



Report No.: TW2202200E File reference No.: 2022-03-09

Applicant: Shenzhen SQT Electronics Co.,Ltd

Product: Wireless Mouse

Model No.: SM-M3AG, M-385AG, M3AG, GEEZER, A3060,

SMK648385AG, V2020, SMK-646385

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

Terry long

Terry Tang

Manager

Dated: March 09, 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 17025:2005 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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Test Report Conclusion

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11.0

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Photo of Test Setup and EUT View.

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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: Shenzhen SQT Electronics Co.,Ltd

Address: ZhengChengFeng TechnologyZone Xinsha Road,ShaYi Village, Sha jing Town, Baoan Area,

Shenzhen, China

Telephone: 0755-27568078 Fax: 0755-27568223

1.3 Description of EUT

Product: Wireless Mouse

Manufacturer: Shenzhen SOT Electronics Co.,Ltd

Address: ZhengChengFeng TechnologyZone Xinsha Road,ShaYi Village, Sha jing

Town, Baoan Area, Shenzhen, China

Trademark: N/A

Model Number: SM-M3AG

Additional Model Name M-385AG, M3AG, GEEZER, A3060, SMK648385AG, V2020, SMK-646385

Rating: DC1.5V, 15mA

Battery 1pc 1.5V AA Battery

Modulation Type: GFSK

Operation Frequency: 2408-2474MHz

Channel Number: 34 Channel Separation: 2MHz

Hardware Version: MA383J-3 K+M V01test10 2.HEX checksum: 8A73

Software Version: MA383J-3(H383)

Serial No.: SMK668M3220100972

Antenna Designation PCB antenna with gain -0.61dBi Max (Get from the antenna specification)

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1.4 Submitted Sample: 1 pc

1.5 Test Duration

2022-02-25 to 2022-03-09

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

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	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 Schwarel		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	2022-01-14	2023-01-13				
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	2022-01-05	2023-01-04				

2.2 Automation Test Software

For Conducted Emission Test

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

For Radiated Emissions

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

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3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:

Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies
FCC Part 15, Paragraph 15.207	Conducted Emission Test	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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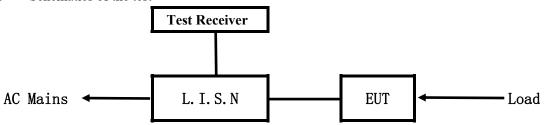
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

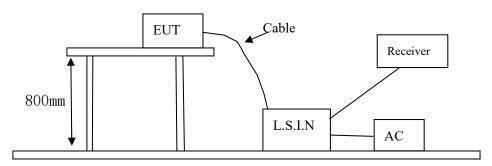


EUT: Equipment Under Test

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 500hm/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
Wireless Mouse	Shenzhen SQT Electronics Co.,Ltd	SM-M3AG, M-385AG, M3AG, GEEZER, A3060, SMK648385AG, V2020, SMK-646385	WOX-SM-M3AG

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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 ~ 0 50	66.0~56.0*	56.0~46.0*			
$0.50 \sim 5.00$	56.0	46.0			
5.00 ~ 0.00	60.0	50.0			

Notes:

- 1. *Decreasing linearly with logarithm of frequency.
- 2. The tighter limit shall apply at the transition frequencies

5.6 Test Results:

N/A

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

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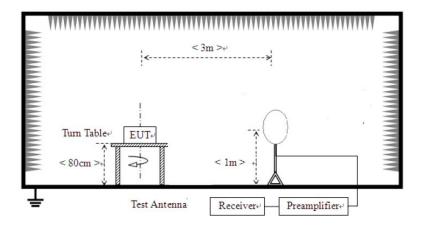


6 Radiated Emission Test

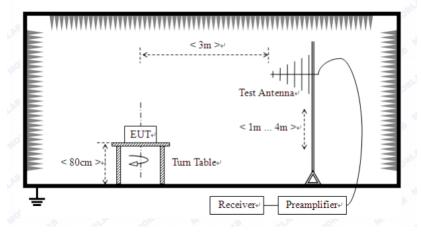
- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size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



For radiated emissions from 30MHz to1GHz



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

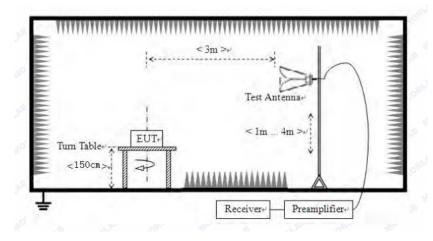
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For radiated emissions above 1GHz



- 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 Strength of Fundamental (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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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. 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.

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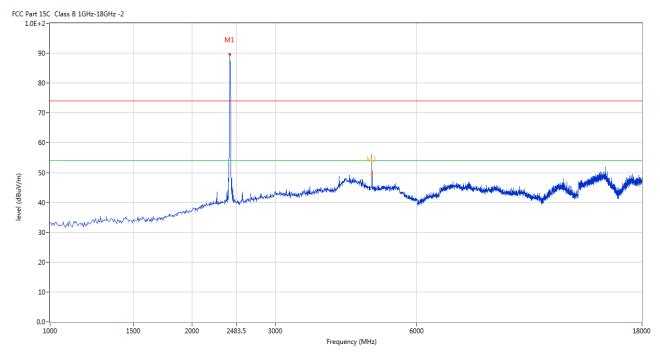


6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

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

Horizontal



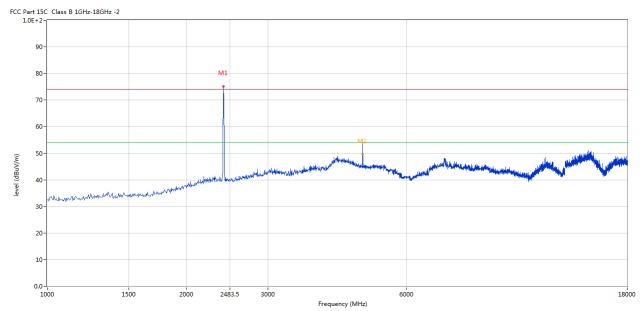
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2407.398	89.57	-3.57	114.0	-24.43	Peak	250.00	100	Horizontal	Pass
2	4815.546	56.21	3.14	74.0	-17.79	Peak	349.00	100	Horizontal	Pass
2**	4815.546	49.51	3.14	54.0	-4.49	AV	349.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2407.398	75.14	-3.57	114.0	-38.86	Peak	314.00	100	Vertical	Pass
2	4815.546	55.25	3.14	74.0	-18.75	Peak	176.00	100	Vertical	Pass
2**	4815.546	49.70	3.14	54.0	-4.30	AV	176.00	100	Vertical	Pass

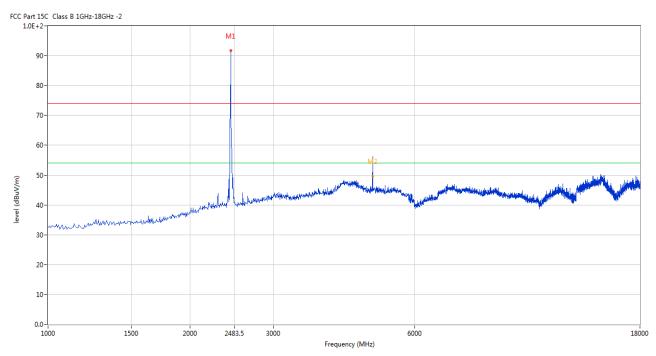
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Please refer to the following test plots for details: Middle Channel-2440MHz

Horizontal



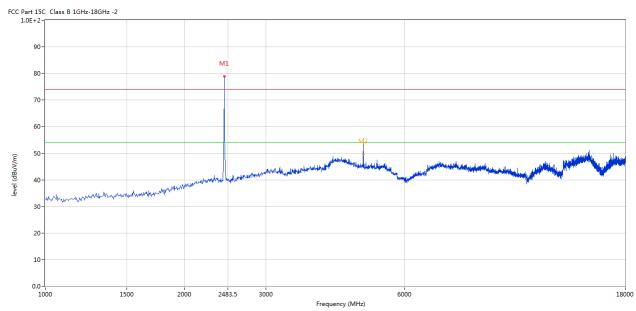
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2440.390	91.70	-3.57	114.0	-22.30	Peak	274.00	100	Horizontal	Pass
2	4879.280	56.22	3.20	74.0	-17.78	Peak	6.00	100	Horizontal	Pass
2**	4879.280	49.55	3.20	54.0	-4.45	AV	6.00	100	Horizontal	Pass

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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2440.390	78.84	-3.57	114.0	-35.16	Peak	71.00	100	Vertical	Pass
2	4879.280	55.63	3.20	74.0	-18.37	Peak	187.00	100	Vertical	Pass
2**	4879.280	49.58	3.20	54.0	-4.42	AV	187.00	100	Vertical	Pass

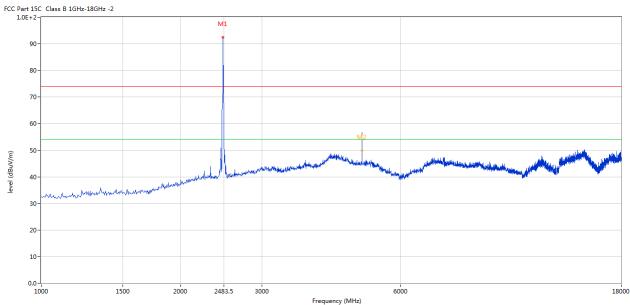
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Please refer to the following test plots for details: High Channel-2474MHz

Horizontal



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2474.381	92.54	-3.57	114.0	-21.46	Peak	253.00	100	Horizontal	Pass
2	4947.263	56.62	3.33	74.0	-17.38	Peak	352.00	100	Horizontal	Pass
2**	4947.263	49.94	3.33	54.0	-4.06	AV	352.00	100	Horizontal	Pass

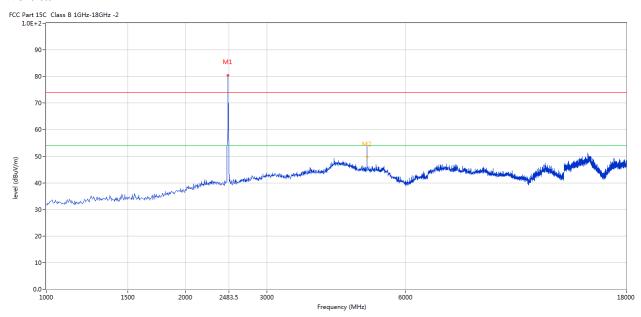
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Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2474.381	80.47	-3.57	114.0	-33.53	Peak	80.00	100	Vertical	Pass
2	4947.263	55.33	3.33	74.0	-18.67	Peak	122.00	100	Vertical	Pass
2**	4947.263	49.72	3.33	54.0	-4.28	AV	122.00	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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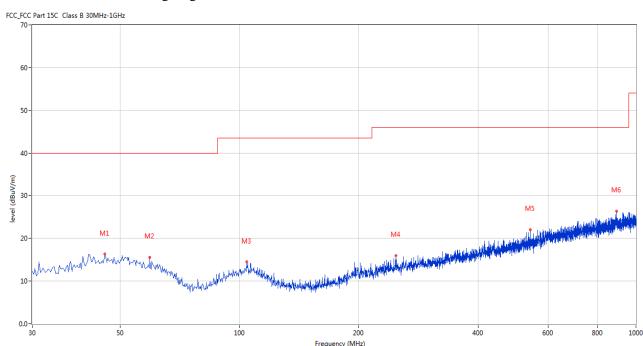


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	45.759	16.29	-11.40	40.0	-23.71	Peak	32.00	100	Horizontal	Pass
2	59.335	15.61	-12.89	40.0	-24.39	Peak	68.00	100	Horizontal	Pass
3	104.186	14.44	-13.30	43.5	-29.06	Peak	17.00	100	Horizontal	Pass
4	247.711	15.91	-12.13	46.0	-30.09	Peak	145.00	100	Horizontal	Pass
5	541.547	22.00	-6.38	46.0	-24.00	Peak	160.00	100	Horizontal	Pass
6	893.569	26.40	-1.90	46.0	-19.60	Peak	78.00	100	Horizontal	Pass

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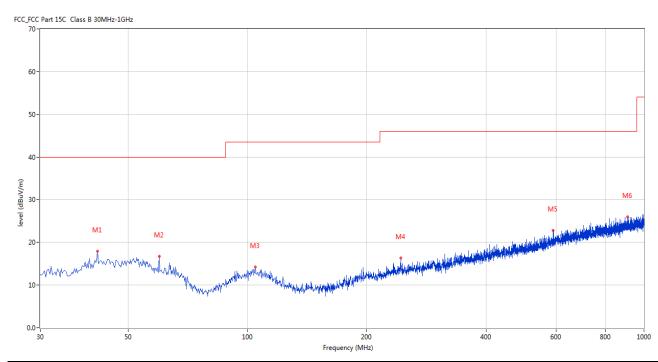


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	41.880	17.92	-11.72	40.0	-22.08	Peak	200.00	100	Vertical	Pass
2	59.820	16.72	-12.94	40.0	-23.28	Peak	200.00	100	Vertical	Pass
3	104.671	14.26	-13.25	43.5	-29.24	Peak	323.00	100	Vertical	Pass
4	243.589	16.35	-12.21	46.0	-29.65	Peak	338.00	100	Vertical	Pass
5	590.520	22.82	-5.12	46.0	-23.18	Peak	200.00	100	Vertical	Pass
6	909.085	26.01	-1.75	46.0	-19.99	Peak	110.00	100	Vertical	Pass

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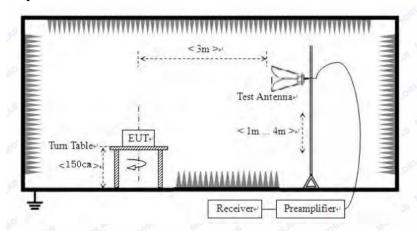


7. Band Edge

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.

7.6 Test Result

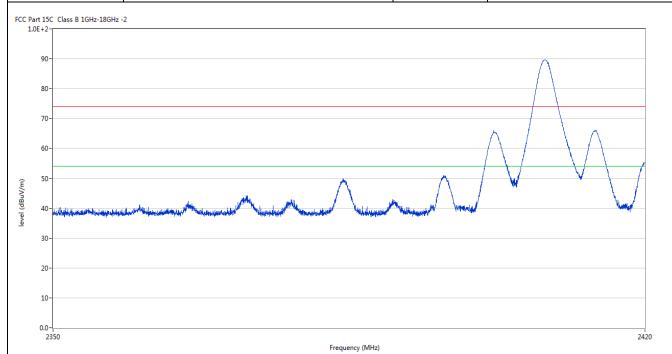
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Product:	Wireless Mouse	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	DC1.5V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
2	2400.062	49.58	-3.57	74.0	-24.42	Peak	258.00	100	Horizontal	Pass
3	2389.990	43.03	-3.53	74.0	-30.97	Peak	263.00	100	Horizontal	Pass

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110	oduct:		Wirel	ess Mouse		Detect	or		Vertical	
M	lode		Keeping	Transmittin	ıg	Test Vol	tage]	DC1.5V	
Temp	perature		24	deg. C,		Humid	ity	5	56% RH	
Test	Result:			Pass						
Part 15C C	Class B 1GHz-18GHz -	2								
90-										
80-										
								\wedge		
70-								/ \	\	
60-										
								. /		
50-							4.		$\wedge \wedge$	
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30 - 20 - 10 - 0.0 - 2350		Results	Factor	Limit	Frequency (MH	z) Detector	Table (o)	Height	ANT	2420
30- 20- 10- 0.0- 2350				Limit (dBuV/m)	1	1	Table (o)	Height (cm)	ANT	2420 Verdic
30- 20- 10- 0.0- 2350	Frequency	Results	Factor		Over Limit	1	Table (o) 316.00	_	ANT Vertical	1

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Product:		Wire	eless Mouse		Po	olarity		Horizonta	al
Mode		Keepin	g Transmittin	ıg	Test	Voltage		DC1.5V	7
Temperature		2	4 deg. C,		Hu	midity		56% RH	
Test Result:			Pass						
C Part 15C Class B 1GHz-18G 1.0E+2	4z -2								
50- 40- 30- 20- 10- 2470				2483.5 Frequency (N	Months and the second s	the state of the s	A CONTRACTOR OF THE CONTRACTOR	anne de la companya d	1
30- 20- 10- 2470		Factor	Limit	Frequency (N	1Hz) Detector	Table (o)	Height	ANT	1
30- 20- 10- 2470		Factor (dB)	Limit (dBuV/m)	Frequency (N		Table (o)	Height (cm)	ANT	25 Verdict

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Pr	oduct:		W	ireless Mou	se		Detector		Verti	cal
N	Mode		Keep	ing Transmi	itting		Test Voltag	ge	DC1.	5V
Tem	perature			24 deg. C,			Humidity	7	56%	RH
Test	t Result:			Pass						
FCC Part 15C 1.0E+2-7 90- 80- 70-	Class B 1GHz-18GHz	-2								
(E/N/20) 40- 30- 20- 10- 24					2483.5 Frequency (MH	TZ)	des plantes de marie de la compansa	Metrocons de la secución de la defendada de la secución de la secución de la secución de la secución de la sec	nd alpha i i nacadh aig daoigh aigh aigh aigh aigh aigh aig a gaill a guill aig a ghaill aig a ghaill aig a gh	2500
(E/N/NPB) 40-1 40-1 20-1 10-1 10-1 10-1 10-1 10-1 10-1 1		Results	Factor	Limit	2483.5		Table (o)	Height	ANT	2500 Verdict
(L/APR) 40- 30- 10- 24	70	Results (dBuV/m)	Factor (dB)		2483.5 Frequency (MH	z)			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.

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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 -0.61dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Product:	Wi	reless Mouse		Te	est Mode:		Keep tran	smitting
Mode	Keepi	ng Transmitting		Te	st Voltage		DC1	.5V
Temperature		24 deg. C,		I	Iumidity		56%	RH
Test Result:		Pass		I	Detector		PF	ζ
dB Bandwidth		2.265MHz						•
	Marker	1 [T1 ndB]	F	BW	100 k	Hz Ri	F Att	20 dB
Ref Lvl	ndB	20.00 d		BW	300 ki			
10 dBm	BW	2.26452906 M	Hz S	WT	5 m	s Ui	nit	dBm
10					v ₁	[T1]	-1	l.52 dBm
					1		2.40853	8607 GHz
0		M.	М.	/	ndB		20	0.00 dB
		│	Λ	. /	BW ▼⊤1	[T1]	2.26452	906 MHz
10			V	W	V _m	<u>, , , , , , , , , , , , , , , , , , , </u>		281 GHz
	m1	That I			An Am	[T1]	-21	1.77 dBm
20 1MAX	7					Y	2.40916	733 GHz
IMAX	160					\		^
30						- 4	/	
	v /					ኒ	MAN	4
40	- Valentin					\	W	WW.
W,								W
50								
60								
70								
80								
90								
Center 2.40)8 GHz	5	00 kHz/				Spa	an 5 MHz

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Report No.: TW2202200E



Product:	Wireless Mouse			Test Mode:	Keep tr	Keep transmitting		
Mode	Keeping Transmitting			Test Voltage	DO	DC1.5V		
Temperature	24 deg. C,			Humidity	56% RH			
Test Result:	Pass			Detector		PK		
20dB Bandwidth	2.305MHz							
Ŕ	Marker	1 [T1 ndB]	RBV	100 ki	Hz RF Att	20 dB		
Ref Lvl	ndB	20.00 dB	VBV	7 300 ki	Hz			
10 dBm	BW 2	2.30460922 MHz	SWI	5 ms	s Unit	dBm		
10				v ₁	[T1] -	0.76 dBm		
				1	2.4405	5611 GHz		
0			\downarrow	ndB	2	0.00 dB		
		M \	\	V BW ∇ _{TT} 1	2.3046			
-10		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4/11/10		<u>[T1]</u> −2 ^ . 2.4388	0.25 dBm 9279 GHz		
	TA	hur.		$\bigvee_{\mathrm{T}2}$	(T1) -2	1.08 dBm		
-20	. 				2.4411	9739 GHz		
1MAX) , <i>J</i> ^J				Ч.,	1MA		
-30 M M W	~10\~_\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				- VIII	<u> </u>		
	***					V _I		
-40					-Ju			
						4		
-50								
-60								
-70								
-80								
-90								
Center 2.44 GHz 500 kHz/ Span 5 MHz								
Date: 5.MAR.2022 12:39:04								

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Product:	Wireless Mouse			Test Mode:	Keep transmitting				
Mode	Keeping Transmitting			est Voltage	DC1.5V				
Temperature	24 deg. C,			Humidity	56% RH				
Test Result:	Pass			Detector	PK				
20dB Bandwidth	2.295MHz								
K)	Marker 1	RBW	100 kHz	RF Att	20 dB				
Ref Lvl	ndB	20.00 dB	VBW	300 kHz	:				
10 dBm	BW 2.2	9458918 MHz	SWT	5 ms	Unit	dBm			
10				v ₁ [:	r1] -1	.50 dBm			
				1	2.47454	609 GHz			
0		_		ndB	20	.00 dB			
		$A \setminus A$	\setminus	BW	2.29458	918 MHz			
-10		A Vand		∇_{T}	[T1] -20	.62 dBm			
	T			lux	2.47289 [亞1] -20	279 GHz 1.59 dBm			
-20	<i>)</i>				2.47518	737 GHz			
	, / / I				N	Λ.			
-30	Land of the second					Jun 1			
-40						Mu			
-50									
-60									
-70									
- / 0									
-80									
-90									
Center 2.474 GHz 500 kHz/ Span 5 MHz									
Date: 5.MAR.2022 12:39:40									

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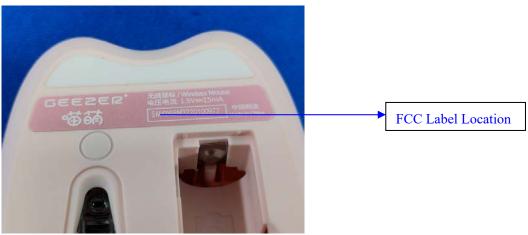


10.0 FCC ID Label

FCC ID: WOX-SM-M3AG

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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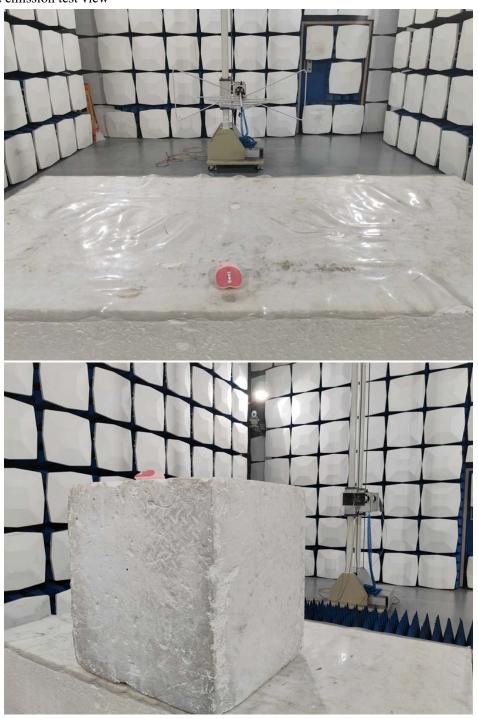
Date: 2022-03-09



11.0 Photo of testing

11.1 Conducted test View-N/A

Radiated emission test view



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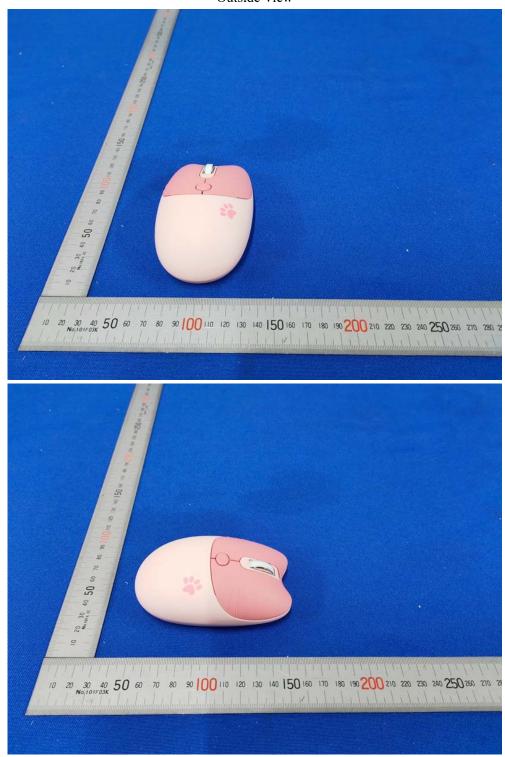
Report No.: TW2202200E

Date: 2022-03-09



11.2 Photographs – EUT

Outside View



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Photographs – EUT

Outside View





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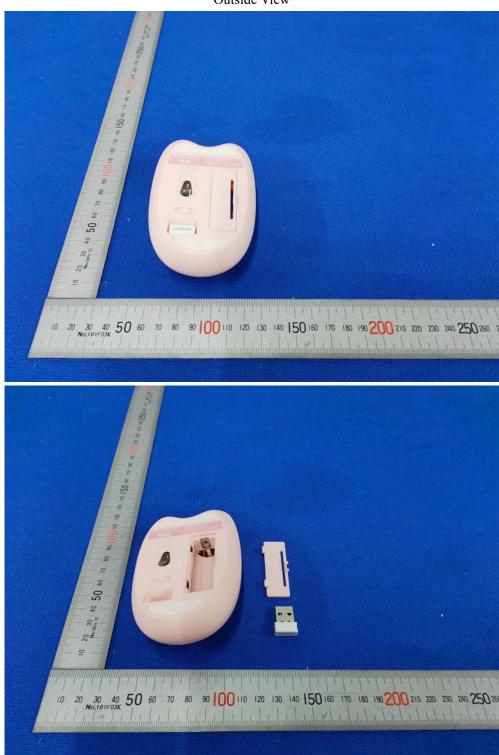
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Outside View



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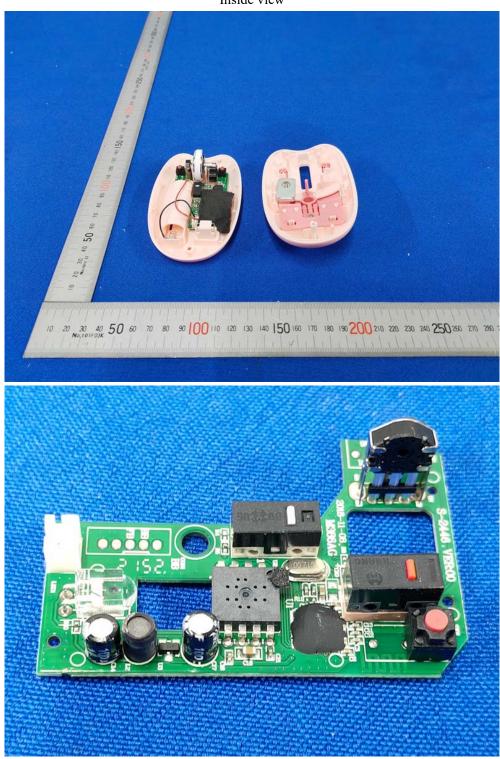
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Inside view



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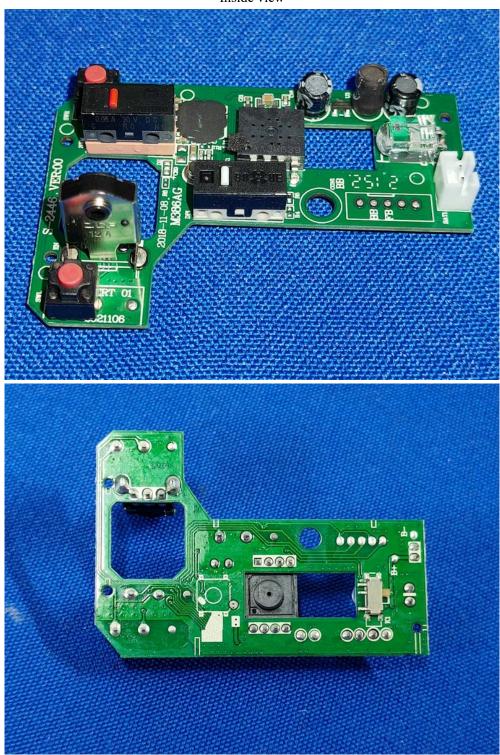
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Inside view



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Inside view



-- End of the report--