# TEST REPORT

FCC ID: YVYHM8179 Product: Wireless Optical Mouse Model No.: HM8179 Additional Model: N/A Trade Mark: N/A Report No.: TCT170522E032 Issued Date: Jun. 07, 2017

Zaidtek Electronic Technology (Xiamen) Co., Ltd. No.285, Wengjiao Road, Haicang District, Xiamen, Fijian, China

Issued for:

Issued By:

Shenzhen Tongce Testing Lab. 1F, Leinuo Watch Building, Fuyong Town, Baoan Dist, Shenzhen, China TEL: +86-755-27673339 FAX: +86-755-27673332

Note: This report shall not be reproduced except in full, without the written approval of Shenzhen Tongce Testing Lab. This document may be altered or revised by Shenzhen Tongce Testing Lab. personnel only, and shall be noted in the revision section of the document. The test results in the report only apply to the tested sample.

# TABLE OF CONTENTS

TCT通测检测 TESTING CENTRE TECHNOLOGY

1. Test Cert	tification					
	ult Summai					
	cription					
	nformation.					
	vironment and otion of Support					
	and Accre					
	es					
	on					
5.3. Measur	rement Uncertai	nty				7
	ults and Me					
	a Requirement.					
	cted Emission ed Emission Mea					
	ccupied Bandw					-
Appendix A:	Photograp	hs of Tes	t Setup			
Appendix B:	Photograp	hs of EU	г			
					Page	2 of 26

#### **Test Certification** 1.

Product:	Wireless Optical Mouse	
Model No.:	HM8179	
Additional Model:	N/A	
Trade Mark:	N/A (c) (c)	
Applicant:	Zaidtek Electronic Technology (Xiamen) Co., Ltd.	
Address:	No.285, Wengjiao Road, Haicang District, Xiamen, Fijian, China	(C
Manufacturer:	Zaidtek Electronic Technology (Xiamen) Co., Ltd.	
Address:	No.285, Wengjiao Road, Haicang District, Xiamen, Fijian, China	
Date of Test:	May 23, 2017 – Jun. 06, 2017	
Applicable Standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.249	(c

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:

Garen **Reviewed By:** 

Joe Zhou

Approved By:

Tomsin

Jun. 06, 2017 Date:

Date: Jun. 07, 2017



# 2. Test Result Summary

	irement		CFR 47 Se	ection		Result		
Antenna Requirement			§15.20	)3	PASS			
AC Power Line Conducted Emission		$(\mathcal{S})$	§15.207			N/A		
	Strength of lamental		§15.249	(a)		PASS		
Spurious	s Emissions	§15	§2.105 5.249 (a) (d)		S	PASS	<b>C</b>	
Ban	d Edge	§1	§2.105 /(15.249			PASS		
20dB Occup	pied Bandwidth		§2.104 §15.215			PASS		
	item meets the requir em does not meet the							
	ase does not apply to sult judgment is decio			d.				

#### **EUT Description** 3.

Product:	Wireless Optical Mouse
Model No.:	HM8179
Additional Model:	N/A
Trade Mark:	N/A
Hardware Version:	V1.2
Software Version:	V1.1
<b>Operation Frequency:</b>	2405MHz - 2470MHz
Number of Channel:	34
Modulation Technology:	GFSK
Antenna Type:	Integral PCB Antenna
Antenna Gain:	-3.56dBi
Power Supply:	DC 1.5V by AAA battery

# **Operation Frequency Each of Channel**

Deeration Frequency Each of Channel								
Operation Frequency each of channel								
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency	
1	2405MHz	11	2424MHz	21	2444MHz	31	2464MHz	
2	2406MHz	12	2426MHz	22	2446MHz	32	2466MHz	
3	2408MHz	13	2428MHz	23	2448MHz	33	2468MHz	
4	2410MHz	14	2430MHz	24	2450MHz	34	2470MHz	
5	2412MHz	15	2432MHz	25	2452MHz			
6	2414MHz	16	2434MHz	26	2454MHz			
7	2416MHz	17	2436MHz	27	2456MHz			
8	2418MHz	18	2438MHz	28	2458MHz			
9	2420MHz	19	2440MHz	29	2460MHz			
10	2422MHz	20	2442MHz	30	2462MHz		C	
Remark: (	Channel 1, 1	4 and 34	are selected	to perfor	m the tests.			

#### 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	2405MHz
The middle channel	2430MHz
The Highest channel	2470MHz

# 4.1. Test Environment and Mode

**「CT**通测检测 TESTING CENTRE TECHNOLOGY

4.

Operating Environment:	
Temperature:	25.0 °C
Humidity:	54 % RH
Atmospheric Pressure:	1010 mbar
Test Mode:	

Engineering mode: 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		) /		

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.

Report No.: TCT170522E032

# 5. Facilities and Accreditations

# 5.1.Facilities

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

• FCC - Registration No.: 572331

TCT通测检测 TESTING CENTRE TECHNOLOGY

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

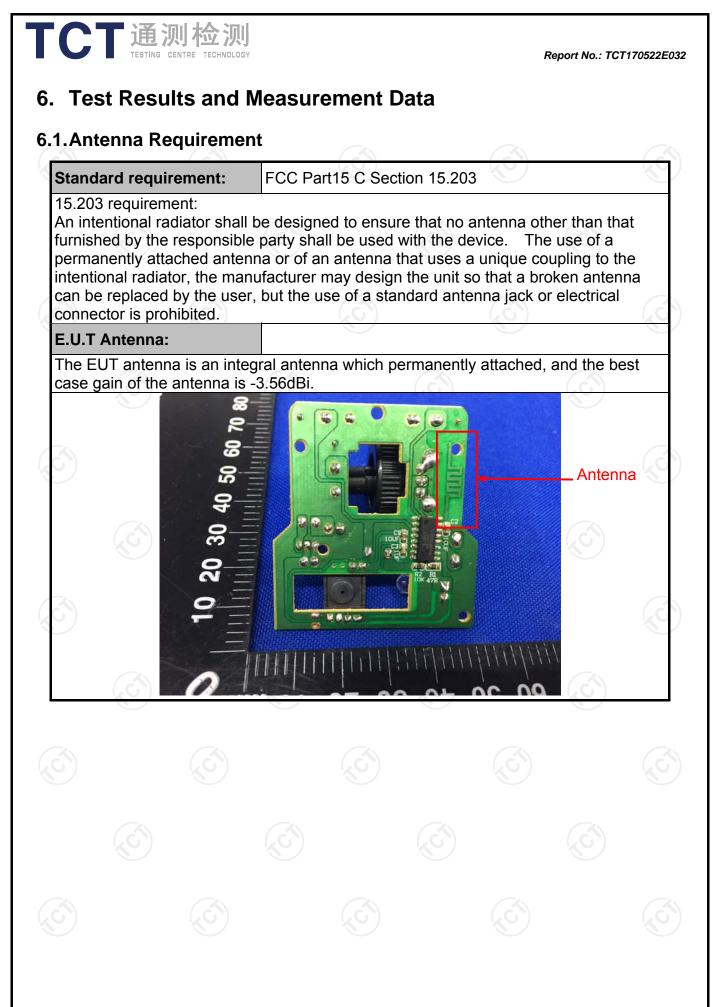
Shenzhen Tongce Testing Lab

Address: 1F, Leinuo Watch Building, Fuyong Town, Baoan Dist, Shenzhen, China TEL: +86-755-27673339

# 5.3. Measurement Uncertainty

The reported uncertainty of measurement  $y \pm U$ , 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%



Page 8 of 26

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

 Frequency Range:
 150 kHz to 30 MHz

 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\*

Limits:	0.15-0.5	66 to 56^	56 to 46^					
	0.5-5	56	46					
	5-30	60	50					
	Refere	nce Plane						
Test Setup:	LISN       40cm       80cm       LISN         AUX       Filter       AC power         Equipment       E.U.T       EMI         Test table/Insulation plane       EMI         Remark:       E.U.T: Equipment Under Test         LISN: Line Impedence Stabilization Network         Test table height=0.8m							
Test Mode:	Transmitting mode with modulation							
Test Procedure:	<ol> <li>The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment.</li> <li>The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs).</li> <li>Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of</li> </ol>							

Report No.: TCT170522E032

**6.2.Conducted Emission** 

6.2.1. Test Specification

# 6.3. Radiated Emission Measurement

# 6.3.1. Test Specification

TCT 通测检测 TESTING CENTRE TECHNOLOGY

Test Requirement:	FCC Part15	C Section	n 15.209/	Part 2 J	Section 2.1053		
Test Method:	ANSI C63.10:2013						
Frequency Range:	9 kHz to 25 GHz						
Measurement Distance:	3 m	<u> </u>					
Antenna Polarization:	Horizontal & Vertical						
	Frequency	Detector	RBW	VBW	Remark		
	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value		
Receiver Setup:	150kHz- 30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value		
•	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak Value		
	Above 1GHz	Peak	1MHz	3MHz	Peak Value		
	Above foriz	Peak	1MHz	10Hz	Average Value		
Limit(Field strength of the	Freque	ency	Limit (dBu	//m @3m)	Remark		
fundamental signal):	2400MHz-24	483 5MHz	94.		Average Value		
randamontal orginaly.			114.00		Peak Value		
	Frequency		Limit (dBuV/m @3m)		Remark		
	0.009-0.490		2400/F(KHz)		Quasi-peak Value		
	0.490-1.705		24000/F(KHz)		Quasi-peak Value		
	1.705-30		<u> </u>		Quasi-peak Value		
Limit(Spurious Emissions):	30MHz-88MHz 88MHz-216MHz		40 43		Quasi-peak Value Quasi-peak Value		
	216MHz-960MHz		43		Quasi-peak Value		
	960MHz-1GHz		54		Quasi-peak Value		
	Above 1GHz		54		Average Value		
	Above	IGHZ	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:	<ul> <li>whichever is the lesser attenuation.</li> <li>1. 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>2. 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>3. 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> </ul>						

	<ul> <li>the measurement.</li> <li>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.</li> <li>5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>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.</li> </ul>
	For radiated emissions below 30MHz
Test setup:	30MHz to 1GHz
	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.)

# EXEMPT EXEMPTER EXEMPT EXEMPTER EXEMPT EXEMPTER EXEMPT EXEMPTER EXEMPT EXEMPT

# 6.3.2. Test Instruments

o.z. rest instrument	( ( )			
ESPI Test Receiver	ROHDE&SCHW ARZ	ESVD	100008	Aug. 11, 2017
Spectrum Analyzer	ROHDE&SCHW ARZ	FSEM	848597/001	Aug. 11, 2017
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 12, 2017
Pre-amplifier	EM Electronics Corporation CO.,LTD	EM30265	07032613	Aug. 11, 2017
Pre-amplifier	HP	8447D	2727A05017	Aug. 11, 2017
Loop antenna	ZHINAN	ZN30900A	12024	Aug. 13, 2017
Broadband Antenna	Schwarzbeck	VULB9163	340	Aug. 13, 2017
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Aug. 13, 2017
Horn Antenna	Schwarzbeck	BBHA 9170	373	Aug. 13, 2017
Coax cable	ТСТ	RE-low-01	N/A	Aug. 11, 2017
Coax cable	тст	RE-high-02	N/A	Aug. 11, 2017
Coax cable	тст	RE-low-03	N/A	Aug. 11, 2017
Coax cable	тст	RE-high-04	N/A	Aug. 11, 2017
Antenna Mast	CCS	CC-A-4M	N/A	N/A
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/AV (dBuV/m)	Horizontal /Vertical	Limits PK/AV (dBuV/m)	Margin (dB)
2405	86.25(PK)	Н	114/94	-27.75
2405	77.68(AV)	H C	114/94	-16.32
2430	86.09(PK)	Н	114/94	-27.91
2430	77.43(AV)	Н	114/94	-16.57
2470	87.44(PK)	(G)H	114/94	-26.56
2470	76.73(AV)	Н	114/94	-17.27
2405	86.60(PK)	V	114/94	-27.40
2405	76.10(AV)	V	114/94	-17.90
2430	87.56(PK)	V	114/94	-26.44
2430	76.83(AV)	V	114/94	-17.17
2470	86.88(PK)	V	114/94	-27.12
2470	77.50(AV)	V	114/94	-16.50

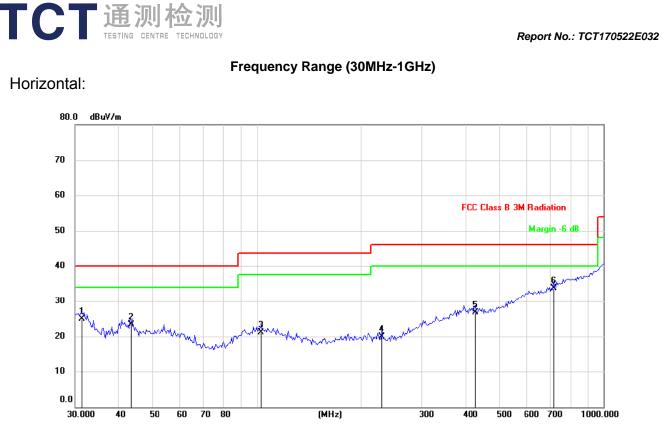
#### **Spurious Emissions**

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

Frequency (MHz)	Level@3m (dBµV/m)	Limit@3m (dBµV/m)
	(1)	
(c)	$(\mathcal{O}) - (\mathcal{O})$	-(3)

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



Site					Polari	zation:	Horizor	ntal	Tempe	erature: 25	
Limit: FC	CC Class B	3M Radiat	ion		Power	DC	1.5V		Humid	lity: 55 %	
No. Mk.	Frea.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna	Table Degree		
NO. WIK.	Tieq.	Level	Factor	meni	Linne	0101		Height	Degree		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1	31.2919	32.79	-7.89	24.90	40.00	-15.10	QP				

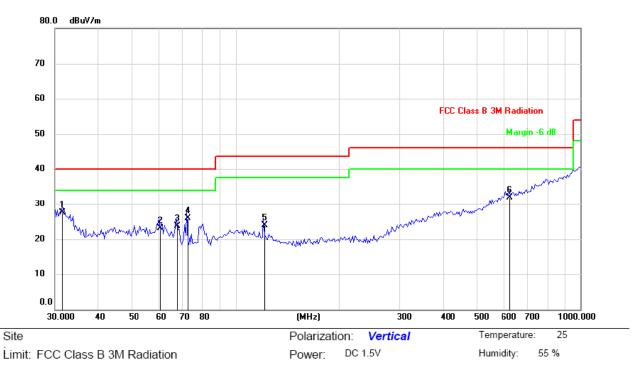
2	43.2333	30.25	-6.95	23.30	40.00	-16.70	QP
3	102.6117	27.67	-6.57	21.10	43.50	-22.40	QP
4	230.2295	28.96	-9.06	19.90	46.00	-26.10	QP
5	427.2920	28.34	-1.64	26.70	46.00	-19.30	QP
6 *	718.7246	29.49	4.21	33.70	46.00	-12.30	QP

Page 14 of 26



#### Vertical:

TCT通测检测 TESTING CENTRE TECHNOLOGY



No. N	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1 *	*	31.5126	35.37	-7.87	27.50	40.00	-12.50	QP			
2		60.1528	30.59	-7.49	23.10	40.00	-16.90	QP			
3		67.3109	33.92	-10.12	23.80	40.00	-16.20	QP			
4		72.2111	37.00	-11.10	25.90	40.00	-14.10	QP			
5	1	120.6118	32.72	-8.82	23.90	43.50	-19.60	QP			
6	6	624.4897	29.22	2.68	31.90	46.00	-14.10	QP			

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

Page 15 of 26

Report No.: TCT170522E032

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

				Low channe	l: 2405 MF	łz			
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	50.67		-4.20	46.47		74.00	54.00	-7.53
2387.50	Н		48.19	-4.20	J	43.99	74.00	54.00	-10.01
4810.00	Н	52.48		-3.94	48.54		74.00	54.00	-5.46
7215.00	Н	46.65		0.52	47.17		74.00	54.00	-6.83
	(20)		U S			Ĵ, Ĉ			
2387.50	V	50.36		-4.20	46.16		74.00	54.00	-7.84
2387.50	V		49.43	-4.20		45.23	74.00	54.00	-8.77
4810.00	V	46.62		-3.94	42.68		74.00	54.00	-11.32
7215.00	V	48.27		0.52	47.79		74.00	54.00	-6.21
<u> </u>					)				

Above 1GHz

CT通测检测 TESTING CENTRE TECHNOLOGY

			Μ	liddle chann	el: 2430 M	lHz			
Frequency	Ant Dol	Peak	AV	Correction	Emissio	on Level	Peak limit	A)/ limit	Morgin
(MHz)	H/V	reading	reading	Factor	Peak	AV		(dBµV/m)	Margin (dB)
(11112)	1 I/ V	(dBµV)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(uph v/m)	(ubµv/iii)	(ub)
4860.00	Н	51.29		-3.98	47.31		74.00	54.00	-6.69
7290.00	Н	48.80		0.57	49.37		74.00	54.00	-4.63
G`)		()		(.0			( Gr		
<u> </u>				<	ノ				
							74.00	54.00	
4860.00	V	51.09		-3.98	47.11		74.00	54.00	-6.89
7290.00	V	49.34		0.57	49.91		74.00	54.00	-4.09
			-420	<b>`)</b>		<u>(C)</u>			

			ł	High channe	el: 2470 MI	Ηz			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissio Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBuV/m)	AV limit (dBµV/m)	Margin (dB)
2483.50	Н	50.08		-2.38	47.70		74.00	54.00	-6.30
2483.50	H		46.34	-2.38		43.96	74.00	54.00	-10.04
4940.00	K H	50.62		-3.98	46.64	<u>~</u>	74.00	54.00	-7.36
7410.00	Н	49.57		0.57	50.14		74.00	54.00	-3.86
				/					
2483.50	V	52.61		-2.38	49.23		74.00	54.00	-4.77
2483.50	V	ł	45.25	-2.38 🔍	J	42.87	74.00	54.00	-11.13
4940.00	V	51.83		-3.98	47.85		74.00	54.00	-6.15
7410.00	V	47.24		0.57	47.81		74.00	54.00	-6.19
	( <del>4</del>					( <del></del>		-	
Nata									

#### 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.

Page 16 of 26

#### Band Edge Requirement

TCT通测检测 TEGTING CENTRE TECHNOLOGY

Low chann	el: 2405 M	1Hz								1
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)	
2400	Н	52.30	/	-4.2	48.10		74.00		-25.90	${f ega}$
2400	Н		42.35	-4.2		38.15		54.00	-15.85	-
2400	V	48.50	(	-4.2	44.30		74.00		-29.70	
2400	V		43.62	-4.2		39.42		54.00	-14.58	

#### High channel: 2/70 MHz

-ligh chanr	nel: 2470 M	ЛНZ							
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissio Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
2483.5	H	52.45		-4.2	48.25		74.00		-25.75
2483.5			40.07	-4.2		35.87		54.00	-18.13
			~						
2483.5	V	51.66		-4.2	47.46		74.00		-26.54
2483.5	V		41.75	-4.2		37.55		54.00	-16.45
		<u> </u>	/						

#### Note:

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak/Average)(dBµV/m)-(Peak/Average) limit (dBµV/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.

Page 17 of 26

# 6.4.20dB Occupied Bandwidth

# 6.4.1. Test Specification

TCT通测检测 TECTING CENTRE TECHNOLOGY

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		

# 6.4.2. Test Instruments

	RF Test Room				
0	Equipment	Manufacturer	Model	Serial Number	Calibration Due
	Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 12, 2017

**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
8	Lowest	162.66	6	PASS
	Middle	150.64		PASS
	Highest	145.83		PASS
-				

Test plots as follows:

Test plots as follo	ows:			
<u>Hotline: 400-661</u>	<u>1-140 Tel: 86-7</u>	7 <u>55-27673339 Fax</u>	<u>: 86-755-27673332</u>	Page 19 of 26 <u>http://www.tct-lab.com</u>

