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TCT通测检测 TESTING CENTRE TECHNOLOGY

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TCT通测检测 1. Test Certification

Report No.: TCT180702E009

Product:	AR Game Gun	
Model No.:	ARG-09	3
Additional Model No.:	ARG-01, ARG-02, ARG-03, ARG-05, ARG-06, ARG-07, ARG-08, ARG-10, ARG-11, ARG-12, ARG-13, ARG-15, ARA-01, ARA-02, ARA-03, ARA-05, STG-6510-TX, STG-6510-FR	C
Trade Mark:	N/A 🔇 🔇	
Applicant:	ShenZhen Super Global Electronics Co., Ltd	
Address:	2F Building 4 BaiHuaYuan Road 11#, GuangMing New District, Shenzhen, 518107 China	Ś
Manufacturer:	ShenZhen Super Global Electronics Co., Ltd	
Address:	2F Building 4 BaiHuaYuan Road 11#, GuangMing New District, Shenzhen, 518107 China	
Date of Test:	Jul. 03, 2018 – Jul. 06, 2018	
Applicable Standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247 KDB 558074 D01 DTS Meas Guidance v04	Ś

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:	Brens Xu	Date:	Jul. 06, 2018	
	Brews Xu	Q	(c)	
Reviewed By:	Beny zhao	Date:	Jul. 09, 2018	
	Beryl Zhao			
Approved By:	Tomsin	Date:	Jul. 09, 2018	
$\langle c \rangle$	Tomsin	($\langle \mathcal{O} \rangle$	

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2. Test Result Summary

Requi	rement		CFR 47 Se	ction		Result	
Antenna r	equirement	Ş	15.203/§15.	.247 (c)	K)	PASS	K
	ne Conducted ssion		§15.20	7		PASS	
	Peak Output wer		§15.247 (k §2.104			PASS	
6dB Emissio	on Bandwidth		§15.247 (a §2.104		S	PASS	
Power Spe	ctral Density		§15.247	(e)		PASS	
Band	Edge		1§5.247 §2.1051, §2			PASS	
	Emission Tem meets the requir In does not meet the	rement.	§15.205/§1 §2.1053, §2			PASS	No.
lote: 1. PASS: Test it 2. Fail: Test iter 3. N/A: Test cas	em meets the requir	rement. requirement. the test object	§2.1053, §2	2.1057		PASS	
lote: 1. PASS: Test it 2. Fail: Test iter 3. N/A: Test cas	em meets the requir n does not meet the se does not apply to	rement. requirement. the test object	§2.1053, §2	2.1057		PASS	
lote: 1. PASS: Test it 2. Fail: Test iter 3. N/A: Test cas	em meets the requir n does not meet the se does not apply to	rement. requirement. the test object	§2.1053, §2	2.1057		PASS	
lote: 1. PASS: Test it 2. Fail: Test iter 3. N/A: Test cas	em meets the requir n does not meet the se does not apply to	rement. requirement. the test object	§2.1053, §2	2.1057		PASS CO	



3. EUT Description

Product:	AR Game Gun
Model No.:	ARG-09
Additional Model No.:	ARG-01, ARG-02, ARG-03, ARG-05, ARG-06, ARG-07, ARG-08, ARG-10, ARG-11, ARG-12, ARG-13, ARG-15, ARA-01, ARA-02, ARA-03, ARA-05, STG-6510-TX, STG-6510-FR
Trade Mark:	N/A
Hardware Version:	HW_SG1845_Y1051_V1_20180310
Software Version:	SW_SG1845_Y1051_V2_20180310
BT Version:	V4.2
Operation Frequency:	2402MHz~2480MHz
Channel Separation:	2MHz
Number of Channel:	40
Modulation Technology:	GFSK
Antenna Type:	PCB Antenna
Antenna Gain:	0dBi
Power Supply:	DC 3V(2*AAA batteries)
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

Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
2420MHz	19	2440MHz	29	2460MHz	39	2480MHz
	2402MHz 2404MHz 2418MHz	2402MHz 10 2404MHz 11 2418MHz 18	2402MHz 10 2422MHz 2404MHz 11 2424MHz 2418MHz 18 2438MHz	2402MHz 10 2422MHz 20 2404MHz 11 2424MHz 21 2418MHz 18 2438MHz 28	2402MHz 10 2422MHz 20 2442MHz 2404MHz 11 2424MHz 21 2444MHz 2418MHz 18 2438MHz 28 2458MHz	2404MHz 11 2424MHz 21 2444MHz 31 2418MHz 18 2438MHz 28 2458MHz 38

Remark: Channel 0, 19 & 39 have been tested.

4. Genera Information

4.1. Test environment and mode

Operating Environment:	
Temperature:	25.0 °C
Humidity:	56 % RH
Atmospheric Pressure:	1010 mbar
Test Mode:	
Engineering mode:	Keep the EUT in continuous transmitting by select channel and modulations(The

Fully-charged battery. The sample was placed (0.1m 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.

value of duty cycle is 98.46%) with

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
	/			

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. 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 $y \pm U$, 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 %.

Item	MU
Conducted Emission	±2.56dB
RF power, conducted	±0.12dB
Spurious emissions, conducted	±0.11dB
All emissions, radiated(<1G)	±3.92dB
All emissions, radiated(>1G)	±4.28dB
Temperature	±0.1°C
Humidity	±1.0%
	Conducted Emission RF power, conducted Spurious emissions, conducted All emissions, radiated(<1G)

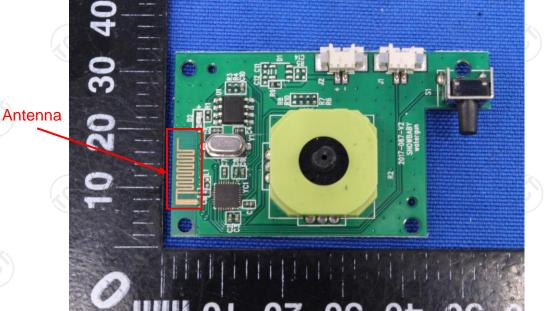


6. Test Results and Measurement Data

6.1. Antenna requirement

FCC Part15 C Section 15.203 /247(c) **Standard requirement:** 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. 15.247(c) (1)(i) requirement: (i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi. **E.U.T** Antenna:

The Bluetooth antenna is PCB antenna which permanently attached, and the best case gain of the antenna is 0dBi.





6.2. Conducted Emission

6.2.1. Test Specification

Test Requirement:	FCC Part15 C Section	15 207				
-		110.207	Q			
Test Method:	ANSI C63.10:2013					
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*			
	0.5-5	56	46			
	5-30	60	50			
	Refere	nce Plane	1201			
Test Setup:	E.U.T Adap Test table/Insulation pla Remark: E.U.T: Equipment Under Test LISN: Line Impedence Stabilizatio Test table height=0.8m	n Network	lter — AC power			
Test Mode:	Charging + Transmittir	ng Mode				
Test Procedure:	 The E.U.T is connerimpedance stabilizing provides a 500hm/s measuring equipme The peripheral device power through a L coupling impedance refer to the block photographs). Both sides of A.C. conducted interfere emission, the relative the interface cables ANSI C63.10: 2013 	zation network 50uH coupling im ont. ces are also conne ISN that provides with 50ohm tern diagram of the . line are checke nce. In order to fin re positions of equ s must be chang	(L.I.S.N.). This pedance for the acted to the mains a 50ohm/50uh nination. (Please test setup and ed for maximum nd the maximum ipment and all o jed according to			
Test Result:	N/A; Because the EUT item is not applicable.	「is powered by th	e battery, so the			



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 v04. Set spectrum analyzer as following: a) Set the RBW ≥ DTS bandwidth. b) Set VBW ≥ 3 x 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
Spectrum Analyzer	R&S	FSU	200054	Sep. 27, 2018
RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Sep. 27, 2018
Antenna Connector	ТСТ	RFC-01	N/A	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).

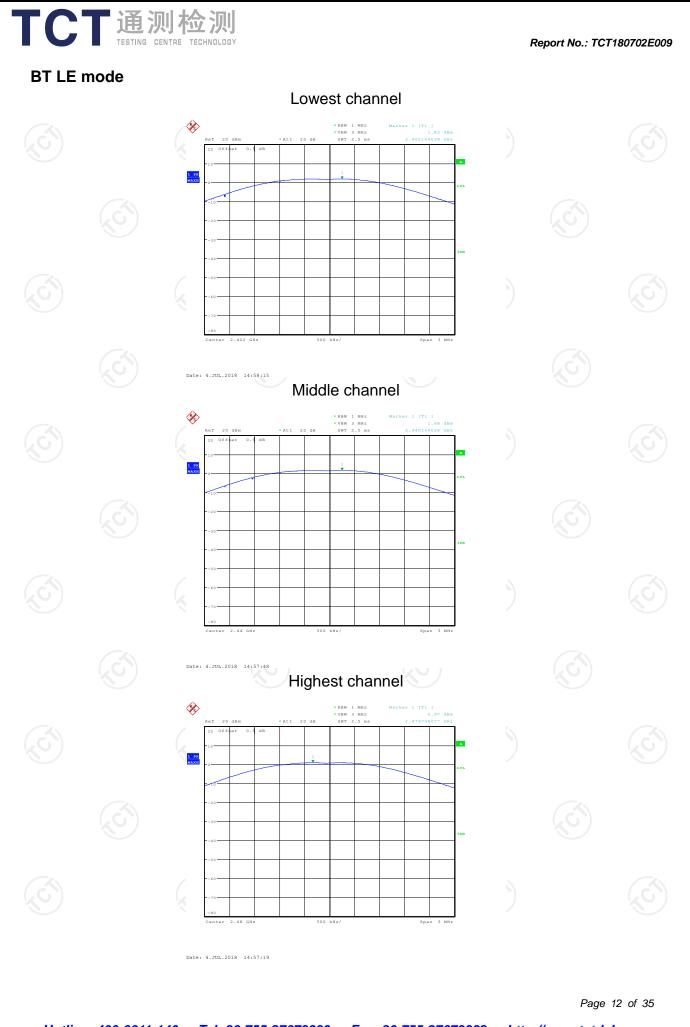
6.3.3. Test Data

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BT LE mode			
Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
Lowest	1.85	30.00	PASS
Middle	1.68	30.00	PASS
Highest	0.97	30.00	PASS

Test plots as follows:

l est pi	ots as follov	ws:						
							Page	11 of 35
<u>Hotlin</u>	<u>e: 400-6611</u>	-140 Tel: 8	<u>36-755-27673</u>	<u>3339 Fax:</u>	<u>86-755-2767</u>	<mark>3332 http</mark>	<u>://www.tct-la</u>	





6.4. Emission Bandwidth

6.4.1. Test Specification

FCC Part15 C Section 1	5.247 (a)(2)	R
KDB558074		
>500kHz		
	FIIT	
Refer to item 4.1		
DTS D01 Meas. Guid 2. Set to the maximum p EUT transmit continu 3. Make the measureme resolution bandwidth Video bandwidth (VE an accurate measure be greater than 500	dance v04. oower setting and enable the lously. ent with the spectrum analyze (RBW) = 100 kHz. Set the SW) = 300 kHz. In order to ma ement. The 6dB bandwidth m kHz.	er's ake
PASS		
	KDB558074 >500kHz Spectrum Analyzer Refer to item 4.1 1. The testing follows FC DTS D01 Meas. Guid 2. Set to the maximum p EUT transmit continue 3. Make the measureme resolution bandwidth Video bandwidth (VE) an accurate measure be greater than 500 4. Measure and record to	 >500kHz Spectrum Analyzer Refer to item 4.1 1. The testing follows FCC KDB Publication No. 5580 DTS D01 Meas. Guidance v04. 2. Set to the maximum power setting and enable the EUT transmit continuously. 3. Make the measurement with the spectrum analyzer resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to ma an accurate measurement. The 6dB bandwidth m be greater than 500 kHz. 4. Measure and record the results in the test report.

6.4.2. Test Instruments

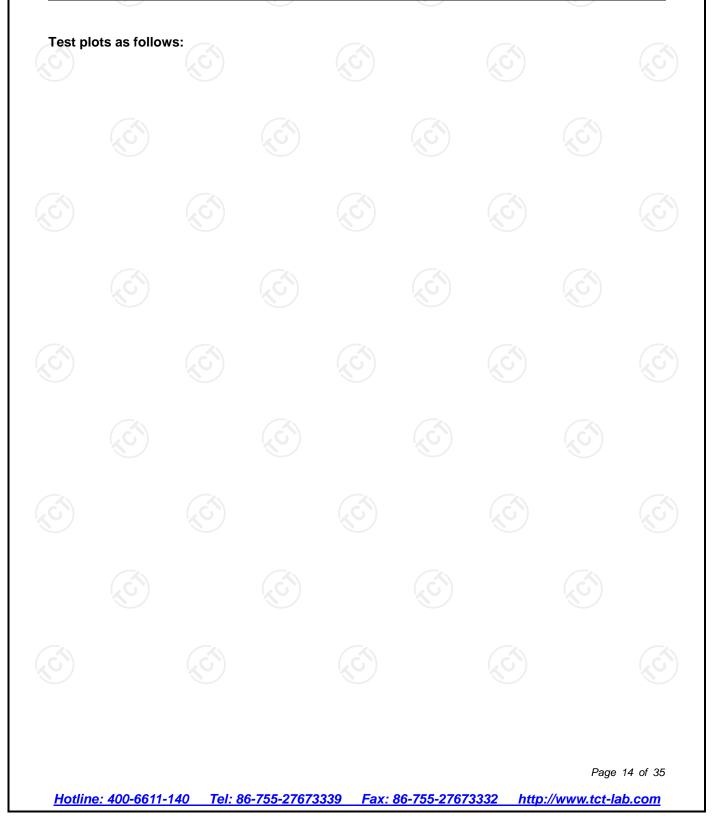
RF Test Room						
Equipment	Manufacturer	Model	Serial Number	Calibration Due		
Spectrum Analyzer	R&S	FSU	200054	Sep. 27, 2018		
RF cable (9kHz-26.5GHz)	🕥 тст	RE-06	N/A	Sep. 27, 2018		
Antenna Connector	ТСТ	RFC-01	N/A	Sep. 27, 2018		

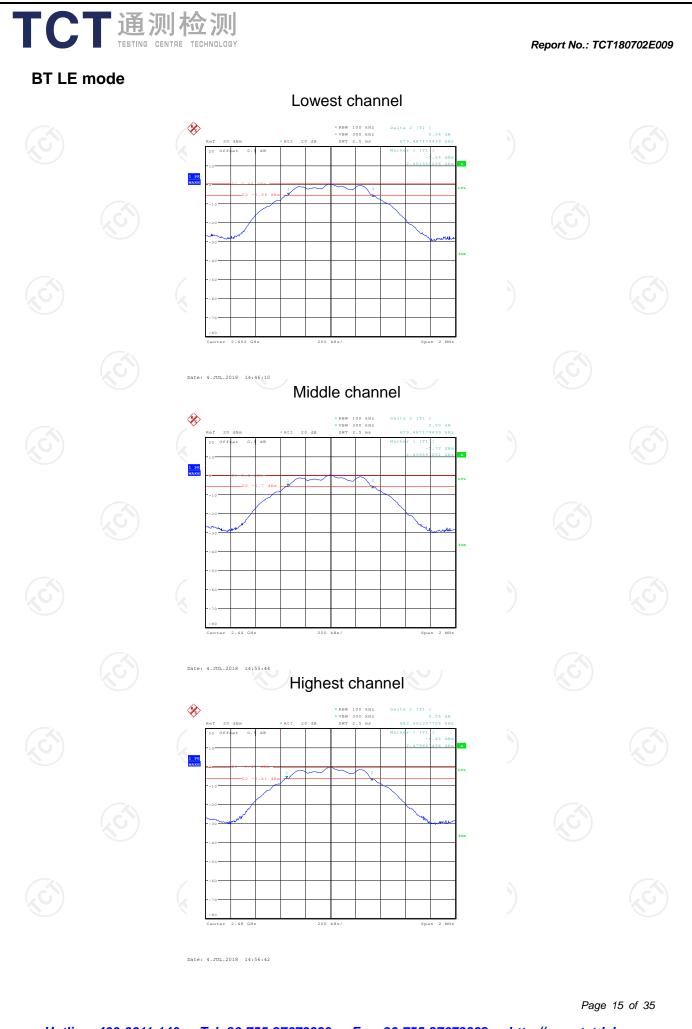
Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).



6.4.3. Test data

	Test channel	6dB Emission I)	
(Test channel	BT LE mode	Limit	Result
0	Lowest	679.49	>500k	
	Middle	679.49	>500k	PASS
	Highest	682.69	>500k	$\langle \mathcal{C} \rangle$





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



6.5. Power Spectral Density

6.6. Test Specification

e greater nterval of
•
•
J.
10.2 .558074 spectrum ath loss e the alyzer's ≤ 100 rder to an to 1.5 Trace te. Use aximum
ia ≤ ro ai T

6.6.1. Test Instruments

RF Test Room						
Equipment	Manufacturer	Model	Serial Number	Calibration Due		
Spectrum Analyzer	R&S	FSU	200054	Sep. 27, 2018		
RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Sep. 27, 2018		
Antenna Connector	тст	RFC-01	N/A	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).

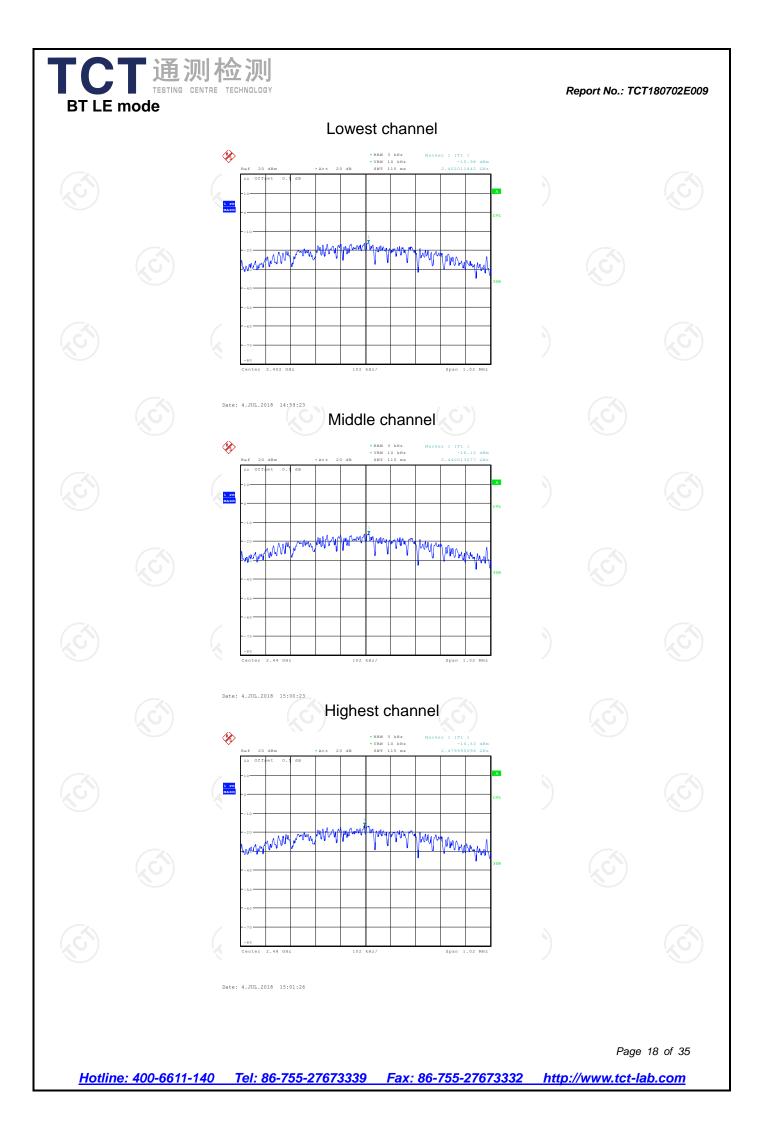
6.6.2. Test data

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	Test channel	Power Spectral Density (dBm/3kHz)					
	rest channel	BT LE mode		Limit	Result		
	Lowest	-15.98		8 dBm/3kHz	No. Contraction of the second se		
	Middle	-16.12		8 dBm/3kHz	PASS		
	Highest	-16.53	(c)	8 dBm/3kHz			
_							

Test plots as follows:

		5:						
<u>Hotline:</u>	<u>400-6611-</u> 3	140 Tel: 8	<u>6-755-27673</u>	339 Fax:	<u>86-755-2767</u>	<u>3332 http</u>	Page <mark>://www.tct-la</mark>	17 of 35 1 b.com



6.7. Conducted Band Edge and Spurious Emission Measurement

6.7.1. Test Specification

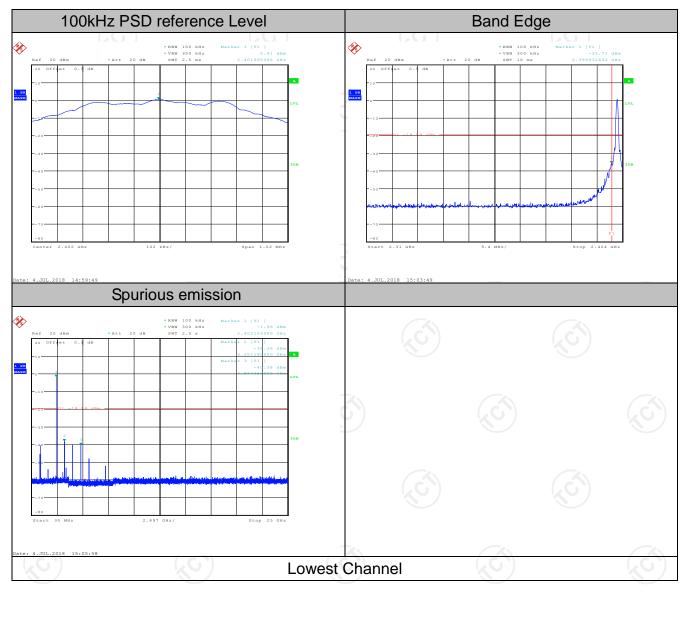
Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074
Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted 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

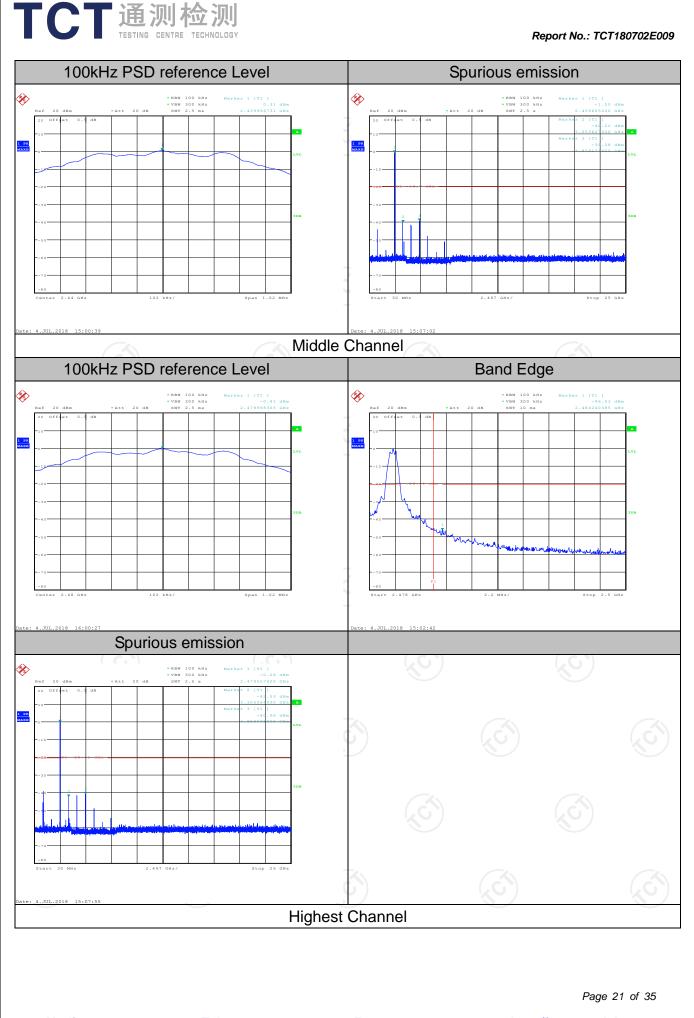
RF Test Room							
Equipment	Manufacturer	Model	Serial Number	Calibration Due			
Spectrum Analyzer	R&S	FSU	200054	Sep. 27, 2018			
RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Sep. 27, 2018			
Antenna Connector	тст	RFC-01	N/A	Sep. 27, 2018			

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

6.7.3. Test Data



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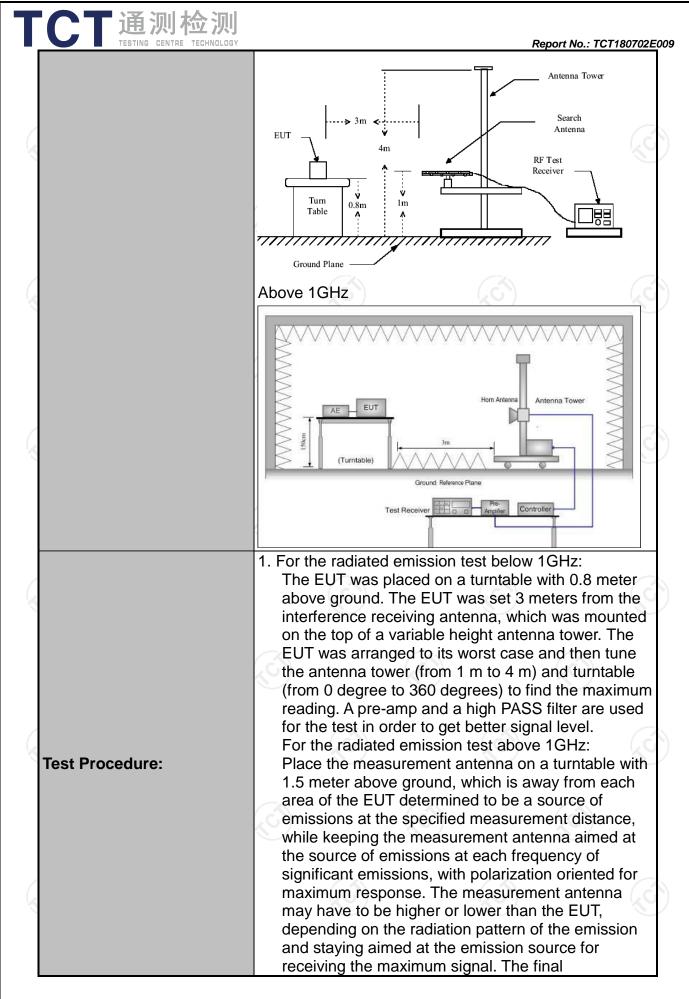
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

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	Z				
Measurement Distance:	3 m	X	9		K	9	
Antenna Polarization:	Horizontal &	Vertical					
Operation mode:	Refer to item	n 4.1	(3		(,	
	Frequency 9kHz- 150kHz	Detector Quasi-peal	RBW < 200Hz	VBW 1kHz	Qua	Remark si-peak Value	
Receiver Setup:	150kHz- 30MHz	Quasi-peal	9kHz	30kHz	Qua	si-peak Value	
	30MHz-1GHz	Quasi-peal		300KHz		si-peak Value	
	Above 1GHz	Peak Peak	1MHz 1MHz	<u>3MHz</u> 10Hz		eak Value erage Value	
	Frequen	су	Field Stre (microvolts			easurement ance (meters)	
	0.009-0.490		2400/F(I			300	
	0.490-1.705		24000/F(KHz)		30		
	1.705-30 30-88		<u>30</u> 100		30		
Limit:	88-216		150			3	
	216-960		200			3	
	Above 960		500			3	
	(G)		(, (, (, (, (, (, (, (, (, (, (, (, (, (
	Frequency		-ield Strength icrovolts/meter)		rement ance Detect ters)		
		(500	3	0)	Average	
	Above 1GH	z t	5000		3 Peak		
Test setup:	For radiated	emission: Distance = 3m	s below 30)MHz		Computer -	



	Report No.: TCT180702E
	 measurement antenna elevation shall be that which 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. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level 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-peak detector and reported. Use the following spectrum analyzer settings: Set RBW=100 kHz for f < 1 GHz; VBW RBW; Sweep = auto; Detector function = peak; Trace = max hold; 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.
Test mode:	Refer to section 4.1 for details
Test results:	PASS

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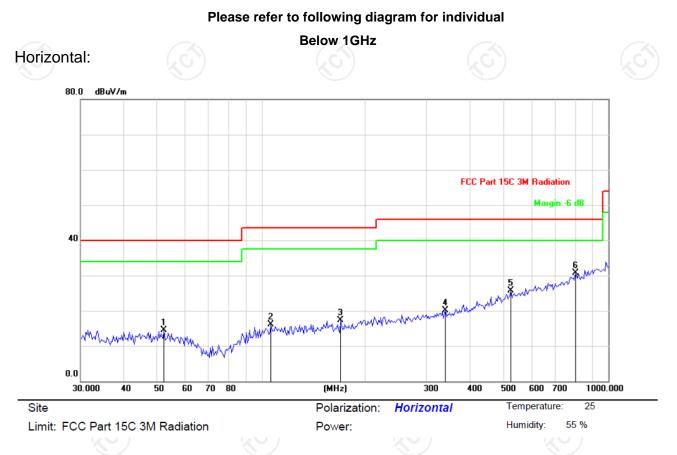


6.8.2. Test Instruments

Radiated Emission Test Site (966)									
Name of Equipment	Manufacturer	Model	Serial Number	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	Sep. 27, 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).

6.8.3. Test Data



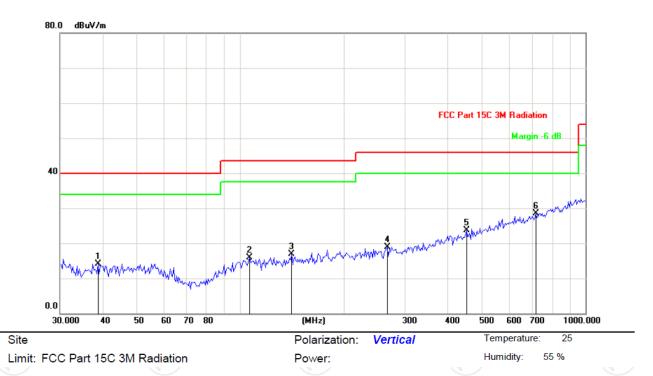
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		52.2659	27.29	-12.82	14.47	40.00	-25.53	peak			
2		106.2811	28.36	-12.26	16.10	43.50	-27.40	peak			
3		168.9970	32.03	-14.65	17.38	43.50	-26.12	peak			
4		338.8546	27.65	-7.56	20.09	46.00	-25.91	peak			
5		523.8763	28.33	-2.55	25.78	46.00	-20.22	peak			
6	*	804.2522	28.66	1.96	30.62	46.00	-15.38	peak			



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Vertical:



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		38.6357	27.05	-12.96	14.09	40.00	-25.91	peak			
2		106.2812	28.25	-12.26	15.99	43.50	-27.51	peak			
3		140.7767	32.82	-15.99	16.83	43.50	-26.67	peak			
4	2	266.8395	28.95	-10.10	18.85	46.00	-27.15	peak			
5	4	452.0013	28.04	-4.39	23.65	46.00	-22.35	peak			
6	*	718.7246	28.11	0.34	28.45	46.00	-17.55	peak			

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 (Lowest channel) was submitted only.

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Above 1GHz

				7.0010					
Low chann	el: 2402 N	1Hz							
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissio Peak (dBµV/m)	on Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
2390	Н	46.53		-7.52	39.01		74	54	-14.99
4804	Н	41.32		7.44	48.76		74	54	-5.24
7206	Н	36.47		13.54	50.01		74	54	-3.99
	Н								
	(G)		(.G		(.G		(.c.)	
2390	V	45.68		-7.52	38.16		74	54	-15.84
4804	V	42.05		7.44	49.49		74	54	-4.51
7206	V	37.13		13.54	50.67		74	54	-3.33
×	V			(X				
G)		(\mathcal{O})	•			•	(\mathcal{O})		
Middle cha	nnel: 2440)MHz		6					6
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	on Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4880	(GH)	42.51	-4	7.01	49.52	$\mathcal{O}^{+}\mathcal{O}$	74	54	-4.48
7320	F	37.07		13.21	50.28		74	54	-3.72
	Н								
4880	V	43.19		7.01	50.20		74	54	-3.80
7320	V	37.52		13.21	50.73		74	54	-3.27

High channel: 2480 MHz

V

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i ligit onum	ICI. 2400 I	VII 12							
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Peak		Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
2483.5	Н	46.13		-7.52	38.61		74	54	-15.39
4960	Н	41.76		7.44	49.20		74	54	-4.80
7440	Н	34.33		13.54	47.87		74	54	-6.13
7	Н			8)				
			n			1			
2483.5	V	48.74		-7.52	41.22		74	54	-12.78
4960	V	42.09		7.44	49.53		74	54	-4.47
7440	V	34.28		13.54	47.82	<u>, C -</u>	74	54	-6.18
	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.

