TEST REPORT

FCC ID: 2ACJARLTP60XX

Product: Smartphone

Model No.: RLTP6067

Additional Model: RLTP60XX(XX can be changed from 00 to 99), HN-MPX6000, HN-MPX60XX(XX can be changed from 00 to 99)

> Trade Mark: N/A Report No.: TCT160817E014 Issued Date: Aug. 31, 2016

> > Issued for:

ShenZhen Harmony Technology Co., Ltd Block 2, Jiayuan Industrial Zone, Heping Community high-tech Park, No 2 Fuyuan Road, Fuyong, Bao'an, Shenzhen,China

Issued By:

Shenzhen Tongce Testing Lab.

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

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TABLE OF CONTENTS

TCT通测检测 TECTING CENTRE TECHNOLOGY

1.	Test Certification				
2.	Test Result Summary		<u>(</u> (C))		4
3.	EUT Description				5
4.	Genera Information				6
	4.1. Test environment and mode	\sim			6
	4.2. Description of Support Units				6
5.	Facilities and Accreditations		<u>(6</u>)		
	5.1. Facilities				
	5.2. Location	····			7
	5.3. Measurement Uncertainty	<u>(6</u>)		<u>(6</u>)	7
6.	Test Results and Measurement Data				8
	6.1. Antenna requirement				
	6.2. Conducted Emission				9
	6.3. Conducted Output Power				13
	6.4. Emission Bandwidth				
	6.5. Power Spectral Density	\sim			19
	6.6. Test Specification				19
	6.7. Conducted Band Edge and Spurious Emi				
	6.8. Radiated Spurious Emission Measurement	nt			
Ap	ppendix A: Photographs of Test Setup				
Α	ppendix B: Photographs of EUT				

TCT通测检测 1. Test Certification

Product:	Smartphone
Model No.:	RLTP6067
Additional Model No.:	RLTP60XX(XX can be changed from 00 to 99), HN-MPX6000, HN-MPX60XX(XX can be changed from 00 to 99)
Applicant:	ShenZhen Harmony Technology Co., Ltd
Address:	Block 2, Jiayuan Industrial Zone, Heping Community high-tech Park, No 2 Fuyuan Road, Fuyong, Bao'an, Shenzhen, China
Manufacturer:	ShenZhen Harmony Technology Co., Ltd
Address:	Block 2, Jiayuan Industrial Zone, Heping Community high-tech Park, No 2 Fuyuan Road, Fuyong, Bao'an, Shenzhen, China
Date of Test:	Aug. 17 - Aug. 30, 2016
Applicable Standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247 KDB 558074 D01 DTS Meas Guidance v03r05

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:	Beny Than	Date:	Aug. 30, 2016	
	Beryl Zhao		C)	
Reviewed By:	Zonohme	Date:	Aug. 31, 2016	
(C) -	Joe Zhou	<u> </u>	Ó	
Approved By:	Tomsin	Date:	Aug. 31, 2016	
	Tomsin		S)	K



2. Test Result Summary

Requir	rement		CFR 47 Section	on		Result	
Antenna re	equirement	Ş	15.203/§15.24	7 (c)	K	PASS	N.
	ne Conducted	(3)	§15.207	<u>(</u>		PASS	
	Peak Output wer		§15.247 (b)(3 §2.1046	3)		PASS	
6dB Emissio	n Bandwidth		§15.247 (a)(2 §2.1049	2)	Ś	PASS	
Power Spec	ctral Density		§15.247 (e)			PASS	
Band	Edge		1§5.247(d) §2.1051, §2.10			PASS	
5)			§15.205/§15.2		Ó	PASS	K.
	Emission em meets the requir n does not meet the	ement.	§2.1053, §2.10	057		Ś	
lote: 1. PASS: Test it 2. Fail: Test iten 3. N/A: Test cas	em meets the requir	ement. requirement. the test objec	ct.	057			
lote: 1. PASS: Test it 2. Fail: Test iten 3. N/A: Test cas	em meets the requir n does not meet the re does not apply to	ement. requirement. the test objec	ct.	057 C			
lote: 1. PASS: Test it 2. Fail: Test iten 3. N/A: Test cas	em meets the requir n does not meet the re does not apply to	ement. requirement. the test objec	ct.	057			
lote: 1. PASS: Test it 2. Fail: Test iten 3. N/A: Test cas 4. The test resu	em meets the requir n does not meet the re does not apply to It judgment is decide	ement. requirement. the test objec	ct. t of test standard.	057			



3. EUT Description

Product Name:	Smartphone
	RLTP6067
Model :	RLIP0007
Additional Model:	RLTP60XX(XX can be changed from 00 to 99), HN-MPX6000, HN-MPX60XX(XX can be changed from 00 to 99)
Trade Mark:	N/A
Hardware Version:	AL_x5s_MB_V10
Software Version:	x5s_a_x60_20160804_0114
BT Version:	4.0(This report is for V4.0)
Operation Frequency:	2402MHz~2480MHz
Channel Separation:	2MHz
Number of Channel:	40
Modulation Technology:	GFSK
Antenna Type:	PIFA Antenna
Antenna Gain:	0.5dBi
Power Supply:	Adapter Information: MODEL: XRN-AC01 INPUT: AC100-240V~50/60Hz 0.1A OUTPUT: DC5V±0.5A , 1000mA±50mA
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	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
	~~···		~~		<u> </u>		(k)
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz
Remark:	Channel 0, 1	9 & 39 ha	ave been tes	sted.			

4. Genera Information

4.1. Test environment and mode

Operating Environment:					
Temperature:	25.0 °C	C			
Humidity:	56 % RH				
Atmospheric Pressure:	1010 mbar	KO)			
Test Mode:					

Test Mode:

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	S 1	5) /	

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.

3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.



5.1. Facilities

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

- FCC Registration No.: 572331
 - 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

CNAS - Registration No.: CNAS L6165

Shenzhen TCT Testing Technology Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6165.

5.2. Location

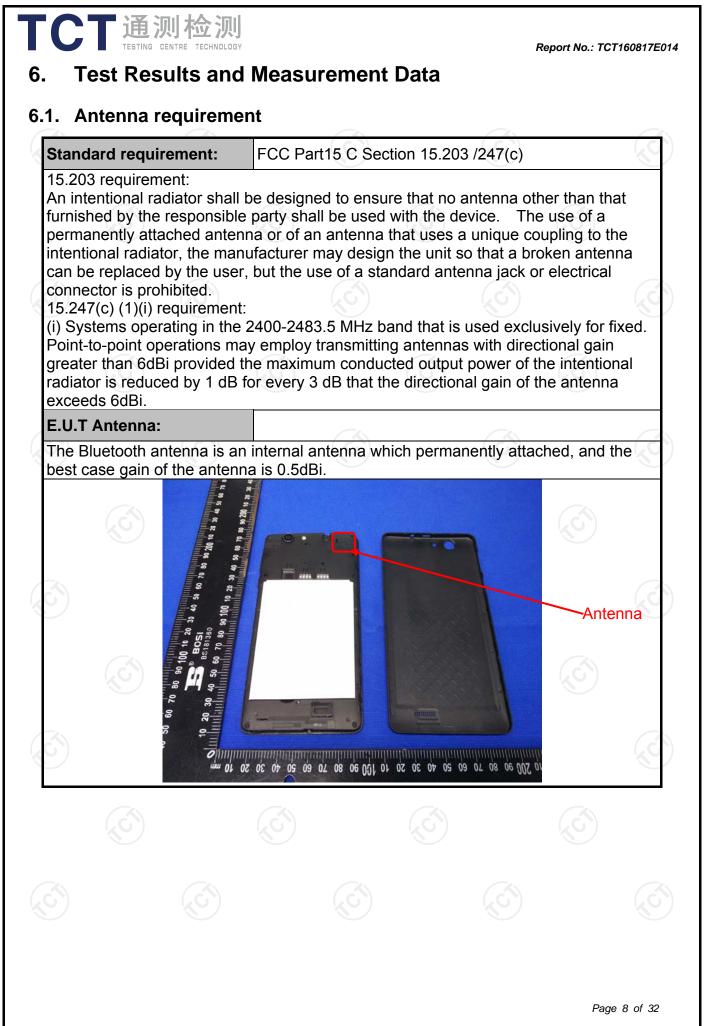
Shenzhen Tongce Testing Lab

Address: 1F, Leinuo Watch Building, Fuyong Town, Baoan Dist, Shenzhen, China Tel: 86-755-36638142

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(<1G)	±3.92dB
5	All emissions, radiated(>1G)	±4.28dB
6	Temperature	±0.1°C
7	Humidity	±1.0%



6.2. Conducted Emission

6.2.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.207					
Test Method:	ANSI C63.10:2013					
Frequency Range:	150 kHz to 30 MHz	150 kHz to 30 MHz				
Receiver setup:	RBW=9 kHz, VBW=3	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			
	Reference	ce Plane				
Test Setup:	E.U.T AC pow Test table/Insulation plane Remark E.U.T: Equipment Under Test LISN: Line Impedence Stabilization I Test table height=0.8m	e EMI Receiver	- AC power			
Test Mode:	Charging + Transmitti	ng Mode				
	 The E.U.T and simpower through a line (L.I.S.N.). This primpedance for the r The peripheral deving ower through a L 	ne impedance stat rovides a 50ohm measuring equipm ices are also conne	bilization network n/50uH coupling ent. ected to the main			
Test Procedure:	coupling impedance refer to the block photographs). 3. Both sides of A.C conducted interfere emission, the relative the interface cable ANSI C63.10: 2013	e with 50ohm tern diagram of the c. line are checke ence. In order to fin ve positions of equ es must be chang	nination. (Please test setup and ed for maximun nd the maximun ipment and all o jed according to			

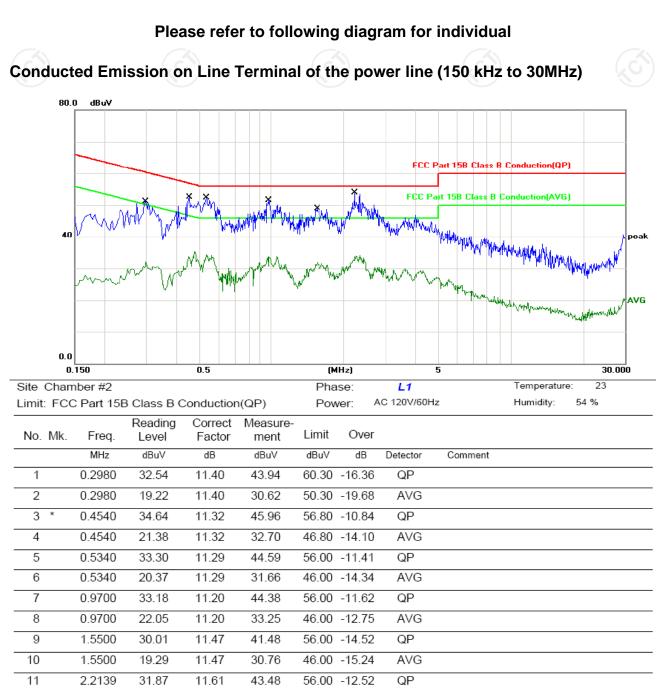
6.2.2. Test Instruments

Conducted Emission Shielding Room Test Site (843)									
Equipment	Manufacturer	Model	Serial Number	Calibration Due					
EMI Test Receiver	R&S	ESCS30	100139	Aug. 11, 2017					
LISN	Schwarzbeck	NSLK 8126	8126453	Aug. 16, 2017					
Coax cable	тст	CE-05	N/A	Aug. 11, 2017					
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).

Page 10 of 32

6.2.3. Test data



Note:

12

2.2139

21.13

11.61

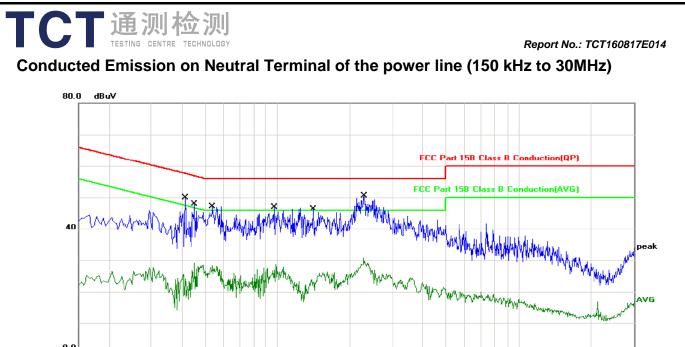
Freq. = Emission frequency in MHz Reading level ($dB\mu V$) = Receiver reading Corr. Factor (dB) = Antenna factor + Cable loss Measurement ($dB\mu V$) = Reading level ($dB\mu V$) + Corr. Factor (dB) Limit ($dB\mu V$) = Limit stated in standard Margin (dB) = Measurement ($dB\mu V$) – Limits ($dB\mu V$) Q.P. =Quasi-Peak AVG =average * is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz

46.00 -13.26

AVG

32.74

Report No.: TCT160817E014



0.0				
0.150	0.5	(MHz)	5	30.000
Site Chamber #2		Phase:	N	Temperature: 23
Limit: FCC Part 15B C	ass B Conduction(QP)	Power:	AC 120V/60Hz	Humidity: 54 %

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.4140	24.37	11.34	35.71	57.57	-21.86	QP	
2	0.4140	11.18	11.34	22.52	47.57	-25.05	AVG	
3	0.4540	29.94	11.32	41.26	56.80	-15.54	QP	
4	0.4540	15.67	11.32	26.99	46.80	-19.81	AVG	
5 *	0.5380	29.43	11.29	40.72	56.00	-15.28	QP	
6	0.5380	15.44	11.29	26.73	46.00	-19.27	AVG	
7	0.9700	29.03	11.20	40.23	56.00	-15.77	QP	
8	0.9700	16.27	11.20	27.47	46.00	-18.53	AVG	
9	1.4100	24.00	11.40	35.40	56.00	-20.60	QP	
10	1.4100	11.52	11.40	22.92	46.00	-23.08	AVG	
11	2.2860	29.12	11.59	40.71	56.00	-15.29	QP	
12	2.2860	16.85	11.59	28.44	46.00	-17.56	AVG	

Note:

Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading Corr. Factor (dB) = Antenna factor + Cable loss Measurement $(dB\mu V)$ = Reading level $(dB\mu V)$ + Corr. Factor (dB)Limit $(dB\mu V)$ = Limit stated in standard Margin (dB) = Measurement $(dB\mu V)$ – Limits $(dB\mu V)$ Q.P. =Quasi-Peak

AVG =average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz

Page 12 of 32



6.3. Conducted Output Power

6.3.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	KDB558074
Limit:	30dBm
Test Setup:	Spectrum Analyzer EUT
Test Mode:	Refer to item 4.1
Test Procedure:	 The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v03r05. Set spectrum analyzer as following: a) Set the RBW ≥ DTS bandwidth. b) Set VBW ≥ 3 × RBW. c) Set span ≥ 3 x RBW d) Sweep time = auto couple. e) Detector = peak. f) Trace mode = max hold. g) Allow trace to fully stabilize. h) Use peak marker function to determine the peak amplitude level.
Test Result:	PASS

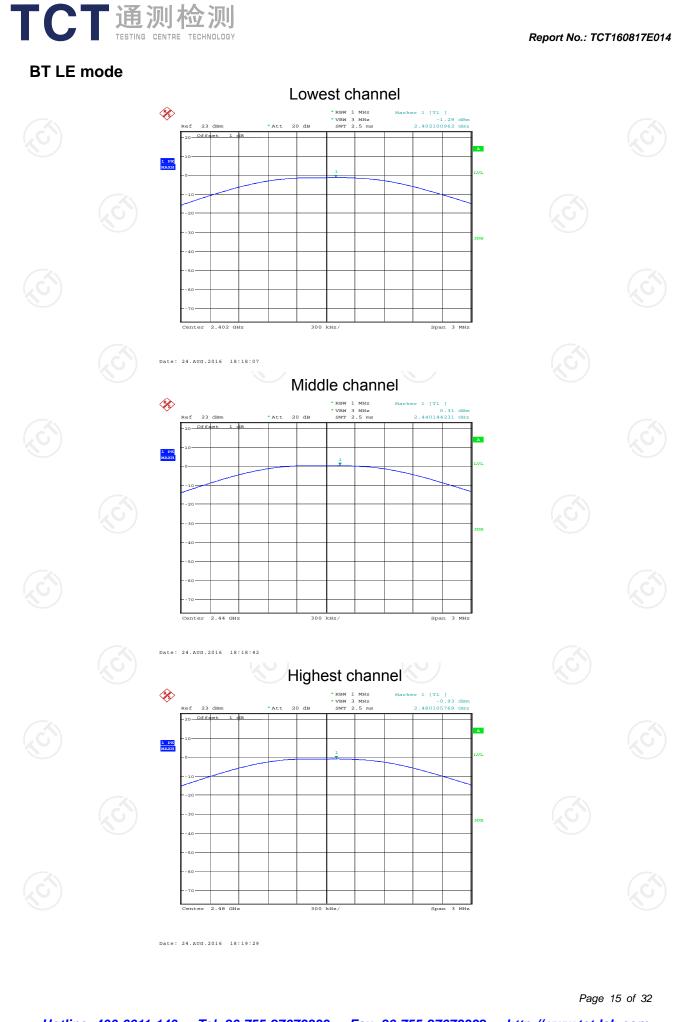
6.3.2. Test Instruments

	Equipment	Manufacturer	Model	Serial Number	Calibration Due
6	Spectrum Analyzer	R&S	FSU	200054	Aug. 11, 2017
	RF cable	тст	RE-06	N/A	Aug. 12, 2017
	Antenna Connector	ТСТ	RFC-01	N/A	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).

6.3.3. Test Data

Test channel	Maximum Cor Output Power		Limit (dl	Bm)	Result	
Lowest	-1.29	(0)	30.00		PASS	
Middle	0.31		30.00		PASS	
Highest	-0.93		30.00	0	PASS	
Fest plots as follows:						
					Page ://www.tct-la	





6.4. Emission Bandwidth

6.4.1. Test Specification

FCC Part15 C Section 15.247 (a)(2)
KDB558074
>500kHz
Spectrum Analyzer EUT
Refer to item 4.1
 The testing follows FCC KDB Publication No. 558074 DTS D01 Meas. Guidance v03r05. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz. Measure and record the results in the test report.
PASS

6.4.2. Test Instruments

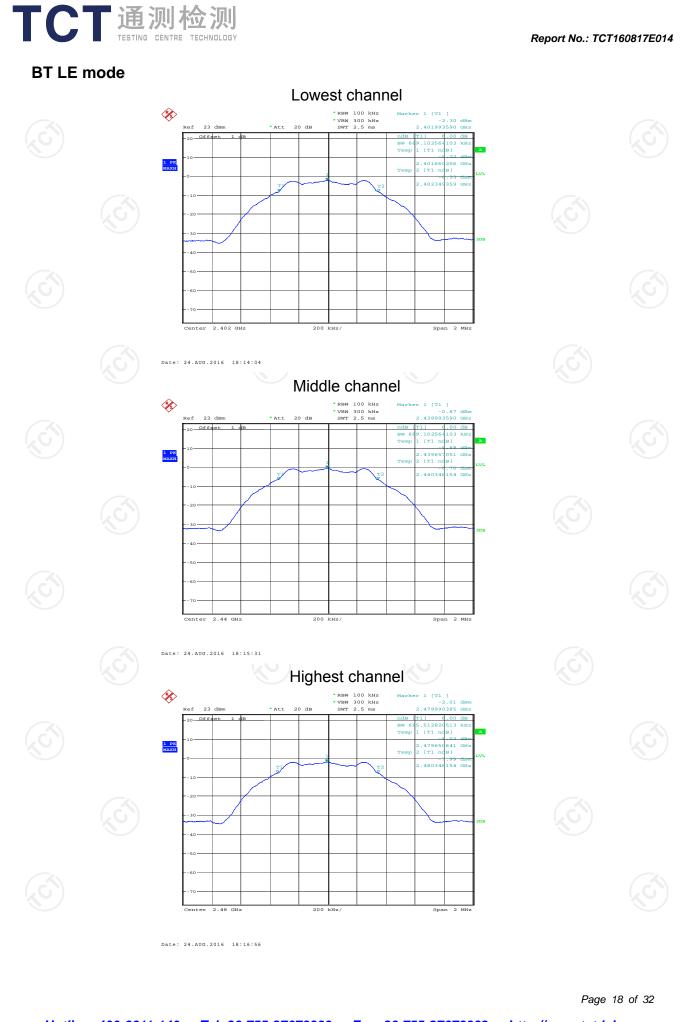
RF Test Room							
Equipment	Equipment Manufacturer Model Serial Number						
Spectrum Analyzer	R&S	FSU	200054	Aug. 11, 2017			
RF cable	су тст	RE-06	N/A	Aug. 12, 2017			
Antenna Connector	тст	RFC-01	N/A	Aug. 12, 2017			

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

	Toot shapped	6dB Emission Bandwidth (kHz)				
X	Test channel	BT LE mode	Limit	Result		
	Lowest	689.10	>500k			
	Middle	689.10	>500k	PASS		
	Highest	695.51	>500k			

Test plots as follows:			
<u>Hotline: 400-6611-140</u>	Tel: 86-755-276733	39 Fax: 86-755-27673	17 of 32





6.5. Power Spectral Density

6.6. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB558074
Limit:	The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.
Test Setup:	
	Spectrum Analyzer EUT
Test Mode:	Refer to item 4.1
Test Procedure:	 The testing follows Measurement Procedure 10.2 Method PKPSD of FCC KDB Publication No.558074 D01 DTS Meas. Guidance v03r05 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW) Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level. Measure and record the results in the test report.
Test Result:	PASS

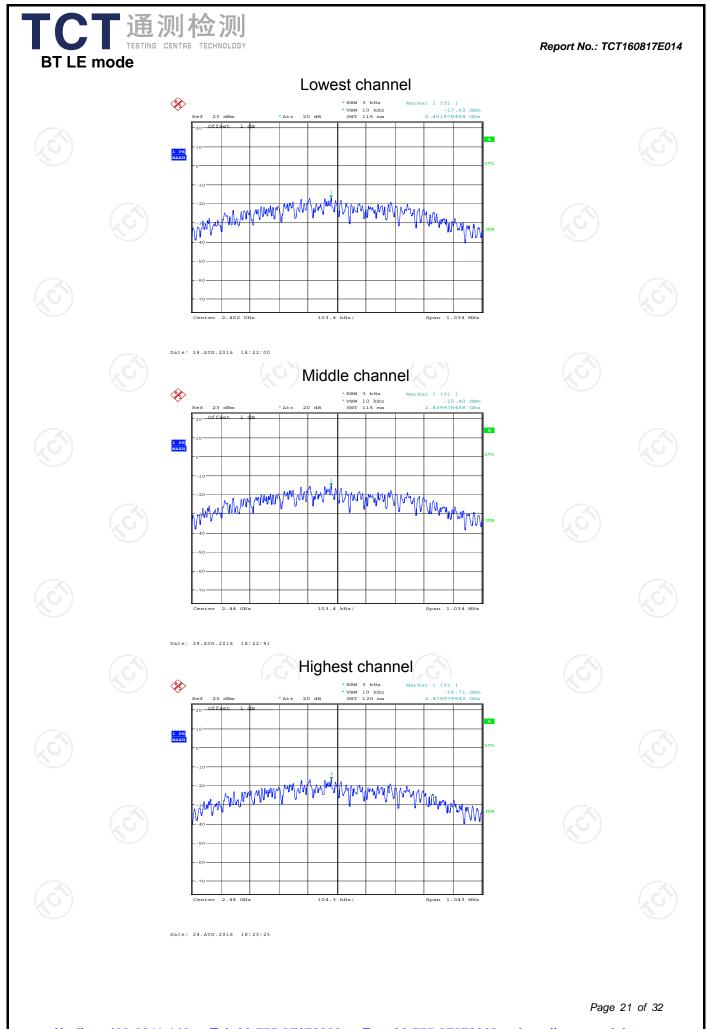
6.6.1. Test Instruments

RF Test Room						
Equipment	ment Manufacturer Model Serial Number					
Spectrum Analyzer	R&S	FSU	200054	Aug. 11, 2017		
RF cable	б тст	RE-06	N/A	Aug. 12, 2017		
Antenna Connector	тст	RFC-01	N/A	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).

6.6.2. Test data

	Test shares d	Power Spectral Density (dBm/3kHz)				
N.	Test channel	BT LE mode	Limit	Result		
	Lowest	-17.02	8 dBm/3kHz			
	Middle	-15.40	8 dBm/3kHz	PASS		
	Highest	-16.71	8 dBm/3kHz			



6.7. Conducted Band Edge and Spurious Emission Measurement

6.7.1. Test Specification

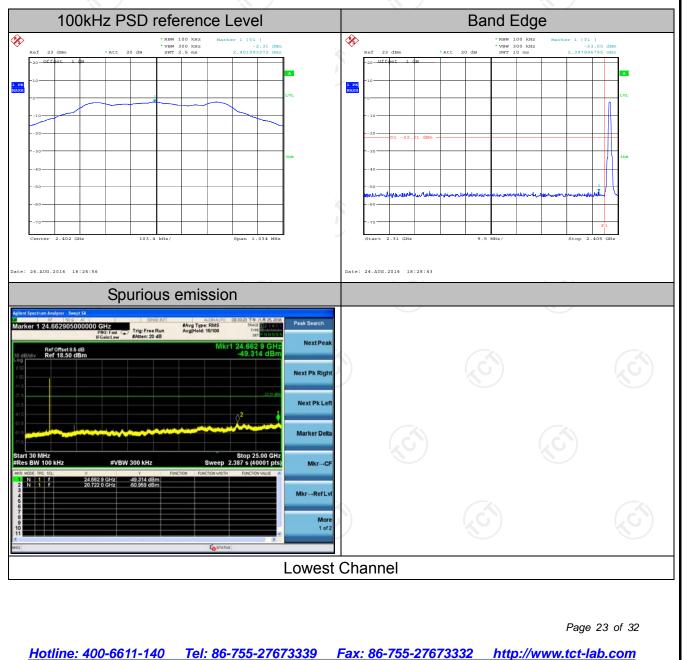
Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2013
Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).
Test Setup:	
	Spectrum Analyzer EUT
Test Mode:	Refer to item 4.1
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d).
	 4. Measure and record the results in the test report. 5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

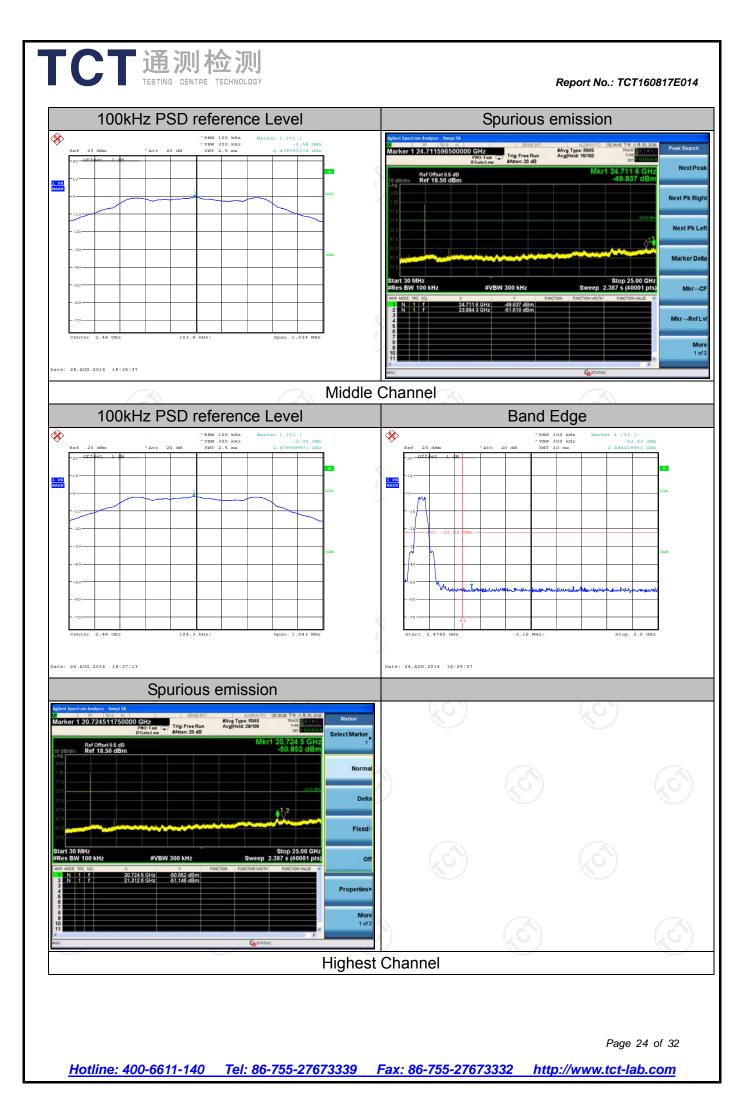
6.7.2. Test Instruments

	RF Test Room											
Equipment	Manufacturer	Model	Serial Number	Calibration Due								
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 12, 2017								
Spectrum Analyzer	R&S	FSU	200054	Aug. 11, 2017								
RF cable	тст	RE-06	N/A	Aug. 12, 2017								
Antenna Connector	тст	RFC-01	N/A	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).

6.7.3. Test Data



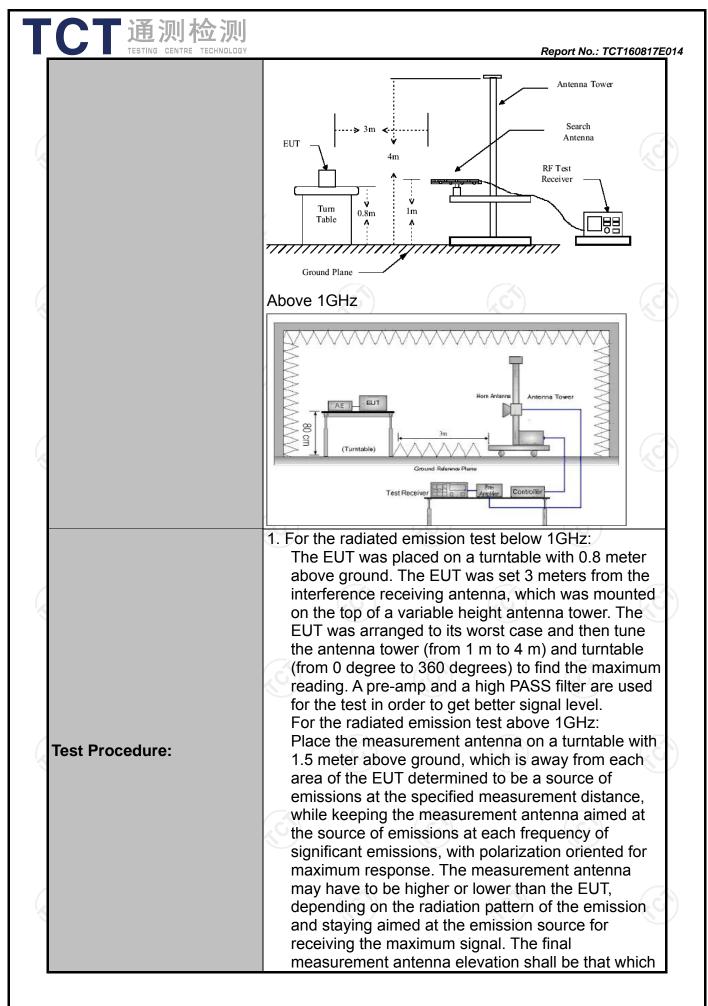


6.8. Radiated Spurious Emission Measurement

6.8.1. Test Specification

TCT通测检测 TESTING CENTRE TECHNOLOGY

Test Requirement:	FCC Part15 C Section 15.209						
Test Method:	ANSI C63.10): 2013					
Frequency Range:	9 kHz to 25 (GHz					
Measurement Distance:	3 m	K	9		K	9	
Antenna Polarization:	Horizontal &	Vertical					
Operation mode:	Refer to item	n 4.1	(<u>(</u>)			
	Frequency 9kHz- 150kHz 150kHz-	Detector Quasi-pea Quasi-pea		VBW 1kHz 30kHz		Remark si-peak Value si-peak Value	
Receiver Setup:	30MHz		\mathbf{c}		L.C		
	30MHz-1GHz Above 1GHz	Quasi-pea Peak Peak	k <u>100KHz</u> 1MHz 1MHz	300KHz 3MHz 10Hz	F	si-peak Value Peak Value erage Value	
	Frequen	су	Field Stre (microvolts	-		easurement ance (meters)	
	0.009-0.4		2400/F(KHz)		300		
	0.490-1.7	0	24000/F(KHz)	30		
Limit:	1.705-3		30 100		3		
	88-216		150			3	
	216-96	200		3			
	Above 9	60	500		3		
	Frequency		ld Strength ovolts/meter)	Measure Distan (meter	се	Detector	
	Above 1GHz	,	500		6	Average	
			5000 s below 30	3 MHz	0	Peak	
	For radiated emissions below 30MHz						
Test setup:	EUT	Turn table	iround Plane		Ę	Receiver	
	30MHz to 1GHz						



	Test mode: Test results:	U 检 测J	 maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. 2. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level 3. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-pead detector and reported. 4. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW. Sweep = auto; Detector function = peak; Trace = max hold; (3) Set RBW = 1 MHz, VBW= 3MHz for f = 1 GHz for peak measurement. For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation Refer to section 4.1 for details 						
Test	results:	Ko)	PASS						
							Page	27 of 32	



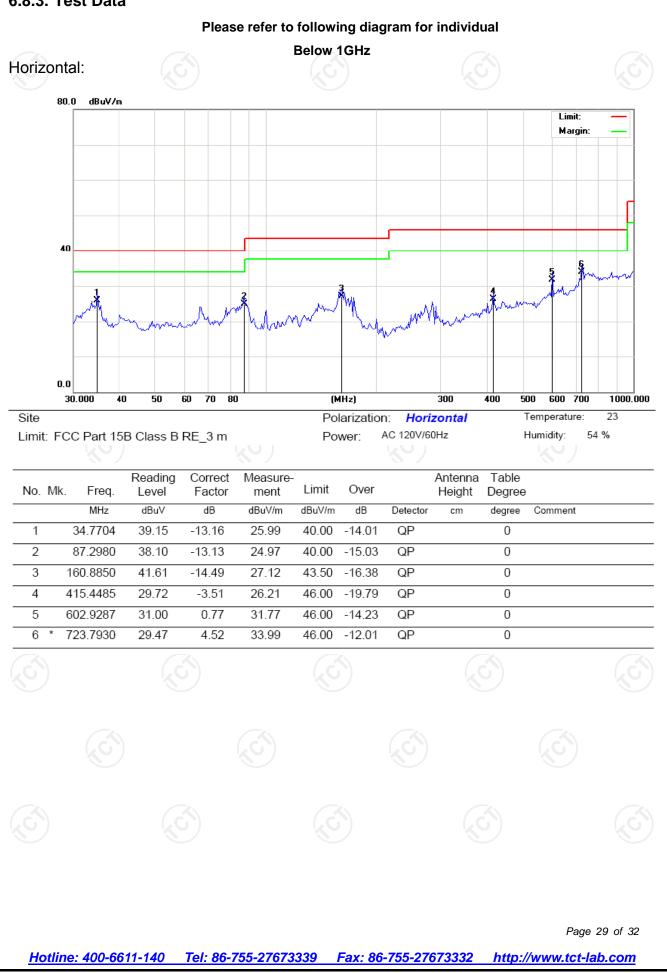
6.8.2. Test Instruments

	Radiated Em	ission Test Site	e (966)			
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due		
ESPI Test Receiver	ROHDE&SCHW ARZ	ESVD	100008	Aug. 11, 2017		
Spectrum Analyzer	ROHDE&SCHW ARZ	FSEM	848597/001	Aug. 11, 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		
Antenna Mast	CCS	CC-A-4M	N/A	N/A		
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		
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).

Page 28 of 32

6.8.3. Test Data



Report No.: TCT160817E014

CT 通测检测 TESTING CENTRE TECHNOLOGY Report No.: TCT160817E014 Vertical: 80.0 dBu∀/m Limit: Margin: 40 5 ŝ Jw/ 0.0 30.000 40 50 70 80 300 400 600 700 1000.000 60 (MHz) 500 23 Temperature: Site Polarization: Vertical AC 120V/60Hz Humidity: 54 % Limit: FCC Part 15B Class B RE_3 m Power: Reading Correct Measure-Antenna Table Limit Over No. Mk. Freq. Level Factor ment Height Degree MHz dBuV dB dBuV/m dBuV/m dB Detector cm degree Comment 43.5380 38.76 -9.74 40.00 -10.98 0 1 29.02 QP 2 54.1350 37.17 -9.11 28.06 40.00 -11.94 QP 0 39.82 -12.55 65.9067 27.27 40.00 -12.73 0 3 QP 148 9173 48 98 -14.90 34 08 43.50 -942 0 4 QP 166.6382 47.20 5 -13.67 33.53 43.50 -9.97 QP 0 6 602.9287 31.95 0.77 32.72 46.00 -13.28 QP 0

Note: 1. The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported

2. Measurements were conducted in all three channels (high, middle, low), and the worst case Mode (Low channel) was submitted only.

Page 30 of 32

Above 1GHz

Low chann	el: 2402 N	/IHz							
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)
2390	Н	43.73		-8.27	35.46		74	54	-18.54
4804	Н	44.03		0.66	44.69		74	54	-9.31
7206	Н	34.09		9.5	43.59		74	54	-10.41
	H								
	(\mathbf{G})		(.6					(G)	
2390	V	43.82		-8.27	35.55		74	54	-18.45
4804	V	45.53		0.66	46.19		74	54	-7.81
7206	V	40.34		9.5	49.84		74	54	-4.16
~~	V			(×		+		
G`)		(20)					(20)		20
Middle cha	nnel: 244(OMHz		l'					
		Dook	۸۱/	Correction	Emissio	n Loval			

F	Frequency Ant. Pol.		Peak		Correction	Emissic	on Level	Peak limit	AV limit	Margin
ĺ	(MHz)	H/V	reading (dBµV)	reading (dBµV)	Factor (dB/m)	Peak (dBµV/m)			(dBµV/m)	
	4880	KCH)	41.88	-4,0	0.99	42.87	<u>(G)</u> -	74	54	-11.13
	7320	£	38.81		9.87	48.68		74	54	-5.32
		Н								
	4880	V	43.46		0.99	44.45		74	54	-9.55
	7320	V	39.42		9.87	49.29		74	54	-4.71
		V			-					

High channel: 2480 MHz

CT通测检测 TESTING CENTRE TECHNOLOGY

ngn onam	101. <u>2</u> 100 1	VII 12							
requency	Ant Pol	Peak	AV	Correction	Emissio	on Level	Peak limit	AV limit	Margin
(MHz)	H/V	reading (dBµV)	reading (dBµV)	Factor (dB/m)	Peak (dBµV/m)	AV (dBµV/m)		(dBµV/m)	(dB)
2483.5	Н	46.01		-7.83	38.18		74	54	-15.82
4960	Н	48.02		1.33	49.35		74	54	-4.65
7440	Н	39.96		10.22	50.18		74	54	-3.82
)	Н			8)		· · · · ·		
0.400 5		40.40		7.00	40.05		74		40.05
2483.5	V	48.18		-7.83	40.35		74	54	-13.65
4960	V	47.33		1.33	48.66		74	54	-5.34
7440	V	39.12	- 1 2G	10.22	49.34	$\langle G^2 \rangle$	74	54	-4.66
	V			/					

Note:

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

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

*****END OF REPORT*****

		n otograp t TCT1608 ⁻		st Setup		
Appen	dix B: Pl	hotograp	hs of EU	т		
Refer to	test report	t TCT1608	17E010			