# **FCC Test Report**

APPLICANT : CT Asia (HK) Ltd.

**EQUIPMENT** : 3G Carphone

BRAND NAME : BLU

MODEL NAME : ZOEY 3G

FCC ID : YHLBLUZOEY3G

STANDARD : FCC 47 CFR FCC Part 15 Subpart B

**CLASSIFICATION**: Certification

The product was received on Aug. 27, 2015 and testing was completed on Sep. 14, 2015. We, SPORTON INTERNATIONAL (SHENZHEN) INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2009 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL (SHENZHEN) INC., the test report shall not be reproduced except in full.

Reviewed by: Louis Wu / Manager

Louis Wu

Approved by: Jones Tsai / Manager

# SPORTON INTERNATIONAL (SHENZHEN) INC.

1F & 2F, Building A, Morning Business Center, No. 4003 ShiGu Rd., Xili Town, Nanshan District, Shenzhen, Guangdong, P. R. China

SPORTON INTERNATIONAL (SHENZHEN) INC.

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**Report No.: FC582709** 

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## **REVISION HISTORY**

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC582709	Rev. 01	Initial issue of report	Sep. 24, 2015

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## **SUMMARY OF TEST RESULT**

Report Section	FCC Rule	IC Rule	Description	Limit	Result	Remark
3.1	15.107	ICES003 Section 6.1	AC Conducted Emission	< 15.107 limits < ICES003 6.1 limits	PASS	Under limit 7.14 dB at 0.500 MHz
3.2	15.109	ICES003 Section 6.2	Radiated Emission	< 15.109 limits < ICES003 6.2 limits	PASS	Under limit 3.08 dB at 41.610 MHz for Quasi-Peak

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# 1. General Description

## 1.1. Applicant

CT Asia (HK) Ltd.

Unit1309-11, 13th Floor 9 Wing Hong Street Cheung Sha Wan Kowloon, Hong Kong

#### 1.2. Manufacturer

CT Asia (HK) Ltd.

Unit1309-11, 13th Floor 9 Wing Hong Street Cheung Sha Wan Kowloon, Hong Kong

### 1.3. Product Feature of Equipment Under Test

Product Feature					
Equipment	3G Carphone				
Brand Name	BLU				
Model Name	ZOEY 3G				
FCC ID	YHLBLUZOEY3G				
EUT supports Radios application	GSM/GPRS/EGPRS(Downlink Only)//WCDMA/HSPA Bluetooth v2.1+EDR				
IMEI Code	Conduction: 866313028488864/866313028488872 Radiation: 866313028488906/866313028488914				
HW Version	3703-V0.1				
SW Version	3703_01B_CFZZ_BLU_QQVGA_Y18_BT_FM_SC_V01_2015 0819_1314				
EUT Stage	Pre-Production				

Remark:

The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

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# 1.4. Product Specification subjective to this standard

Product Specification subjective to this standard				
Tx Frequency	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz Bluetooth: 2402 MHz ~ 2480 MHz			
Rx Frequency	GSM850: 869.2 MHz ~ 893.8 MHz GSM1900: 1930.2 MHz ~ 1989.8 MHz WCDMA Band V: 871.4 MHz ~ 891.6 MHz WCDMA Band II: 1932.4 MHz ~ 1987.6 MHz Bluetooth: 2402 MHz ~ 2480 MHz			
Antenna Type	WWAN : PIFA Antenna Bluetooth : Core Antenna			
Type of Modulation	GSM: GMSK GPRS: GMSK EDGE(MCS 0-4): GMSK / (MCS 5-9): 8PSK(Downlink Only) WCDMA: QPSK (Uplink) HSDPA: QPSK (Uplink) HSUPA: QPSK (Uplink) Bluetooth (1Mbps): GFSK Bluetooth (2Mbps): $\pi$ /4-DQPSK Bluetooth (3Mbps): 8-DPSK			

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#### 1.5. Modification of EUT

No modifications are made to the EUT during all test items.

#### 1.6. Test Location

Test Site SPORTON INTERNATIONAL (SHENZHEN) INC.				
	1F & 2F,Building A, Morning Business Center, No. 4003 ShiGu Rd., Xili Town,			
	Nanshan District, Shenzhen, Guangdong, P. R. China			
Test Site Location	TEL: +86-755-8637-9589			
	FAX: +86-755-8637-9595			
Toot Site No	Sporton Site No.			
Test Site No.	CO01-SZ			

Test Site	SPORTON INTERNATIONAL (SHENZHEN) INC.				
Test Site Location	No. 3 Building, the third floor of south, Shahe River west, Fengzeyuan warehouse, Nanshan District, Shenzhen, Guangdong, P. R. China				
	TEL: +86-755- 3320-2398				
Test Site No.	Sporton Site No.	FCC/IC Registration No.			
rest site No.	03CH01-SZ	831040/4086F			

Note: The test site complies with ANSI C63.4 2009 requirement.

## 1.7. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC 47 CFR FCC Part 15 Subpart B
- ANSI C63.4-2009
- IC ICES-003 Issue 5
- IC RSS-Gen Issue 4

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

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# 2. Test Configuration of Equipment Under Test

#### 2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2009 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction (150 kHz to 30 MHz), radiation (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

The following tables are showing the test modes as the worst cases and recorded in this report.

		Te	est Condition		
Item	EUT Configuration		EMI RE<1G	EMI RE≥1G	
1.	Charging Mode (EUT with adapter)	AC 🖂			
2.	Data application transferred mode (EUT with notebook)	$\boxtimes$	$\boxtimes$	$\boxtimes$	

#### Abbreviations:

EMI AC: AC conducted emissions

EMI RE ≥ 1G: EUT radiated emissions ≥ 1GHz

EMI RE < 1G: EUT radiated emissions < 1GHz

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Test Items	EUT Configure Mode	Function Type
		Mode 1: GSM850 Idle + Bluetooth Idle + Adapter + Earphone + Camera + SIM 1 <fig.1></fig.1>
AC Conducted Emission	1/2	Mode 2: GSM1900 Idle + Bluetooth Idle + Adapter + Earphone + MPEG4 + SIM 2 <fig.1></fig.1>
		Mode 3: WCDMA Band II Idle + Bluetooth Idle + Earphone + USB Cable (Data Link with Notebook) + SIM 1 <fig.2></fig.2>
	1/2	Mode 1: GSM850 Idle + Bluetooth Idle + Adapter + Earphone + Camera + SIM 1 <fig.1></fig.1>
Radiated Emissions < 1GHz		Mode 2: GSM1900 Idle + Bluetooth Idle + Adapter + Earphone + MPEG4 + SIM 2 <fig.1></fig.1>
		Mode 3: WCDMA Band II Idle + Bluetooth Idle + Earphone + USB Cable (Data Link with Notebook) + SIM 1 <fig.2></fig.2>
Radiated	1/2	Mode 1: GSM850 Idle + Bluetooth Idle + Adapter + Earphone + Camera + SIM 1 <fig.1></fig.1>
Emissions ≥ 1GHz		Mode 2: WCDMA Band II Idle + Bluetooth Idle + Earphone + USB Cable (Data Link with Notebook) + SIM 1 <fig.2></fig.2>

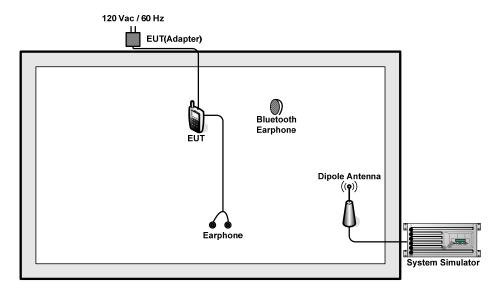
#### Remark:

- 1. The worst case of AC is mode 2; and the USB Link mode of AC is mode 3, the test data of these modes were reported.
- 2. The worst case of RE < 1G is mode 1; and the USB Link mode of RE is mode 3, the test data of these modes were reported.
- Data Link with Notebook means data application transferred mode between EUT and Notebook.

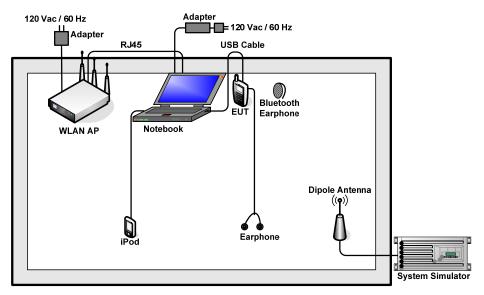
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# 2.2. Connection Diagram of Test System



<Fig.1>



<Fig.2>

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# 2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	WLAN AP	ASUSTek	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 2.7 m
3.	WLAN AP	D-Link	DIR-615	N/A	N/A	Unshielded, 1.8 m
4.	Bluetooth Earphone	Nokia	BH-108	PYAHS-107W	N/A	N/A
5.	Bluetooth Earphone	Lenovo	LBH301	PYAHS-107W	N/A	N/A
6.	Notebook	Lenovo	E540	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
7.	SD Card	SanDisk	4G class 4	FCC DoC	N/A	N/A
8.	iPod nano 8GB	Apple	MC690 ZP/A	FCC DoC	Shielded, 1.2m	N/A
9.	iPod Earphone	Apple	MC690 ZP/A	FCC DoC	Unshielded, 1.6m	N/A

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#### 2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator's paging reorganization.

At the same time, the EUT was attached to the Bluetooth earphone, and the following programs installed in the EUT were programmed during the test.

- 1. Data application is transferred between Notebook and EUT via USB cable.
- 2. Execute "Video player" to play MPEG4 files.
- 3. Turn on camera to capture images.

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#### 3. Test Result

#### 3.1. Test of AC Conducted Emission Measurement

#### 3.1.1 Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission	Conducted limit (dBuV)		
(MHz)	Quasi-peak	Average	
0.15-0.5	66 to 56*	56 to 46*	
0.5-5	56	46	
5-30	60	50	

<sup>\*</sup>Decreases with the logarithm of the frequency.

#### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

#### 3.1.3 Test Procedure

- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

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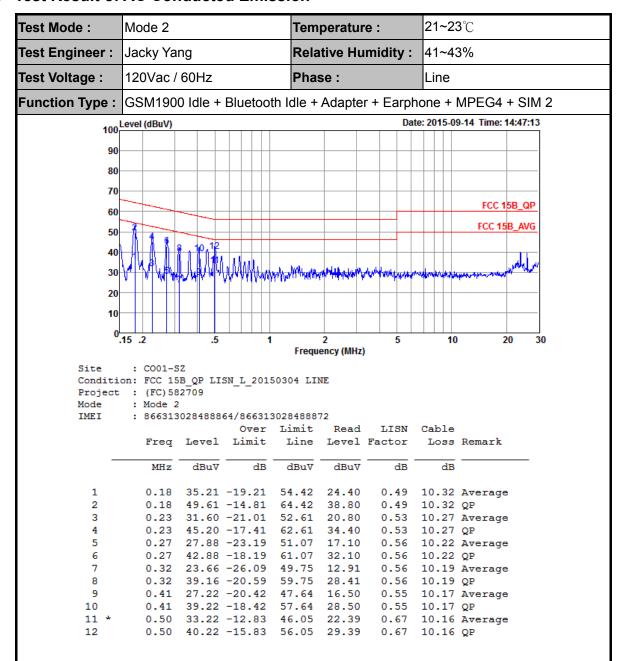
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#### 3.1.4 Test Setup



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#### 3.1.5 Test Result of AC Conducted Emission

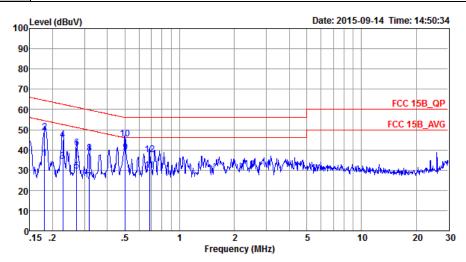


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Test Mode :	Mode 2	Temperature :	<b>21~23</b> ℃	
Test Engineer :	Jacky Yang	Relative Humidity :	41~43%	
Test Voltage :	120Vac / 60Hz	Phase :	Neutral	
F All and T a	COMMON Lille & Physics of Lille & Adamston & Franchisms & MDFOA & OMAG			

Function Type: |GSM1900 Idle + Bluetooth Idle + Adapter + Earphone + MPEG4 + SIM 2



Site : CO01-SZ

Condition: FCC 15B\_QP LISN\_N\_20150304 NEUTRAL

Project : (FC)582709 Mode : Mode 2

IMEI : 866313028488864/866313028488872

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBu∇	dBu∀	dB	dB	
1	0.18	35.71	-18.75	54.46	24.90	0.49	10.32	Average
2	0.18	48.61	-15.85	64.46	37.80	0.49	10.32	QP
3	0.23	34.40	-18.12	52.52	23.60	0.54	10.26	Average
4	0.23	45.10	-17.42	62.52	34.30	0.54	10.26	QP
5	0.27	29.59	-21.48	51.07	18.80	0.57	10.22	Average
6	0.27	41.09	-19.98	61.07	30.30	0.57	10.22	QP
7	0.32	24.48	-25.27	49.75	13.71	0.58	10.19	Average
8	0.32	38.38	-21.37	59.75	27.61	0.58	10.19	QP
9 *	0.50	38.86	-7.14	46.00	28.09	0.61	10.16	Average
10	0.50	45.46	-10.54	56.00	34.69	0.61	10.16	QP
11	0.68	30.00	-16.00	46.00	19.30	0.55	10.15	Average
12	0.68	37.80	-18.20	56.00	27.10	0.55	10.15	QP

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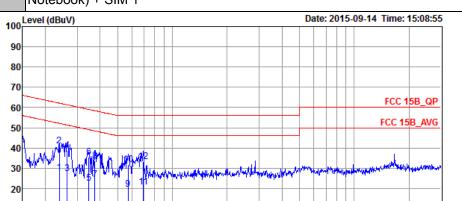


Test Mode : Mode 3 Temperature : 21~23°C

Test Engineer : Jacky Yang Relative Humidity : 41~43%

Test Voltage : 120Vac / 60Hz Phase : Line

WCDMA Band II Idle + Bluetooth Idle + Earphone + USB Cable (Data Link with Notebook) + SIM 1



Frequency (MHz)

Site : CO01-SZ

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Condition: FCC 15B\_QP LISN\_L\_20150304 LINE

Project : (FC)582709 Mode : Mode 3

IMEI : 866313028488864/866313028488872

	_		Over	Limit	Read	LISN	Cable	
	Freq	Level	Limit	Line	Tevel	Factor	Loss	Remark
	MHz	dBu∀	dB	dBu₹	dBu∀	dB	dB	
1	0.24	27.69	-24.44	52.13	16.90	0.54	10.25	Average
2 *	0.24	40.89	-21.24	62.13	30.10	0.54	10.25	QP
3	0.26	27.38	-23.91	51.29	16.59	0.56	10.23	Average
4	0.26	38.58	-22.71	61.29	27.79	0.56	10.23	QP
5	0.35	22.64	-26.41	49.05	11.89	0.56	10.19	Average
6	0.35	35.34	-23.71	59.05	24.59	0.56	10.19	QP
7	0.38	24.52	-23.87	48.39	13.79	0.55	10.18	Average
8	0.38	33.42	-24.97	58.39	22.69	0.55	10.18	QP
9	0.57	19.47	-26.53	46.00	8.70	0.62	10.15	Average
10	0.57	31.57	-24.43	56.00	20.80	0.62	10.15	QP
11	0.69	20.79	-25.21	46.00	10.10	0.54	10.15	Average
12	0.69	33.19	-22.81	56.00	22.50	0.54	10.15	QP

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**21~23**℃ Test Mode: Mode 3 Temperature: Test Engineer: Jacky Yang Relative Humidity: 41~43% 120Vac / 60Hz Phase: Test Voltage: Neutral WCDMA Band II Idle + Bluetooth Idle + Earphone + USB Cable (Data Link with Function Type: Notebook) + SIM 1 100 Level (dBuV) Date: 2015-09-14 Time: 15:05:15 90 80 70 FCC 15B\_QP 60 FCC 15B\_AVG 50 30 20 10 .15 .2 10 20 30 Frequency (MHz) Site : CO01-SZ Condition: FCC 15B\_QP LISN\_N\_20150304 NEUTRAL Project : (FC) 582709 Mode : Mode 3 TMET : 866313028488864/866313028488872 Over Limit Read LISN Cable Freq Level Limit Line Level Factor Loss Remark dBu∀ dBu∀ dB dB dBuV MHz dB 1 0.24 32.30 -19.78 52.08 21.50 0.55 10.25 Average 0.24 45.90 -16.18 62.08 0.55 10.25 QP 2 35.10 3 0.26 33.60 -17.69 51.29 22.80 0.57 10.23 Average 0.26 45.80 -15.49 61.29 35.00 0.35 30.85 -18.15 49.00 20.09 0.57 10.23 QP 0.57 10.19 Average 5 0.35 41.95 -17.05 59.00 31.19 0.57 10.19 QP 7 0.40 25.72 -22.18 47.90 15.00 0.40 39.92 -17.98 57.90 29.20 0.55 10.17 Average 0.55 10.17 QP 8 0.57 27.04 -18.96 46.00 16.30 9 0.59 10.15 Average 0.57 41.24 -14.76 56.00 30.50 0.69 26.70 -19.30 46.00 16.00 0.69 41.40 -14.60 56.00 30.70 0.59 10.15 QP 0.55 10.15 Average 10 11 12 \* 0.55 10.15 QP

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#### 3.2. Test of Radiated Emission Measurement

#### 3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

Frequency	Field Strength	Measurement Distance		
(MHz)	(microvolts/meter)	(meters)		
30 – 88	100	3		
88 – 216	150	3		
216 - 960	200	3		
Above 960	500	3		

### 3.2.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

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#### 3.2.3. Test Procedures

- 1. The EUT was placed on a turntable with 0.8 meter above ground.
- 2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- 6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
- 7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
- 8. Emission level (dB $\mu$ V/m) = 20 log Emission level ( $\mu$ V/m)
- 9. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor = Level

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TEL: 86-755-8637-9589

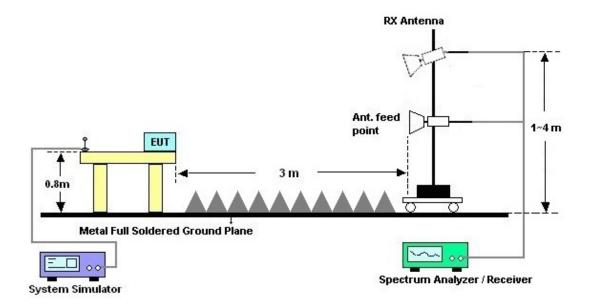
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### 3.2.4. Test Setup of Radiated Emission

#### For radiated emissions from 30MHz to 1GHz



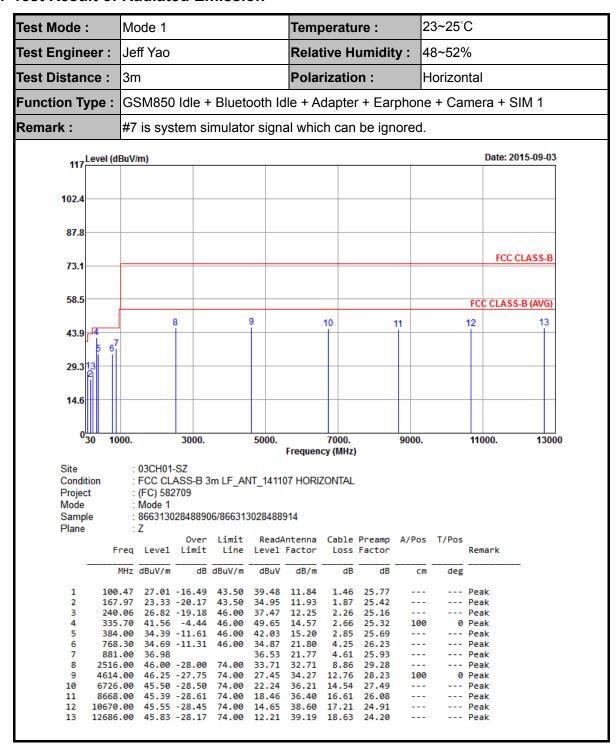
#### For radiated emissions above 1GHz



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#### 3.2.5. Test Result of Radiated Emission



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23~25°C Test Mode: Mode 1 Temperature: Test Engineer: Jeff Yao **Relative Humidity:** 48~52% Polarization: Test Distance: 3m Vertical GSM850 Idle + Bluetooth Idle + Adapter + Earphone + Camera + SIM 1 Function Type: Remark: #7 is system simulator signal which can be ignored. Date: 2015-09-03 Level (dBuV/m) 102.4 87.8 FCC CLASS-B 73.1 58.5 FCC CLASS-B (AVG) 11 13 43.9 29.3 14.6 <sup>0</sup>30 3000. 7000. 9000. 11000. 13000 1000. 5000. Frequency (MHz) Site 03CH01-SZ Condition : FCC CLASS-B 3m LF\_ANT\_141107 VERTICAL Project (FC) 582709 Mode : Mode 1 Sample 866313028488906/866313028488914 Plane : Z Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m deg dB dB cm 41.61 36.92 -3.08 40.00 47.35 14.66 0.91 26.00 100 216.03 26.60 -19.40 46.00 37.82 11.86 2.14 25.22 --- Peak 30.52 -15.48 33.47 -12.53 287.85 46.00 39.41 13.70 2.47 25.06 ------ Peak 41.78 ---311.90 46.00 14.26 2.57 25.14 --- Peak 552.00 30.83 -15.17 46.00 34.15 19.55 3.52 26.39 --- Peak 768.30 31.14 -14.86 46.00 31.32

34.38

34.22

27.24

22.12

17.70

13.36

11.41

74.00

74.00

74.00

74.00

74.00

21.77

32.60

34.37

36.13

36.40

38.76

39.12

4.62

8.60

12.80

16.61

17.62

18.72

25.93

29.38

28.21

26.08

24.76

24.16

881.70

2400.00

4774.00

6934.00

8674.00

10924.00

8

9

10

12

34.84

46.04 -27.96

46.20 -27.80

45.60 -28.40

44.63 -29.37

44.98 -29.02

12800.00 45.09 -28.91 74.00

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100

--- Peak

--- Peak

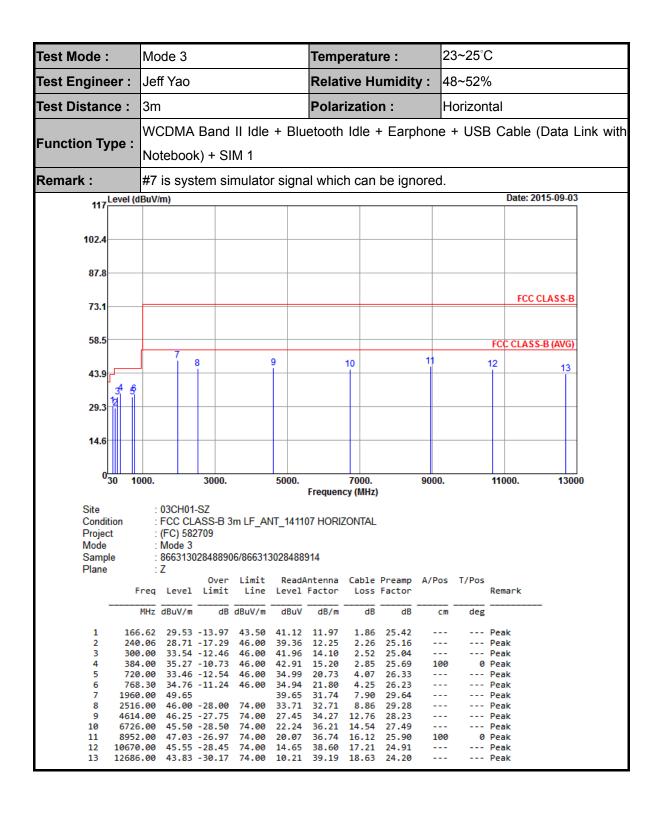
0 Peak

--- Peak

--- Peak

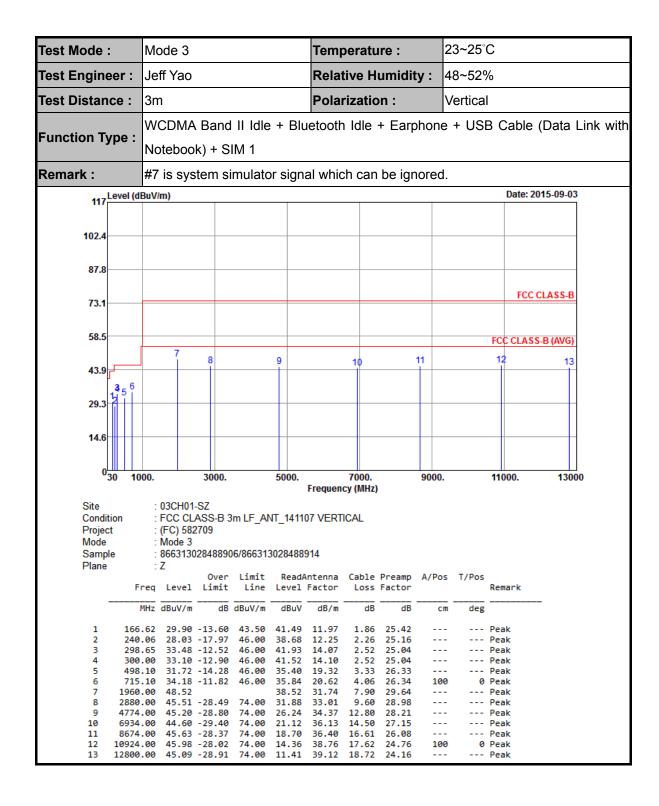
--- Peak

--- Peak



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FCC Test Report



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# 4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Receiver	R&S	ESCI7	100724	9kHz~3GHz;	Jan. 28, 2015	Sep. 14, 2015	Jan. 27, 2016	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2SH	103892	9kHz~30MHz	Feb. 02, 2015	Sep. 14, 2015	Feb. 01, 2016	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	MessTec	AN3016	16850	9kHz~30MHz	Feb. 02, 2015	Sep. 14, 2015	Feb. 01, 2016	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	61602000089 1	100Vac~250Vac	Aug. 07, 2015	Sep. 14, 2015	Aug. 06, 2016	Conduction (CO01-SZ)
Pulse Limiter	COM-POWER	LIT-153 Transient Limiter	53139	150kHz~30MHz	Oct. 24, 2014	Sep. 14, 2015	Oct. 23, 2015	Conduction (CO01-SZ)
EMI Test Receiver&SA	Agilent Technologies	N9038A	MY52260185	20Hz~26.5GHz	May 26, 2015	Sep. 03, 2015	May 25, 2016	Radiation (03CH01-SZ)
Spectrum Analyzer	R&S	FSV40	101041	10kHz~40GHz; Max 30dBm	Oct. 15, 2014	Sep. 03, 2015	Oct. 14, 2015	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	23188	30MHz~2GHz	Nov. 07, 2014	Sep. 03, 2015	Nov. 06, 2015	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Oct. 15, 2014	Sep. 03, 2015	Oct. 14, 2015	Radiation (03CH01-SZ)
Amplifier	ADVANTEST	BB525C	E9007003	9kHz~3000MHz / 30 dB	Jan. 28, 2015	Sep. 03, 2015	Jan. 27, 2016	Radiation (03CH01-SZ)
Amplifier	Yiai	AV3860B	04030	2GHz~26.5GHz	May 05, 2015	Sep. 03, 2015	May 04, 2016	Radiation (03CH01-SZ)
Amplifier	Agilent Technologies	83017A	MY39501302	500MHz~26.5G Hz	Jan. 28, 2015	Sep. 03, 2015	Jan. 27, 2016	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	61601000198 5	N/A	NCR	Sep. 03, 2015	NCR	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Sep. 03, 2015	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Sep. 03, 2015	NCR	Radiation (03CH01-SZ)

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# 5. Uncertainty of Evaluation

#### <u>Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)</u>

Confidence of 95% (U = 2Uc(y))	Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.3 dB
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#### <u>Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)</u>

Measuring Uncertainty for a Level of	3.9 dB
Confidence of 95% (U = 2Uc(y))	3.9 UD

SPORTON INTERNATIONAL (SHENZHEN) INC.

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