Verykool USA INC.

Mobile Phone

Main Model: i330 Serial Model: N/A

April 17, 2014

Report No.: 14070166-FCC-R1 (This report supersedes NONE)



Modifications made to the product: None

This Test Report is Issued Under the Authority of:

Herith Shi
Compliance Engineer

Technical Manager

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Test result presented in this test report is applicable to the representative sample only.





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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 Verykool USA INC., Mobile Phone and model: i330 against the current Stipulated Standards. The Mobile Phone has demonstrated compliance with the FCC Part 22(H) & FCC Part 24(E): 2013.

EUT Information

EUT

Description : Mobile Phone

Main Model : i330

Serial Model N/A

UMTS-FDD Band V/GSM850: 1.2 dBi

Antenna Gain UMTS-FDD Band II/PCS1900: -3 dBi

Bluetooth: 3 dBi

Battery:

Model: 523450AR Spec: 3.7V 800mAh

Input Power : Limited charger voltage: 4.2V

Adapter:

Model: NBT-004A-077C

Input: 100-240V; 50/60Hz 0.15A

Output: 5.0V; 500mA

GSM850: 31.36 dBm

Maximum Conducted

PCS1900: 28.70 dBm

AV Power to

Antenna

: UMTS-FDD Band V: 22.97 dBm

UMTS-FDD Band II: 22.18 dBm

GSM850: 28.97dBm / ERP

Maximum PCS1900:25.75 dBm / EIRP

Radiated : UMTS-FDD Band V : 20.03dBm / ERP

ERP/EIRP UMTS-FDD Band II: 21.04 dBm / EIRP

Classification

Per Stipulated : FCC Part 22(H) & FCC Part 24(E): 2013

Test Standard



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	2. TECHNICAL DETAILS
Purpose	Compliance testing of Mobile Phone with stipulated standard
Applicant / Client	Verykool USA INC. 3636 Nobel Drive, Suite 325, San Diego, CA 92122, USA
Manufacturer	SHENZHEN LEADING WAVE CO., LIMITED No. 604 R&D Complex Bldg, Tsinghua Hi-tech Park, Keyuan Rd. N. Shenzhen, 518057, China
SIEMIC (Shenzhen - China) Lab Zone A, Floor 1, Building 2, Wan Ye Long Technology Park, So of Zhoushi Road, Bao'an District, Shenzhen, Guangdor Tel: +86-0755-2601 4629 / 2 Fax: +86-0755-2601 Email: China@siemi	
Test report reference number	14070166-FCC-R1
Date EUT received	April 08, 2014
Standard applied	FCC Part 22(H) & FCC Part 24(E): 2013
Dates of test	April 14 to April 16, 2014
No of Units	#1
Equipment Category	PCE
Trade Name	Verykool
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 Bluetooth: 2402-2480 MHz
Number of Channels	299CH (PCS1900) and 124CH (GSM850) UMTS-FDD Band V : 102CH UMTS-FDD Band II : 277CH Bluetooth: 79CH
Modulation	GSM / GPRS: GMSK UMTS-FDD: QPSK Bluetooth: GFSK& π /4DQPSK&8DPSK
GPRS Multi-slot class	8/10/12
FCC ID	WA6I330



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3 MODIFICATION

NONE

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3. TEST SUMMARY

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.



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4. MEASUREMENTS, EXAMINATION AND DERIVED RESULTS

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: 14070166-FCC-H

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

1. 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.

2. 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 $\pm 1.5dB$.

3. Environmental Conditions Temperature 24°C

Relative Humidity 56% Atmospheric Pressure 1007mbar

4. Test date: April 16, 2014 Tested By: Herith Shi

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 603B)

- 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	1 850			GSN	11900	
Channel	128	190	251	Tune up Power tolerant	512	661	810	Tune up Power tolerant
Frequency (MHz)	824.2	836.6	848.8	/	1850.2	1880	1909.8	/
GSM Voice (1 uplink)	31.25	31.36	31.36	31±1	28.33	28.56	28.70	28±1
GPRS Multi-Slot Class 8 (1 uplink),GMSK	31.26	31.34	31.35	31±1	28.33	28.58	28.65	28±1
GPRS Multi-Slot Class 10 (2 uplink),GMSK	30.34	30.45	30.49	31±1	27.40	27.78	27.88	28±1
GPRS Multi-Slot Class 12 (4 uplink),GMSK	28.62	28.71	28.75	28±1	25.73	25.73	25.75	25±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 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:

UMTS-FDD Band V

Band/ Time Slot configuration	Channel	Frequency	Average power (dBm)
22.60	4132	826.4	22.72
RMC 12.2kbps	4175	835.0	22.97
12.2kops	4232	846.6	22.73
Habby	4133	826.4	22.65
HSDPA Subtest1	4175	835.0	22.88
Subtesti	4232	846.6	22.67
HCDDA	4133	826.4	22.62
HSDPA Subtest2	4175	835.0	22.83
Subtest2	4232	846.6	22.64
HCDDA	4133	826.4	22.63
HSDPA Subtest3	4175	835.0	22.86
Subtests	4232	846.6	22.61
HCDDA	4133	826.4	22.42
HSDPA Subtest4	4175	835.0	22.53
Subicst4	4232	846.6	22.35
HCHDA	4133	826.4	22.28
HSUPA Subtest1	4175	835.0	22.37
Subtest1	4232	846.6	22.46
HCHDA	4133	826.4	22.68
HSUPA Subtest2	4175	835.0	22.86
Subtest2	4232	846.6	22.67
HCHDA	4133	826.4	22.37
HSUPA Subtest3	4175	835.0	22.42
Subtests	4232	846.6	22.35
HSUPA	4133	826.4	22.29
Subtest4	4175	835.0	22.39
Buotesta	4232	846.6	22.27
HCHDA	4133	826.4	22.26
HSUPA Subtest5	4175	835.0	22.33
Buotesta	4232	846.6	22.20



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UMTS-FDD Band II

ONTO-TOD Dana II						
Band/ Time Slot configuration	Channel	Frequency	Average power (dBm)			
D146	9262	1852.4	22.18			
RMC	9400	1880.0	22.03			
12.2kbps	9538	1907.6	21.95			
YYGD D .	9262	1852.4	22.12			
HSDPA Subtest1	9400	1880.0	21.94			
Subtesti	9538	1907.6	21.90			
Habby	9262	1852.4	22.12			
HSDPA Subtest2	9400	1880.0	21.96			
Subtest2	9538	1907.6	21.87			
HCDDA	9262	1852.4	22.08			
HSDPA Subtest3	9400	1880.0	21.91			
Sublests	9538	1907.6	21.89			
HCDDA	9262	1852.4	22.06			
HSDPA Subtest4	9400	1880.0	21.94			
Subtest4	9538	1907.6	21.83			
TICLIDA	9262	1852.4	22.02			
HSUPA Subtest1	9400	1880.0	21.84			
Subtest1	9538	1907.6	21.83			
HGHDA	9262	1852.4	22.02			
HSUPA Subtest2	9400	1880.0	21.81			
Subtest2	9538	1907.6	21.83			
HCHDA	9262	1852.4	22.12			
HSUPA Subtest3	9400	1880.0	21.96			
Bublests	9538	1907.6	21.91			
HSUPA	9262	1852.4	22.07			
HSUPA Subtest4	9400	1880.0	21.93			
Duotesta	9538	1907.6	21.88			
HCHDA	9262	1852.4	22.14			
HSUPA Subtest5	9400	1880.0	21.87			
Buotests	9538	1907.6	21.85			



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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	19.02	V	6.8	0.44	25.38	38.45
824.2	22.61	Н	6.8	0.44	28.97	38.45
836.6	19.15	V	6.8	0.44	25.51	38.45
836.6	22.32	Н	6.8	0.44	28.68	38.45
848.8	19.19	V	6.9	0.44	25.65	38.45
848.8	22.21	Н	6.9	0.44	28.67	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	15.16	V	7.88	0.72	22.32	33
1850.2	18.43	Н	7.88	0.72	25.59	33
1880	15.32	V	7.88	0.72	22.48	33
1880	18.07	Н	7.88	0.72	25.23	33
1909.8	15.25	V	7.86	0.72	22.39	33
1909.8	18.61	Н	7.86	0.72	25.75	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)
826.40	11.46	V	6.8	0.44	17.82	33
826.40	13.21	Н	6.8	0.44	19.57	33
835.00	11.52	V	6.8	0.44	17.88	33
835.00	13.63	Н	6.8	0.44	19.99	33
846.60	11.29	V	6.9	0.44	17.75	33
846.60	13.57	Н	6.9	0.44	20.03	33

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)
1852.40	11.39	V	7.88	0.72	18.55	33
1852.40	13.68	Н	7.88	0.72	20.84	33
1880.00	11.45	V	7.88	0.72	18.61	33
1880.00	13.62	Н	7.88	0.72	20.78	33
1907.60	11.29	V	7.86	0.72	18.43	33
1907.60	13.90	Н	7.86	0.72	21.04	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 Temperature 23°C

Relative Humidity 54% Atmospheric Pressure 1010mbar

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: April 14, 2014 Tested By: Herith Shi

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

Cellular Band (Part 22H)

Channel	Frequency (MHz)	99% Occupied Bandwidth (kHz)	26 dB Bandwidth (kHz)
128	824.2	246.0350	312.362
190	836.6	245.6522	313.171
251	848.8	245.6546	312.614

PCS Band (Part 24E)

Channel	Frequency (MHz)	99% Occupied Bandwidth (kHz)	26 dB Bandwidth (kHz)
512	1850.2	246.1426	313.346
661	1880.0	249.7330	317.139
810	1909.8	246.4198	315.889

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

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
4132	826.4	4.1843	4.686
4175	835.0	4.1742	4.749
4233	846.6	4.1714	4.687

UMTS-FDD Band II (Part 24E)

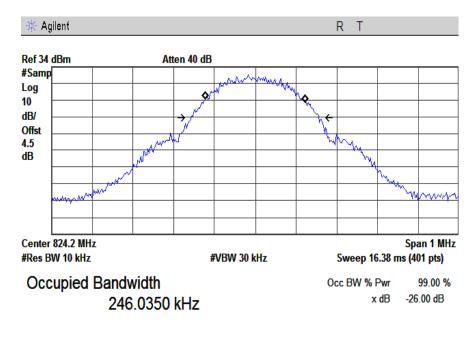
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)									
9262	1852.4	4.1552	4.696									
9400	1880.0	4.1655	4.687									
9538	1907.6	4.1684	4.684									

Please refer to the following plots.



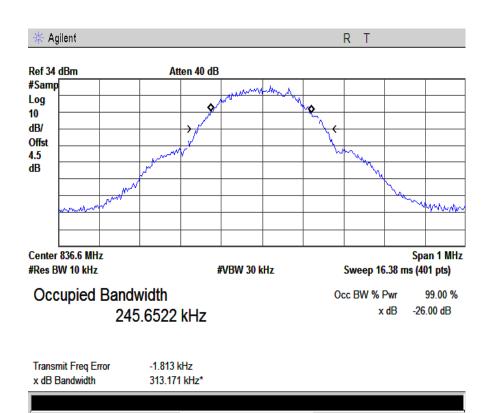
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Cellular Band (Part 22H)



Transmit Freq Error -333.899 Hz x dB Bandwidth 312.362 kHz*

850-Low Channel



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Title:

RF Test Report for Mobile Phone

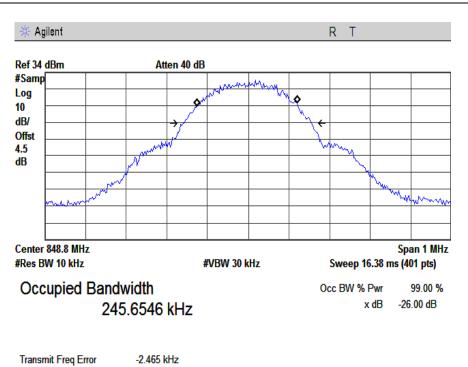
Main Model: i330

Serial Model: N/A

Fo:

FCC Part 22(H) & FCC Part 24(E): 2013

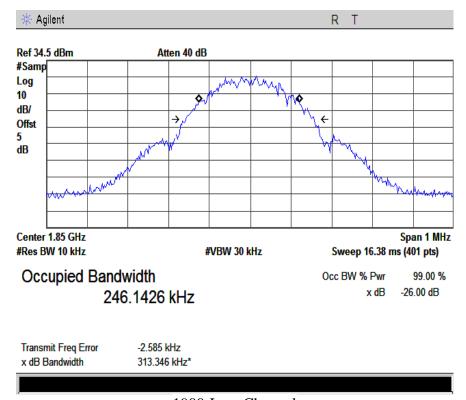
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x dB Bandwidth 312.614 kHz*

850-High Channel

PCS Band (Part 24E)

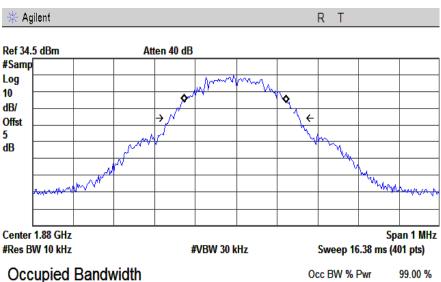


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RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A

FCC Part 22(H) & FCC Part 24(E): 2013

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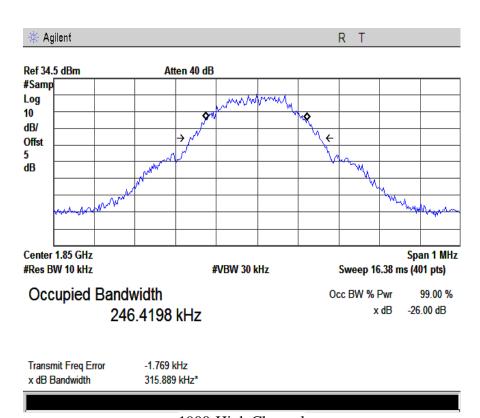


249.7330 kHz

Occ BW % Pwr 99.00 % -26.00 dB x dB

Transmit Freq Error -2.404 kHz x dB Bandwidth 317.139 kHz*

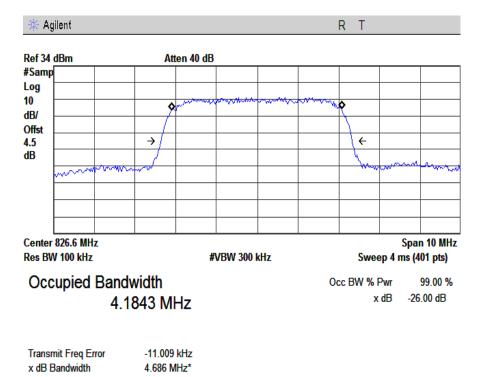
1900-Middle Channel



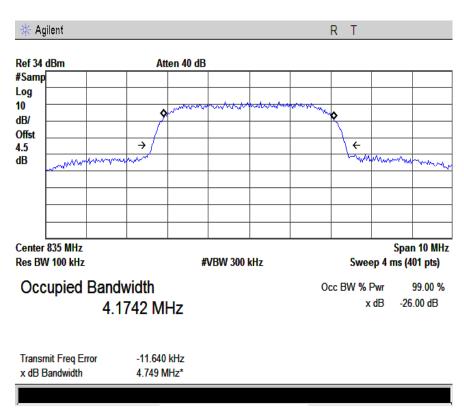


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UMTS-FDD Band V (Part 22H)



W850-Low Channel



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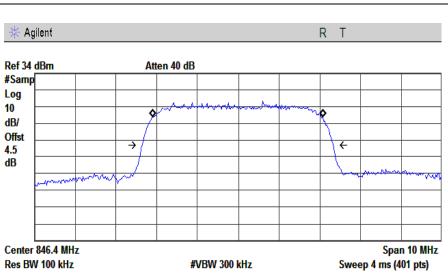
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RF Test Report for Mobile Phone

Main Model: i330
Serial Model: N/A

To: FCC Part 22(H) & FCC Part 24(E): 2013

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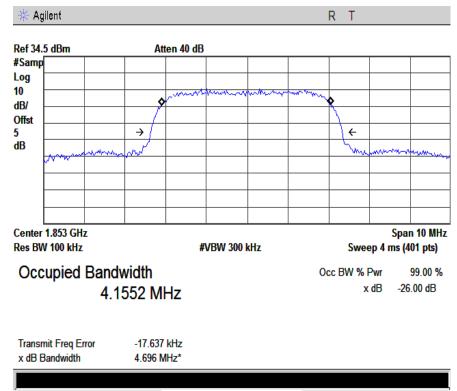


Occupied Bandwidth 4.1714 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB

Transmit Freq Error -16.913 kHz x dB Bandwidth 4.687 MHz*

W850-High Channel

UMTS-FDD Band II (Part 24E)



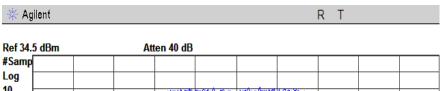
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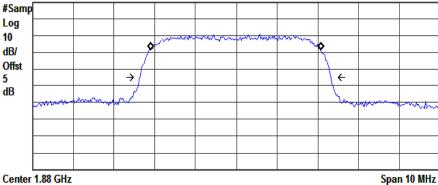
RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A
To: FCC Part 22(H) & EGC-P

FCC Part 22(H) & FCC Part 24(E): 2013

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#VBW 300 kHz

Occupied Bandwidth 4.1655 MHz

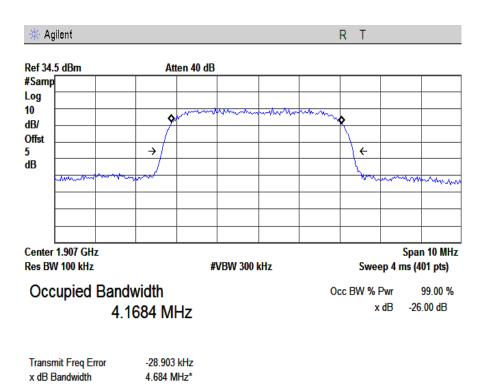
Res BW 100 kHz

Occ BW % Pwr 99.00 % -26.00 dB x dB

Sweep 4 ms (401 pts)

Transmit Freq Error -19.201 kHz x dB Bandwidth 4.687 MHz*

W1900-Middle Channel



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

1. 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.

2. 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 $\pm 1.5dB$.

3. Environmental Conditions

Temperature 24°C Relative Humidity 55% Atmospheric Pressure 1010mbar

4. Test date : April 15, 2014 Tested By : Herith Shi

Standard Requirement:

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

Refer to the attached plots.

Note:

Cellular Band (Part 22H): 30MHz -10G – GSM850

PCS Band (Part24E): 30MHz -20G – PCS1900

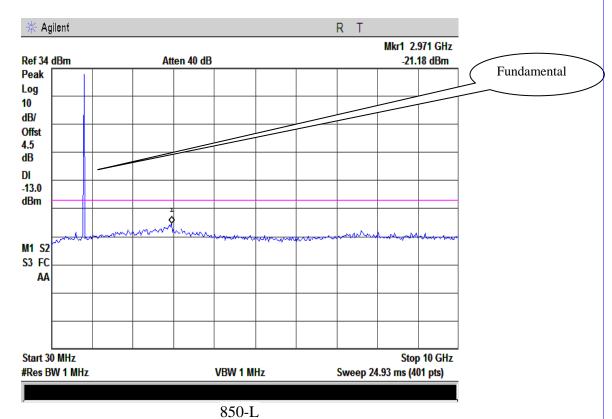
UMTS-FDD Band V (Part 22H): 30MHz -10G – WCDMA 850

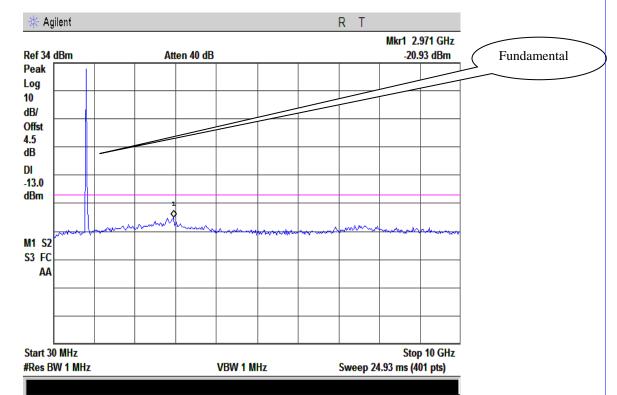
UMTS-FDD Band II (Part24E): 30MHz -25G – WCDMA1900

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

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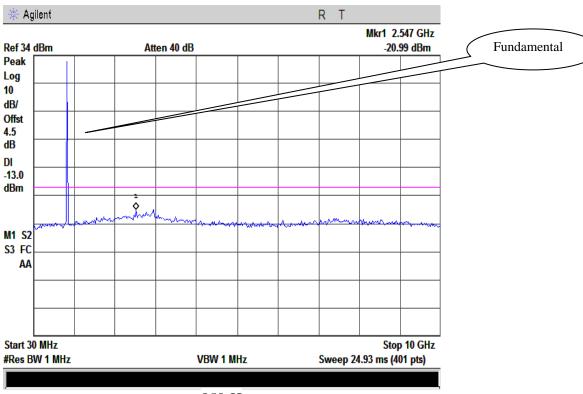
Cellular Band (Part 22H)





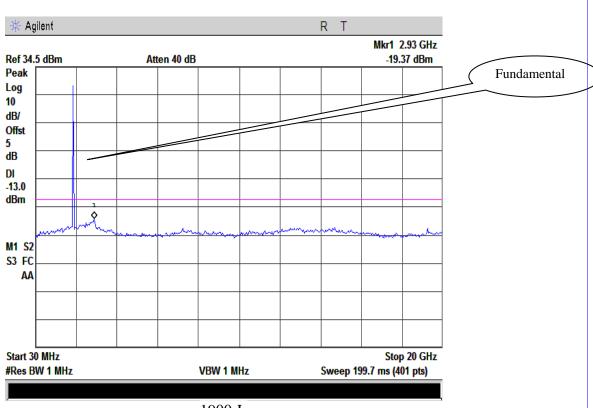
SIEMIC, INC. Accessing global martels
Title: RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A
To: FCC Part 22(H) & FCC Part 24(E): 2013

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850-H

PCS Band (Part24E)

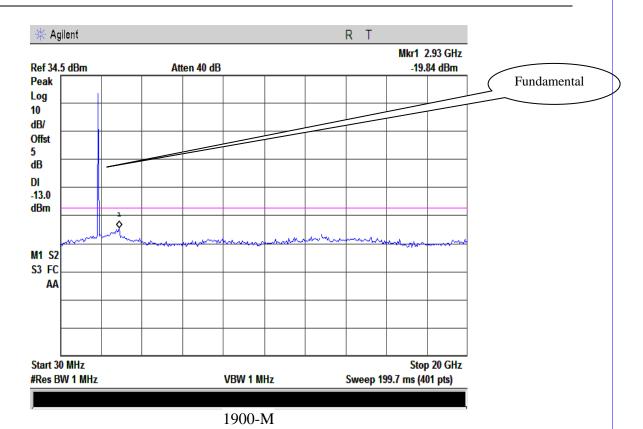


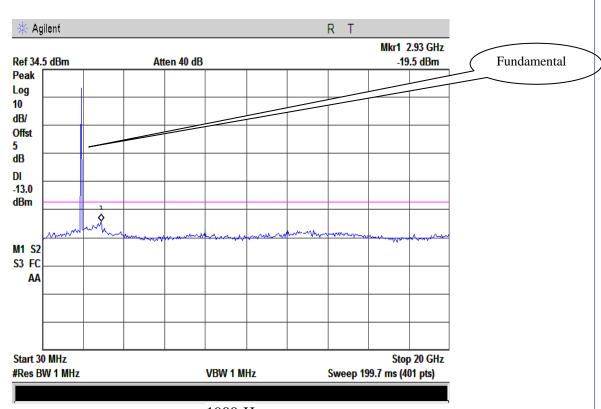
SIEMIC, INC.

Accessing global martels
Title: RF Test Report for Mobile Phone
Main Model: i330
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To: FCC Part 22(H) & FCC Part 24(E): 2013

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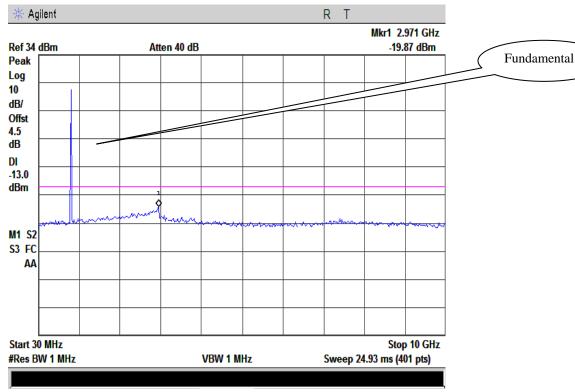
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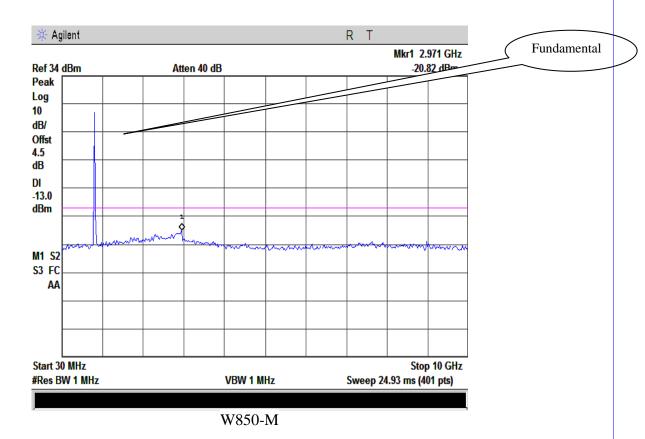


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UMTS-FDD Band V (Part 22H)

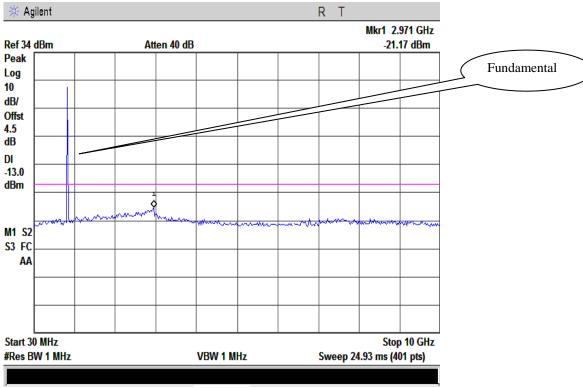


W850-L



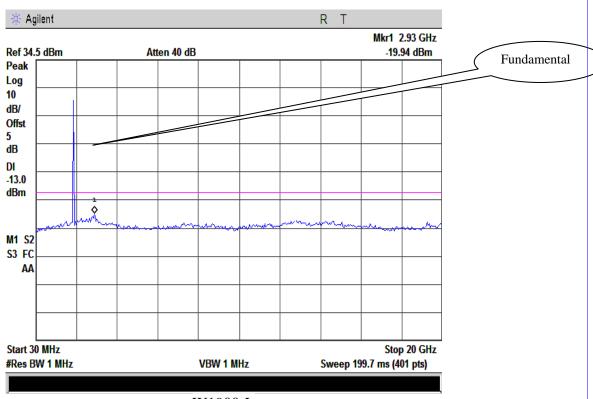
SIEMIC, INC. Accessing global martels
Title: RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A
To: FCC Part 22(H) & FCC Part 24(E): 2013

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W850-H

UMTS-FDD Band II (Part24E)



W1900-L

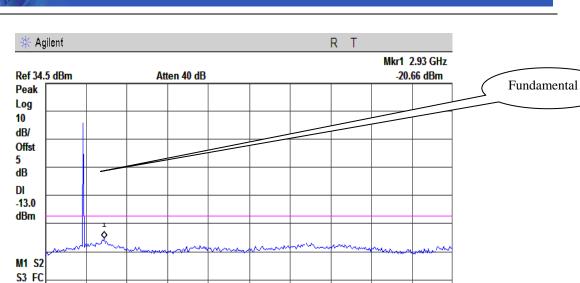
SIEMIC, INC.

Accessing global martels
Title: RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A
To: FCC Part 22(H) & FCC Part 24(E): 2013

AA

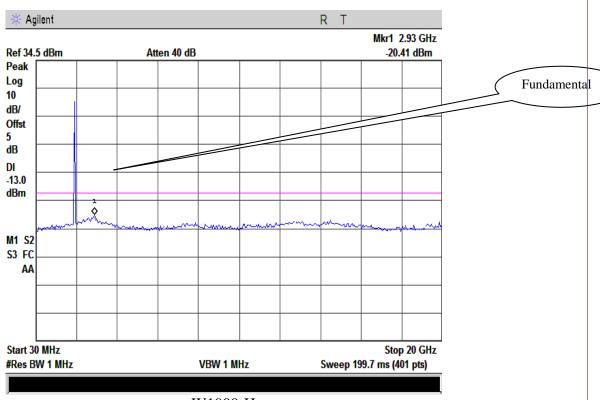
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Stop 20 GHz



Start 30 MHz Sweep 199.7 ms (401 pts) #Res BW 1 MHz **VBW 1 MHz**

W1900-M



W1900-H

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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.

 A "-ve" margin indicates a PASS as it refers to the margin present below the limit line at the particular frequency.

3. 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 1 GHz - 40 GH is $\pm 6.0 \text{dB}$ (for EUTs $< 0.5 \text{m} \times 0.5 \text{m} \times 0.5 \text{m}$).

4. Environmental Conditions Temperature 24°C Relative Humidity 55%

Atmospheric Pressure 1011mbar

5. Test date: April 15, 2014 Tested By: Herith Shi

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 603B)

- 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)

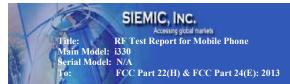
Low channel

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1648.4	-30.15	160	100	V	7.95	0.78	0	-22.98	-13	-9.98
1648.4	-29.86	271	100	Н	7.95	0.78	0	-22.69	-13	-9.69
180.92	-62.38	175	120	V	4.3	0.19	0	-58.27	-13	-45.27
210.18	-62.70	305	100	Н	6.2	0.21	0	-56.71	-13	-43.71

Middle channel

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1673.2	-31.07	226	100	V	7.95	0.78	0	-23.90	-13	-10.90
1673.2	-30.28	262	100	Н	7.95	0.78	0	-23.11	-13	-10.11
180.41	-62.19	171	120	V	4.3	0.19	0	-58.08	-13	-45.08
210.80	-62.47	310	110	Н	6.2	0.21	0	-56.48	-13	-43.48

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1697.6	-30.27	279	110	V	7.95	0.78	0	-23.10	-13	-10.10
1697.6	-29.81	261	120	Н	7.95	0.78	0	-22.64	-13	-9.64
210.70	-62.16	310	110	V	6.2	0.21	0	-56.17	-13	-43.17
300.42	-62.38	108	130	Н	6.1	0.25	0	-56.53	-13	-43.53



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PCS Band (Part 24E)

Low channel

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3700.4	-50.42	261	100	V	10.25	2.73	0	-42.90	-13	-29.90
3700.4	-51.35	279	100	Н	10.25	2.73	0	-43.83	-13	-30.83
180.81	-62.61	182	120	V	4.3	0.19	0	-58.50	-13	-45.50
210.29	-62.37	311	100	Н	6.2	0.21	0	-56.38	-13	-43.38

Middle channel

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3760	-51.23	263	100	V	10.25	2.73	0	-43.71	-13	-30.71
3760	-51.82	269	100	Н	10.25	2.73	0	-44.30	-13	-31.30
210.14	-62.29	312	120	V	6.2	0.21	0	-56.30	-13	-43.30
299.31	-62.57	107	130	Н	6.1	0.25	0	-56.72	-13	-43.72

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3819.6	-50.24	208	110	V	10.36	2.73	0	-42.61	-13	-29.61
3819.6	-50.07	249	110	Н	10.36	2.73	0	-42.44	-13	-29.44
180.05	-62.85	170	120	V	4.3	0.19	0	-58.74	-13	-45.74
300.15	-62.24	116	130	Н	6.1	0.25	0	-56.39	-13	-43.39

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UMTS-FDD Band V (Part 22H)

Low channel

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1652.8	-55.15	265	100	V	7.95	0.78	0	-47.98	-13	-34.98
1652.8	-55.72	285	100	Н	7.95	0.78	0	-48.55	-13	-35.55
180.14	-62.72	176	130	V	4.3	0.19	0	-58.61	-13	-45.61
300.29	-62.46	113	150	Н	6.1	0.25	0	-56.61	-13	-43.61

Middle channel

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1670	-55.87	246	100	V	7.95	0.78	0	-48.70	-13	-35.70
1670	-54.92	188	100	Н	7.95	0.78	0	-47.75	-13	-34.75
209.57	-62.69	310	110	V	6.2	0.21	0	-56.70	-13	-43.70
299.81	-62.81	115	130	Н	6.1	0.25	0	-56.96	-13	-43.96

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1693.2	-54.26	261	110	V	7.95	0.78	0	-47.09	-13	-34.09
1693.2	-55.08	259	120	Н	7.95	0.78	0	-47.91	-13	-34.91
209.42	-62.70	312	120	V	6.2	0.21	0	-56.71	-13	-43.71
299.76	-62.89	121	130	Н	6.1	0.25	0	-57.04	-13	-44.04

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UMTS-FDD Band II (Part 24E)

Low channel

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3704.8	-55.29	256	130	V	10.25	2.73	0	-47.77	-13	-34.77
3704.8	-55.16	179	120	Н	10.25	2.73	0	-47.64	-13	-34.64
179.52	-63.15	180	150	V	4.3	0.19	0	-59.04	-13	-46.04
299.24	-62.74	121	150	Н	6.1	0.25	0	-56.89	-13	-43.89

Middle channel

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3760	-55.76	222	120	V	10.25	2.73	0	-48.24	-13	-35.24
3760	-55.57	255	110	Н	10.25	2.73	0	-48.05	-13	-35.05
179.46	-62.49	185	150	V	4.3	0.19	0	-58.38	-13	-45.38
299.37	-62.63	124	150	Н	6.1	0.25	0	-56.78	-13	-43.78

Frequency (MHz)	Substituted level (dBm)	Direction (degree)	Height (cm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Amplifier (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3815.2	-55.86	235	100	V	10.36	2.73	0	-48.23	-13	-35.23
3815.2	-55.47	264	120	Н	10.36	2.73	0	-47.84	-13	-34.84
210.37	-62.20	313	120	V	6.2	0.21	0	-56.21	-13	-43.21
299.54	-62.42	120	130	Н	6.1	0.25	0	-56.57	-13	-43.57

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

1. 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.

2. 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 $\pm 1.5dB$.

3. Environmental Conditions

Temperature 23°C
Relative Humidity 54%
Atmospheric Pressure 1010mbar

4. Test date : April 14, 2014 Tested By : Herith Shi

Standard Requirement:

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

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Refer to the attached plots.

Cellular Band (Part 22H)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.9925	-14.85	-13
849.0175	-13.75	-13

PCS Band (Part 24E)

1 00 Buna (1 urt 2 iE)				
Frequency (MHz)	Emission (dBm)	Limit (dBm)		
1849.9950	-13.79	-13		
1910.0150	-15.82	-13		

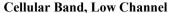
UMTS-FDD Band V (Part 22H)

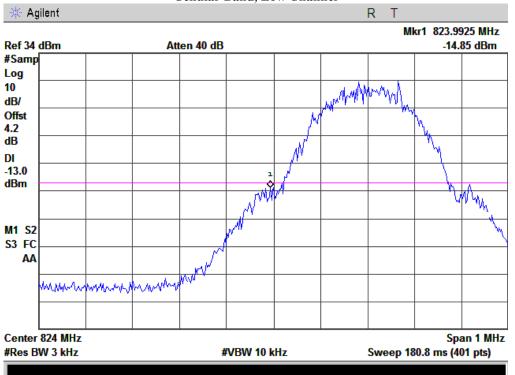
Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.950	-22.00	-13
849.325	-29.21	-13

UMTS-FDD Band II (Part 24E)

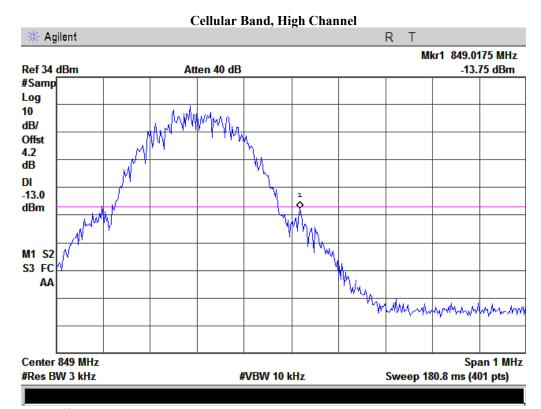
Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.975	-22.24	-13
1910.200	-28.50	-13

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Note: Offset=Cable loss (4.0) + 10log (3.12/3)=4.0+0.2=4.2 dB



Note: Offset=Cable loss (4.0) + 10log (3.12/3)=4.0+0.2=4.2 dB

Center 1.85 GHz

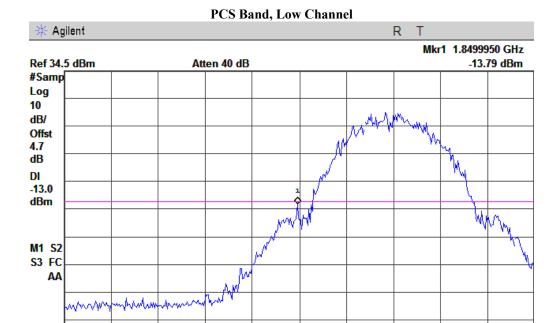
#Res BW 3 kHz

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Span 1 MHz

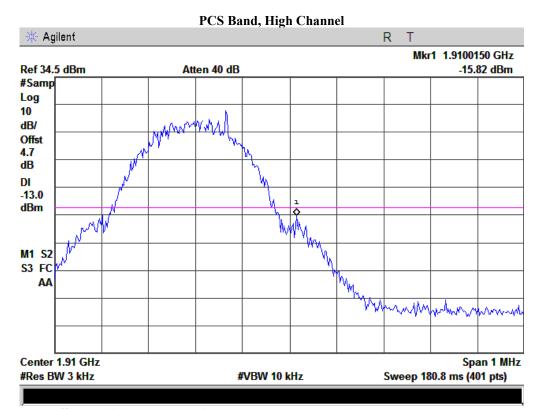
Sweep 180.8 ms (401 pts)

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#VBW 10 kHz

Note: Offset=Cable loss (4.5) + 10log (3.13/3)=4.5+0.2=4.7 dB



Note: Offset=Cable loss (4.5) + 10log (3.16/3)=4.5+0.2=4.7 dB

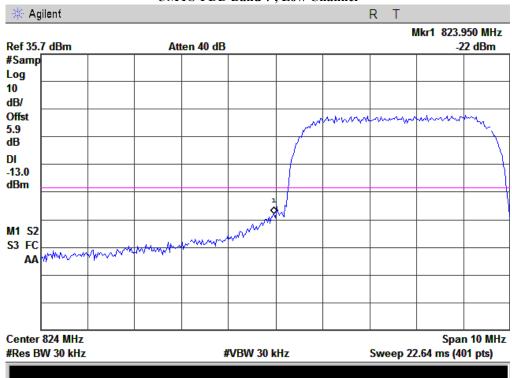
SIEMIC, INC. Accessing global markets

RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A FCC Part 22(H) & FCC Part 24(E): 2013

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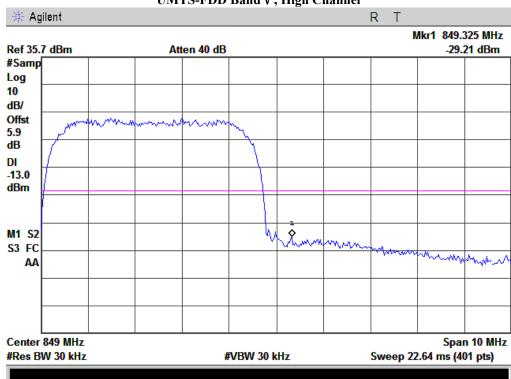
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UMTS-FDD Band V, Low Channel



Note: Offset=Cable loss $(4.0) + 10\log (46.9/30) = 4.0 + 1.9 = 5.9 \text{ dB}$

UMTS-FDD Band V, High Channel



Note: Offset=Cable loss (4.0) + 10log (46.9/30) =4.0+1.9=5.9 dB

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RF Test Report for Mobile Phone

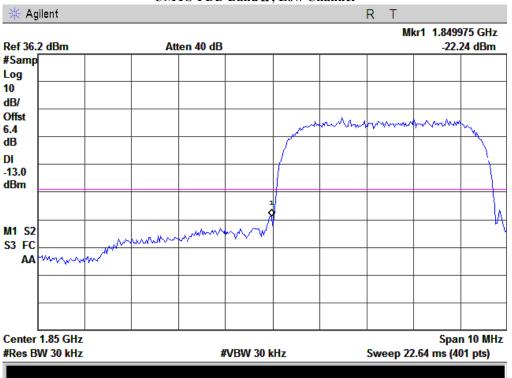
Main Model: i330

Serial Model: N/A

To: FCC Part 22(H) & FCC Part 24(E): 2013

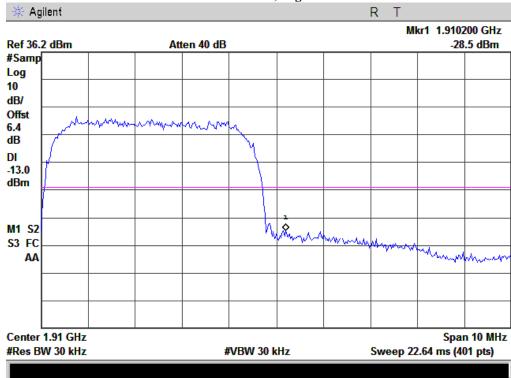
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UMTS-FDD Band II, Low Channel



Note: Offset=Cable loss $(4.5) + 10\log (46.9/30) = 4.5 + 1.9 = 6.4 dB$

UMTS-FDD Band **I**, High Channel



Note: Offset=Cable loss (4.5) + 10log (47.0/30) =4.5+1.9=6.4 dB

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

1. Environmental Conditions Temperature 24°C Relative Humidity 56%

Atmospheric Pressure 1007mbar

2. Test date : April 16, 2014 Tested By : Herith Shi

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 Tolerance for Transmitters in the Public Mobile Services

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

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

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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.

Cellular Band (Part 22H)

	Middle Channel, f ₀ = 836.6 MHz					
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz) Frequency Error (ppm)		Limit (ppm)		
-10		9	0.0108	2.5		
0		11	0.0131	2.5		
10		14	0.0167	2.5		
20		-12	0.0143	2.5		
30	3.7	9	0.0108	2.5		
40		13	0.0155	2.5		
50		16	0.0191	2.5		
55		-12	0.0143	2.5		
25	4.2	20	0.0239	2.5		
25	3.5	10	0.0120	2.5		

PCS Band (Part 24E)

	Middle Channel, f _o = 1880 MHz					
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)		
-10		25	0.0133	2.5		
0		36	0.0191	2.5		
10	3.7	27	0.0144	2.5		
20		25	0.0133	2.5		
30		18	0.0096	2.5		
40		34	0.0181	2.5		
50		25	0.0133	2.5		
55		29	0.0154	2.5		
25	4.2	33	0.0176	2.5		
25	3.5	27	0.0144	2.5		



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UMTS-FDD Band V (Part 22H)

MILL CL. 1.6 025 MH				
Temperature (°C)	Power Supplied (V _{DC})	the Channel, f _o = 835 M Frequency Error	Frequency Error	Limit (ppm)
` ′	(• DC)	(Hz)	(ppm)	
-10		15	0.0180	2.5
0		16	0.0192	2.5
10	3.7	10	0.0120	2.5
20		12	0.0144	2.5
30		13	0.0156	2.5
40		11	0.0132	2.5
50		12	0.0144	2.5
55		16	0.0192	2.5
25	4.2	15	0.0180	2.5
25	3.5	14	0.0168	2.5

UMTS-FDD Band II (Part 24E)

	Middle Channel, $f_0 = 1880 \text{ MHz}$				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	
-10		11	0.0059	2.5	
0		17	0.0090	2.5	
10	3.7	25	0.0133	2.5	
20		27	0.0144	2.5	
30		20	0.0106	2.5	
40		19	0.0101	2.5	
50		17	0.0090	2.5	
55		18	0.0096	2.5	
25	4.2	28	0.0149	2.5	
25	3.5	16	0.0085	2.5	



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Annex A. TEST INSTRUMENT & METHOD

Annex A.i. TEST INSTRUMENTATION & GENERAL PROCEDURES

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

Annex A. ii. RADIATED EMISSIONS TEST DESCRIPTION

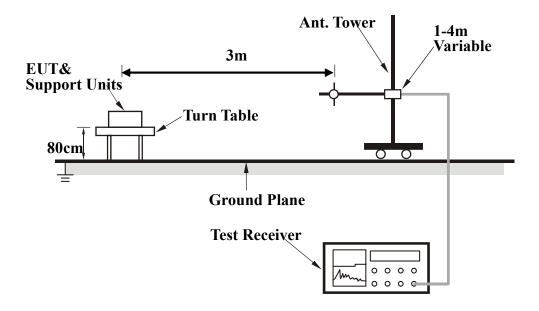
EUT Characterisation

EUT characterisation, over the frequency range from 30MHz to 1GHz (for FCC tests, until the 10^{th} harmonic for operating frequencies ≥ 108 MHz),, 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 or to 360 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)			
Ī	30 to 1000	Peak	100 kHz	100 kHz
Ī	A hove 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.

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 View

SIEMIC, INC.

Accessing global markets

Title: RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A
To: FCC Part 22(H) & FCC Part 24(E): 2013

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UT - Front View



EUT - Rear View

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EUT - Top View



EUT - Bottom View

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Title: RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A
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EUT - Left View



EUT - Right View

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Title: RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A

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EUT Cover off - Front View



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Annex B.ii. Photograph 2: EUT Internal Photo



Cover Off - Top View



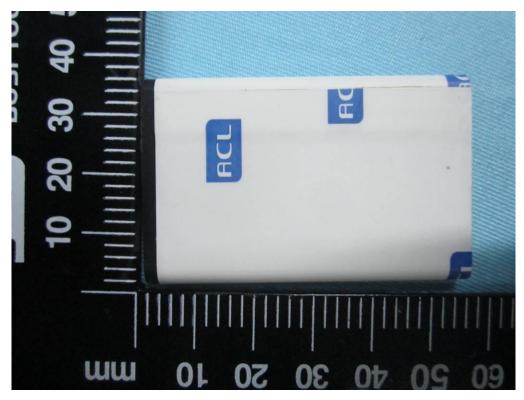
Label Location



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Battery Label - Top View



Battery - Rear View

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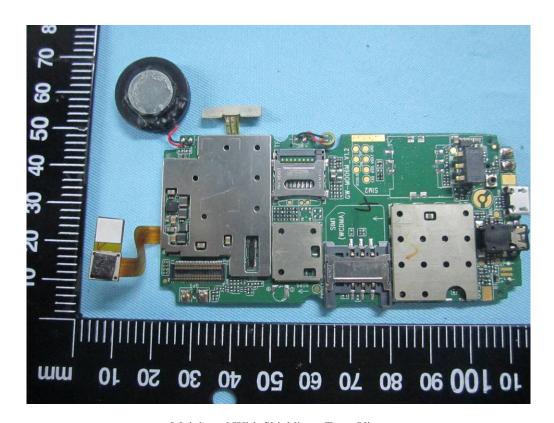
Title: RF Test Report for Mobile Phone

Main Model: i330

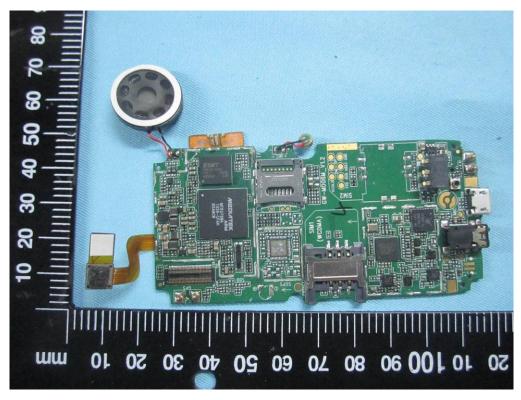
Serial Model: N/A

To: FCC Part 22(H) & FCC Part 24(E): 2013

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Mainborad With Shielding - Front View



Mainborad Without Shielding - Front View

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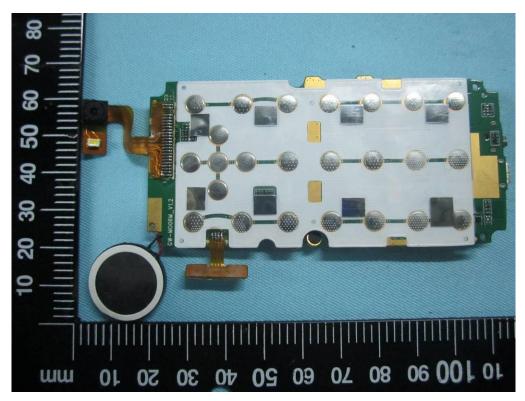
RF Test Report for Mobile Phone

Main Model: i330

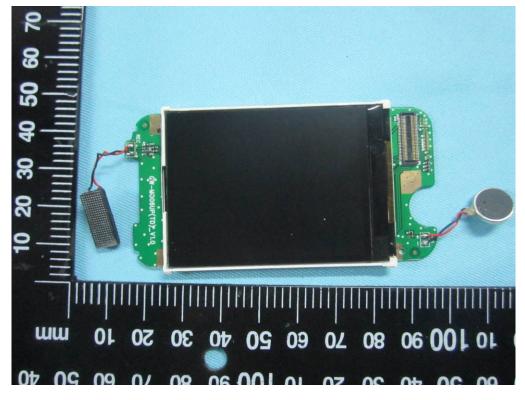
Serial Model: N/A

To: FCC Part 22(H) & FCC Part 24(E): 2013

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Mainborad - Rear View



LCD board - Front View

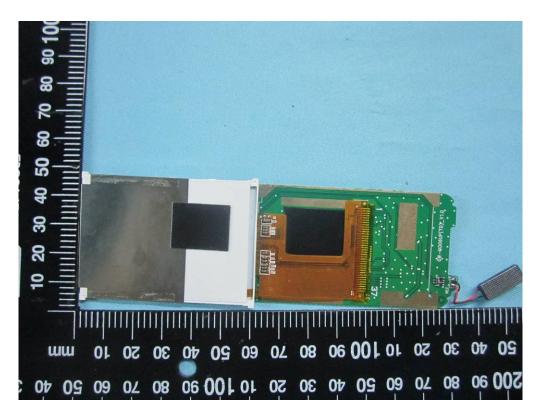
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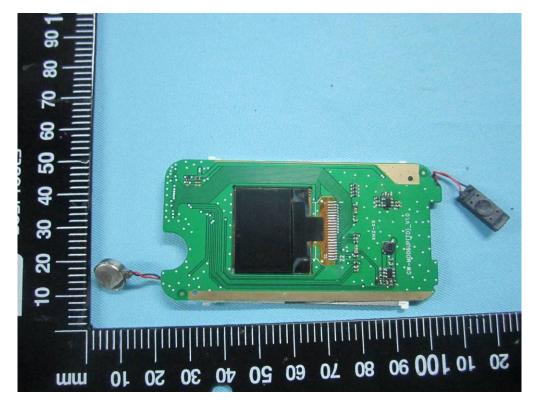
Title: RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A

Fo: FCC Part 22(H) & FCC Part 24(E): 2013

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LCD board Cover off - Front View



LCD board - Rear View

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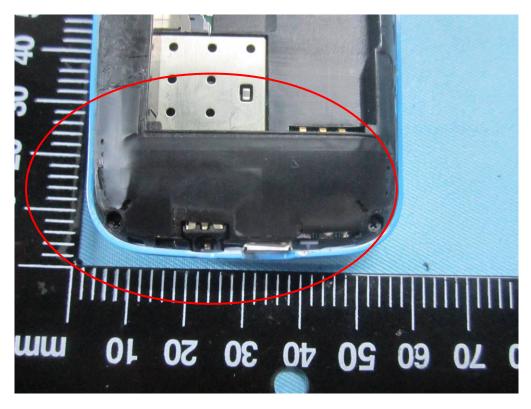
RF Test Report for Mobile Phone
Main Model: i330
Serial Model: N/A

Fo: FCC Part 22(H) & FCC Part 24(E): 2013

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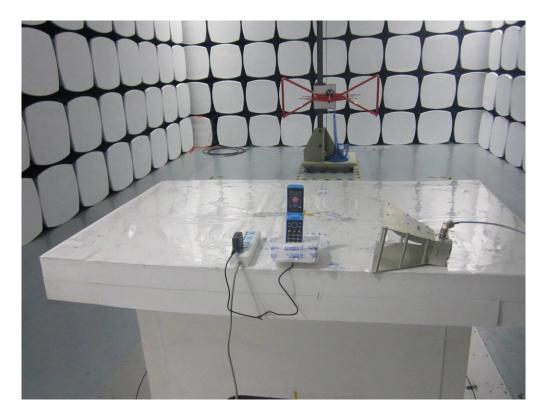
Bluetooth Antenna View



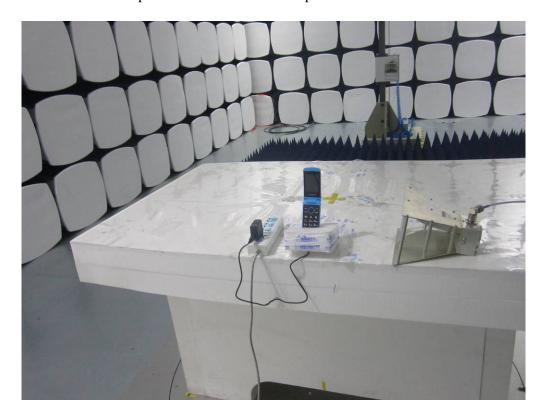
GSM/PCS/UMTS-FDD Antenna View

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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

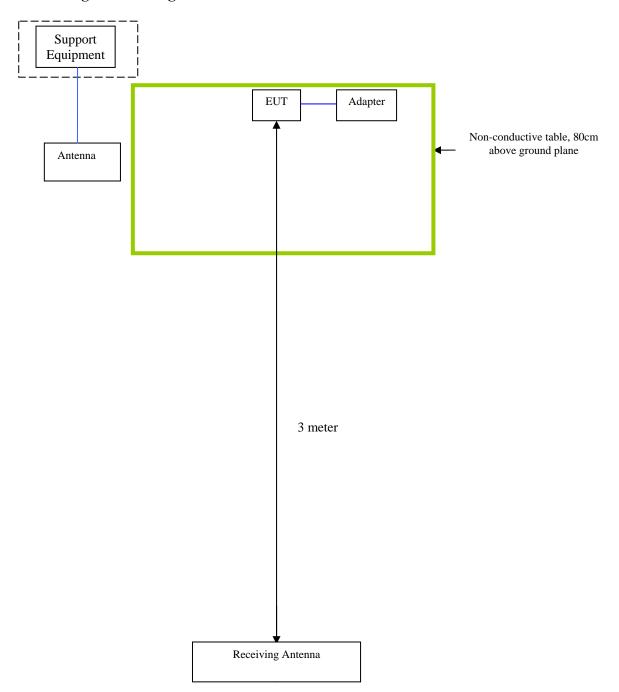
Annex C. i. SUPPORTING EQUIPMENT DESCRIPTION

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

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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

N/A