

FCC Test Report

Compliance with Industry Canada Interference-Causing
Equipment Standard ICES-003

Product Name : Scanner

Model No. : IRIScan™ Pro 3 Wifi

Applicant : AVISION INC.

Address : No.20, Creation Rd.1, Science Park, Hsinchu, Taiwan 300 R.O.C.

Date of Receipt : 2013/10/11

Report No. : 13A0229R-ITUSP02V02

Issued Date : 2013/10/17

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.

This report must not be used to claim product endorsement by TAF NIST or any agency of the Government.

The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

DECLARATION OF CONFORMITY

Per FCC Part 2 Section 2. 1077(a)



The following equipment:

Product Name : Scanner
Trade Name : IRIS
Model Number : IRIScan™ Pro 3 Wifi
Company Name : AVISION INC.

It's herewith confirmed to comply with the requirements of FCC Part 15 Rules. (Class B)
Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The result of electromagnetic emission has been evaluated by QuieTek EMC laboratory and showed in the test report. (Report No.: 13A0229R-ITUSP02V02)

It is understood that each unit marketed is identical to the device as tested, and
Any changes to the device that could adversely affect the emission
Characteristics will require retest.

The following importer / manufacturer is responsible for this declaration:

Company Name _____
Company Address _____
Telephone _____ Facsimile : _____

Person is responsible for marking this declaration:

_____	_____
Name (Full name)	Position / Title
_____	_____
Date	Legal Signature

Test Report Certification

Issued Date : 2013/10/17

Report No. : 13A0229R-ITUSP02V02



Product Name : Scanner
 Applicant : AVISION INC.
 Address : No.20, Creation Rd.1, Science Park, Hsinchu, Taiwan
 300 R.O.C.
 Manufacturer : (1) AVISION INC.
 (2) AVISION (Suzhou) CO., LTD
 Model No. : IRIScan™ Pro 3 Wifi
 EUT Voltage : Mode 1/2: DC 3.7V (Power by Battery)
 Mode 3/4/5: AC 100-240V, 50/60Hz
 Trade Name : IRIS
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2012 Class B,
 CISPR 22: 2008, ICES-003 Issue 5: 2012 Class B,
 ANSI C63.4: 2009
 Test Result : Complied
 Performed Location : Hsinchu EMC Laboratory
 No. 75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen,
 Qionglin Shiang, Hsinchu County 307, Taiwan
 TEL:+886-3-592-8858 / FAX:+886-3-592-8859

Documented By : Fonbo Fang
 (Fonbo Fang / Engineering Adm. Assistant)

Reviewed By : Mensheo Sie
 (Mensheo Sie / Engineer)

Approved By : Ben Wu
 (Ben Wu / Project Manager)

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 scopes:

Taiwan R.O.C.	:	BSMI, NCC, TAF
Germany	:	TUV Rheinland
Norway	:	DNV
USA	:	FCC
Japan	:	VCCI

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:

HsinChu Testing Laboratory :

No.75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : service@quietek.com

LinKou Testing Laboratory :

No. 5, Ruei-Shu Valley, Ruei-Ping Tsuen, Lin-Kou Shiang, Taipei, Taiwan
TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : service@quietek.com

TABLE OF CONTENTS

Description	Page
1. General Information	5
1.1. EUT Description	5
1.2. Mode of Operation	6
1.3. Tested System Details	7
1.4. Configuration of Tested System	8
1.5. EUT Exercise Software	10
2. Technical Test.....	11
2.1. Summary of Test Result	11
2.2. List of Test Equipment	12
2.3. Measurement Uncertainty	13
2.4. Test Environment	13
3. Conducted Emission	14
3.1. Test Specification	14
3.2. Test Setup	14
3.3. Limit.....	14
3.4. Test Procedure	15
3.5. Test Result	16
3.6. Test Photograph	22
4. Radiated Emission	25
4.1. Test Specification	25
4.2. Test Setup	25
4.3. Limit.....	26
4.4. Test Procedure	27
4.5. Test Result	28
4.6. Test Photograph	48
5. Attachment	58
EUT Photograph	58

1. General Information

1.1. EUT Description

Product Name	Scanner
Trade Name	IRIS
Model No.	IRIScan™ Pro 3 Wifi

Component	
USB Cable	Shielded, 1.0m, one ferrite core bonded
Power Adapter	DVE, DSC-5CU-05 050100 I/P: 100-240V, 50/60Hz, 0.2A O/P: +5V $\overline{=}$ 1A

Note:

1. This EUT is a Scanner.

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: Scan to SD Mode 2: WiFi Mode 3: Read Mode 4: Scan to PC Mode 5: Charge	
Final Test Mode	
Emission	Mode 1: Scan to SD Mode 2: WiFi Mode 3: Read Mode 4: Scan to PC Mode 5: Charge

1.3. Tested System Details

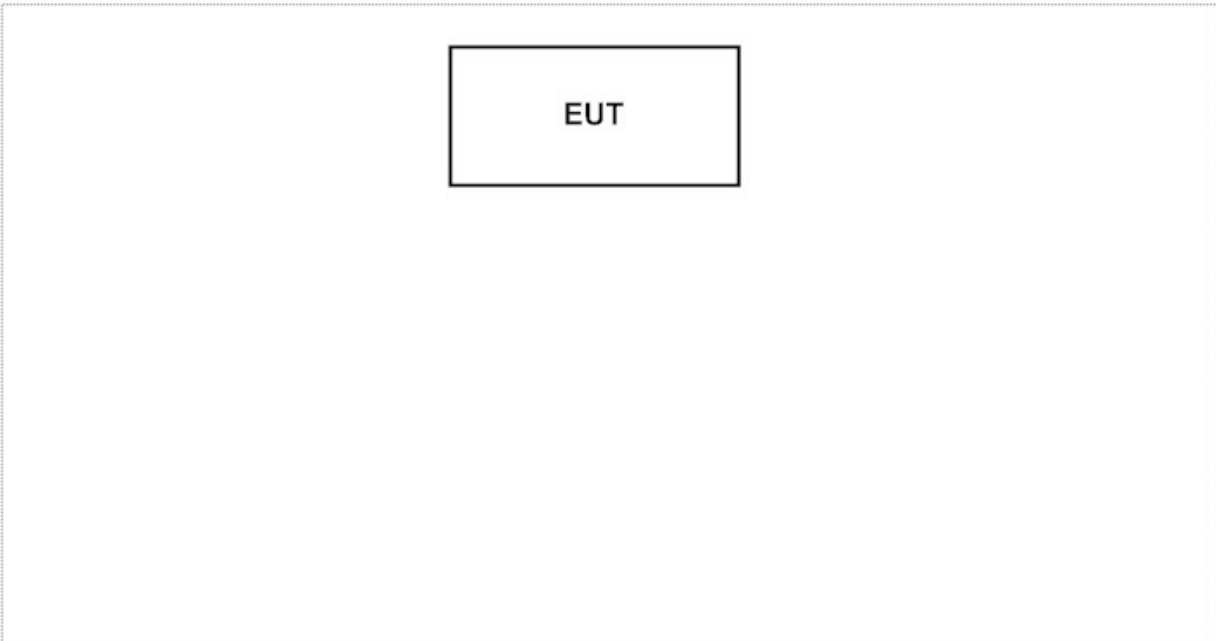
The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Test Mode	Mode 1: Scan to SD Mode 2: WiFi Mode 5: Charge
-----------	--

N/A

Test Mode	Mode 3: Read Mode 4: Scan to PC					
Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord	
1	Monitor	CHI MEI	A170E1-09	3UC120954HA0063	DoC	Non-Shielded, 1.8m
2	Notebook PC	HP	NX6320	CNU62D1F5Y	DoC	Non-Shielded, 1.8m
3	Modem	ACEEX	DM-1414	0102027545	DoC	Non-Shielded, 1.6m
4	USB 2.0 Flash Memory	Apacer	AH223	N/A	DoC	--
5	USB 2.0 Flash Memory	Apacer	AH223	N/A	DoC	--
6	Microphone & Earphone	Fujiei	SBZ-38	N/A	DoC	--
7	USB Mouse	Logitech	M-UV83	LZE35006044	DoC	--
8	Printer	HP	C2642A	MY75L1D2XN	DoC	Non-Shielded, 0.7m

1.4. Configuration of Tested System

Test Mode	Mode 1: Scan to SD Mode 2: WiFi Mode 5: Charge
Connection Diagram	
	

Test Mode		Mode 3: Read Mode 4: Scan to PC
Connection Diagram		
The diagram illustrates the connection setup for a Notebook PC (2). It is connected to a Monitor (1) via cable A, an EUT via cable B, two USB 2.0 Flash Memory devices (4 and 5) via cables D and E, a Modem (3) via cable G, and a Printer (8) via cable H. Additionally, a Microphone & Earphone (6) is connected to a USB Mouse (7) via cable C, and the USB Mouse (7) is connected to the Notebook PC (2) via cable F. The Notebook PC (2) is also connected to the Internet via cable I.		
Signal Cable Type		Signal cable Description
A	VGA Cable	Shielded, 1.5m
B	USB Cable	Shielded, 1.0m, one ferrite core bonded
C	Microphone & Earphone Cable	Non Shielded, 1.8m
D	USB 2.0 Flash Memory Cable	Shielded, 1.0m
E	USB 2.0 Flash Memory Cable	Shielded, 1.0m
F	USB Mouse Cable	Shielded, 1.6m, one ferrite core bonded
G	Modem Cable	Shielded, 1.5m
H	Printer Cable	Shielded, 1.2m
I	LAN Cable	Non Shielded, 10m

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.4. (refer to 1.4 configuration of tested system).
2	Turn on the power of all equipment
3	Boot the Notebook PC from Hard Disk.
4	Notebook PC reads test software from disk and then sent to scanner.
5	The EUT will start to operate and scan the video figure into Notebook PC.
6	Notebook PC will display " video figure" on monitor.
7	Repeat the above procedure (4) to (6).

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 Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart B: 2012 ANSI C63.4: 2009	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart B: 2012 ANSI C63.4: 2009	Yes	No

2.2. List of Test Equipment

Conducted Emission/ SR3

Instrument	Manufacturer	Model No.	Serial No.	Next Cal. Date
LISN	R&S	ENV216	100096	2014/08/01
LISN	R&S	ESH3-Z5	836679/022	2014/01/20
Test Receiver	R&S	ESCS 30	825442/017	2014/01/01
Coaxial Cable	Harbour	RG-400	SR3	2014/08/14
Quietek EMI system	Quietek	Version 2.2	SR3	N/A

Radiated Emission/ Site2 (Under 1GHz)

Instrument	Manufacturer	Model No.	Serial No.	Next Cal. Date
Bilog Antenna	Schaffner	CBL6112B	2891(Site2)	2014/08/14
Spectrum Analyzer	Advantest	R3162	121200166	2014/02/22
Test Receiver	R&S	ESCS 30	836858/023	2014/03/07
Coaxial Switch	Anritsu	MP59B	6200410246(Site2)	2014/03/31
Coaxial Cable	Suhner	RG-214U	Site2-1	2014/03/31
Quietek EMI system	Quietek	Version 2.2	Site2	N/A

Radiated Emission/ CB1 (Above 1GHz)

Instrument	Manufacturer	Model No.	Serial No.	Next Cal. Date
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2014/02/21
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2014/02/17
Pre-Amplifier	MITEQ	JS41-00104000-58-5P	1438359	2014/04/21
PSA Series Spectrum analyzer	Agilent	E4440A	MY46187335	2014/01/27
Quietek EMI system	Quietek	Version 2.2	CB1	N/A

2.3. Measurement Uncertainty

Conducted Emission

The measurement uncertainty is evaluated as ± 2.26 dB.

Radiated Emission (Under 1GHz)

The measurement uncertainty is evaluated as ± 3.43 dB.

Radiated Emission (Above 1GHz)

The measurement uncertainty is evaluated as ± 3.65 dB.

2.4. Test Environment

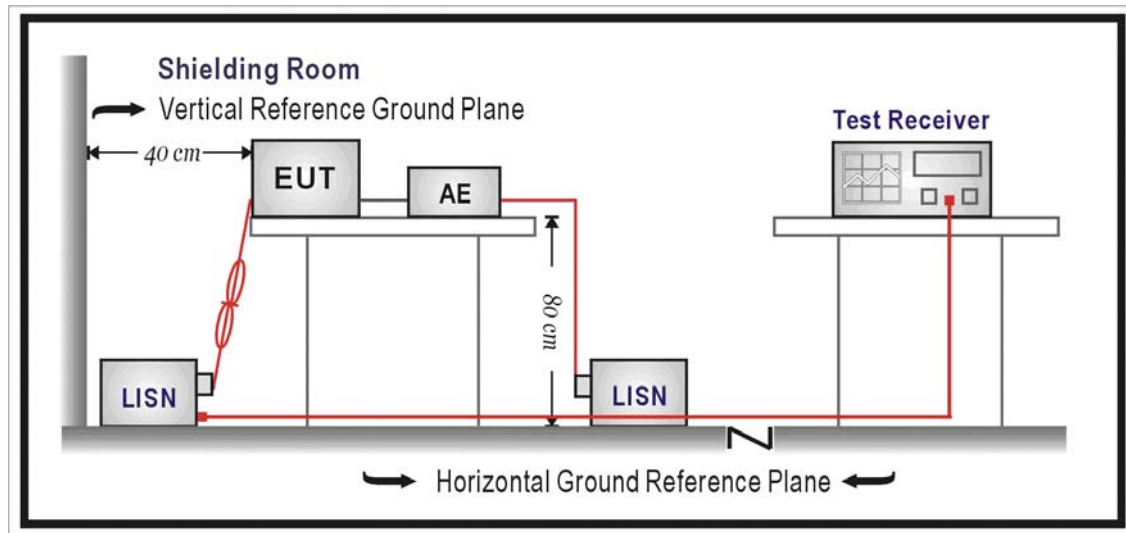
Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	50
	Barometric pressure (mbar)	860-1060	950-1000
Radiated Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	65
	Barometric pressure (mbar)	860-1060	950-1000

3. Conducted Emission

3.1. Test Specification

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

3.2. Test Setup



3.3. Limit

Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 – 46
0.50-5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

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 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination.

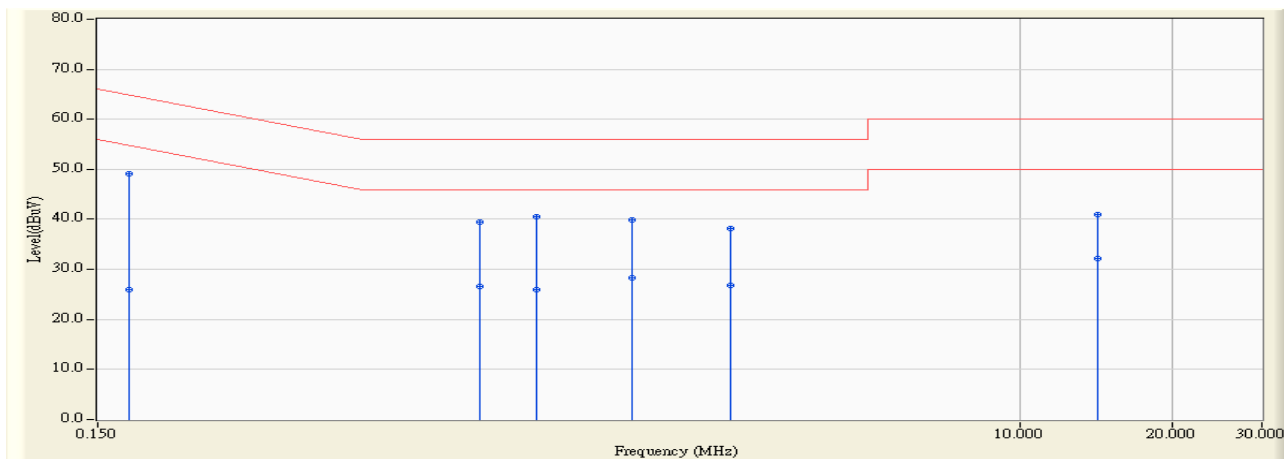
(Please refers to the block diagram of the test setup and photographs.)

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. Test Result

Site : SR3	Time : 2013/09/04 - 19:11
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-3_0813 - Line1	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 3: Read

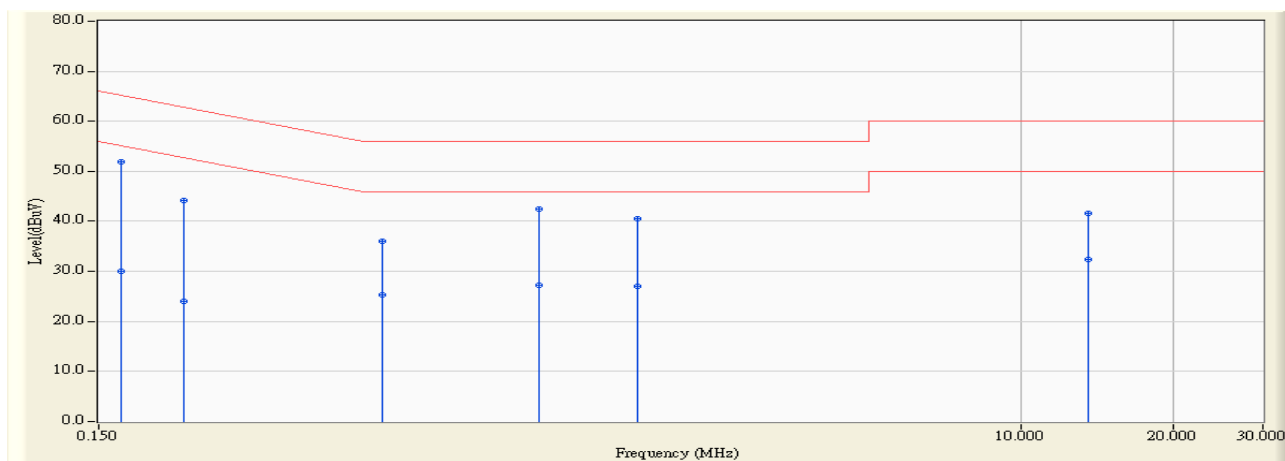


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.173	9.645	39.410	49.055	-15.739	64.794	QUASIPeAK
2		0.173	9.645	16.330	25.975	-28.819	54.794	AVERAGE
3		0.853	9.911	29.450	39.361	-16.639	56.000	QUASIPeAK
4		0.853	9.911	16.620	26.531	-19.469	46.000	AVERAGE
5	*	1.107	9.940	30.530	40.470	-15.530	56.000	QUASIPeAK
6		1.107	9.940	16.050	25.990	-20.010	46.000	AVERAGE
7		1.712	9.950	30.020	39.970	-16.030	56.000	QUASIPeAK
8		1.712	9.950	18.400	28.350	-17.650	46.000	AVERAGE
9		2.670	10.000	28.260	38.260	-17.740	56.000	QUASIPeAK
10		2.670	10.000	16.760	26.760	-19.240	46.000	AVERAGE
11		14.170	10.130	30.850	40.980	-19.020	60.000	QUASIPeAK
12		14.170	10.130	22.020	32.150	-17.850	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	Time : 2013/09/04 - 19:13
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-3_0813 - Line2	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 3: Read

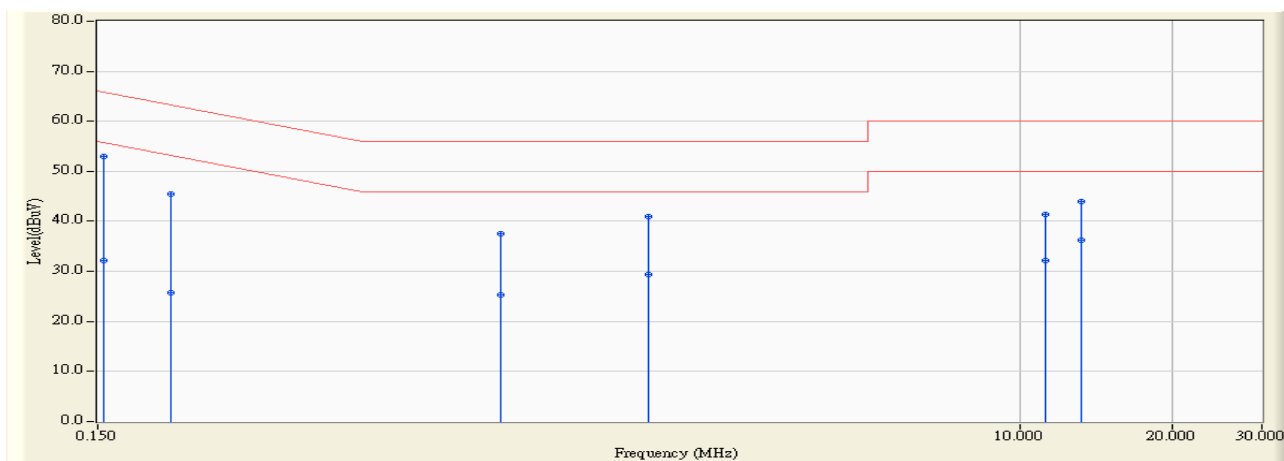


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	9.642	42.330	51.972	-13.205	65.177	QUASIPeAK
2		0.166	9.642	20.280	29.922	-25.255	55.177	AVERAGE
3		0.220	9.671	34.420	44.091	-18.716	62.807	QUASIPeAK
4		0.220	9.671	14.270	23.941	-28.866	52.807	AVERAGE
5		0.545	9.829	26.270	36.099	-19.901	56.000	QUASIPeAK
6		0.545	9.829	15.470	25.299	-20.701	46.000	AVERAGE
7		1.115	9.930	32.540	42.470	-13.530	56.000	QUASIPeAK
8		1.115	9.930	17.290	27.220	-18.780	46.000	AVERAGE
9		1.744	9.940	30.560	40.500	-15.500	56.000	QUASIPeAK
10		1.744	9.940	17.080	27.020	-18.980	46.000	AVERAGE
11		13.541	10.190	31.350	41.540	-18.460	60.000	QUASIPeAK
12		13.541	10.190	22.200	32.390	-17.610	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	Time : 2013/09/04 - 19:32
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-3_0813 - Line1	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 4: Scan to PC

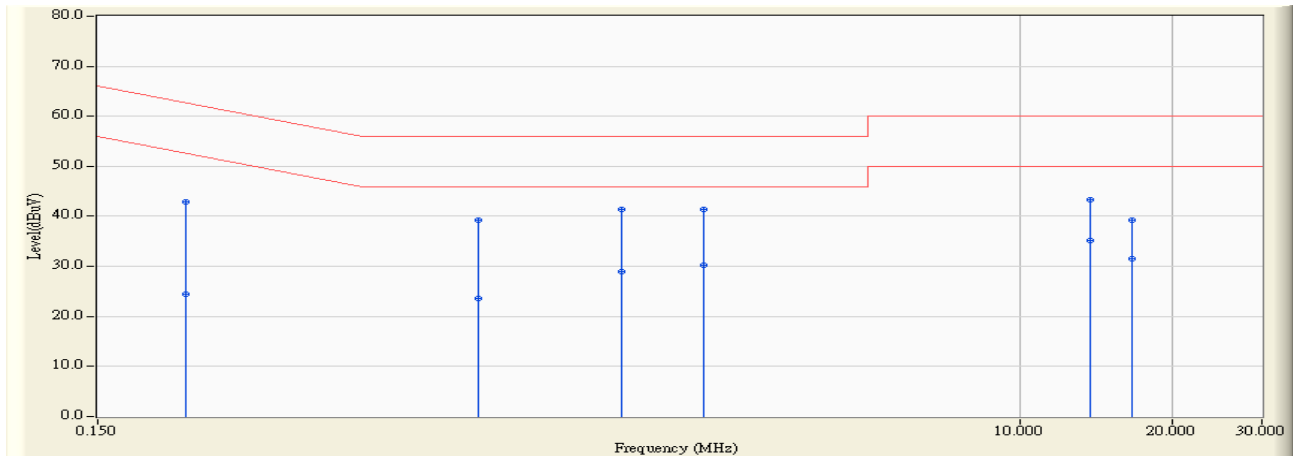


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.154	9.640	43.240	52.880	-12.906	65.786	QUASIPeAK
2		0.154	9.640	22.510	32.150	-23.636	55.786	AVERAGE
3		0.209	9.663	35.830	45.493	-17.768	63.261	QUASIPeAK
4		0.209	9.663	16.110	25.773	-27.488	53.261	AVERAGE
5		0.939	9.930	27.500	37.430	-18.570	56.000	QUASIPeAK
6		0.939	9.930	15.300	25.230	-20.770	46.000	AVERAGE
7		1.834	9.960	30.990	40.950	-15.050	56.000	QUASIPeAK
8		1.834	9.960	19.430	29.390	-16.610	46.000	AVERAGE
9		11.181	10.110	31.350	41.460	-18.540	60.000	QUASIPeAK
10		11.181	10.110	22.060	32.170	-17.830	50.000	AVERAGE
11		13.146	10.120	33.820	43.940	-16.060	60.000	QUASIPeAK
12		13.146	10.120	26.200	36.320	-13.680	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	Time : 2013/09/04 - 19:34
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-3_0813 - Line2	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 4: Scan to PC

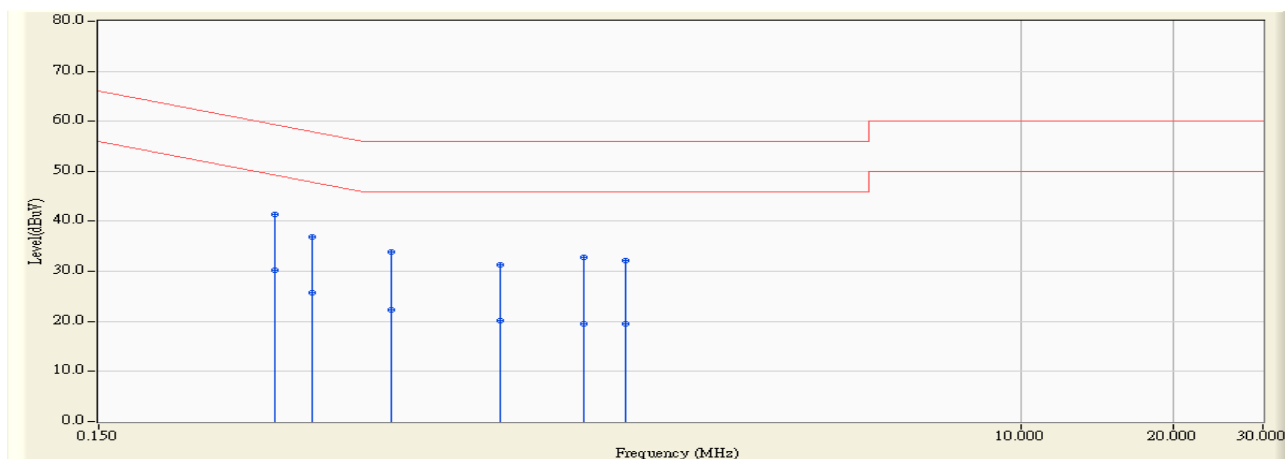


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.224	9.674	33.320	42.994	-19.668	62.661	QUASIPeAK
2		0.224	9.674	14.700	24.374	-28.288	52.661	AVERAGE
3		0.849	9.900	29.310	39.210	-16.790	56.000	QUASIPeAK
4		0.849	9.900	13.760	23.660	-22.340	46.000	AVERAGE
5	*	1.627	9.940	31.350	41.290	-14.710	56.000	QUASIPeAK
6		1.627	9.940	19.100	29.040	-16.960	46.000	AVERAGE
7		2.365	9.950	31.340	41.290	-14.710	56.000	QUASIPeAK
8		2.365	9.950	20.360	30.310	-15.690	46.000	AVERAGE
9		13.720	10.190	33.210	43.400	-16.600	60.000	QUASIPeAK
10		13.720	10.190	24.990	35.180	-14.820	50.000	AVERAGE
11		16.564	10.240	29.000	39.240	-20.760	60.000	QUASIPeAK
12		16.564	10.240	21.190	31.430	-18.570	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	Time : 2013/09/04 - 17:10
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-3_0813 - Line1	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 5: Charge

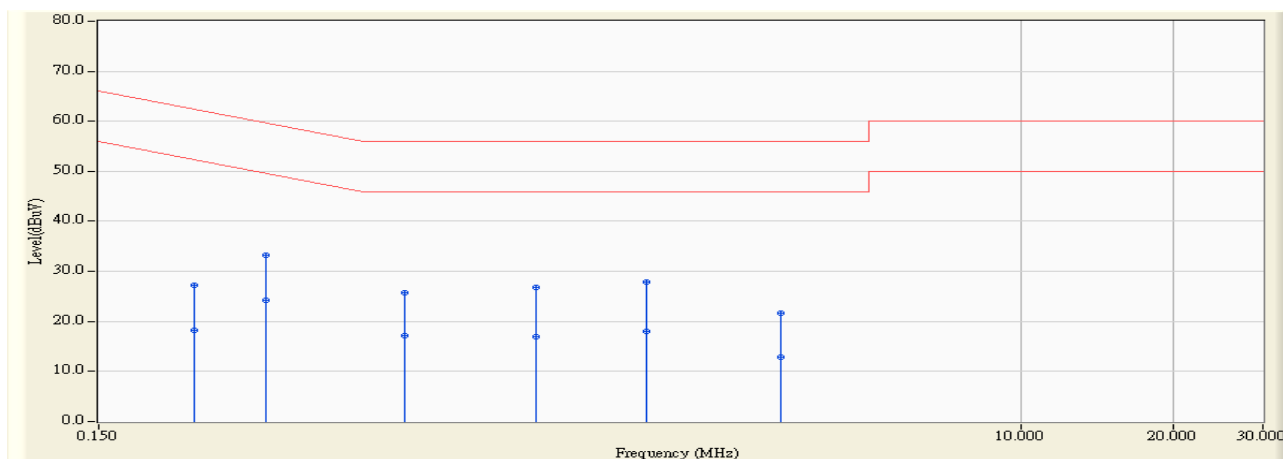


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.334	9.736	31.590	41.326	-18.035	59.361	QUASIPeAK
2		0.334	9.736	20.430	30.166	-19.195	49.361	AVERAGE
3		0.396	9.769	27.140	36.909	-21.026	57.935	QUASIPeAK
4		0.396	9.769	15.890	25.659	-22.276	47.935	AVERAGE
5		0.568	9.846	24.070	33.916	-22.084	56.000	QUASIPeAK
6		0.568	9.846	12.550	22.396	-23.604	46.000	AVERAGE
7		0.931	9.928	21.390	31.318	-24.682	56.000	QUASIPeAK
8		0.931	9.928	10.340	20.268	-25.732	46.000	AVERAGE
9		1.365	9.950	22.910	32.860	-23.140	56.000	QUASIPeAK
10		1.365	9.950	9.610	19.560	-26.440	46.000	AVERAGE
11		1.650	9.950	22.140	32.090	-23.910	56.000	QUASIPeAK
12		1.650	9.950	9.550	19.500	-26.500	46.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	Time : 2013/09/04 - 17:13
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A)-3_0813 - Line2	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 5: Charge



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.232	9.679	17.550	27.229	-35.148	62.377	QUASIPeAK
2		0.232	9.679	8.470	18.149	-34.228	52.377	AVERAGE
3		0.322	9.719	23.430	33.149	-26.510	59.658	QUASIPeAK
4	*	0.322	9.719	14.430	24.149	-25.510	49.658	AVERAGE
5		0.603	9.840	15.940	25.780	-30.220	56.000	QUASIPeAK
6		0.603	9.840	7.370	17.210	-28.790	46.000	AVERAGE
7		1.095	9.930	16.920	26.850	-29.150	56.000	QUASIPeAK
8		1.095	9.930	6.930	16.860	-29.140	46.000	AVERAGE
9		1.818	9.940	17.860	27.800	-28.200	56.000	QUASIPeAK
10		1.818	9.940	8.040	17.980	-28.020	46.000	AVERAGE
11		3.353	9.995	11.620	21.615	-34.385	56.000	QUASIPeAK
12		3.353	9.995	2.940	12.935	-33.065	46.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

3.6. Test Photograph

Test Mode : Mode 3: Read

Description : Front View of Conducted Emission Test Setup



Test Mode : Mode 3: Read

Description : Back View of Conducted Emission Test Setup



Test Mode : Mode 4: Scan to PC

Description : Front View of Conducted Emission Test Setup



Test Mode : Mode 4: Scan to PC

Description : Back View of Conducted Emission Test Setup



Test Mode : Mode 5: Charge

Description : Front View of Conducted Emission Test Setup



Test Mode : Mode 5: Charge

Description : Back View of Conducted Emission Test Setup



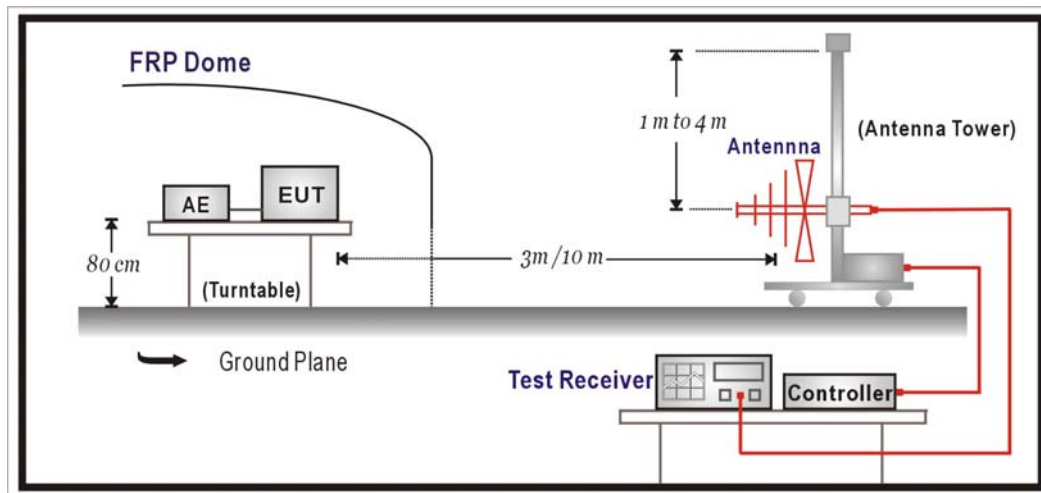
4. Radiated Emission

4.1. Test Specification

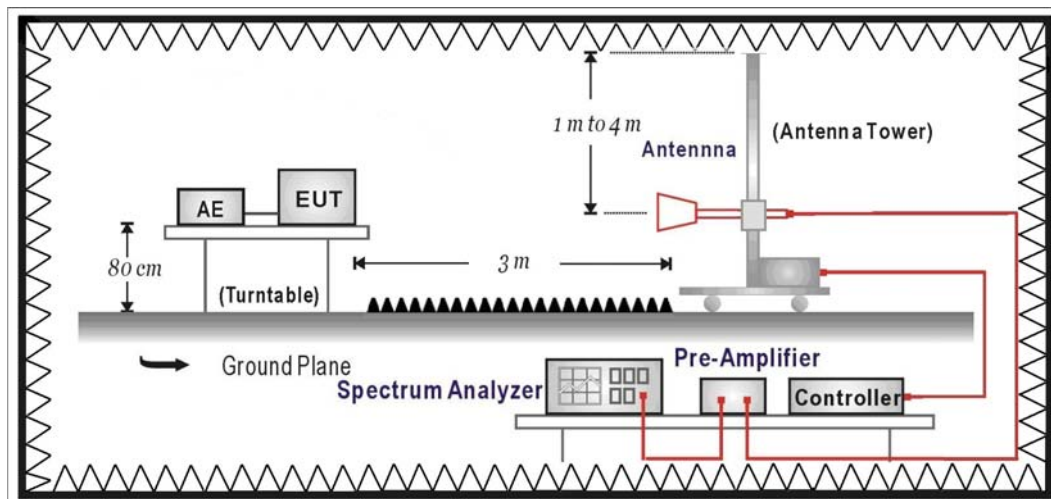
According to EMC Standard : FCC Part 15 Subpart B, ANSI C63.4

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

Under 1GHz test shall not exceed the following value:

Limits		
Frequency (MHz)	Distance (m)	dBuV/m
30 – 230	10	30
230 – 1000	10	37

Limits		
Frequency (MHz)	Distance (m)	dBuV/m
30-88	3	40
88-216	3	43.5
216-960	3	46
Above 960	3	54

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
1. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
2. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

Above 1GHz test shall not exceed the following value:

FCC Part 15 Subpart B Paragraph 15.109 Limits (dBuV/m)			
Frequency (MHz)	Distance (m)	Peak (dBuV/m)	Average (dBuV/m)
Above 1000	3	74	54

Remark:

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

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 and 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	5 th 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.

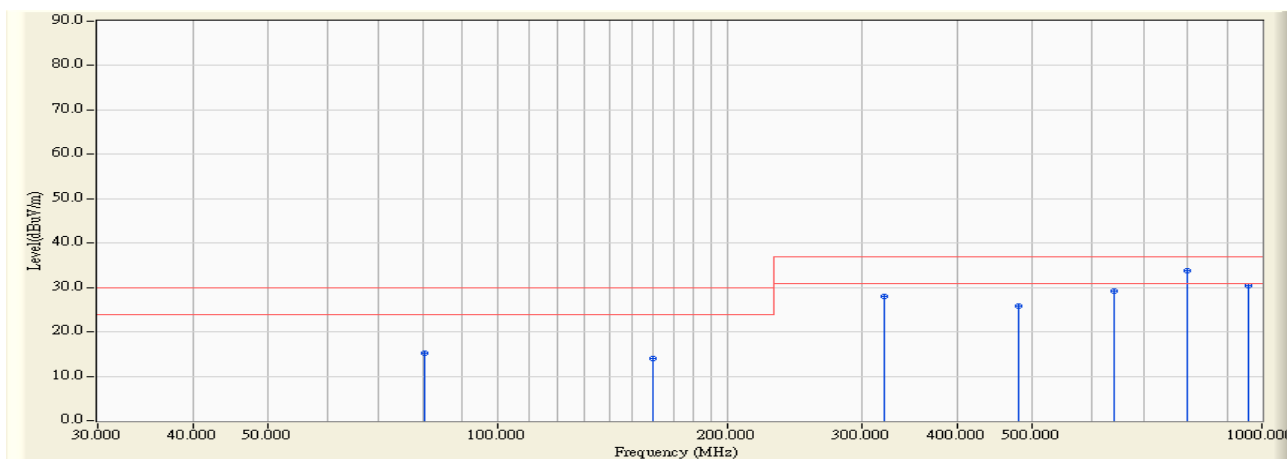
For class A, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and 3 meters for above 1GHz.

For class B, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and 3 meters for above 1GHz.

The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCS 30) is 120 kHz and above 1GHz is 1MHz.

4.5. Test Result

Site : Site2	Time : 2013/08/23 - 10:55
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - HORIZONTAL	Power : DC3.7V (Power by battery)
EUT : Scanner	Note : Mode 1: Scan to SD

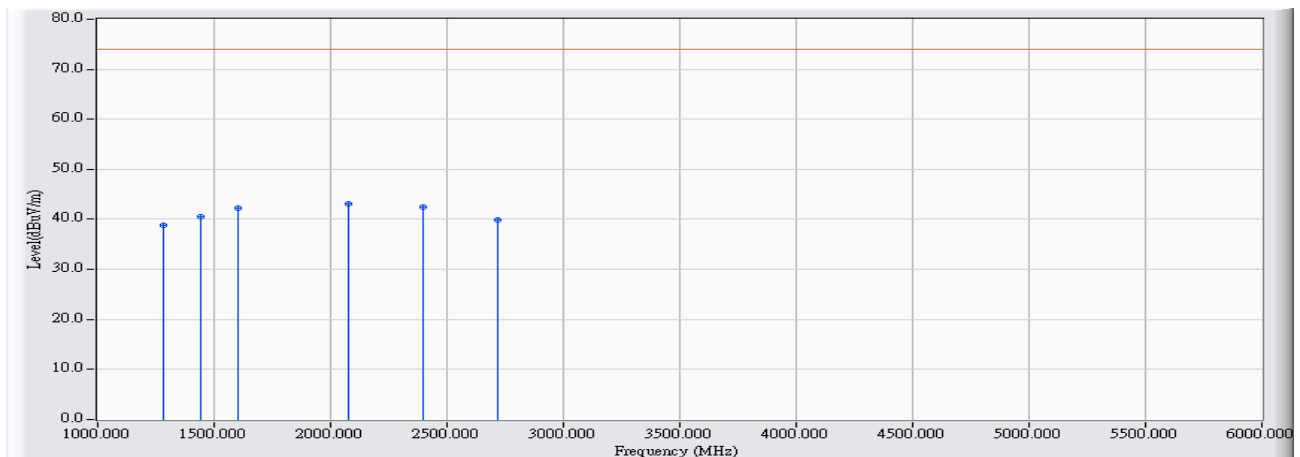


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.375	11.159	3.930	15.089	-14.911	30.000	QUASIPeAK
2		160.000	13.675	0.300	13.975	-16.025	30.000	QUASIPeAK
3		320.025	17.977	9.960	27.937	-9.063	37.000	QUASIPeAK
4		480.050	22.528	3.400	25.928	-11.072	37.000	QUASIPeAK
5		640.050	25.403	3.900	29.303	-7.697	37.000	QUASIPeAK
6	*	800.075	27.880	6.000	33.880	-3.120	37.000	QUASIPeAK
7		960.010	30.240	0.200	30.440	-6.560	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/09/16 - 17:13
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - HORIZONTAL	Power : DC3.7V (Power by battery)
EUT : Scanner	Note : Mode 1: Scan to SD

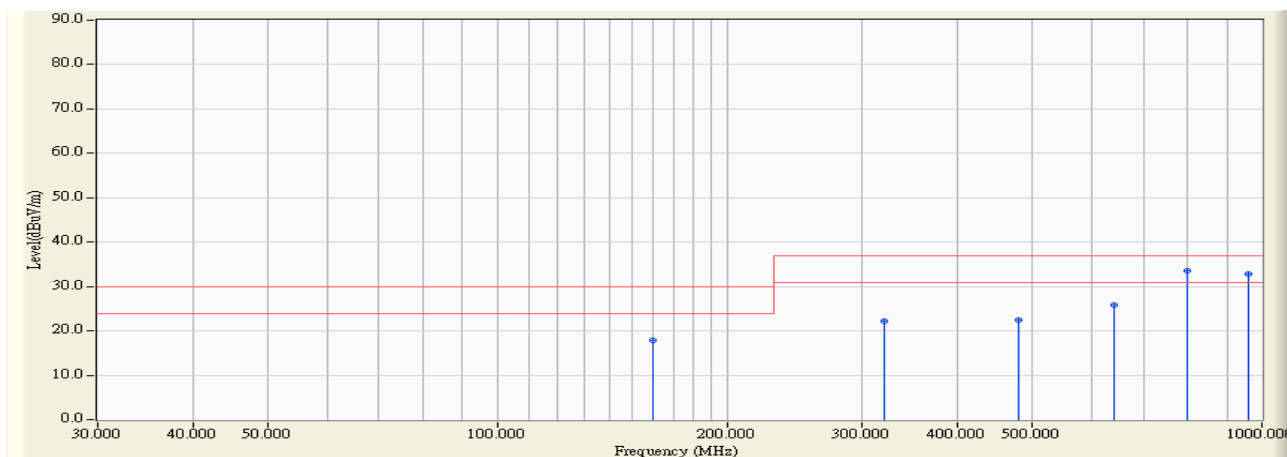


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1280.000	-8.043	46.905	38.862	-35.138	74.000	PEAK
2		1440.000	-7.361	47.946	40.585	-33.415	74.000	PEAK
3		1600.000	-6.756	48.958	42.202	-31.798	74.000	PEAK
4	*	2080.000	-5.133	48.203	43.070	-30.930	74.000	PEAK
5		2400.000	-4.305	46.820	42.515	-31.485	74.000	PEAK
6		2720.000	-3.155	43.100	39.945	-34.055	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site2	Time : 2013/08/23 - 10:53
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - VERTICAL	Power : DC3.7V (Power by battery)
EUT : Scanner	Note : Mode 1: Scan to SD

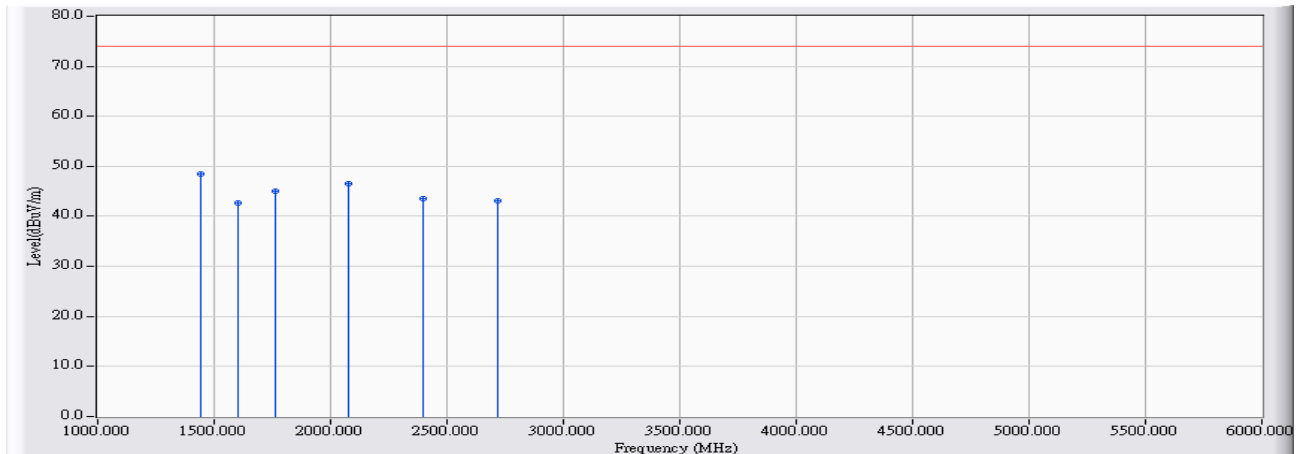


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		160.000	13.675	4.100	17.775	-12.225	30.000	QUASIPeAK
2		320.025	17.977	4.280	22.257	-14.743	37.000	QUASIPeAK
3		480.050	22.528	0.000	22.528	-14.472	37.000	QUASIPeAK
4		640.050	25.403	0.520	25.923	-11.077	37.000	QUASIPeAK
5	*	800.078	27.880	5.760	33.640	-3.360	37.000	QUASIPeAK
6		960.095	31.201	1.500	32.700	-4.300	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/09/16 - 17:17
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - VERTICAL	Power : DC3.7V (Power by battery)
EUT : Scanner	Note : Mode 1: Scan to SD

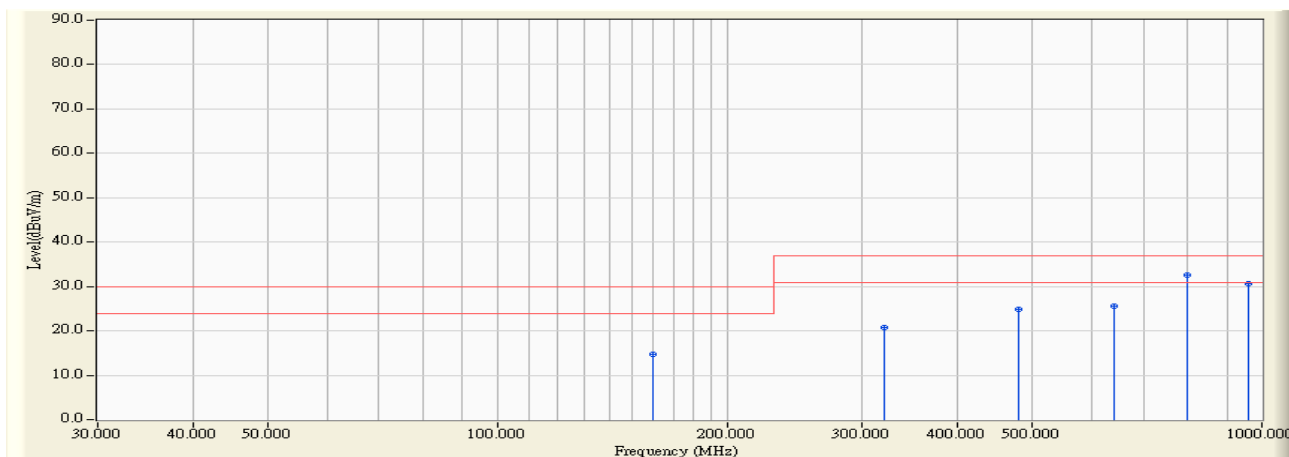


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	1440.000	-7.361	55.821	48.460	-25.540	74.000	PEAK
2		1600.000	-6.756	49.486	42.730	-31.270	74.000	PEAK
3		1760.000	-6.193	51.259	45.066	-28.934	74.000	PEAK
4		2080.000	-5.133	51.742	46.609	-27.391	74.000	PEAK
5		2400.000	-4.305	47.904	43.599	-30.401	74.000	PEAK
6		2720.000	-3.155	46.209	43.054	-30.946	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site2	Time : 2013/08/23 - 14:23
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - HORIZONTAL	Power : DC3.7V (Power by battery)
EUT : Scanner	Note : Mode 2: WiFi

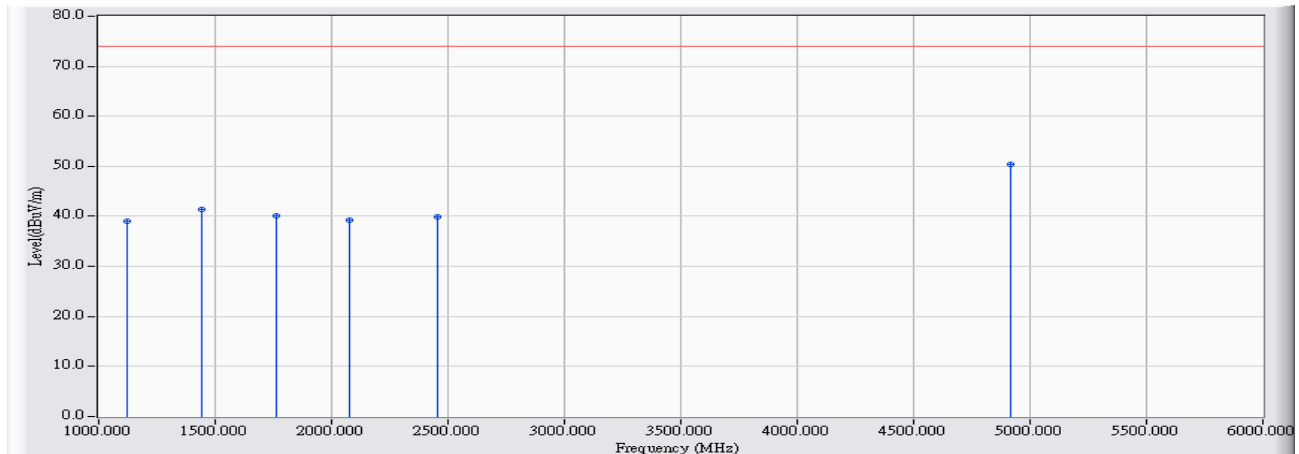


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		160.000	13.675	1.100	14.775	-15.225	30.000	QUASIPeAK
2		320.000	17.976	2.840	20.816	-16.184	37.000	QUASIPeAK
3		480.050	22.528	2.240	24.768	-12.232	37.000	QUASIPeAK
4		640.050	25.403	0.200	25.603	-11.397	37.000	QUASIPeAK
5	*	800.075	27.880	4.720	32.600	-4.400	37.000	QUASIPeAK
6		960.100	30.240	0.500	30.740	-6.260	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/09/16 - 17:23
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - HORIZONTAL	Power : DC3.7V (Power by battery)
EUT : Scanner	Note : Mode 2: WiFi

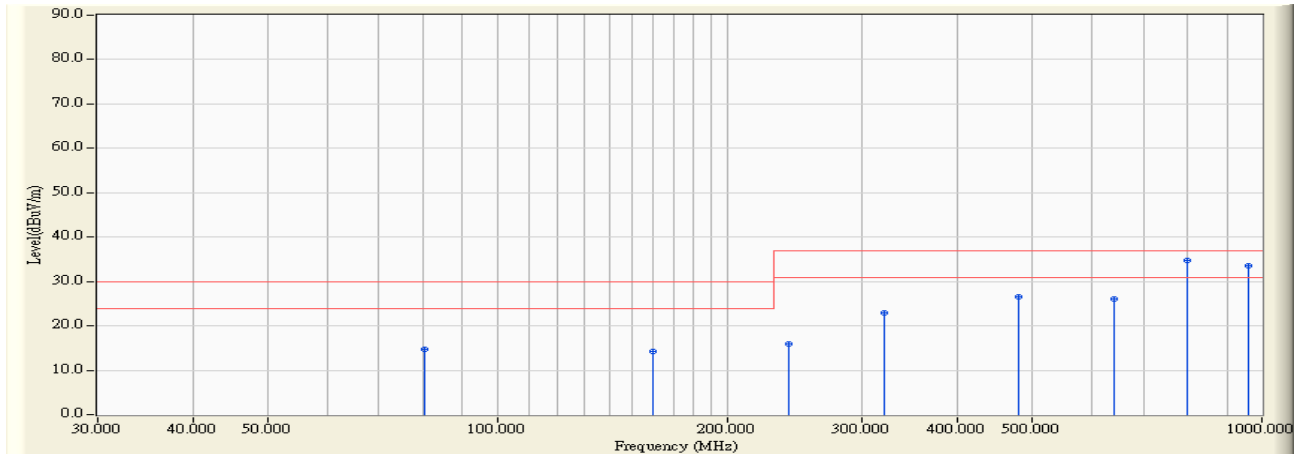


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1120.000	-8.724	47.768	39.044	-34.956	74.000	PEAK
2		1440.000	-7.361	48.657	41.296	-32.704	74.000	PEAK
3		1760.000	-6.193	46.209	40.016	-33.984	74.000	PEAK
4		2080.000	-5.133	44.377	39.244	-34.756	74.000	PEAK
5		2455.000	-4.163	44.061	39.898	-34.102	74.000	PEAK
6	*	4915.000	2.486	48.010	50.496	-23.504	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site2	Time : 2013/08/23 - 13:18
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - VERTICAL	Power : DC3.7V (Power by battery)
EUT : Scanner	Note : Mode 2: WiFi

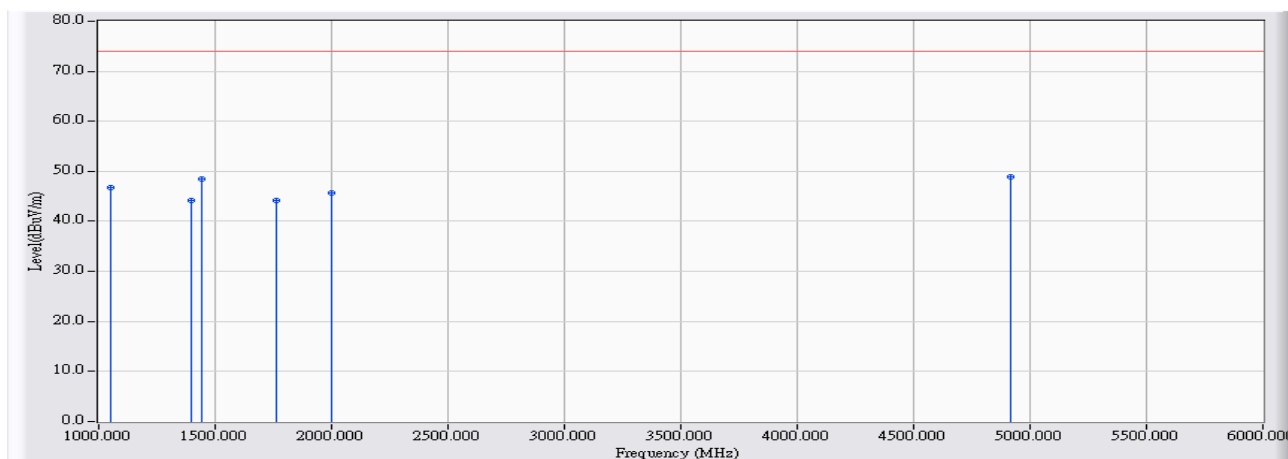


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.375	11.159	3.530	14.689	-15.311	30.000	QUASIPeAK
2		160.000	13.675	0.600	14.275	-15.725	30.000	QUASIPeAK
3		240.000	15.670	0.300	15.970	-21.030	37.000	QUASIPeAK
4		320.025	17.977	4.960	22.937	-14.063	37.000	QUASIPeAK
5		480.050	22.528	4.080	26.608	-10.392	37.000	QUASIPeAK
6		640.050	25.403	0.540	25.943	-11.057	37.000	QUASIPeAK
7	*	800.075	27.880	6.820	34.700	-2.300	37.000	QUASIPeAK
8		960.100	31.201	2.220	33.421	-3.579	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/09/16 - 17:27
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - VERTICAL	Power : DC3.7V (Power by battery)
EUT : Scanner	Note : Mode 2: WiFi

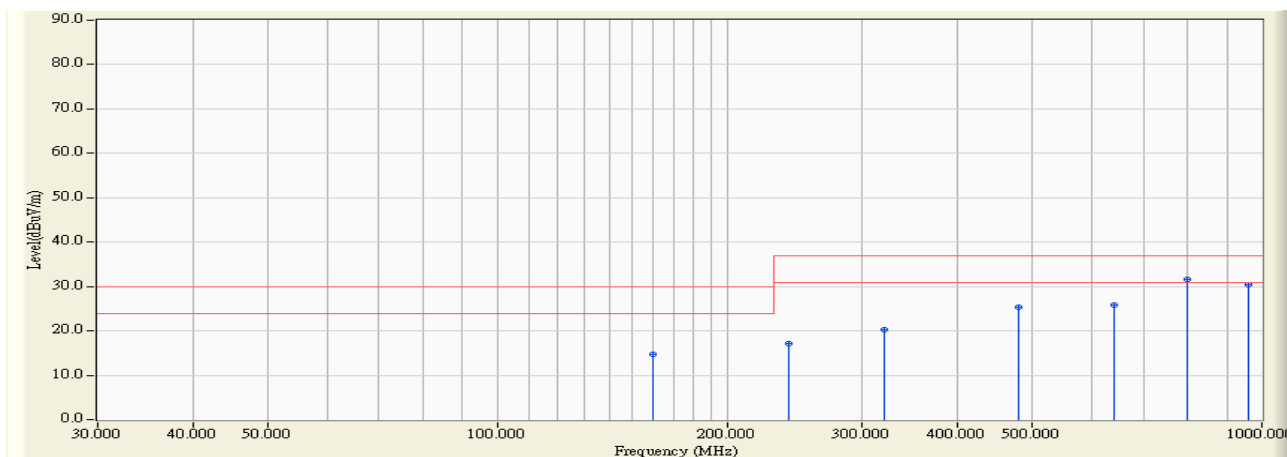


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1050.000	-9.022	55.858	46.836	-27.164	74.000	PEAK
2		1395.000	-7.553	51.812	44.259	-29.741	74.000	PEAK
3		1440.000	-7.361	55.892	48.531	-25.469	74.000	PEAK
4		1760.000	-6.193	50.312	44.119	-29.881	74.000	PEAK
5		2000.000	-5.345	51.053	45.709	-28.291	74.000	PEAK
6	*	4915.000	2.486	46.334	48.820	-25.180	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site2	Time : 2013/08/23 - 14:24
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 3: Read

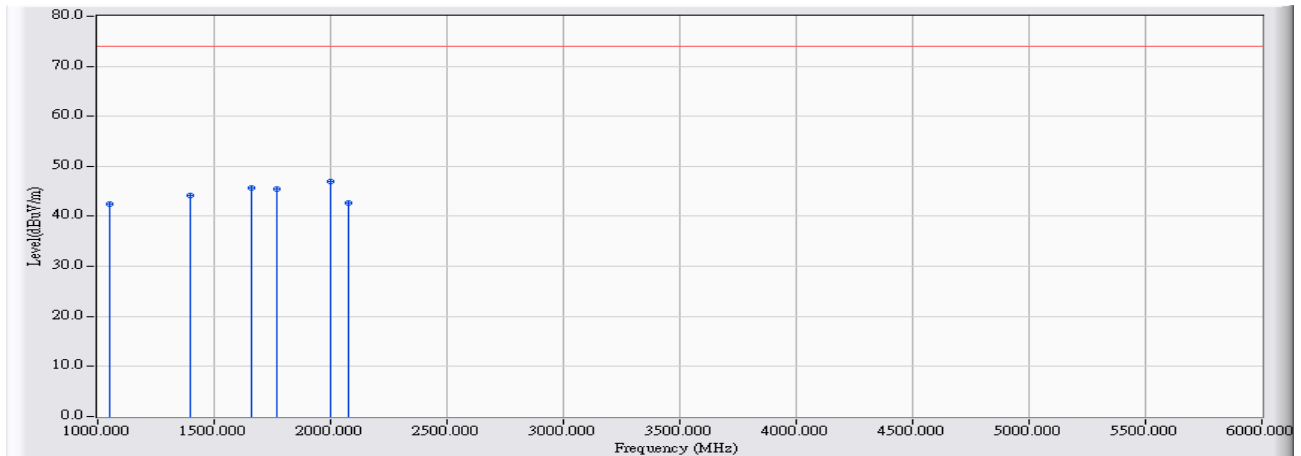


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		160.000	13.675	1.120	14.795	-15.205	30.000	QUASIPeAK
2		240.000	15.670	1.470	17.140	-19.860	37.000	QUASIPeAK
3		320.000	17.976	2.300	20.276	-16.724	37.000	QUASIPeAK
4		480.050	22.528	2.780	25.308	-11.692	37.000	QUASIPeAK
5		640.000	25.402	0.300	25.702	-11.298	37.000	QUASIPeAK
6	*	800.075	27.880	3.640	31.520	-5.480	37.000	QUASIPeAK
7		960.010	30.240	0.200	30.440	-6.560	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/08/27 - 14:30
Limit : CISPR_22_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 3: Read

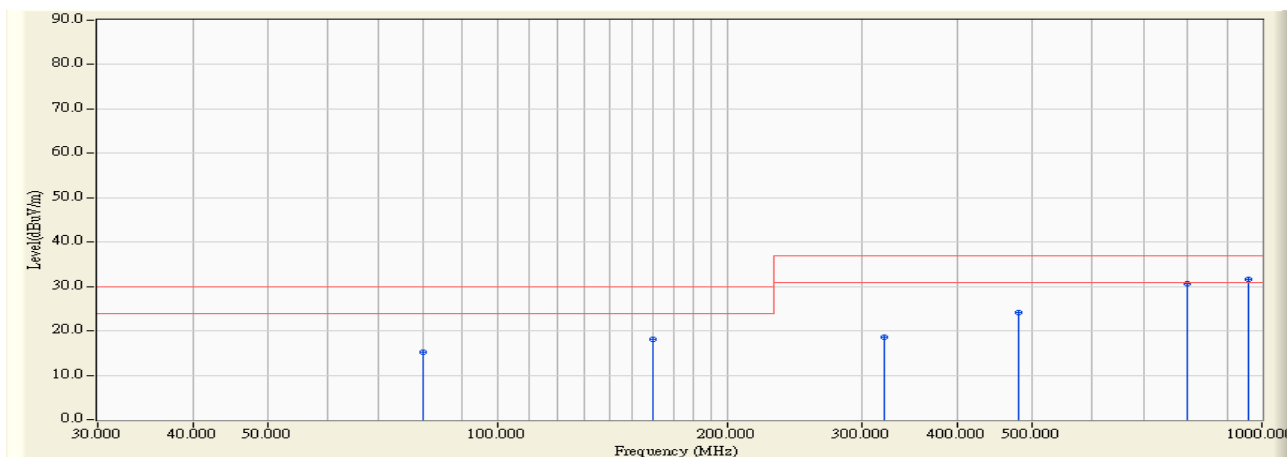


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1050.000	-9.022	51.555	42.533	-31.467	74.000	PEAK
2		1400.000	-7.531	51.608	44.077	-29.923	74.000	PEAK
3		1660.000	-6.545	52.133	45.588	-28.412	74.000	PEAK
4		1770.000	-6.158	51.617	45.459	-28.541	74.000	PEAK
5	*	2000.000	-5.345	52.254	46.910	-27.090	74.000	PEAK
6		2080.000	-5.133	47.791	42.658	-31.342	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site2	Time : 2013/08/23 - 14:23
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - VERTICAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 3: Read

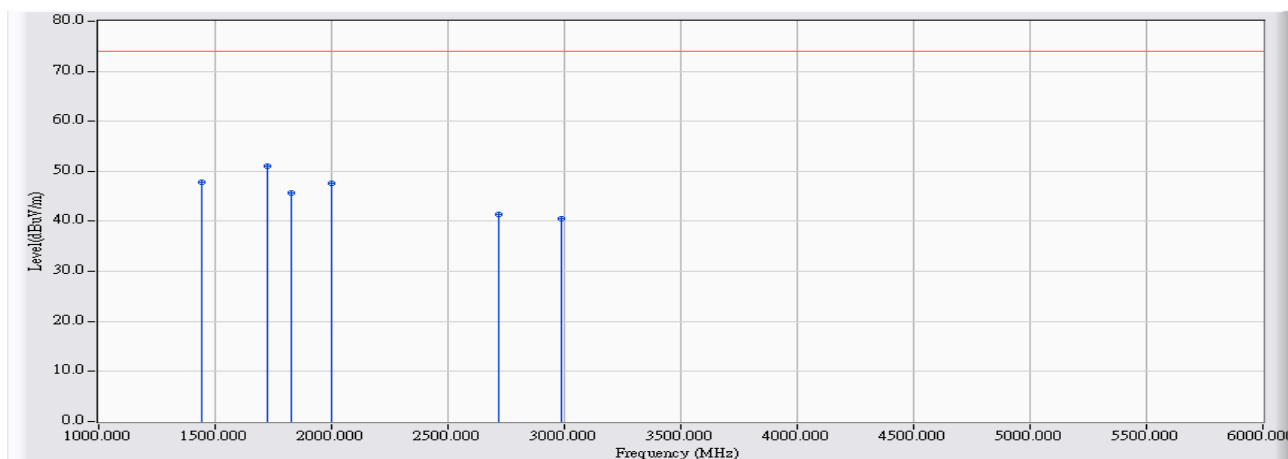


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		79.875	11.073	4.140	15.213	-14.787	30.000	QUASIPeAK
2		160.000	13.675	4.440	18.115	-11.885	30.000	QUASIPeAK
3		320.025	17.977	0.600	18.577	-18.423	37.000	QUASIPeAK
4		480.050	22.528	1.600	24.128	-12.872	37.000	QUASIPeAK
5		800.075	27.880	2.680	30.560	-6.440	37.000	QUASIPeAK
6	*	960.100	31.201	0.340	31.541	-5.459	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/08/27 - 14:21
Limit : CISPR_22_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 3: Read

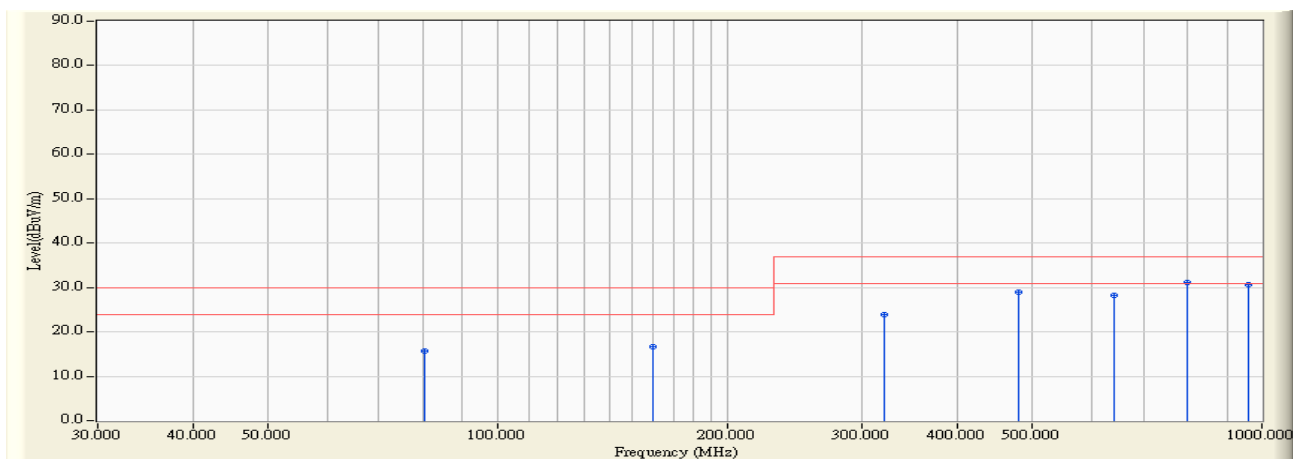


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1440.000	-7.361	55.165	47.804	-26.196	74.000	PEAK
2	*	1725.000	-6.317	57.305	50.988	-23.012	74.000	PEAK
3		1830.000	-5.947	51.565	45.618	-28.382	74.000	PEAK
4		2000.000	-5.345	53.044	47.700	-26.300	74.000	PEAK
5		2720.000	-3.155	44.596	41.441	-32.559	74.000	PEAK
6		2990.000	-2.069	42.644	40.575	-33.425	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site2	Time : 2013/08/23 - 15:39
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 4: Scan to PC

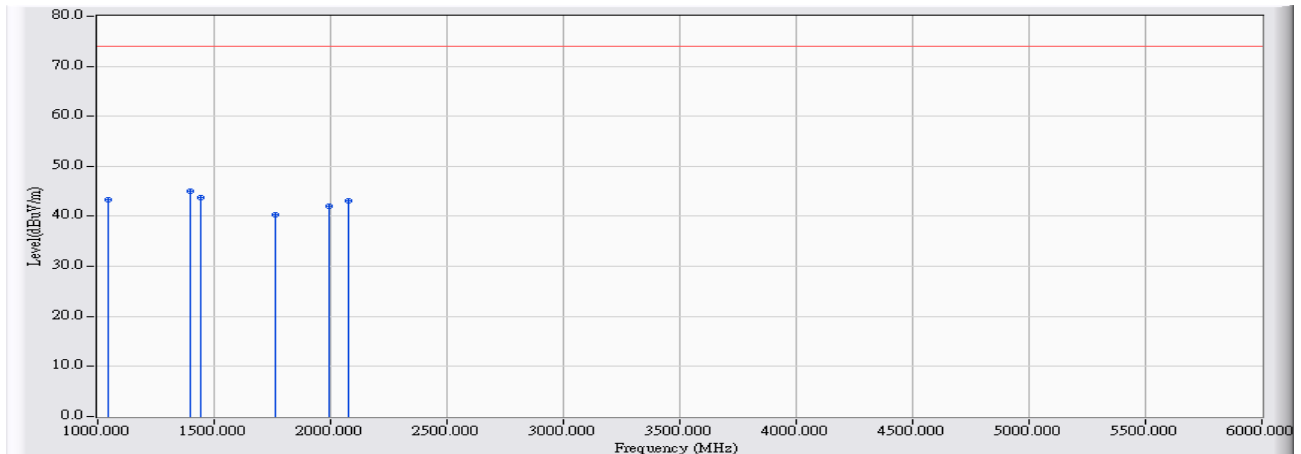


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		80.375	11.159	4.610	15.769	-14.231	30.000	QUASIPeAK
2		160.000	13.675	2.960	16.635	-13.365	30.000	QUASIPeAK
3		320.025	17.977	5.940	23.917	-13.083	37.000	QUASIPeAK
4		480.050	22.528	6.320	28.848	-8.152	37.000	QUASIPeAK
5		640.050	25.403	2.900	28.303	-8.697	37.000	QUASIPeAK
6	*	800.075	27.880	3.180	31.060	-5.940	37.000	QUASIPeAK
7		960.090	30.241	0.300	30.540	-6.460	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/08/27 - 14:42
Limit : CISPR_22_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 4: Scan to PC

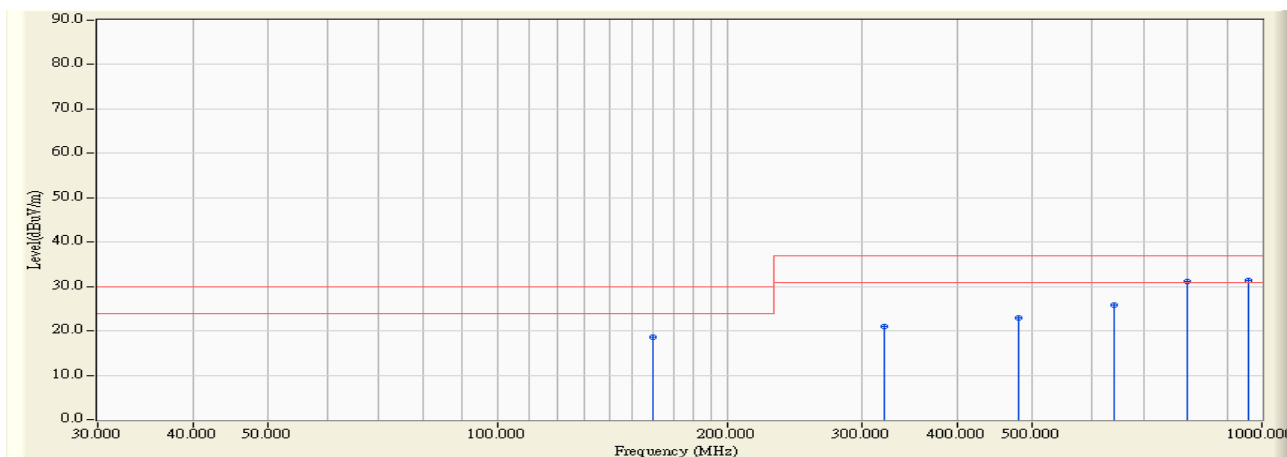


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1045.000	-9.043	52.348	43.305	-30.695	74.000	PEAK
2	*	1400.000	-7.531	52.581	45.050	-28.950	74.000	PEAK
3		1440.000	-7.361	51.193	43.832	-30.168	74.000	PEAK
4		1760.000	-6.193	46.416	40.223	-33.777	74.000	PEAK
5		1995.000	-5.364	47.508	42.144	-31.856	74.000	PEAK
6		2080.000	-5.133	48.282	43.149	-30.851	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site2	Time : 2013/08/23 - 15:22
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - VERTICAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 4: Scan to PC

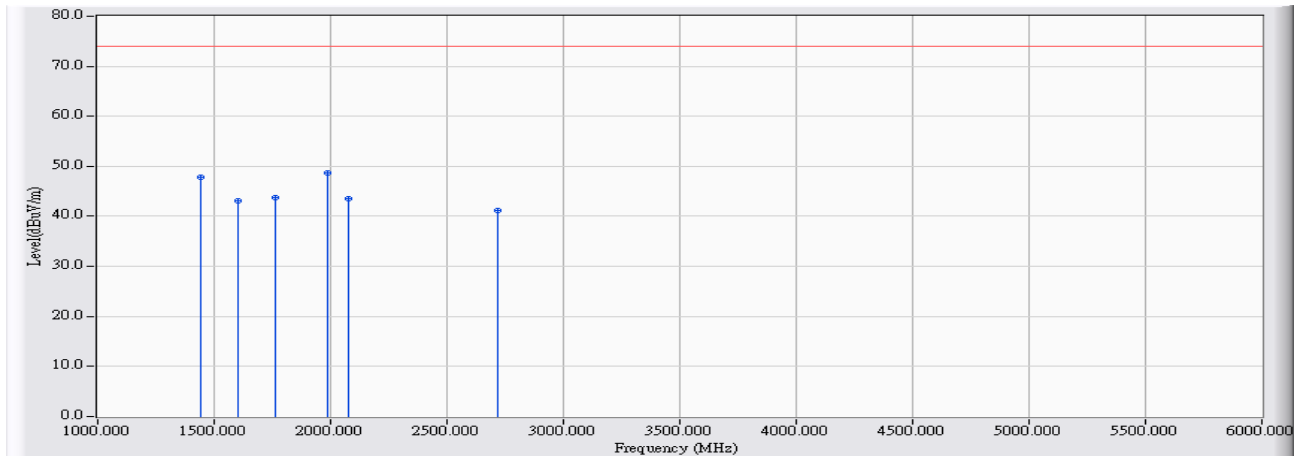


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		160.000	13.675	4.840	18.515	-11.485	30.000	QUASIPeAK
2		320.025	17.977	2.920	20.897	-16.103	37.000	QUASIPeAK
3		480.050	22.528	0.300	22.828	-14.172	37.000	QUASIPeAK
4		640.050	25.403	0.300	25.703	-11.297	37.000	QUASIPeAK
5		800.075	27.880	3.180	31.060	-5.940	37.000	QUASIPeAK
6	*	960.000	31.195	0.200	31.395	-5.605	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/08/27 - 14:35
Limit : CISPR_22_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 4: Scan to PC

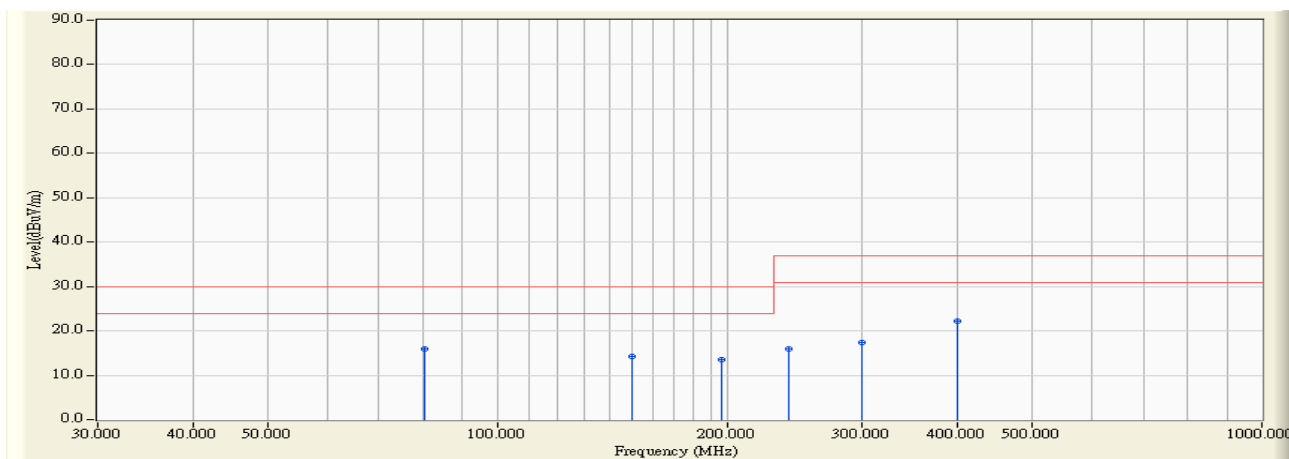


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1440.000	-7.361	55.236	47.875	-26.125	74.000	PEAK
2		1600.000	-6.756	49.773	43.017	-30.983	74.000	PEAK
3		1760.000	-6.193	49.913	43.720	-30.280	74.000	PEAK
4	*	1990.000	-5.383	53.991	48.608	-25.392	74.000	PEAK
5		2080.000	-5.133	48.692	43.559	-30.441	74.000	PEAK
6		2720.000	-3.155	44.376	41.221	-32.779	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site2	Time : 2013/08/23 - 14:46
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 5: Charge

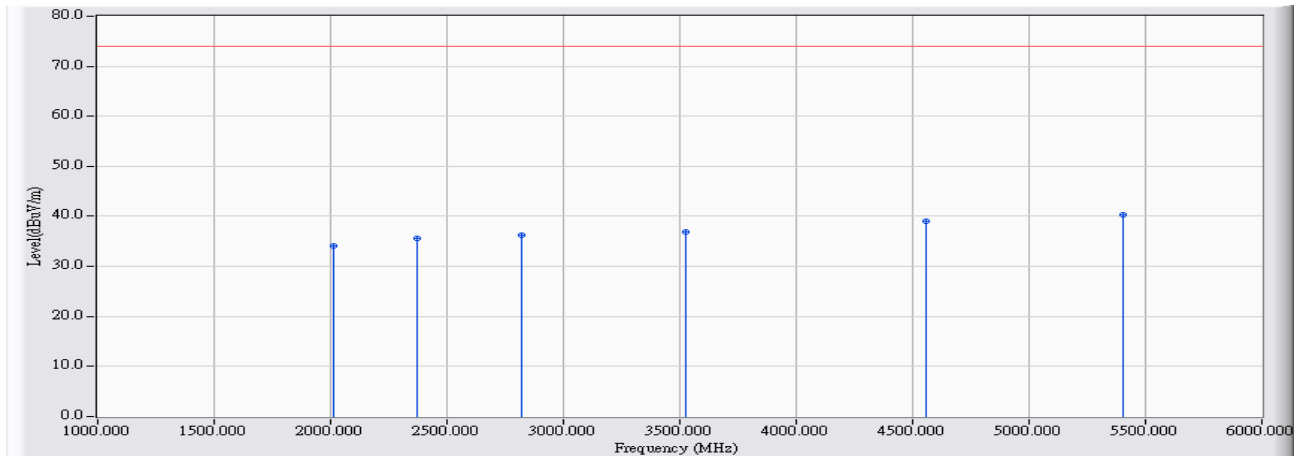


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	80.375	11.159	4.650	15.809	-14.191	30.000	QUASIPeAK
2		150.000	14.033	0.300	14.333	-15.667	30.000	QUASIPeAK
3		196.600	13.012	0.390	13.402	-16.598	30.000	QUASIPeAK
4		240.000	15.670	0.200	15.870	-21.130	37.000	QUASIPeAK
5		300.000	17.082	0.300	17.382	-19.618	37.000	QUASIPeAK
6		400.000	21.572	0.600	22.172	-14.828	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/08/27 - 14:51
Limit : CISPR_22_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 5: Charge

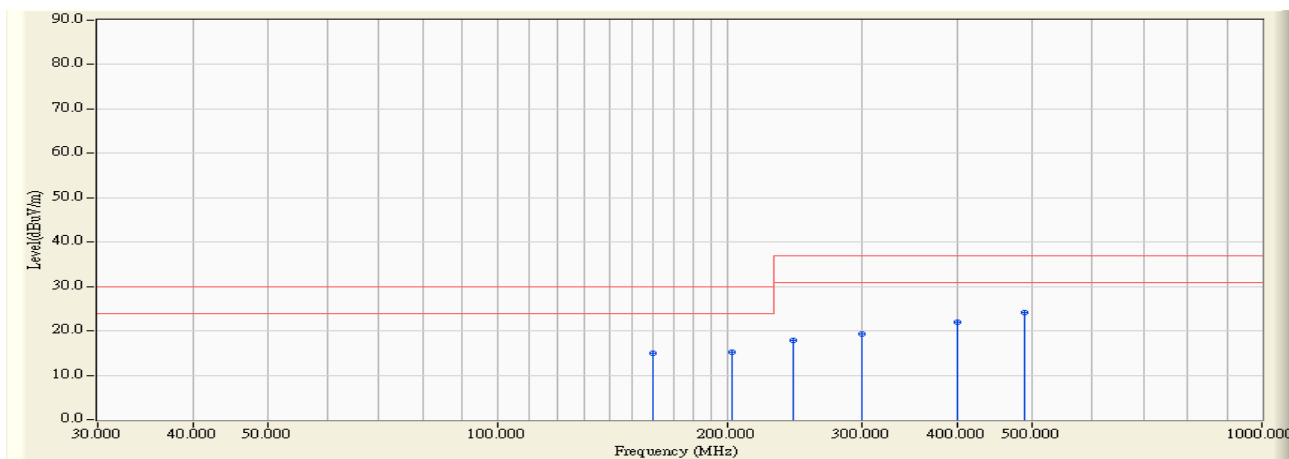


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2015.000	-5.301	39.351	34.050	-39.950	74.000	PEAK
2		2370.000	-4.383	39.929	35.546	-38.454	74.000	PEAK
3		2820.000	-2.752	39.089	36.337	-37.663	74.000	PEAK
4		3525.000	-1.505	38.419	36.914	-37.086	74.000	PEAK
5		4560.000	1.408	37.580	38.988	-35.012	74.000	PEAK
6	*	5405.000	3.525	36.698	40.223	-33.777	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Site : Site2	Time : 2013/08/23 - 14:52
Limit : CISPR_B_10M_QP	Margin : 6
Probe : SITE2_10M-3_0426 - VERTICAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 5: Charge

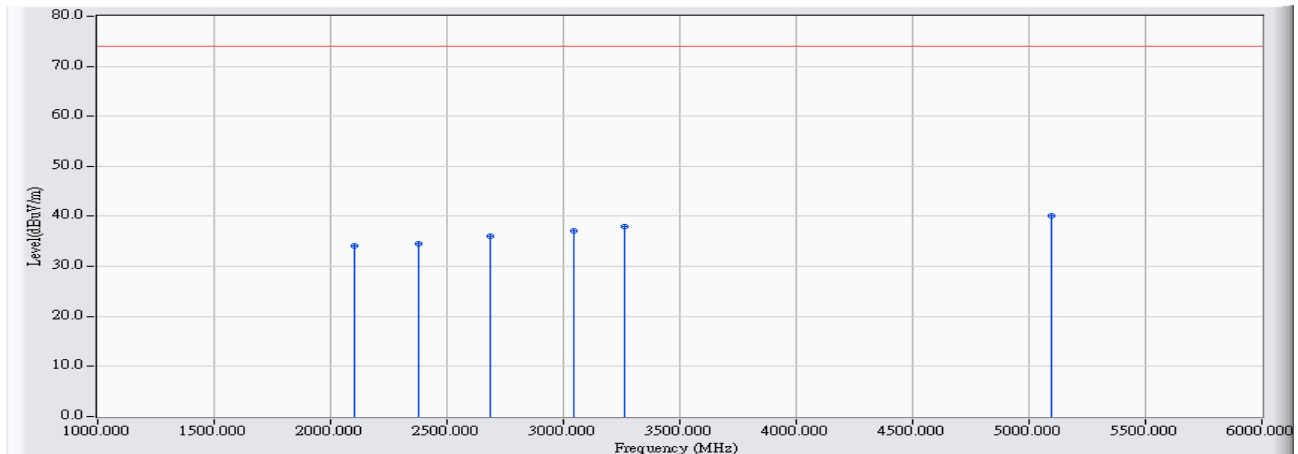


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		160.000	13.675	1.320	14.995	-15.005	30.000	QUASIPeAK
2		202.750	13.179	2.100	15.279	-14.721	30.000	QUASIPeAK
3		243.425	15.899	2.000	17.899	-19.101	37.000	QUASIPeAK
4		300.000	17.082	2.300	19.382	-17.618	37.000	QUASIPeAK
5		400.000	21.572	0.300	21.872	-15.128	37.000	QUASIPeAK
6	*	488.950	22.634	1.400	24.033	-12.967	37.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	Time : 2013/08/27 - 14:49
Limit : CISPR_22_B_(Above_1G)_3M_PK	Margin : 0
Probe : CB1_CISPR_22_B(above1G)-1_0901 - VERTICAL	Power : AC 120V/60Hz
EUT : Scanner	Note : Mode 5: Charge



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2105.000	-5.069	39.239	34.170	-39.830	74.000	PEAK
2		2375.000	-4.370	38.992	34.622	-39.378	74.000	PEAK
3		2685.000	-3.296	39.430	36.134	-37.866	74.000	PEAK
4		3045.000	-1.987	39.163	37.176	-36.824	74.000	PEAK
5		3260.000	-1.793	39.723	37.930	-36.070	74.000	PEAK
6	*	5095.000	2.927	37.251	40.178	-33.822	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

4.6. Test Photograph

Test Mode : Mode 1: Scan to SD

Description : Front View of Radiated Emission Test Setup



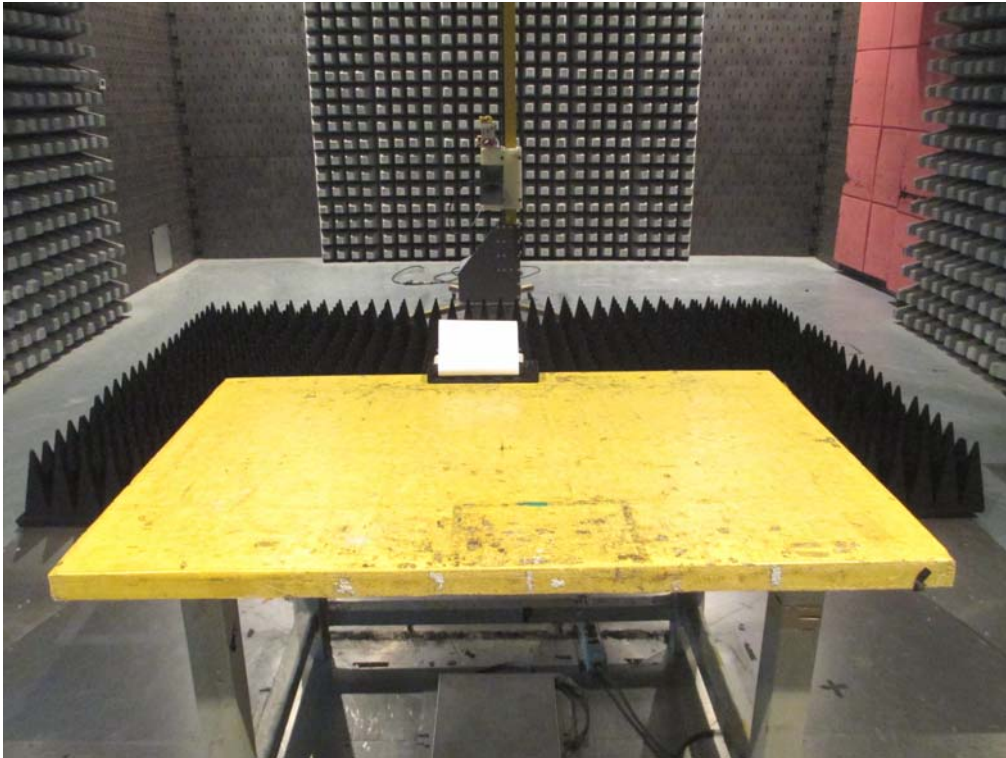
Test Mode : Mode 1: Scan to SD

Description : Back View of Radiated Emission Test Setup



Test Mode : Mode 1: Scan to SD

Description : Front View of Radiated Emission Test Setup-Horn



Test Mode : Mode 1: Scan to SD

Description : Back View of Radiated Emission Test Setup-Horn



Test Mode : Mode 2: WiFi

Description : Front View of Radiated Emission Test Setup



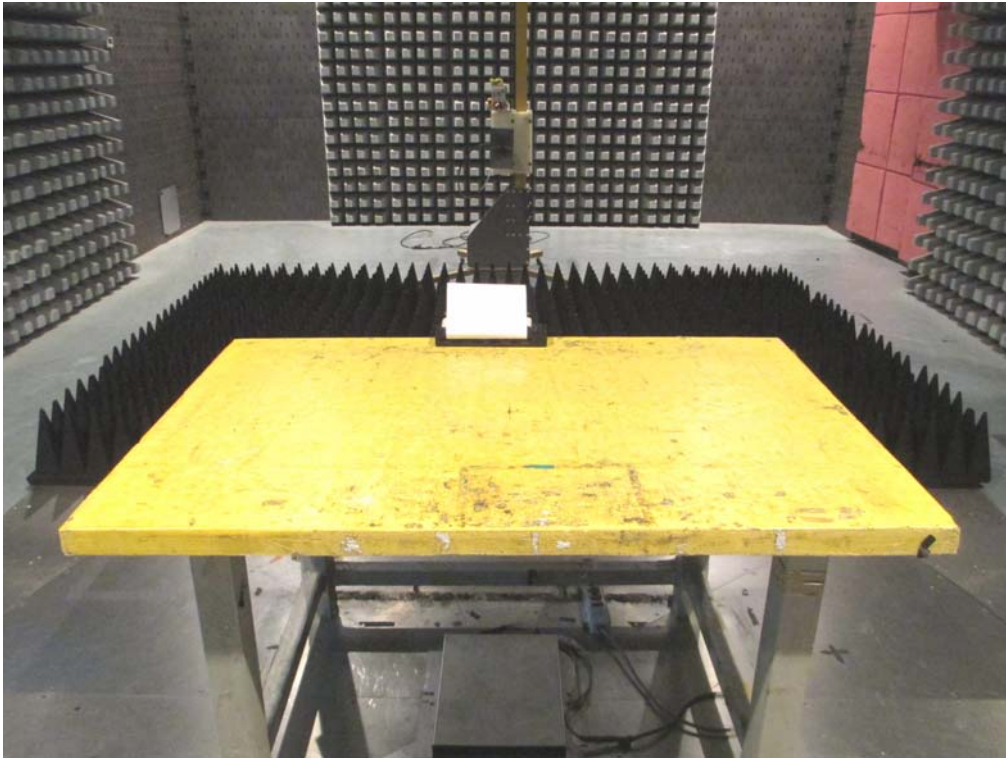
Test Mode : Mode 2: WiFi

Description : Back View of Radiated Emission Test Setup



Test Mode : Mode 2: WiFi

Description : Front View of Radiated Emission Test Setup-Horn



Test Mode : Mode 2: WiFi

Description : Back View of Radiated Emission Test Setup-Horn



Test Mode : Mode 3: Read

Description : Front View of Radiated Emission Test Setup



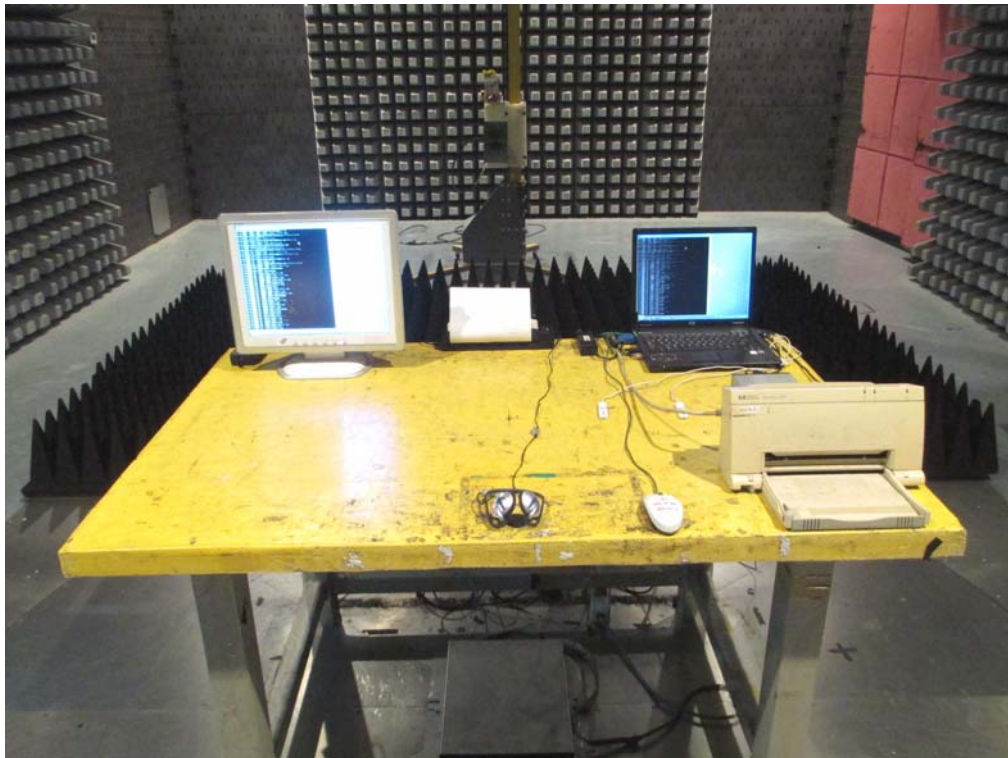
Test Mode : Mode 3: Read

Description : Back View of Radiated Emission Test Setup



Test Mode : Mode 3: Read

Description : Front View of Radiated Emission Test Setup-Horn



Test Mode : Mode 3: Read

Description : Back View of Radiated Emission Test Setup-Horn



Test Mode : Mode 4: Scan to PC

Description : Front View of Radiated Emission Test Setup



Test Mode : Mode 4: Scan to PC

Description : Back View of Radiated Emission Test Setup



Test Mode : Mode 4: Scan to PC

Description : Front View of Radiated Emission Test Setup-Horn



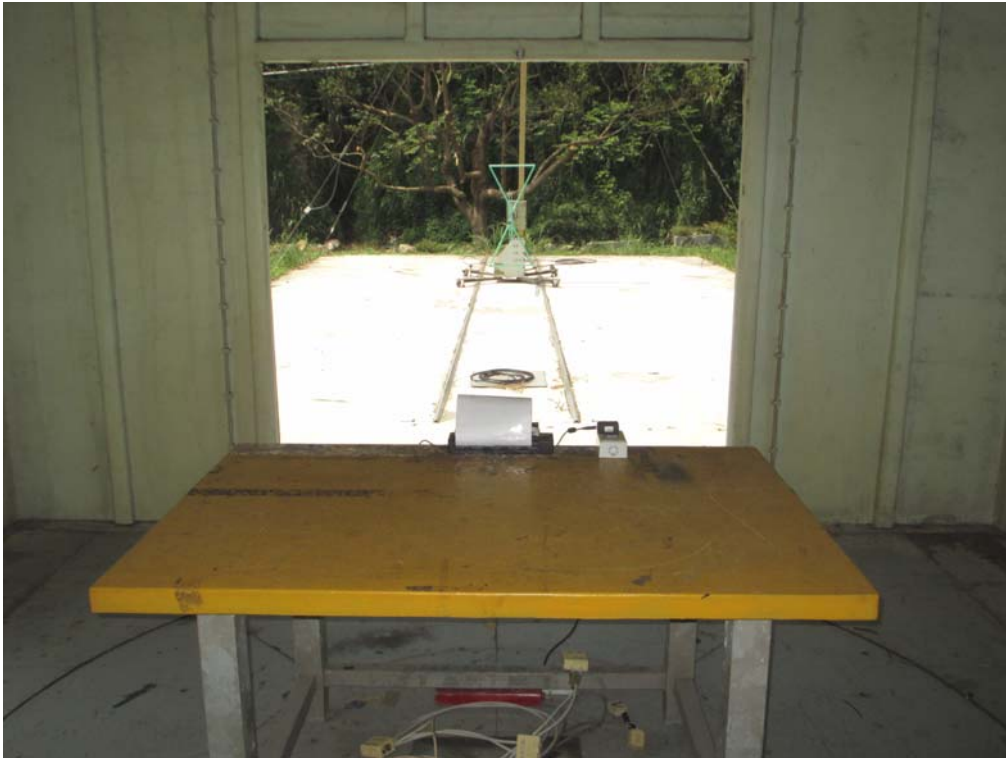
Test Mode : Mode 4: Scan to PC

Description : Back View of Radiated Emission Test Setup-Horn



Test Mode : Mode 5: Charge

Description : Front View of Radiated Emission Test Setup-Horn



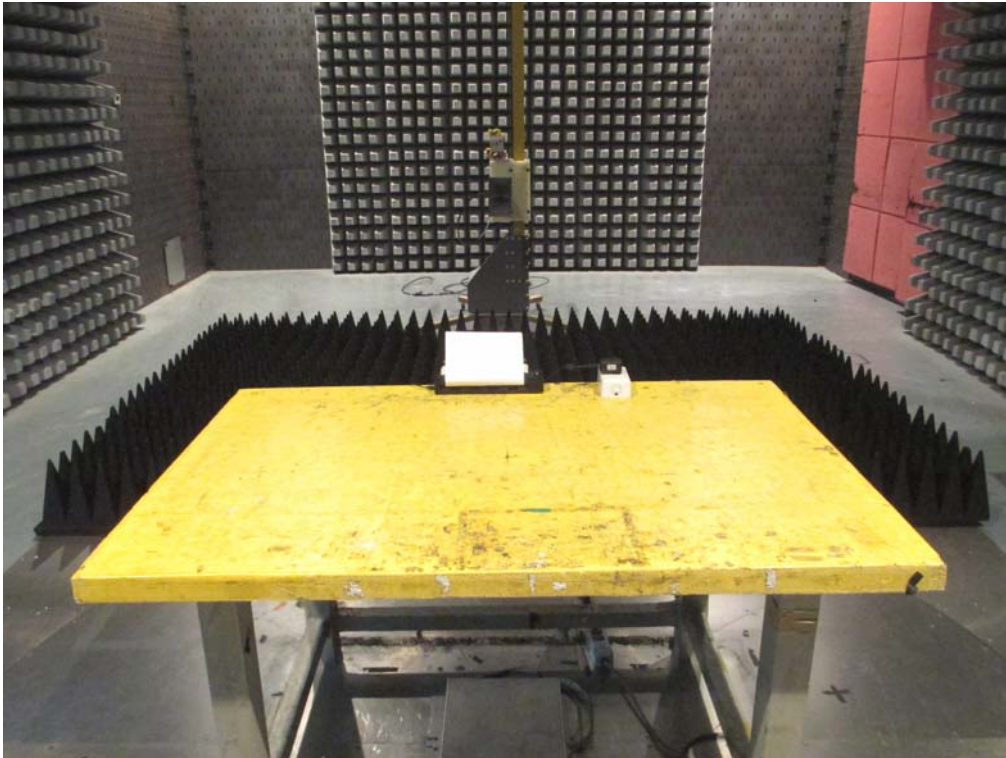
Test Mode : Mode 5: Charge

Description : Back View of Radiated Emission Test Setup-Horn



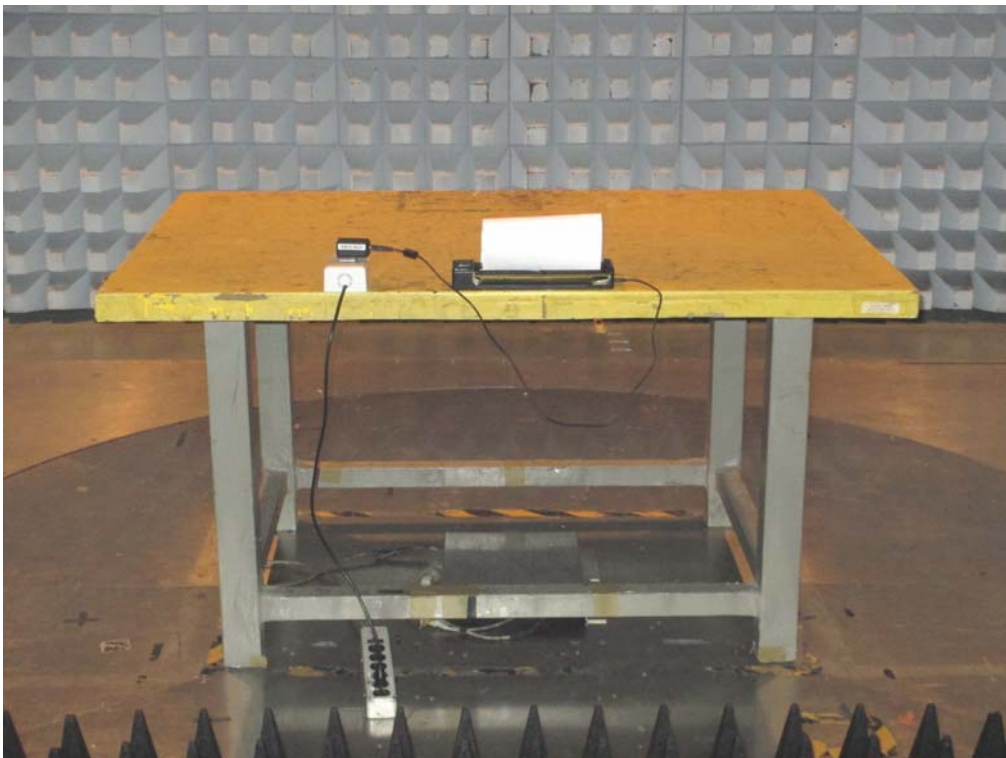
Test Mode : Mode 5: Charge

Description : Front View of Radiated Emission Test Setup-Horn



Test Mode : Mode 5: Charge

Description : Back View of Radiated Emission Test Setup-Horn



5. Attachment**➤ EUT Photograph**

(1) EUT Photo



(2) EUT Photo



(3) EUT Photo

