

TABLE OF CONTENTS

1. Test Certification	
2. Test Result Summary	4
3. EUT Description	5
4. General Information	
4.1. Test environment and mode	
4.2. Description of Support Units	6
5. Facilities and Accreditations	
5.1. Facilities	7
5.2. Location	7
5.3. Measurement Uncertainty	
6. Test Results and Measurement Data	
6.1. Antenna requirement	8
6.2. Conducted Emission	9
6.3. Conducted Output Power	
6.4. Emission Bandwidth	
6.5. Power Spectral Density	
6.6. Test Specification	19
6.7. Conducted Band Edge and Spurious Emission Measurement	
6.8. Radiated Spurious Emission Measurement	25
Appendix A: Photographs of Test Setup	
Appendix B: Photographs of EUT	

1. Test Certification

Product:	Bluetooth ANC True Wireless Earphones
Model No.:	TWS-10N
Additional Model No.:	N/A
Trade Mark:	N/A
Applicant:	GOLD FINGERS TECHNOLOGY CO., LTD
Address:	7F, C15 Bldg., Fuyuan Industrial Park, No.598 Zhoushi Rd, Bao'an District, Shenzhen 518126, China
Manufacturer:	GOLD FINGERS TECHNOLOGY CO., LTD
Address:	7F, C15 Bldg., Fuyuan Industrial Park, No.598 Zhoushi Rd, Bao'an District, Shenzhen 518126, China
Date of Test:	Jan. 06, 2020 – Jan. 10, 2020
Applicable Standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247 FCC KDB 558074 D01 15.247 Meas Guidance v05r02 ANSI C63.10:2013

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:	Brane. Zenf.	Date:	Jan. 10, 2020	
$\overline{(\mathbf{S})}$	Brave Zeng			
Reviewed By:	pury (min	Date:	Jan. 13, 2020	
	Beryl Zhao			
Approved By:	Jomsm	Date:	Jan. 13, 2020	
	Tomsin			

Page 3 of 36

Report No.: TCT200103E007



2. Test Result Summary

Report No.: TCT200103E007

Requirement	CFR 47 Section	Result
Antenna requirement	§15.203/§15.247 (c)	PASS
AC Power Line Conducted Emission	§15.207	PASS
Conducted Peak Output Power	§15.247 (b)(3)	PASS
6dB Emission Bandwidth	§15.247 (a)(2)	PASS
Power Spectral Density	§15.247 (e)	PASS
Band Edge	§15.247(d)	PASS
Spurious Emission	§15.205/§15.209	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.

Page 4 of 36



3. EUT Description

Product:	Bluetooth ANC True Wireless Earphones
Model No.:	TWS-10N
Additional Model No.:	N/A
Trade Mark:	N/A
Bluetooth Version:	V5.0 (This report is for BLE)
Operation Frequency:	2402MHz~2480MHz
Channel Separation:	2MHz
Number of Channel:	40
Modulation Technology:	GFSK
Antenna Type:	Ceramic Antenna
Antenna Gain:	1.75dBi
Power Supply:	Rechargeable Li-ion Battery DC 3.7V

Operation Frequency each of channel

operatio	operation i requerier each er enamer								
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> C)		5)	🤇	<u>0)</u>		G)			
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz		
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz		
Remark:	Remark: Channel 0, 19 & 39 have been tested.								



4. General Information

4.1. Test environment and mode

Operating Environment:				
Condition	Conducted Emission	Radiated Emission		
Temperature:	25.0 °C	25.0 °C		
Humidity:	55 % RH	55 % RH		
Atmospheric Pressure:	1010 mbar	1010 mbar		

Test Mode:

Engineering mode: Keep the EUT in continuous transmitting by select channel and modulations with Fully-charged battery

The sample was placed 0.8m & 1.5m for the measurement below & 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(Z axis) 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	/	<u>ی</u> ا	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. 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

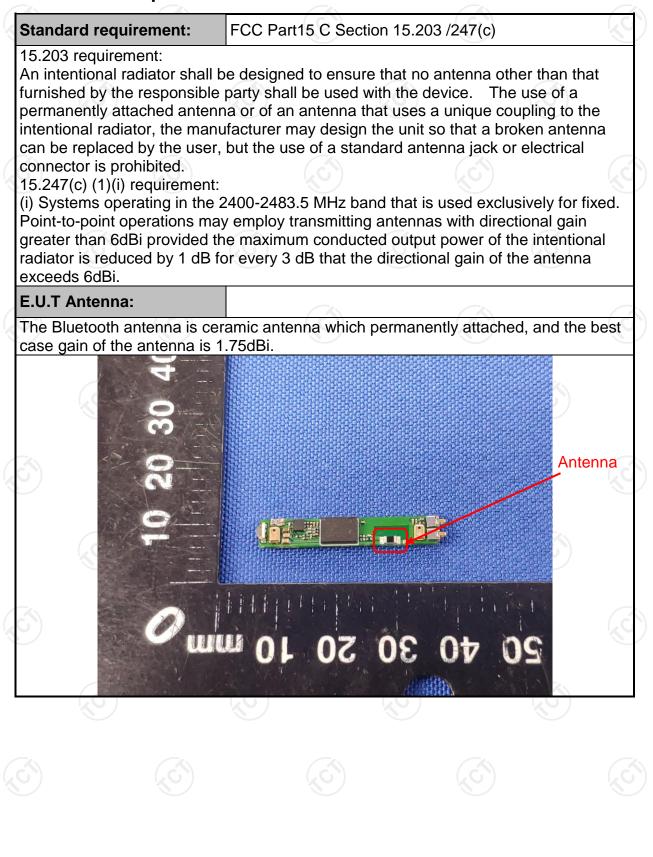
The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

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





6.2. Conducted Emission

6.2.1. Test Specification

Test Requirement:	FCC Part15 C Section	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=30	kHz, Sweep time	=auto					
	Frequency range	Limit (c	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						
Test Setup:	E.U.T Adap Test table/Insulation pla Remark: E.U.T: Equipment Under Test LISN: Line Impedence Stabilization Test table height=0.8m	ne	ter - AC power					
	Charging + Transmitting Mode							
Test Mode:								
Test Mode: Test Procedure:	 The E.U.T is connerimpedance stabilized provides a 500hm/8 measuring equipme The peripheral device power through a Licoupling impedance refer to the block photographs). Both sides of A.C. conducted interferer emission, the relative the interface cables 	cted to an adapte ation network 50uH coupling im nt. ces are also conne ISN that provides with 50ohm term diagram of the line are checkence. In order to fir e positions of equ s must be chang	(L.I.S.N.). This pedance for the ected to the main a 50ohm/50uh hination. (Please test setup and d for maximum d the maximum ipment and all o ed according to					
	 The E.U.T is connelimpedance stabilizing provides a 500hm/s measuring equipme The peripheral device power through a Licoupling impedance refer to the block photographs). Both sides of A.C. conducted interferent emission, the relative 	cted to an adapte ation network 50uH coupling im nt. ces are also conne ISN that provides with 50ohm term diagram of the line are checkence. In order to fir e positions of equ s must be chang	(L.I.S.N.). This pedance for the ected to the main a 500hm/50uh hination. (Please test setup and d for maximum d the maximum ipment and all o ed according to					

Report No.: TCT200103E007

6.2.2. Test Instruments

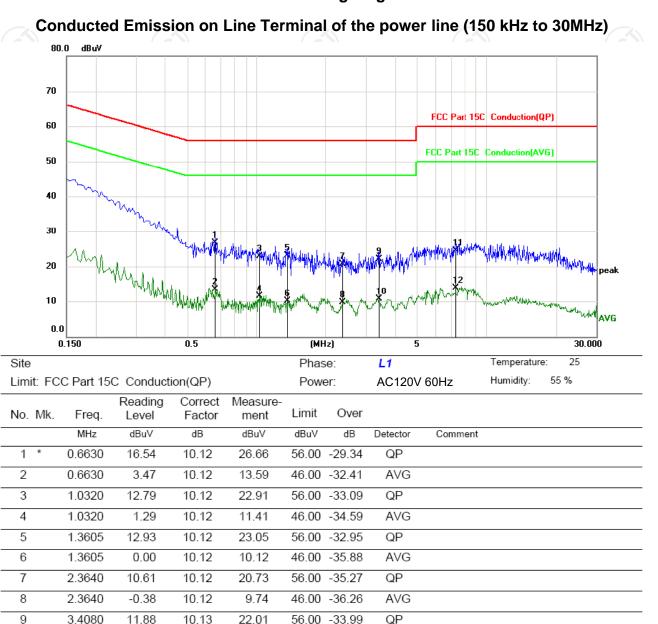
Conducted Emission Shielding Room Test Site (843)									
Equipment	Manufacturer	Model	Serial Number	Calibration Due					
Test Receiver	R&S	ESPI	101402	Jul. 29, 2020					
LISN	Schwarzbeck	NSLK 8126	8126453	Sep. 11, 2020					
Coax cable (9KHz-30MHz)	тст	CE-05	N/A	Sep. 08, 2020					
EMI Test Software	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 36

6.2.3. Test data

Please refer to following diagram for individual



Note:

10

11

12

3.4080

7.3185

7.3185

0.62

14.41

3.73

10.13

10.14

10.14

10.75

24.55

13.87

Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading Corr. Factor (dB) = LISN 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 Any value more than 10dB below limit have not been specifically reported. * is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz

46.00 -35.25

60.00 -35.45

50.00 -36.13

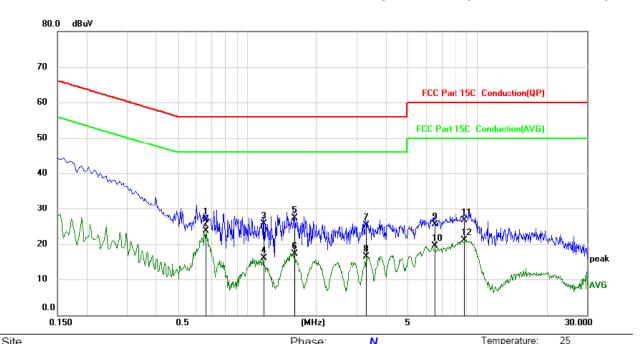
AVG

QP

AVG

Page 11 of 36

Report No.: TCT200103E007



Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)

Site						Phas	se:	N		Temperatur	e: 25	
Lim	it: FC	C Part 15	C Conducti	on(QP)		Powe	er:	AC120V	' 60Hz	Humidity:	55 %	
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over					
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment			
1		0.6630	16.74	10.12	26.86	56.00	-29.14	QP				
2	*	0.6630	13.54	10.12	23.66	46.00	-22.34	AVG				
3		1.1805	15.64	10.12	25.76	56.00	-30.24	QP				
4		1.1805	5.89	10.12	16.01	46.00	-29.99	AVG				
5		1.5945	17.26	10.12	27.38	56.00	-28.62	QP				
6		1.5945	7.17	10.12	17.29	46.00	-28.71	AVG				
7		3.2865	15.16	10.13	25.29	56.00	-30.71	QP				
8		3.2865	6.44	10.13	16.57	46.00	-29.43	AVG				
9		6.5040	15.30	10.14	25.44	60.00	-34.56	QP				
10		6.5040	9.40	10.14	19.54	50.00	-30.46	AVG				
11		8.7855	16.61	10.15	26.76	60.00	-33.24	QP				
12		8.7855	11.03	10.15	21.18	50.00	-28.82	AVG				

Note1:

Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading Corr. Factor (dB) = LISN 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

Any value more than 10dB below limit have not been specifically reported.

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

Page 12 of 36



6.3. Conducted Output Power

6.3.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	KDB 558074 D01 v05r02
Limit:	30dBm
Test Setup:	Spectrum Analyzer EUT
Test Mode:	Refer to item 4.1
Test Procedure:	 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. 11, 2020
RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Sep. 11, 2020
Antenna Connector	О тст	RFC-01	N/A	Sep. 11, 2020

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

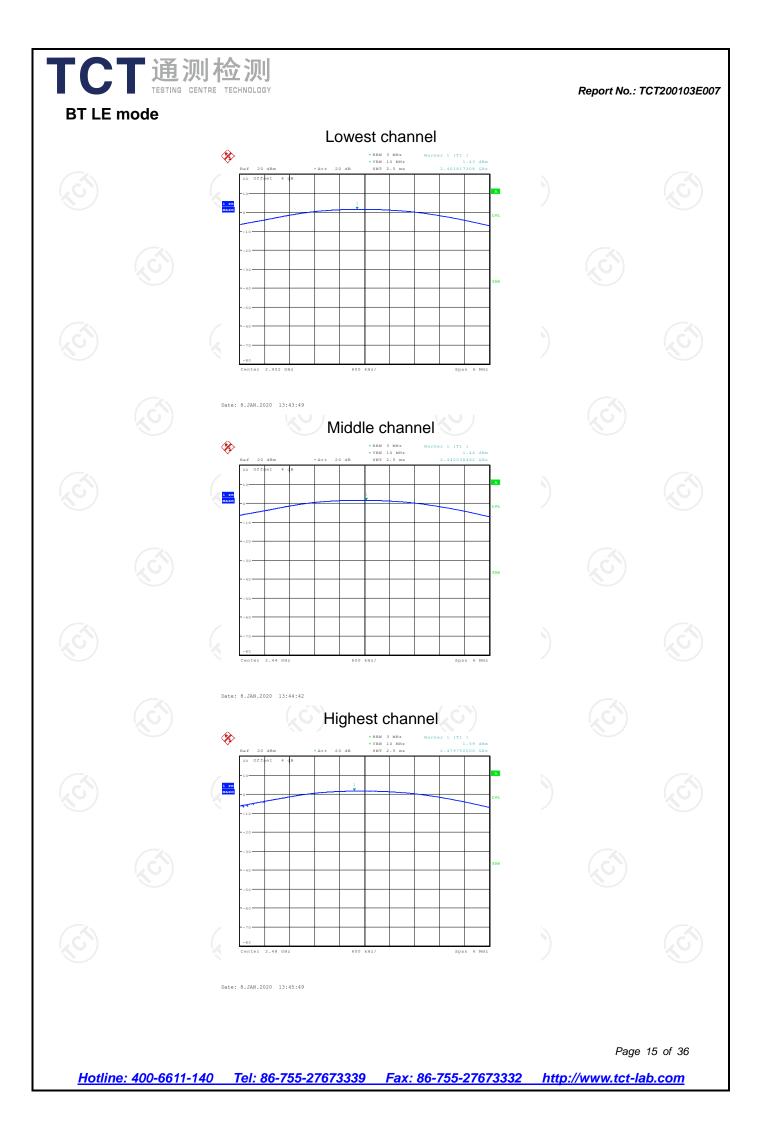
6.3.3. Test Data

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BT LE mode			
Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
Lowest	1.43	30.00	PASS
Middle	1.44	30.00	PASS
Highest	1.59	30.00	PASS

Test plots as follows:

	ws:					
					Page	14 of 36
Hotline: 400-6611-	-140 Tel: 86-7	55-27673339 Fax	: 86-755-27673	332 http:	//www.tct-la	<u>b.com</u>





6.4. Emission Bandwidth

6.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)
Test Method:	KDB 558074 D01 v05r02
Limit:	>500kHz
Test Setup:	Spectrum Analyzer EUT
Test Mode:	Refer to item 4.1
Test Procedure:	 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.
Test Result:	PASS

6.4.2. Test Instruments

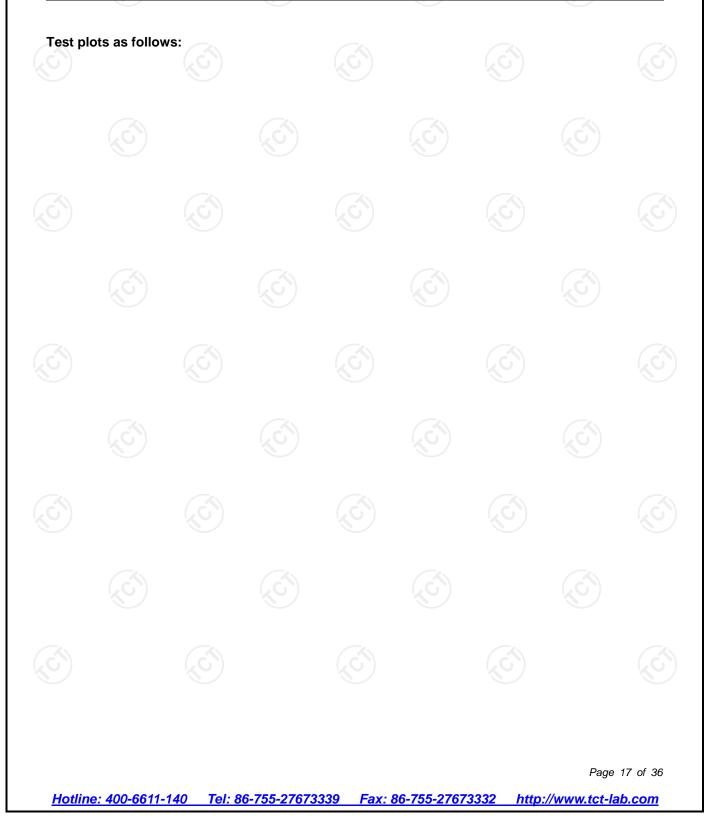
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	R&S	FSU	200054	Sep. 11, 2020
RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Sep. 11, 2020
Antenna Connector	тст	RFC-01	N/A	Sep. 11, 2020

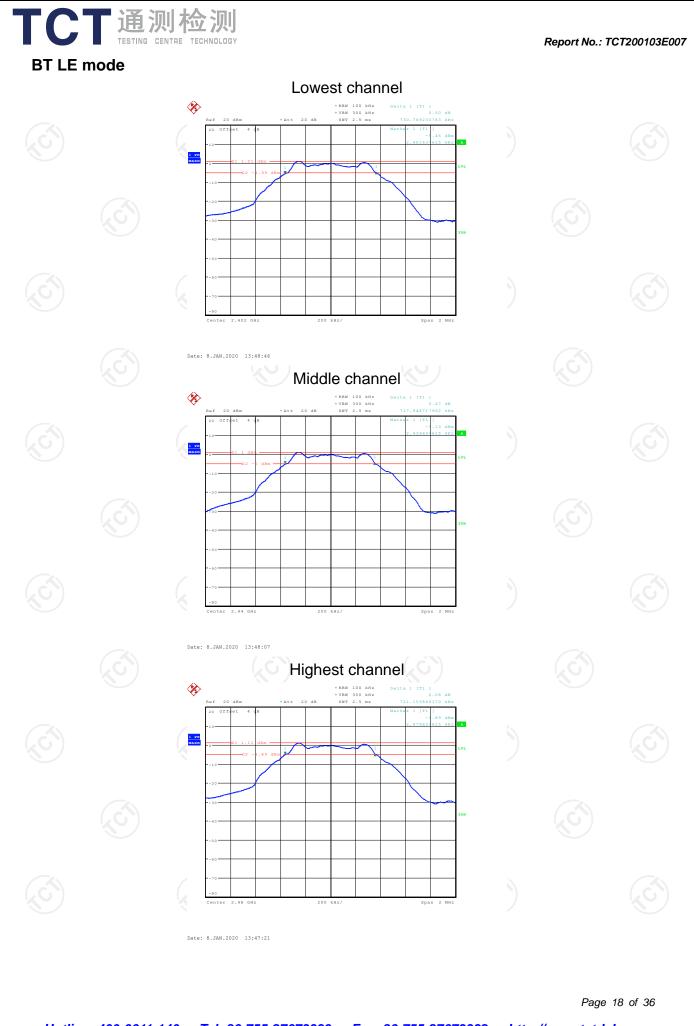
Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

Page 16 of 36

6.4.3. Test data

	Test channel	6dB Emission Bandwidth (kHz)				
(Test channel	BT LE mode	Limit	Result		
0	Lowest	730.77	>500k	le l		
	Middle	717.95	>500k	PASS		
	Highest	721.15	>500k			







6.5. Power Spectral Density

6.6. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB 558074 D01 v05r02
Limit:	The peak power spectral density shall not be greated than 8dBm in any 3kHz band at any time interval or continuous transmission.
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. 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

	Equipment	Manufacturer	Model	Serial Number	Calibration Due	
2	Spectrum Analyzer	R&S	FSU	200054	Sep. 11, 2020	
	RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Sep. 11, 2020	
	Antenna Connector	тст	RFC-01	N/A	Sep. 11, 2020	

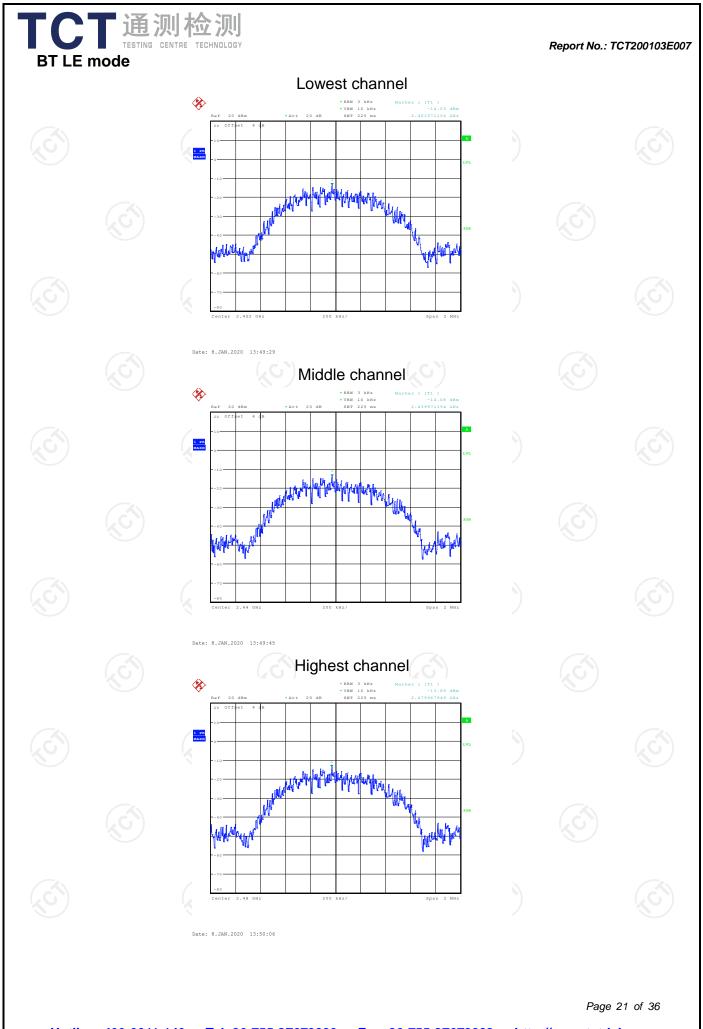
Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.6.2. Test data

	Test shapped	Power Spectral Density (dBm/3kHz)			
(Test channel	BT LE mode	Limit	Result	
0	Lowest	-14.03	8 dBm/3kHz	J.	
	Middle	-14.08	8 dBm/3kHz	PASS	
	Highest	-13.89	8 dBm/3kHz	$\langle \mathcal{C} \rangle$	

Test plots as follows:

Ś	ts as follow							
<u>Hotline</u>	e: 400-6611-	-140 Tel: 8	<u>36-755-27673</u>	3339 Fax:	<u>86-755-2767</u>	<u>3332 http</u>	Page ://www.tct-la	20 of 36 1 b.com



TCT通测检测 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:	KDB 558074 D01 v05r02
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.

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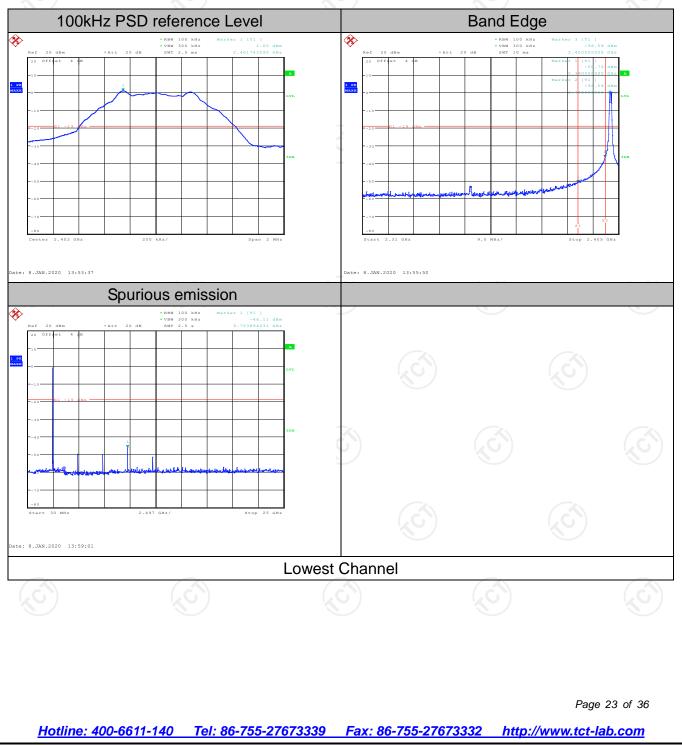
Report No.: TCT200103E007

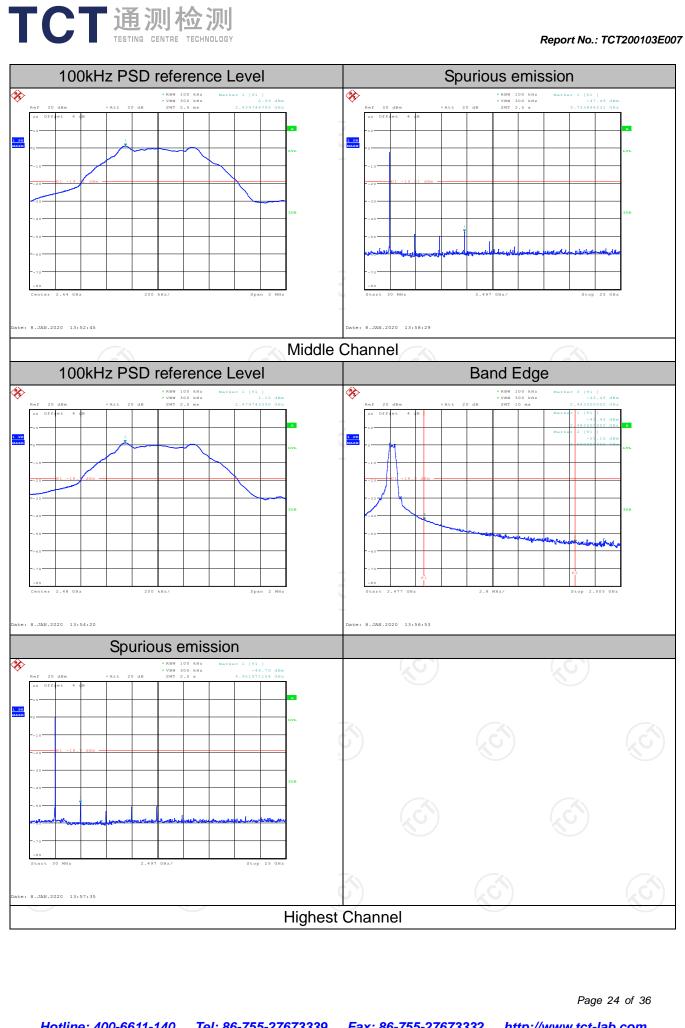
6.7.2. Test Instruments

Equipment	Manufacturer	Model	Serial Number	Calibration Due	
Spectrum Analyzer	R&S	FSU	200054	Sep. 11, 2020	
RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Sep. 11, 2020	
Antenna Connector	тст	RFC-01	N/A	Sep. 11, 2020	

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





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



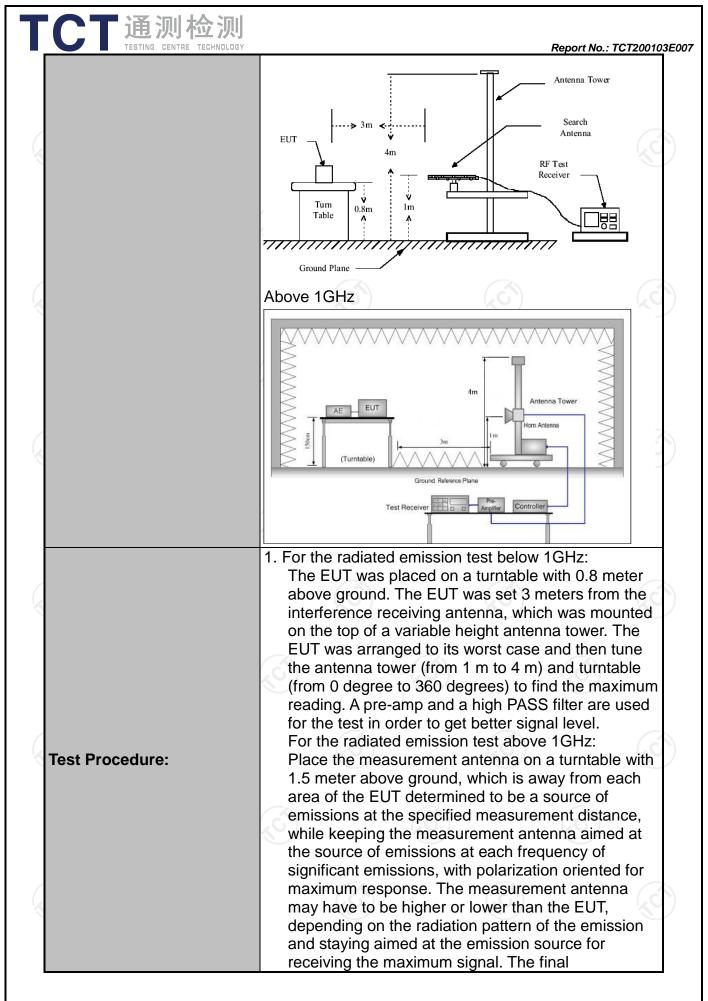
6.8. Radiated Spurious Emission Measurement

6.8.1. Test Specification

TCT 通测检测 TESTING CENTRE TECHNOLOGY

Test Requirement:	FCC Part15	C Sectior	n 15.209 👆			K		
Test Method:	ANSI C63.10: 2013							
Frequency Range:	9 kHz to 25 GHz							
Measurement Distance:	3 m							
Antenna Polarization:	Horizontal & Vertical							
Operation mode:	Refer to item 4.1							
	Frequency 9kHz- 150kHz	Detector Quasi-peal	RBW k 200Hz	VBW 1kHz	Remark Quasi-peak			
Receiver Setup:	150kHz- 30MHz	Quasi-peal		30kHz	Quasi-peak			
	30MHz-1GHz Above 1GHz	Quasi-peal Peak Peak	k 120KHz 1MHz 1MHz	300KHz 3MHz 10Hz	Quasi-peak Peak Val Average V	ue		
	Frequen		Field Stre	ength	Measurem Distance (me	ent		
	0.009-0.490		2400/F(KHz) 24000/F(KHz)		300 30			
	1.705-30 30-88		30 100		30 3			
Limit:	<u>88-216</u> 216-960		150 200		3			
	Above 9	60	500	3	-6			
	Frequency		Field Strength (microvolts/meter)		Measurement Distance Detect (meters)			
	Above 1GHz	2	500 5000		3Average3Peak			
	For radiated	emission	s below 30)MHz				
	Distance = 3m							
Test setup:	C.Sm							
	30MHz to 1GHz							

Page 25 of 36



	 Report No.: TCT200103 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: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=120 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. VBW ≥ 1/T, when duty cycle is 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

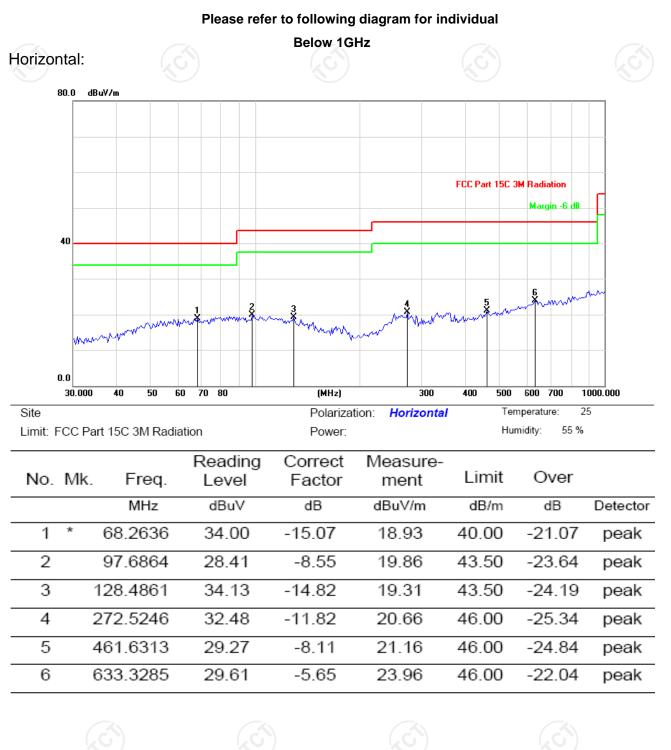
6.8.2. Test Instruments

Radiated Emission Test Site (966)										
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due						
Test Receiver	ROHDE&SCHW ARZ	ESIB7	100197	Jul. 29, 2020						
Spectrum Analyzer	ROHDE&SCHW ARZ	FSQ40	200061	Sep. 11, 2020						
Pre-amplifier	EM Electronics Corporation CO.,LTD	EM30265	07032613	Sep. 08, 2020						
Pre-amplifier	HP	8447D	2727A05017	Sep. 08, 2020						
Loop antenna	ZHINAN	ZN30900A	12024	Sep. 11, 2020						
Broadband Antenna	Schwarzbeck	VULB9163	340	Sep. 06, 2020						
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Sep. 06, 2020						
Horn Antenna	A-INFO	LB-180400-KF	J211020657	Sep. 06, 2020						
Antenna Mast	Keleto	RE-AM	N/A	N/A						
Coax cable (9KHz-40GHz)	тст	RE-high-02	N/A	Sep. 08, 2020						
Coax cable (9KHz-40GHz)	от тст	RE-high-04	N/A	Sep. 08, 2020						
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 36

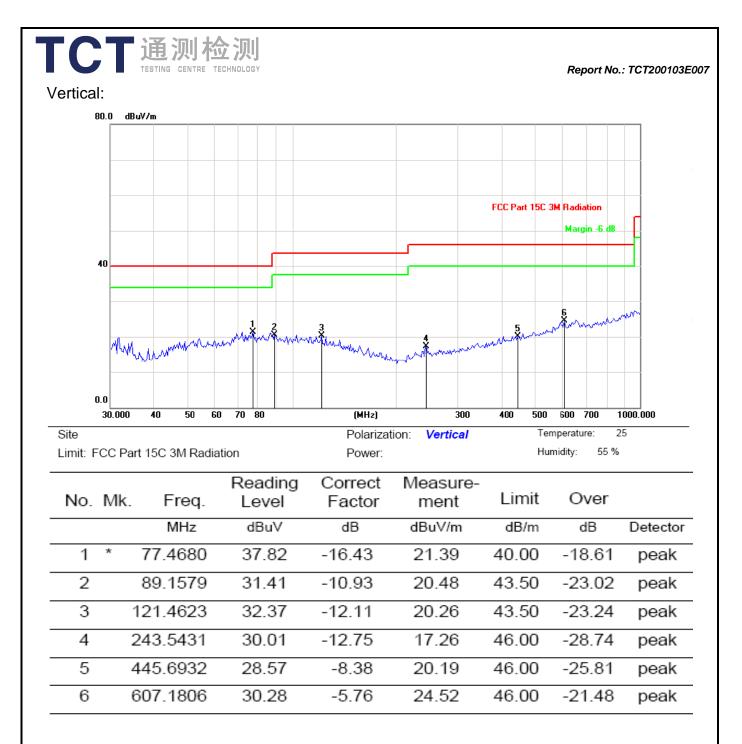
6.8.3. Test Data





Report No.: TCT200103E007

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



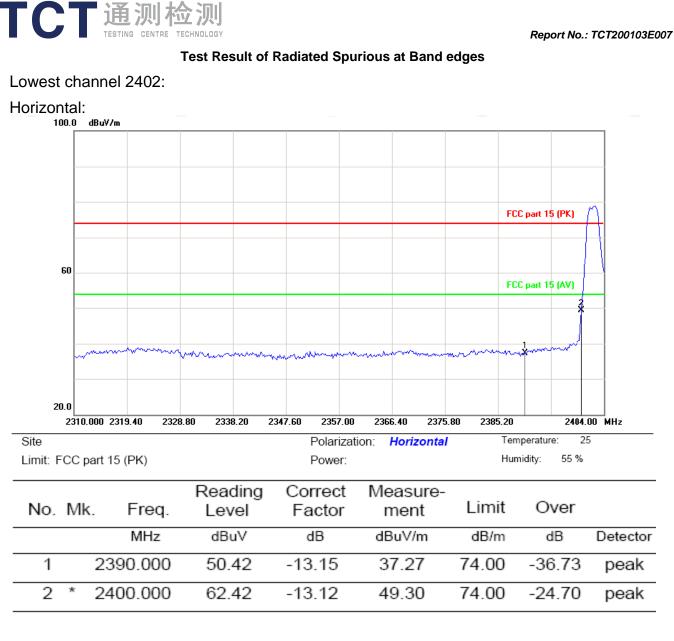
Note: 1. The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported

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

- 3. Freq. = Emission frequency in MHz.
- Measurement $(dB\mu V/m) = Reading level (dB\mu V) + Corr. Factor (dB)$ Correction Factor= Antenna Factor + Cable loss – Pre-amplifier. Limit (dB μ V/m) = Limit stated in standard Margin (dB) = Measurement (dB μ V/m) – Limits (dB μ V/m) Any value more than 10dB below limit have not been specifically reported.

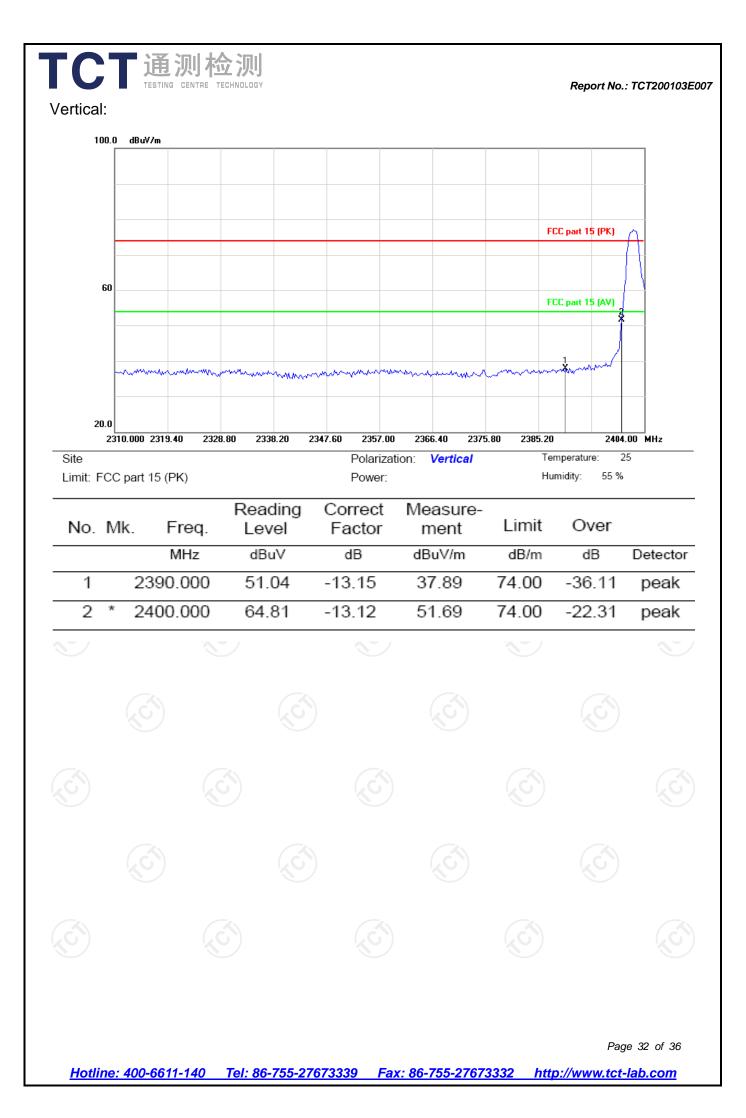
* is meaning the worst frequency has been tested in the test frequency range

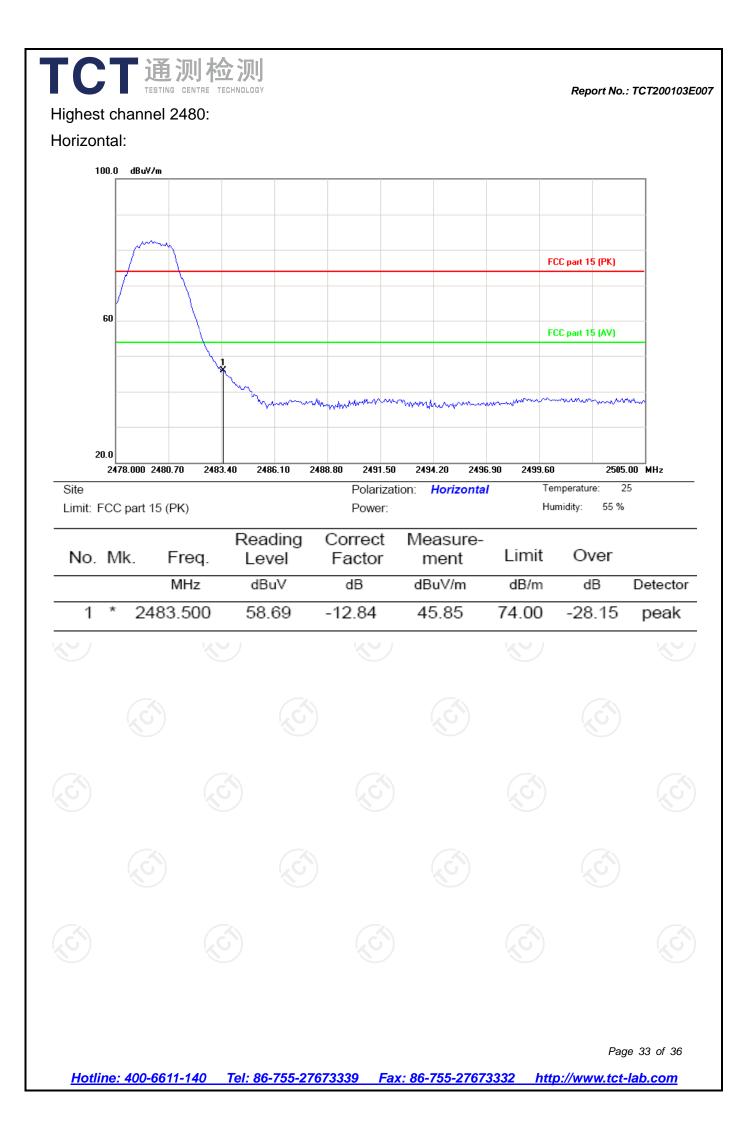
Page 30 of 36

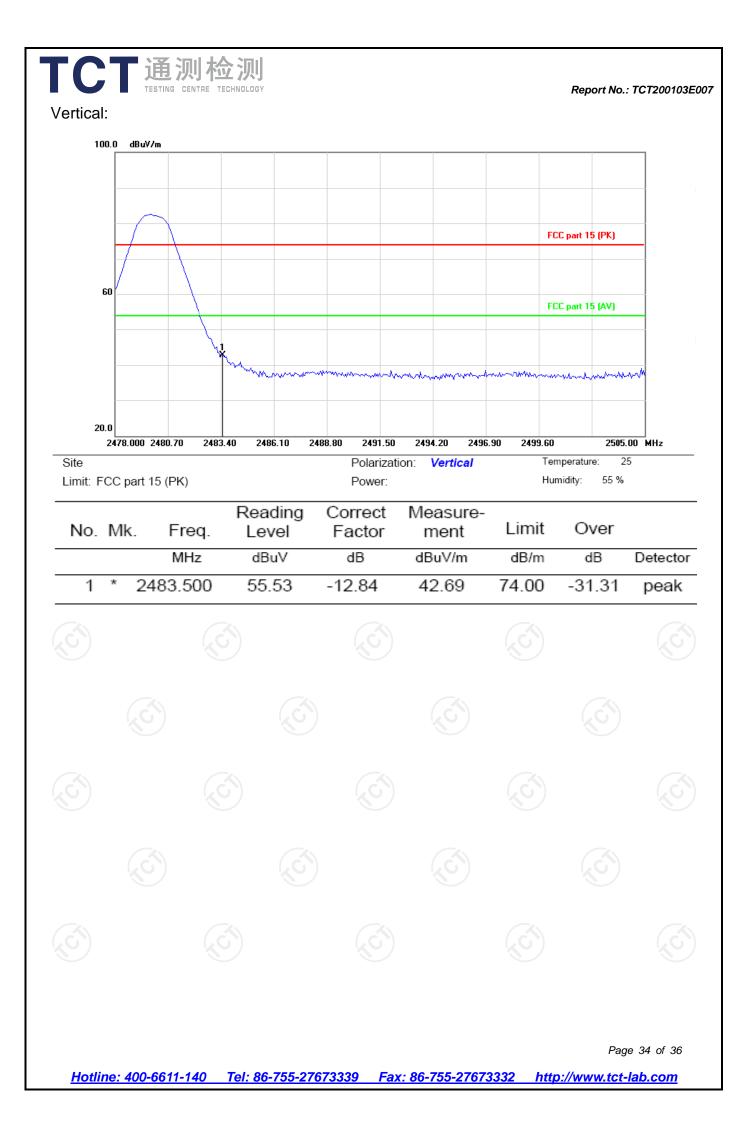




Page 31 of 36







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	A \ /	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4804	Н	46.28		0.66	46.94		74	54	-7.06
7206	Н	36.51		9.50	46.01		74	54	-7.99
	Н								
4804	V	45.93		0.66	46.59	×	74	54	-7.41
7206	ΟV	37.60	-420	9.50	47.10		74	54	-6.90
	V								

Middle channel: 2440 MHz

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Frequency	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)			(dBµV/m)	(dB)
4880	Н	45.17		0.99	46.16		74	54	-7.84
7320	Н	39.82		9.85	49.67		74	54	-4.33
	Н			·	(
			K.)					
4880	V	44.09		0.99	45.08		74	54	-8.92
7320	V	38.45		9.85	48.30		74	54	-5.70
	V								(

High channel: 2480 MHz

	Peak AV		Correction	Emission Level		Peak limit	AV limit	Margin	
(MHz)		reading (dBµV)	Factor (dB/m)	Peak (dBµV/m)			(dBµV/m)	(dB)	
4960	Н	46.36		1.33	47.69	<u> </u>	74	54	-6.31
7440	Н	38.74		10.22	48.96	<u> </u>	74	54	-5.04
	Н								
4960	V	45.91		1.33	47.24		74	54	-6.76
7440	V	37.23		10.22	47.45		74	54	-6.55
	V			2	J				

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.

6. All the restriction bands are compliance with the limit of 15.209.

