



Report No.: File reference No.:	TW2112083E 2021-12-23
Applicant:	Shenzhen Star Sources Electronic Technology Co., Ltd.
Product:	Wireless Mouse
Model No.:	ST009, HPX-KX75
Trademark:	N/A
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:	December 23, 2021
	herein relate only to the sample tested orts is issued errors and omissions exempt and is subject to

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:

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

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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 w	vith the Federal Communications Commission – United Sates
Registration 1	Number: 744189
For 3m Anec	hoic Chamber

1.2 Applicant Details

Applicant:	Shenzhen Star Sources Electronic Technology Co., Ltd.
Address:	Room 2102, Block 1st, Yi Luan Building, Xixiang Road 230, BaoAn District, Shenzhen, China
Telephone:	+86-755-86397260
Fax:	+86-755-26609516

1.3 Description of EUT

- · · · · · · ·									
Product:		Wireless Mouse							
Manufacturer:	1	Shenzhen Star Sources Electronic Technology Co., Ltd.							
Address:]	Room 2102,	Block 1st,	Yi Luan B	uilding, Xiz	kiang Road	230, BaoA	n District,	
		Shenzhen, C	hina						
Trademark:]	N/A							
Model Number:	5	ST009							
Additional Model Name		HPX-KX75							
Rating:		DC3.0V							
Battery		2pcs 1.5V AAA batteries							
Modulation Type:		GFSK							
Operation Frequency:		2403-2480MHz							
Channel Number:		16							
Channel List:									
Ch No.	1	2	3	4	5	6	7	8	
Frequency (MHz)	2403	2468	2432	2448	2464	2404	2450	2440	

12

2414

13

2454

14

2418

15

2470

16

2480

Hardware Version:

Frequency (MHz)

Ch No.

10

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9

2428

11

2476

²⁴¹⁰ RF-8821 V1

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Software Version: Antenna Designation 0004-08 PCB antenna with gain -1.52dBi Max (Get from the specification)

- 1.4 Submitted Sample: 2 Samples
- 1.5 Test Duration 2021-12-08 to 2021-12-23
- 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

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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	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	2024-07-02
9*6*6 Anechoic			N/A	2021-07-02	2022-07-02
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	2022-06-1
LISN	SCHAFFNER	NNB42	00012	2021-01-06	2022-01-03

2.2 Automation Test Software

For Conducted Emission Test

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

For Radiated Emissions

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

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The EUT has been tested according to the following specifications:

3.0 **Technical Details**

3.1 Summary of test results

The ECT 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	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 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**

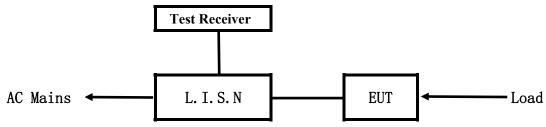
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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5. Power Line Conducted Emission Test

5.1 Schematics of the test

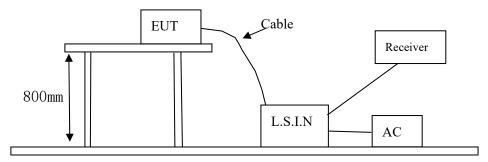


EUT: Equipment Under Test

5.2 Test Method and test Procedure

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

Α.	EUT
11.	LOI

Device	Manufacturer	Model	FCC ID
Wireless Mouse	Shenzhen Star Sources Electronic Technology Co., Ltd.	ST009, HPX-KX75	ZJE-ST009

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B. Internal Device

2.				
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				
$5.00~\sim~30.00$	60.0	50.0				

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

2. The tighter limit shall apply at the transition frequencies

5.6 Test Results:

N/A

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

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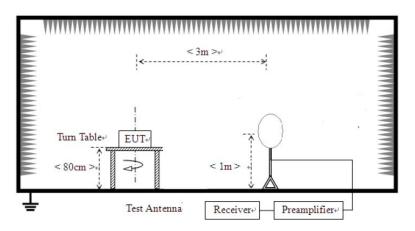


6 Radiated Emission Test

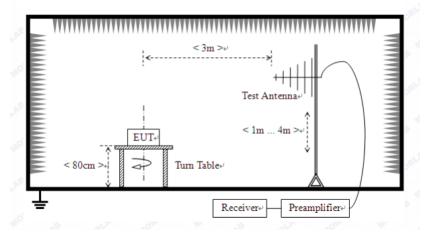
- 6.1 Test Method and test Procedure:
- The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz (Note: for Fundamental frequency radiated emission measurement, RBW=3MHz, VBW=10MHz). Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz



For radiated emissions from 30MHz to1GHz

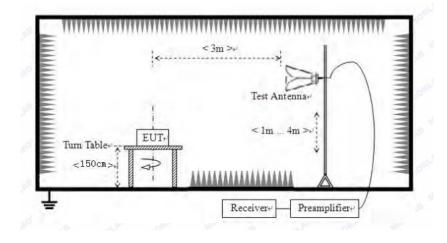


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For radiated emissions above 1GHz



- 6.2 Configuration of The EUT Same as section 5.3 of this report
- 6.3 EUT Operating Condition Same as section 5.4 of this report.
- 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 Strength of Harmonics (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 $(dBuV) = 20 \log RF$ 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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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			

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

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 batteries were used during tests.

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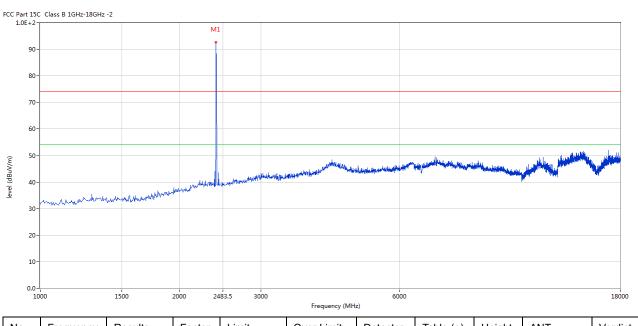
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6.5 Test resultA Fundamental & Harmonics Radiated Emission Data

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

Horizontal

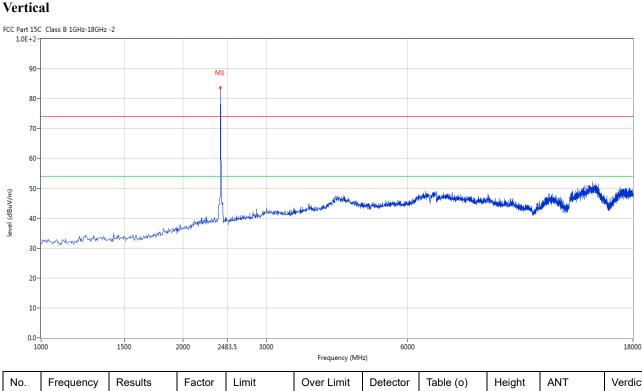


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402.149	92.65	-3.57	114.0	-21.35	Peak	51.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2402.149	83.61	-3.57	114.0	-30.39	Peak	302.00	100	Vertical	Pass

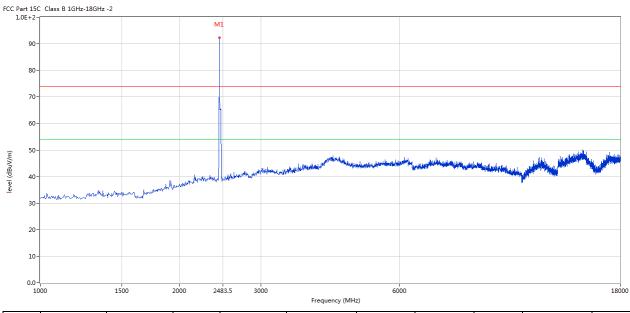
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal

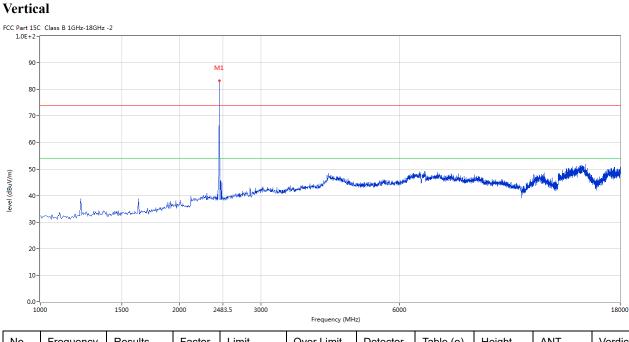


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2440.390	92.27	-3.57	114.0	-21.73	Peak	187.00	100	Horizontal	Pass

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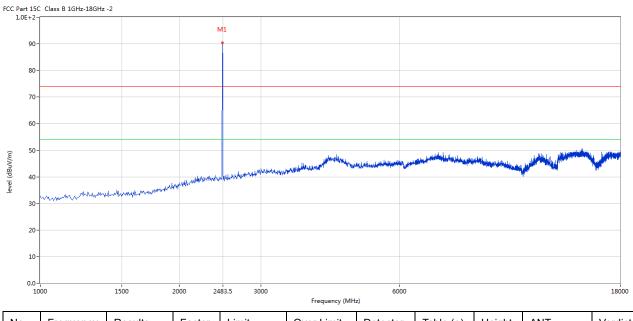
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2440.390	83.17	-3.57	114.0	-30.83	Peak	107.00	100	Vertical	Pass

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

Horizontal

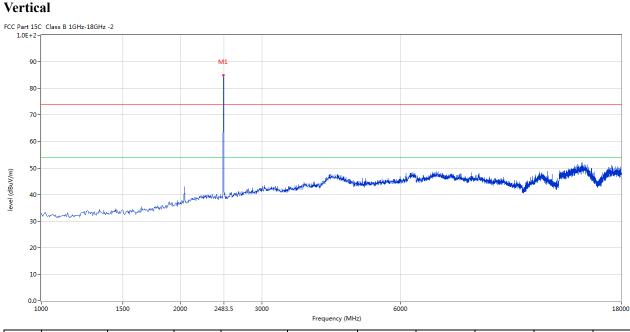


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2479.630	90.40	-3.57	114.0	-23.60	Peak	19.00	100	Horizontal	pass

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	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
l	1	2479.630	84.93	-3.57	114.0	-29.07	Peak	9.00	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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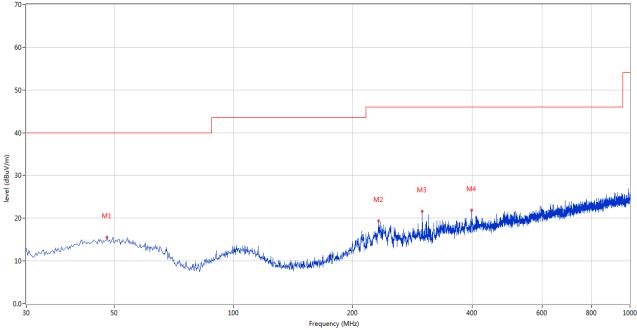
B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

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	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	47.941	15.61	-11.30	40.0	-24.39	Peak	360.00	200	Horizontal	Pass
2	232.194	19.33	-12.53	46.0	-26.67	Peak	258.00	200	Horizontal	Pass
3	299.350	21.66	-11.06	46.0	-24.34	Peak	320.00	100	Horizontal	Pass
4	398.993	21.90	-8.62	46.0	-24.10	Peak	76.00	100	Horizontal	Pass

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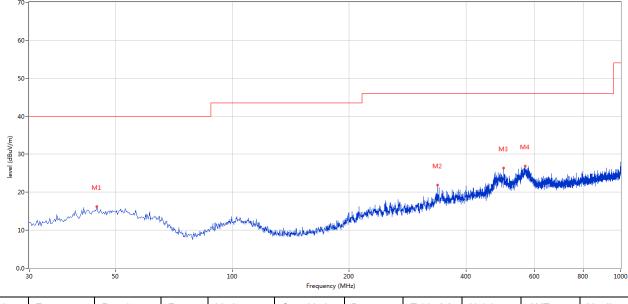
Radiated Emission In Vertical (30MHz----1000MHz)

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	Over Limit	Detector	Table (o)	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
	1	44.789	16.16	-11.42	40.0	-23.84	Peak	201.00	200	Vertical	Pass
	2	337.413	21.84	-9.83	46.0	-24.16	Peak	360.00	200	Vertical	Pass
ſ	3	500.090	26.32	-6.91	46.0	-19.68	Peak	341.00	100	Vertical	Pass
	4	567.246	26.87	-5.96	46.0	-19.13	Peak	360.00	200	Vertical	Pass

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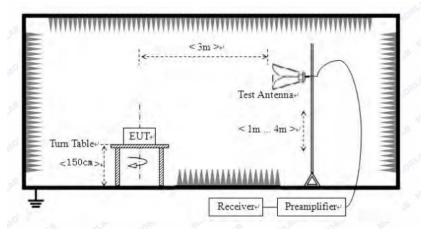


7. Band Edge

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:		Wireless Mouse				Polarity		Horizontal			
Mode		Keeping Transmitting				Test V	Test Voltage		DC3.0V		
Ter	nperature	24 deg. C,				Humidity		56% RH		[
Tes	_			Pass		-					
C Part 15 1.0E+2	iC Class B 1GHz-18GHz	-2									
90									M1		
90	-								MIM		
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40 30 20 10 0.0	- - - - - -	hugd an Norden an Strad Affair a faile sha	199-191-191-191-191-191-191-191-191-191	trevenses and a standard and a stand 						2410	
40 30 20 10 0.0 2	- 				Frequency (MF	z)	in the second	Height		T	
40 30 20 10 0.0 2	Frequency	Results	Factor	Limit	Frequency (MF			Height	ANT	2410 Verdict	
40 30 20 10 0.0	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MH Over Limit (dB)	^{z)} Detector	Table (o)	(cm)		Verdict	
40 30 20 10 0.0 2 No.	Frequency	Results	Factor	Limit	Frequency (MF	z)	in the second	-	ANT Horizontal Horizontal	T	

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Product:		Wireless Mouse			Detec	Detector		Vertical		
Mode		Keeping Transmitting			Test Vo	ltage	DC3.0V			
Ter	nperature	24 deg. C,			Humic	lity	56% RH			
Te	Test Result:			Pass						
CC Part 15 1.0E+2	5C Class B 1GHz-18GHz	-2								
90 80 70 60 50 ((m//mgp) 900 40			ka ilinea a curtara	- An a second destruction of the design	alatom a linu k it iterat		мз	M	MI	A
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30] -						na Lefhennafar féirt se i seoir séirt			1 Totokinaka
30 20 10 0.0					Frequency (MH	z)				2410
30 20 10 0.0 2) = = = =	Results	Factor	Limit	Frequency (MH	^{z)} Detector	Table (o)	Height	ANT	2410
30 20 10 0.0 2	2350			Limit (dBuV/m)		1			ANT	
30 20 10 0.0	Frequency	Results	Factor		Over Limit	1		Height	ANT	2410

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	Product:	t: Wireless Mouse					ty		Horizontal		
	Mode		Keeping Transmitting				tage	DC3.0V			
Τe	emperature		24 deg. C,				lity	56% RH			
Te	Test Result: Pass										
CC Part 1.0E+	15C Class B 1GHz-18GHz	-2									
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٤	80 -		M	I ne alla Maler							
7	70-		W		l.						
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(m)	50 -		411								
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level (dBuV/m	10- <mark>İlya, Menkerin (1997), 1996), 1997</mark> 30-	nisiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	4 I I		- WWWWWWW	desseda y bland an barranger ber	erðaýðasarkiriðanninnaðar að h	kerkalgudan en gebanden	undhaitheythianna a lanna	ur singly hour	
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level (dBuV/m	40 - <mark>ling, situ Messeng intranski ki</mark> 30 - 20 -	ndeel	4 I I		2483.5 Frequency (MHz		2008959000000000000000000000000000000000	hade affan de se and an	i yyddiaddiwydwigan an dan Laeni d	Untiled here 2500	
level (dBuV/m	40 - <mark>Wra, cital lawert etterallikk</mark> 30	Results	Factor	Limit			Table (o)	Height	ANT		
level (dBuV/m	40 - Wine Cital According to the Accordi		Factor (dB)	Limit (dBuV/m)	Frequency (MHz)			T	2500	
level (dBuV/m	40	Results			Frequency (MHz Over Limit)		Height	T	2500	

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Р	Product: Wireless Mouse				Detec	tor	Vertical			
Mode Keeping Transmitting			ng	Test Vol	ltage	DC3.0V				
Temperature 24 deg.			4 deg. C,		Humic	Humidity 56%				
Tes	Test Result: Pass									
C Part 15 1.0E+2 90 80 70 60		-2	all all	W MAN	<u>А.</u>					
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40 30 20 10	galigensk, spaar gewinne, de weerg	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	2483.5		Table (o)	Height (cm)	ANT	
40 30 20 10 0.0 2	470	Results			2483.5 Frequency (MH Over Limit	iz)		Height		2500

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.

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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 -1.52dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Product:	Wireless Mouse				Test Mode:		Keep transmitting			
Mode	Keeping Transmitting				Te	st Voltage		DC3	.0V	
Temperature		24 deg. C,				Iumidity		56%	RH	
Test Result:		Pass				Detector		PI	X	
20dB Bandwidth		2.605MHz								
	Marke	er 1 [T1 1	ndB]	RI	BW	100 ki	Hz Ri	F Att	20 dB	
Ref Lvl	ndB	20	.00 dB	VI	BW	300 ki	Hz			
10 dBm	BW	2.60521	042 MHz	SI	ΤW	5 m;	s Ui	nit	dBm	ı
10						v 1	[T1]	(0.63 dBm	1_
			-	1				2.40305	511 GHz	
0		\wedge				ndB		20	0.00 dB	
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-10					-		<u>[T1]</u>	-19	· JI UDI	
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-20								2.40423	3747 GHz	
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Product:	Wireless Mou		t Mode:	Keep transmitting			
Mode	Keeping Transmi		t Voltage	DC3.0V 56% RH			
Temperature	24 deg. C,	Hı	umidity				
Test Result:	Pass		D	etector		PK	
OdB Bandwidth	2.495MHz						
R A	Marker 1 [T1 r	ıdB]	RBW	100 kHz	RF Att	20 dB	
Ref Lvl		.00 dB	VBW	300 kHz			
10 dBm	BW 2.494989	98 MHz	SWT	5 ms	Unit	dBm	
10				▼1 [T:	1]	0.36 dBm	A
			1		2.4410	4208 GHz	
0		$\wedge \wedge$		ndB	20	0.00 dB	
	<u></u>				2.49498	3998 MHz	
-10					2.4397	9.75 dBm 3948 GHz	
20	Ţ			▼ _{T2} [:	r_1 r_2 r_1 r_2 r_1 r_2 r_1	9.52 dBm	
-20 1MAX					2.4422	3447 GHz	1MA
	JAC 1				4		
-30					Vw		
-40							
-50							
-60							
-70							
-80							
-90							
Center 2.4	40776553 GHz	500 kHz	z /		Spa	an 5 MHz	

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Product:	Wireless Mouse	Test Mode:	Keep transmitting		
Mode	Keeping Transmitting	Test Voltage	DC3.0V 56% RH		
Temperature	24 deg. C,	Humidity			
Test Result:	Pass	Detector	РК		
20dB Bandwidth	2.425MHz				
R	Marker 1 [T1 ndB]	RBW 100 kHz	z RF Att 20 dB		
Ref Lvl	ndB 20.00 dB	VBW 300 kHz			
10 dBm	BW 2.42484970 MHz	SWT 5 ms	Unit dBm		
10		▼1 [T1] C.37 dBm		
		1	2.48003507 GHz		
0		ndB	20.00 dB		
		BW	2.42484970 MHz		
-10			[T1] -19.65 dBm		
	TI	▼ _{T2}	2.47881263 GHz [T2] -19.66 dBm		
-20			2.48123747 GHz		
1MAX			1MA		
-30	amout				
-40					
-50					
-60					
-70					
-80					
-90					
Center 2.48	8 GHz 500	kHz/	Span 5 MHz		
Date: 22.D	DEC.2021 16:57:28				

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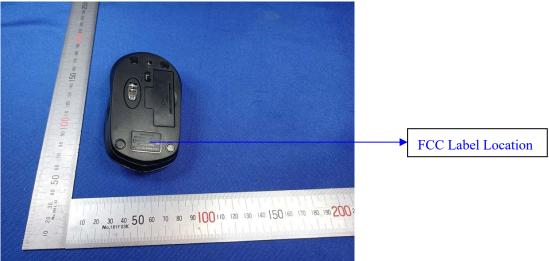
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10.0 FCC ID Label

FCC ID: ZJE-ST009

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.



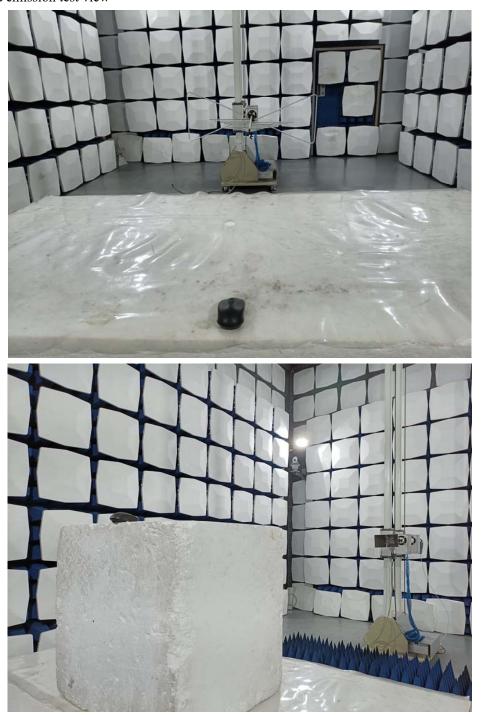


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- 11.0 Photo of testing
- 11.1 Conducted test View-N/A Radiated emission test view



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11.2 Photographs – EUT



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Outside View



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Photographs - EUT

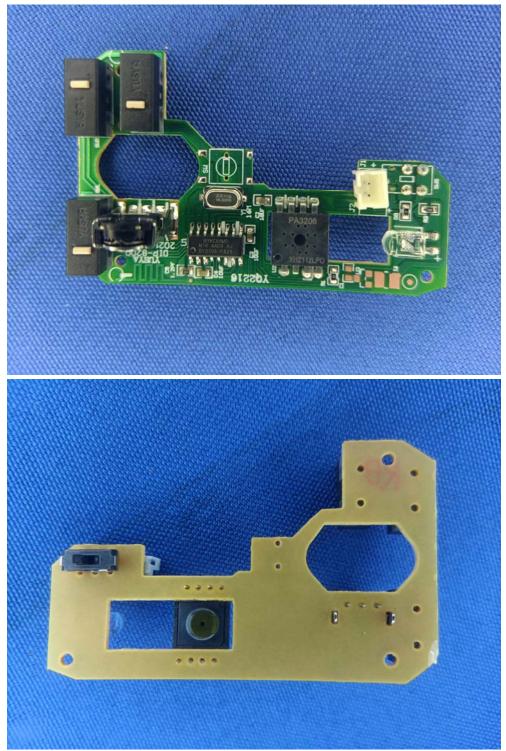
Outside View



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Inside view



--End of the report--

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