			Pass						
	t 15C Class B 1GHz-18GHz E+2-	z -2								
1.01	1+2-									
	90-								M1	
	80-								Aħn.A	
									W	
	70-								W	
	60-								// ` `	
	50-							1/2		
(m/apap) loag							M3	M		
	40-	the state of the late of the party of the pa	HANDAR SALAMAN	الباندا وليكاف البيناف البيابا والمهابة	A THE PARTY OF THE	engelegge glegge die beliebe be	والمالية المراهد أو المالية المرابع ال	A CONTRACTOR OF THE PROPERTY.		Tary) Louis
	30-									
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	2350				Frequency (MH	z)				2410
Nο	Frequency	Poculto	Factor	Limit	Over Limit	Detector	Toble (a)	Height	ANT	Verdic

No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402.697	82.77	-3.57	74.0	8.77	Peak	284.00	100	Vertical	N/A
2	2400.057	55.31	-3.57	74.0	-18.69	Peak	44.00	100	Vertical	Pass
2**	2400.057	45.08	-3.57	54.0	-8.92	AV	44.00	100	Vertical	Pass
3	2390.010	39.08	-3.53	74.0	-34.92	Peak	86.00	100	Vertical	Pass
										-

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Product:	2.4GHz Wireless Mouse	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC1.5V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		
FCC Part 15C Class B 1GHz-18GHz -2		•	



No.	Frequency	Results	Factor	Limit	Over	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	Limit (dB)		(o)	(cm)		
1	2479.365	92.01	-3.57	74.0	18.01	Peak	128.00	100	Horizontal	N/A
2	2483.369	58.77	-3.57	74.0	-15.23	Peak	128.00	100	Horizontal	Pass
2**	2483.369	48.65	-3.57	54.0	-5.35	AV	128.00	100	Horizontal	Pass

Note: 1. The PK emission level less than the AV limit. No necessary to record the AV emission level.

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P	Product:		2.4GHz	Wireless Mo	use		Detecto	or	Vertic	al
Mode Keep				ng Transmitti	ng		Test Volta	oltage DC1.5		V
Temperature 24				24 deg. C,	4 deg. C,			ty	56% RH	
Tes	st Result:			Pass						
C Part 15	5C Class B 1GHz-18GHz -2									
90· 80· 70· 60· 50·		manina maka da mara da		M1 M2	The area of the state of the st	months are visit at verifical equ	nd many laboratory seems all spranges and	ntik tak mendelak kan penjak belap	- where the copy had not the property to the design of the copy of	apada seriada
30· 20·										
)									
20· 10· 0.0·)- -									
20· 10· 0.0·]-			2483.5 Fre	equency (MHz)					2500
20· 10· 0.0· 2·)- -	Results	Factor		oquency (MHz) Over Limit	Detector	Table	Height	ANT	2500 Verdi
20· 10· 0.0· 2·		Results (dBuV/m)	Factor (dB)	Fre		Detector	Table (o)	Height (cm)	ANT	
20· 10·	Frequency			Limit	Over Limit	Detector Peak		_	ANT Vertical	

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 -1.66dBi Max. It fulfills the requirement of this section. Test Result: Pass

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9.0 20dB Bandwidth	n Measurement					
Product:	2.4GHz Wireless M	Test Mode:	Keep transmitting			
Mode	Keeping Transmitt	Test Voltage	DC1.5V			
Temperature	24 deg. C,	Humidity	56% RH			
Test Result:	Pass		Detector	PK		
20dB Bandwidth	2.565MHz					
Ŕ	Marker 1 [T1 nd	B] RI	BW 100 kH	Iz RF Att	20 dB	
Ref Lvl	ndB 20.0		BW 300 kH			
10 dBm	BW 2.5651302	6 MHz SV	WT 5 ms	s Unit	dBm	
			v ₁	[T1] -4	.64 dBm	
0				2.40304	509 GHz	
		1	ndB	20	.00 dB	
		Munn	BW ▽ _T ·	2.56513	026 MHz	
-10		<u> </u>	myma	2.40166		
	John Janes		W. W.	[T1] -24	1.44 dBm	
-20	T.L.AMV			T2 2.40422	745 GHz 1MA	
IMAX	www.			1	IMA	
-30	~~ [~]			1 00		
,,,,					m, .	
-40						
VW T					******	
-50						
-60						
-70						
-80						
-90						
Center 2.4	403 GHz	500 kHz/		Spa	n 5 MHz	
Date: 15.	NOV.2022 13:36:22					

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	2.4011Z	Wireless Mouse		Γ	Test Mode:		Keep tra	nsmitting	
Mode	Keeping Transmitting			Test Voltage		;	DC1.5V		
Temperature	24 deg. C,			Humidity			56% RH		
Test Result:	Pass			Detector			PK		
20dB Bandwidth	2.605MHz								
	Marker	1 [T1 ndB]	F	RBW	100 k	Hz Ri	F Att	20 dB	
Ref Lvl	ndB	20.00 dE	7	/BW	300 k	Hz			
10 dBm	BW 2	2.60521042 MF	Z S	SWT	5 m	s U	nit	dBm	ı
10					v ₁	[T1]	-2	.74 dBm	
							2.44107	515 GHz	A
0		Δ .			ndE	8	20	.00 dB	
					BW ▽ _{TT} 1		2.60521		
-10		<i></i>	7	~~	W.	[T1]	2.43962	.63 dBm 224 GHz	
	ر ا	1,			$\nabla_{\mathrm{T}2}$	[T1]	-22	.35 dBm	
-20	71					<u>T2</u>	2.44222	745 GHz	
1MAX									1MA
-30	NOT THE REAL PROPERTY OF THE P					- 			
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-40								7,	
W								W	
-50									
-60									
-70									
-80									
-90									
·	Center 2.441 GHz 500 kHz/ Span 5 MHz							-	
Date: 15	.NOV.2022 14	::25:10							

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Product:	2.4GHz Wireless Mo	ouse	Test Mode:	Keep transmitting DC1.5V 56% RH PK		
Mode	Keeping Transmitts	ing	Test Voltage			
Temperature	24 deg. C,		Humidity			
Test Result:	Pass		Detector			
20dB Bandwidth	2.595MHz					
Ref Lvl	Marker 1 [T1 nd		BW 100 kH BW 300 kH		20 dB	
10 dBm	BW 2.5951903		WT 5 ms	Unit	dBm	
10			▼ 1 [10 15	
0			, T [T1] -3 2.48002	.10 dBm A 505 GHz	
0			ndB	20	.00 dB	
			BW ▼ _{T1}	2.59519 [T1] -23		
-10	/ / /	1	Nowm	2.47863		
	and h		∇_{T}	[T1] -23	.34 dBm	
-20 1MAX				T2 2.48122	745 GHz	
-30	a commo					
بالمستمس	M				M	
-40 mm					Muni	
-50						
-60						
-70						
-80						
-90						
Center 2.	.48 GHz	500 kHz/		Spa	n 5 MHz	
Date: 15	.NOV.2022 14:30:04					

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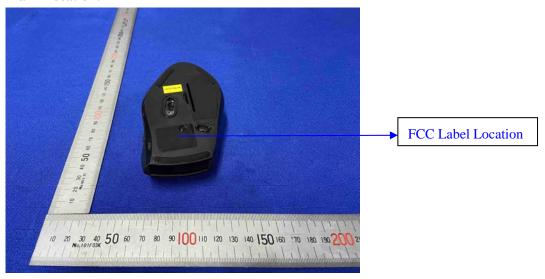


10.0 FCC ID Label

FCC ID: TUVDS-2953A

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:



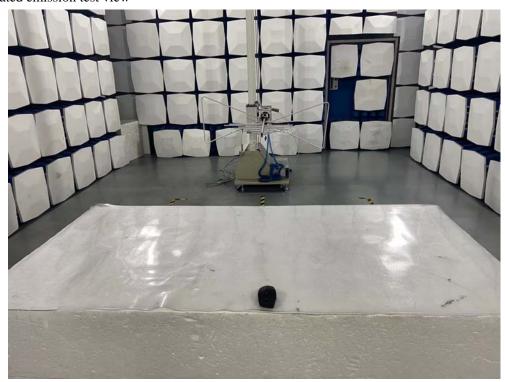
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11.0 Photo of testing

11.1 Conducted test View-- N/A Radiated emission test view





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11.2 Photographs - EUT



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Inside View-Mouse





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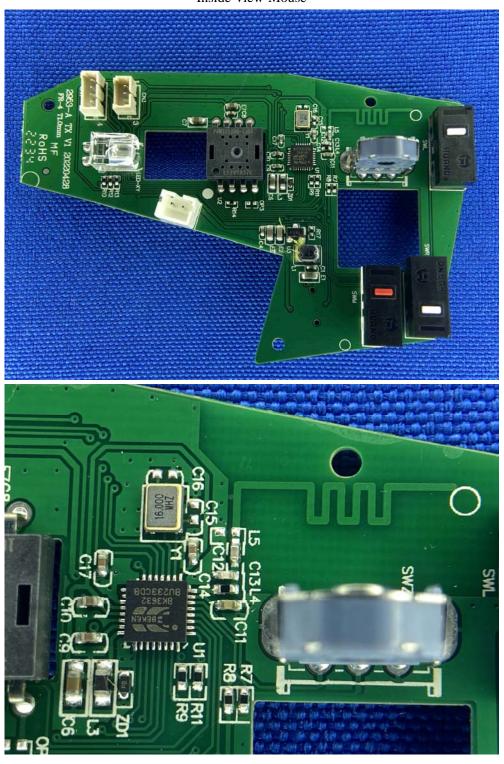
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Inside View-Mouse



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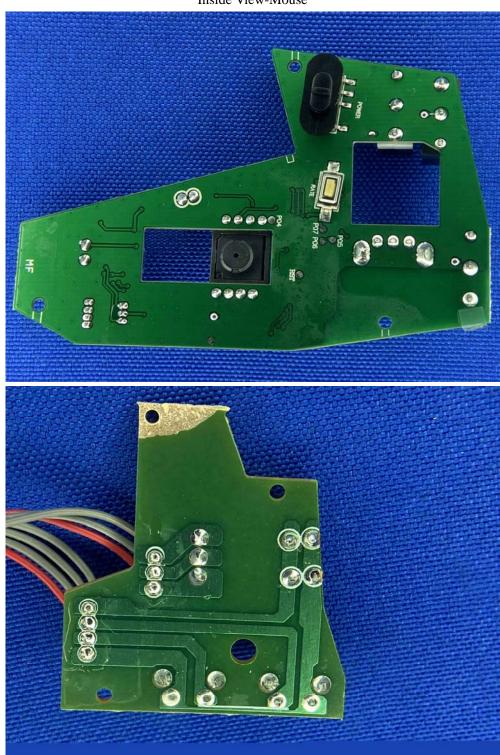
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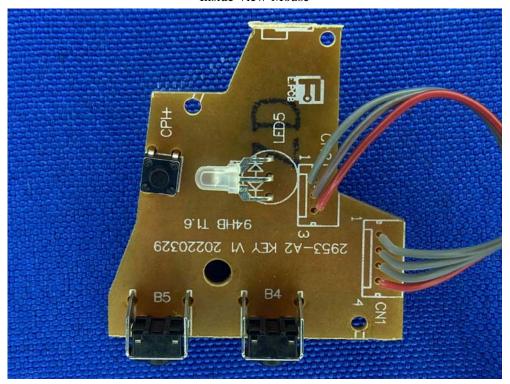
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Inside View-Mouse



---End of the Report--