TEST REPORT FCC ID: 2AQ4G-SSB504R **Product: Mobile phone** Model No.: SSB504R Additional Model No.: N/A **Trade Mark: Maze Speed** Report No.: TCT180831E040 Issued Date: Sep. 25, 2018 Issued for: Shenzhen Link Win Technology Co., Ltd 9F, Zhengqilong Industrial Building, 1st Rd Gushu, Xixiang, Bao'an, Shenzhen, China Issued By: Shenzhen Tongce Testing Lab. 1B/F., Building 1, Yibaolai Industrial Park, Qiaotou, Fuyong, Baoan District,

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TCT通测检测 1. Test Certification

Mobile phone			
SSB504R			G
N/A			
Maze Speed			
Shenzhen Link Win Tech	nology Co., Ltd		
9F, Zhengqilong Industria Shenzhen, China	al Building, 1st Ro	l Gushu, Xixi	iang, Bao'an,
Shenzhen Link Win Tech	nology Co., Ltd		
9F, Zhengqilong Industria Shenzhen, China	al Building, 1st Ro	l Gushu, Xixi	iang, Bao'an,
Sep. 03, 2018 - Sep. 21,	2018		
			G
	SSB504R N/A Maze Speed Shenzhen Link Win Tech 9F, Zhengqilong Industria Shenzhen, China Shenzhen Link Win Tech 9F, Zhengqilong Industria Shenzhen, China Sep. 03, 2018 - Sep. 21, FCC CFR Title 47 Part 1	SSB504R N/A Maze Speed Shenzhen Link Win Technology Co., Ltd 9F, Zhengqilong Industrial Building, 1st Ro Shenzhen, China Shenzhen Link Win Technology Co., Ltd 9F, Zhengqilong Industrial Building, 1st Ro Shenzhen, China Sep. 03, 2018 - Sep. 21, 2018 FCC CFR Title 47 Part 15 Subpart C Sect	SSB504R N/A Maze Speed Shenzhen Link Win Technology Co., Ltd 9F, Zhengqilong Industrial Building, 1st Rd Gushu, Xixi Shenzhen, China Shenzhen Link Win Technology Co., Ltd 9F, Zhengqilong Industrial Building, 1st Rd Gushu, Xixi Shenzhen, China

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

Tested By:	Brews Yu	Date:	Sep. 21, 2018	
Reviewed By:	Brews Xu Berf there	Date:	Sep. 25, 2018	Ś
Approved By:	Beryl Zhao TomSin	Date:	Sep. 25, 2018	_
	Tomsin	-		(S)
			Page	e 3 of 32

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2. Test Result Summary

	irement		CFR 47 Se	ection		Result	
Antenna r	requirement	§	15.203/§15	.247 (c)	S	PASS	K
	ne Conducted		§15.20)7		PASS	
	Peak Output		§15.247 (§2.104			PASS	
6dB Emissio	on Bandwidth		§15.247 (§2.104		Ś	PASS	
Power Spe	ctral Density		§15.247	(e)		PASS	
Band	d Edge		1§5.247 §2.1051, §2			PASS	
Spurious	Emission		§15.205/§1 §2.1053, §2		Ś	PASS	
1. PASS: Test i	item meets the requir m does not meet the						
1. PASS: Test i 2. Fail: Test ite 3. N/A: Test ca	-	requirement the test object	ct.	d.			
1. PASS: Test i 2. Fail: Test itel 3. N/A: Test ca	m does not meet the se does not apply to	requirement the test object	ct.	с. d.			
1. PASS: Test i 2. Fail: Test ite 3. N/A: Test ca	m does not meet the se does not apply to	requirement the test object	ct.	d.			
2. Fail: Test ite 3. N/A: Test ca	m does not meet the se does not apply to	requirement the test object	ct.	d.			



3. EUT Description

Product:	Mobile phone
Model No.:	SSB504R
Additional Model No.:	N/A
Trade Mark:	Maze Speed
Hardware Version:	Q9-V2.2
Software Version:	LY-SSB504R_V1.3_20180821
BT Version:	V4.0 (This report is for BLE)
Operation Frequency:	2402MHz~2480MHz
Channel Separation:	2MHz
Number of Channel:	40
Modulation Technology:	GFSK
Antenna Type:	PIFA Antenna
Antenna Gain:	1.2dBi
Power Supply:	Rechargeable Li-ion battery DC 3.8V
AC adapter:	Adapter Information: MODEL: SSB-LW-001 INPUT: AC 100-240V, 50/60Hz Output: DC 5.0V, 1000mA

Operation Frequency each of channel

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
G)1	2404MHz	() 11	2424MHz	21	2444MHz	31	2464MHz
·				·		·	
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
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
, 8	/			

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 %.

No.	Item	MU
9	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. 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 PIFA antenna which permanently attached, and the best case gain of the antenna is 1.2dBi. 902 20 **BTANT** \$ 30 20 0 8 2 60 50 40 MAZE 30 30 2 យាបារបានអ្នកដែរជាតិនិងស្រងព្រះអាចបាត់ចំណើតសម្តាំណាយប្រាយបានអាច 0 TO 60 50 40 30 20 10100 90 80 70 60 50 40 30 20 10 mm



6.2. Conducted Emission

6.2.1. Test Specification

			6		
Test Requirement:	FCC Part15 C Section	15.207			
Test Method:	ANSI C63.10:2013				
Frequency Range:	150 kHz to 30 MHz	(C ¹)	(\mathbf{c})		
Receiver setup:	RBW=9 kHz, VBW=30	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		
Test Mode:	Charging + Transmitting Mode				
Test Procedure:	 The E.U.T is connerimpedance stabilizy 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 interferer emission, the relative the interface cables 	zation network 50uH coupling im nt. ces are also conne ISN that provides with 50ohm term diagram of the line are checke nce. 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		
	ANSI C63.10: 2013	on conducted me	asurement.		
Test Result:	ANSI C63.10: 2013 PASS	on conducted mea	asurement.		

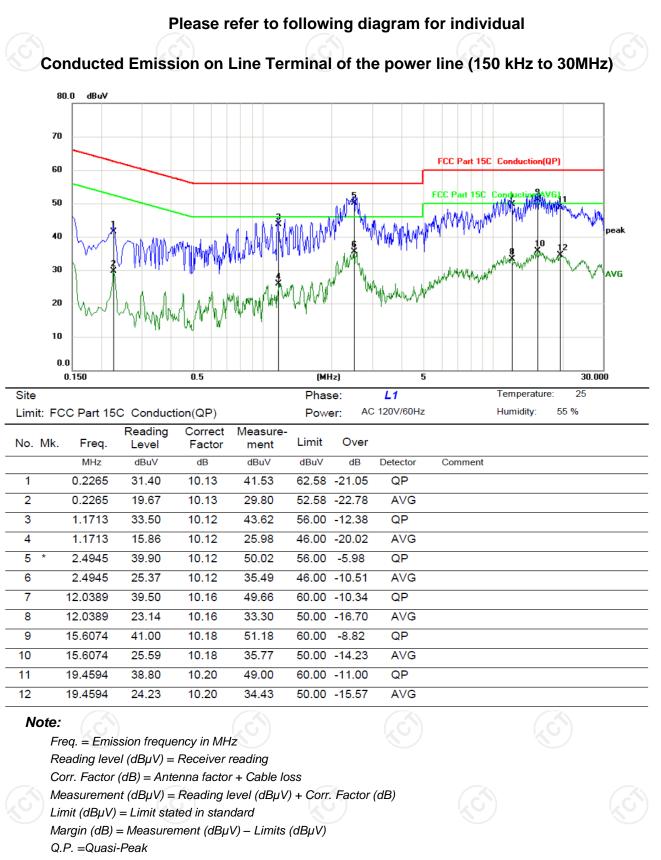
6.2.2. Test Instruments

Conducted Emission Shielding Room Test Site (843)						
Equipment	Manufacturer	Model	Serial Number	Calibration Due		
Test Receiver	R&S	ESPI	101401	Aug. 27, 2019		
LISN	Schwarzbeck	NSLK 8126	8126453	Aug. 27, 2019		
Coax cable (9KHz-30MHz)	тст	CE-05	N/A	Aug. 27, 2019		
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).

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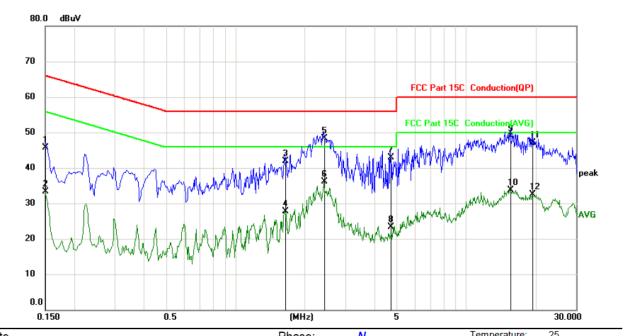
6.2.3. Test data



AVG =average

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

Report No.: TCT180831E040



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

er: AC 120V/60Hz Humidity: 55 %
Over
dB Detector Comment
-20.38 QP
-22.69 AVG
-14.18 QP
-18.34 AVG
-7.78 QP
-9.88 AVG
-13.17 QP
-22.66 AVG
-11.02 QP
-16.33 AVG
-12.90 QP
-17.42 AVG

Note1:

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> 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.

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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	Agilent	N9020A	MY49100060	Aug. 27, 2019	
RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Aug. 27, 2019	
Antenna Connector	ТСТ	RFC-01	N/A	Aug. 27, 2019	

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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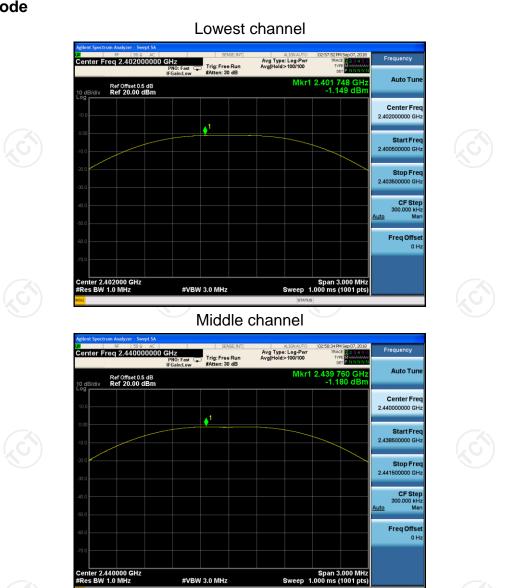
BT LE mode			
Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
Lowest	-1.15	30.00	PASS
Middle	-1.18	30.00	PASS
Highest	-1.65	30.00	PASS

Test plots as follows:

S	lots as follov	ws:						
							Paga	14 of 32
<u>Hotlin</u>	ne: 400-6611	-140 Tel: 8	86-755-27673	3339 Fax:	<u>86-755-2767</u>	' <u>3332 http</u>	.//www.tct-la	

BT LE mode

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Highest channel



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6.4. Emission Bandwidth

6.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)
Test Method:	KDB558074	
Limit:	>500kHz	(\mathcal{C})
Test Setup:		EUT
Test Mode:	Spectrum Analyzer Refer to item 4.1	
Test Procedure:	 The testing follows FCC KDB DTS D01 Meas. Guidance v0 Set to the maximum power se EUT transmit continuously. Make the measurement with t resolution bandwidth (RBW) Video bandwidth (VBW) = 30 an accurate measurement. T be greater than 500 kHz. Measure and record the result 	04. tting and enable the he spectrum analyzer's = 100 kHz. Set the 0 kHz. In order to make he 6dB bandwidth must
Test Result:	PASS	

6.4.2. Test Instruments

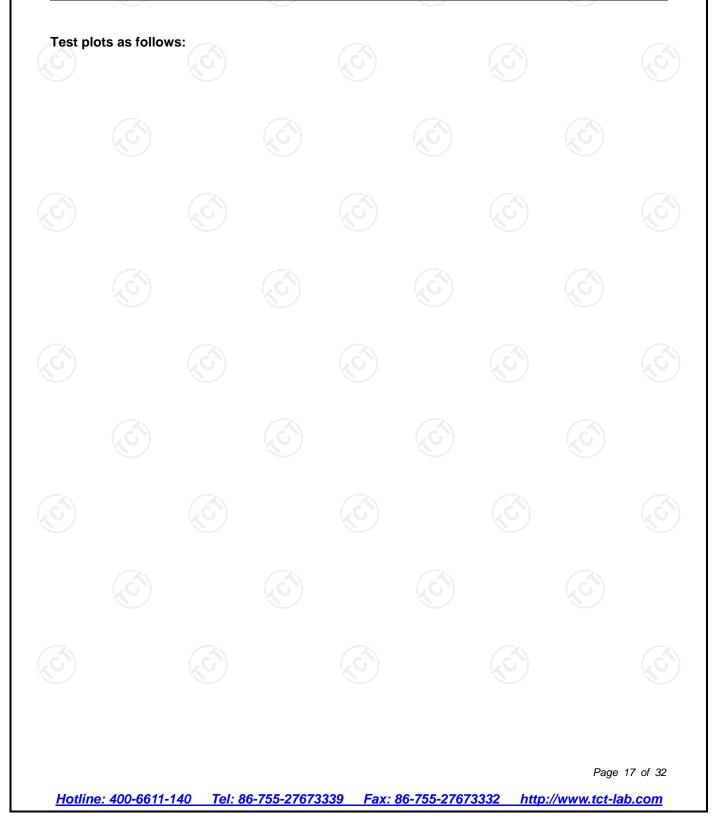
RF Test Room					
Equipment	Manufacturer	Model	Serial Number	Calibration Due	
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 27, 2019	
RF cable (9kHz-26.5GHz)	🕥 тст	RE-06	N/A	Aug. 27, 2019	
Antenna Connector	ТСТ	RFC-01	N/A	Aug. 27, 2019	

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 Bandwidth (kHz)				
(Test channel	BT LE mode	Limit	Result		
0	Lowest	719.2	>500k	C C		
	Middle	714.9	>500k	PASS		
	Highest	712.9	>500k			



BT LE mode

Lowest channel



Middle channel



Highest channel



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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 v04 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
Test Result:	PASS

6.6.1. Test Instruments

RF Test Room					
Equipment	ent Manufacturer Model Serial Numb		Serial Number	Calibration Due	
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 27, 2019	
RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Aug. 27, 2019	
Antenna Connector	тст	RFC-01	N/A	Aug. 27, 2019	

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

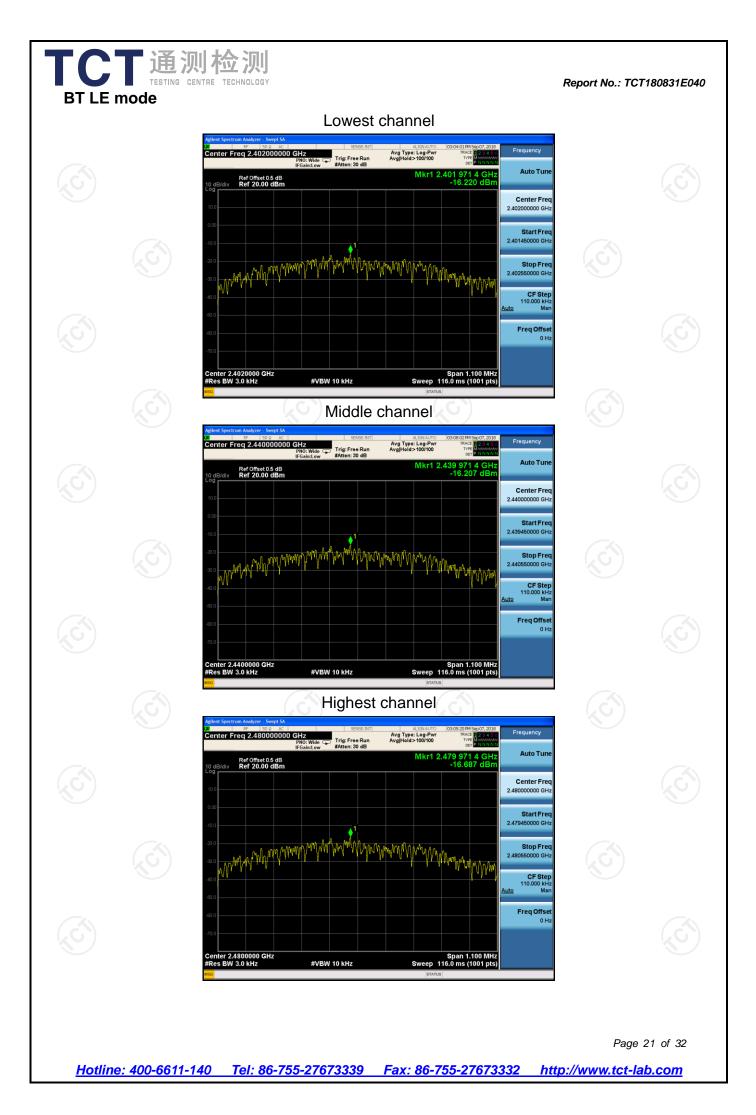
6.6.2. Test data

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Toot chonnol	Power Spectral Density (dBm/3kHz)			
Test channel	BT LE mode	Limit	Result	
Lowest	-16.22	8 dBm/3kHz		
Middle	-16.21	8 dBm/3kHz	PASS	
Highest	-16.69	8 dBm/3kHz		

Test plots as follows:

C	as lonov	vs:						
Hotline	ə: 400-6611-	- <u>140 Tel:</u> 8	36-755-27673	3339 Fax:	<u>86-755-2767</u>	<u>3332 http</u>	Page ://www.tct-la	20 of 32 1 b.com



6.7. Conducted Band Edge and Spurious Emission Measurement

6.7.1. Test Specification

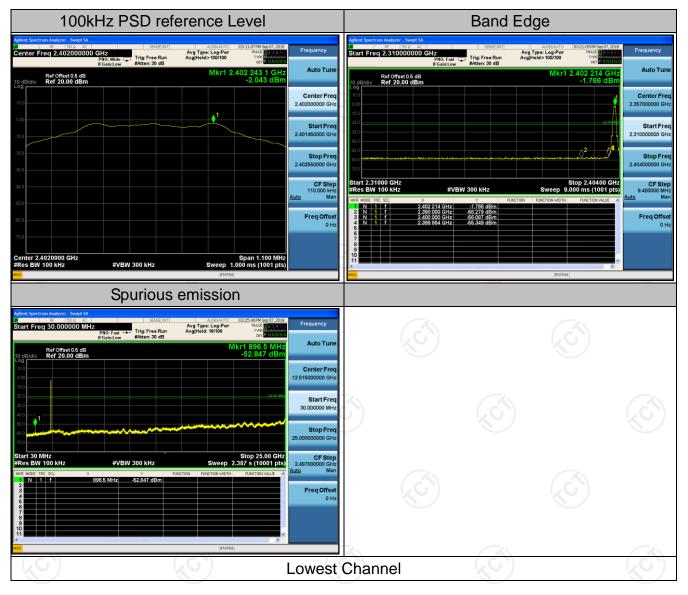
Test Requirement:	FCC Part15 C Section 15.247 (d)				
Test Method:	KDB558074				
Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB 30dB relative to the maximum PSD level in 100 kHz by RF conducted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

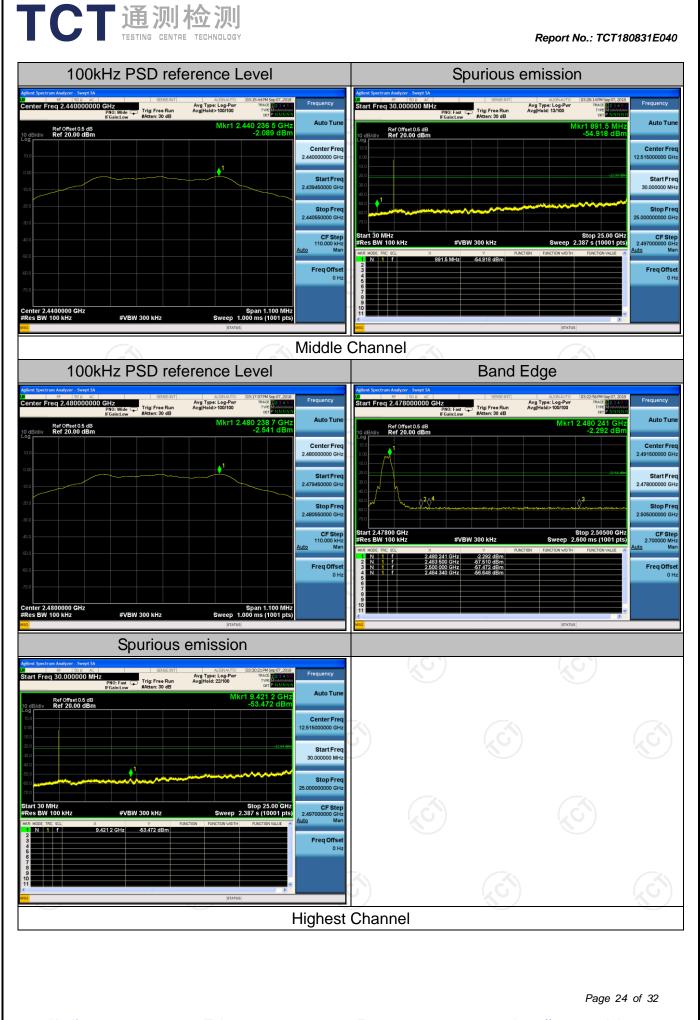
RF Test Room											
Equipment	Manufacturer	Model	Serial Number	Calibration Due							
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 27, 2019							
RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Aug. 27, 2019							
Antenna Connector	тст	RFC-01	N/A	Aug. 27, 2019							

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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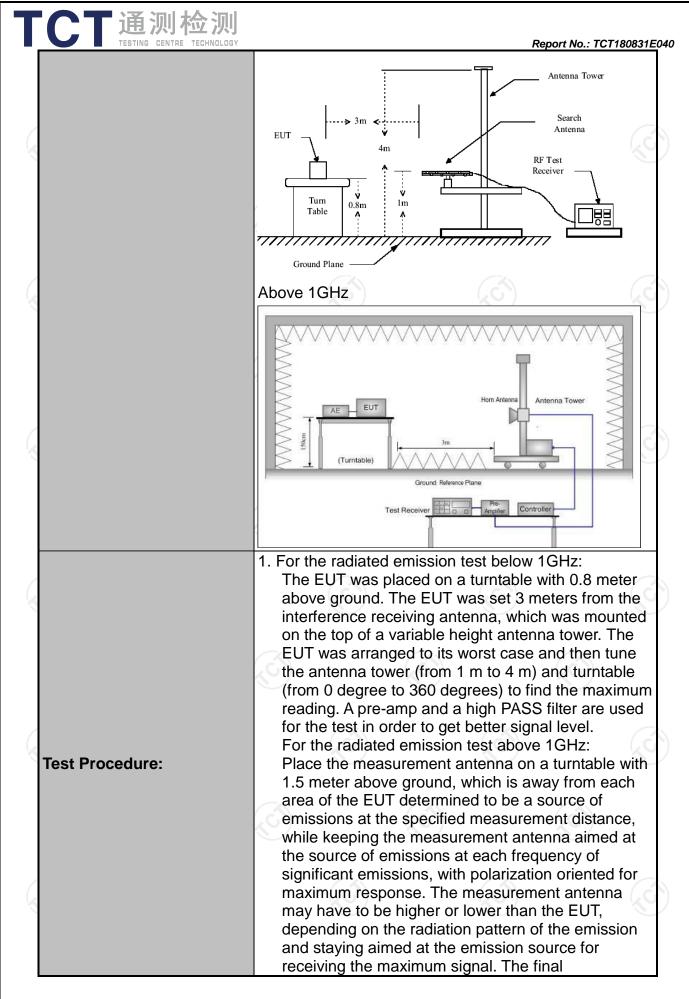


6.8.1. Test Specification

TCT通测检测 TESTING CENTRE TECHNOLOGY

Test Requirement:	FCC Part15	C Sectior	15.209							
Test Method:	ANSI C63.10): 2013								
Frequency Range:	9 kHz to 25 GHz									
Measurement Distance:	3 m	X	9		K	2				
Antenna Polarization:	Horizontal & Vertical									
Operation mode:	Refer to item	n 4.1	(.C1)						
	Frequency 9kHz- 150kHz 150kHz-	Detector Quasi-peal Quasi-peal		VBW 1kHz 30kHz		Remark si-peak Value si-peak Value				
Receiver Setup:	30MHz		\mathbf{G}		6					
	30MHz-1GHz Above 1GHz	Quasi-peal Peak	100KHz	300KHz 3MHz		si-peak Value 'eak Value				
	Above TGTI2	Peak	1MHz	10Hz	Av	erage Value				
	Frequen		Field Stre (microvolts	/meter)	Measurement Distance (meters)					
	0.009-0.4		2400/F(KHz) 24000/F(KHz)		300					
	1.705-3	1	30	rxi i <i>z)</i>	30					
	30-88		100		3					
	88-216		150		3					
Limit:	216-960		200			3				
	Above 960		500			3				
	Frequency Above 1GH	(micro	eld Strength crovolts/meter) Measure Distai (mete 500 3 5000 3		се	Detector Average Peak				
Test setup:	For radiated	Distance = 3m	s below 30)MHz		Computer - Amplifier -				

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	Report No.: TCT180831E
	 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 level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported. Use the following spectrum analyzer settings: 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. 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

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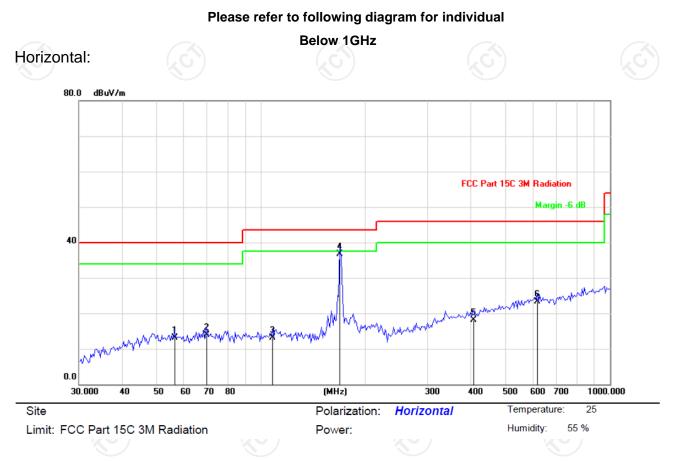


6.8.2. Test Instruments

Radiated Emission Test Site (966)									
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due					
Test Receiver	ROHDE&SCHW ARZ	ESVD	100008	Aug. 27, 2019					
Spectrum Analyzer	ROHDE&SCHW ARZ	FSQ	200061	Aug. 27, 2019					
Pre-amplifier	EM Electronics Corporation CO.,LTD	EM30265	07032613	Aug. 27, 2019					
Pre-amplifier	HP	8447D	2727A05017	Aug. 27, 2019					
Loop antenna	ZHINAN	ZN30900A	12024	Aug. 27, 2019					
Broadband Antenna	Schwarzbeck	VULB9163	340	Aug. 27, 2019					
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Aug. 27, 2019					
Horn Antenna	Schwarzbeck	BBH 9170	582	Aug. 27, 2019					
Antenna Mast	Keleto	CC-A-4M	N/A	N/A					
Coax cable (9KHz-1GHz)	тст	RE-low-01	N/A	Aug. 27, 2019					
Coax cable (9KHz-40GHz)	тст	RE-high-02	N/A	Aug. 27, 2019					
Coax cable (9KHz-1GHz)	тст	RE-low-03	N/A	Aug. 27, 2019					
Coax cable (9KHz-40GHz)	тст	RE-high-04	N/A	Aug. 27, 2019					
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		56.4662	26.65	-13.46	13.19	40.00	-26.81	QP			
2		69.7179	31.25	-17.43	13.82	40.00	-26.18	QP			
3		107.7853	26.33	-13.32	13.01	43.50	-30.49	QP			
4	* •	167.8136	52.88	-16.08	36.80	43.50	-6.70	QP			
5	4	406.7819	26.66	-8.62	18.04	46.00	-27.96	QP			
6	(320.1167	28.22	-4.85	23.37	46.00	-22.63	QP			

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Vertical:

336.4817

611.4623

5 6 33.25

26.25

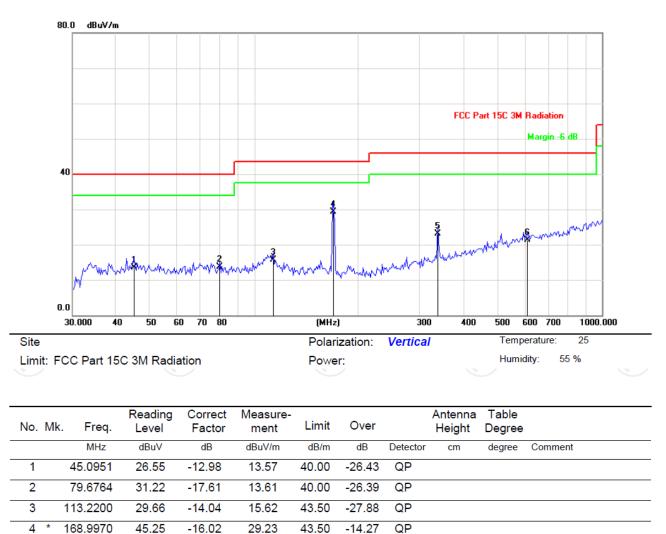
-10.12

-4.86

23.13

21.39

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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

46.00

46.00

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

-22.87

-24.61

QP

QP

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-4.28

Above 1GHz

				/					
Low channe	el: 2402 N	1Hz							
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
2390	Η	46.14		-7.52	38.62		74	54	-15.38
4804	Н	41.32		7.44	48.76		74	54	-5.24
7206	Н	35.98		13.54	49.52		74	54	-4.48
	H								
((G			
2390	V	45.47		-7.52	37.95		74	54	-16.05
4804	V	42.23		7.44	49.67		74	54	-4.33
7206	V	36.09		13.54	49.63		74	54	-4.37
·	V			(
$G^{}$		(20)			<u>(ر</u>		(20)		
Middle chai	nnel: 2440)MHz		<u> </u>			V		Q
Frequency		Peak reading	AV reading	Correction Factor	Emissic Peak	on Level AV	Peak limit		Margin
(MHz)	H/V	(dBµV)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(aehv/w)	(dBµV/m)	(dB)
4880	ZGH)	41.15	-4,0	7.01	48.16	<u>G</u>	74	54	-5.84
7320	T T	35.74		13.21	48.95	<u> </u>	74	54	-5.05
	Н								
4880	V	42.03		7.01	49.04		74	54	-4.96

High	channel:	2480	MHz

V

V

7320

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i ligit chatti	ICI. 2400 IV					C 11.			
Frequency	Frequency Ant. Pol.	Pol. Peak A		Correction		on Level	Peak limit	AV limit	Margin
	reading (dBµV)	reading (dBµV)	Factor (dB/m)	Peak (dBµV/m)		(dBµV/m)		(dB)	
2483.5	Н	46.93		-7.52	39.41		74	54	-14.59
4960	Н	41.16		7.44	48.60		74	54	-5.40
7440	Н	34.02		13.54	47.56		74	54	-6.44
)	Н			'\)		····		
2483.5	V	48.87		-7.52	41.35		74	54	-12.65
4960	V	42.05		7.44	49.49	~~	74	54	-4.51
7440	V	34.31		13.54	47.85	<u>, C -</u>	74	54	-6.15
	V								

13.21

36.51

49.72

74

54

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.

