



Report No.: TW2112231E File reference No.: 2022-01-05

Applicant: Eastern Times Technology Co.,Ltd

Product: 2.4G Wireless Mouse

Model No.: 462062050141, DS-2406, DS-2408, DS-2413, DS-2419,

DS-2435, DS-2440, DS-2449, DS-2456, DS-2475, DS-2483,

DS-2486, DS-2503, DS-2519, DS-2520

Trademark: BOEING

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

Jack Chung

Jack Chung

Manager

Dated: January 05, 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

Report No.: TW2112231E Page 2 of 36

Date: 2022-01-05



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 17025:2005 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

Date: 2022-01-05



Test Report Conclusion

Content

1.0	General Details	4
1.1	Test Lab Details	4
1.2	Applicant Details	4
1.3	Description of EUT	4
1.4	Submitted Sample	4
1.5	Test Duration.	5
1.6	Test Uncertainty	5
1.7	Test By	5
2.0	List of Measurement Equipment	6
3.0	Technical Details	7
3.1	Summary of Test Results	7
3.2	Test Standards	7
4.0	EUT Modification.	7
5.0	Power Line Conducted Emission Test.	8
5.1	Schematics of the Test	8
5.2	Test Method and Test Procedure	8
5.3	Configuration of the EUT	8
5.4	EUT Operating Condition	9
5.5	Conducted Emission Limit.	9
5.6	Test Result	9
6.0	Radiated Emission test	10
6.1	Test Method and Test Procedure	10
6.2	Configuration of the EUT	11
6.3	EUT Operation Condition	11
6.4	Radiated Emission Limit	11
6.5	Test Result.	13
7.0	Band Edge	21
7.1	Test Method and Test Procedure	2
7.2	Radiated Test Setup	2
7.3	Configuration of the EUT	21
7.4	EUT Operating Condition.	21
7.5	Band Edge Limit.	21
7.6	Band Edge Test Result.	22
8.0	Antenna Requirement.	26
9.0	20dB bandwidth measurement	27
10.0	FCC ID Label	30
11.0	Photo of Test Setup and EUT View.	31

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Report No.: TW2112231E Page 4 of 36

Date: 2022-01-05



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: 2.4G Wireless Mouse

Manufacturer: Eastern Times Technology Co.,Ltd

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

Dongguan City, Guangdong, China.

Trademark: BOEING

Model Number: 462062050141

Additional Model Name DS-2406, DS-2408, DS-2413, DS-2419, DS-2435, DS-2440, DS-2449,

DS-2456, DS-2475, DS-2483, DS-2486, DS-2503, DS-2519, DS-2520

Rating: DC1.5V, 6.8mA

Battery 1pc 1.5V AA Battery

Modulation Type: GFSK

Operation Frequency: 2408-2474MHz

Channel Number: 34
Channel Separation: 2MHz
Hardware Version: MA89P1-E
Software Version: 79D4

Antenna Designation PCB antenna with gain -2.0dBi Max (Declared by the Manufacturer)

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Report No.: TW2112231E Page 5 of 36

Date: 2022-01-05



1.4 Submitted Sample: 1 pc

1.5 Test Duration

2021-12-17 to 2022-01-04

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

Terry Tang

The sample tested by

Print Name: Terry Tang

Page 6 of 36

Report No.: TW2112231E

Date: 2022-01-05



2.0 Test Equipment					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2021-06-18	2022-06-17
LISN	R&S	EZH3-Z5	100294	2021-06-18	2022-06-17
LISN	R&S	EZH3-Z5	100253	2021-06-18	2022-06-17
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2021-06-18	2022-06-17
Loop Antenna	EMCO	6507	00078608	2021-06-18	2024-06-17
Spectrum	R&S	FSIQ26	100292	2021-06-18	2022-06-17
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2021-07-02	2024-07-01
Horn Antenna	R&S	BBHA 9120D	9120D-631	2021-07-02	2024-07-01
Power meter	Anritsu	ML2487A	6K00003613	2021-06-18	2022-06-17
Power sensor	Anritsu	MA2491A	32263	2021-06-18	2022-06-17
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2021-07-02	2024-07-01
9*6*6 Anechoic			N/A	2021-07-02	2022-07-01
EMI Test Receiver	RS	ESVB	826156/011	2021-06-18	2022-06-17
EMI Test Receiver	RS	ESH3	860904/006	2021-06-18	2022-06-17
Spectrum	HP/Agilent	ESA-L1500A	US37451154	2021-06-18	2022-06-17
Spectrum	HP/Agilent	E4407B	MY50441392	2021-06-18	2022-06-17
Spectrum	RS	FSP	1164.4391.38	2021-01-16	2022-01-15
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2021-06-18	2022-06-17
RF Cable	Zhengdi	7m		2021-06-18	2022-06-17
RF Switch	EM	EMSW18	060391	2021-06-18	2022-06-17
Pre-Amplifier	Schwarebeck	BBV9743	#218	2021-06-18	2022-06-17
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2021-06-18	2022-06-17
LISN	SCHAFFNER	NNB42	00012	2021-01-06	2022-01-05

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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Report No.: TW2112231E Page 7 of 36

Date: 2022-01-05



3.0 Technical Details

3.1 Summary of test results

The E	UT has	been	tested	accord	ling to	o 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

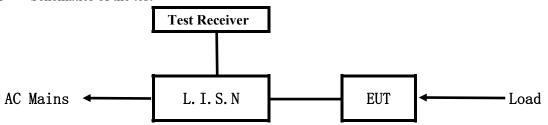
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

Date: 2022-01-05



5. Power Line Conducted Emission Test

5.1 Schematics of the test

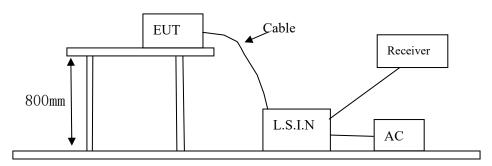


EUT: Equipment Under Test

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.

A. EUT

Device	Manufacturer	Model	FCC ID
2.4G Wireless Mouse	Eastern Times Technology Co.,Ltd	462062050141, DS-2406, DS-2408, DS-2413, DS-2419, DS-2435, DS-2440, DS-2449, DS-2456, DS-2475, DS-2483, DS-2486, DS-2503, DS-2519, DS-2520	TUVDS-2520

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Report No.: TW2112231E Page 9 of 36

Date: 2022-01-05



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.

Date: 2022-01-05

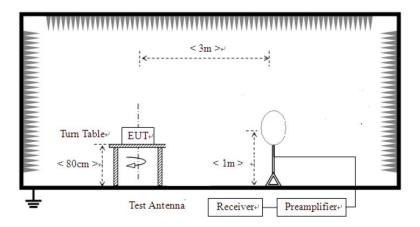


6 Radiated Emission Test

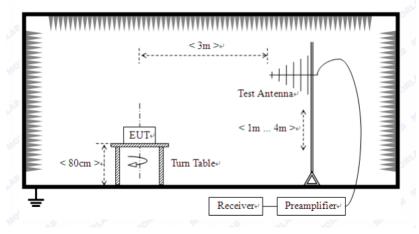
- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size 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



For radiated emissions from 30MHz to1GHz



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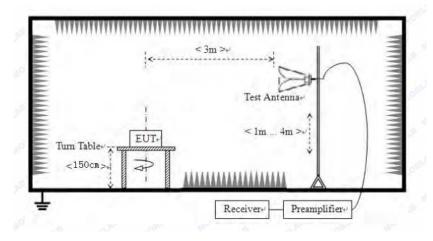
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Date: 2022-01-05



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.
- 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 S	trength of Harmo	nics (3m)
(MHz)	mV/m	dBuV/m		uV/m	dBu	V/m
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

Note:

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

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Report No.: TW2112231E Page 12 of 36

Date: 2022-01-05



B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

	1	8 1
Frequency Range (MHz)	Distance (m)	Field strength (dB µ V/m)
0.009-0.049	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. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.
- 5. 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.
- 6. 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.
- 7. New battery was used during tests.

Report No.: TW2112231E Page 13 of 36

Date: 2022-01-05

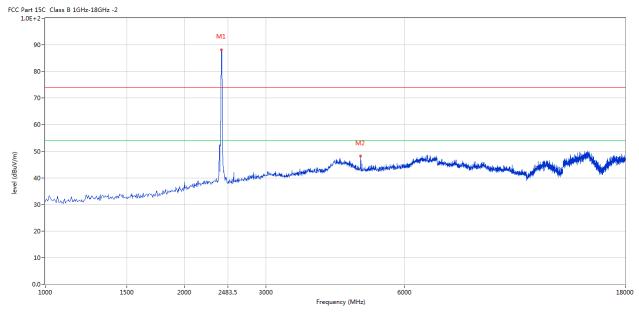


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



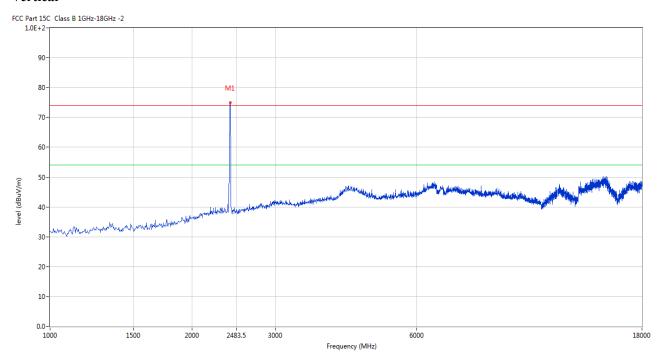
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(0)	(cm)		
1	2406.398	88.15	-3.57	114.0	-25.85	Peak	172.00	100	Horizontal	Pass
2	4815.546	48.24	3.14	74.0	-25.76	Peak	79.00	100	Horizontal	Pass

Report No.: TW2112231E Page 14 of 36

Date: 2022-01-05



Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2410.647	74.89	-3.57	114.0	-39.11	Peak	217.00	100	Vertical	Pass

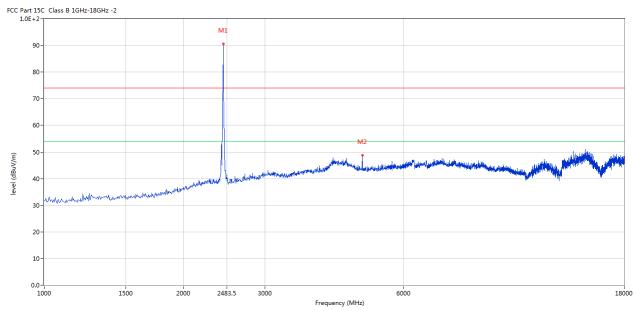
Report No.: TW2112231E Page 15 of 36

Date: 2022-01-05



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

Horizontal



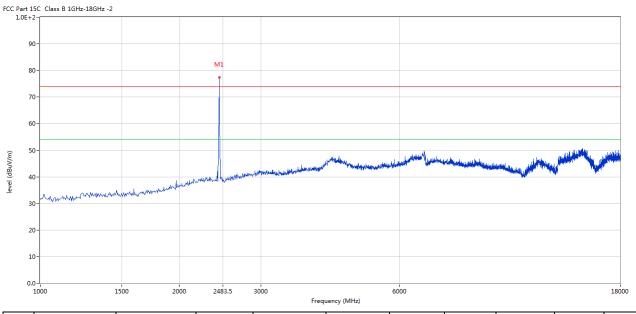
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440.390	90.61	-3.57	114.0	-23.39	Peak	164.00	100	Horizontal	Pass
2	4879.280	48.78	3.20	74.0	-25.22	Peak	294.00	100	Horizontal	Pass

Report No.: TW2112231E Page 16 of 36

Date: 2022-01-05



Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440.390	77.33	-3.57	114.0	-36.67	Peak	213.00	100	Vertical	Pass

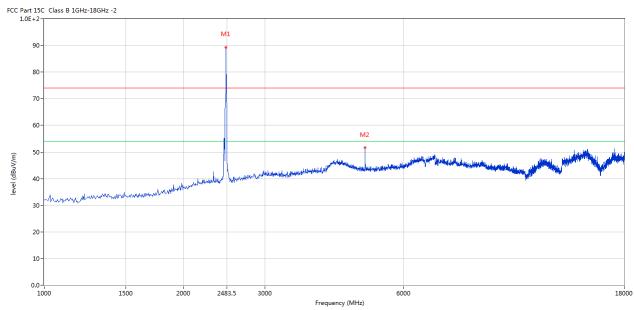
Report No.: TW2112231E Page 17 of 36

Date: 2022-01-05



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

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2474.381	89.32	-3.57	114.0	-24.68	Peak	149.00	100	Horizontal	Pass
2	4947.263	51.58	3.33	74.0	-22.42	Peak	89.00	100	Horizontal	Pass

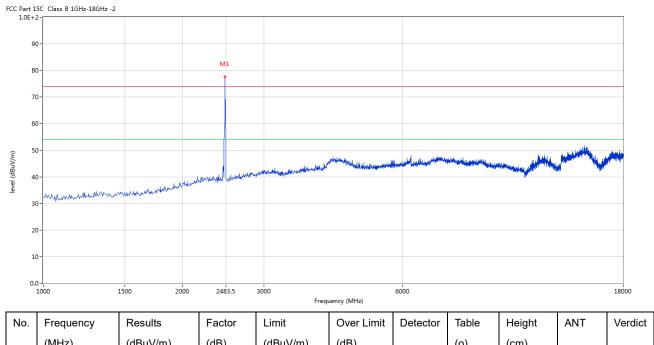
Page 18 of 36

Report No.: TW2112231E

Date: 2022-01-05



Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2474.381	77.56	-3.57	114.0	-36.44	Peak	211.00	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.

Report No.: TW2112231E Page 19 of 36

Date: 2022-01-05

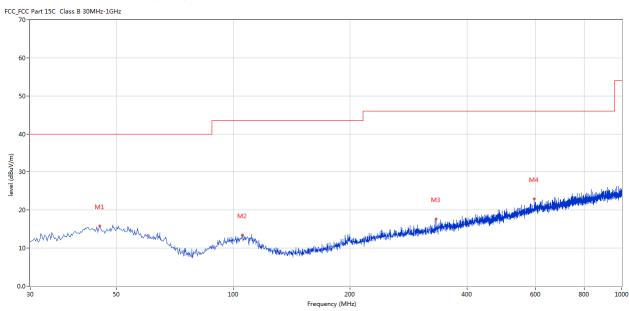


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

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)		(0)	(cm)		
1	45.274	15.83	-11.40	40.0	-24.17	Peak	296.00	100	Horizontal	Pass
2	105.641	13.50	-13.27	43.5	-30.00	Peak	71.00	100	Horizontal	Pass
3	332.807	17.61	-10.08	46.0	-28.39	Peak	360.00	200	Horizontal	Pass
4	595.369	22.90	-5.21	46.0	-23.10	Peak	281.00	200	Horizontal	Pass

Report No.: TW2112231E Page 20 of 36

Date: 2022-01-05

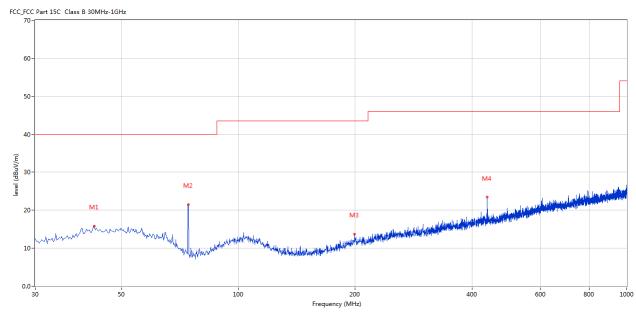


Radiated Emission In Vertical (30MHz----1000MHz)

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	42.607	15.78	-11.55	40.0	-24.22	Peak	86.00	100	Vertical	Pass
2	74.366	21.54	-17.19	40.0	-18.46	Peak	357.00	200	Vertical	Pass
3	199.223	13.69	-13.50	43.5	-29.81	Peak	349.00	200	Vertical	Pass
4	437.541	23.40	-8.03	46.0	-22.60	Peak	116.00	100	Vertical	Pass

Date: 2022-01-05

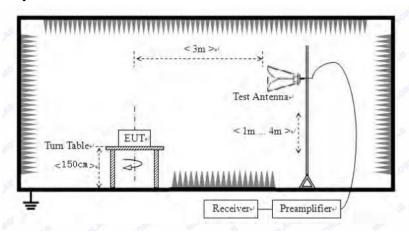


7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10–2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) Set Spectrum as RBW=1MHz, VBW=3MHz and Peak detector used for PK value. RBW=1MHz, VBW=10Hz and Peak detector used for AV value.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

7. 2 Radiated Test Setup



For the actual test configuration, please refer to the related items – Photos of Testing

7.3 Configuration of The EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

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

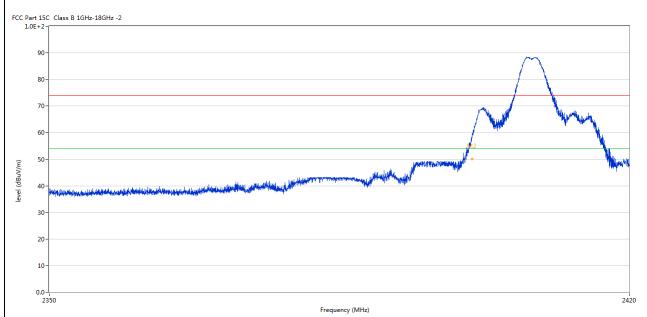
Report No.: TW2112231E Page 22 of 36

Date: 2022-01-05



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)		
2	2400.842	59.42	-3.57	74.0	-14.58	Peak	360.00	100	Horizontal	Pass
2**	2400.842	50.09	-3.57	54.0	-3.91	AV	360.00	100	Horizontal	Pass
3	2390.922	46.25	-3.53	74.0	-27.75	Peak	165.00	100	Horizontal	Pass

Report No.: TW2112231E Page 23 of 36



I	Product:	2.4	lG Wireles	s Mouse	De	etector		Ver	tical	
	Mode	Ke	eping Tran	smitting	Test	Voltage		DC	1.5V	
Te	mperature		24 deg.	C,	Нυ	ımidity		56%	RH	
Te	est Result:		Pass					-		
Part 1	.5C Class B 1GHz-18GHz 2-	-2								
0.										
90	0-									
80	0-							Page 170		
70	0-							-		
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10	0-									
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	T			Fr	equency (MHz)			_		ı
Ю.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verd
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		l
	0400 005	47.04	0.57	74.0		l - .		1		
2	2400.035	47.64	-3.57	74.0	-26.36	Peak	212.00	100	Vertical	Pass

Report No.: TW2112231E Page 24 of 36



I	Product:	2	2.4G Wire	less Mouse		Polari	ty	I	Horizontal	
	Mode	k	Keeping Ti	ransmitting		Test Vol	tage		DC1.5V	
Te	mperature		24 de	eg. C,		Humid	lity		56% RH	
Te	est Result:		Pa	nss						
CC Part 1 1.0E+1	.5C Class B 1GHz-18GHz	-2								
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Report No.: TW2112231E Page 25 of 36

Date: 2022-01-05



]	Product:	2.4G Wireless Mouse				Detector			Vertical		
	Mode Keeping Transmitting				Test V	Test Voltage DC1.5V					
Te	Temperature 24 deg. C,				Hun	nidity	dity 56% RH				
Te	Test Result: Pass										
FCC Part 1 1.0E+. 9	0-	2									
6 (w/\ngp) ava 4 3:	0-				2483.:		propher the sharehilder the shall be	inaksan, segala 8 ng kithada sangk	nitishanfulka qilayothalboredh	2500	
(w//ngp) 44 33 22 10	0-	Describe.		1	2483.: equency (MHz)	5				2500	
(m/\ngp) 44 33 22		Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	2483.:		Table (o)	Height (cm)	ANT		

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

2. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

Report No.: TW2112231E Page 26 of 36

Date: 2022-01-05



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 -2.0dBi Max. It fulfills the requirement of this section. Test Result: Pass

Report No.: TW2112231E Page 27 of 36



Product:	2.4G Wireless Mouse			Test Mode:		Keep transmitting		
Mode	Keeping Transmitting 24 deg. C, Pass			Test Voltage Humidity Detector		DC1.5V 56% RH PK		
Temperature								
Test Result:								
OdB Bandwidth	2.415MHz							
	Marker 1 [T1 ndB]			ЗW	100 kH	Hz RF Att 20 dB		20 dB
Nef Lvl	ndB 20.00 dB		VBW 300 kl		300 kH			
10 dBm	BW 2.41	482966 MHz	SV	VΤ	5 ms	Uı	nit	dBm
10					v ₁	[T1]	-5	.64 dBm
							2.40855	
0				1	ndB		20	.00 dB
					BW VT	[T1]	2.41482	966 MHz
-10		1	_\	f	\	[11]	2.40687	
				Ì	VZT2	[T1]	-25	.61 dBm
-20	77.1					Т2	2.40928	758 GHz
1MAX	7					Y		1
-30						\ __		\wedge
	War Marie						m	My
-40								W
-50								
-60				\perp				
-70								
-80								
-90								
Center 2.4	08 GHz	500 ki	Hz/				Spa	n 5 MHz

Page 28 of 36

Report No.: TW2112231E



Product:	2.4G Wireless	Mouse	Test Mode:	Keep transmitting		
Mode	Keeping Trans	smitting	Test Voltage	DC1.5V		
Temperature	24 deg. (C,	Humidity	56%	56% RH	
Test Result:	Pass		Detector	PK		
20dB Bandwidth	2.425MI	Нz				
Ŕ	Marker 1 [T	l ndB]	RBW 100 kH	z RF Att	20 dB	
Ref Lvl	ndB 20.00 dB		VBW 300 kH			
10 dBm	BW 2.4248	34970 MHz	SWT 5 ms	Unit	dBm	
10			V 1	[T1] -5	.41 dBm	
				2.44057	615 GHz	
0			ndB	20	.00 dB	
			BW ▼ _T	2.42484 [T1] -25	970 MHz	
-10			m) \	2.43888	. , , , , , , , , , , , , , , , , , , ,	
	~ ~		W. T. D.	\[T1] -25	.87 dBm	
-20	T.			2.44130	762 GHz	
IMAX	J			Y	IMA	
-30	m m			M		
and the same	WW.			~~~	The state of the s	
-40 MM						
-50						
-60						
-70						
-80						
-90						
Center 2	Center 2.44 GHz 500			Spa	n 5 MHz	
Date: 31	.DEC.2021 13:32:3	32				

Page 29 of 36 Report No.: TW2112231E



Product:	2.4G Wireless Mouse	Test Mode:	Keep transmitting		
Mode	Keeping Transmitting	Test Voltage	DC1.5V 56% RH		
Temperature	24 deg. C,	Humidity			
Test Result:	Pass	Detector	PK		
20dB Bandwidth	2.435MHz				
Ref Lvl	Marker 1 [T1 ndB]	RBW 100 kHz			
10 dBm	BW 2.43486974 I		Unit dBm		
10		▼ 1 [5	г1] -5.32 dВm		
0			2.47456613 GHz		
		ndB 1 ▼ BW	20.00 dB 2.43486974 MHz		
-10		/ / _	[T1] -29.29 dBm		
			2.47287 <mark>275 GHz</mark>		
20		No. of the second	[T1] -25.27 dBm		
-20	Ţ.		1MA		
-30			740		
N. a. Markey	The state of the s		The state of the		
-40					
-50					
-60					
-70					
-80					
-90	474 017-		Gran 5 Mil		
Center 2. Date: 31	.474 GHz .DEC.2021 13:38:24	500 kHz/	Span 5 MHz		

Report No.: TW2112231E Page 30 of 36

Date: 2022-01-05

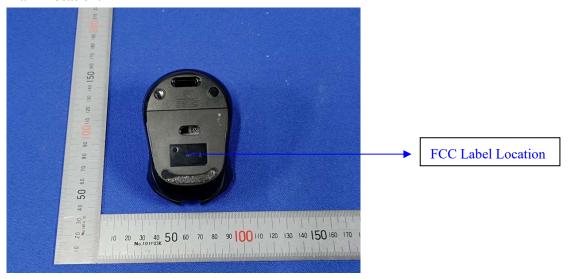


10.0 FCC ID Label

FCC ID: TUVDS-2520

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:



Date: 2022-01-05



11.0 Photo of testing

11.1 Conducted test View-N/A

Radiated emission test view





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

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11.2 Photographs – EUT

Outside View



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Photographs - EUT

Outside View





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Report No.: TW2112231E Page 34 of 36



Outside View



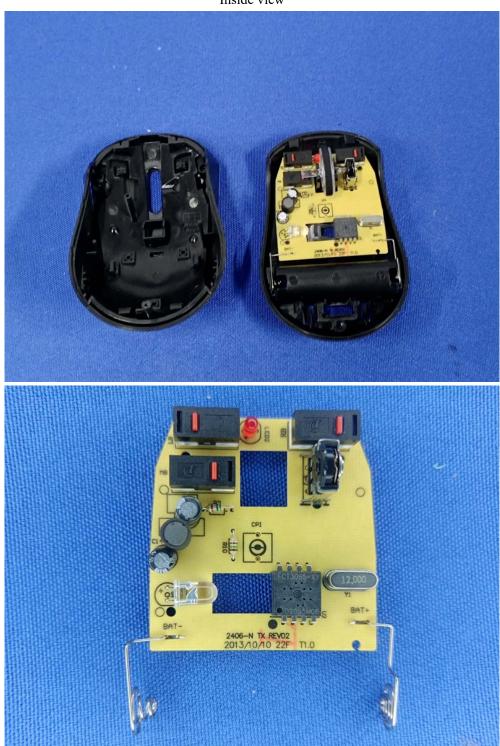
Page 35 of 36

Report No.: TW2112231E

Date: 2022-01-05



Inside view



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Report No.: TW2112231E Page 36 of 36



Inside view



-- End of the report--