



# Test Report

Product Name : CDMA 1X Mobile Phone  
Model No. : HUAWEI CM651  
FCC ID : QISCM651

Applicant : HUAWEI TECHNOLOGIES CO., LTD.  
Address : Bantian, Longgang District, Shenzhen, 518129  
Guangdong, P. R. China

Date of Receipt : 21/02/2012  
Test Date : 22/02/2012~25/02/2012  
Issued Date : 01/03/2012  
Report No. : 122S072R-HP-US-P01V02  
Report Version : V2.0

The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

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# Test Report Certification

Issued Date: 01/03/2012

Report No. : 122S072R -HP-US-P01V02



Product Name : CDMA 1X Mobile Phone

Applicant : HUAWEI TECHNOLOGIES CO., LTD.

Address : Bantian, Longgang District, Shenzhen, 518129  
Guangdong, P. R. China

Manufacturer : HUAWEI TECHNOLOGIES CO., LTD.

Address : Bantian, Longgang District, Shenzhen, 518129  
Guangdong, P. R. China

Model No. : HUAWEI CM651

FCC ID : QISCM651

EUT Voltage : DC 3.7V

Brand Name : HUAWEI

Applicable Standard : FCC Part 15 Subpart B: 2008 Class B  
ANSI C63.4: 2009

Test Result : Complied

Performed Location : Suzhou EMC Laboratory  
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Hi-Tech Development Zone., Suzhou, China  
TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098  
FCC Registration Number: 800392

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(Engineering Supervisor: Robin Wu)

Approved By : Marlin Chen  
(Engineering Manager: Marlin Chen)

## Laboratory Information

We, **Quietek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted(audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scope:

<b>Taiwan R.O.C.</b>	<b>:</b>	<b>BSMI, NCC, TAF</b>
<b>Germany</b>	<b>:</b>	<b>TUV Rheinland</b>
<b>Norway</b>	<b>:</b>	<b>Nemko, DNV</b>
<b>USA</b>	<b>:</b>	<b>FCC, NVLAP</b>
<b>Japan</b>	<b>:</b>	<b>VCCI</b>

The related certificate for our laboratories about the test site and management system can be downloaded from Quietek Corporation's Web Site : <http://www.quietek.com/tw/ctg/cts/accreditations.htm>  
The address and introduction of Quietek Corporation's laboratories can be founded in our Web site : <http://www.quietek.com/>  
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

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### LinKou Testing Laboratory :

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TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : [service@quietek.com](mailto:service@quietek.com)



### Suzhou (China) Testing Laboratory :

No. 99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., Suzhou,China.  
TEL : +86-512-6251-5088 / FAX : +86-512-6251-5098 E-Mail : [service@quietek.com](mailto:service@quietek.com)

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## 1. General Information

### 1.1. EUT Description

Product Name	CDMA 1X Mobile Phone
Model No.	HUAWEI CM651
Hardware Version	Ver.A
Software Version	CM651C03B103
Device Category	Portable
<b>CDMA</b>	
Support Band	CDMA2000 1X BC0
Uplink	824~849MHz
Downlink	869~894MHz
Antenna Type	Internal
Type of Modulation	QPSK
Peak Antenna Gain	2.5dBi
<b>Bluetooth</b>	
Bluetooth Frequency	2402~2480MHz
Bluetooth Version	V2.0
Type of modulation	FHSS
Data Rate	1Mbps(GFSK)
Antenna Gain	4.0dBi
<b>Components</b>	
Battery #1	Manufacturer: Harbin Coslight Power Co., Ltd. M/N: HB5D1 Rated Voltage and Capacitance: 3.7V/800mAh
Battery #2	Manufacturer: BYD M/N: HB5D1 Rated Voltage and Capacitance: 3.7V/800mAh
Adapter #1	Manufacturer: HKA M/N: HS-050040U6 Input: 100-240V~50/60Hz 0.2A Output: 5Vdc, 400mA
Adapter #2	Manufacturer: BYD M/N: HS-050040U6 Input: 100-240V~50/60Hz 0.2A Output: 5Vdc, 400mA

**1.2. Mode of Operation**

Quietek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

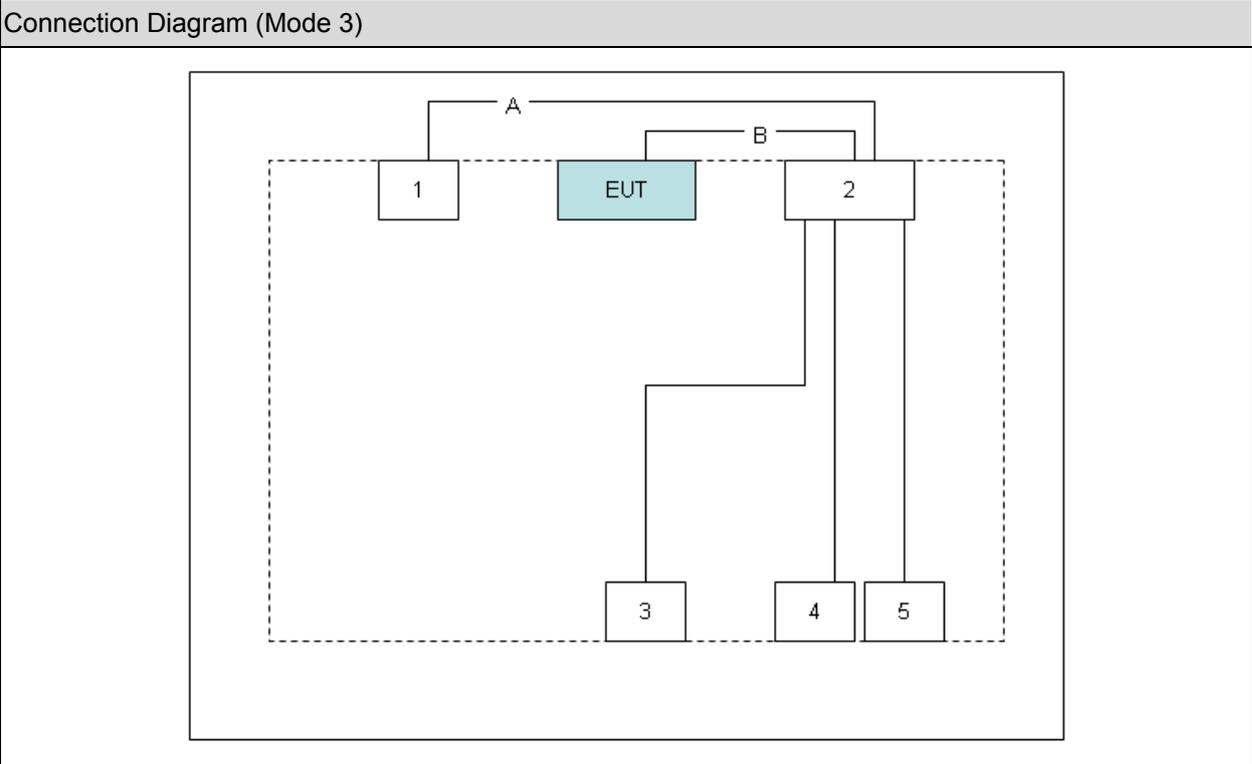
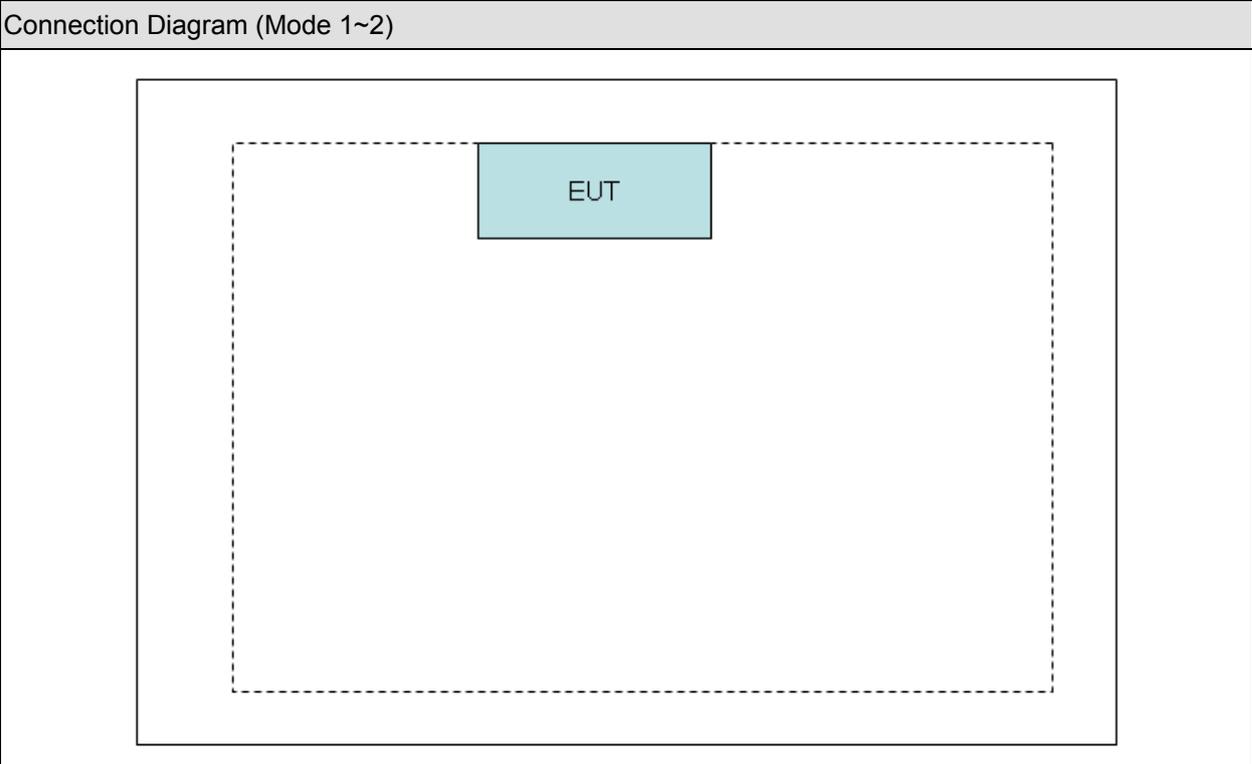
Pre Test Mode
Mode 1: Charging + Camera On With Adapter #1
Mode 2: Charging + Camera On With Adapter #2
Mode 3: USB Copy
Mode 4: FM

### 1.3. Tested System Details

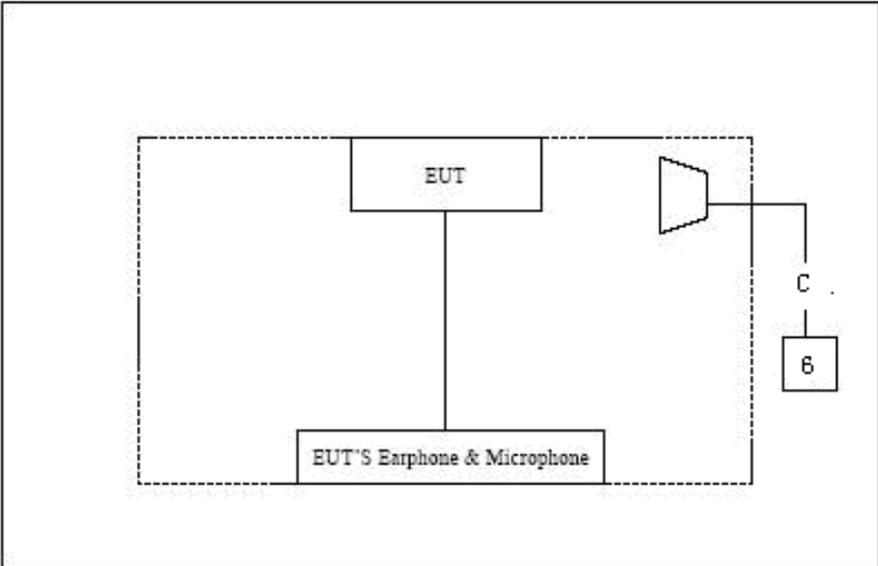
The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.	Serial No.	Power Cord
1 LCD Monitor	DELL	3008WFP	26606581093	Non-Shielded, 1.8m
2 PC	DELL	DCMF	11DMF2X	Non-Shielded, 1.8m
3 Microphone& Earphone	SOMIC	V85	N/A	Power by PC
4 iPod	Apple	A1199	7J71085BVQ5	Power by PC
5 USB Mouse	DELL	MOC5UO	10D00JL	Power by PC
6 Signal Generator	Agilent	E4438C	MY49070163	N/A

1.4. Configuration of Tested System



Connection Diagram (Mode 4)



Signal Cable Type		Signal cable Description
A	VGA Cable	Shielded, 1.5m
B	USB Cable	Shielded, 1.2m
C	Coaxial Cable	Shielded, >5m

**1.5. EUT Exercise Software**

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of equipment.
3	(1) Make the EUT work under the "Charging+Camera on" Mode. (2) Open the software "WINTHRAX", and then transmit data with notebook. (3) Making EUT work under the "FM" Mode.
4	Start Test.

**2. Technical Test**

**2.1. Summary of Test Result**

- No deviations from the test standards
- Deviations from the test standards as below description:

Emission			
Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart B: 2008 Class B ANSI C63.4: 2009	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart B: 2008 Class B ANSI C63.4: 2009	Yes	No

## 2.2. List of Test Equipment

### Conducted Emission / TR-1

Instrument	Manufacturer	Type No.	Serial No	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100906	2013/01/13
Two-Line V-Network	R&S	ENV216	100043	2012/04/29
Two-Line V-Network	R&S	ENV216	100044	2012/09/07
Balanced Telecom ISN	Fischer	FCC-TLISN-T2-02	20352	2013/01/13
Balanced Telecom ISN	Fischer	FCC-TLISN-T4-02	20353	2013/01/13
Balanced Telecom ISN	Fischer	FCC-TLISN-T8-02	20354	2013/01/13
Current Probe	R&S	EZ-17	100255	2012/04/18
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2012/05/05
50ohm Termination	SHX	TF2	07081401	2012/09/22
50ohm Termination	SHX	TF2	07081402	2012/09/22
50ohm Termination	SHX	TF2	07081403	2012/09/15
Temperature/Humidity Meter	zhicheng	ZC1-2	TR1-TH	2013/01/10

### Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100573	2012/04/23
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2012/10/18
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2012/05/05
Temperature/Humidity Meter	Zhicheng	ZC1-2	AC2-TH	2013/01/10

### Radiated Emission / AC-5

Instrument	Manufacturer	Type No.	Serial No.	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2012/04/23
Preamplifier	Quietek	AP-180C	CHM-0602013	2012/05/05
Preamplifier	Quietek	AP-040G	CHM-0906001	2012/05/05
Bilog Antenna	Teseq GmbH	CBL6112D	27612	2012/10/18
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	499	2012/06/11
High-Pass Filter	Wainwright	WHKX2.8/18G-12SS	SN1	2012/03/03
High-Pass Filter	Wainwright	WHKX7.0/18G-8SS	SN16	2012/03/03
Lowpass Filter	Wainwright	WLKS4500-9SS	SN2	2012/03/03

**2.3. Measurement Uncertainty**

Conducted Emission
The maximum measurement uncertainty is evaluated as $\pm 2.26\text{dB}$ .
Radiated Emission
The maximum measurement uncertainty is evaluated as $\pm 3.19\text{dB}$ .

**2.4. Test Environment**

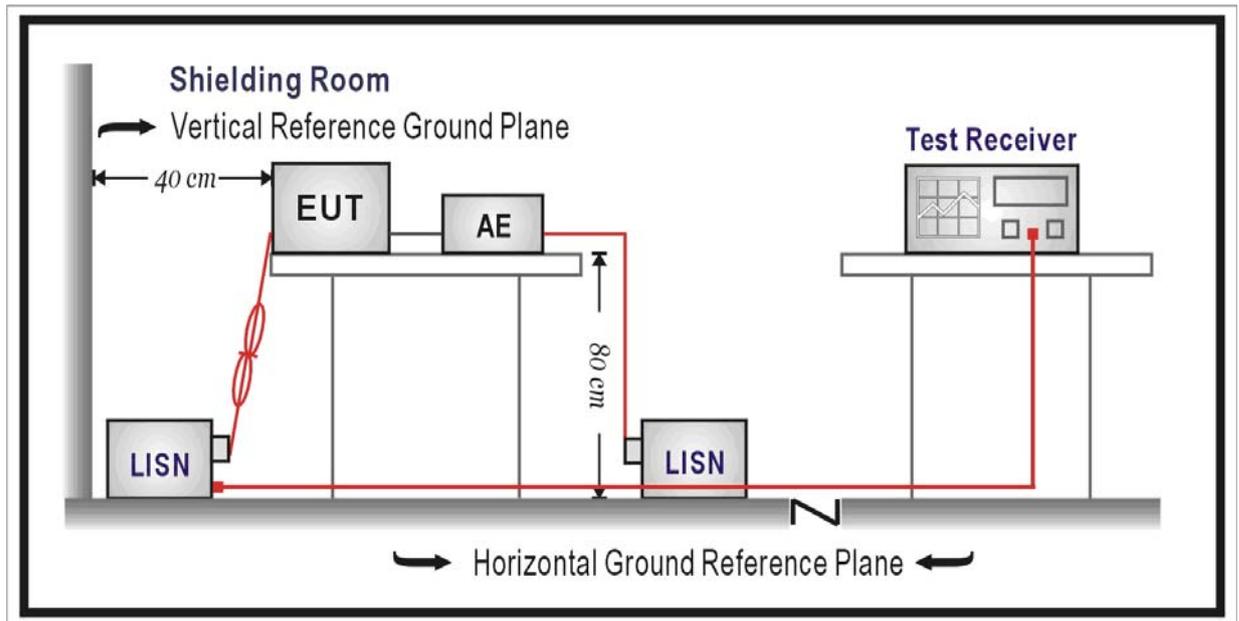
Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	50
	Barometric pressure (mbar)	860-1060	950-1000
Radiated Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	50
	Barometric pressure (mbar)	860-1060	950-1000

### 3. Conducted Emission

#### 3.1. Test Specification

According to EMC Standard: FCC Part 15 Subpart B Class B, ANSI C63.4

#### 3.2. Test Setup



#### 3.3. Limit

Limits for Conducted Emission of Class B ITE		
Frequency range MHz	Limits dB(μV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

NOTE: Decreases with the logarithm of the frequency.

#### 3.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50Ω / 50μH coupling impedance for the

measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a  $50\Omega / 50\mu\text{H}$  coupling impedance with  $50\Omega$  termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

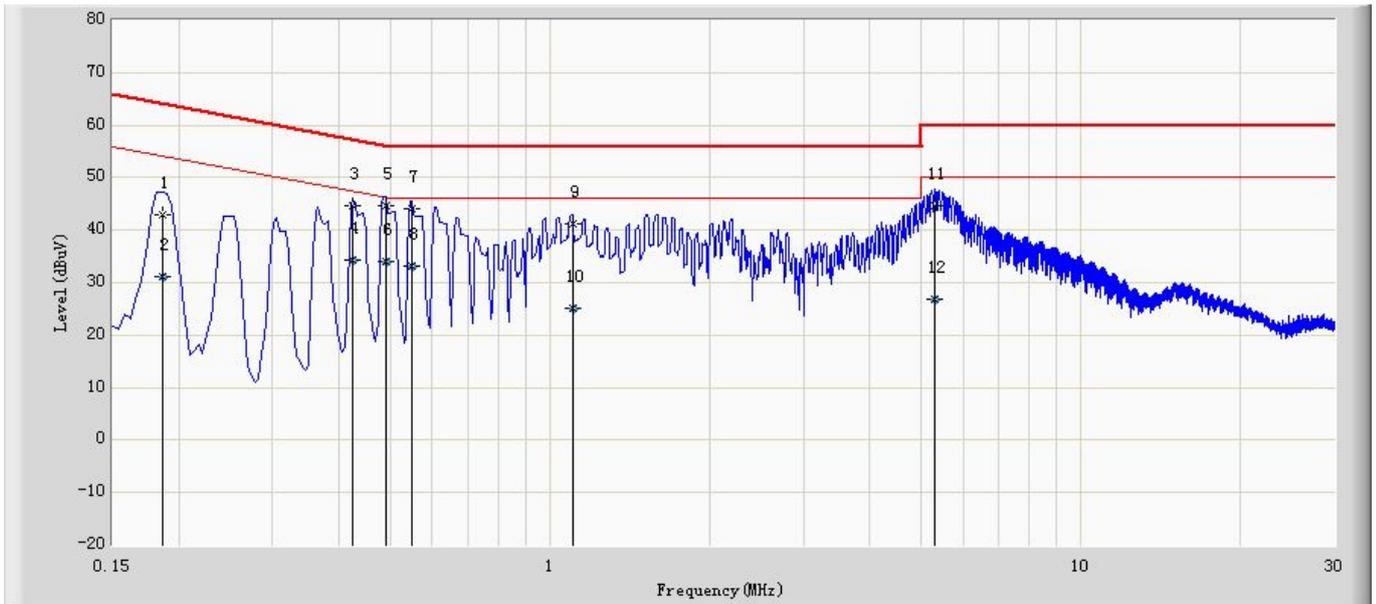
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

### **3.5. Deviation from Test Standard**

No deviation.

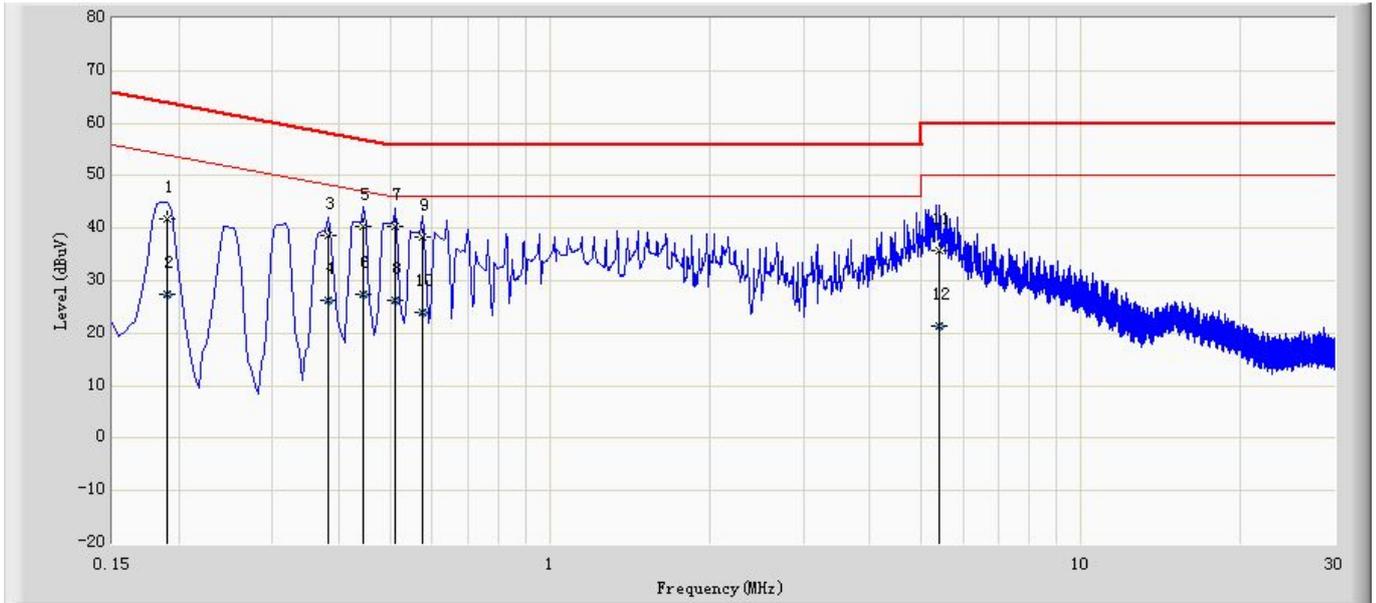
3.6. Test Result

Engineer: Nancy	
Site: TR1	Time: 2012/02/24 - 18:52
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101043(0.009-30MHz)	Polarity: Line
EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 1: Charging + Camera On With Adapter #1	



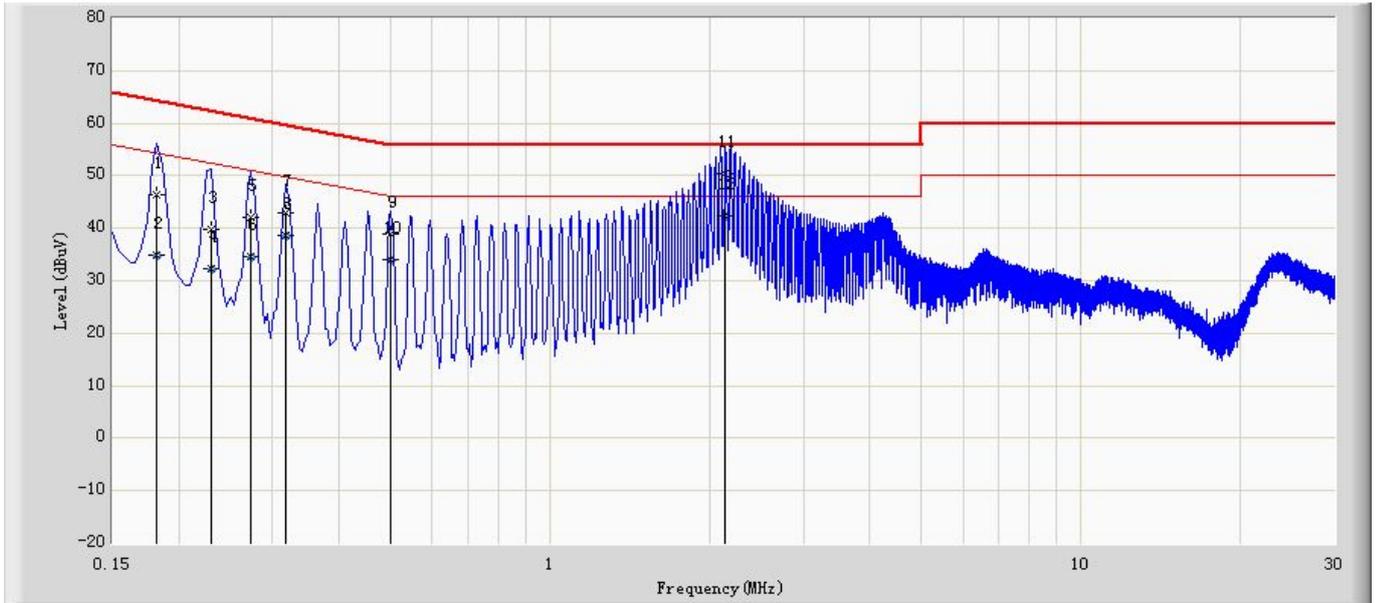
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.186	42.814	33.167	-21.400	64.213	9.646	QP
2		0.186	31.213	21.567	-23.000	54.213	9.646	AV
3		0.426	44.706	35.016	-12.624	57.330	9.690	QP
4		0.426	34.447	24.757	-12.884	47.330	9.690	AV
5	*	0.490	44.558	34.868	-11.610	56.168	9.690	QP
6		0.490	33.964	24.274	-12.204	46.168	9.690	AV
7		0.550	44.130	34.440	-11.870	56.000	9.690	QP
8		0.550	33.184	23.494	-12.816	46.000	9.690	AV
9		1.102	41.107	31.424	-14.893	56.000	9.683	QP
10		1.102	25.173	15.490	-20.827	46.000	9.683	AV
11		5.318	44.658	34.824	-15.342	60.000	9.833	QP
12		5.318	26.907	17.074	-23.093	50.000	9.833	AV

Engineer: Nancy	
Site: TR1	Time: 2012/02/24 - 18:58
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101043(0.009-30MHz)	Polarity: Neutral
EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 1: Charging + Camera On With Adapter #1	



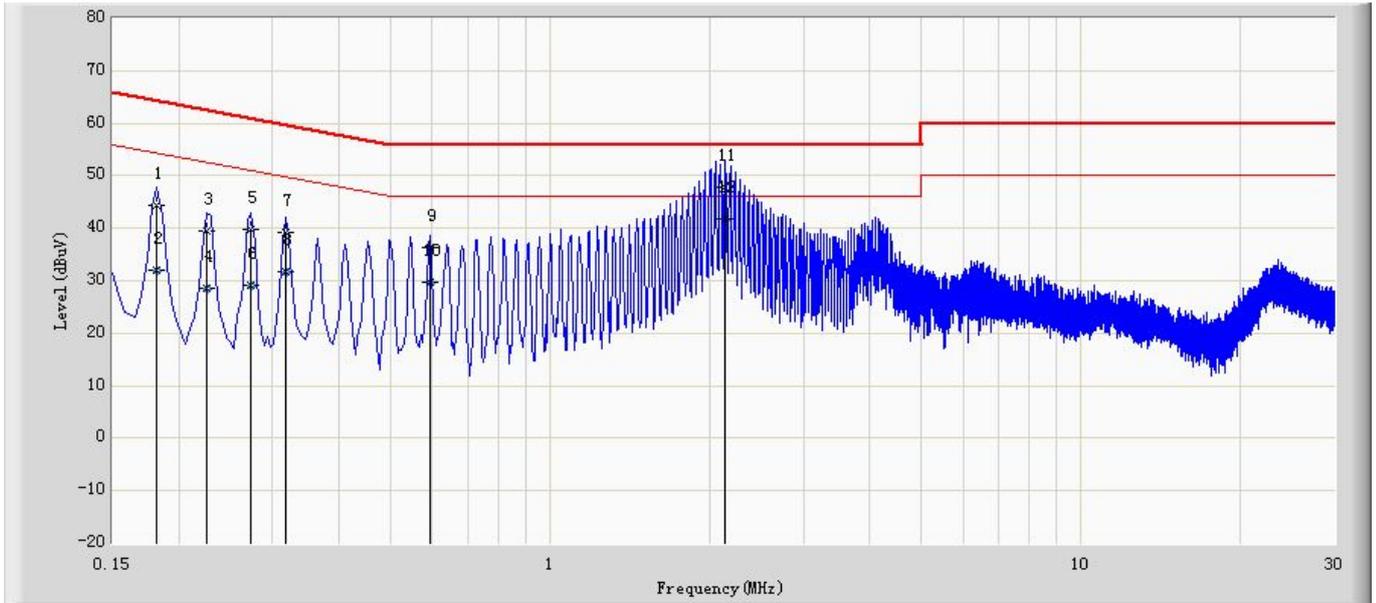
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.190	41.720	32.045	-22.316	64.037	9.676	QP
2		0.190	27.360	17.684	-26.677	54.037	9.676	AV
3		0.382	38.642	28.986	-19.593	58.236	9.656	QP
4		0.382	26.231	16.575	-22.004	48.236	9.656	AV
5		0.446	40.292	30.624	-16.657	56.949	9.668	QP
6		0.446	27.405	17.737	-19.544	46.949	9.668	AV
7	*	0.510	40.351	30.680	-15.649	56.000	9.671	QP
8		0.510	26.213	16.542	-19.787	46.000	9.671	AV
9		0.574	38.473	28.796	-17.527	56.000	9.677	QP
10		0.574	24.014	14.337	-21.986	46.000	9.677	AV
11		5.406	35.683	25.843	-24.317	60.000	9.840	QP
12		5.406	21.331	11.491	-28.669	50.000	9.840	AV

Engineer: Nancy	
Site: TR1	Time: 2012/02/24 - 19:03
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101043(0.009-30MHz)	Polarity: Line
EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 2: Charging + Camera On With Adapter #2	



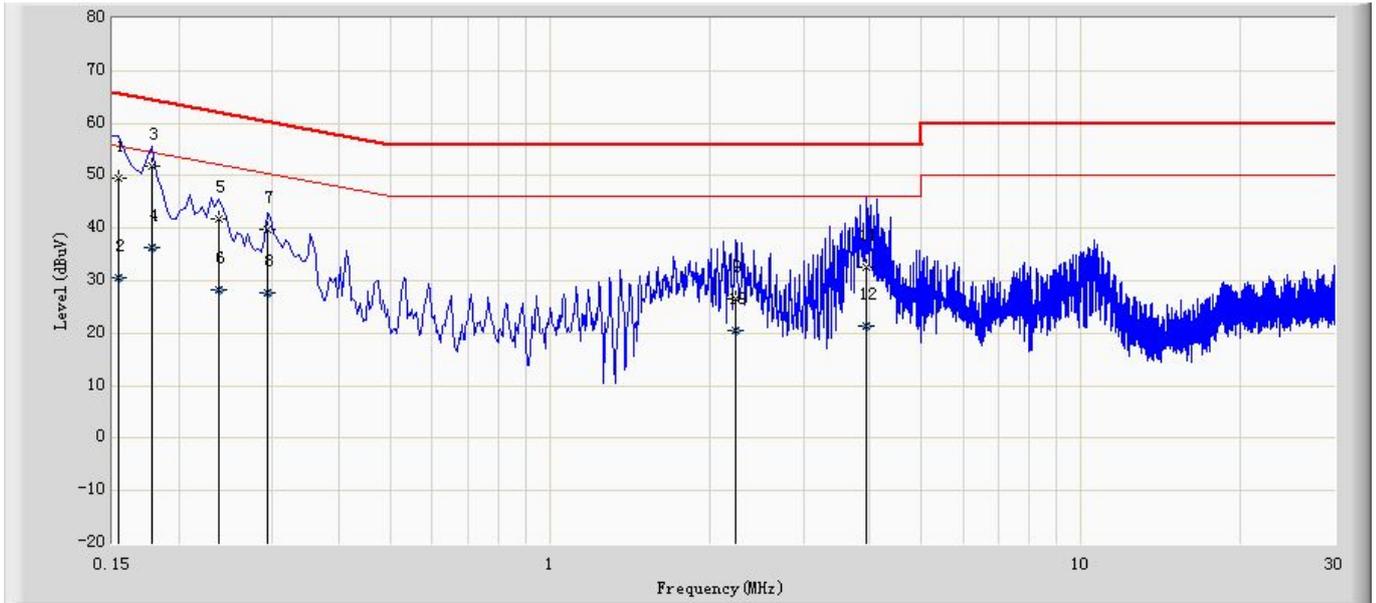
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.182	46.255	36.619	-18.138	64.394	9.637	QP
2		0.182	34.852	25.215	-19.542	54.394	9.637	AV
3		0.230	39.848	30.168	-22.602	62.450	9.680	QP
4		0.230	32.427	22.747	-20.023	52.450	9.680	AV
5		0.274	42.212	32.532	-18.784	60.996	9.680	QP
6		0.274	34.507	24.827	-16.488	50.996	9.680	AV
7		0.318	42.904	33.224	-16.855	59.759	9.680	QP
8		0.318	38.629	28.949	-11.130	49.759	9.680	AV
9		0.502	38.987	29.297	-17.013	56.000	9.690	QP
10		0.502	34.092	24.402	-11.908	46.000	9.690	AV
11		2.142	50.309	40.577	-5.691	56.000	9.731	QP
12	*	2.142	42.322	32.590	-3.678	46.000	9.731	AV

Engineer: Nancy	
Site: TR1	Time: 2012/02/24 - 19:13
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101043(0.009-30MHz)	Polarity: Neutral
EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 2: Charging + Camera On With Adapter #2	



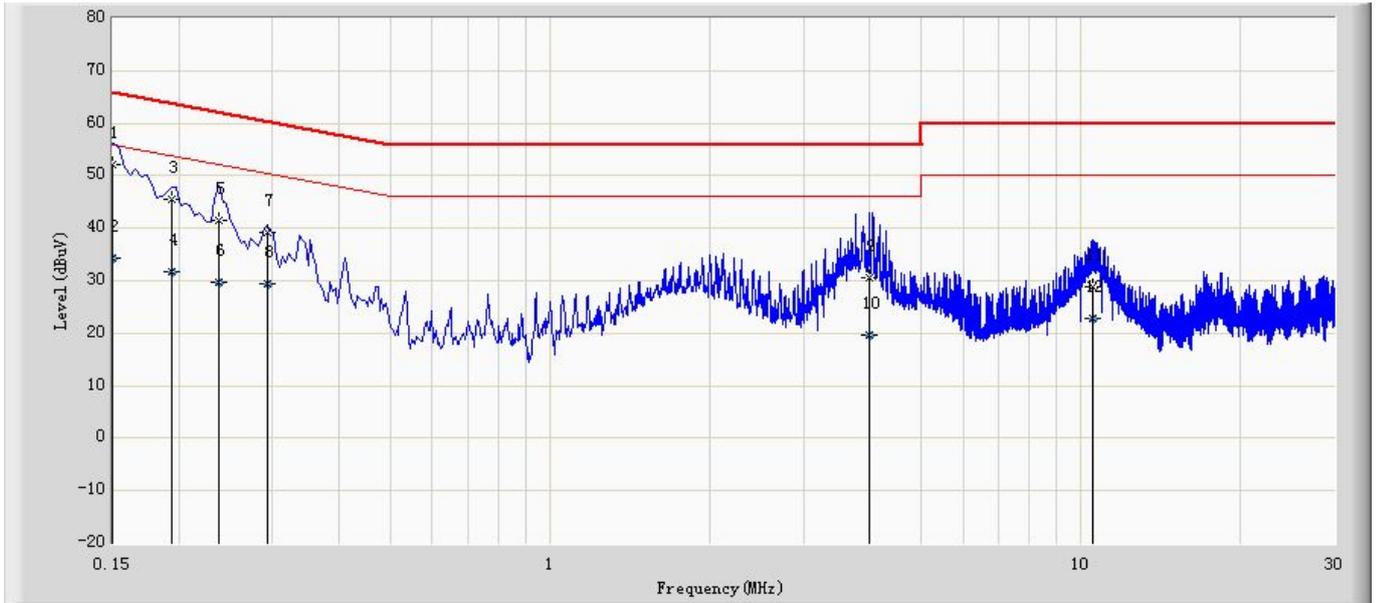
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.182	44.508	34.815	-19.886	64.394	9.693	QP
2		0.182	32.072	22.378	-22.322	54.394	9.693	AV
3		0.226	39.523	29.873	-23.072	62.595	9.651	QP
4		0.226	28.559	18.909	-24.036	52.595	9.651	AV
5		0.274	39.863	30.211	-21.132	60.996	9.652	QP
6		0.274	29.060	19.408	-21.935	50.996	9.652	AV
7		0.318	39.106	29.452	-20.653	59.759	9.654	QP
8		0.318	31.655	22.001	-18.104	49.759	9.654	AV
9		0.594	36.333	26.654	-19.667	56.000	9.679	QP
10		0.594	29.681	20.002	-16.319	46.000	9.679	AV
11		2.142	47.914	38.183	-8.086	56.000	9.731	QP
12	*	2.142	41.886	32.154	-4.114	46.000	9.731	AV

Engineer: Nancy	
Site: TR1	Time: 2012/02/24 - 19:24
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101043(0.009-30MHz)	Polarity: Line
EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 3: USB Copy	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.154	49.457	39.872	-16.324	65.781	9.585	QP
2		0.154	30.681	21.096	-25.101	55.781	9.585	AV
3	*	0.178	51.868	42.240	-12.711	64.578	9.627	QP
4		0.178	36.251	26.624	-18.327	54.578	9.627	AV
5		0.238	41.844	32.164	-20.322	62.166	9.680	QP
6		0.238	28.288	18.608	-23.877	52.166	9.680	AV
7		0.294	39.718	30.038	-20.692	60.411	9.680	QP
8		0.294	27.649	17.969	-22.761	50.411	9.680	AV
9		2.242	26.443	16.710	-29.557	56.000	9.732	QP
10		2.242	20.377	10.644	-25.623	46.000	9.732	AV
11		3.954	32.576	22.787	-23.424	56.000	9.790	QP
12		3.954	21.254	11.464	-24.746	46.000	9.790	AV

Engineer: Nancy	
Site: TR1	Time: 2012/02/24 - 19:32
Limit: FCC_Part15.107_CE_AC Power_ClassB	Margin: 0
Probe: ENV216_101043(0.009-30MHz)	Polarity: Neutral
EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 3: USB Copy	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.150	52.032	42.291	-13.968	66.000	9.741	QP
2		0.150	34.432	24.691	-21.568	56.000	9.741	AV
3		0.194	45.646	35.974	-18.217	63.864	9.672	QP
4		0.194	31.626	21.954	-22.237	53.864	9.672	AV
5		0.238	41.480	31.829	-20.686	62.166	9.651	QP
6		0.238	29.800	20.149	-22.365	52.166	9.651	AV
7		0.294	39.312	29.659	-21.099	60.411	9.653	QP
8		0.294	29.439	19.786	-20.972	50.411	9.653	AV
9		4.002	30.511	20.721	-25.489	56.000	9.790	QP
10		4.002	19.551	9.761	-26.449	46.000	9.790	AV
11		10.526	28.882	18.864	-31.118	60.000	10.018	QP
12		10.526	22.763	12.745	-27.237	50.000	10.018	AV

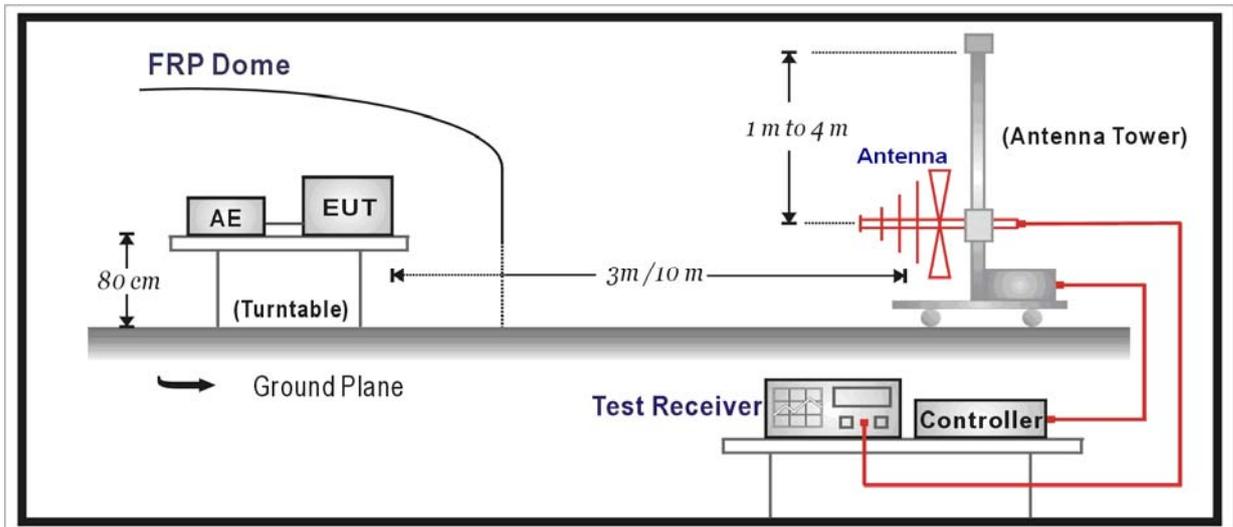
4. Radiated Emission

4.1. Test Specification

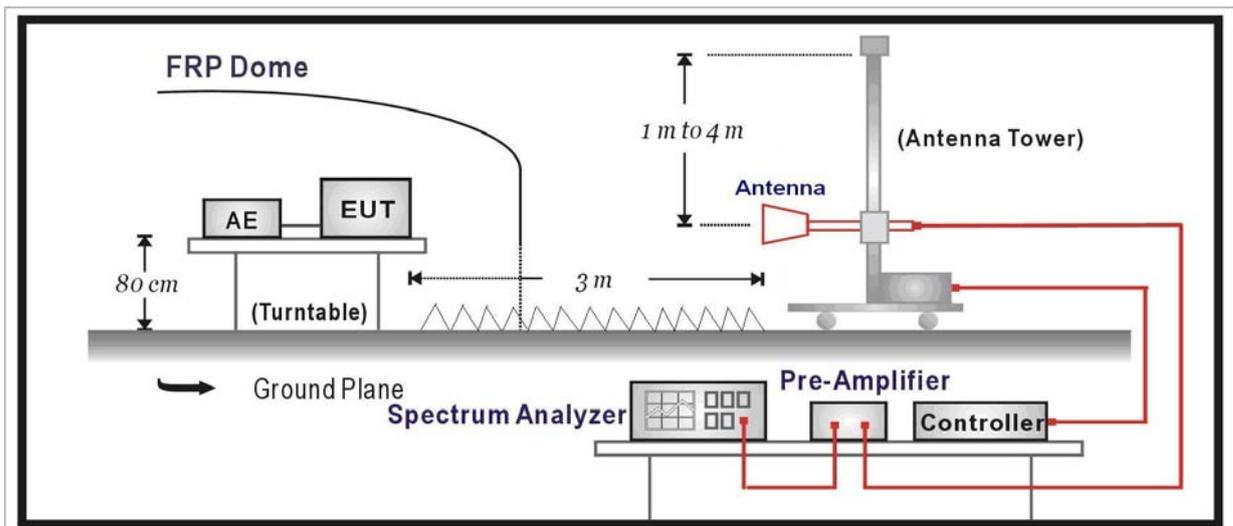
According to EMC Standard: FCC Part 15 Subpart B Class B, ANSI C63.4

4.2. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



**4.3. Limit**

FCC Part 15 Subpart B Paragraph 15.109		
Frequency (MHz)	Distance (m)	Level (dBuV/m)
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: E field strength (dBuV/m) = 20 log E field strength (uV/m)

**4.4. Test Procedure**

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000

500 - 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

On any frequency or frequencies below or equal to 1000 MHz, the radiated limits shown are based on measuring equipment employing a quasi-peak detector function and above 1000 MHz, the radiated limits shown are based measuring equipment employing an average detector function.

When average radiated emission measurement are included emission measurement Above 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

For class A, the measurement distance between the EUT and antenna is 3 meters for under 1GHz and above 1GHz.

For class B, the measurement distance between the EUT and antenna is 3 meters for under 1GHz and 3 meters for above 1GHz.

The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCI) is 120 kHz and above 1GHz is 1MHz.

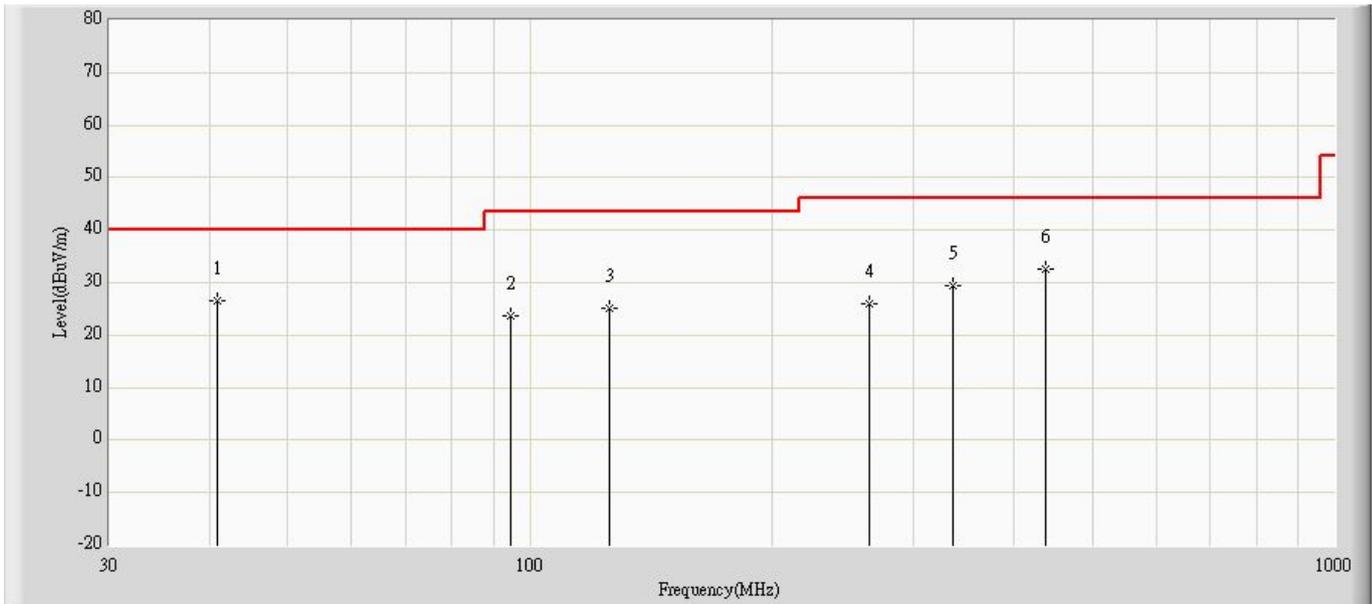
Note: When measurement above 1GHz, the horn antenna will bend down a little (as horn antenna have the narrow beamwidth) in order to find the maximum emission of EUT.

**4.5. Deviation from Test Standard**

No deviation.

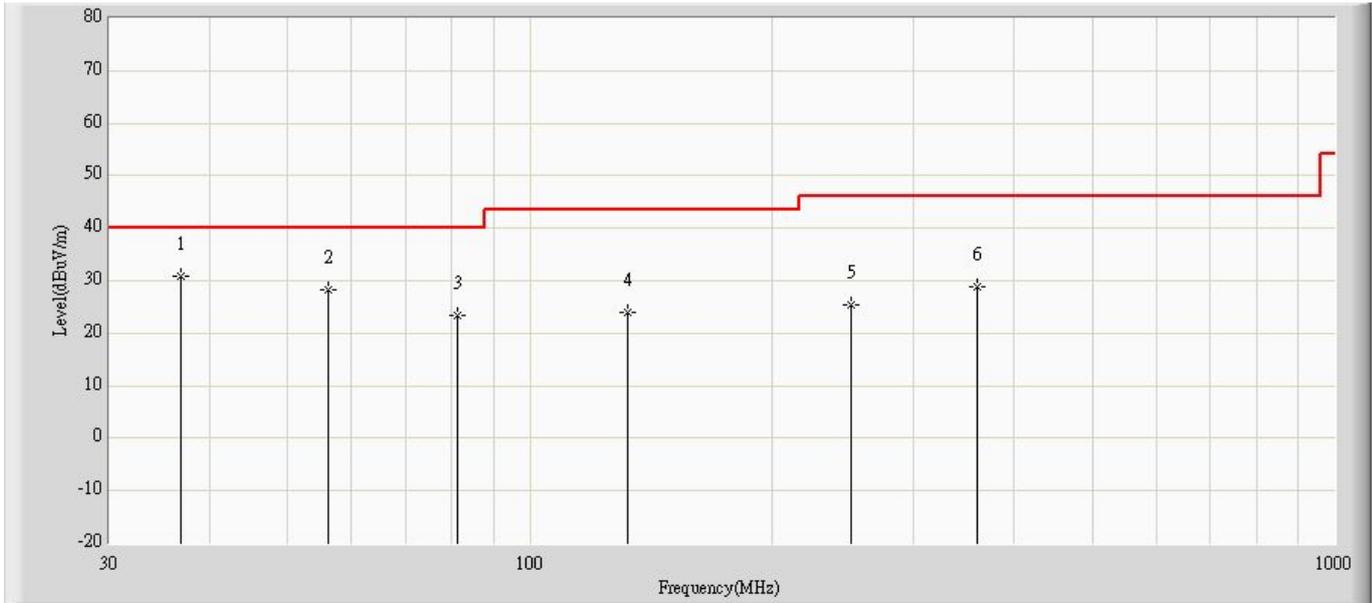
4.6. Test Result

Engineer: Nancy	
Site: AC2	Time: 2012/02/25 - 11:35
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 1: Charging + Camera On With Adapter #1	



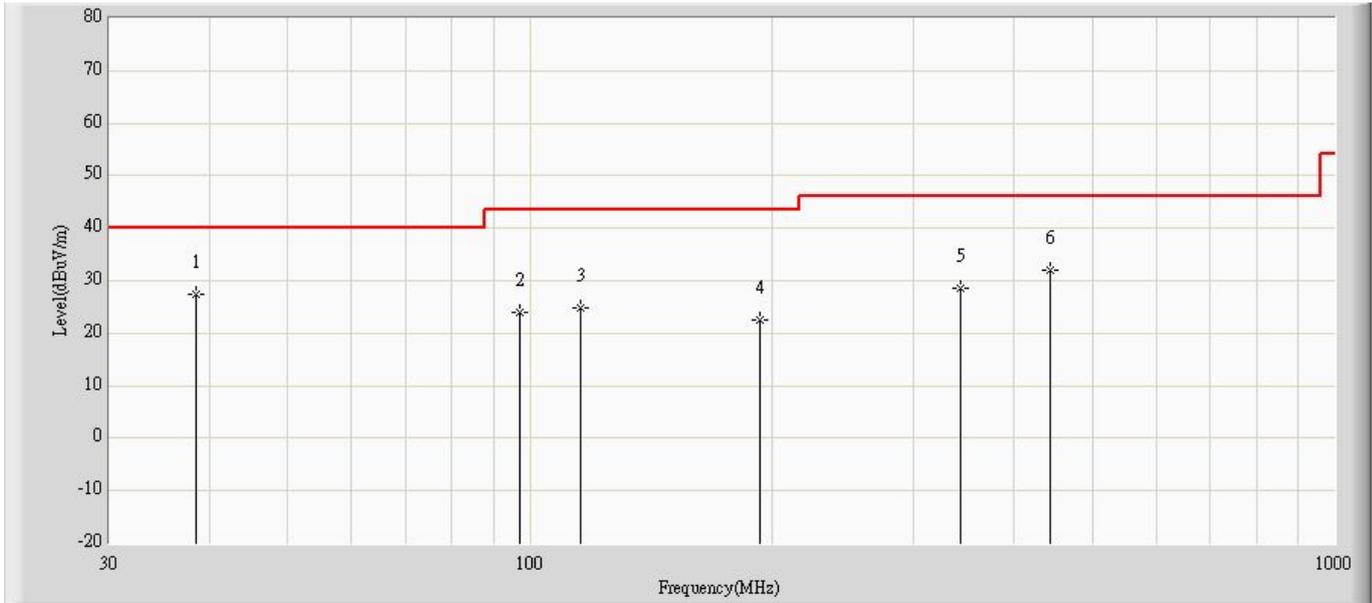
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	40.912	26.634	6.217	-13.366	40.000	20.417	QP
2			94.505	23.690	4.214	-19.810	43.500	19.476	QP
3			125.666	25.245	5.775	-18.255	43.500	19.470	QP
4			263.891	25.836	5.749	-20.164	46.000	20.087	QP
5			335.065	29.383	5.756	-16.617	46.000	23.627	QP
6			438.370	32.504	5.233	-13.496	46.000	27.271	QP

Engineer: Nancy	
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Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
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EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 1: Charging + Camera On With Adapter #1	



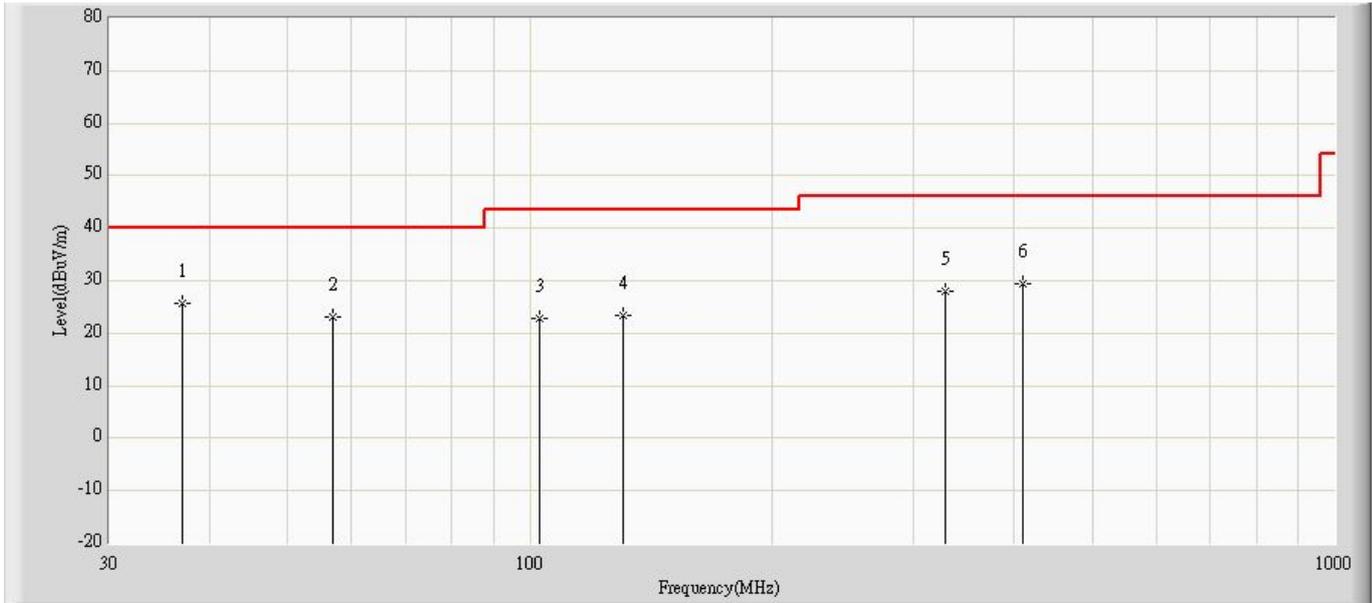
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	36.790	30.849	10.137	-9.151	40.000	20.712	QP
2			56.069	28.405	15.976	-11.595	40.000	12.429	QP
3			81.410	23.395	9.806	-16.605	40.000	13.589	QP
4			132.092	23.931	5.467	-19.569	43.500	18.464	QP
5			250.311	25.461	5.847	-20.539	46.000	19.614	QP
6			359.921	28.941	6.335	-17.059	46.000	22.606	QP

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Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 1: Charging + Camera On With Adapter #2	



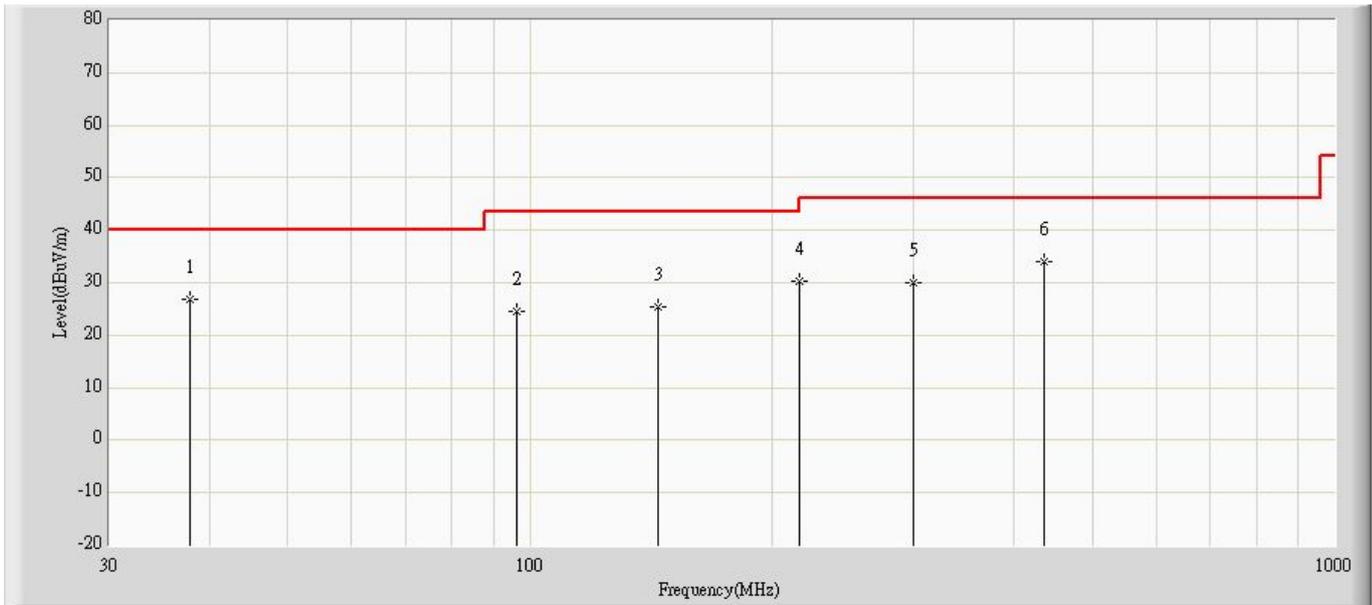
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	38.366	27.304	5.737	-12.696	40.000	21.566	QP
2			97.051	24.106	4.826	-19.394	43.500	19.280	QP
3			115.724	24.742	4.560	-18.758	43.500	20.181	QP
4			193.324	22.415	4.460	-21.085	43.500	17.956	QP
5			342.219	28.650	4.460	-17.350	46.000	24.190	QP
6			444.069	32.079	5.054	-13.921	46.000	27.025	QP

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Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
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EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 1: Charging + Camera On With Adapter #2	



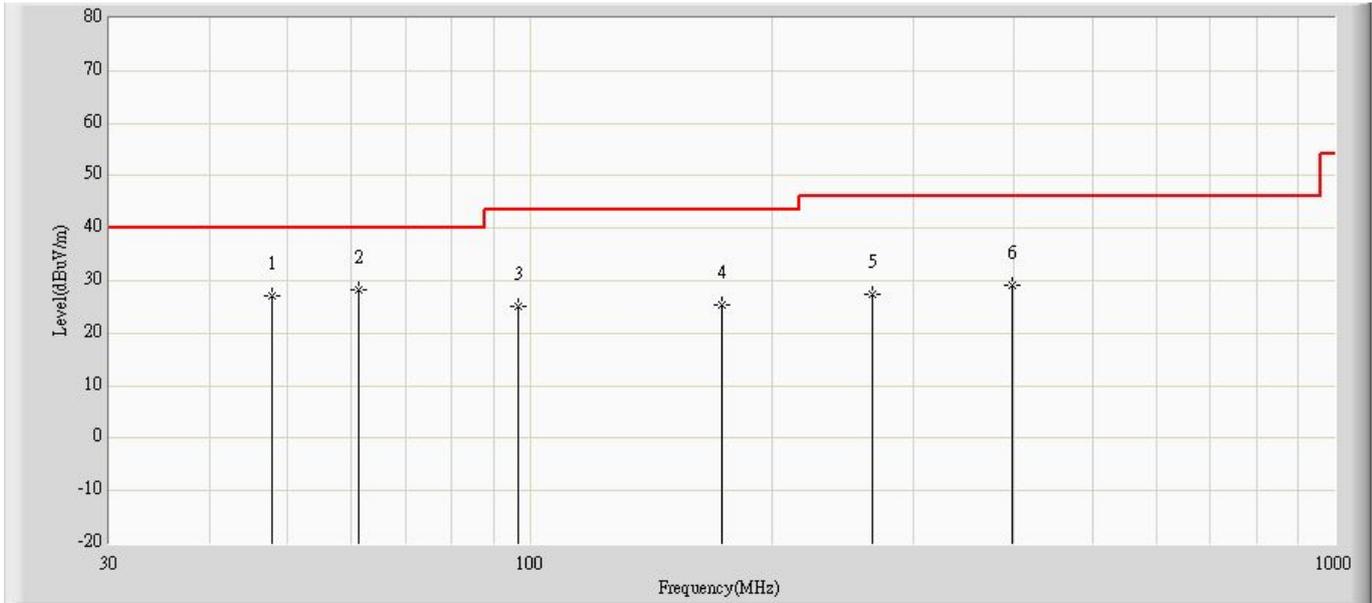
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	36.911	25.829	5.189	-14.171	40.000	20.639	QP
2			56.796	23.029	10.650	-16.971	40.000	12.378	QP
3			102.750	22.782	5.083	-20.718	43.500	17.699	QP
4			130.637	23.381	4.838	-20.119	43.500	18.543	QP
5			328.639	28.125	6.528	-17.875	46.000	21.597	QP
6			409.027	29.411	5.181	-16.589	46.000	24.230	QP

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Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 3: USB Copy	



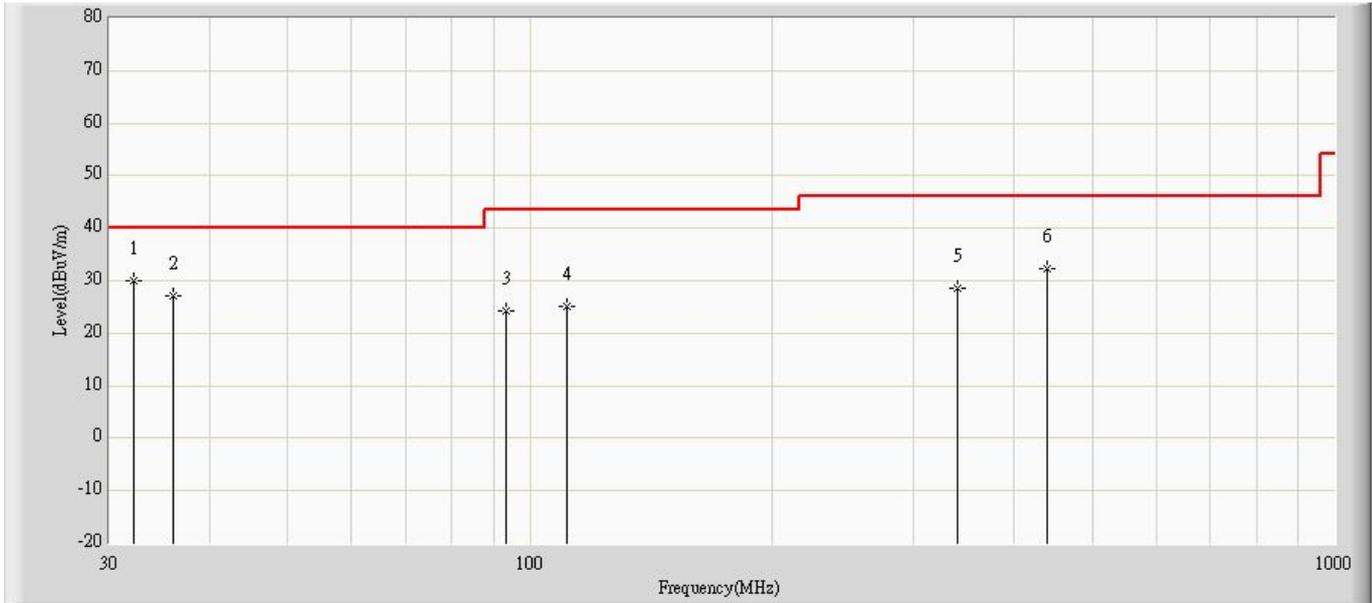
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			37.760	26.792	5.116	-13.208	40.000	21.676	QP
2			96.324	24.555	5.156	-18.945	43.500	19.399	QP
3			143.975	25.474	7.739	-18.026	43.500	17.735	QP
4			215.997	30.346	12.852	-13.154	43.500	17.494	QP
5			299.296	29.909	9.259	-16.091	46.000	20.650	QP
6		*	436.551	34.123	6.730	-11.877	46.000	27.393	QP

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EUT: CDMA1X Mobile Phone	Power: AC 120V/60Hz
Note: Mode 3: USB Copy	



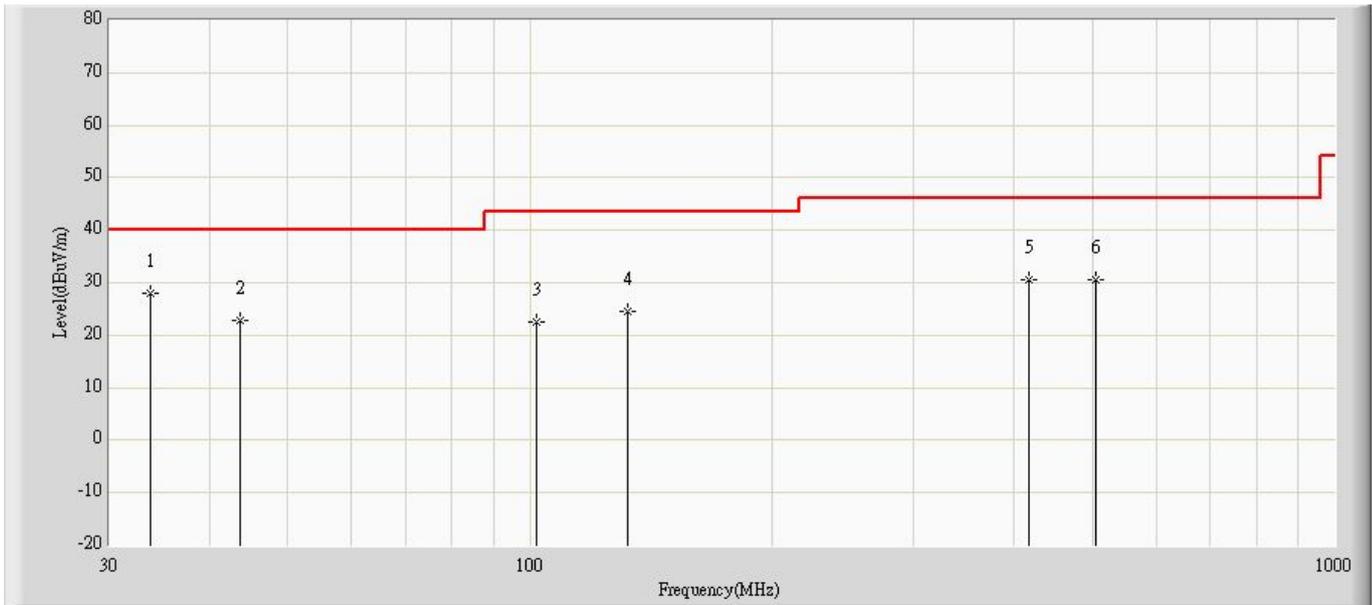
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			47.824	27.124	11.905	-12.876	40.000	15.219	QP
2		*	61.283	28.354	16.390	-11.646	40.000	11.964	QP
3			96.566	25.015	8.217	-18.485	43.500	16.798	QP
4			173.075	25.520	9.713	-17.980	43.500	15.807	QP
5			266.074	27.393	7.224	-18.607	46.000	20.169	QP
6			397.145	29.051	5.273	-16.949	46.000	23.778	QP

Engineer: Nancy	
Site: AC2	Time: 2012/02/25 - 11:35
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: CDMA1X Mobile Phone	Power: By Battery
Note: Mode 4: FM	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	32.182	30.094	6.834	-9.906	40.000	23.260	QP
2			36.062	27.178	5.189	-12.822	40.000	21.989	QP
3			93.414	24.291	5.136	-19.209	43.500	19.156	QP
4			111.238	25.247	5.630	-18.253	43.500	19.616	QP
5			340.400	28.706	4.495	-17.294	46.000	24.211	QP
6			438.855	32.432	5.189	-13.568	46.000	27.243	QP

Engineer: Nancy	
Site: AC2	Time: 2012/02/25 - 11:36
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Vertical
EUT: CDMA1X Mobile Phone	Power: By Battery
Note: Mode 4: FM	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	33.759	27.951	5.467	-12.049	40.000	22.484	QP
2			43.580	22.725	5.756	-17.275	40.000	16.969	QP
3			101.659	22.441	4.880	-21.059	43.500	17.561	QP
4			132.456	24.443	5.999	-19.057	43.500	18.444	QP
5			416.666	30.486	6.178	-15.514	46.000	24.308	QP
6			505.300	30.471	4.988	-15.529	46.000	25.483	QP