FCC 47 CFR PART 15 SUBPART B TEST REPORT

For

Applicant: CT Asia

Unit 01, 15/F, Seaview Centre, 139-141 Hoi bun road,

Address: Kwun Tong, Kowloon, Hong Kong

Product Name: GSM Mobile Phone

Model Name: DECO

Brand Name: BLU

FCC ID: YHLBLUDECO

Report No.: STS120215F1

Date of Issue: February. 27, 2012

Issued by: Most Technology Service Co., Ltd.

No.5, Langshan 2nd Rd., North Hi-Tech Industrial park, Nanshan, Address:

Shenzhen, Guangdong, China

Tel: 86-755-2795 8522

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1. VERIFICATION OF CONFORMITY

Equipment Under Test: GSM Mobile Phone

Brand Name: BLU

Model Number: DECO

Series Model Name: N/A

Series Model Difference

description:

N/A

FCC ID: YHLBLUDECO

Applicant: CT Asia

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

Kowloon, Hong Kong

Manufacturer: Zechin communication Co.,Ltd

Unit 804, 8th Floor Desay Tech Building, Gaoxin Road South, Nanshan

District, Shenzhen, China

Technical Standards: FCC Part 15 B **File Number:** STS120215F1

Date of test: February. 23 ~ February. 25, 2012

Deviation: None
Condition of Test Sample: Normal
Test Result: PASS

The above equipment was tested by Most Technology Service Co., Ltd. for compliance with the requirements set forth in FCC Part 15 and the Technical Standards mentioned above. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment and the level of the immunity endurance of the equipment are within the compliance requirements.

The test results of this report relate only to the tested sample identified in this report.

Tested by (+ signature):

July Wen

Terry Yang

Zhang Ling February. 27, 2012

Review by (+ signature):

February, 27, 2012

Approved by (+ signature):

February, 27, 2012

2. GENERAL INFORMATION

2.1 PRODUCT INFORMATION

EUT1- Mobile Phone	
Description:	GSM Mobile Phone
Model Name:	DECO
Brand Name:	BLU
IMEI No.:	
Frequency:	GSM 850MHz/1900MHz
Hardware Version:	X216_KB_B_V0.4
Software Version:	X216_1F_BLU_S403T2_BT_FM_NMI60X_JAVA_12864_LCD320X240_V09
EUT2- Battery	
Description:	Lithium-ion Battery
Model Name:	N4S80J
Brand Name:	BLU
Manufacturer:	Shenzhen B & K Technology Co., Ltd
Capacitance:	800 mAh
Rated Voltage:	3.7V
Charge Limit:	4.2V
EUT3 – Power Supply	
Description:	Travel Charger
Model Name:	US200507
Brand Name:	BLU
Manufacturer:	Samson Power Technology Company Limited
Rated Input:	AC 100-240V, 50/60Hz, 0.15A
Rated Output:	DC 5V, 0.5A
Length of USB cable:	1.0m
Length of adapter cable:	1.2m

NOTE:

- 1. The EUT is a model of GSM Portable Mobile Station (MS). It consists of **hand telephone set**, **Lithium battery**, **USB cable**, **headphone** and **Charger** as listed above.
- 2. Please refer to Appendix 2 for the photographs of the EUT. For a more detailed features description about the EUT, please refer to User's Manual.

2.2 OBJECTIVE

Perform FCC Part 15 Subpart B tests for FCC Marking.

2.3 TEST STANDARDS AND RESULTS

Test items and the results are as bellow:

		EMISSION		
Standard		Item	Result	Remarks
FCC 47 CFR Part 15 Subpart B	§15.107	Conducted Emission	PASS	Meet Class B limit
(10-1-05 Edition)	§15.109	Radiated Emission	PASS	Meet Class B limit

Note:

- 1. The test result judgment is decided by the limit of measurement standard
- 2. The information of measurement uncertainty is available upon the customer's request.

2.4 ENVIRONMENTAL CONDITIONS

During the measurement the environmental conditions were within the listed ranges:

- Temperature: 15-35°C - Humidity: 30-60 %

- Atmospheric pressure: 86-106 kPa

3. TEST FACILITY

Test Site: Most Technology Service Co., Ltd.

Location: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park, Nanshan, Shenzhen,

Guangdong, China

Description: There is one 3m semi-anechoic an area test sites and two line conducted labs for final

test. The Open Area Test Sites and the Line Conducted labs are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2009 and CISPR

16 requirements. The FCC Registration Number is 490827.

The CNAS Registration Number is CNAS L3573.

Site Filing: The site description is on file with the Federal Communications

Commission, 7435 Oakland Mills Road, Columbia, MD 21046.

Instrument Tolerance: All measuring equipment is in accord with ANSI C63.4:2009 and CISPR 16

requirements that meet industry regulatory agency and accreditation agency

requirement.

Ground Plane: Two conductive reference ground planes were used during the Line Conducted

Emission, one in vertical and the other in horizontal. The dimensions of these ground planes are as below. The vertical ground plane was placed distancing 40 cm to the rear of the wooden test table on where the EUT and the support equipment were placed during test. The horizontal ground plane projected 50 cm beyond the footprint of the EUT system and distanced 80 cm to the wooden test table. For Radiated Emission Test, one horizontal conductive ground plane extended at least 1m beyond the periphery of the EUT and the largest measuring antenna, and covered the entire area between the EUT and the antenna. It has no holes or gaps having longitudinal dimensions larger than one-tenth of a wavelength at the highest frequency of

measurement up to 1GHz.

4. TEST EQUIPMENT LIST

Instrumentation: The following list contains equipment used at MOST for testing. The equipment conforms to the CISPR 16-1 / ANSI C63.2 Specifications for Electromagnetic Interference and Field Strength Instrumentation from 10 kHz to 1.0 GHz or above.

No.	Equipment	Manufacturer	Model No.	S/N	Calibration due date
1	Test Receiver	Rohde & Schwarz	ESCI	100492	2013/03/14
2	L.I.S.N.	Rohde & Schwarz	ENV216	100093	2013/03/14
3	Coaxial Switch	Anritsu Corp	MP59B	6200283933	2013/03/14
4	Terminator	Hubersuhner	50Ω	No.1	2013/03/14
5	RF Cable	SchwarzBeck	N/A	No.1	2013/03/14
6	Test Receiver	Rohde & Schwarz	ESPI	101202	2013/03/14
7	Bilog Antenna	Sunol	JB3	A121206	2013/03/14
8	Test Antenna - Horn	Schwarzbeck	BBHA 9120C		2013/03/14
9	Test Antenna - Bi-Log	Schwarzbeck	VULB 9163		2013/03/14
10	Cable	Resenberger	N/A	NO.1	2013/03/14
11	Cable	SchwarzBeck	N/A	NO.2	2013/03/14
12	Cable	SchwarzBeck	N/A	NO.3	2013/03/14
13	DC Power Filter	DuoJi	DL2 1 30B	N/A	2013/03/14
14	Single Phase Power Line Filter	DuoJi	FNF 202B30	N/A	2013/03/14
15	3 Phase Power Line Filter	DuoJi	FNF 402B30	N/A	2013/03/14
16	Test Receiver	Rohde & Schwarz	ESCI	100492	2013/03/14
17	Absorbing Clamp	Luthi	MDS21	3635	2013/03/14
18	Coaxial Switch	Anritsu Corp	MP59B	6200283933	2013/03/14
19	AC Power Source	Kikusui	AC40MA	LM003232	2013/03/14
20	Test Analyzer	Kikusui	KHA1000	LM003720	2013/03/14
21	Line Impendence Network	Kikusui	LIN40MA- PCR-L	LM002352	2013/03/14
22	ESD Tester	Kikusui	KES4021	LM003537	2013/03/14
23	EMCPRO System	EM Test	UCS-500-M4	V0648102026	2013/03/14
24	Signal Generator	IFR	2032	203002/100	2013/03/14
25	Amplifier	A&R	150W1000	301584	2013/03/14
26	CDN	FCC	FCC-801-M2-25	47	2013/03/14
27	CDN	FCC	FCC-801-M3-25	107	2013/03/14
28	EM Injection Clamp	FCC	F-203I-23mm	403	2013/03/14
29	RF Cable	MIYAZAKI	N/A	No.1/No.2	2013/03/14
30	Universal Radio Communication Tester	ROHDE&SCHWARZ	CMU200	0304789	2013/03/14
31	Telecommunication Antenna	European Antennas	PSA 75301R/170	0304213	2013/03/14

NOTE: Equipments listed above have been calibrated and are in the period of validation.

5. 47 CFR PART 15B REQUIREMENTS

5.1 GENERAL INFORMATION

EUT Function and Test Mode

Mode 1: Idle Mode

The MS was registered to the base station simulator but no call was set up.

The EUT configuration of the emission test was MS + Battery + Charger.

Mode 2: Call Mode

Before the measurement, the lithium battery was completely discharge.

During the measurement, the lithium battery and the charger were installed, and the MS were in charging state. A communication link was established between the MS and a System Simulator (SS). The MS operated at GSM 850/1900MHz mid ARFCN and maximum output power.

The EUT configuration of the emission test was MS + Battery + Charger.

Mode 3: GPRS Mode

During the test, the MS was playing the GPRS function continuously.

The EUT configuration of the emission test was MS + Battery + Charger.

Mode 4: Bluetooth Mode

During the measurement, the lithium battery and the charger were installed, and the MS were in charging state. A communication link was established between the EUT and the Bluetooth Earphone and a System Simulator (SS).

The MS operated at GSM 850/1900MHz mid and maximum output power.

During the test, the MS was playing the Bluetooth function continuously.

The EUT configuration of the emission test was MS + Battery + Charger + BT Earphone.

Mode 5: MP3/MP4 Mode

During the test, the MS was playing the MP3/MP4 function continuously.

The EUT configuration of the emission test was MS + Battery + Charger.

Mode 6: Camera Mode

During the test, the MS was playing the camera function continuously.

The EUT configuration of the emission test was **MS + Battery + Charger**.

Mode 7: FM Mode

During the test, the MS was playing the FM function continuously.

The EUT configuration of the emission test was **MS + Battery + Earphone + Charger**.

Mode 8: USB Mode

During the test, the MS was connected with the notebook and made the data transmission function continuously.

The EUT configuration of the emission test was MS + Battery + USB Cable + Notebook (MSi-MS-1224).

Mode 9: TV Mode

During the test, the MS was playing the TV function continuously.

The EUT configuration of the emission test was **MS + Battery + Earphone + Charger**.

Note: Due to the different configuration and test, in this list only some worse mode. The worst test data of the worse mode is reported by this report.

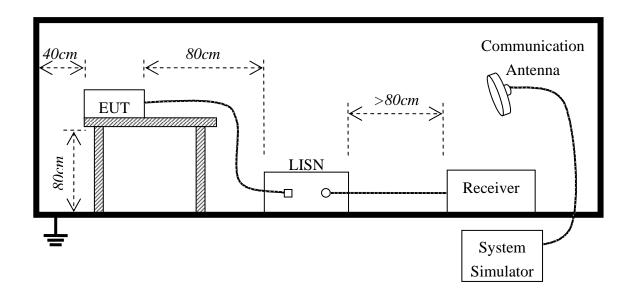
6. LINE CONDUCTED EMISSION TEST

6.1. LIMITS OF LINE CONDUCTED EMISSION TEST

Fraguency	Maximum RF	Line Voltage
Frequency	Q.P.(dBuV)	Average(dBuV)
150kHz-500kHz	66-56	56-46
500kHz-5MHz	56	46
5MHz-30MHz	60	50

^{**}Note: 1. the lower limit shall apply at the transition frequency.

6.2. BLOCK DIAGRAM OF TEST SETUP



^{2.} The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz

6.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per FCC Part 15 (see Test Facility for the dimensions of the ground plane used). When the EUT is floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

- 2) Support equipment, if needed, was placed as per FCC Part 15.
- 3) All I/O cables were positioned to simulate typical actual usage as per FCC Part 15.
- 4) The EUT received DC 5V by AC/DC adapter or USB port of notebook which through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5) All support equipments received power from a second LISN supplying power of AC 120V/60Hz, if any.
- 6) The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7) Analyzer / Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.
- 8) During the above scans, the emissions were maximized by cable manipulation.
- 9) The following test mode(s) were scanned during the preliminary test:

The following test mode(s) were scarined during the preliminary test.										
Preliminary Conducted Emission Test										
Frequency Range In	Frequency Range Investigated 150KHz TO 30 MHz									
Mode of operation	Date	Report No.	Data#	Worst Mode						
Idle Mode	2012-2-24	STS120215F1	DECO_0_(L, N)							
Call Mode	2012-2-24	STS120215F1	DECO_1_(L, N)							
GPRS Mode	2012-2-24	STS120215F1	DECO_2_(L, N)							
Bluetooth Mode	2012-2-24	STS120215F1	DECO_3_(L, N)							
MP3/MP4 Mode	2012-2-24	STS120215F1	DECO_4_(L, N)							
Camera Mode	2012-2-24	STS120215F1	DECO_5_(L, N)							
FM Mode	2012-2-24	STS120215F1	DECO_6_(L, N)							
USB Mode	2012-2-24	STS120215F1	DECO_7_(L, N)	\boxtimes						

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

6.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

EUT and support equipment was set up on the test bench as per step 9 of the preliminary test.

A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less –2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.

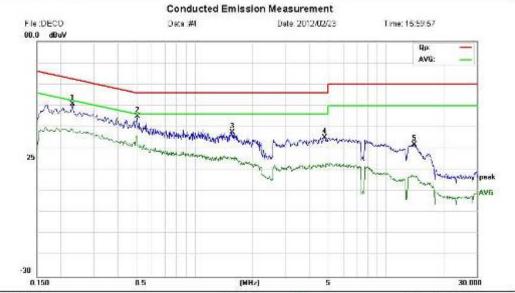
The test data of the worst case condition(s) was reported on the Summary Data page.

6.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park. Guangdong China

Tel: 0755-96170308 Fax: 0755-96170310



Site site #1

Limit, FCC Fart15 B Class B QP

EUT: GSM Mobile Phone

M/N DECO Mode: camera Note: Phase: N Temperature: 26
Power, AC 120V/E01z Humidity 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBu∀	4B	dBeV	4DiV	dB	Detector	Commerc	
1		0.2300	38.86	11,80	50.68	62.45	-11.79	peak		
2		0.5020	34.99	10.00	44.99	58,00	-11.01	peak		
3		1.5880	28.19	9.43	37,62	58.00	-18.38	peak		
4		4,7780	23.39	11.78	35.17	58.00	-20.83	peak		
5		13.9540	22.73	9.00	31.73	60.00	-28.27	peak		

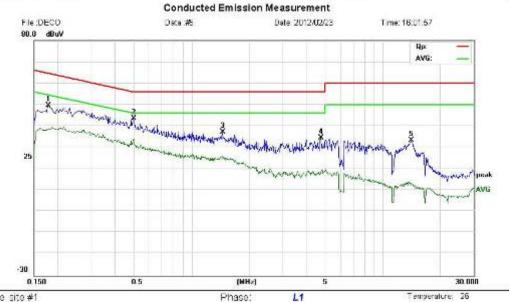
*:Maximum data x Overlimit !:overmargin

Engineer Signature: Sky



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Tel: 0755-86170308 Fax: 0755-86170310



Power, AC 120V/E0Hz

Site site #1

Limit, FCC Fart15 B Class B QP

EUT: GSM Mobile Phone

M/N DECO

Mode: camera Nate:

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
	MHz	dBu∀	4B	ĕBi¢V	4DIV	dΒ	Detector	Comment	
1	0.1780	39.00	10.68	49.66	64.56	-14.90	peak		
2 *	0.4980	33.67	10.01	43.66	58.03	-12.35	peak		
3	1.4430	27.69	9.55	37,24	58.00	-18.76	peak		
4	4,7420	22.81	11.74	34.55	53.00	-21.45	peak		
5	14:0540	24.29	9.00	33.29	60.00	-26.71	peak		

*:Maximum data x Overlimit !:overmargin

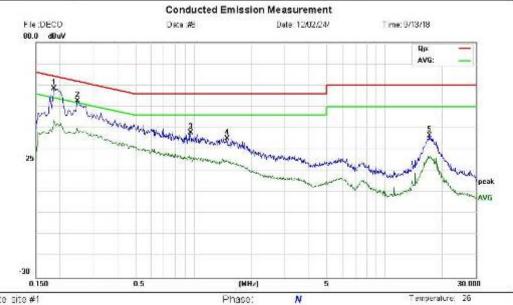
Engineer Signature. Sky

Humidity 60 %



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Site site #1

Limit, FCC Fart15 B Class B QP

EUT: GSM Mobile Phone

M/N DECO Mode: USB Note:

Power, BC5VFmmPC Inputs Act WWenter Humidity 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBu∀	40	dBeV	ADIA.	dB	Detector	Commerc	
1	*	0.1880	47.32	11.16	58.46	64.21	-5.73	peak		
2		0.2480	40.90	11.69	52.59	61.89	-9.30	peak		
3		0.9620	27.87	10.00	37,87	58.00	-18.13	peak		
4		1.4900	25.44	9.51	34.95	58.00	-21.05	peak		
5		17.0880	27.53	9.00	36.53	60.00	-23.47	peak		

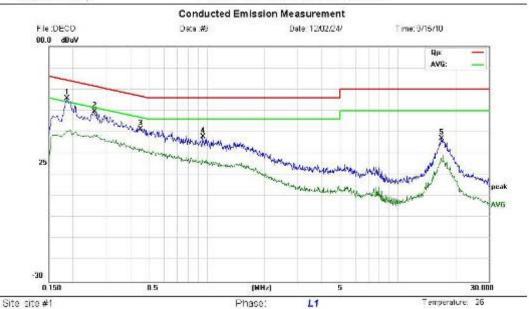
*:Maximum data x Overlimit !:overmargin

Engineer Signature. Sky



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Tel: 0755-86170308 Fax: 0755-86170310



Limit FCC Fart15 B Class B QP

EUT: GSM Mobile Phone

M/N DECO Mode: USB Nate: Power: BCSVFmmPC lipute Humidity 60 %

Ne.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBu∀	40	dBuV	4DiV	dB	Detector	Commerc	
1	*	0.1880	44.53	11.16	55,69	64.21	-8.52	peak		
2		0.2580	37.93	11,61	49.54	61.50	-11.96	peak		
3		0.4500	31.14	10.33	41,47	58.88	-15.41	peak		
4		0.9580	27.74	10.00	37.74	58.00	-18.26	peak		
5		16,7820	27.95	9.00	36.95	60.00	-23.05	peak		

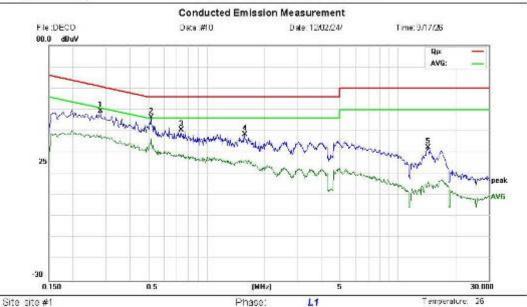
*:Maximum data x Overlimit !:overmargin

Engineer Signature. Sky



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Power, AC 120V/E0Hz

Limit FCC Fart15 B Class B QP

EUT; GSM Mobile Phone

M/N DECO Mode: bluetooth

Note:

Correct Factor Reading Measure-No. Mk. Freq. Level Limit Over ment MHz dBuV dD. dBuV Vi@h dB Detector Comment 0.2780 37.96 11.48 49.44 60.88 -11.44 peak 0.5140 36.31 10.00 58.00 -9.69 peak 2 46.31 3 0.7340 30.46 10.00 40.48 58.00 -15.54 peak 1.5740 28.86 9.43 38.29 58.00 -17.71 4 peak 5 14.2820 23.41 9.00 32.41 60.00 -27.59 peak

*:Maximum data x Overlimit I overmargin

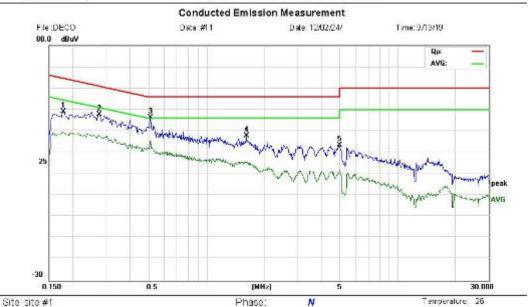
Engineer Signature: Sky

Humidity 60 %



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park. Guangdong ,China

Tel: 0755-86170308 Fax: 0755-86170310



Power, AC 120V/E0Hz

Limit FCC Fart15 B Class B QP

EUT; GSM Mobile Phone

M/N DECO Mode: bluetooth

Note:

Ne. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBu∀	4B	ĕBic∀	4DIV	dΒ	Detector	Comment
1	0.1787	38.48	10.72	49.20	64.55	-15.35	peak	
2	0.2744	36.30	11,50	47.80	60.98	-13.18	peak	
3 7	0.5100	36.44	10.00	46,44	58.00	-9.56	peak	
4	1.6180	28.32	9.38	37.70	58.00	-18.30	peak	
5	4.9420	21.48	11.94	33.42	53.00	-22.58	peak	

*:Maximum data x Overlimit !:overmargin

Engineer Signature: Sky

Humidity 60 %

7. RADIA TED EMISSION TEST

7.1. LIMITS OF RADIATED DISTURBANCES AT 3M DISTANCES FOR CLASS B

According to FCC section 15.109, except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

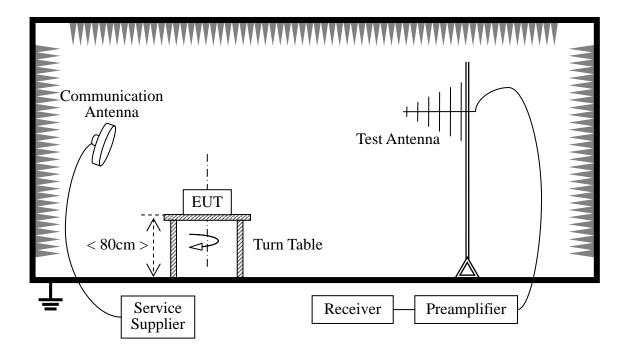
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

NOTE:

- Field Strength (dBμV/m) = 20*log[Field Strength (μV/m)].
- 2. In the emission tables above, the tighter limit applies at the band edges.

7.2 TEST DESCRIPTION

Test Setup:



The EUT is powered by the Battery charged with the AC Adapter which is powered by 120V, 60Hz AC mains supply. The Module is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading. During the measurement, the EUT is activated and transmitting with the other Bluetooth device (Supply by the Applicant) during the test.

For the Test Antenna:

(a) In the frequency range of 9 kHz to 30MHz, magnetic field is measured with Loop Test Antenna. The Test Antenna is positioned with its plane vertical at 1m distance from the EUT. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.

(b) In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. The emission levels at both horizontal and vertical polarizations should be tested.

Preliminary Radiated Emission Test												
Frequenc	y Range Invest	igated	30 MHz TO 1000 MHz									
Mode of operation	Date	Report No.	Data#	Worst Mode								
Idle Mode	2012-2-25	STS120215F1	DECO_0_(H, V)									
Call Mode	2012-2-25	STS120215F1	DECO_1_(H, V)									
GPRS Mode	2012-2-25	STS120215F1	DECO_2_(H, V)									
Bluetooth Mode	2012-2-25	STS120215F1	DECO_3_(H, V)									
MP3/MP4 Mode	2012-2-25	STS120215F1	DECO_4_(H, V)									
Camera Mode	2012-2-25	STS120215F1	DECO_5_(H, V)									
FM Mode	2012-2-25	STS120215F1	DECO_6_(H, V)									
USB Mode	2012-2-25	STS120215F1	DECO_7_(H, V)	\boxtimes								

7.3 TEST RESULT

Form 9 KHz to 30MHz:

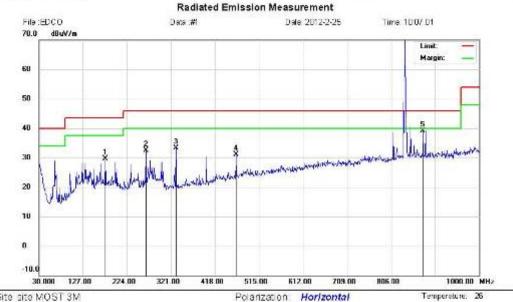
Frequency (MHz)	Ant.Pol H/V	Peak Reading	AV Reading	Ant./CL CF	Actu	al Fs	Peak Limit	AV Limit	AV Margin
(**************************************		(dBuv)	(dBuv)	(dB)	Peak AV (dBuv/m) (dBuv/m)		(dBuv/m)	(dBuv/m)	(dB)
Н					,				>20
V									>20
V									>20

-Note: No test data was detected in below 30MHz.



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park. Guangdong China

Tel: 0755-86170306 Fax: 0755-86170310



Site site MOST 3M

Limit FCC Fart15 B 3M Radiation

EUT: GSM Mobile Phone

M/N EDCO Mode: call Note:

Power, AC 120V/EDHz

Temperature: 26 Humidity: 61 %

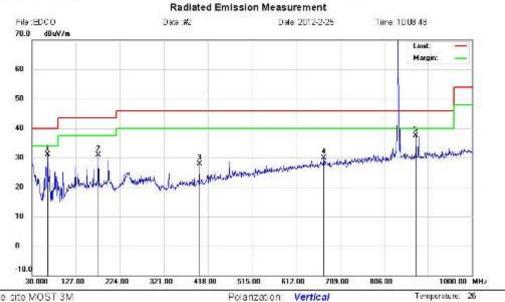
Distance:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	1,333,50	MHz	VuBb	40	dBuV/m	dB:M/m	48	Detector	cm	degree	Consment
1		176,4700	12.88	16.88	29.76	43.50	-13.74	peak			
2		265.7100	14.20	18.35	32.55	46.00	-13.45	peak			
3		331.6700	16.20	17.02	33.22	46.00	-12.78	peak			
4	1	465.5300	10.08	20.98	31.06	46.00	-14.94	peak			
5	2	876.8100	12.08	27.04	39.12	46.00	-6.88	peak			

*;Meximum data x:Over limit | Lover margin



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park Guangdong China Tel: 0755-86170306 Fax: 0755-86170310



Site site MOST 3M

Limit FCC Fart15 B 3M Radiation

EUT: GSM Mobile Phone

M/N EDCO Mode: call Note:

Power, AC 120V/EDHz

Humidity:

61 %

Distance:

No.	le, Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	130003	MHz	dBu∀	40	d BuVim	dB:M/m	48	Detector	cm	degree	Comment
1		65,8900	19.76	11.37	31.13	40.00	-8.87	peak			
2		176.4700	14.09	16.88	30.97	43.50	-12.53	peak			
3	;	398,6000	9.20	18.66	27,86	48.00	-18.14	peak			
4		573,1100	5.28	24.53	29.81	48.00	-16.19	peak			
5	2	376.8100	10.52	27.04	37.56	46.00	-8.44	peak			

*;Meximum data x:Over limit | Lover margin



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park. Guangdong China Tel: 0755-86170308 Fax: 0755-96170310

Radiated Emission Measurement Data:#3 Date: 2012-2-25 Time: 10:50:52 File:EDCD dBuV/m 70.0 Margin: 60 50 30 20 10 0 -10.0 321.00 418 00 515.00 612.00

Site site MOST 3M

Limit FCC Fart15 B 3M Radiation

EUT: GSM Mobile Phone

M/N: EDCO Mode: camera Note: Power, AC 120V/E0Hz

Polarization: Horizontal

Distance:

Temperature: 26

61 %

Humidity:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	1,500,5	MHz	VuBb	4D	dBuV/m	dB:M/m	48	Datector	cm	degree	Comment
1		359,8000	15.08	18.30	33,38	46.00	-12.62	peak			
2		792.4200	12.88	25.97	38.85	46.00	-7,15	peak			
3	7	839.9500	15.47	27.10	42.57	46.00	-3.43	peak			
4	1	936,9500	13.57	27.48	41.05	46.00	-4,95	peak			
5		984.4800	12.15	28 96	41.11	54.00	-12.89	peak	Ė		

*:Maximum data x:Over limit !:over margin



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park Guangdong China Tel: 0755-86170308 Fax: 0755-96170310

Radiated Emission Measurement Data::#4 Date: 2012-2-25 Time: 10.52.14 File:EDCD dBuV/m 70.0 Margin: 60 50 30 20 10 0 -10.0 321.00 418 00 515.00 612.00

Site site MOST 3M

Limit FCC Fart15 B 3M Radiation

EUT: GSM Mobile Phone

M/N: EDCO Mode: camera Note: Power, AC 1209/E0Hz

Polarization: Vertical

Humidity

Temperature: 26

61 %

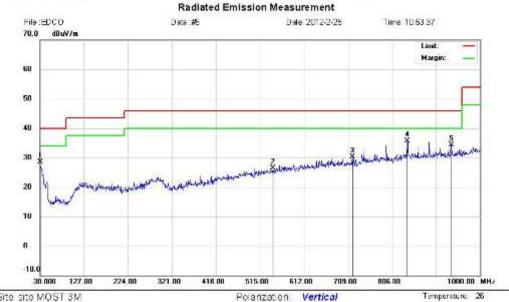
Distance:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	1300000	MHz	dBu∀	dD.	dBu∀m	dB:///m	48	Detector	cm	degree	Comment
1		30.0000	2.84	24,80	27.64	40.00	-12.38	peak			
2		118.2700	9.07	17.33	26.40	43.50	-17.10	peak			
3		698.3300	5.04	24.65	29,69	48.00	-16.31	peak			
4		839,9500	8.92	27.10	36.02	48.00	-9.98	peak	1		
5	2	958,2900	9.92	28.01	37.93	48.00	-8.07	peak	į.		

*Maximum data x:Over limit 1:over margin



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park Guangdong China Tel: 0755-96170306 Fax: 0755-96170310



Site site MOST 3M

Limit FCC Fart15 B 3M Radiation

EUT: GSM Mobile Phone

M/N EDCO Mode: bluetooth

Note:

Power, AC 120V/EDHz

Distance:

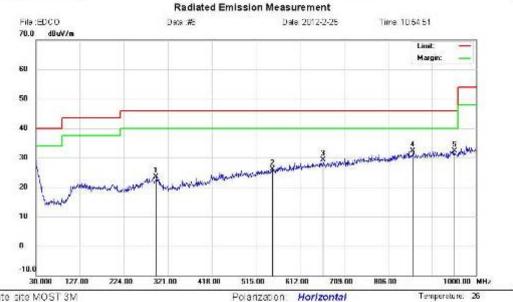
Temperature: 26 Humidity: 61 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	33305	MHz	VuBb	40	dBuV/m	dB:M/m	48	Detector	cm	degree	Comment
1	3	30.0000	3.64	24,80	28.44	40.00	-11.58	peak			
2	5	44.1000	4.22	22.28	26.50	46.00	-19.50	peak			
3	7	18.7000	5.64	24.69	30,33	48.00	-15.87	peak			
4	7 8	39,9500	8.66	27.10	35.76	48.00	-10.24	peak			
5	Ş	36,9500	6.82	27.48	34.30	43.00	-11.70	peak			

*;Meximum data x:Over limit | Lover margin



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park Guangdong China Tel: 0755-96170306 Fax: 0755-96170310



Site site MOST 3M

Limit FCC Fart15 B 3M Radiation

EUT: GSM Mobile Phone

M/N EDCO Mode: bluetooth

Note:

Power, AC 120V/EDHz Distance:

Temperature: 26 61 %

Humidity:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	133503	MHz	dBu∀	40	dBuV/m	dB:M/m	48	Datector	cm	degree	Comment
1		294.8100	4.20	19.30	23.50	48.00	-22.50	peak			
2		551,8600	3.59	22.57	26.16	48.00	-19.84	peak			
3		663,4100	4.99	24.27	29,26	48.00	-16.74	peak			
4	2	861,2900	5.32	27.01	32.33	48.00	-13.67	peak			
5		952.4700	4.36	27.97	32.33	43.00	-13,87	peak			

*;Meximum data x:Over limit | Lover margin



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park Guangdong China Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement Data:#/ Date: 2012-2-25 Time: 10.56:20 File:EDCD dBuV/m 70.0 Margin: 60 50 40 30 20 10 0 -10.0

515.00

Site site MOST 3M

Limit FCC Fart15 B 3M Radiation

321.00

418 00

EUT: GSM Mobile Phone

M/N EDCO Mode: USB Note:

612.00 Polarization: Horizontal

Temperature: 26 Power, DC 5V Fmm FC

Humidity:

61 %

Distance:

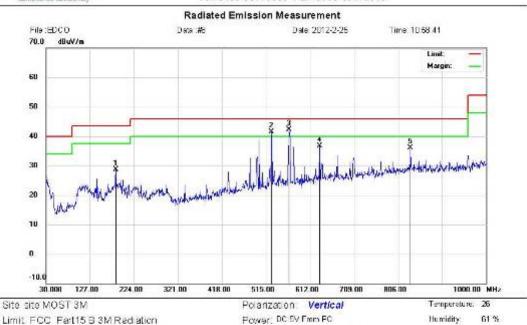
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	135503	MHz	√uBb	4D	d BuVim	dB:M/m	48	Datector	cm	degree	Comment
1	;	335,5500	9.15	17.06	26.21	48.00	-19.79	peak			
2		480.0800	12.65	21.70	34.35	46.00	-11.65	peak			
3	7	834,1300	12.28	27.08	39.36	46.00	-6.84	peak			
4		200:0900	10.64	27.40	38 04	46.00	-7.96	peak			
5	!	967,0200	6.47	28.04	34.51	54.00	-19.49	peak			

*;Meximum data x:Over limit | Lover margin



Address No.5 Langshan 2nd Rd., North Hi-Tech Industrial park. Guangdong China Tel: 0755-86170306 Fax: 0755-86170310

Distance:



M/N: EDCO Mode: USB Nate:

EUT: GSM Mobile Phone

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	
	135503	MHz	dBu∀	4D	dBuV/m	dB:M/m	48	Datector	cm	degree	Consment
1		184,2300	12.13	16.62	28.75	43.50	-14.75	peak			
2	1.	527,6100	19.49	22.08	41.57	46.00	-4.43	peak			
3	7	566,4100	19.59	22.79	42.38	46.00	-3.62	peak			
4		633.3400	12.81	23.80	36.61	46.00	-9.39	peak			
5		834.1300	8.93	27.08	36.01	43.00	-9.99	peak	ř		

*:Maximum data x:Overlimit I:overmargin

Engineer Signature: Allen

Notes: The spikes which exceed the limit should be ignored because they are MS and SS carrier frequency.

The worst test data above 1 GHz was showed as the follow:

Operation Mode: CALL(850MHz) **Test Date:** February. 25, 2012

Temperature: 24°C **Tested by**: Habby Guo

Humidity: 70 % RH **Polarity:** Ver. / Hor.

Freq. (MHz)	Ant. H/V	Peak Reading	AV Reading	Ant./CL CF	Actu	Actual Fs		AV Limit	Peak Margin	AV Margin
		(dBuV)	(dBuV)	(dB)	Peak (dBuV/m)	AV (dBuV/m)	(dBuV/m)	(dBuV/m)	(dB)	(dB)
1717.50	Н	59.83	38.92	9.06	68.89	47.98	74.00	54.00	-5.11	-6.02
2765.50	Н	56.22	35.54	9.09	65.31	44.63	74.00	54.00	-8.69	-9.37
N/A										>20
1717.50	V	56.88	36.03	9.06	65.94	45.09	74.00	54.00	-8.06	-8.91
2765.00	V	53.39	32.77	9.09	62.48	41.86	74.00	54.00	-11.52	-12.14
N/A										>20

Notes:

- 1. Measuring frequencies from 1 GHz to 6GHz.
- 2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- 3. The frequency that above 3GHz is mainly from the environment noise.

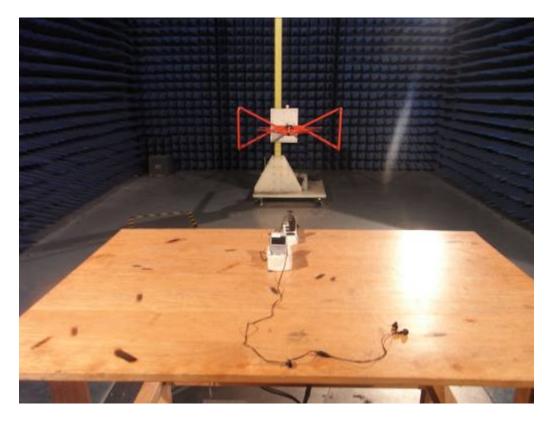
APPENDIX 1 PHOTOGRAPHS OF TEST SETUP

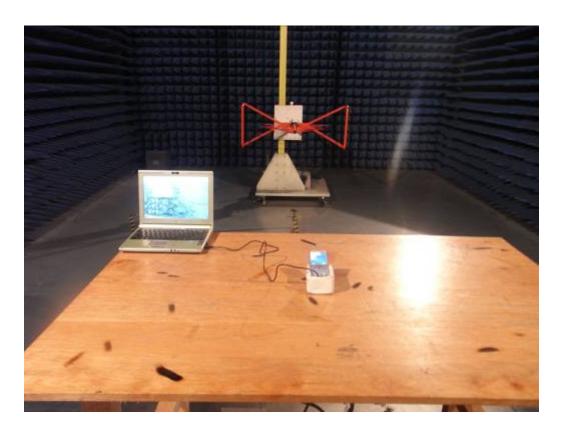
CE TEST SETUP





RE TEST SETUP



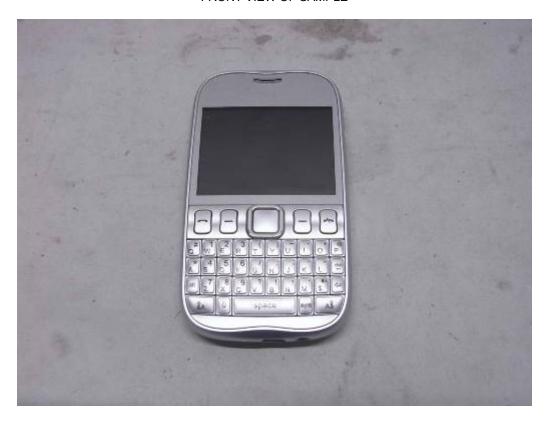






APPENDIX 2 PHOTOGRAPHS OF EUT

FRONT VIEW OF SAMPLE



BACK VIEW OF SAMPLE



LEFT VIEW OF SAMPLE



RIGHT VIEW OF SAMPLE



TOP VIEW OF SAMPLE



BOTTOM VIEW OF SAMPLE



PHOTO OF EARPHONE



PHOTO OF USB CABLE



PHOTO OF POWER SUPPLY



PHOTO OF BATTERY



PHOTO OF THE ENTIRE SAMPLE



INTERNAL PHOTO OF SAMPLE - 1



INTERNAL PHOTO OF SAMPLE – 2



INTERNAL PHOTO OF SAMPLE -3



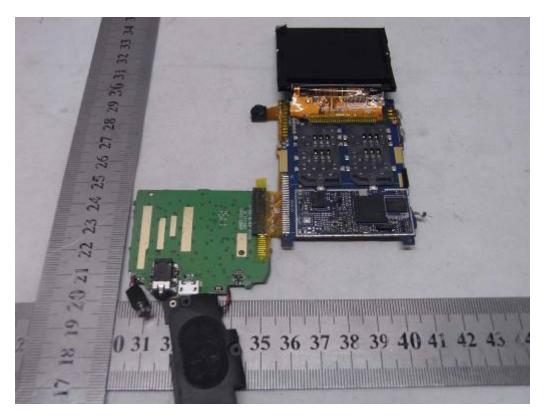
INTERNAL PHOTO OF SAMPLE -4



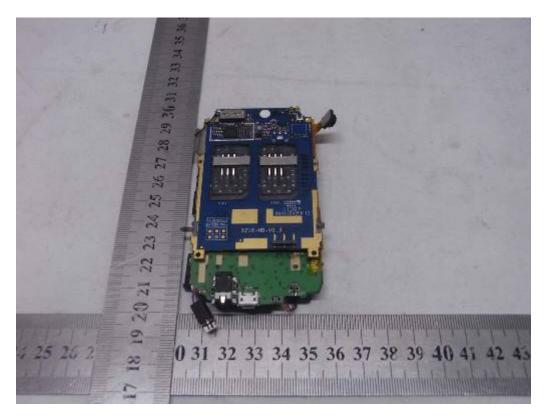
INTERNAL PHOTO OF SAMPLE -5



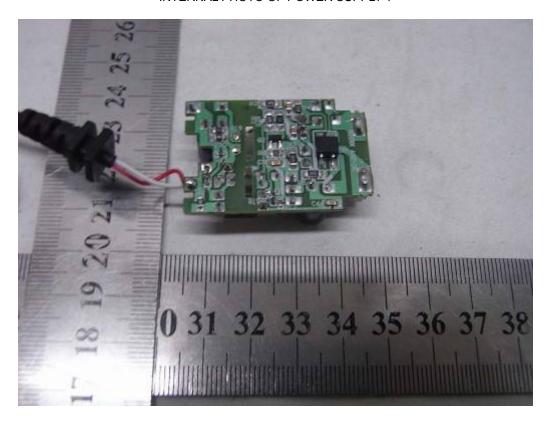
INTERNAL PHOTO OF SAMPLE -6



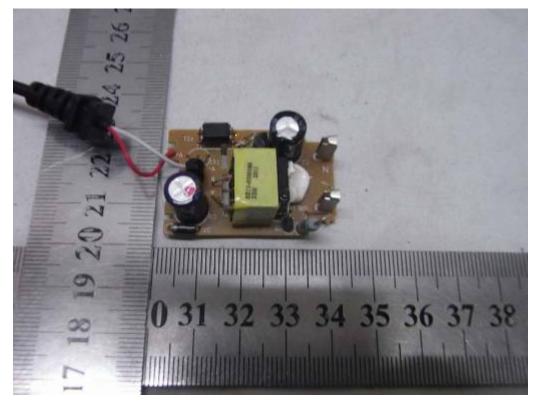
INTERNAL PHOTO OF SAMPLE -7



INTERNAL PHOTO OF POWER SUPPLY-1



INTERNAL PHOTO OF POWER SUPPLY-2



-----END OF REPORT-----