

# **TEST REPORT**

FCC ID: TUVDS-2669

**Product: BLADE WIRELESS GAMING MOUSE** 

Model No.: M692

Additional Model: DS-2669

Trade Mark: N/A

Report No.: TCT180105E005

Issued Date: Jan. 11, 2018

Issued for:

Eastern Times Technology Co., Ltd.

Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town,
Dongguan City, Guangdong, China.

Issued By:

Shenzhen Tongce Testing Lab.

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## 1. Test Certification

Product:	BLADE WIF	RELESS GAM	ING MOUSE			
Model No.:	M692		3	(C)		(,C)
Additional Model:	DS-2669					
Trade Mark:	N/A				(C)	
Applicant:	Eastern Tim	nes Technolog	y Co., Ltd.			
Address:			trial Area, Youga langdong, China		Fenggang	
Manufacturer:	Eastern Tim	nes Technolog	y Co., Ltd.			
Address:	Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City, Guangdong, China.					
Date of Test:	Jan. 06, 20	18 – Jan. 10, 2	2018			
Applicable Standards:	FCC CFR T	itle 47 Part 15	Subpart C Sect	ion 15.249		

The above equipment has been tested by Shenzhen Tongce Testing Lab. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:

Brews Yu

Date:

Jan. 10, 2018

Brews Xu

**Tomsin** 

Reviewed By:

Date:

Jan. 11, 2018

Approved By:

Date:

Jan. 11, 2018





# 2. Test Result Summary

Requirement	CFR 47 Section	Result
Antenna Requirement	§15.203	PASS
AC Power Line Conducted Emission	§15.207	N/A
Field Strength of Fundamental	§15.249 (a)	PASS
Spurious Emissions	§2.1053 §15.249 (a) (d)/ §15.209	PASS
Band Edge	§2.1053 §15.249 (d)/ §15.205	PASS
20dB Occupied Bandwidth	§2.1049 §15.215 (c)	PASS

#### Note:

- 1. Pass: Test item meets the requirement.
- 2. Fail: Test item does not meet the requirement.
- 3. N/A: Test case does not apply to the test object.
- 4. The test result judgment is decided by the limit of test standard.





# 3. EUT Description

Product:	BLADE WIRELESS GAMING MOUSE
Model No.:	M692
Additional Model:	DS-2669
Trade Mark:	N/A
Hardware Version:	MA641CE-6dice(TX), MA385E-3(H383)dice(RX)
Software Version:	9580(TX), 751F(RX)
Operation Frequency:	2408 - 2474MHz
Number of Channel:	34
Modulation Technology:	FSK
Antenna Type:	PCB Antenna
Antenna Gain:	1dBi
Power Supply:	DC 1.5V
Remark:	All models above are identical in interior structure, electrical circuits and components, and just model names are different for the marketing requirement.

#### **Operation Frequency Each of Channel**

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2408MHz	10	2428 MHz	20	2448 MHz	30	2468 MHz
(6)1	2410 MHz	11	2430 MHz	21	2450 MHz	31	2470 MHz
2	2412 MHz	12	2432 MHz	22	2452 MHz	32	2472 MHz
3	2414 MHz	13	2434 MHz	23	2454 MHz	33	2474 MHz
4	2416 MHz	14	2436 MHz	24	2456 MHz		
5	2418 MHz	15	2438 MHz	25	2458 MHz		
6	2420 MHz	16	2440 MHz	26	2460 MHz		
7	2422 MHz	17	2442 MHz	27	2462 MHz		
8	2424 MHz	18	2444 MHz	28	2464 MHz	(C)	(¿Ć
9	2426 MHz	19	2446 MHz	29	2466 MHz		

#### Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	2408MHz
The middle channel	2440MHz
The Highest channel	2474MHz



### 4. Genera Information

#### 4.1. Test Environment and Mode

Operating Environment:							
Temperature:	25.0 °C						
Humidity:	54 % RH						
Atmospheric Pressure:	1010 mbar						
Test Mode:							
Engineering mode:	Keep the EUT in continuous transmitting by select channel						

The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

## 4.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
1	1 6	) 1	(6) 1	

#### Note:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.







#### 5. Facilities and Accreditations

#### 5.1. Facilities

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

• FCC - Registration No.: 645098

Shenzhen Tongce Testing Lab

The 3m Semi-anechoic chamber has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

IC - Registration No.: 10668A-1

The 3m Semi-anechoic chamber of Shenzhen TCT Testing Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing

#### 5.2.Location

Shenzhen Tongce Testing Lab

Address: 1B/F., Building 1, Yibaolai Industrial Park, Qiaotou, Fuyong, Baoan District,

Shenzhen, Guangdong, China

TEL: +86-755-27673339

### 5.3. Measurement Uncertainty

The reported uncertainty of measurement y ± U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission	±2.56dB
2	RF power, conducted	±0.12dB
3	Spurious emissions, conducted	±0.11dB
4	All emissions, radiated(<1GHz)	±3.92dB
5	All emissions, radiated(>1GHz)	±4.28dB
6	Temperature	±0.1°C
7	Humidity	±1.0%





#### 6. Test Results and Measurement Data

### 6.1. Antenna Requirement

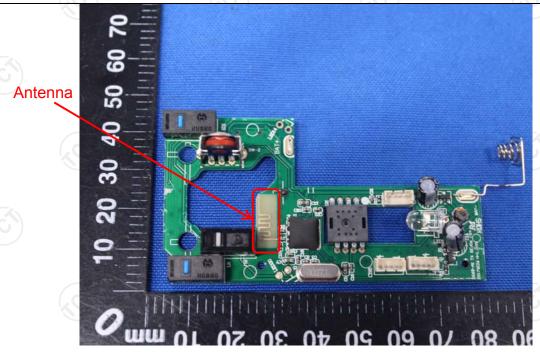
**Standard requirement:** FCC Part15 C Section 15.203

15.203 requirement:

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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

#### **E.U.T Antenna:**

The EUT antenna is PCB antenna which permanently attached, and the best case gain of the antenna is 1dBi.





# **6.2. Conducted Emission**

## 6.2.1. Test Specification

Test Requirement:	FCC Part15 C Section	15 207	(C					
•								
Test Method:	ANSI C63.10:2013							
Frequency Range:	150 kHz to 30 MHz	(6)	(C)					
Receiver setup:	RBW=9 kHz, VBW=30 kHz, Sweep time=auto							
	Frequency range	Limit (	dBuV)					
	(MHz)	Quasi-peak	Average					
Limits:	0.15-0.5	66 to 56*	56 to 46*					
	0.5-5	56	46					
	5-30	60	50					
Test Setup:	AUX Equipment  Test table/Insulation pla  Remark E.U.T: Equipment Under Test LISN: Line Impedence Stabilization Test table height=0.8m	U.T EMI Receiver	Iter — AC power					
Test Mode:	Transmitting mode wit	h modulation						
Test Procedure:	<ol> <li>The E.U.T and simpower through a lin (L.I.S.N.). This primpedance for the normal simpower through a Lagrangian coupling impedance refer to the block photographs).</li> <li>Both sides of A.C conducted interfere emission, the relative the interface cables ANSI C63.10:2013</li> </ol>	e impedance state ovides a 500hm neasuring equipm ces are also connects with 500hm terridiagram of the line are checkence. In order to five positions of equals must be changed.	pilization network n/50uH coupling lent. ected to the main a 50ohm/50uH mination. (Please test setup and led for maximum and the maximum lipment and all of ged according to					
Test Result:	N/A; The EUT is supplied Conducted Emission is		AA battery, so					



## **6.3. Radiated Emission Measurement**

## 6.3.1. Test Specification

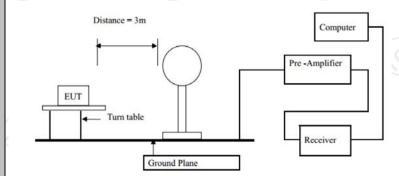
Test Requirement:	FCC Part15	C Section	า 15.209/	Part 2 J	Section 2.1053		
Test Method:	ANSI C63.1	0:2013					
Frequency Range:	9 kHz to 25 GHz						
Measurement Distance:	3 m						
Antenna Polarization:	Horizontal & Vertical						
	Frequency 9kHz- 150kHz	Detector Quasi-peak	RBW 200Hz	VBW 1kHz	Remark Quasi-peak Value		
Receiver Setup:	150kHz- 30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value		
noconon Cotapi	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak Value		
	Above 1GHz	Peak	1MHz	3MHz	Peak Value		
	Above IGHZ	Peak	1MHz	10Hz	Average Value		
	Freque	encv	Limit (dBu\	//m @3m\	Remark		
Limit(Field strength of the			94.	/ 4	Average Value		
fundamental signal):	2400MHz-24	483.5MHz	114		Peak Value		
			1: "(15.)	<u> </u>			
	Freque	-	Limit (dBuV/m @3m)		Remark		
	0.009-0.490		2400/F(KHz) 24000/F(KHz)		Quasi-peak Value  Quasi-peak Value		
	0.490-1.705 1.705-30		30		Quasi-peak Value		
	201117 001117		40.0		Quasi-peak Value		
Limit(Spurious Emissions):	88MHz-216MHz		43	_	Quasi-peak Value		
	216MHz-960MHz		46.0		Quasi-peak Value		
	960MHz-1GHz		54.0		Quasi-peak Value		
			54.0		Average Value		
	Above 1GHz		74.0		Peak Value		
Limit (band edge) :	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.						
Test Procedure:	<ol> <li>The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber in below 1GHz, 1.5m above the ground in above 1GHz. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make</li> </ol>						



the measurement.

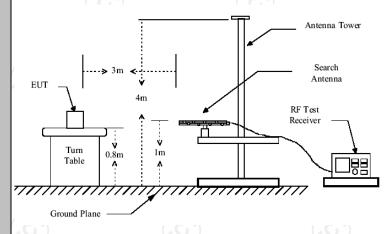
- 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

#### For radiated emissions below 30MHz



#### 30MHz to 1GHz

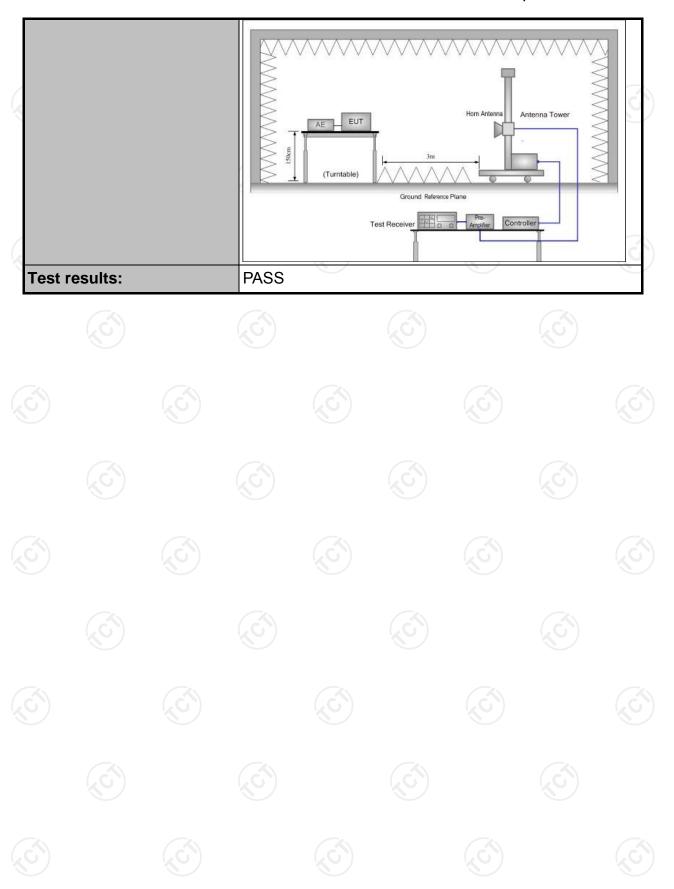
#### **Test setup:**



#### Above 1GHz

(The diagram below shows the test setup that is utilized to make the measurements for emission from 1GHz to the tenth harmonic of the highest fundamental frequency or to 40GHz emissions, whichever is lower.)









#### 6.3.2. Test Instruments

	Radiated Emission Test Site (966)								
Name of Equipment	Manufacturer	Manufacturer Model		Calibration Due					
Test Receiver	ROHDE&SCHW ARZ	ESVD	100008	Sep. 27, 2018					
Spectrum Analyzer	ROHDE&SCHW ARZ	FSQ	200061	Sep. 27, 2018					
Pre-amplifier	EM Electronics Corporation CO.,LTD	EM30265	07032613	Sep. 27, 2018					
Pre-amplifier	HP	8447D	2727A05017	Sep. 27, 2018					
Loop antenna	ZHINAN	ZN30900A	12024	Sep. 27, 2018					
Broadband Antenna	Schwarzbeck	VULB9163	340	Sep. 27, 2018					
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Sep. 27, 2018					
Horn Antenna	Schwarzbeck	BBH 9170	582	Jun. 07, 2018					
Antenna Mast	Keleto	CC-A-4M	N/A	N/A					
Coax cable (9KHz-1GHz)	тст	RE-low-01	N/A	Sep. 27, 2018					
Coax cable (9KHz-40GHz)	тст	RE-high-02	N/A	Sep. 27, 2018					
Coax cable (9KHz-1GHz)	тст	RE-low-03	N/A	Sep. 27, 2018					
Coax cable (9KHz-40GHz)	тст	RE-high-04	N/A	Sep. 27, 2018					
EMI Test Software	Shurple Technology	EZ-EMC	N/A	N/A					

**Note:** The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).





#### 6.3.3. Test Data

#### **Field Strength of Fundamental**

Frequency (MHz)	Emission PK (dBuV/m)	Horizontal /Vertical	Limits PK (dBuV/m)	Margin (dB)
2408	80.19	Н	114	-33.81
2408	74.94	V G	114	-39.06
2440	82.71	Н	114	-31.29
2440	74.62	V	114	-39.38
2474	86.42	(C)H	114	-27.58
2474	76.78	V	114	-37.22

Frequency (MHz)	Emission AV (dBuV/m)	Horizontal /Vertical	Limits AV (dBuV/m)	Margin (dB)
2408	78.13	Н	94	-15.87
2408	72.56	(c)V	94	-21.44
2440	80.54	Н	94	-13.46
2440	72.39	V	94	-21.61
2474	84.25	н 🌾	94	-9.75
2474	74.55	V	94	-19.45

#### **Spurious Emissions**

#### Frequency Range (9 kHz-30MHz)

Frequency (MHz)	Level@3m (dBµV/m)	Limit@3m (dBµV/m)
(C)-	(C) (C)	- <del>(</del> ,C)
<u> </u>		
	(=0)	- C

Note: 1. Emission Level=Reading+ Cable loss-Antenna factor-Amp factor

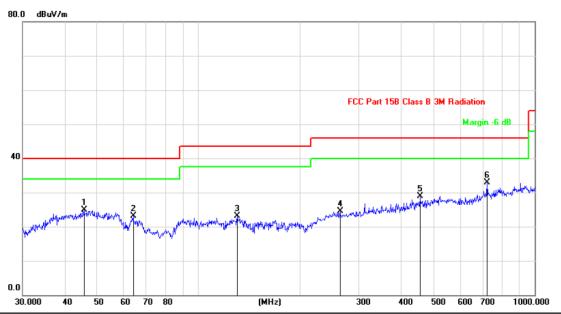
2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement

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#### Frequency Range (30MHz-1GHz)

#### Horizontal:



Limit: FCC Part 15B Class B 3M Radiation

Polarization: Horizontal

Temperature: 2

Power:

Humidity: 55 %

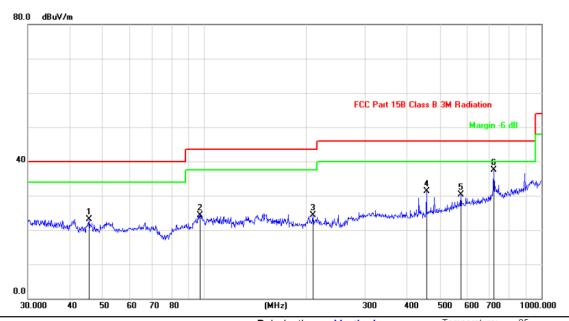
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		45.6948	37.68	-12.71	24.97	40.00	-15.03	peak			
2		63.9827	37.99	-14.95	23.04	40.00	-16.96	peak			
3		130.3788	38.67	-15.61	23.06	43.50	-20.44	peak			
4	:	263.8190	34.65	-10.22	24.43	46.00	-21.57	peak			
5	•	455.9057	33.13	-4.29	28.84	46.00	-17.16	peak			
6	*	721.7259	32.57	0.41	32.98	46.00	-13.02	peak			







#### Vertical:



Site Polarization: Vertical Temperature: 25
Limit: FCC Part 15B Class B 3M Radiation Power: Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		45.5347	35.73	-12.71	23.02	40.00	-16.98	peak			
2		97.1148	36.63	-12.40	24.23	43.50	-19.27	peak			
3		210.0482	36.65	-12.35	24.30	43.50	-19.20	peak			
4		455.9057	35.61	-4.29	31.32	46.00	-14.68	peak			
5		576.6443	31.67	-1.31	30.36	46.00	-15.64	peak			
6	*	721.7259	37.14	0.41	37.55	46.00	-8.45	peak			

**Note:** Measurements were conducted in all channels (high, middle, low), and the worst case (high channel) was submitted only.





#### **Above 1GHz**

1	1 0.400MH													
	Low channel: 2408MHz													
	Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Peak	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)				
	2387.50	Н	53.02		-4.20	48.82		74	54	-5.18				
	4816.00	H	51.42		-3.94	47.48		74	54	-6.52				
	7224.00	Η	50.32		0.52	50.84		74	54	-3.16				
		-												
						/								
	2387.50	V	49.68	-420	-4.20	45.48	(C) <del>]</del> -	74	54	-8.52				
	4816.00	V	47.24		3.94	51.18	<u></u>	74	54	-2.82				
	7224.00	V	45.12		0.52	45.64		74	54	-8.36				

			N	liddle chann	nel: 2440M	Hz			
Eroguopov	Ant Dol	Peak AV		Correction	Emissio	on Level	n Level	AV limit	Margin
Frequency (MHz)	H/V	reading	reading	Factor	Peak	// //		(dBµV/m)	(dB)
(IVIIIZ)	□ / V	(dBµV)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(ασμν/ιιι)	(ασμν/ιιι)	(ub)
4880.00	Н	51.53	-f.ć	-3.98	47.55		74	54	-6.45
7320.00	H	48.94		0.57	49.51		74	54	-4.49
					-				
<b></b>		<i>/</i> /			X				
( )		$(C_{i}, C_{i})$		120	(* (		$(C_{\mathcal{O}})$		
4880.00	V	52.74		-3.98	48.76		74	54	-5.24
7320.00	V	50.22		0.57	50.79		74	54	-3.21
				\	/	<del></del>			
	(O)		770	)	\	(O-J-			

	High channel: 2474MHz											
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Peak	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)			
2486.58	Н	52.74		-2.38	50.36		74	54	-3.64			
4948.00	Н	51.86		-3.98	47.88		74	54	-6.12			
7422.00	Н	49.04		0.57	49.61		74	54	-4.39			
	(-2-)		- <del>-</del> c			(		<del>(</del> c)				
,					,							
2483.51	V	52.62		-2.38	50.24		74	54	-3.76			
4948.00	V	51.43		-3.98	47.45		74	54	-6.55			
7422.00	V	50.28		0.57	50.85		74	54	-3.15			
(C)		( <sub>2</sub> C <sub>3</sub> )		(_(	(`ر		(¿ <del>G</del> `)		{ <sub>2</sub> G			

#### Note:

- 1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss Pre-amplifier
- 2.  $Margin (dB) = Emission Level (Peak) (dB\mu V/m)-Average limit (dB\mu V/m)$
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

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#### **Band Edge Requirement**

Low chann	Low channel: 2408 MHz											
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Peak		Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)			
2400	Н	50.24	/	-4.2	46.04		74		-27.96			
2400	Н		41.08	-4.2	)	36.88		54	-17.12			
2400	V	49.55	(	-4.2	45.35		74	(-6)	-28.65			
2400	V		40.53	-4.2		36.33		54	-17.67			

High chann	High channel: 2474MHz											
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	AV	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)			
2483.5	H	51.75	/	-4.2	47.55	( <del>**</del> )	74		-26.45			
2483.5	(H)		40.47	-4.2		36.27		54	-17.73			
			-	<u> </u>	I			-				
2483.5	٧	48.61		-4.2	44.41		74		-29.59			
2483.5	V	+ 6	39.24	-4.2		35.04	(	54	-18.96			
<u> </u>		-140	/		<del>-</del> -		(40)		🖔			

#### Note:

- 1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss Pre-amplifier
- 2.  $Margin (dB) = Emission Level (Peak/Average)(dB\mu V/m)-(Peak/Average) limit (dB\mu V/m)$
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.





# 6.4.20dB Occupied Bandwidth

## 6.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.215(c)/ Part 2 J Section 2.1049
Test Method:	ANSI C63.10: 2013
Limit:	N/A
	<ol> <li>According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>Use the following spectrum analyzer settings for 20dB Bandwidth measurement.         Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel; RBW≥1% of the 20 dB bandwidth;         VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold.     </li> <li>Measure and record the results in the test report.</li> </ol>
Test setup:	Spectrum Analyzer EUT
Test Mode:	Transmitting mode with modulation
Test results:	PASS
/ 4	

#### 6.4.2. Test Instruments

RF Test Room										
Equipment Manufacturer Model Serial Number Calibration Due										
Spectrum Analyzer	R&S	FSU	200054	Sep. 27, 2018						

**Note:** The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).





#### 6.4.3. Test data

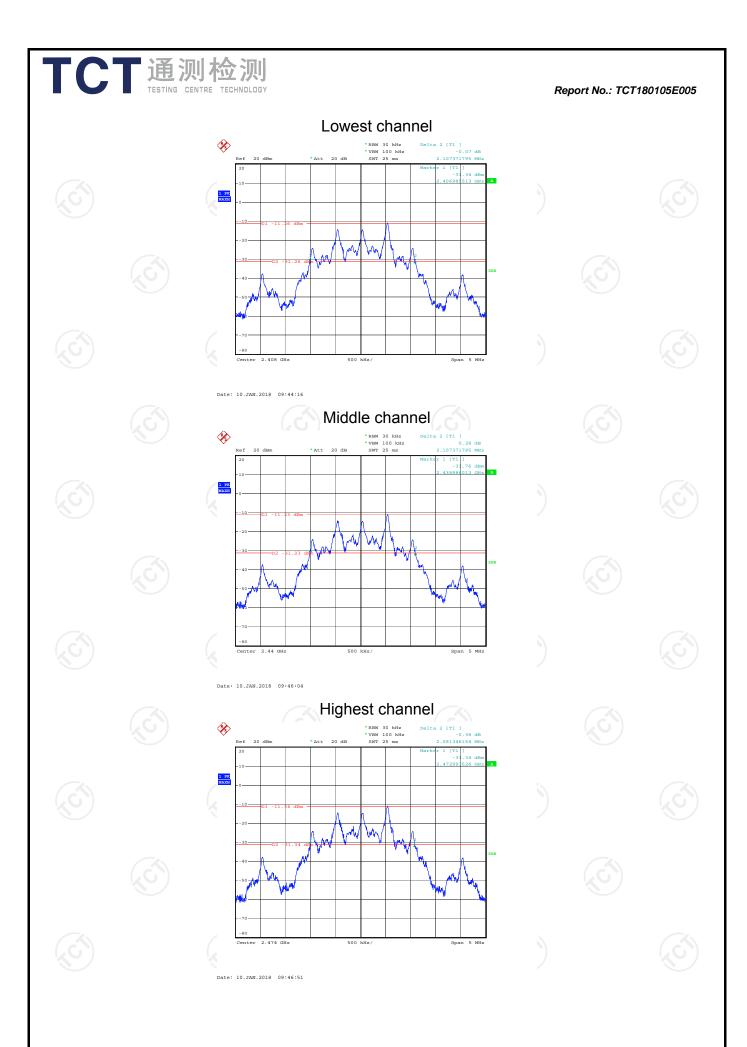
Test Channel	20dB Occupy Bandwidth (kHz)	Limit	Conclusion
Lowest	2107.37	(8)	PASS
Middle	2107.37		PASS
Highest	2091.35		PASS

### Test plots as follows:



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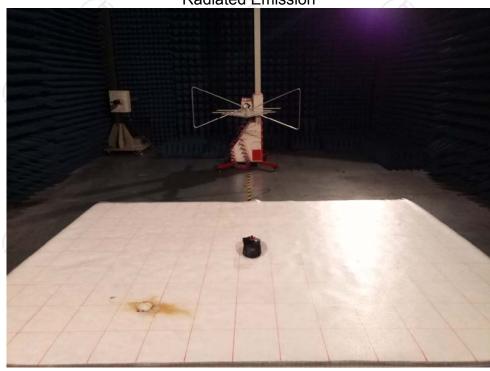
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com





# **Appendix A: Photographs of Test Setup**Product: BLADE WIRELESS GAMING MOUSE

Model: M692 **Radiated Emission** 







# **Appendix B: Photographs of EUT Product: BLADE WIRELESS GAMING MOUSE**

Model: M692 External Photos













# TCT通测检测 TESTING CENTRE TECHNOLOGY

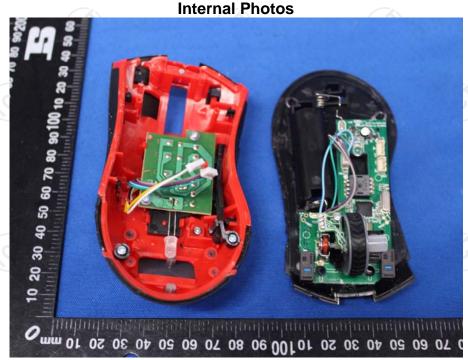


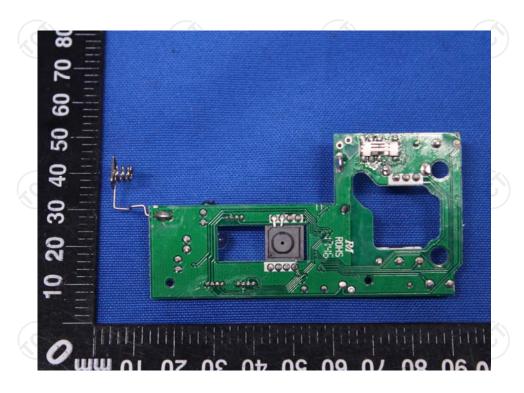






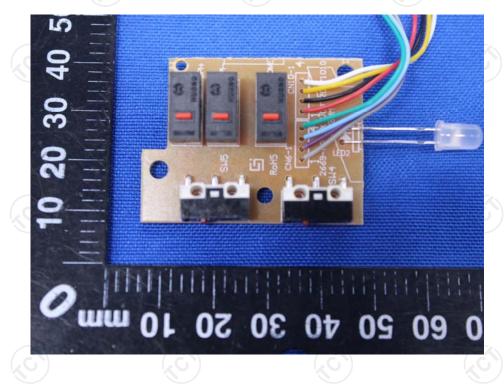
# Product: BLADE WIRELESS GAMING MOUSE Model: M692





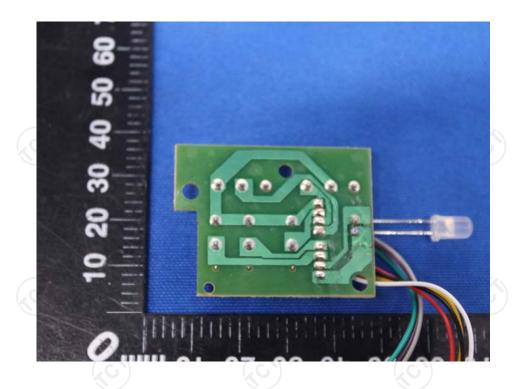


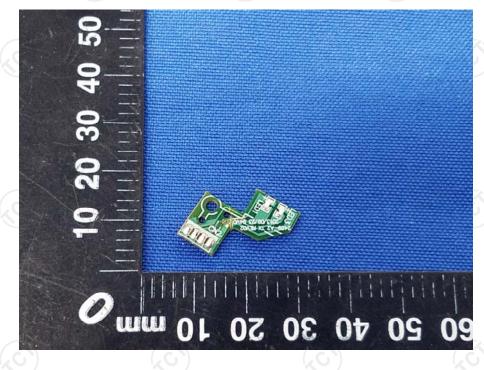




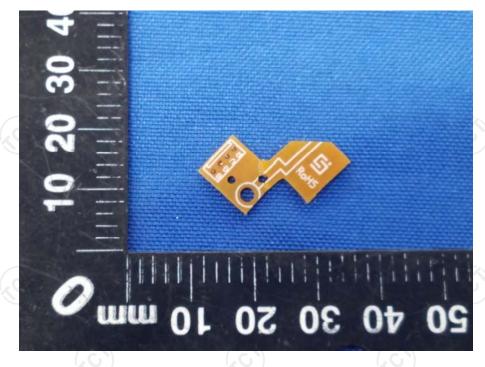












# \*\*\*\*\*END OF REPORT\*\*\*\*











