FCC Test Report

APPLICANT : CT Asia

EQUIPMENT: Mobile phone

BRAND NAME : BLU

MODEL NAME : Dash Music 4.5

FCC ID : YHLBLUDASHMC45

STANDARD : FCC 47 CFR FCC Part 15 Subpart B

CLASSIFICATION: Certification

The product was received on Nov. 18, 2014 and testing was completed on Jan. 07, 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.

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SPORTON INTERNATIONAL (SHENZHEN) INC.

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Report Issued Date : Jan. 15, 2015

Report No.: FC4N1805

Report Version : Rev. 01

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC4N1805	Rev. 01	Initial issue of report	Jan. 15, 2015

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SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
					Under limit
3.1	15.107	AC Conducted Emission	< 15.107 limits	PASS	9.17 dB at
					0.530 MHz
					Under limit
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	3.20 dB at
3.2	15.109	Radiated Effilssion	< 15.109 1111118	PASS	165.270 MHz
					for Quasi-Peak

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1. General Description

1.1. Applicant

CT Asia

Unit 01, 15/F, Seaview Centre, 139-141 Hoi bun road, Kwun Tong, Kowloon, Hongkong

1.2. Manufacturer

Tinno Mobile Technology Corp.

4/F, H-3 Building, OCT Eastern industrial Park, No.1 XiangShan East Road., Nan Shan District, Shenzhen, P.R. China

1.3. Product Feature of Equipment Under Test

Product Feature		
Equipment	Mobile phone	
Brand Name	BLU	
Model Name	Dash Music 4.5	
FCC ID	YHLBLUDASHMC45	
	GSM/GPRS/EGPRS (Downlink Only)/	
EUT supports Radios application	WLAN 2.4GHz 802.11b/g/n HT20/HT40	
	Bluetooth v3.0 + EDR/Bluetooth v4.0 LE	
HW Version	v1.0	
SW Version	BLU_D490_V01_GENERIC	
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 Spe	cification subjective to this standard
Tx Frequency	GSM850 : 824.2 MHz ~ 848.8 MHz GSM1900 : 1850.2 MHz ~ 1909.8MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz Bluetooth: 2402 MHz ~ 2480 MHz
Rx Frequency	GSM850: 869.2 MHz ~ 893.8 MHz GSM1900: 1930.2 MHz ~ 1989.8 MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz Bluetooth: 2402 MHz ~ 2480 MHz GPS: 1.57542 GHz
Antenna Type	WWAN: PIFA Antenna WLAN: monopole Antenna Bluetooth: monopole Antenna GPS: PIFA Antenna
Type of Modulation	GSM: GMSK GPRS: GMSK EDGE(MCS 0-4): GMSK / (MCS 5-9): 8PSK (Downlink Only) 802.11b: DSSS (DBPSK / DQPSK / CCK) 802.11g/n: OFDM (BPSK / QPSK / 16QAM / 64QAM) Bluetooth LE: GFSK Bluetooth (1Mbps): GFSK Bluetooth (2Mbps): \pi /4-DQPSK Bluetooth (3Mbps): 8-DPSK GPS: BPSK

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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
Took Cita 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				
Took Cita No	Sporton Site No.	FCC Registration No.			
Test Site No.	03CH01-SZ	831040			

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

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.

		Test Condition		
Item	EUT Configuration	EMI	EMI	EMI
		AC	RE<1G	RE≥1G
1.	Charging Mode (EUT with adapter)	\boxtimes	\boxtimes	Note 1
2.	Data application transferred mode		\boxtimes	\boxtimes
	(EUT connected with notebook)			

Abbreviations:

EMI AC: AC conducted emissions

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

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

Note 1: Testing for this mode is not required or not the worst case.

Remark: For signal above 1GHz, the worst case was test item 2.

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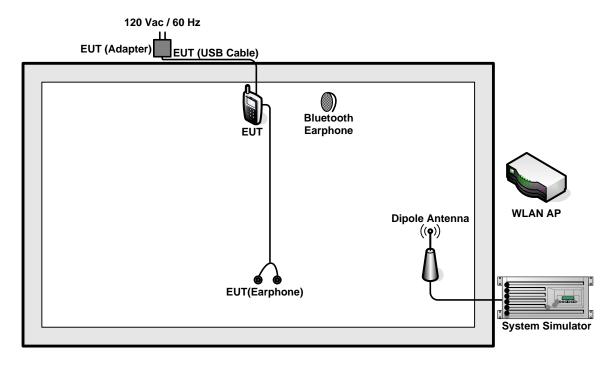
Test Items	EUT Configure Mode	Function Type
		Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) + Earphone + Camera + SIM1 <fig.1></fig.1>
AC Conducted Emission	1/2	Mode 2: GSM1900 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) + Earphone + MPEG4 + SIM2 <fig.1></fig.1>
		Mode 3: GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Data Link with Notebook) + Earphone + GPS Rx + SIM1 <fig.2></fig.2>
		Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) + Earphone + Camera + SIM1 <fig.1></fig.1>
Radiated Emissions < 1GHz	1/2	Mode 2: GSM1900 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) + Earphone + MPEG4 + SIM2 <fig.1></fig.1>
		Mode 3: GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Data Link with Notebook) + Earphone + GPS Rx + SIM1 <fig.2></fig.2>
Radiated Emissions ≥ 1GHz	2	Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Data Link with Notebook) + Earphone + GPS Rx + SIM1 <fig.2></fig.2>

Remark:

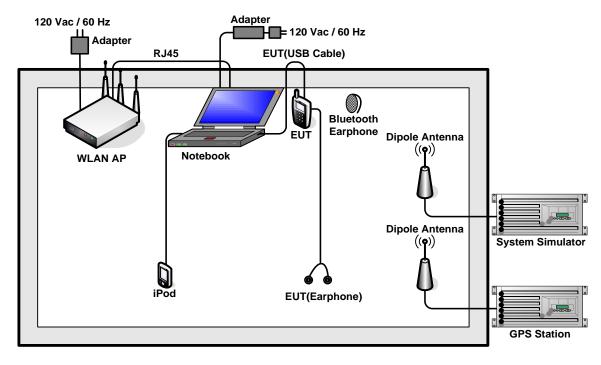
- 1. The worst case of AC is mode 1; and the USB Link mode of AC is mode 3, the test data of these modes are reported.
- 2. The worst case of RE < 1G is mode 3; only the test data of this mode was reported.
- 3. Link with notebook means data application transferred mode between EUT and notebook.

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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	R&S	CMW 500	N/A	N/A	Unshielded, 1.8 m
2.	GPS Station	ADIVIC	MP9000	N/A	N/A	Unshielded, 1.8 m
3.	WLAN AP	D-link	DIR-815	KA2IR815A1	N/A	Unshielded,1.8m
4.	Bluetooth Earphone	Nokia	BH-108	PYAHS-107W	N/A	N/A
5.	Notebook	Lenovo	G480	FCC DoC	N/A	AC I/P: Unshielded, 1.8m DC O/P: Shielded, 1.8 m
6.	iPod	Apple	MC690ZP/A	FCC DoC	shielded, 1.2 m	N/A

2.4. EUT Operation Test Setup

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

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

- 1. Execute the program, "Winthrax" under WIN7 installed in notebook for files transfer with EUT via USB cable.
- 2. Turn on GPS function to make the EUT receive continuous signals from GPS station.
- 3. Execute "Video Player" to play MPEG4 files.
- 4. 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	

^{*}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

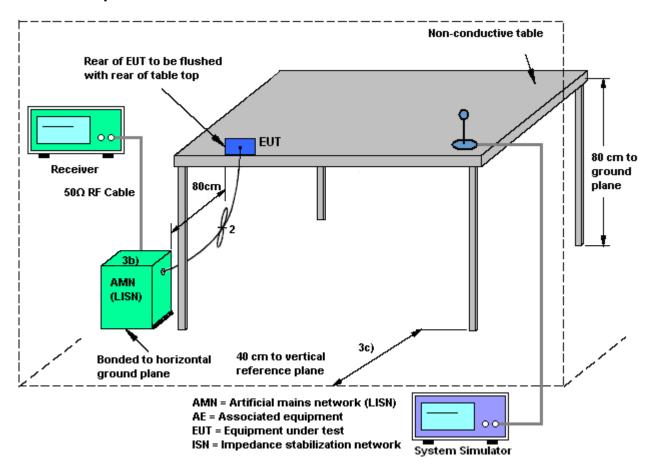
- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least
 80 centimeters from any other grounded conducting surface.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 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.
- 8. 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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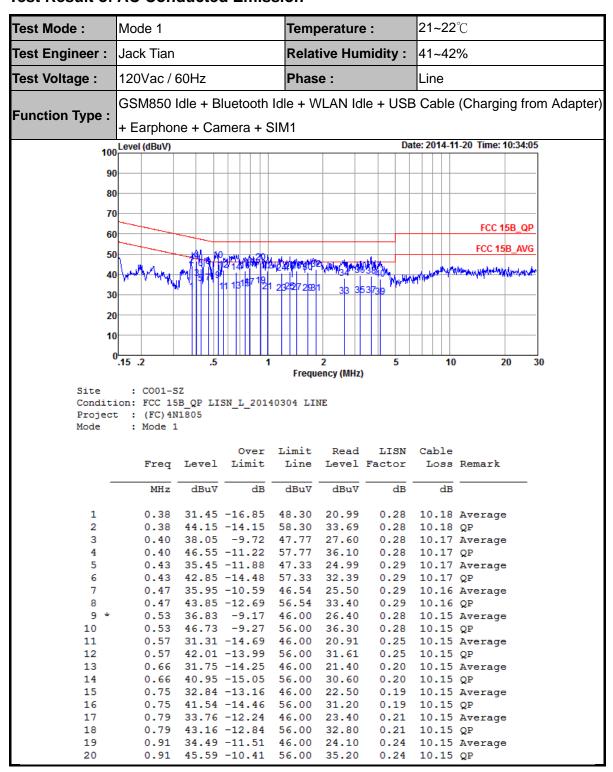
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3.1.4 Test Setup



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3.1.5 Test Result of AC Conducted Emission



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21~22°C Test Mode: Mode 1 Temperature: Test Engineer: Jack Tian Relative Humidity: 41~42% 120Vac / 60Hz Test Voltage: Phase: Line GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) Function Type : + Earphone + Camera + SIM1 100 Level (dBuV) Date: 2014-11-20 Time: 10:34:05 90 80 70 FCC 15B_QP 60 FCC 15B_AVG 50 22272981 33 35373 40 30 20 10 15 2 10 20 30 Frequency (MHz) : CO01-SZ Site Condition: FCC 15B QP LISN L 20140304 LINE Project : (FC)4N1805 Mode : Mode 1 Over Limit Read LISN Cable Freq Level Limit Line Level Factor Loss Remark dBu∀ MHz dB dBu∀ dBu∀ dB dB 0.99 31.51 -14.49 46.00 21.10 0.26 10.15 Average 21 41.71 -14.29 30.61 -15.39 22 0.99 56.00 31.30 0.26 10.15 QP 23 1.18 46.00 20.20 0.25 10.16 Average 24 1.18 40.71 -15.29 56.00 30.30 0.25 10.16 QP 25 1.32 31.21 -14.79 46.00 20.80 0.24 10.17 Average 1.32 41.41 -14.59 56.00 31.00 0.24 10.17 QP 27 1.43 30.91 -15.09 46.00 20.50 0.24 10.17 Average 41.81 -14.19 28 1.43 56.00 31.40 0.24 10.17 QP 10.18 Average 29 1.64 30.71 -15.29 46.00 20.30 0.23 30 1.64 41.11 -14.89 56.00 30.70 0.23 10.18 QP 1.83 30.61 -15.39 46.00 20.20 10.18 Average

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32

33

34

35

37

38

39

40

1.83

2.64

2.64

3.21

42.51 -13.49

29.54 -16.46

3.68 29.58 -16.42

28.98 -17.02

56.00

38.08 -17.92 56.00 27.60

3.21 39.64 -16.36 56.00 29.10

3.68 39.08 -16.92 56.00 28.51

4.14 28.61 -17.39 46.00 18.00 4.14 37.81 -18.19 56.00 27.20

46.00

46.00

46.00

32.10

18.50

19.00

19.01

0.23

0.28

0.28

0.32

0.32

0.35

0.38

0.38

0.35

10.18 QP

10.20 QP

10.22 QP

10.22 QP

10.23 QP

10.20 Average

10.22 Average

10.22 Average

10.23 Average

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21~22°C Test Mode: Mode 1 Temperature: Test Engineer: Jack Tian Relative Humidity: 41~42% Test Voltage: 120Vac / 60Hz Phase: Neutral GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) Function Type: + Earphone + Camera + SIM1 100 Level (dBuV) Date: 2014-11-20 Time: 10:44:41 80 70 FCC 15B_QP 60 FCC 15B AVG 50 To the state of th 40 30 20 10 0<mark>.15 .2</mark> 2 5 10 20 30 Frequency (MHz) Site : CO01-SZ Condition: FCC 15B_QP LISN_N_20140304 NEUTRAL Project : (FC)4N1805 Mode : Mode 1 Read LISN Cable Over Limit Freq Level Limit Line Level Factor Loss Remark MHz dBuV dB dBuV dBuV dB dB 0.41 30.46 -17.18 47.64 19.90 0.39 10.17 Average 1 41.96 -15.68 57.64 0.39 10.17 QP 2 0.41 31.40 0.46 30.66 -16.10 46.76 20.10 0.40 10.16 Average 0.40 10.16 QP 0.46 39.36 -17.40 56.76 28.80 0.64 29.14 -16.86 46.00 18.70 4 0.29 10.15 Average 5 0.64 38.24 -17.76 56.00 27.80 0.29 10.15 QP 6 7 0.78 27.12 -18.88 46.00 16.70 0.27 10.15 Average 8 0.78 36.52 -19.48 56.00 26.10 0.27 10.15 QP 1.17 25.70 -20.30 46.00 15.20 0.34 10.16 Average 9 10 1.17 35.50 -20.50 56.00 25.00 0.34 10.16 QP 2.50 25.60 -20.40 46.00 15.00 2.50 35.00 -21.00 56.00 24.40 11 0.40 10.20 Average 0.40 10.20 QP 12

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Test Mode: Mode 3

Temperature: 21~22°C

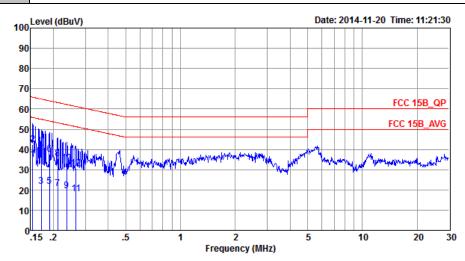
Test Engineer: Jack Tian

Relative Humidity: 41~42%

Test Voltage: 120Vac / 60Hz

Phase: Line

GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Data Link with Notebook) + Earphone + GPS Rx + SIM1



Site : CO01-SZ

Condition: FCC 15B_QP LISN_L_20140304 LINE

Project : (FC)4N1805 Mode : Mode 3

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
-	MHz	dBu∇	dB	dBu∀	dBu∀	dB	dB	
1 *	0.15	34.97	-20.81	55.78	24.40	0.22	10.35	Average
2	0.15	42.27	-23.51	65.78	31.70	0.22	10.35	QP
3	0.17	21.85	-33.05	54.90	11.30	0.22	10.33	Average
4	0.17	39.95	-24.95	64.90	29.40	0.22	10.33	QP
5	0.19	21.73	-32.29	54.02	11.20	0.22	10.31	Average
6	0.19	37.63	-26.39	64.02	27.10	0.22	10.31	QP
7	0.21	20.51	-32.63	53.14	10.01	0.22	10.28	Average
8	0.21	35.41	-27.73	63.14	24.91	0.22	10.28	QP
9	0.24	19.39	-32.83	52.22	8.91	0.23	10.25	Average
10	0.24	33.09	-29.13	62.22	22.61	0.23	10.25	QP
11	0.27	17.97	-33.28	51.25	7.50	0.24	10.23	Average
12	0.27	30.47	-30.78	61.25	20.00	0.24	10.23	QP

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21~22°C Test Mode: Mode 3 Temperature: Test Engineer: Jack Tian Relative Humidity: 41~42% Test Voltage: 120Vac / 60Hz Phase: Neutral GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Data Link with Function Type: Notebook) + Earphone + GPS Rx + SIM1 100 Level (dBuV) Date: 2014-11-20 Time: 11:18:47 90 80 FCC 15B_QP 60 FCC 15B_AVG .5 2 5 10 20 30 Frequency (MHz) : CO01-SZ Site Condition: FCC 15B QP LISN N 20140304 NEUTRAL Project : (FC) 4N1805 : Mode 3 Over Limit Read LISN Cable Freq Level Limit Line Level Factor Loss Remark dBuV MHz dBu∀ dB dBuV dB dB 1 * 0.15 37.28 -18.54 55.82 26.59 0.33 10.36 Average 0.15 42.18 -23.64 65.82 31.49 0.33 10.36 QP 18.66 -36.42 55.08 0.33 10.33 Average 0.17 8.00 3 4 0.17 39.76 -25.32 65.08 29.10 0.33 10.33 QP 14.73 -39.51 54.24 0.32 10.31 Average 0.19 4.10 0.32 10.31 QP 0.19 37.83 -26.41 64.24 27.20 6 7 0.21 16.91 -36.32 53.23 6.31 0.32 10.28 Average 0.32 10.28 QP 0.34 10.26 Average 0.21 35.01 -28.22 63.23 24.41 0.24 19.09 -33.17 52.26 8.49 8 9 0.24 32.59 -29.67 62.26 21.99 0.34 10.26 QP 0.27 16.98 -34.18 51.16 6.40 0.27 29.78 -31.38 61.16 19.20 0.35 10.23 Average 0.35 10.23 QP 11 6.40

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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.

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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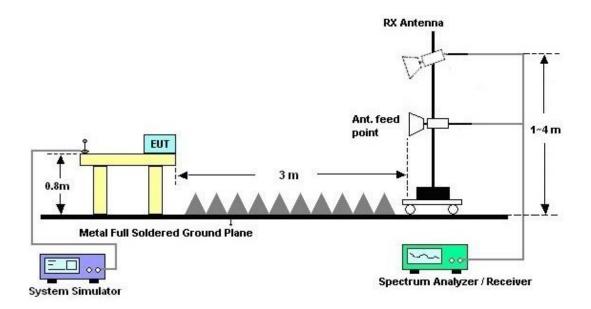
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3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz

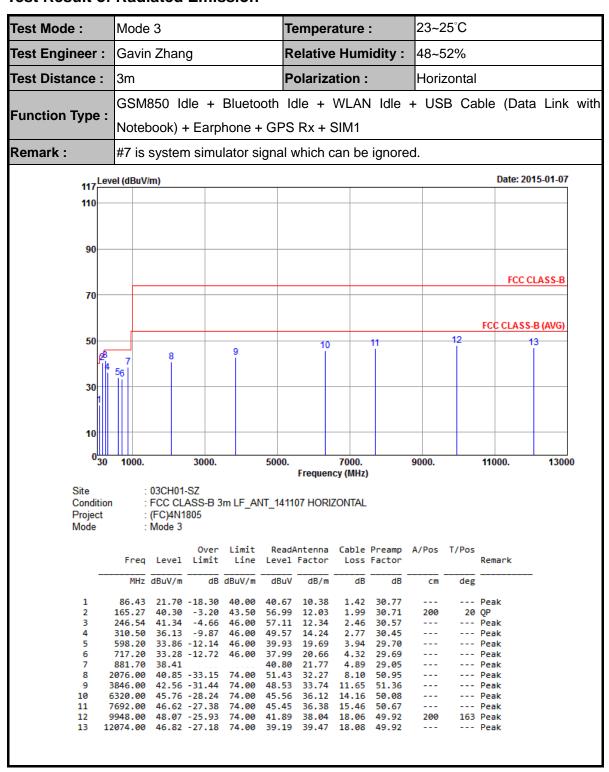


For radiated emissions above 1GHz



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3.2.5. Test Result of Radiated Emission



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Test Mode :	Mode 3			1	Temperature :			23~2	23~25°C				
Test Engineer : Gavin Zhang				F	Relative Humidity :			48~	48~52%				
Test Distance : 3m			Polarization :			Vert	ical						
Function Type .	GSM	1850 lo	dle +	Blueto	oth I	dle +	WLA	N Idle	+ US	B Cal	ole (D	ata Link	with
Function Type :	Notebook) + Earphone + GPS Rx + SIM1												
Remark :	#7 is	systen	n simu	ılator s	ignal	which	can be	e ignore	d.				
117 Leve	el (dBuV	//m)									Date:	2015-01-07	
110													
90													
											FC	C CLASS-B	
70													
											FCC CLA	SS-B (AVG)	
50		8		9		10)	11		12 		13	
23	4 ⁵⁶	Ī											
30													
10													
030	1000		2000		5000		7000		2000		44000	4000	
30	1000.		3000.		5000.	Freque	7000. ncy (MHz)	9000.		11000.	1300	10
Site Condition		03CH01 FCC CL	ASS-B 3	Bm LF_AI	NT_141	107 VER	TICAL						
Project Mode		(FC)4N1 Mode 3	805										
	F	Level	0ver					Preamp Factor	A/Pos		D I -		
	Freq MHz	dBuV/m		dBuV/m	dBu\	Factor dB/m				deg	Remark		
		26.53						30.76					
3	245.73	34.74 33.30	-12.70	46.00	49.10	12.32	2.45	30.71 30.57	100	230	Peak		
		32.40 34.81						30.03 29.70					
6	711.60	33.85 38.00			38.70		4.29	29.70 29.05					
		39.62	-34.38	74.00				51.02					
		41.99 44.70						51.79 50.08					
11 7	704.00	46.20	-27.80	74.00	45.03	36.38	15.46	50.67			Peak		
		45.56 46.73						49.92 49.99	200	360			

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4. List of Measuring Equipment

					Calibration			
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Date	Test Date	Due Date	Remark
ESCIO TEST Receiver	R&S	ESCI	100724	9kHz~3GHz	Feb. 21, 2014	Nov. 20, 2014	Feb. 20, 2015	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2SH	00103912	9kHz~30MHz	Mar. 04, 2014	Nov. 20, 2014	Mar. 03, 2015	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Mar. 04, 2014	Nov. 20, 2014	Mar. 03, 2015	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	61602000089 1	100Vac~250Vac	Dec. 17, 2013	Nov. 20, 2014	Dec. 16, 2014	Conduction (CO01-SZ)
ESCIO TEST Receiver	R&S	ESCI	100724	9kHz~3GHz	Feb. 21, 2014	Jan. 07, 2015	Feb. 20, 2015	Radiation (03CH01-SZ)
Spectrum Analyzer	Agilent Technologies	N9038A	MY52260185	20Hz~26.5GHz	May 26, 2014	Jan. 07, 2015	May 25, 2015	Radiation (03CH01-SZ)
Bilog Antenna	TESEQ	CBL 6112D	37877	30MHz~2GHz	Oct. 15, 2014	Jan. 07, 2015	Oct. 14, 2015	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS Lindgren	3117	00119436	1GHz~18GHz	Oct. 15, 2014	Jan. 07, 2015	Oct. 14, 2015	Radiation (03CH01-SZ)
Amplifier	ADVANTEST	BB525C	E9007003	9kHz~3000MHz	Feb. 21, 2014	Jan. 07, 2015	Feb. 20, 2015	Radiation (03CH01-SZ)
Amplifier	Yiai	AV3860B	04030	2GHz~26.5GHz	May 08, 2014	Jan. 07, 2015	May 07, 2015	Radiation (03CH01-SZ)
AC Source(AVR)	Chroma	61601	61601000198 5	100Vac~250Vac	Mar. 25, 2014	Jan. 07, 2015	Mar. 24, 2015	Radiation (03CH01-SZ)
Turn Table	EM Electronics	EM 1000	N/A	0~360 degree	NCR	Jan. 07, 2015	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM Electronics	EM 1000	N/A	1 m~4 m	NCR	Jan. 07, 2015	NCR	Radiation (03CH01-SZ)

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5. Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Magaziring Uncortainty for a Layal of	
Measuring Uncertainty for a Level of	3.9dB
Confidence of 95% (U = 2Uc(y))	3.345

SPORTON INTERNATIONAL (SHENZHEN) INC.

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