HONG KONG IPRO TECHNOLOGY CO., LIMITED

Smart Mobile Phone

Main Model:GLORY II Serial Model: N/A

July 23, 2014

Report No.: 14070282-FCC-R1 (This report supersedes NONE)



Modifications made to the product : None

This Test Report is Issued Und	er the Authority of:	
Wiky.Jam	Alex. Lin	
Wiky Jam Compliance Engineer	Alex Liu Technical Manager	

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Country/Region	Scope	
USA	EMC, RF/Wireless, Telecom	
Canada	EMC, RF/Wireless, Telecom	
Taiwan	EMC, RF, Telecom, Safety	
Hong Kong	RF/Wireless, Telecom	
Australia	EMC, RF, Telecom, Safety	
Korea	EMI, EMS, RF, Telecom, Safety	
Japan	EMI, RF/Wireless, Telecom	
Singapore	EMC, RF, Telecom	
Europe	EMC, RF, Telecom, Safety	

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1. EXECUTIVE SUMMARY & EUT INFORMATION

The purpose of this test programmed was to demonstrate compliance of the HONG KONG IPRO TECHNOLOGY CO., LIMITED, Smart Mobile Phone and model: GLORY II against the current Stipulated Standards. The Smart Mobile Phone has demonstrated compliance with the FCC Part 22(H) & FCC Part 24(E): 2013.

	EUT Information	
EUT Description	: Smart Mobile Phone	
Main Model	: GLORY II	
Serial Model	N/A	
Antenna Gain	GSM850/PCS1900: 0.5 dBi UMTS-FDD Band V/UMTS-FDD Band II: 1 dBi : Bluetooth/BLE: 0dBi WIFI: 0 dBi	
Input Power	Battery: Model: i9551 Spec: 3.7V 2300mAh Limited charger voltage: 4.2V Adapter: Model: NTR-S01 Input: AC 100-240V; 50/60Hz 150mA Output: DC 5.0V; 700mA	
Maximum Conducted AV Power to Antenna	GSM850: 32.58 dBm PCS1900: 30.66 dBm : UMTS-FDD Band V : 23.15 dBm UMTS-FDD Band II : 23.27 dBm	
Maximum Radiated ERP/EIRP	GSM850: 24.58 dBm / ERP PCS1900:22.14 dBm / EIRP : UMTS-FDD Band V : 18.36dBm / ERP UMTS-FDD Band II : 19.07 dBm / EIRP	
Classification Per Stipulated Test Standard	: FCC Part 22(H) & FCC Part 24(E): 2013	



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2. <u>TECHNICAL DETAILS</u>

Purpose	Compliance testing of Smart Mobile Phone with stipulated standard
Applicant / Client	HONG KONG IPRO TECHNOLOGY CO., LIMITED FLAT/RM A3, 9/F SILVERCORP INT TOWER 707-713 NATHAN RD MONGKOK, HONGKONG
Manufacturer	SHENZHEN ZHIKE COMMUNICATION CO., LTD 8th Floor, B Bldg. Dianzi Fuhua Jidi, Taojindi, Longsheng community, Longhua District, Shenzhen, China
Laboratory performing the tests	SIEMIC (Shenzhen - China) Laboratories Zone A, Floor 1, Building 2, Wan Ye Long Technology Park, South Side of Zhoushi Road, Bao'an District, Shenzhen, Guangdong, China Tel: +86-0755-2601 4629 / 2601 4953 Fax: +86-0755-2601 4953-810 Email: China@siemic.com.cn
Test report reference number	14070282-FCC-R1
Date EUT received	June 03, 2014
Standard applied	FCC Part 22(H) & FCC Part 24(E): 2013
Dates of test	June 09 to July 22, 2014
No of Units	#1
Equipment Category	PCE
Trade Name	IPRO
RF Operating Frequency (ies)	GSM850 TX : 824.2 ~ 848.8 MHz; RX : 869.2 ~ 893.8 MHz PCS1900 TX : 1850.2 ~ 1909.8 MHz; RX : 1930.2 ~ 1989.8 MHz UMTS-FDD Band V TX : 826.4 ~ 846.6 MHz; RX : 871.4 ~ 891.6 MHz UMTS-FDD Band II TX :1852.4 ~ 1907.6 MHz; RX : 1932.4 ~ 1987.6 MHz 802.11b/g/n: 2412-2462 MHz Bluetooth& BLE: 2402-2480 MHz
Number of Channels	299CH (PCS1900) and 124CH (GSM850) UMTS-FDD Band V : 102CH UMTS-FDD Band II : 277CH Bluetooth: 79CH 802.11b/g/n: 11CH BLE: 40CH
Modulation	GSM / GPRS: GMSK UMTS-FDD: QPSK 802.11b/g/n: DSSS/OFDM Bluetooth: GFSK& π /4DQPSK&8DPSK BLE: GFSK
GPRS Multi-slot class	8/10/12
FCC ID	PQ4IPROGLORYII



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MODIFICATION 3

NONE



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TEST SUMMARY 3.

The product was tested in accordance with the following specifications. All testing has been performed according to below product classification:

PCE

Test Results Summary

Test Standard	Description	Product Class	Pass / Fail
§ 1.1307, § 2.1093	RF Exposure (SAR)	See Above	Pass
\$2.1046; \$ 22.913 (a); \$ 24.232 (c)	RF Output Power	See Above	Pass
§ 2.1047	Modulation Characteristics	See Above	N/A
§ 2.1049; § 22.905 § 22.917; § 24.238	99% & -26 dB Occupied Bandwidth	See Above	Pass
§ 2.1051, § 22.917 (a); § 24.238 (a)	Spurious Emissions at Antenna Terminal	See Above	Pass
§ 2.1053 § 22.917 (a); § 24.238 (a)	Field Strength of Spurious Radiation	See Above	Pass
§ 22.917 (a); § 24.238 (a)	Out of band emission, Band Edge	See Above	Pass
§ 2.1055 § 22.355; § 24.235	Frequency stability vs. temperature Frequency stability vs. voltage	See Above	Pass

Note: Testing was performed by configuring EUT to maximum output power status, the declared output power class for different.

The product Smart Mobile Phone, Model: GLORY II and GLORY I. These is no electrical change has been made. The difference is the appearance of material and GSM antenna. Details were explained in the Declaration letter from customer.

This difference only affects Spurious Emissions and ERP/EIRP, and the other test data please refer to report 14070281-FCC-R1.

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4. <u>MEASUREMENTS, EXAMINATION AND DERIVED</u> <u>RESULTS</u>

5.1 §1.1307, §2.1093- RF Exposure (SAR)

Test Result: Pass

The EUT is a portable device, thus requires SAR evaluation; Please refer to SIEMIC SAR Report: 14070282-FCC-H

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5.2 §2.1046; §22.913 (a); §24.232 (c) - RF Output Power

 Conducted Measurement EUT was set for low, mid, high channel with modulated mode and highest RF output power. The spectrum analyzer was connected to the antenna terminal.
 Conducted Emissions Measurement Uncertainty All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 30MHz – 40GHz is ±1.5dB.
 Environmental Conditions Temperature 23°C Relative Humidity 56%

Atmospheric Pressure

4. Test date : June 09, 2014 Tested By : Wiky Jam

Procedures: (According with KDB 971168)

For Conducted Power:

- 1. The transmitter output port was connected to base station.
- 2. Set EUT at maximum power through base station.
- 3. Select lowest, middle, and highest channels for each band and different test mode.
- 4. The instrument must have an available measurement/resolution bandwidth that is equal to or exceeds the OBW. If this capability is available, then the following procedure can be used to determine the total peak output power.
 - a) Set the RBW \geq OBW.
 - b) Set VBW $\geq 3 \times RBW$.
 - c) Set span $\geq 2 \times RBW$
 - d) Sweep time = auto couple.
 - e) Detector = peak.
 - f) Ensure that the number of measurement points \geq span/RBW.
 - g) Trace mode = max hold.
 - h) Allow trace to fully stabilize.
 - 1) Use the peak marker function to determine the peak amplitude level.

For ERP/EIRP: (According with TIA 603D)

- 1. The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable.
- 2. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.
- 3. Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

Sample Calculation:

EUT Field Strength (dBm) = Reading (Signal generator) + Antenna Gain (substitution antenna) - Cable loss (From Signal Generator to substitution antenna)

Test Result: Pass

Remark: Conducted Burst Average power for reporting purposes only

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Conducted Power

GSM Mode:

Burst Average Power (dBm);								
Band		GSN	4850			GSM	11900	
Channel	128	Tune up			512	661	810	Tune up Power tolerant
Frequency (MHz)	824.2	836.6	848.8	/	1850.2	1880	1909.8	/
GSM Voice (1 uplink),GMSK	32.58	32.19	32.07	32±1	30.66	30.56	30.31	30±1
GPRS Multi-Slot Class 8 (1 uplink),GMSK	32.56	32.18	32.06	32±1	30.65	30.52	30.29	30±1
GPRS Multi-Slot Class 10 (2 uplink),GMSK	31.72	31.31	31.18	31±1	29.79	29.67	29.49	29±1
GPRS Multi-Slot Class 12 (4 uplink),GMSK	28.78	28.37	28.25	28±1	26.54	26.50	26.37	26±1
Remark : GPRS, CS1 coding scheme. Multi-Slot Class 8 , Support Max 4 downlink, 1 uplink , 5 working link Multi-Slot Class 10 , Support Max 4 downlink, 2 uplink , 5 working link								

Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link Multi-Slot Class 12, Support Max 4 downlink, 4 uplink, 5 working link

Note: Since GSM mode has higher power, so the test items below were not performed to GPRS mode.

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UMTS Mode:

UMIS-FDD Band V							
Band/ Time Slot configuration	Channel	Frequency	Average power (dBm)				
DMC	4132	826.4	23.14				
RMC	4175	835.0	23.09				
12.2kbps	4233	846.6	23.15				
LICDDA	4132	826.4	22.93				
HSDPA Subtest1	4175	835.0	22.97				
Subtest1	4233	846.6	22.96				
	4132	826.4	22.82				
HSDPA Subtest2	4175	835.0	22.75				
Sublest2	4233	846.6	22.88				
	4132	826.4	22.79				
HSDPA Subtest3	4175	835.0	22.76				
Sublesis	4233	846.6	22.71				
	4132	826.4	22.64				
HSDPA Subtest4	4175	835.0	22.59				
Sublest4	4233	846.6	22.37				
	4132	826.4	22.29				
HSUPA Subtest1	4175	835.0	22.35				
Sublest	4233	846.6	22.32				
	4132	826.4	22.52				
HSUPA Subtest2	4175	835.0	22.46				
Sublest2	4233	846.6	22.45				
	4132	826.4	22.17				
HSUPA Subtest3	4175	835.0	22.19				
Sublesis	4233	846.6	22.25				
	4132	826.4	22.38				
HSUPA Subtest4	4175	835.0	22.32				
SUDIES14	4233	846.6	22.27				
	4132	826.4	22.24				
HSUPA Subtest5	4175	835.0	22.20				
Sublesis	4233	846.6	22.19				

UMTS-FDD Band V



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Band/ Time Slot configuration	Channel	Frequency	Average power (dBm)
RMC	9262	1852.4	23.24
12.2kbps	9400	1880.0	23.27
12.2K0ps	9538	1907.6	23.07
HSDPA	9262	1852.4	22.92
Subtest1	9400	1880.0	22.91
Sublest1	9538	1907.6	22.99
HSDPA	9262	1852.4	22.83
Subtest2	9400	1880.0	22.85
50010812	9538	1907.6	22.87
	9262	1852.4	22.92
HSDPA Subtest3	9400	1880.0	22.95
Sublests	9538	1907.6	22.86
HSDPA	9262	1852.4	22.23
Subtest4	9400	1880.0	22.12
50010514	9538	1907.6	22.20
HSUPA	9262	1852.4	22.14
Subtest1	9400	1880.0	22.10
Sublest1	9538	1907.6	22.17
HSUPA	9262	1852.4	22.38
Subtest2	9400	1880.0	22.40
50010812	9538	1907.6	22.32
HSUPA	9262	1852.4	22.29
Subtest3	9400	1880.0	22.25
50000315	9538	1907.6	22.27
HSUPA	9262	1852.4	22.16
Subtest4	9400	1880.0	22.14
50010514	9538	1907.6	22.10
LICUDA	9262	1852.4	22.32
HSUPA Subtest5	9400	1880.0	22.37
50010315	9538	1907.6	22.30

UMTS-FDD Band II



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ERP & EIRP (worst case) ERP for Cellular Band (Part 22H)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
824.2	18.24	V	6.8	0.53	24.51	38.45
824.2	18.31	Н	6.8	0.53	24.58	38.45
836.6	17.96	V	6.8	0.53	24.23	38.45
836.6	18.07	Н	6.8	0.53	24.34	38.45
848.8	18.11	V	6.9	0.53	24.48	38.45
848.8	17.88	Н	6.9	0.53	24.25	38.45

EIRP for PCS Band (Part 24E)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
1850.2	14.89	V	7.88	0.85	21.92	33
1850.2	15.03	Н	7.88	0.85	22.06	33
1880	14.73	V	7.88	0.85	21.76	33
1880	15.11	Н	7.88	0.85	22.14	33
1909.8	15.12	V	7.86	0.85	22.13	33
1909.8	14.94	Н	7.86	0.85	21.95	33

ERP for UMTS-FDD Band $V\,$ (Part 22H)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
826.4	11.82	V	6.8	0.53	18.09	38.45
826.4	12.02	Н	6.8	0.53	18.29	38.45
835	11.93	V	6.8	0.53	18.20	38.45
835	12.05	Н	6.8	0.53	18.32	38.45
846.6	11.86	V	6.9	0.53	18.23	38.45
846.6	11.99	Н	6.9	0.53	18.36	38.45

EIRP for UMTS-FDD Band II (Part 24E)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
1852.4	11.77	V	7.88	0.85	18.80	33
1852.4	12.04	Н	7.88	0.85	19.07	33
1880	11.69	V	7.88	0.85	18.72	33
1880	11.83	Н	7.88	0.85	18.86	33
1907.6	12.06	V	7.86	0.85	19.07	33
1907.6	11.68	Н	7.86	0.85	18.69	33

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5.3 §2.1047 - Modulation Characteristic

According to FCC § 2.1047(d), Part 22H & 24E there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

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5.4 §2.1049, §22.917, §22.905 & §24.238 - Occupied Bandwidth

1. Conducted Measurement EUT was set for low, mid, high channel with modulated mode and highest RF output power. The spectrum analyser was connected to the antenna terminal. 2. **Environmental Conditions** $23^{\circ}C$ Temperature **Relative Humidity** 56% Atmospheric Pressure 1009mbar 3. Conducted Emissions Measurement Uncertainty All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 30MHz - 40GHz is $\pm 1.5dB$.

4. Test date : June 09, 2014 Tested By : Wiky Jam

Procedures:

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.

2. The 99% and 26 dB occupied bandwidth (BW) of the middle channel for the highest RF powers.

3. Details according with KDB 971168 section 4.1 & 4.2.

Test Results: Pass

The test data please refer to 14070281-FCC-R1

Cellular Band (Part 22H)			
Channel	Frequency (MHz)	99% Occupied Bandwidth (kHz)	26 dB Bandwidth (kHz)
128	824.2	244.3870	319.661
190	836.6	245.8834	325.408
251	848.8	243.1513	320.138

PCS Band (Part 24E)

Channel	Frequency (MHz)	99% Occupied Bandwidth (kHz)	26 dB Bandwidth (kHz)
512	1850.2	244.1796	319.999
661	1880.0	244.3426	315.943
810	1909.8	247.0262	320.587

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UMTS-FDD Band V (Part 22H)

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
4132	826.4	4.1862	4.759
4175	835.0	4.1477	4.706
4233	846.6	4.1694	4.715

UMTS-FDD Band II (Part 24E)

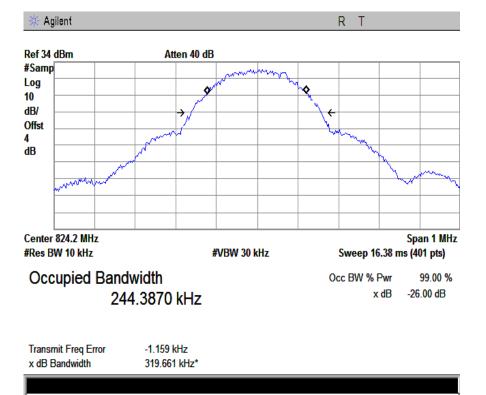
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
9262	1852.4	4.1644	4.723
9400	1880.0	4.1816	4.763
9538	1907.6	4.1924	4.815

Please refer to the following plots.

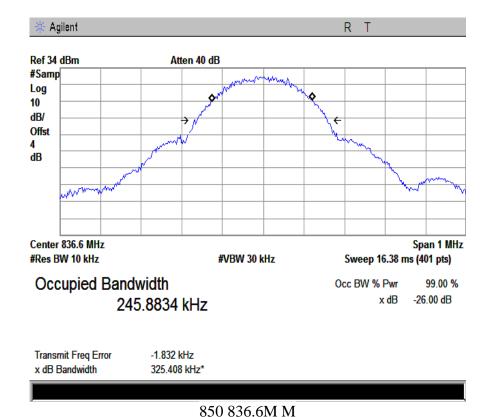
Note: 850: Cellular Band PCS: PCS Band W850: UMTS-FDD Band $\,V\,$ W1900: UMTS-FDD Band II

L: Low Channel M: Middle Channel H: High Channel

99% Occupied Bandwidth & 26 dB Bandwidth



850 824.2M L

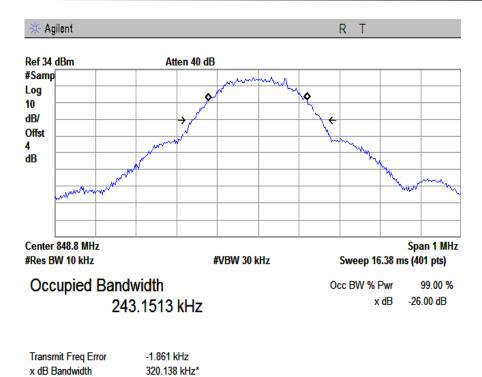


Title: RF Test Re Main Model: GLORY II

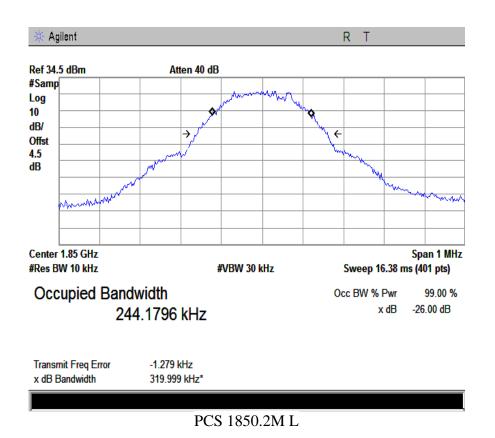
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850 848.8M H

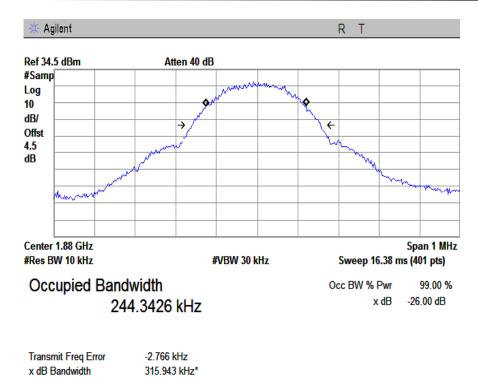


Title: RF Test Re Main Model: GLORY II

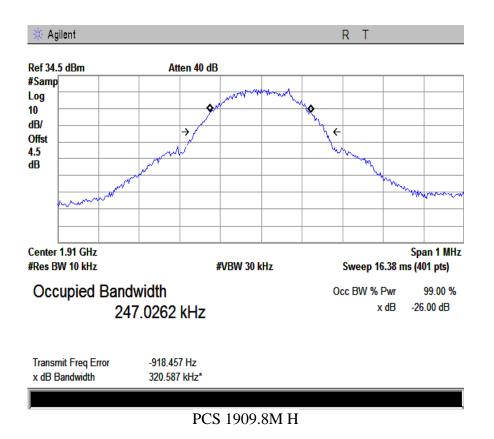
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PCS 1880M M

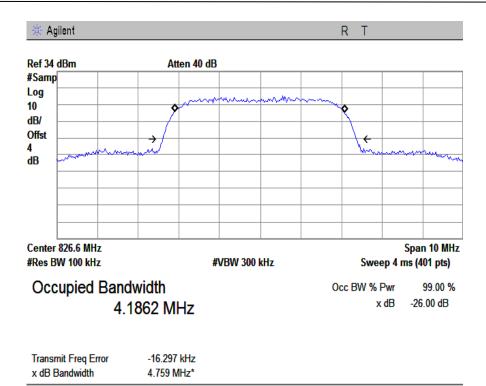


Title: RF Test Re Main Model: GLORY II

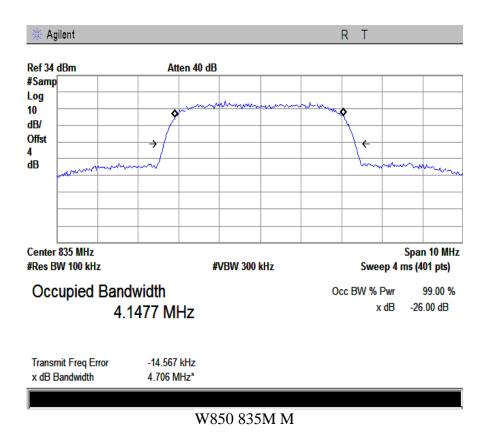
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W850 826.6M L

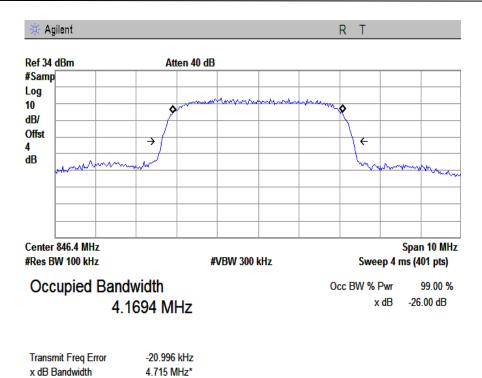


Title: RF Test Re Main Model: GLORY II

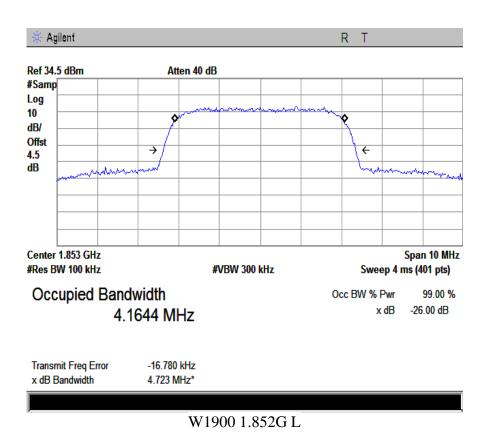
Accessing global mariets RF Test Report for Smart Mobile Phone Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013
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W850 846.4M H

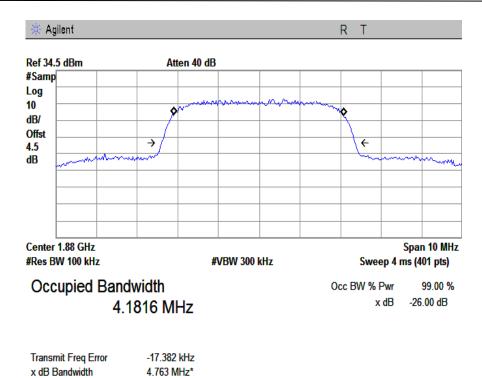


Title: RF Test Re Main Model: GLORY II

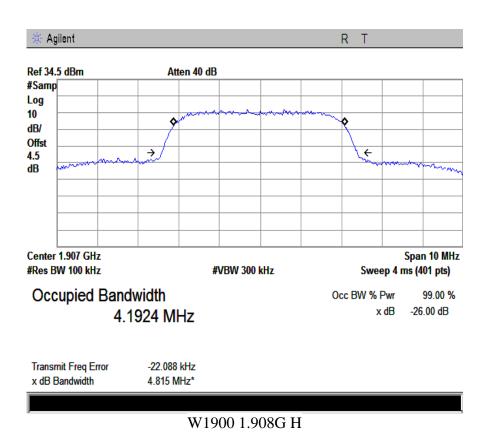
Accessing global mariets RF Test Report for Smart Mobile Phone Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013
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W1900 1.88G M



SIEMIC, INC. Accessing global markets RF Test Report for Smart Mobile Phone Main Model: GLORY II

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5.5 §2.1051, §22.917(a) & §24.238(a) - Spurious Emissions at Antenna Terminals

1.	Conducted Measurement			
	EUT was set for low, mid, high channel with modulated mode and highest RF output power.			
	The spectrum analyzer was connec	ted to the antenna terminal.		
2.	Conducted Emissions Measuremen	t Uncertainty		
	All test measurements carried out are traceable to national standards. The uncertainty of the measurer			
	a confidence level of approximately 95% (in the case where distributions are normal), with a coverage fa			
	of 2, in the range 30MHz - 40GHz	is ± 1.5 dB.		
3.	Environmental Conditions	Temperature	24°C	
		Relative Humidity	53%	
		Atmospheric Pressure	1012mbar	
4.	Test date : July 22, 2014	-		
	Tested By : Wiky Jam			

Standard Requirement:

Title:

Serial Model: N/A

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P) dB$.

Procedures:

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.

2. The Band Edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100.

3. Details according with KDB 971168 section 6.0.

Test Result: Pass

The test data please refer to 14070281-FCC-R1

Refer to the attached plots.

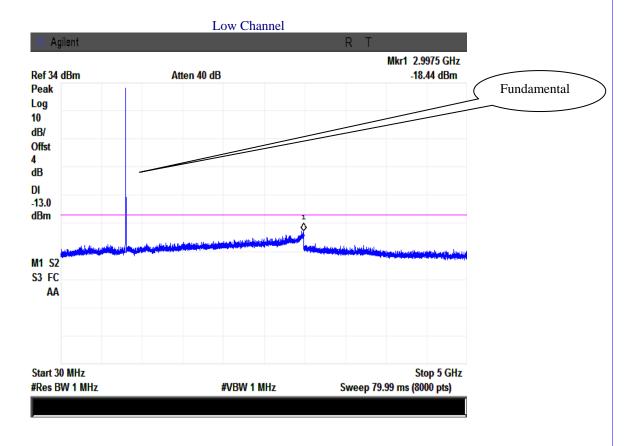


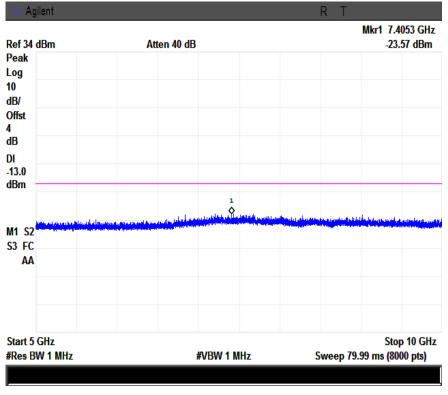


Accessing global markets Title: RF Test Report for Smart Mobile Phone Main Model: GLORY II Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 25 of 71 www.siemic.com www.siemic.com.cn

Cellular Band (Part 22H)

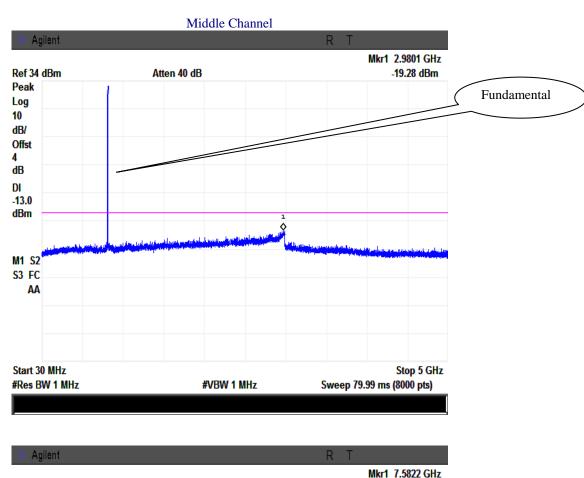
30MHz -10G - GSM850

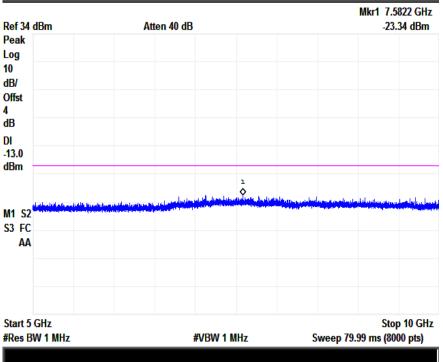






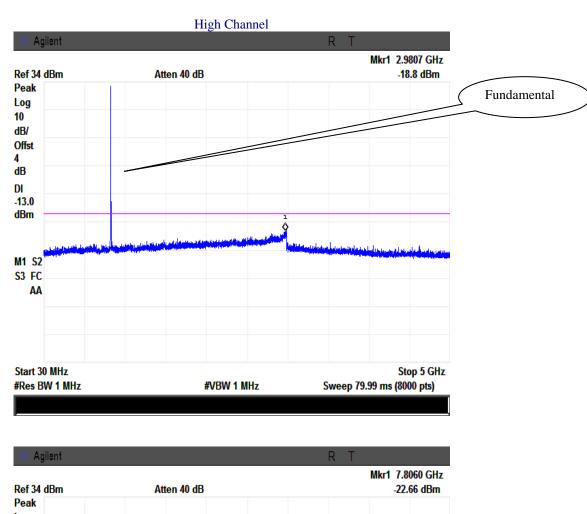
Accessing global markets RF Test Report for Smart Mobile Phone Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 26 of 71 www.siemic.com www.siemic.com.cn







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Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 28 of 71 www.siemic.com www.siemic.com.cn

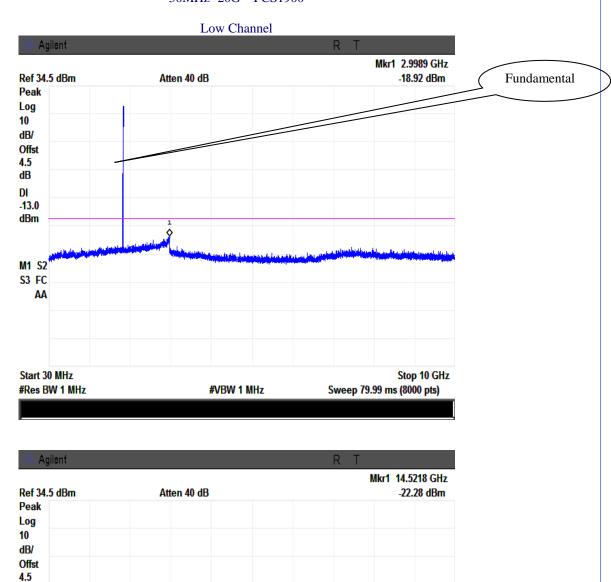
PCS Band (Part24E)

dB DI -13.0 dBm

M1 S2 S3 FC AA

Start 10 GHz

#Res BW 1 MHz



ويتباعه لفاقيه

Stop 20 GHz

Sweep 100 ms (8000 pts)

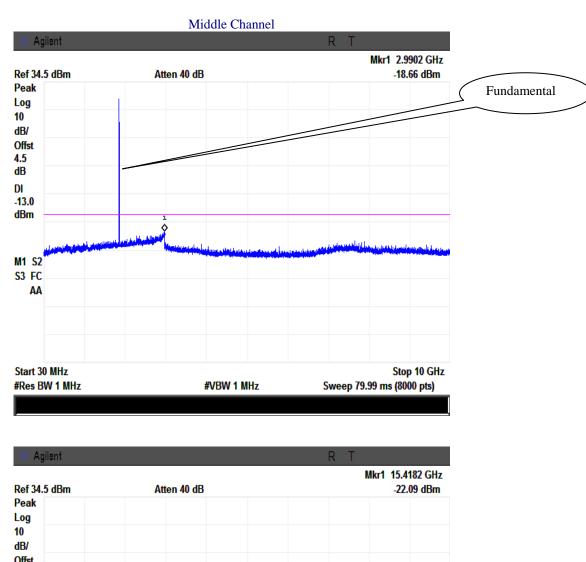
30MHz -20G - PCS1900

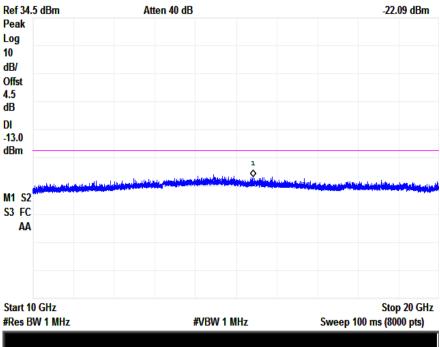
ò

#VBW 1 MHz



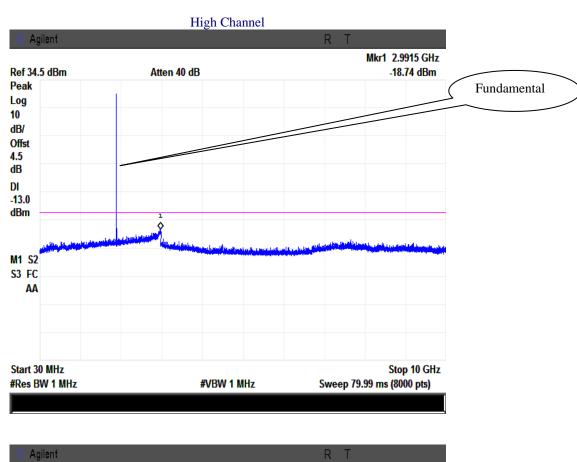
Accessing global markets RF Test Report for Smart Mobile Phone Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 29 of 71 www.siemic.com www.siemic.com.cn

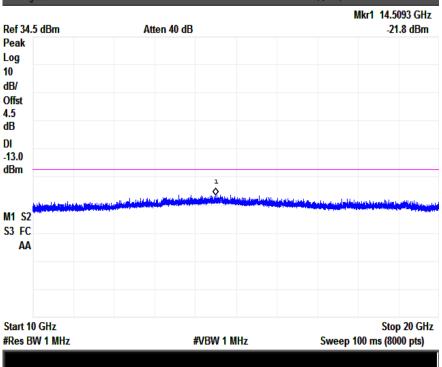






Accessing global markets RF Test Report for Smart Mobile Phone Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 30 of 71 www.siemic.com www.siemic.com.cn





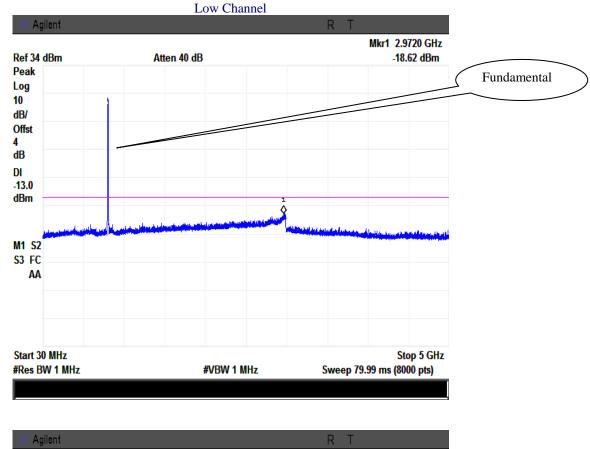


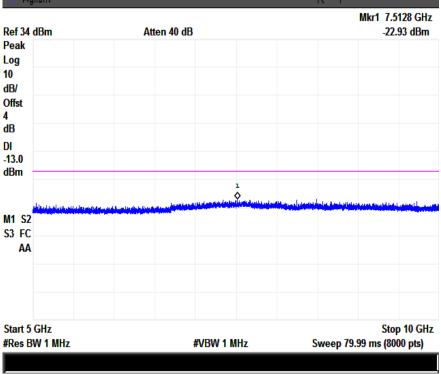


Accessing global markets Title: RF Test Report for Smart Mobile Phone Main Model: GLORY II Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 31 of 71 www.siemic.com www.siemic.com.cn

UMTS-FDD Band V (Part 22H)

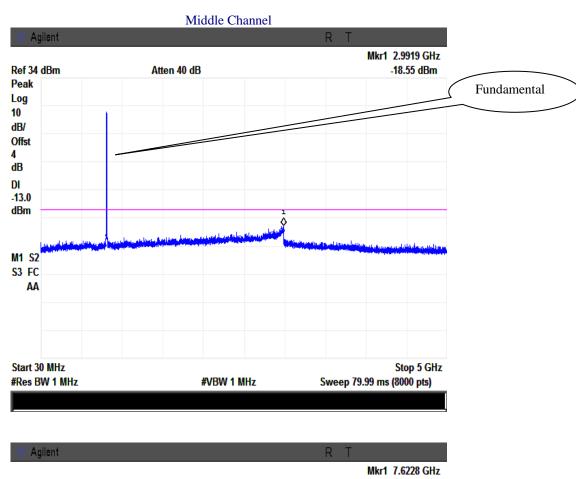
30MHz -10G - WCDMA 850

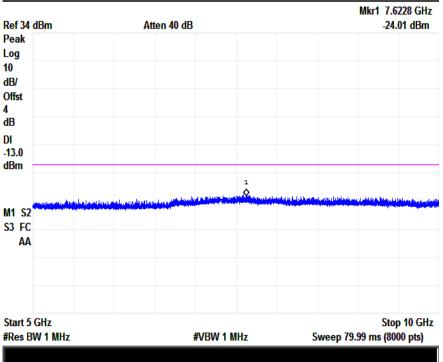






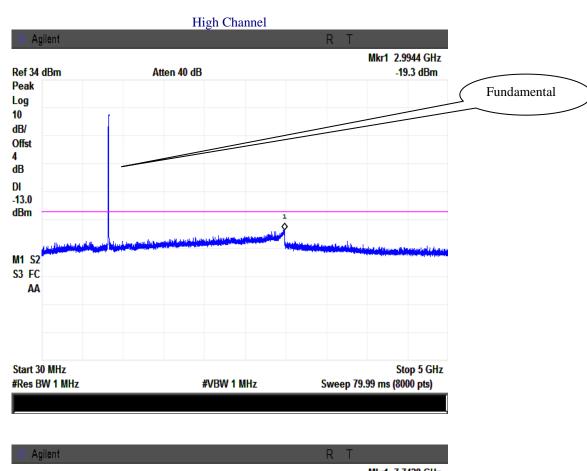
Accessing global markets RF Test Report for Smart Mobile Phone Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 32 of 71 www.siemic.com www.siemic.com.cn

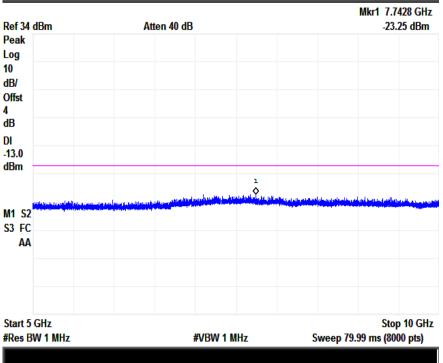






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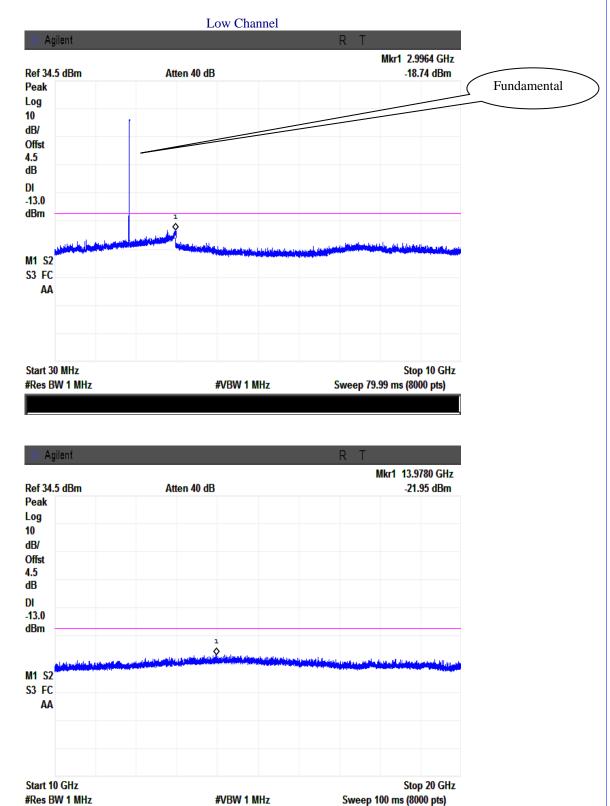




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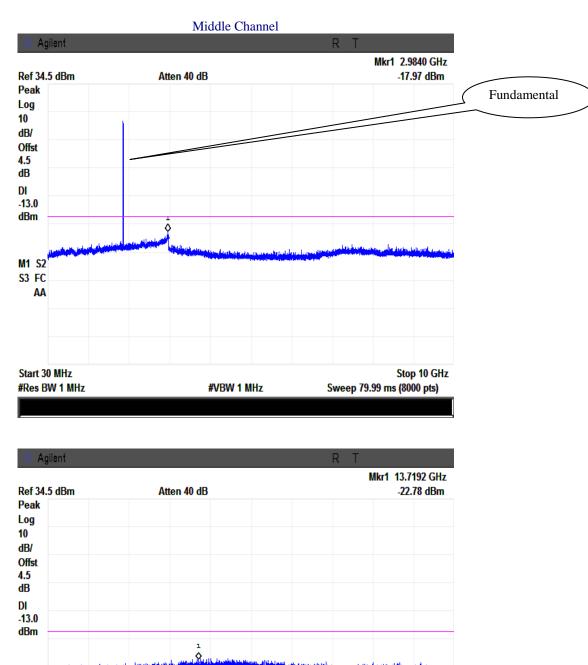
UMTS-FDD Band II (Part24E)

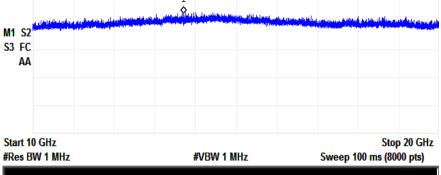
30MHz -25G - WCDMA1900





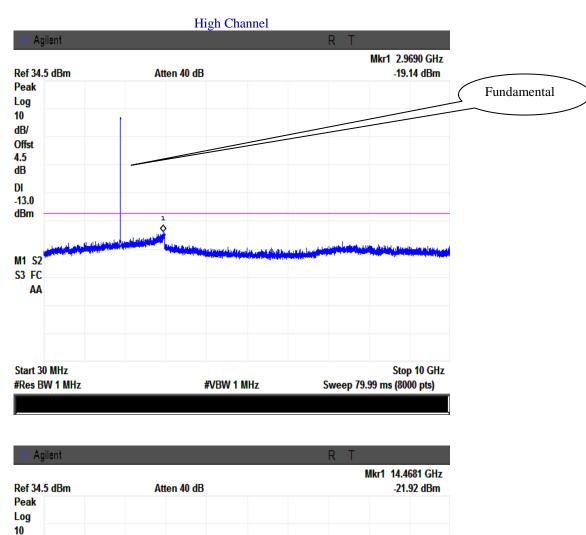
Accessing global markets RF Test Report for Smart Mobile Phone Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 35 of 71 www.siemic.com www.siemic.com.cn

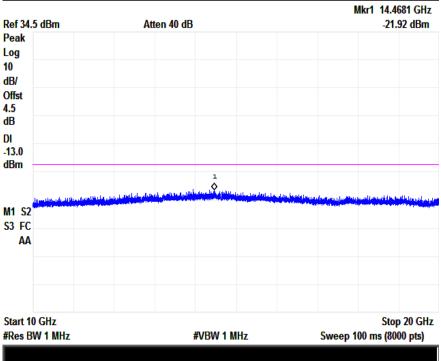






Accessing global markets RF Test Report for Smart Mobile Phone Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 36 of 71 www.siemic.com www.siemic.com.cn





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1011mbar

5.6 §2.1053, §22.917 & §24.238 - Spurious Radiated Emissions

- 1. All possible modes of operation were investigated. Only the 6 worst case emissions measured, using the correct CISPR detectors, are reported. All other emissions were relatively insignificant.
- 2. A "-ve" margin indicates a PASS as it refers to the margin present below the limit line at the particular frequency.
- Radiated Emissions Measurement Uncertainty
 All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 1GHz 40GH is ±6.0dB (for EUTs < 0.5m X 0.5m X 0.5m).</p>

 Environmental Conditions
 Temperature
 24°C
 Relative Humidity
 59%

Atmospheric Pressure

5. Test date : June 21, 2014 Tested By : Wiky Jam

Standard Requirement:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P) dB$. The spectrum is scanned from 30 MHz up to a frequency including its 10^{th} harmonic.

Procedures: (According with TIA 603D)

- 1. The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable.
- 2. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.
- 3. Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

Sample Calculation:

EUT Field Strength (dBm) = Reading (Signal generator) + Antenna Gain (substitution antenna) - Cable loss (From Signal Generator to substitution antenna)

Test Result: Pass



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Cellular Band (Part 22H)

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1648.4	-36.03	V	7.95	0.78	-28.86	-13	-15.86
1648.4	-35.86	Н	7.95	0.78	-28.69	-13	-15.69
290.8	-53.56	V	6	0.25	-47.81	-13	-34.81
688.4	-49.88	Н	7	0.4	-43.28	-13	-30.28

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1673.2	-35.44	V	7.95	0.78	-28.27	-13	-15.27
1673.2	-36.27	Н	7.95	0.78	-29.10	-13	-16.10
288.6	-54.13	V	6	0.25	-48.38	-13	-35.38
691.6	-50.03	Н	7	0.4	-43.43	-13	-30.43

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1697.6	-35.86	V	7.95	0.78	-28.69	-13	-15.69
1697.6	-36.42	Н	7.95	0.78	-29.25	-13	-16.25
292.7	-54.11	V	6	0.25	-48.36	-13	-35.36
683.9	-49.57	Н	7	0.4	-42.97	-13	-29.97



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PCS Band (Part 24E)

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3700.4	-40.12	V	10.25	2.73	-32.60	-13	-19.60
3700.4	-39.89	Н	10.25	2.73	-32.37	-13	-19.37
290.1	-53.98	V	6	0.25	-48.23	-13	-35.23
686.6	-50.17	Н	7	0.4	-43.57	-13	-30.57

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3760	-39.85	V	10.25	2.73	-32.33	-13	-19.33
3760	-40.11	Н	10.25	2.73	-32.59	-13	-19.59
292.4	-54.26	V	6	0.25	-48.51	-13	-35.51
683.4	-49.83	Н	7	0.4	-43.23	-13	-30.23

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3819.6	-39.84	V	10.36	2.73	-32.21	-13	-19.21
3819.6	-40.05	Н	10.36	2.73	-32.42	-13	-19.42
288.8	-54.44	V	6	0.25	-48.69	-13	-35.69
685.9	-49.79	Н	7	0.4	-43.19	-13	-30.19



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UMTS-FDD Band V (Part 22H)

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1652.8	-44.05	V	7.95	0.78	-36.88	-13	-23.88
1652.8	-43.77	Н	7.95	0.78	-36.60	-13	-23.60
291.9	-53.86	V	6	0.25	-48.11	-13	-35.11
683.1	-50.13	Н	7	0.4	-43.53	-13	-30.53

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1670	-43.29	V	7.95	0.78	-36.12	-13	-23.12
1670	-44.16	Н	7.95	0.78	-36.99	-13	-23.99
289.9	-54.21	V	6	0.25	-48.46	-13	-35.46
689.4	-49.79	Н	7	0.4	-43.19	-13	-30.19

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1693.2	-43.57	V	7.95	0.78	-36.40	-13	-23.40
1693.2	-44.13	Н	7.95	0.78	-36.96	-13	-23.96
287.3	-54.13	V	6	0.25	-48.38	-13	-35.38
685.3	-49.82	Н	7	0.40	-43.22	-13	-30.22



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UMTS-FDD Band II (Part 24E)

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3704.8	-44.16	V	10.25	2.73	-36.64	-13	-23.64
3704.8	-45.04	Н	10.25	2.73	-37.52	-13	-24.52
282.5	-55.02	V	6	0.25	-49.27	-13	-36.27
679.9	-50.19	Н	7	0.40	-43.59	-13	-30.59

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3760	-43.22	V	10.25	2.73	-35.70	-13	-22.70
3760	-44.56	Н	10.25	2.73	-37.04	-13	-24.04
291.4	-54.85	V	6	0.25	-49.10	-13	-36.10
685.2	-49.87	Н	7	0.40	-43.27	-13	-30.27

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3815.2	-43.53	V	10.36	2.73	-35.90	-13	-22.90
3815.2	-44.77	Н	10.36	2.73	-37.14	-13	-24.14
284.6	-54.73	V	6	0.25	-48.98	-13	-35.98
685.1	-49.77	Н	7	0.40	-43.17	-13	-30.17

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5.7 §22.917(a) & §24.238(a) - Band Edge

1.	Conducted Measurement						
	EUT was set for low, mid, high	EUT was set for low, mid, high channel with modulated mode and highest RF output power.					
	The spectrum analyzer was con	nected to the antenna terminal.					
2.	Conducted Emissions Measurer	nent Uncertainty					
	All test measurements carried o	ut are traceable to national standard	ds. The uncertainty of the measurement at				
	a confidence level of approximation	a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor					
	of 2, in the range $30MHz - 40C$	Hz is $\pm 1.5 dB$.					
3.	Environmental Conditions	Temperature	24°C				
		Relative Humidity	58%				
		Atmospheric Pressure	1016mbar				
4.	Test date : June 17, 2014	-					
	Tested By : Wiky Jam						

Standard Requirement:

Title:

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P) dB$.

Procedures:

- 1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
- 2. The Band Edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100.
- 3. Details according with KDB 971168 section 6.0.

Test Result: Pass

The test data please refer to 14070281-FCC-R1

Refer to the attached plots.

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.9800	-13.03	-13
849.0150	-13.18	-13

1 /D 2211

PCS Band (Part 24E)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.9775	-14.08	-13
1910.0200	-14.48	-13

UMTS-FDD Band V (Part 22H)

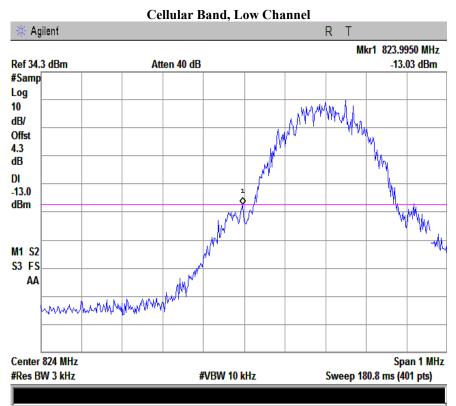
Frequency (MHz)	Emission (dBm)	Limit (dBm)
824.000	-15.44	-13
849.000	-23.95	-13

UMTS-FDD Band II (Part 24E)

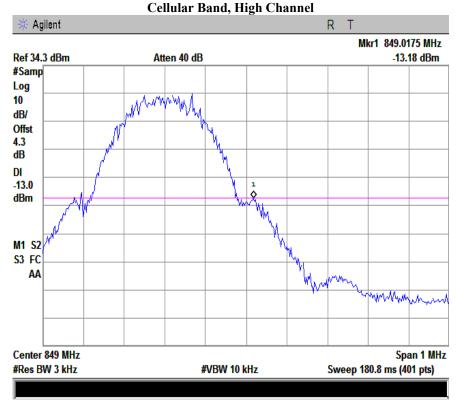
Frequency (MHz)	Emission (dBm)	Limit (dBm)
1850.000	-22.15	-13
1910.000	-18.02	-13



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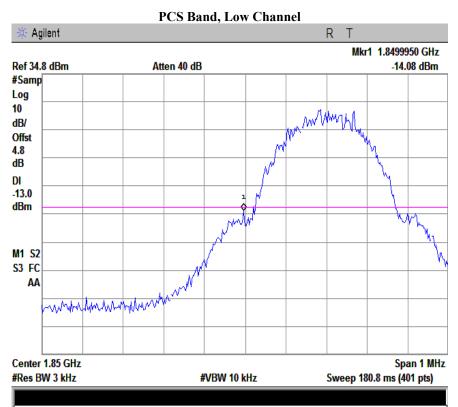
Note: Offset=Cable loss (4.0) + 10log (3.19/3)=4.0+0.3=4.3 dB



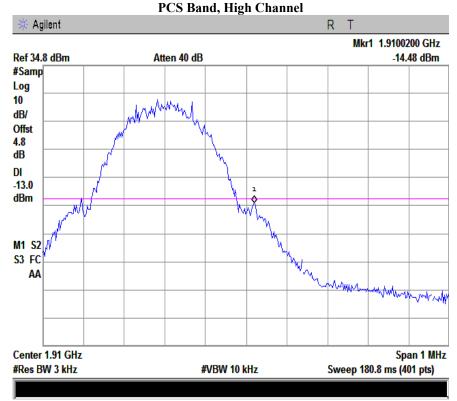
Note: Offset=Cable loss (4.0) + 10log (3.2/3)=4.0+0.3=4.3 dB



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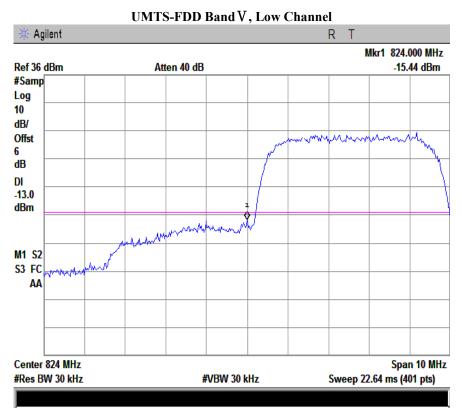
Note: Offset=Cable loss (4.5) + 10log (3.2/3)=4.5+0.3=4.8 dB



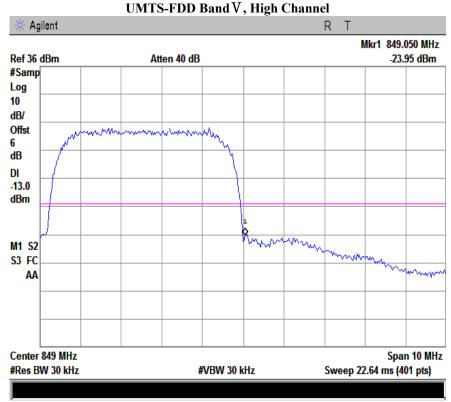
Note: Offset=Cable loss (4.5) + 10log (3.2/3)=4.5+0.3=4.8 dB



Accessing global markets Title: RF Test Report for Smart Mobile Phone Main Model: GLORY II Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013 Report No: 14070282-FCC-R1 Issue Date: July 23, 2014 Page: 46 of 71 www.siemic.com www.siemic.com.cn



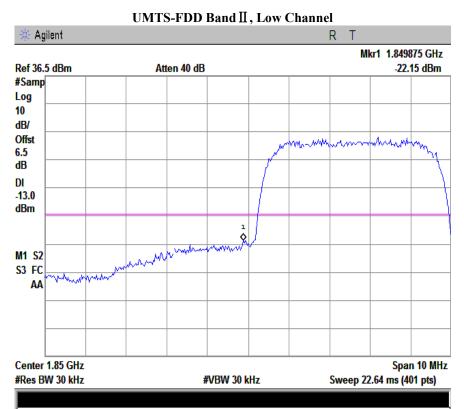
Note: Offset=Cable loss (4) + 10log (47/30) =4+2=6 dB



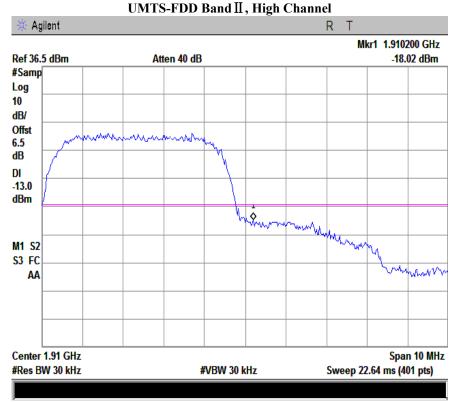
Note: Offset=Cable loss (4) + 10log (47/30)=4+2=6 dB



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Note: Offset=Cable loss (4.5) + 10log (47/30)=4.5+2=6.5 dB



Note: Offset=Cable loss (4.5) + 10log (48/30)=4.5+2=6.5 dB

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5.8 §2.1055, §22.355 & §24.235 - Frequency Stability

1.	Environmental Conditions	Temperature Relative Humidity Atmospheric Pressure	23°C 56% 1015mbar
2.	Test date : June 16, 2014 Tested By : Wiky Jam		Toroniou

Standard Requirement:

According to §22.355, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table below:

Frequency Range (MHz)	Base, fixed (ppm)	Mobile ≤3 watts (ppm)	Mobile ≤ 3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929.	5.0	N/A	N/A
929 to 960.	1.5	N/A	N/A
2110 to 2220	10.0	N/A	N/A

Frequency Tolerance for Transmitters in the Public Mobile Services

According to §24.235, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized frequency block.

Procedures:

A communication link was established between EUT and base station. The frequency error was monitored and measured by base station under variation of ambient temperature and variation of primary supply voltage.

Limit: The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ (± 2.5 ppm) of the center frequency.

Test Results: Pass *The test data please refer to 14070281-FCC-R1*

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Frequency Stability versus Temperature: The Frequency tolerance of the carrier signal shall be maintained within 2.5ppm of the operating frequency over a temperature variation of -10°C to +55°C at normal supply voltage.

Cenular Band (Part 22H)						
Middle Channel, f _o = 836.6 MHz						
Temperature (℃)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)		
-10		7	0.0084	2.5		
0		12	0.0143	2.5		
10		-8	0.0096	2.5		
20		-11	0.0131	2.5		
30	3.7	15	0.0179	2.5		
40		14	0.0167	2.5		
50		19	0.0227	2.5		
55		20	0.0239	2.5		
25	4.2	-12	0.0143	2.5		
25	3.5	17	0.0203	2.5		

Cellular Band (Part 22H)

PCS Band (Part 24E)

	Middle Channel, f _o = 1880 MHz						
Temperature (°C)Power Supplied (VDC)		Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)			
-10		27	0.0144	2.5			
0		-23	0.0122	2.5			
10	3.7	26	0.0138	2.5			
20		21	0.0112	2.5			
30		20	0.0106	2.5			
40		-18	0.0096	2.5			
50		-11	0.0059	2.5			
55		-22	0.0117	2.5			
25	4.2	16	0.0085	2.5			
25	3.5	-17	0.0090	2.5			



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UNIS-FDD Banu V (Fart 22n)						
Middle Channel, $f_0 = 835 \text{ MHz}$						
Temperature (℃)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)		
-10		9	0.0108	2.5		
0		4	0.0048	2.5		
10		8	0.0096	2.5		
20		7	0.0084	2.5		
30	3.7	5	0.0060	2.5		
40		12	0.0144	2.5		
50		15	0.0180	2.5		
55		10	0.0120	2.5		
25	4.2	5	0.0060	2.5		
25	3.5	7	0.0084	2.5		

UMTS-FDD Band V (Part 22H)

UMTS-FDD Band II (Part 24E)

	Middle Channel, f _o = 1880 MHz						
Temperature (°C)Power Supplied (VDC)		Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)			
-10		13	0.0069	2.5			
0		15	0.0080	2.5			
10	3.7	11	0.0059	2.5			
20		10	0.0053	2.5			
30		8	0.0043	2.5			
40		12	0.0064	2.5			
50		15	0.0080	2.5			
55		6	0.0032	2.5			
25	4.2	10	0.0053	2.5			
23	3.5	14	0.0074	2.5			



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TEST INSTRUMENT & METHOD Annex A.

TEST INSTRUMENTATION & GENERAL PROCEDURES Annex A.i.

Instrument	Model	Serial #	Calibration Date	Calibration Due Date
RF conducted test				
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	MY45108319	09/17/2013	09/16/2014
Power Splitter	1#	1#	09/02/2013	09/01/2014
Universal Radio Communication Tester	CMU200	121393	09/17/2013	09/16/2014
Temperature/Humidity Chamber	UHL-270	001	10/22/2013	10/21/2014
DC Power Supply	E3640A	MY40004013	09/17/2013	09/16/2014
Radiated Emissions				
EMI test receiver	ESL6	100262	11/23/2013	11/22/2014
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	09/02/2013	09/01/2014
Microwave Preamplifier (0.5~18GHz)	PAM-118	443008	09/02/2013	09/01/2014
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/23/2013	09/22/2014
Bilog Antenna (30MHz~2GHz)	JB1	A112017	09/23/2013	09/22/2014
Double Ridge Horn Antenna	AH-118	71259	11/20/2013	11/19/2014
(1 ~18GHz)				
Double Ridge Horn Antenna	AH-118	71283	11/20/2013	11/19/2014
(1 ~18GHz)				
SYNTHESIZED SIGNAL GENERATOR	8665B	3744A01293	09/17/2013	09/16/2014
Tunable Notch Filter	3NF- 800/1000-S	AA4	09/02/2013	09/01/2014
Tunable Notch Filter	3NF- 1000/2000-S	AM 4	09/02/2013	09/01/2014

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Annex A. ii. RADIATED EMISSIONS TEST DESCRIPTION

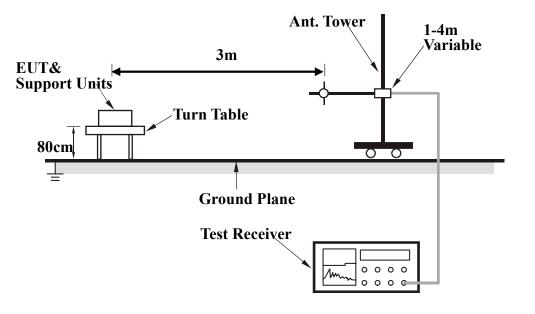
EUT Characterisation

EUT characterisation, over the frequency range from 30MHz to 1GHz (for FCC tests, until the 10th harmonic for operating frequencies \geq 108MHz),, was done in order to minimise radiated emissions testing time while still maintaining high confidence in the test results.

The EUT was placed in the chamber, at a height of about 0.8m on a turntable. Its radiated emissions frequency profile was observed, using a spectrum analyzer /receiver with the appropriate broadband antenna placed 3m or 10m away from the EUT. Radiated emissions from the EUT were maximised by rotating the turntable manually, changing the antenna polarisation and manipulating the EUT cables while observing the frequency profile on the spectrum analyzer / receiver. Frequency points at which maximum emissions occurred, clock frequencies and operating frequencies were then noted for the formal radiated emissions test at the Open Area Test Site (OATS) or EMC 3m chamber.

Test Set-up

- 1. The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m X 1.0m X 0.8m high, non-metallic table.
- 2. The filtered power supply for the EUT and supporting equipment were tapped from the appropriate power sockets located on the turntable.
- 3. The relevant broadband antenna was set at the required test distance away from the EUT and supporting equipment boundary.





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Test Method

The following procedure was performed to determine the maximum emission axis of EUT:

- 1. With the receiving antenna is H polarization, rotate the EUT in turns with three orthogonal axes to determine the axis of maximum emission.
- 2. With the receiving antenna is V polarization, rotate the EUT in turns with three orthogonal axes to determine the axis of maximum emission.
- 3. Compare the results derived from above two steps. So, the axis of maximum emission from EUT was determined and the configuration was used to perform the final measurement.

Final Radiated Emission Measurement

1. Setup the configuration according to figure 1. Turn on EUT and make sure that it is in normal function.

- 2. For emission frequencies measured below 1 GHz, a pre-scan is performed in a shielded chamber to determine the accurate frequencies of higher emissions will be checked on a open test site or EMC 10m chamber. As the same purpose, for emission frequencies measured above 1 GHz, a pre-scan also be performed with a 1 meter measuring distance before final test.
- 3. For emission frequencies measured below and above 1 GHz, set the spectrum analyzer on a 100 kHz and 1 MHz resolution bandwidth respectively for each frequency measured in step 2.
- 4. The search antenna is to be raised and lowered over a range from 1 to 4 meters in horizontally polarized orientation. Position the highness when the highest value is indicated on spectrum analyzer, then change the orientation of EUT on test table over a range from $0 \circ$ to $360 \circ$ with a speed as slow as possible, and keep the azimuth that highest emission is indicated on the spectrum analyzer. Vary the antenna position again and record the highest value as a final reading.
- 5. Repeat step 4 until all frequencies need to be measured were complete.

6. Repeat step 5 with search antenna in vertical polarized orientations.

During the radiated emission test, the Spectrum Analyzer was set with the following configurations:

Frequency Band	Function	Resolution bandwidth Video Bandwidth	
(MHz)			
30 to 1000	Peak	100 kHz	100 kHz
Above 1000	Peak	1 MHz	1 MHz
Above 1000	Average	1 MHz	10 Hz

Description of Radiated Emission Program

This EMC Measurement software run LabView automation software and offers a common user interface for electromagnetic interference (EMI) measurements. This software is a modern and powerful tool for controlling and monitoring EMI test receivers and EMC test systems. It guarantees reliable collection, evaluation, and documentation of measurement results. Basically, this program will run a pre-scan measurement before it proceeds with the final measurement. The pre-scan routine will run the scan on four different antenna heights, 2 antenna polarity, and 360 degrees table rotation. For example, the program was set to run 30 MHz to 1 GHz scan; the program will first start from a meter antenna height and divide the 30 MHz to 1 GHz into 10 separate parts of maximum hold sweeps. Each parts of maximum hold sweep, the program will collect the data from 0 degree to 360 degrees table rotation. After the program complete the 1m scan, the antenna continues to rise to 2m and continue the scan. The step will repeated for all specified antenna height and polarity. This program will perform the Quasi Peak measurement after the signal maximization process and pre-scan routine. The final measurement will be base on the pre-scan data reduction result.

Sample Calculation Example

The field strength is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain (if any) from the measured reading. For the limit is employed average value, therefore the peak value can be transferred to average value by subtracting the duty factor. The basic equation with a sample calculation is as follows: Peak = Reading + Corrected Factor

where

Corr. Factor = Antenna Factor + Cable Factor - Amplifier Gain (if any) And the average value is

Average = Peak Value + Duty Factor or Set RBW = 1MHz, VBW = 10Hz.

Note:

If the measured frequencies are fall in the restricted frequency band, the limit employed must be quasi peak value when frequencies are below or equal to 1 GHz. And the measuring instrument is set to quasi peak detector function.





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Annex B. EUT AND TEST SETUP PHOTOGRAPHS

Annex B.i. Photograph 1: EUT External Photo



Whole Package - Top View



Adapter - Front View



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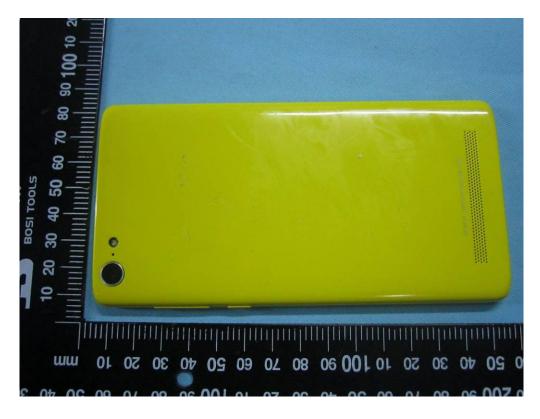
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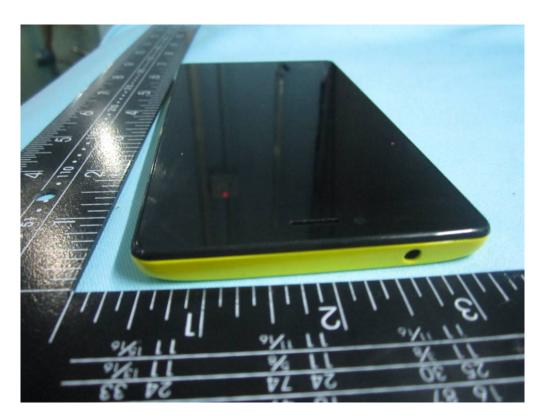
EUT - Front View



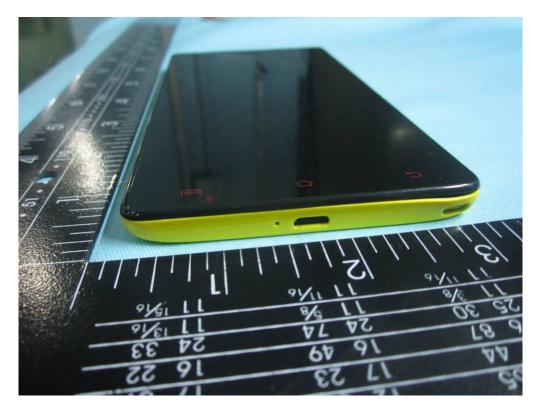
EUT - Rear View



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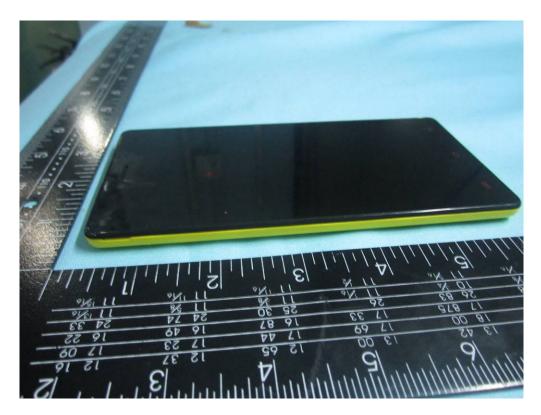
EUT - Top View



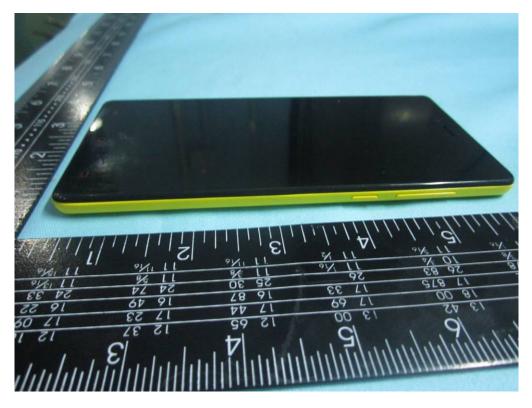
EUT - Bottom View



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EUT - Left View



EUT - Right View

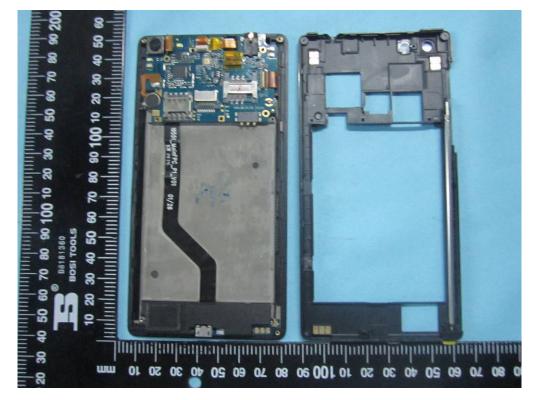




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Cover Off - Top View 1

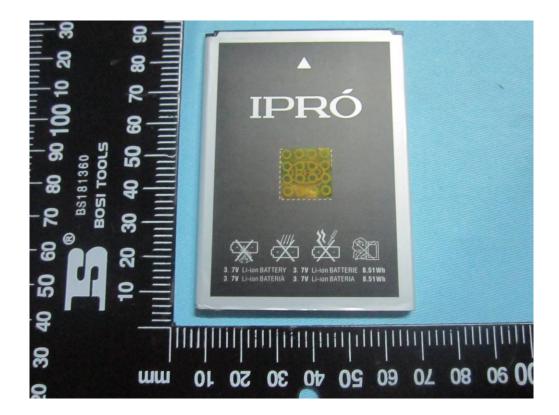


Cover Off - Top View 2

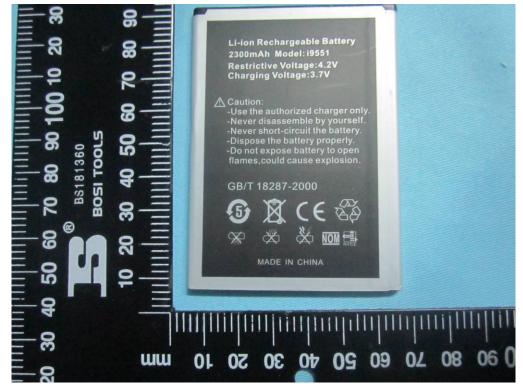


Serial Model: SLOKY II Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013

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Battery - Top View



Battery - Bottom View

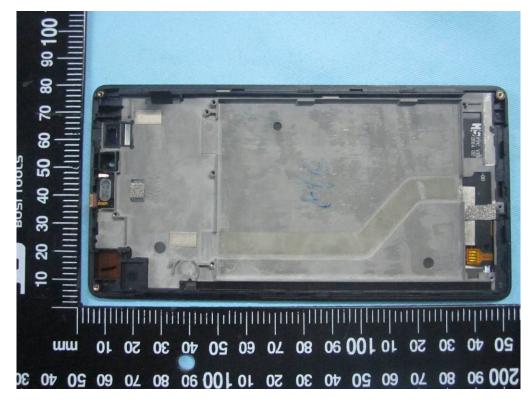


Mam Model: GLORY II Serial Model: N/A To: FCC Part 22(H) & FCC Part 24(E): 2013

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LCD - Front View



LCD - Rear View

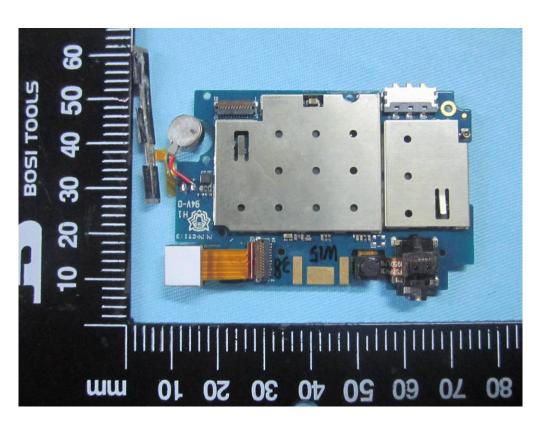


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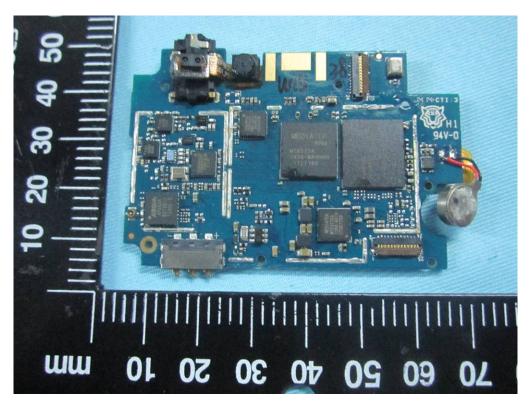
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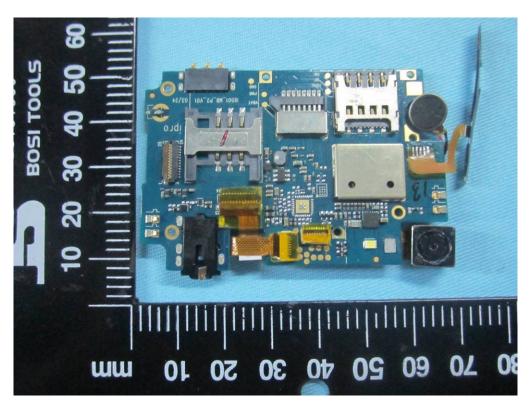
Mainborad With Shielding - Front View



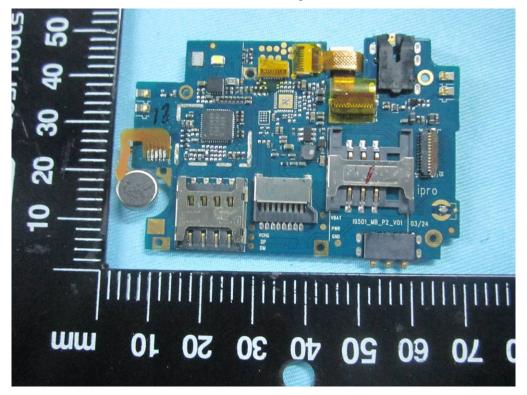
Mainborad Without Shielding - Front View



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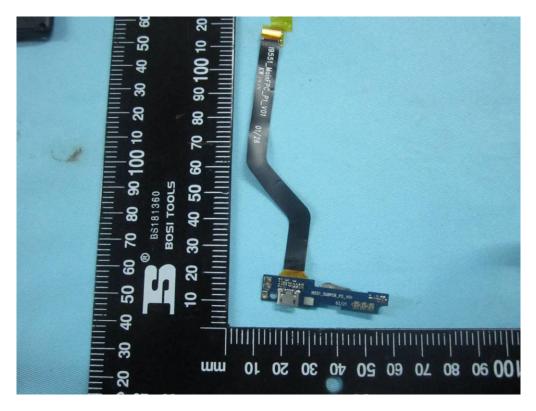
Mainborad With Shielding- Rear View



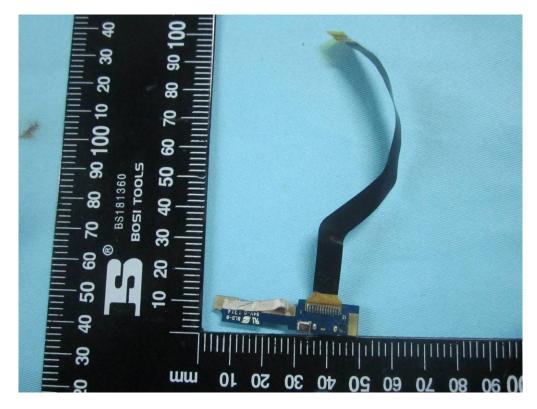
Mainborad Without Shielding- Rear View



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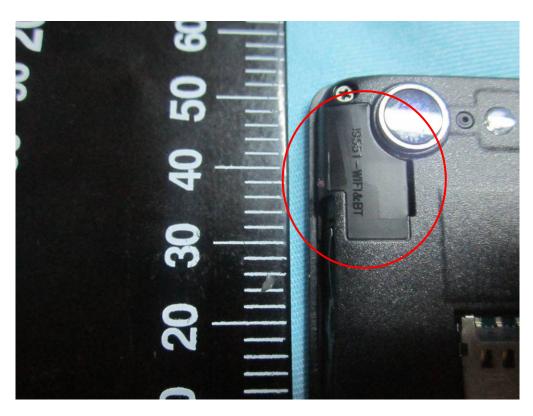
Connect board - Front View



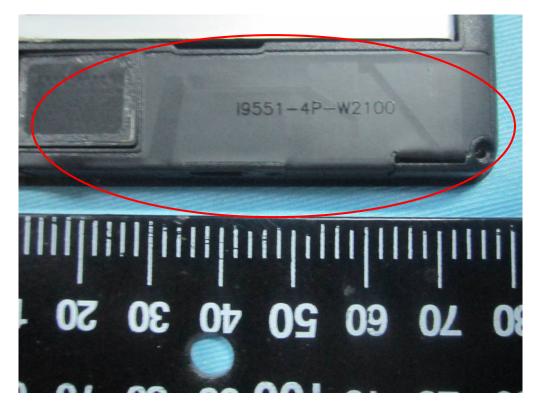
Connect board - Rear View



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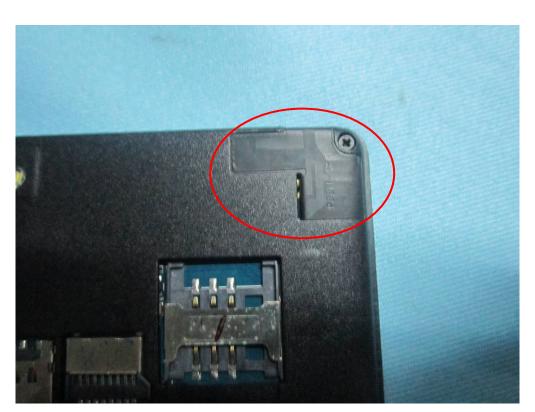
BT/BLE/WIFI Antenna View



GSM/PCS/UMTS-FDD Antenna View



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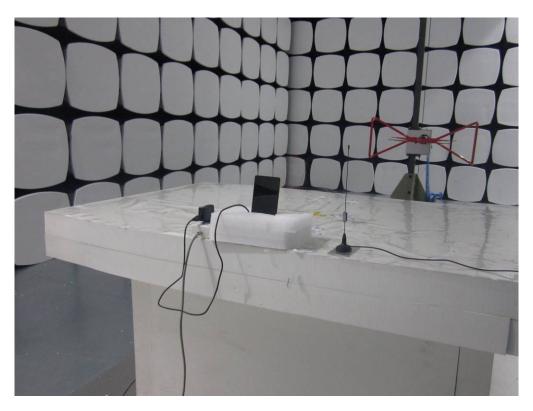


GPS Antenna View



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Annex B.iii. Photograph 3: Test Setup Photo



Radiated Spurious Emissions Test Setup Below 1GHz - Front View



Radiated Spurious Emissions Test Setup Above 1GHz –Front View

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Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

EUT TEST CONDITIONS

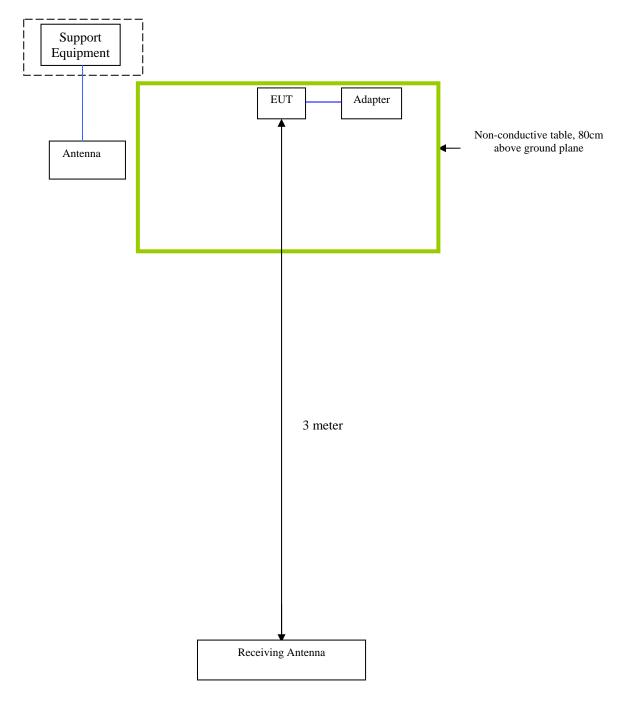
Annex C. i. SUPPORTING EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Manufacturer	Equipment Description (Including Brand Name)	Model	Calibration Date	Calibration Due Date
N/A	N/A	N/A	N/A	N/A



Block Configuration Diagram for Radiated Emissions



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Annex C.ii. EUT OPERATING CONDITIONS

The following is the description of how the EUT is exercised during testing.

Test	Description Of Operation	
Emissions Testing	The EUT was communicating with base station and set to work at maximum output power.	
Others Testing	The EUT was communicating with base station and set to work at maximum output power.	



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Annex D.USER MANUAL / BLOCK DIAGRAM / SCHEMATICS / PART **LIST**

Please see attachment



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Annex E. DECLARATION OF SIMILARITY



To: SIEMIC, 775 Montague Expressway, Milpitas, CA 95035, USA

Declaration Letter

Dear Sir,

We declare that there is no electrical change has been made to the equipment that alters the compliance characteristics. The difference between model GLORY II and original model GLORY I in the report 14070281 which was granted by SIEMIC are following:

- 1. Change the appearance of material;
- Change the GSM, WCDMA antenna appearance. Antenna location, Gain and type are the same. WIFI, BT antenna are the same.

Thank you!

Sisiy

Printed name/title: sissy / Manager Tel: 00852-96669759 Fax: 00852- 21100996 Address: FLAT/RM A3, 9/F SILVERCORP INT TOWER 707-713 NATHAN RD MONGKOK,HONGKONG