

FCC Test Report

APPLICANT : CT Asia

EQUIPMENT: GSM &WCDMA Mobile Phone

BRAND NAME : BLU

MODEL NAME : Quattro 4.5

FCC ID : YHLBLUQUATTRO45

STANDARD : FCC 47 CFR FCC Part 15 Subpart B

CLASSIFICATION : Certification

The product was received on Nov. 27, 2012 and completely tested on Dec. 03, 2012. We, SPORTON INTERNATIONAL (KUNSHAN) INC., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.4-2003 and shown the 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 (KUNSHAN) INC., the test report shall not be reproduced except in full.

Reviewed by:

Jones Tsai / Manager





SPORTON INTERNATIONAL (KUNSHAN) INC. No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C.

TEL: 86-0512-5790-0158 FAX: 86-0512-5790-0958 FCC ID: YHLBLUQUATTRO45 Page Number : 1 of 24
Report Issued Date : Dec. 17, 2012



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC2N2701	Rev. 01	Initial issue of report	Dec. 17, 2012

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SUMMARY OF TEST RESULT

Report Section	FCC Rule	IC Rule	Description	Limit	Result	Remark
3.1	15.107	7.2.4	AC Conducted Emission	< 15.107 limits < RSS-Gen table 2 limits	PASS	Under limit 12.70 dB at 2.680 MHz
3.2	15.109	7.2.3.2	Radiated Emission	< 15.109 limits or < RSS-Gen table 1 limits (Section 6)	PASS	Under limit 3.51 dB at 239.520 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

Beijing Tianyu Communication Equipment Co. Ltd.

NO.55 Jiachang 2 road, OPTO-Mechatronics Industrial Park, Tongzhou district, Beijing 101111

1.3. Feature of Equipment Under Test

	Product Feature
Equipment	GSM &WCDMA Mobile Phone
Brand Name	BLU
Model Name	Quattro 4.5
FCC ID	YHLBLUQUATTRO45
EUT supports Radios application	GSM/GPRS/EGPRS/WCDMA/HSPA/WLAN 11bgn /Bluetooth
HW Version	P2.0
SW Version	BLU-D450-V05-GENERIC
EUT Stage	Production Unit

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 of Equipment Under Test

Product Specific	ication subjective to this standard				
	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz				
Tx Frequency	WCDMA Band IV: 1712.4 MHz ~ 1752.6 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz Bluetooth: 2402 MHz ~ 2480 MHz				
Rx Frequency Range	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 IV: 2112.4MHz ~ 2152.6 MHz WCDMA Band II: 1932.4 MHz ~ 1987.6 MHz 802.11b/g/n: 2412 MHz ~ 2462 MHz Bluetooth: 2402 MHz ~ 2480 MHz GPS: 1.57542 GHz				
Antenna Type	WWAN : Fixed Internal Antenna WLAN : PIFA Antenna Bluetooth : PIFA Antenna				
Type of Modulation	GSM: GMSK GPRS: GMSK EDGE: GMSK / 8PSK WCDMA: QPSK (Uplink) HSDPA: QPSK (Uplink) HSUPA: QPSK (Uplink) 802.11b: DSSS (BPSK / QPSK / CCK) 802.11g/n: OFDM (BPSK / QPSK / 16QAM / 64QAM) Bluetooth 2.1 BDR (1Mbps): GFSK Bluetooth 2.1 EDR (2Mbps): \pi /4-DQPSK Bluetooth 2.1 EDR (3Mbps): 8-DPSK GPS: BPSK				

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1.5. Test Site

Test Site	SPORTON INTERNATIONAL (KUNSHAN) INC.				
	No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C.				
Test Site Location	TEL: +86-0512-5790-0158				
	FAX: +86-0512-5790-0958				
Took Cita No	Sporton Site No. FCC/IC Registration No.				
Test Site No.	CO01-KS 03CH01-KS		149928/4086E-1		

1.6. Applied 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 C63.4-2003
- IC RSS-Gen Issue 3

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 C63.4-2003 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.

		Те	st Condition	on
Item	EUT Configuration			EMI
		AC	RE<1G	RE≥1G
1.	Charging Mode (EUT with adapter)	\boxtimes	\boxtimes	Note 1
2.	Data application transferred mode (EUT with PC)	\boxtimes	\boxtimes	\boxtimes

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 + Earphone + USB Cable (Charging from Adapter) + Camera <fig. 1=""></fig.>	
		Mode 2: GSM1900 Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Charging from Adapter) + MPEG4 <fig. 1=""></fig.>	
AC Conducted Emission	1/2	Mode 3: WCDMA Band V Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Charging from Adapter) + GPS Rx <fig. 2=""></fig.>	
		Mode 4: WCDMA Band IV Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Charging from Adapter) + Camera <fig. 1=""></fig.>	
		Mode 5: WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link with PC) <fig. 3=""></fig.>	
	Mode 1: GSM850 Idle + Bluetooth Idle + WLAN USB Cable (Charging from Adapter) + C		
		Mode 2: GSM1900 Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Charging from Adapter) + MPEG4 <fig. 1=""></fig.>	
Radiated Emissions < 1GHz	1/2	Mode 3: WCDMA Band V Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Charging from Adapter) + GPS Rx <fig. 2=""></fig.>	
		Mode 4: WCDMA Band IV Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Charging from Adapter) + Camera <fig. 1=""></fig.>	
		Mode 5: WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link with PC) <fig. 3=""></fig.>	
Radiated Emissions ≥ 1GHz	2	Mode 1: WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link with PC) <fig. 3=""></fig.>	

Remark:

- The worst case of AC Conducted Emission is mode 3; only the test data of this mode was reported.
- The USB Link mode of AC Conducted Emission is mode 5; the test data of this mode was reported.
- The worst case of Radiated Emissions is mode 5; only the test data of this mode was 3. reported.
- Data Link with PC means data application transferred mode between EUT and PC.

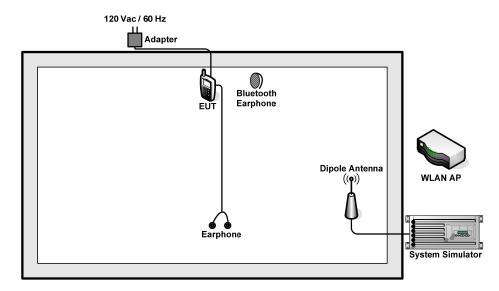
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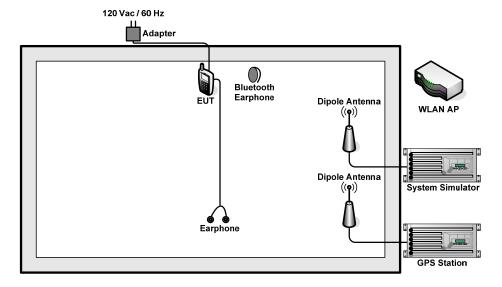
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2.2. Connection Diagram of Test System



<Fig. 1>



<Fig. 2>

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Adapter Adapter = 120 Vac / 60 Hz 120 Vac / 60 Hz Adapter USB Cable 120 Vac / 60 Hz Bluetooth Earphone Monitor Printer РС Dipole Antenna Mouse Earphone System Simulator Keyboard

<Fig. 3>

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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	CMU 200	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-855	KA2DIR855A2	N/A	Unshielded, 1.8 m
4.	Bluetooth Earphone	Nokia	BH-102	PYAHS-107W	N/A	N/A
5.	Bluetooth Earphone	Nokia	BH-106 QTLBH-106 N/A		N/A	
6.	PC	DELL	MT320	FCC DoC	N/A	Unshielded, 1.8 m
7.	PC	DELL	DCSM	FCC DoC	N/A	Unshielded, 1.8 m
8.	Monitor	DELL	E1910Hc	FCC DoC	Shielded, 1.2 m	Unshielded, 1.8 m
9.	(USB) Mouse	DELL	N231	FCC DoC	Shielded, 1.8 m	N/A
10.	(USB) Mouse	DELL	MO56UC	FCC DoC	Shielded, 1.8 m	N/A
11.	(USB) Keyboard	DELL	SK-8115	FCC DoC	Shielded, 1.8 m with core	N/A
12.	Printer	HP	Laser Jet 1018	FCC DoC	Shielded, 1.8 m	Unshielded, 1.8 m
13.	iPod	Apple	A1199	FCC DoC	Shielded, 1.2 m	N/A

2.4. Test Software

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 WLAN AP, and the following programs installed in the EUT were programmed during the test.

- 1. Execute the program, "Winthrax" under WIN7 installed in PC 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 "Windows Media 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

See list of measuring instruments of this test report.

3.1.3 Test Procedure

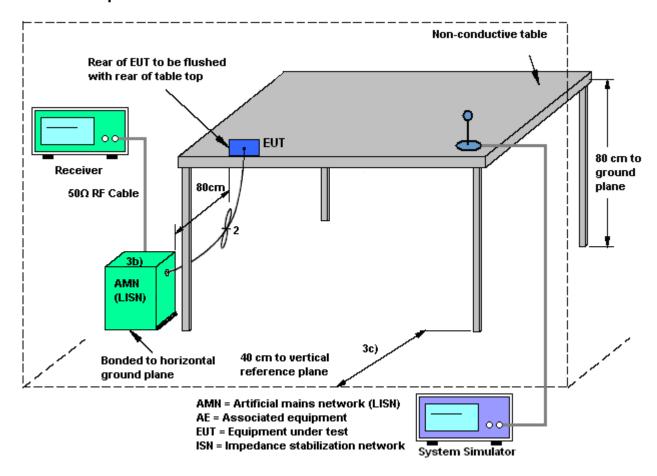
- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other 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.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

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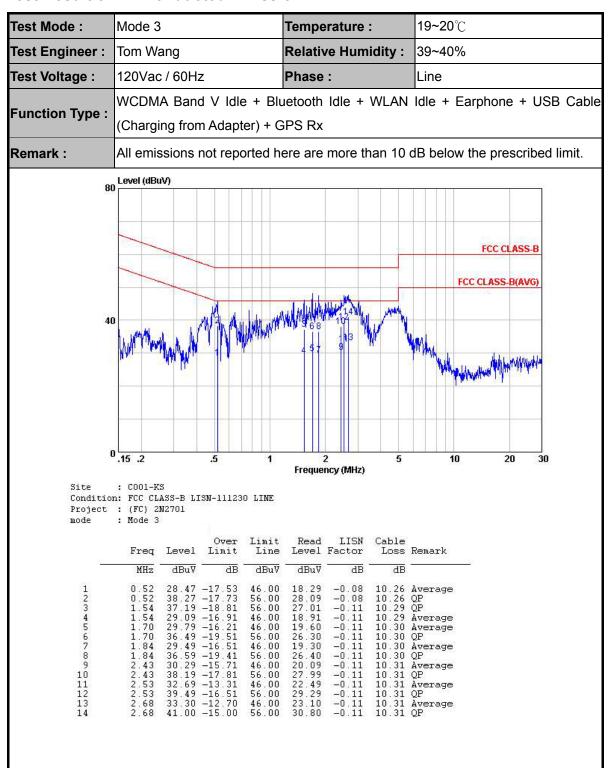
3.1.4 Test Setup



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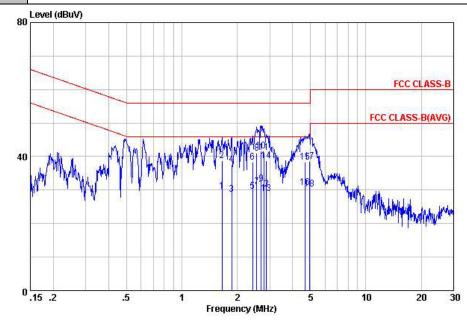
3.1.5 Test Result of AC Conducted Emission



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Test Mode :	Mode 3	Temperature :	19~20℃			
Test Engineer :	Tom Wang	Relative Humidity :	39~40%			
Test Voltage :	120Vac / 60Hz	Phase :	Neutral			
Function Type	WCDMA Band V Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable					
Function Type :	(Charging from Adapter) + G					
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.					



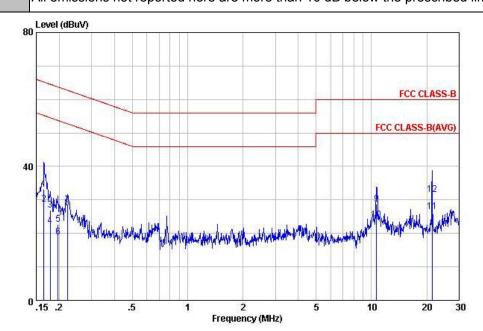
Site : C001-KS Condition: FCC CLASS-B LISN-111230 NEUTRAL Project : (FC) 2N2701 mode : Mode 3

Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
MHz	<u>dBuV</u>	dB	dBu₹	dBu₹	dB	<u>dB</u>	
1 1.65 2 1.65 3 1.87 4 1.87 5 2.42 6 2.42 7 2.55 8 2.55 9 2.69 10 2.69 11 2.79 11 2.79 11 2.79 11 2.88 14 2.88 14 4.87 16 4.67 17 4.95	38.69 28.79 37.59 38.39 30.99 40.89 31.90 41.60 41.30 30.20 38.80 38.40 38.61	-16 . 41 -17 . 31 -17 . 21 -18 . 41 -17 . 61 -15 . 01 -14 . 10 -14 . 40 -15 . 80 -17 . 20 -17 . 20 -17 . 39 -15 . 20 -17 . 39 -15 . 70	46.00 46.00 56.00 46.00 56.00 46.00 56.00 46.00 46.00 46.00 46.00 46.00 46.00	19 40 28 50 18 60 27 40 19 39 28 19 20 79 31 40 31 11 120 01 18 80 28 60 28 20 60 28 41 20 10	-0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.12 -0.12 -0.12 -0.12 -0.13 -0.13 -0.13	10.30 10.30 10.30 10.31 10.31 10.31 10.31 10.31 10.31 10.32 10.32 10.32 10.33	Average OP Average OP Average OP Average OP Average OP OP Average Average Average OP OP Average Average OP Average OP Average

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19~20℃ Test Mode: Mode 5 Temperature : 39~40% Test Engineer: Tom Wang Relative Humidity: 120Vac / 60Hz Phase: Test Voltage : Line WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Function Type: Link with PC) Remark: All emissions not reported here are more than 10 dB below the prescribed limit.



Site : COO1-KS

Condition: FCC CLASS-B LISN-111230 LINE

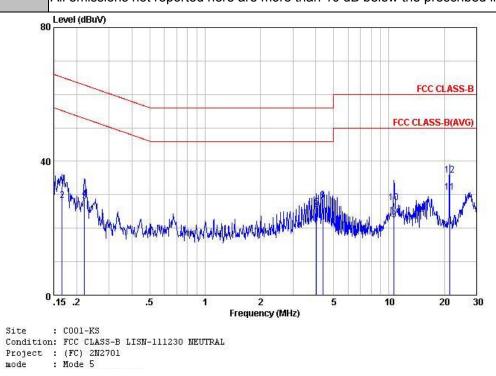
Project : (FC) 2N2701 mode : Mode 5

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBu₹	dB	dBu₹	dBu₹	dB	dB	
1	0.17	33.20	-32.01	65.21	23.06	-0.07	10.21	OP
2	0.17	28.64	-26.57	55.21	18.50	-0.07	10.21	Average
2	0.18	26.94	-37.61	64.55	16.80	-0.07	10.21	QP
4	0.18	22.24	-32.31	54.55	12.10	-0.07	10.21	Average
4 5	0.20	22.75	-40.96	63.71	12.60	-0.07	10.22	QP
6	0.20	18.85	-34.86	53.71	8.70	-0.07	10.22	Average
	0.22	28.45	-34.29	62.74	18.30	-0.07	10.22	QP
8	0.22	27.65	-25.09	52.74	17.50	-0.07	10.22	Average
9	10.68	28.66	-31.34	60.00	18.40	-0.10	10.36	QP
10	10.68	24.16	-25.84	50.00	13.90	-0.10	10.36	Average
11	21.37	26.50	-23.50	50.00	15.90	0.09	10.51	Average
12	21.37	31.70	-28.30	60.00	21.10	0.09	10.51	QP

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Test Mode :	Mode 5	Temperature :	19~20℃					
Test Engineer :	Tom Wang	Relative Humidity :	39~40%					
Test Voltage :	120Vac / 60Hz	Phase :	Neutral					
Function Type	WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data							
Function Type :	Link with PC)							
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.							



	Freq	Level	Over Limit	Limit Line	Read Level	LISM Factor	Cable Loss	Remark
_	MHz	dBuV	dB	dBu₹	dBuV	dB	dB	
1	0.17	32.50	-32.62	65.12	22.37	-0.08	10.21	QP
2	0.17	28.32	-26.80	55.12	18.19	-0.08	10.21	Average
2 3 4 5 6 7	0.22	28.00	-24.79	52.79	17.85	-0.07	10.22	Average
4	0.22	28.75	-34.04	62.79	18.60	-0.07	10.22	QP
5	4.03	26.40	-29.60	56.00	16.20	-0.13	10.33	QP
6	4.03	25.60	-20.40	46.00	15.40	-0.13	10.33	Average
7	4.36	27.80	-18.20	46.00	17.60	-0.13	10.33	Average
8	4.36	28.40	-27.60	56.00	18.20	-0.13	10.33	QP
9	10.68	22.54	-27.46	50.00	12.30	-0.12	10.36	Average
10	10.68	27.64	-32.36	60.00	17.40	-0.12	10.36	QP
11	21.37	30.78	-19.22	50.00	20.20	0.07	10.51	Average
12	21.37	35.88	-24.12	60.00	25.30	0.07	10.51	

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

3.2.2. Measuring Instruments

See list of measuring instruments 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 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.
- 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 (dBuV/m) = 20 log Emission level (uV/m)
- 9. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor= Level

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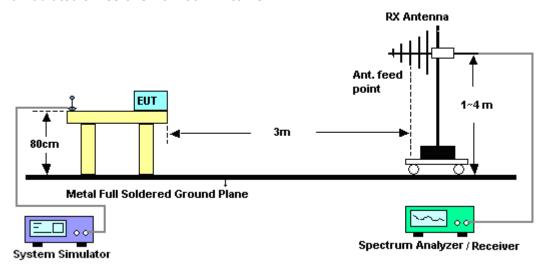
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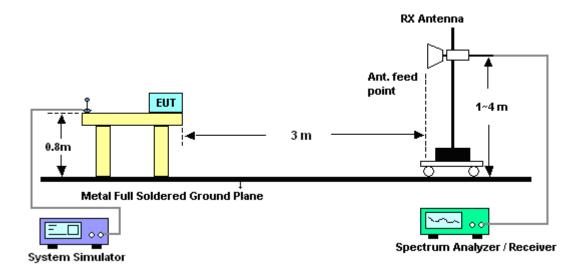


3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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3.2.5. Test Result of Radiated Emission

Test Mode :	Mode 5			Т	empe	ature	:	23~	24°C			
Гest Engineer :	Steven Hao		R	Relative Humidity :		41~	41~43%					
Test Distance :	3m			Р	olariz	ation	:	Hori	izonta	I		
	WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable Link with PC)									(Da		
120 Leve	I (dBuV/m)											
108.0												
96.0												
84.0												
										FC	CC CLASS-B	
72.0											-6dB	
60.0	6									FCC CLA	ASS-B (AVG)	
48.0											-6dB	
36.0	5											
24.0												
12.0												
030	1000.	3000.		5000.		7000		9000.		11000.	1300	0
30	1000.	3000.		5000.	Frequen	7000. cy (MHz))	9000.		11000.	1300	U
Site Condition EUT Mode	: 03CH01 : FCC CL/ : (FC) 2N : mode 5	ASS-B 3m 2701						1.75	T/D			
	Freq Leve		Limit Line		Factor		Preamp Factor	A/POS	1/Pos	Remark		
	MHz dBuV/		dBuV/m	dBuV	dB/m	dB	dB	cm	deg			
2 1 3 3 4! 4		59 -8.91 24 -11.76 15 -3.85	43.50 43.50 46.00 46.00 46.00 54.00	53. 82 58. 54 50. 83 57. 16 44. 93 60. 12	11. 72 8. 80 15. 59 16. 87 19. 85 20. 79	1.28	33. 32 33. 16	195	307	Peak Peak Peak QP Peak Peak		

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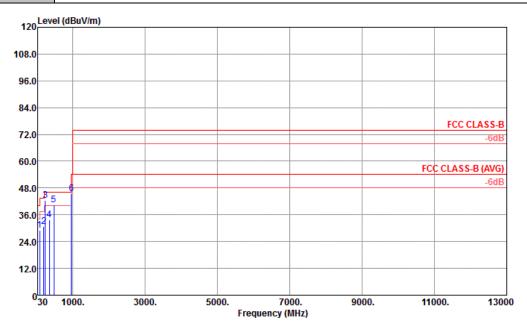


Test Mode: Mode 5 Temperature: 23~24°C

Test Engineer: Steven Hao Relative Humidity: 41~43%

Test Distance: 3m Polarization: Vertical

Function Type: WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link with PC)



Site : 03CH01-KS

Condition : FCC CLASS-B 3m LF_ANT_100803 VERTICAL

EUT : (FC) 2N2701 Mode : mode 5

ReadAntenna Cable Preamp A/Pos T/Pos Remark Over Limit ReadAntenna Freq Level Limit Line Level Factor dB dBuV/m dBuV MHz dBuV/m dB/m dΒ cm deg 83.35 29.01 -10.99 40.00 54.73 201.69 30.91 -12.59 43.50 54.57 239.52 42.49 -3.51 46.00 63.54 359.80 33.84 -12.16 46.00 51.36 480.08 40.55 -5.45 46.00 55.56 960.23 45.39 -8.61 54.00 55.27 --- Peak --- Peak 47 QP --- Peak --- Peak 2 3 ! 0.82 9.08 100 11. 51 14. 72 33. 46 33. 35 1. 11 16.87 20.79 1. 28 1. 77 --- Peak

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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	100768	9kHz~7GHz	Jun. 01, 2012	Dec. 03, 2012	May 31, 2013	Conduction (CO01-KS)
LISN	MessTec	AN3016	60103	9kHz~30MHz	Dec. 30, 2011	Dec. 03, 2012	Dec. 29, 2012	Conduction (CO01-KS)
LISN	MessTec	AN3016	60105	9kHz~30MHz	Dec. 30, 2011	Dec. 03, 2012	Dec. 29, 2012	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000 811	N/A	Nov. 15, 2012	Dec. 03, 2012	Nov. 14, 2013	Conduction (CO01-KS)
EMI Test Receiver	R&S	ESCI	100534	9kHz~3GHz	Nov. 08, 2012	Dec. 03, 2012	Nov. 07, 2013	Radiation (03CH01-KS)
Spectrum Analyzer	R&S	FSP30	100400	9kHz~30GHz	Jun. 01, 2012	Dec. 03, 2012	May 31, 2013	Radiation (03CH01-KS)
Bilog Antenna	SCHAFFNER	CBL6112D	23182	25MHz~2GHz	Dec. 08, 2011	Dec. 03, 2012	Dec. 07, 2012	Radiation (03CH01-KS)
Double Ridge Horn Antenna	EMCO	3117	00075959	1GHz~18GHz	Jan. 07, 2012	Dec. 03, 2012	Jan. 06, 2013	Radiation (03CH01-KS)
Amplifier	com-power	PA-103A	161069	1MHz~1GHz	Jun. 01, 2012	Dec. 03, 2012	May 31, 2013	Radiation (03CH01-KS)
Amplifier	Agilent	8449B	3008A02370	1GHz~26.5GHz	Dec. 30, 2011	Dec. 03, 2012	Dec. 29, 2012	Radiation (03CH01-KS)
GPS Station	ADIVIC	MP9000	MP9000-111 046	N/A	Dec. 15, 2011	Dec. 03, 2012	Dec. 14, 2012	-
System Simulator	R&S	CMU200	837587/066	2G Full-Band	Dec. 30, 2011	Dec. 03, 2012	Dec. 29, 2012	-

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FCC Test Report

5. Uncertainty of Evaluation

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

Managerina Unacetainty for a Lavel of	
Measuring Uncertainty for a Level of	2.26
Confidence of 95% (U = 2Uc(y))	2.20

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

Measuring Uncertainty for a Level of	2.54
Confidence of 95% (U = 2Uc(y))	2.04

Uncertainty of Radiated Emission Measurement (1 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of	
Confidence of 95%	4.72
(U = 2Uc(y))	

SPORTON INTERNATIONAL (KUNSHAN) INC.

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Appendix A. Photographs of EUT

Please refer to Sporton report number EP2N2701as below.

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