



FCC TEST REPORT

According to

47 CFR, Part 2, Part 15 and CISPR PUB. 22

Applicant	: LG Electronics USA
Address	: 1000 Sylvan Avenue Englewood Cliffs New Jersey United States
Equipment	: LCD Monitor
Model No.	: E2242CA,E2242SA
FCC ID	: BEJE2242SA

- The test result refers exclusively to the test presented test model / sample.
- Without written approval of **CerpPASS Technology Corp.** the test report shall not be reproduced except in full.
- The test report must not be used by the clients to claim product certification approval by **NVLAP** or any agency of the Government.



Contents

1. Summary of Test Procedure and Test Result	5
2. Test Configuration of Equipment under Test.....	6
2.1. Manufacturer	6
2.2. Feature of Equipment under Test	6
2.3. Test Manner	7
2.4. Description of Support Unit	8
2.5. General Information of Test	9
2.6. Measurement Uncertainty	9
3. Test of Conducted Emission	10
3.1. Test Limit	10
3.2. Test Procedures.....	10
3.3. Typical test Setup	11
3.4. Measurement equipment.....	11
3.5. Test Result and Data	12
4. Test of Radiated Emission	16
4.1. Test Limit	16
4.2. Test Procedures.....	17
4.3. Typical test Setup	17
4.4. Measurement equipment.....	18
4.5. Test Result and Data (30MHz ~ 1000MHz).....	19
4.6. Test Result and Data (1000MHz ~ 18000MHz).....	23



History of this test report

■ ORIGINAL.

☐ Additional attachment as following record:

Attachment No.	Date	Description



FCC TEST REPORT

According to

47 CFR, Part 2, Part 15 and CISPR PUB. 22

Applicant	: LG Electronics USA
Address	: 1000 Sylvan Avenue Englewood Cliffs New Jersey United States
Equipment	: LCD Monitor
Model No.	: E2242CA,E2242SA
FCC ID	: BEJE2242SA

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4 – 2003** and the energy emitted by this equipment was ***passed*** **CISPR PUB. 22 and FCC Part 15** in both radiated and conducted emission class B limits. Testing was carried out on Jan 05, 2012 at ***Cerpass Technology Corp.***

Signature


Miro Chueh/ Technical director



1. Summary of Test Procedure and Test Result

Test Item	Normative References	Test Result
Conducted Emission	ANSI C63.4-2003 FCC Part 15 Subpart B	PASS
Radiated Emission	ANSI C63.4-2003 FCC Part 15 Subpart B	PASS



2. Test Configuration of Equipment under Test

2.1. Manufacturer

LG Electronics Nanjing Display Co.,Ltd.

No.346,Yaoxin Road Economic & Technical Development Zone Nanjing China

2.2. Feature of Equipment under Test

LCD Monitor	Model No:	E2242CA,E2242SA
Adapter #1	Manufacturer:	Lien Chang Electronic Enterprise Co.,Ltd.
	Model No.:	LCAP21
	Input Rating:	100-240V~ 50-60Hz,1.1 A
	Output Rating:	19V  1.3A
DC Cable	Non-shielded, 1.5m with one ferrite cores bonded	
Adapter #2	Manufacturer:	SHENZHEN HONOR ELECTRONIC CO.,LTD.
	Model No.:	ADS-40SG-19-3 19025G
	Input Rating:	100-240V~ 50/60Hz,1.0A
	Output Rating:	19V  1.3A
DC Cable	Non-shielded, 1.5m	
Adapter #3	Manufacturer:	SHENZHEN HONOR ELECTRONIC CO.,LTD.
	Model No.:	ADS-40FSG-19 19025G***-1(*** can be PG,PBR,PI,PCU (direct plug-in type) represents different plug types, ADS-40FSG-19 19025GPG-1 was selected as the test model)
	Input:	100-240V~ 50/60Hz 1.0A max
	Output:	19V  1.3A
DC Cable	Non-Shielded, 1.5m	
Adapter #4	Manufacturer:	Lien Chang Electronic Enterprise Co.,Ltd.
	Model No.:	LCAP26-* (* can be A,E,I,B direct plug-in type) represents different plug types, LCAP26-E was selected as the test model)
	Input:	100-240V~50-60Hz 1.1A
	Output:	19V  1.3A
DC Cable	Non-Shielded, 1.5m	
VGA Cable	Shielded, 1.5m	
the EUT Photos of 49~52 Just a publicity.		
Remark:	E2242CA and E2242SA are identical except the model name and panel information. This is only to satisfy the different requirements of the client.	



Panel Manufacturer	Panel Model No.
AU Optronics	M215HW03
CHIMEI INNOLUX	M215HGE

2.3. Test Manner

Test Software

- a During testing, the interface cables and equipment positions were varied according to ANSI C63.4.
- b The complete test system included the PC, Printer, USB Keyboard, USB Mouse, and EUT for EMI test.
- c During the test, setup up the EUT and all system, turn on the power of all Equipments, run the EMC test software "H", set the contrast control to maximum, set the brightness control to maximum, use white letters on a black background to represent all colors, make the EUT at the test mode and it is normal operation, and then test.

The pre-test modes

Test Mode 1: Sample1 Full system (VGA mode 1920*1080@60Hz) With Adapter#1
Test Mode 2: Sample1 Full system (VGA mode 1024*768@75Hz) With Adapter#1
Test Mode 3: Sample1 Full system (VGA mode 720*400@70Hz) With Adapter#1
Test Mode 4: Sample1 Full system (VGA mode 1920*1080@60Hz) With Adapter#2
Test Mode 5: Sample1 Full system (VGA mode 1024*768@75Hz) With Adapter#2
Test Mode 6: Sample1 Full system (VGA mode 720*400@70Hz) With Adapter#2
Test Mode 7: Sample1 Full system (VGA mode 1920*1080@60Hz) With Adapter#3
Test Mode 8: Sample1 Full system (VGA mode 1024*768@75Hz) With Adapter#3
Test Mode 9: Sample1 Full system (VGA mode 720*400@70Hz) With Adapter#3
Test Mode 10: Sample1 Full system (VGA mode 1920*1080@60Hz) With Adapter#4
Test Mode 11: Sample1 Full system (VGA mode 1024*768@75Hz) With Adapter#4
Test Mode 12: Sample1 Full system (VGA mode 720*400@70Hz) With Adapter#4
Test Mode 13: Sample2 Full system (VGA mode 1920*1080@60Hz)With Adapter#1
Test Mode 14: Sample2 Full system (VGA mode 1024*768@75Hz) With Adapter#1
Test Mode 15: Sample2 Full system (VGA mode 720*400@70Hz) With Adapter#1
Test Mode 16: Sample2 Full system (VGA mode 1920*1080@60Hz) With Adapter#2
Test Mode 17: Sample2 Full system (VGA mode 1024*768@75Hz) With Adapter#2
Test Mode 18: Sample2 Full system (VGA mode 720*400@70Hz) With Adapter#2
Test Mode 19: Sample2 Full system (VGA mode 1920*1080@60Hz) With Adapter#3
Test Mode 20: Sample2 Full system (VGA mode 1024*768@75Hz) With Adapter#3



Test Mode 21: Sample2 Full system (VGA mode 720*400@70Hz) With Adapter#3

Test Mode 22: Sample2 Full system (VGA mode 1920*1080@60Hz) With Adapter#4

Test Mode 23: Sample2 Full system (VGA mode 1024*768@75Hz) With Adapter#4

Test Mode 24: Sample2 Full system (VGA mode 720*400@70Hz) With Adapter#4

Select the worst case of the pre-test modes as the final test mode

Test Mode 1: Sample1 Full system (VGA mode 1920*1080@60Hz) With Adapter#1

Test Mode 13: Sample2 Full system (VGA mode 1920*1080@60Hz) With Adapter#1

Note: Sample1 for E2242SA, Sample2 for E2242CA

2.4. Description of Support Unit

No.	Device	Manufacturer	Model No.	Description
1	PC	Dell	DCSM	Graphic: ASUS 9500GT
2	Printer	Epson	EX3	N/A
3	USB Keyboard	DELL	SK-8115	N/A
4	USB Mouse	DELL	G0K02XYK	N/A

No.	Cable	Quantity	Description
A	VGA Cable	1	Shielded, 1.5m
B	USB Cable	1	Shielded, 1.8m, with one ferrite core bonded
C	USB Cable	1	Shielded, 1.2m
D	Parallel Cable	1	Shielded, 1.8m

**2.5. General Information of Test**

Test Site:	CerpPASS Technology Corp.
Performand Location :	No.66,Tangzhuang Road, Suzhou Industrial Park, Jiangsu 215006, China
NVLAP LAB Code :	200814-0
FCC Registration Number :	916572, 331395
IC Registration Number :	7290A-1, 7290A-2
VCCI Registration Number :	T-1945 for Telecommunication Test C-2919 for Conducted emission test R-2670 for Radiated emission test below 1GHz G-227 for Radiated emission test above 1GHz
Frequency Range Investigated :	Conducted Emission Test: from 150kHz to 30 MHz Radiated Emission Test: from 30 MHz to 1,000 MHz Radiated Emission Test: from 1GHz to 18GHz
Test Distance :	The test distance of radiated emission below 1GHz from antenna to EUT is 3 M. The test distance of radiated emission above 1GHz from antenna to EUT is 3 M.

LABORATORY ACCREDITATION**2.6. Measurement Uncertainty**

Conducted Emission		
The measurement uncertainty is evaluated as ± 2.71 dB.		
Radiated Emission		
(30MHz -1000MHz)	Horizontal	The measurement uncertainty is evaluated as ± 3.59 dB.
	Vertical	The measurement uncertainty is evaluated as ± 3.89 dB
(1G-18GHz)	Horizontal	The measurement uncertainty is evaluated as ± 2.31 dB.
	Vertical	The measurement uncertainty is evaluated as ± 2.15 dB.



3. Test of Conducted Emission

3.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2003 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

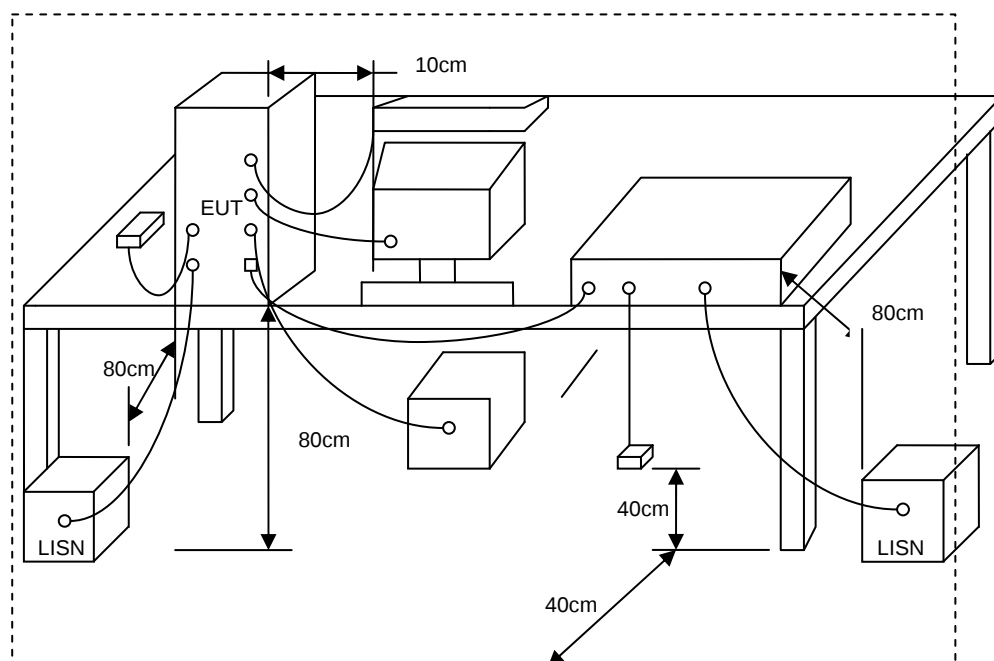
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

3.2. Test Procedures

- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- All the support units are connecting to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



3.3. Typical test Setup



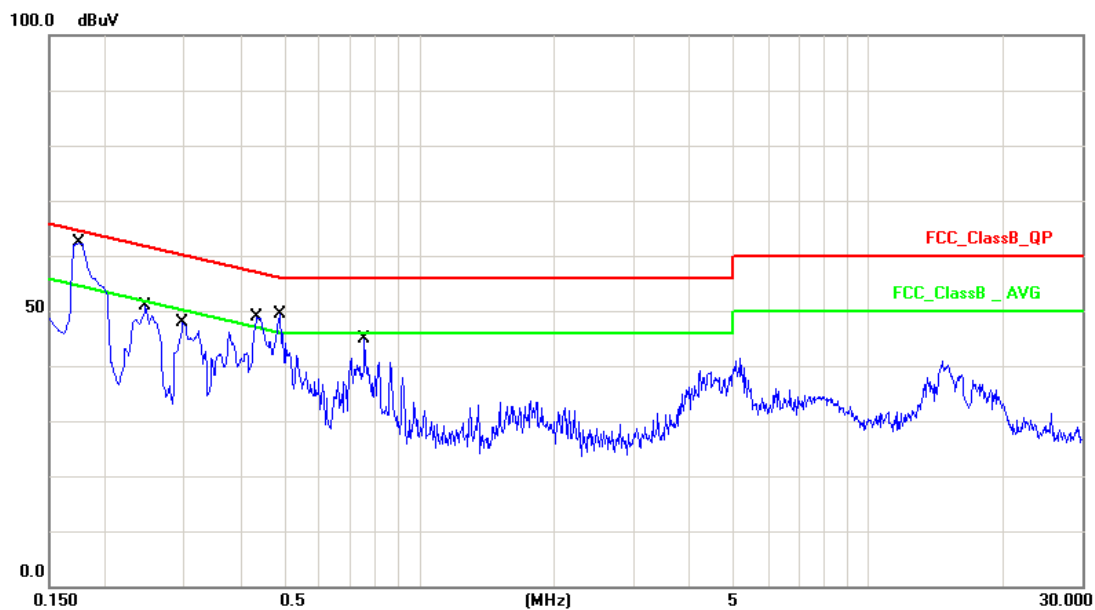
3.4. Measurement equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date
Test Receiver	R&S	ESCI	100565	2011.01.15
AMN	R&S	ESH2-Z5	100182	2011.03.14
Two-Line V-Network	R&S	ENV216	100325	2011.03.14
ISN	FCC	FCC-TLISN-T2-02	20379	2011.03.14
ISN	FCC	FCC-TLISN-T4-02	20380	2011.03.14
ISN	FCC	FCC-TLISN-T8-02	20381	2011.03.14
Current Probe	R&S	EZ-17	100303	2011.03.14
Passive Voltage Probe	R&S	ESH2-Z3	100026	2011.03.14
Attenuator	R&S	ESH3-Z2	100529	2011.01.11
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-004	2011.08.14



3.5. Test Result and Data

Test Mode :	Mode 1: Sample1 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Phase :	LINE
Temperature :	22°C	Humidity :	50%
Pressur(mbar) :	1002	Date :	2012/01/05

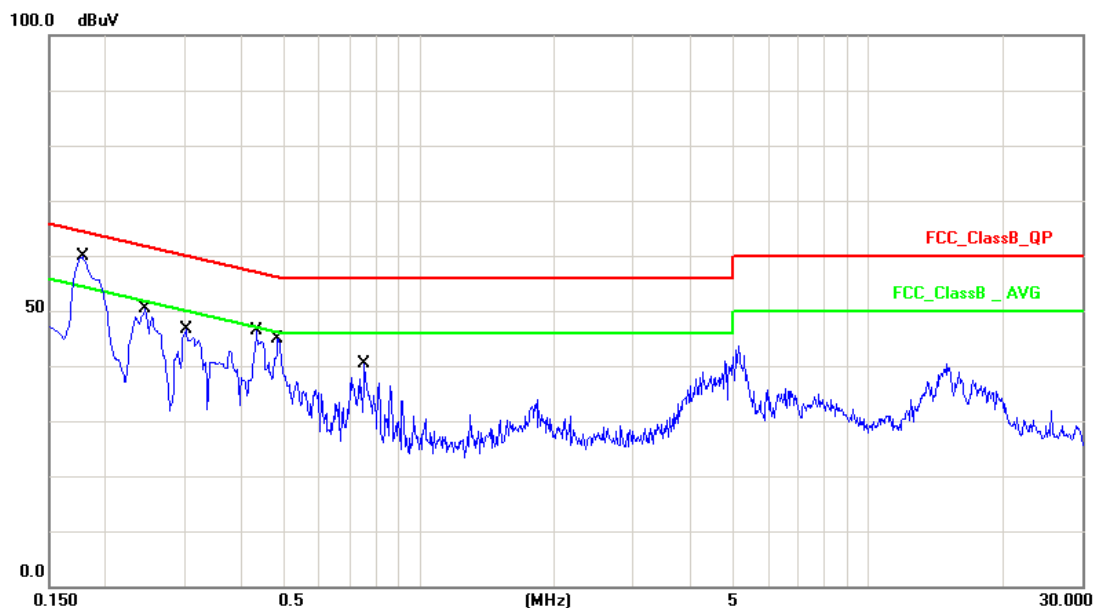


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1740	19.87	40.34	60.21	64.76	-4.55	QP
2	0.1740	19.87	31.75	51.62	54.76	-3.14	AVG
3	0.2460	19.87	26.62	46.49	61.89	-15.40	QP
4	0.2460	19.87	13.93	33.80	51.89	-18.09	AVG
5	0.2980	19.87	24.46	44.33	60.30	-15.97	QP
6	0.2980	19.87	21.84	41.71	50.30	-8.59	AVG
7	0.4340	19.86	26.57	46.43	57.18	-10.75	QP
8	0.4340	19.86	18.63	38.49	47.18	-8.69	AVG
9	0.4900	19.85	23.75	43.60	56.17	-12.57	QP
10	0.4900	19.85	17.19	37.04	46.17	-9.13	AVG
11	0.7580	19.82	21.06	40.88	56.00	-15.12	QP
12	0.7580	19.82	15.03	34.85	46.00	-11.15	AVG

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 1: Sample1 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Phase :	NEUTRAL
Temperature :	22°C	Humidity :	50%
Pressur(mbar) :	1002	Date :	2012/01/05

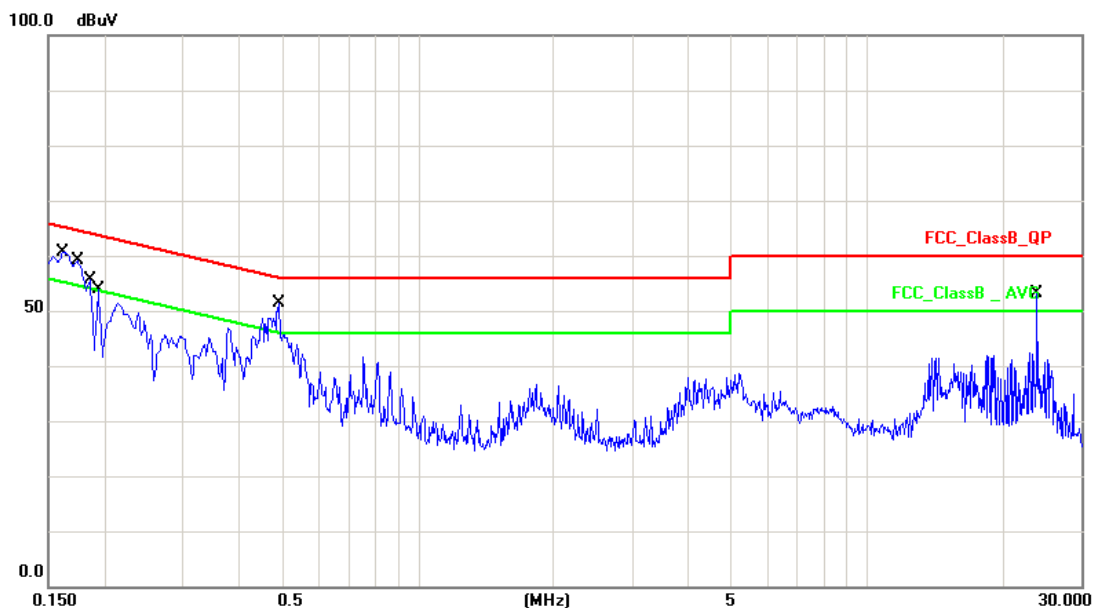


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1780	19.50	35.87	55.37	64.57	-9.20	QP
2	0.1780	19.50	31.71	51.21	54.57	-3.36	AVG
3	0.2460	19.50	26.62	46.12	61.89	-15.77	QP
4	0.2460	19.50	13.92	33.42	51.89	-18.47	AVG
5	0.3020	19.51	21.49	41.00	60.19	-19.19	QP
6	0.3020	19.51	15.57	35.08	50.19	-15.11	AVG
7	0.4340	19.50	24.04	43.54	57.18	-13.64	QP
8	0.4340	19.50	16.20	35.70	47.18	-11.48	AVG
9	0.4860	19.50	22.32	41.82	56.24	-14.42	QP
10	0.4860	19.50	15.56	35.06	46.24	-11.18	AVG
11	0.7580	19.48	19.18	38.66	56.00	-17.34	QP
12	0.7580	19.48	12.83	32.31	46.00	-13.69	AVG

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 13: Sample2 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Phase :	LINE
Temperature :	22°C	Humidity :	50%
Pressur(mbar) :	1002	Date :	2012/01/05

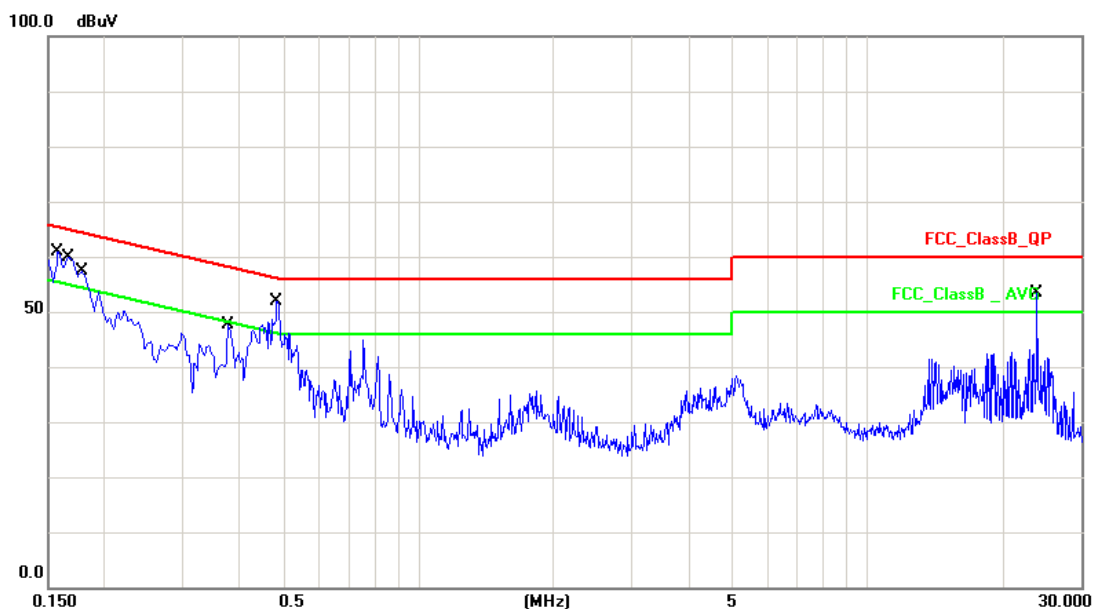


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1624	19.87	37.34	57.21	65.34	-8.13	QP
2	0.1624	19.87	22.08	41.95	55.34	-13.39	AVG
3	0.1740	19.87	36.16	56.03	64.77	-8.74	QP
4	0.1740	19.87	22.56	42.43	54.77	-12.34	AVG
5	0.1860	19.87	28.91	48.78	64.21	-15.43	QP
6	0.1860	19.87	9.98	29.85	54.21	-24.36	AVG
7	0.1940	19.87	16.63	36.50	63.86	-27.36	QP
8	0.1940	19.87	2.94	22.81	53.86	-31.05	AVG
9	0.4900	19.85	27.68	47.53	56.17	-8.64	QP
10	0.4900	19.85	19.55	39.40	46.17	-6.77	AVG
11	23.9980	19.57	32.48	52.05	60.00	-7.95	QP
12	23.9980	19.57	26.75	46.32	50.00	-3.68	AVG

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 13: Sample2 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Phase :	NEUTRAL
Temperature :	22°C	Humidity :	50%
Pressur(mbar) :	1002	Date :	2012/01/05



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1580	19.50	35.09	54.59	65.56	-10.97	QP
2	0.1580	19.50	18.46	37.96	55.56	-17.60	AVG
3	0.1660	19.50	37.35	56.85	65.15	-8.30	QP
4	0.1660	19.50	23.31	42.81	55.15	-12.34	AVG
5	0.1780	19.50	35.06	54.56	64.57	-10.01	QP
6	0.1780	19.50	19.87	39.37	54.57	-15.20	AVG
7	0.3780	19.50	24.17	43.67	58.32	-14.65	QP
8	0.3780	19.50	18.83	38.33	48.32	-9.99	AVG
9	0.4860	19.50	28.15	47.65	56.24	-8.59	QP
10	0.4860	19.50	19.53	39.03	46.24	-7.21	AVG
11	23.9980	19.85	32.80	52.65	60.00	-7.35	QP
12	23.9980	19.85	25.81	45.66	50.00	-4.34	AVG

Note: Measurement Level = Reading Level + Correct Factor

Test engineer:



4. Test of Radiated Emission

4.1. Test Limit

Radiated emissions from 30 MHz to 1,000 MHz were measured with a bandwidth of 120 kHz according to the methods defines in ANSI C63.4-2003. The EUT was placed on a nonmetallic stand in the open-field site, 0.8 meter above the ground plane, as shown in section 3.2. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions.

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance (m)	Level (dBuV/m)	Level (dBuV/m)
30 - 88	3	40(QP)	N/A
88 - 216	3	43(QP)	N/A
216-960	3	46(QP)	N/A
960-1000	3	54(QP)	N/A
1000-18000	3	74(PK)	54(AV)

For unintentional device, according to CISPR PUB.22, for Class B digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the below table.

Frequency (MHz)	Distance Meters	Radiated (dB μ V/ M)
30-230	10	30
230-1000	10	37

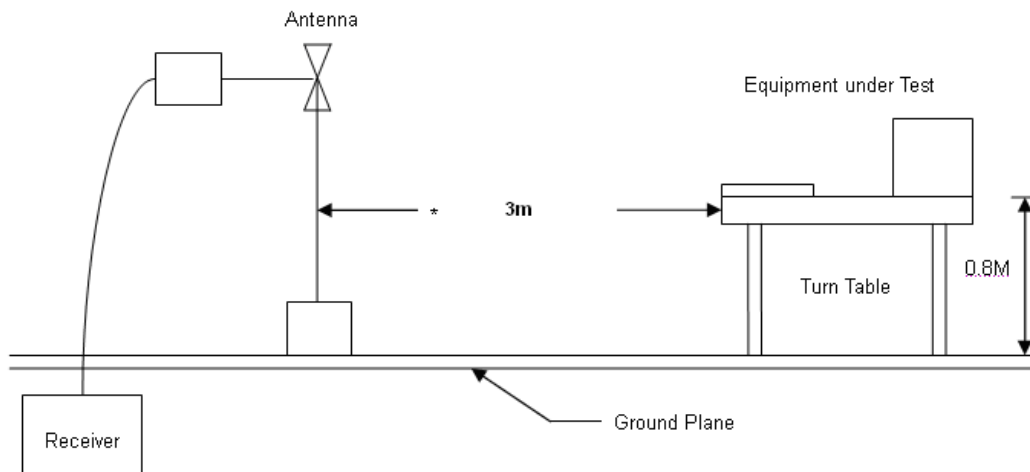


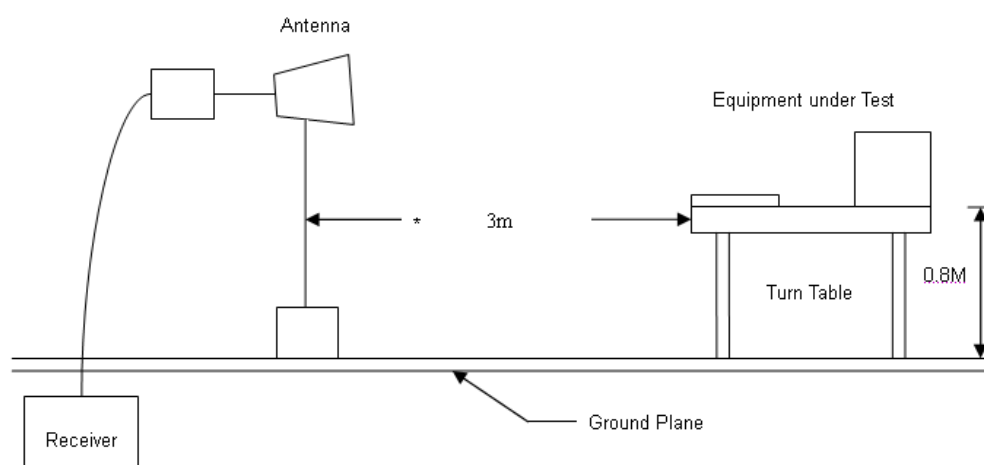
4.2. Test Procedures

- a. The EUT was placed on a Rota table top 0.8 meter above ground.
- b. The EUT and its simulators are placed on the 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.
- c. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
- d. 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.
- e. Radiated emissions were investigated over the frequency range from 30MHz to 1GHz using a receiver bandwidth of 120KHz and the frequency range from 1GHz to 18GHz using a receiver bandwidth of 1MHz.

4.3. Typical test Setup

Below 1GHz Test Setup



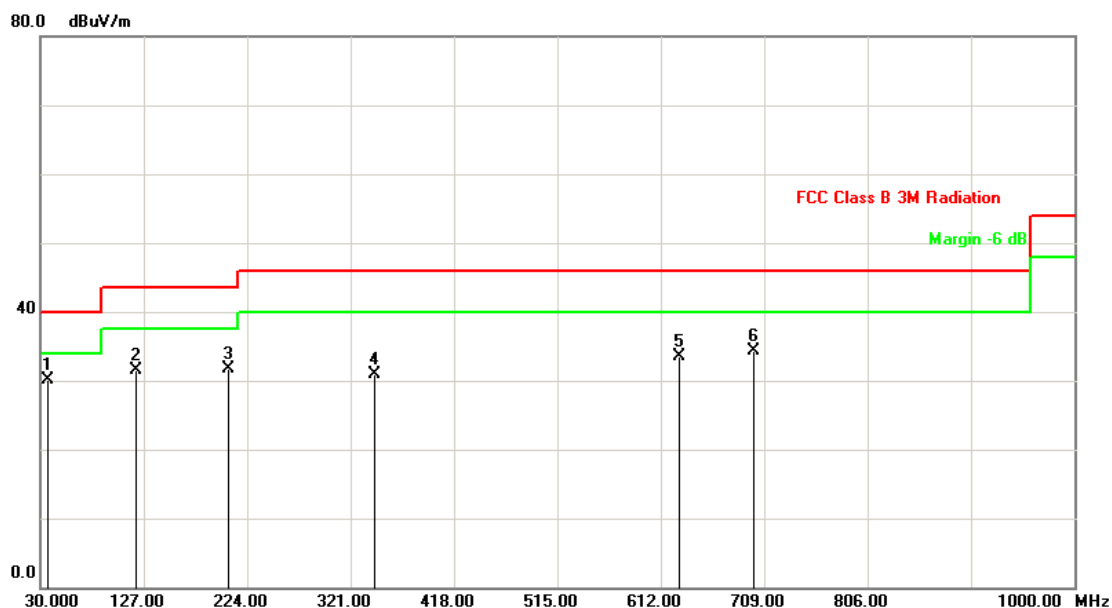
**Above 1GHz Test Setup****4.4. Measurement equipment**

Instrument	Model No.	Manufacturer	Serial No.	Calibration Date
EMI Test Receiver	R&S	ESCI	100563	2011.03.14
H64 Amplifier	HP	8447F	3113A05582	2011.08.14
Preamplifier	Agilent	8449B	3008A02342	2011.02.10
Ultra Broadband Antenna	R&S	HL562	100363	2011.05.07
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-619	2011.05.07
Spectrum Analyzer	R&S	FSP40	100324	2011.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2011.08.17



4.5. Test Result and Data (30MHz ~ 1000MHz)

Test Mode :	Mode 1: Sample1 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Horizontal
Temp :	23	Humidity :	52%
Pressure(mbar) :	1002	Date :	2012/01/05

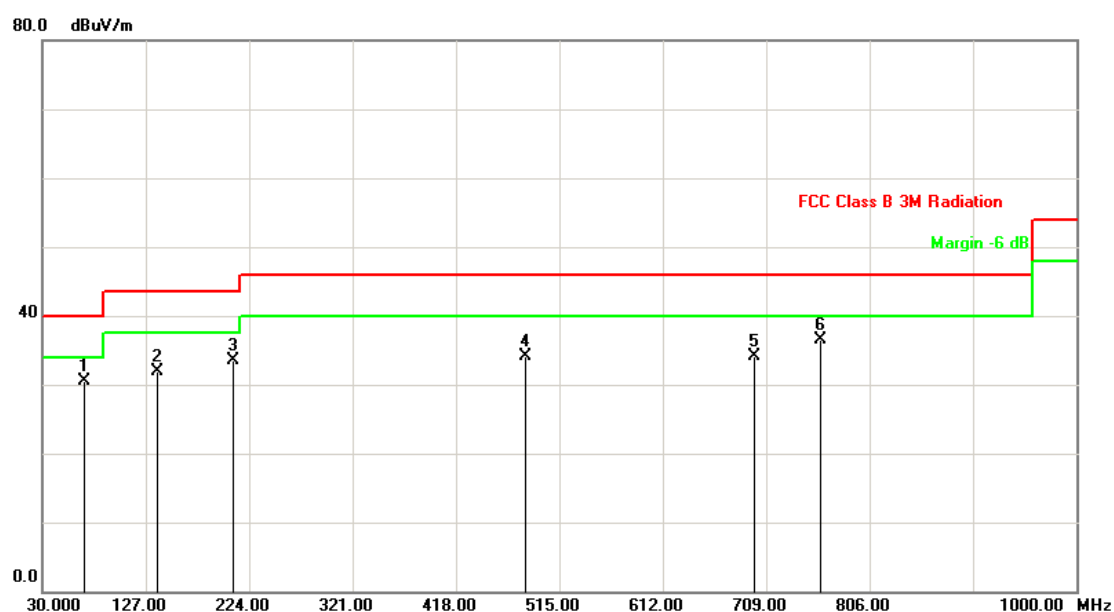


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	36.7900	-9.38	39.58	30.20	40.00	-9.80	QP	100	339
2	120.2100	-13.67	45.17	31.50	43.50	-12.00	QP	100	279
3	206.5400	-15.01	46.81	31.80	43.50	-11.70	QP	100	0
4	344.2799	-9.39	40.29	30.90	46.00	-15.10	QP	100	139
5	629.4600	-2.03	35.53	33.50	46.00	-12.50	QP	100	152
6	699.3000	-0.54	34.84	34.30	46.00	-11.70	QP	100	168

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 1: Sample1 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Vertical
Temp :	23	Humidity :	52%
Pressure(mbar) :	1002	Date :	2012/01/05

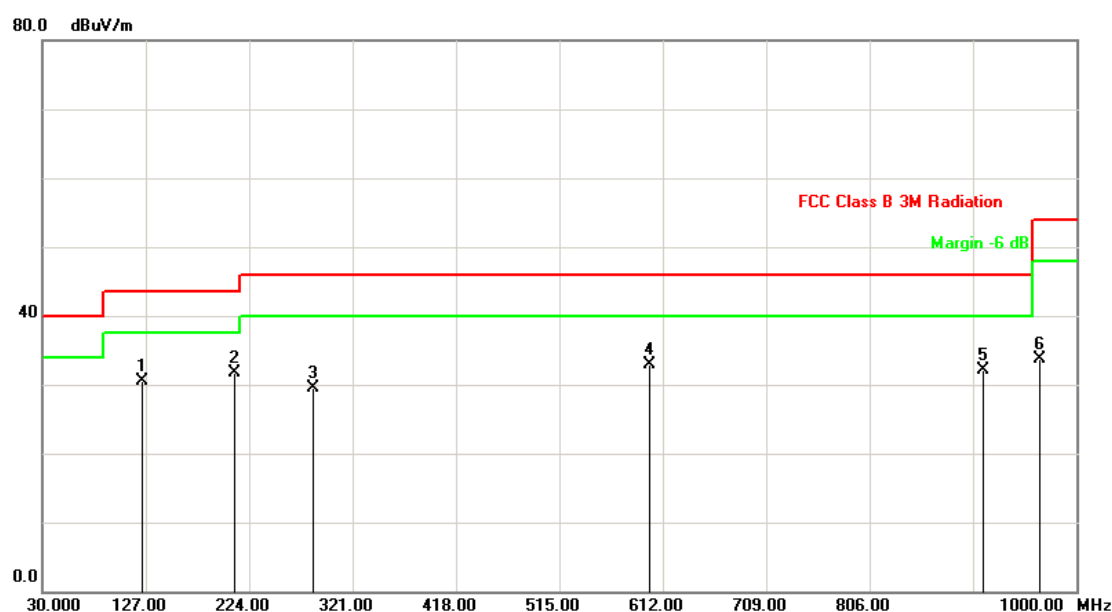


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	69.7700	-17.06	47.56	30.50	40.00	-9.50	QP	100	137
2	137.6700	-14.82	46.72	31.90	43.50	-11.60	QP	100	64
3	209.4500	-14.83	48.33	33.50	43.50	-10.00	QP	100	357
4	482.9900	-5.28	39.48	34.20	46.00	-11.80	QP	100	169
5	697.3600	-0.59	34.69	34.10	46.00	-11.90	QP	100	185
6	759.4400	0.42	36.08	36.50	46.00	-9.50	QP	100	185

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 13: Sample2 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Horizontal
Temp :	23	Humidity :	52%
Pressure(mbar) :	1002	Date :	2012/01/05

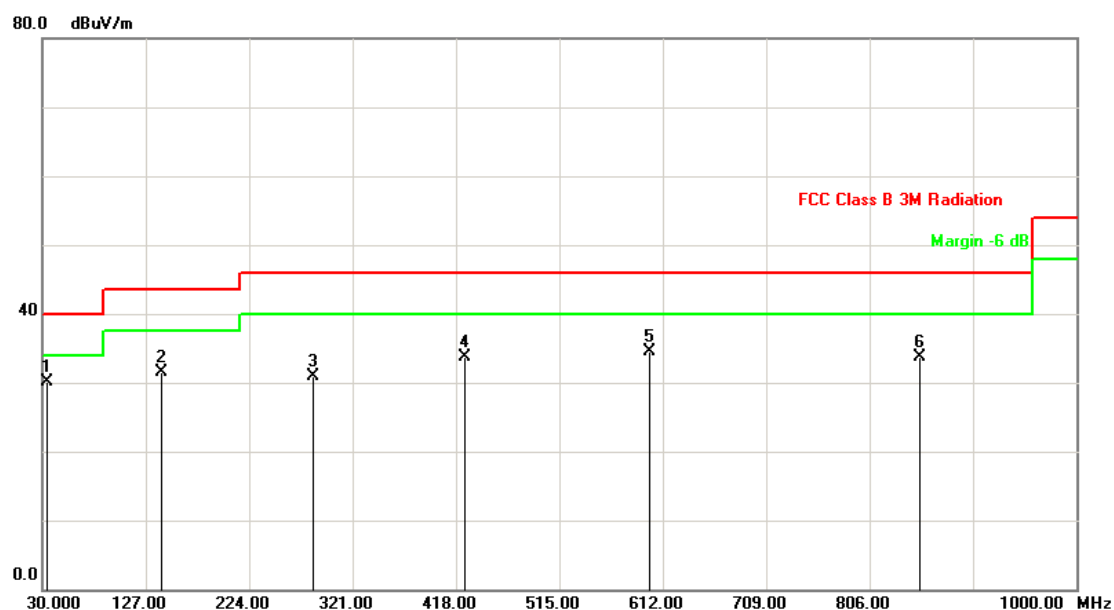


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	124.0900	-13.95	44.45	30.50	43.50	-13.00	QP	200	80
2	210.4200	-14.77	46.57	31.80	43.50	-11.70	QP	100	206
3	284.1400	-11.48	40.98	29.50	46.00	-16.50	QP	100	251
4	599.3900	-2.66	35.56	32.90	46.00	-13.10	QP	100	131
5	912.7000	3.21	28.89	32.10	46.00	-13.90	QP	200	122
6	965.0800	3.89	29.91	33.80	54.00	-20.20	QP	100	159

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 13: Sample2 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Vertical
Temp :	23	Humidity :	52%
Pressure(mbar) :	1002	Date :	2012/01/05



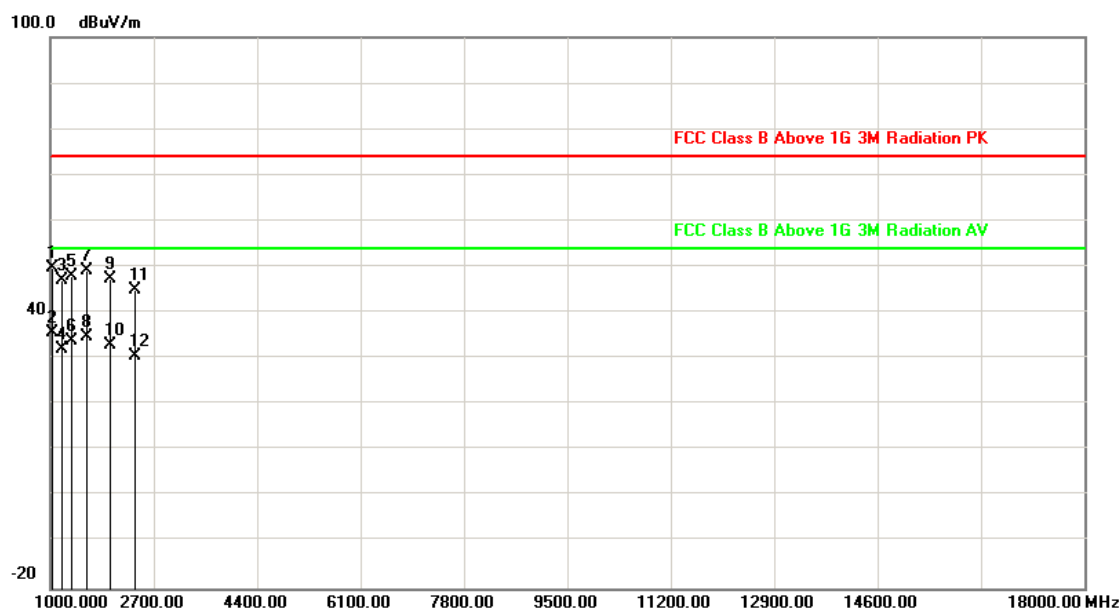
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	34.8500	-8.12	38.32	30.20	40.00	-9.80	QP	100	36
2	141.5500	-15.03	46.53	31.50	43.50	-12.00	QP	100	131
3	284.1400	-11.48	42.38	30.90	46.00	-15.10	QP	154	0
4	425.7600	-6.85	40.65	33.80	46.00	-12.20	QP	100	175
5	599.3900	-2.66	37.16	34.50	46.00	-11.50	QP	200	127
6	852.5600	2.11	31.69	33.80	46.00	-12.20	QP	100	178

Note: Measurement Level = Reading Level + Correct Factor



4.6. Test Result and Data (1000MHz ~ 18000MHz)

Test Mode :	Mode 1: Sample1 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Horizontal
Temp :	23	Humidity :	52%
Pressure(mbar) :	1002	Date :	2012/01/05

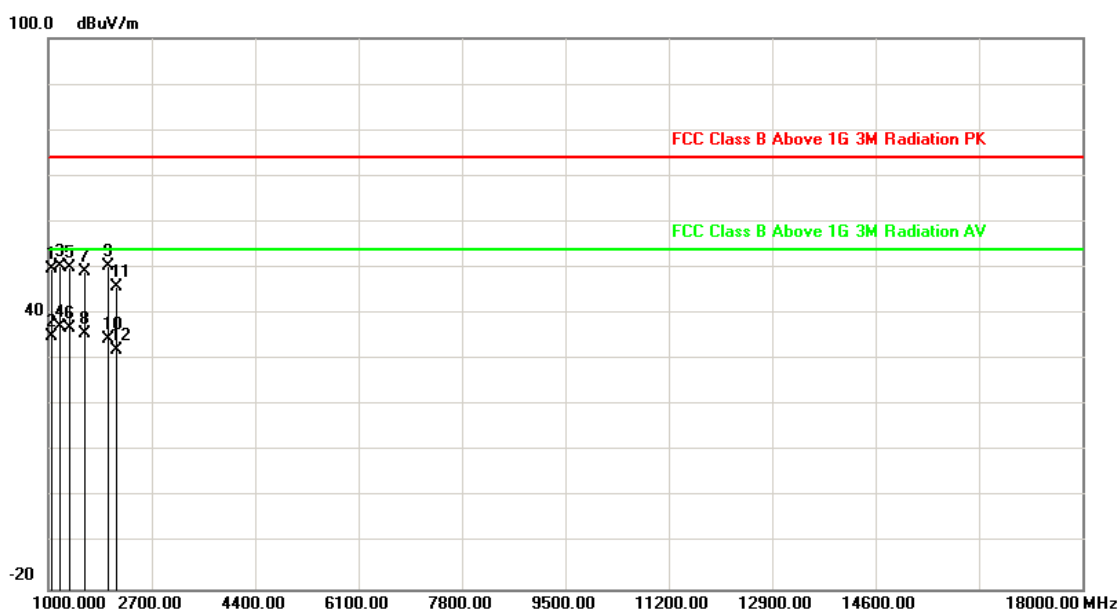


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	1034.000	-6.73	56.47	49.74	74.00	-24.26	peak	100	85
2	1034.000	-6.73	42.53	35.80	54.00	-18.20	AVG	100	85
3	1187.000	-6.09	53.09	47.00	74.00	-27.00	peak	200	74
4	1187.000	-6.09	38.19	32.10	54.00	-21.90	AVG	200	74
5	1340.000	-5.45	53.52	48.07	74.00	-25.93	peak	200	2
6	1340.000	-5.45	39.25	33.80	54.00	-20.20	AVG	200	2
7	1595.000	-4.39	53.63	49.24	74.00	-24.76	peak	188	154
8	1595.000	-4.39	39.19	34.80	54.00	-19.20	AVG	188	154
9	1986.000	-2.76	50.26	47.50	74.00	-26.50	peak	199	194
10	1986.000	-2.76	35.66	32.90	54.00	-21.10	AVG	199	194
11	2394.000	-1.38	46.20	44.82	74.00	-29.18	peak	200	22
12	2394.000	-1.38	31.88	30.50	54.00	-23.50	AVG	200	22

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 1: Sample1 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Vertical
Temp :	23	Humidity :	52%
Pressure(mbar) :	1002	Date :	2012/01/05

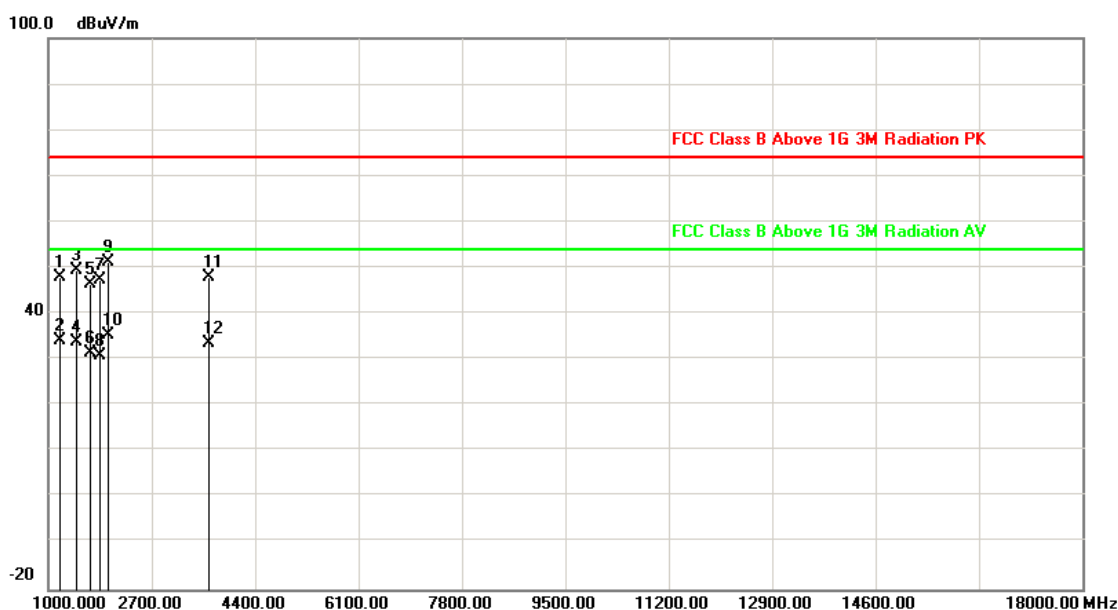


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	1051.000	-6.66	56.39	49.73	74.00	-24.27	peak	200	0
2	1051.000	-6.66	41.76	35.10	54.00	-18.90	AVG	200	0
3	1187.000	-6.09	56.52	50.43	74.00	-23.57	peak	100	77
4	1187.000	-6.09	43.29	37.20	54.00	-16.80	AVG	100	77
5	1340.000	-5.45	55.52	50.07	74.00	-23.93	peak	105	144
6	1340.000	-5.45	42.15	36.70	54.00	-17.30	AVG	105	144
7	1595.000	-4.39	53.67	49.28	74.00	-24.72	peak	189	258
8	1595.000	-4.39	40.09	35.70	54.00	-18.30	AVG	189	258
9	1986.000	-2.76	53.20	50.44	74.00	-23.56	peak	200	341
10	1986.000	-2.76	37.26	34.50	54.00	-19.50	AVG	200	341
11	2122.000	-2.29	48.14	45.85	74.00	-28.15	peak	200	5
12	2122.000	-2.29	34.39	32.10	54.00	-21.90	AVG	200	5

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 13: Sample2 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Horizontal
Temp :	23	Humidity :	52%
Pressure(mbar) :	1002	Date :	2012/01/05

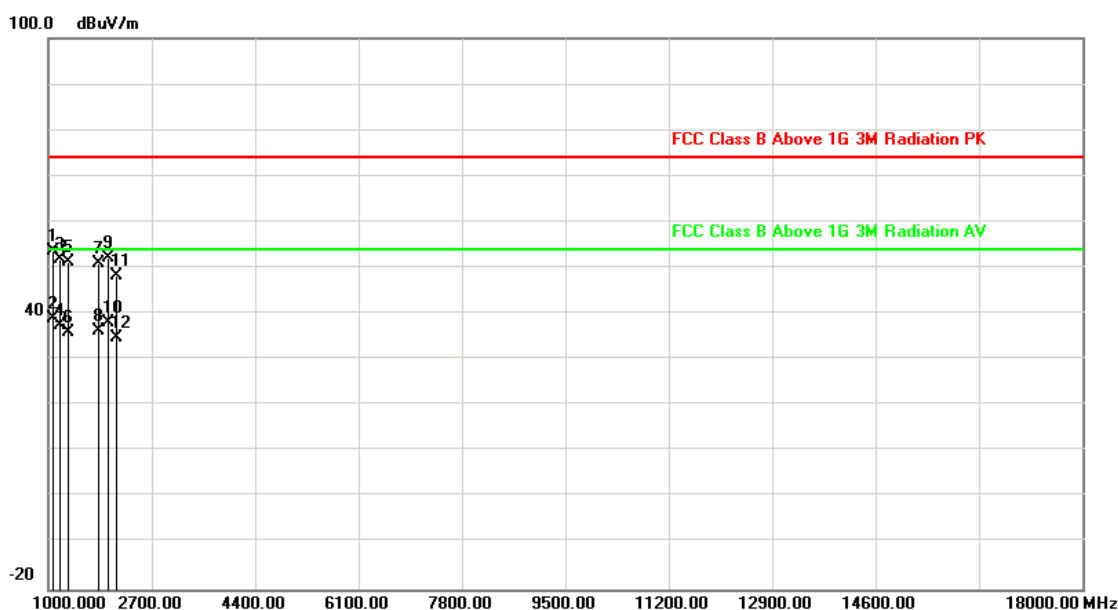


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	1187.000	-6.09	54.18	48.09	74.00	-25.91	peak	200	0
2	1187.000	-6.09	40.29	34.20	54.00	-19.80	AVG	200	0
3	1459.000	-4.96	54.47	49.51	74.00	-24.49	peak	199	74
4	1459.000	-4.96	38.86	33.90	54.00	-20.10	AVG	199	74
5	1680.000	-4.03	50.43	46.40	74.00	-27.60	peak	200	162
6	1680.000	-4.03	35.53	31.50	54.00	-22.50	AVG	200	162
7	1850.000	-3.33	50.64	47.31	74.00	-26.69	peak	100	129
8	1850.000	-3.33	34.13	30.80	54.00	-23.20	AVG	100	129
9	1986.000	-2.76	54.14	51.38	74.00	-22.62	peak	198	317
10	1986.000	-2.76	38.16	35.40	54.00	-18.60	AVG	198	317
11	3635.000	3.01	45.06	48.07	74.00	-25.93	peak	200	248
12	3635.000	3.01	30.49	33.50	54.00	-20.50	AVG	200	248

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 13: Sample2 Full system (VGA mode 1920*1080@60Hz)With Adapter#1		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Vertical
Temp :	23	Humidity :	52%
Pressure(mbar) :	1002	Date :	2012/01/05



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	1068.000	-6.59	60.19	53.60	74.00	-20.40	peak	100	47
2	1068.000	-6.59	45.49	38.90	54.00	-15.10	AVG	100	47
3	1187.000	-6.09	57.92	51.83	74.00	-22.17	peak	101	28
4	1187.000	-6.09	43.59	37.50	54.00	-16.50	AVG	101	28
5	1323.000	-5.52	56.71	51.19	74.00	-22.81	peak	200	155
6	1323.000	-5.52	41.42	35.90	54.00	-18.10	AVG	200	155
7	1833.000	-3.40	54.49	51.09	74.00	-22.91	peak	100	248
8	1833.000	-3.40	39.60	36.20	54.00	-17.80	AVG	100	248
9	1986.000	-2.76	54.80	52.04	74.00	-21.96	peak	157	271
10	1986.000	-2.76	40.86	38.10	54.00	-15.90	AVG	157	271
11	2122.000	-2.29	50.54	48.25	74.00	-25.75	peak	100	194
12	2122.000	-2.29	36.99	34.70	54.00	-19.30	AVG	100	194

Note: Measurement Level = Reading Level + Correct Factor

Test engineer: Seben