FCC Test Report

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

Product Name ： Notebook P.C.

Model No. ： X750J,F750J,K750J,R751J,A750J

Applicant ： ASUSTeK COMPUTER INC.

Address ： 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt ： 2013/03/08

Issued Date ： 2013/03/27

Report No. ： 133199R-ITUSP02V02

Report Version ： V1.0

Testing Laboratory
0914

Test Report Certification

Issued Date : 2013/03/27
Report No. : 133199R-ITUSP02V02

Product Name	:	Notebook P.C.
Applicant	:	ASUSTeK COMPUTER INC.
Address	:	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer	:	1.Protek (Shanghai) Limited 2.PEGATRON CORPORATION Taoyuan Mfg 3.COTEK ELECTRONICS(Suzhou)Co.,Ltd 4.MAINTEK Computer (Suzhou) Co.,Ltd 5.Digitek (Chongqing) Limited
Model No.	:	X750J,F750J,K750J,R751J,A750J
EUT Rated Voltage	:	19Vdc, 4.74A 19Vdc, 6.32A
EUT Test Voltage	:	AC 120 V / 60 Hz
Trade Name	:	ASUS
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart B: 2011, Class B CISPR 22: 2008, ANSI C63.4: 2009 ICES-003 Issue 5: 2012 Class B
Test Result	:	Complied
Performed Location	:	Quietek Corporation (Linkou Laboratory) No.5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan, R.O.C. TEL:+866-2-8601-3788 / FAX:+886-2-8601-3789

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Approved By :
(Manager / Vincent Lin)

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**
Norway	**:**	**Nemko, DNV**
USA	**:**	**FCC, NVLAP**
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:

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NVLAP Lab Code: 200533-0

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1. General Information

1.1. EUT Description

Product Name	Notebook P.C.
Trade Name	ASUS
Model No.	X750J,F750J,K750J,R751J,A750J

Component	
Power Adapter (1)	MFR: DELTA, M/N: ADP-90YD B Input: AC 100-240V, 50-60Hz 1.5A Output: DC 19V⎓4.74A Cable Out: Non-Shielded, 1.8m
Power Adapter (2)	MFR: ENERTRONIX, M/N: EXA1202YH Input: AC 100-240V, 50-60Hz 1.5A Output: DC 19V⎓4.74A Cable Out: Non-Shielded, 1.8m
Power Adapter (3)	MFR: DELTA, M/N: ADP-120RH B Input: AC 100-240V, 50-60Hz 2.0A Output: DC 19V⎓6.32A Cable Out: Non-Shielded, 1.8m
Power Adapter (4)	MFR: LITEON, M/N: PA-1121-28 Input: AC 100-240V, 50-60Hz 2.0A Output: DC 19V⎓6.32A Cable Out: Non-Shielded, 1.8m

Note: The EUT is including five models for different marketing requirement.

Keyparts List				
Vendor	**Vendor**	**Model Name**		**Description**
Motherboard	--	X750JB		--
CPU (BGA1364)	Intel	INT HASWELL		2.1G/6M QDW1 37W,CPU CL8064701489400 926521 PQS
	Intel	I7-4702HQ		2.2G/6M QEJM 37W,CPU CL8064701470403 928044 QS
	Intel	I7-4700MQ		2.4G/6M QDMC 47W, CPU CW8064701470702 926054 QS
2G SO-DIMM DDR3 1600	Hynix	HMT325S6EFR8A-PB		DDR3 1600 SO-D 2GB 204P
	SAMSUNG	M471B5773CHS-YK0		DDR3 1600 SO-D 2GB 204P
4G SO-DIMM DDR3 1600	Hynix	HMT451S6AFR8A-PB		DDR3 1600 SO-D 4GB 204P
	Kingston	ASU16D3LS1KBG		DDR3 1600 SO-D 4GB 204P
	SAMSUNG	M471B5273CH0-YK0		DDR3 1600 SO-D 4GB 204P
8G SO-DIMM DDR3 1600	ELPIDA	EBJ81UG8EFU0-GNL-F		DDR3 1600 SO-D 8GB 204P
	Hynix	HMT41GS6AFR8A-PB		DDR3 1600 SO-D 8GB 204P
LCD 17.3" HD(5.8mm)	AUO	B173RW01 V.4 (H/W:0A)		LCD TFT 17.3' HD+ (LED)
	CMI	N173FGE-L23		LCD TFT 17.3' HD+ GLARE (LED)
	SAMSUNG	LTN173KT02		LCD TFT 17.3' HD+ GLARE (LED)
	LGD	LP173WD1-TLG1		LCD 17.3' HD+ GLARE (LED)
	AUO	B173RW01 V.5 (H/W:0A)		LCD TFT 17.3' HD+ GLARE (LED)
2.5" SATA HDD				
320G, 5400 rpm	HGST	HTS543232A7A384	7mm	SATA EAGLE-B7 320GB 5400R 2.5'
	HGST	HTS545032A7E680	7mm	SATA3 JAGUAR-B7 320G 5400R 2.5
	SEAGATE	ST320LT012	7mm	SATA YARRA 320G 5400R 2.5'
500G, 5400 rpm	SEAGATE	ST500LT012	7mm	SATA YARRA 500G 5400R 2.5'
	HGST	HTS545050A7E680	7mm	SATA3 JAGUAR-B7 500G 5400R 2.5
	TOSHIBA	MQ01ABD050	9.5mm	SATA3 AQUARIUS-B 500G 5400R
	SEAGATE	ST500LM012	9.5mm	SATA M8 BP1 500G 5400R 2.5'
750G, 5400 rpm	HGST	HTS541075A9E680	9.5mm	SATA3 JAGUAR-B 750G 5400R 2.5'
	SEAGATE	ST750LM022	9.5mm	SATA M8 BP1 750G 5400R 2.5'

1TB, 5400 rpm		SEAGATE	ST1000LM024	9.5mm	SATA M8 1TB 5400R 2.5'
		HGST	HTS541010A9E680	9.5mm	SATA3 JAGUAR-B 1TB 5400R 2.5'
500G, 7200 rpm		HGST	HTS725050A7E630	7mm	SATA3 JAGUAR-C7 500G 7200R 2.5
750G, 7200 rpm		HGST	HTS727575A9E364	9.5mm	SATA JET-C 750GB 7200R 2.5'
12.5" SATA ODD		PANASONIC	UJ8C2SBAL1-W	SMD (9.0mm)	DVD S-MULTI DL 8X/6X/8X6X/5X
		HLDS	GU71N	SMD (9.0mm)	DVD S-MULTI DL 8X/6X/8X6X/5X
		PLDS	DA-8A5SH	SMD (9.0mm)	DVD S-MULTI DL 8X/6X/8X6X/5X
		PIONEER	BDC-UD02AS	BD Combo (9.5mm)	BD COMBO 6X/4X/8X6X/5X/0X/0X
		PANASONIC	UJ162ABAL	BD Combo (9.5mm)	BD COMBO 5X/4X/8X6X/5X/0X/0X
Wifi only		Atheros	AR5B125		AZWAVE/AW-NE186H 2ANT.
					LITEON/WN6607AH-AD 2ANT.
Wifi+BT Combo		Atheros	AR5B225		AZWAVE/AW-NB097H/HALFCARD/5/51
		Ralink	RT3290		FOXCONN/T77Z371.00 2ANT.
Battery		Sanyo Energy (suzhou) Co Ltd	A41-X550E		14.4V, 3070mAh, 44Wh
		Simplo Technology Co Ltd	A41-X550E		15.0V, 2950mAh, 44Wh
Camera for Non touch		AZWAVE	AM-1H049		CAMERA HD FIX 3.3V D MIC CL
		LITEON	12P2SF138		CAMERA HD FIX 3.3V CL
		AZWAVE	AM-1H056		CAMERA HD FIX 3.3V ARRAYMIC CL
AC Adapter	90W	DELTA(ASUS)	ADP-90YD B		90W 19V (3PIN)
		ENERTRONIX (ASUS)	EXA1202YH		90W 19V (3PIN)
	120W	DELTA(ASUS)	ADP-120RH B		120W19V (3PIN)
		LITEON(ASUS)	PA-1121-28		120W19V (3PIN)

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 Mode 2 Mode 3 Mode 4 Mode 5 Mode 6 Mode 7	
Final Test Mode	
Emission	Mode 1 Mode 4 Mode 5 Mode 6 Mode 7

	Mode 1	Mode 2
Resolution	LCD+HDMI 1600*900/60Hz	LCD+HDMI 1600*900/60Hz
M/B	X750JB	X750JB
VRAM	N/A	N/A
CPU	Intel / INT HASWELL , 2.1GHz , 37W	Intel / INT HASWELL , 2.1GHz , 37W
Panel	SAMSUNG / LTN173KT02	SAMSUNG / LTN173KT02
HDD1	HGST / HTS545050A7E680	HGST / HTS545032A7E680
HDD2	SEAGATE / ST500LT012	HGST / HTS543232A7A384
RAM	DDR3 1600 / 2G+4G	DDR3 1600 / 2G+4G
ODD	PANASONIC / UJ162ABAL	PANASONIC / UJ162ABAL
CMOS	AZWAVE /AM-1H049	AZWAVE /AM-1H049
WLAN	Atheros / AR5B225 (AZWAVE/AW-NB097H)	Atheros / AR5B225 (AZWAVE/AW-NB097H)
Battery	Sanyo Energy (suzhou) Co Ltd A41-X550E	Sanyo Energy (suzhou) Co Ltd A41-X550E
Adapter	ENERTRONIX(ASUS) / EXA1202YH	DELTA(ASUS) / ADP-90YD B

	Mode 3	Mode 4
Resolution	LCD+D-SUB 1600*900/60Hz	LCD+D-SUB 1600*900/60Hz
M/B	X750JB	X750JB
VRAM	N/A	Micron / 2G
CPU	Intel / INT HASWELL , 2.1GHz , 37W	Intel / i7-4702HQ , 2.2GHz , 37W
Panel	LGD / LP173WD1-TLG1	CMI / N173FGE-L23
HDD1	TOSHIBA / MQ01ABD050	SEAGATE / ST1000LM024
HDD2	SEAGATE / ST320LT012	HGST / HTS725050A7E630
RAM	DDR3 1600 / 2G+4G	DDR3 1600 / 4G+4G
ODD	PANASONIC / UJ8C2SBAL1-W	PLDS / DA-8A5SH
CMOS	AZWAVE /AM-1H049	LITEON / 12P2SF138
WLAN	Atheros / AR5B225 (AZWAVE/AW-NB097H)	Atheros / AR5B125 (LITEON / WN6607AH-AD 2ANT.)
Battery	Sanyo Energy (suzhou) Co Ltd A41-X550E	Simplo Technology Co Ltd A41-X550E
Adapter	ENERTRONIX(ASUS) / EXA1202YH	DELTA(ASUS) / ADP-90YD B

	Mode 5	Mode 6
Resolution	LCD+D-SUB 1600*900/60Hz	LCD+HDMI 1600*900/60Hz
M/B	X750JB	X750JB
VRAM	Micron / 2G	Hynix / 4G
CPU	Intel / i7-4702HQ , 2.2GHz , 37W	Intel / i7-4700MQ , 2.4G , 47W
Panel	AUO / B173RW01 V.4 (H/W:0A)	AUO / B173RW01 V.5 (H/W:0A)
HDD1	SEAGATE / ST750LM022	HGST / HTS727575A9E364
HDD2	SEAGATE / ST500LM012	HGST / HTS541010A9E680
RAM	DDR3 1600 / 4G+4G	DDR3 1600 / 8G+8G
ODD	HLDS / GU71N	PIONEER / BDC-UD02AS
CMOS	LITEON / 12P2SF138	AZWAVE / AM-1H056
WLAN	Atheros / AR5B125 (AZWAVE / AW-NE186H 2ANT.)	Ralink / RT3290 (FOXCONN / T77Z371.00 2ANT.)
Battery	Simplo Technology Co Ltd A41-X550E	Simplo Technology Co Ltd A41-X550E
Adapter	ENERTRONIX(ASUS) / EXA1202YH	DELTA(ASUS) / ADP-120RH B

	Mode 7
Resolution	LCD+HDMI 1600*900/60Hz
M/B	X750JB
VRAM	Hynix / 4G
CPU	Intel / i7-4700MQ , 2.4G , 47W
Panel	AUO / B173RW01 V.5 (H/W:0A)
HDD1	HGST / HTS727575A9E364
HDD2	HGST / HTS541075A9E680
RAM	DDR3 1600 / 8G+8G
ODD	PIONEER / BDC-UD02AS
CMOS	AZWAVE / AM-1H056
WLAN	Ralink / RT3290 (FOXCONN / T77Z371.00 2ANT.)
Battery	Simplo Technology Co Ltd A41-X550E
Adapter	LITEON(ASUS) / PA-1121-28

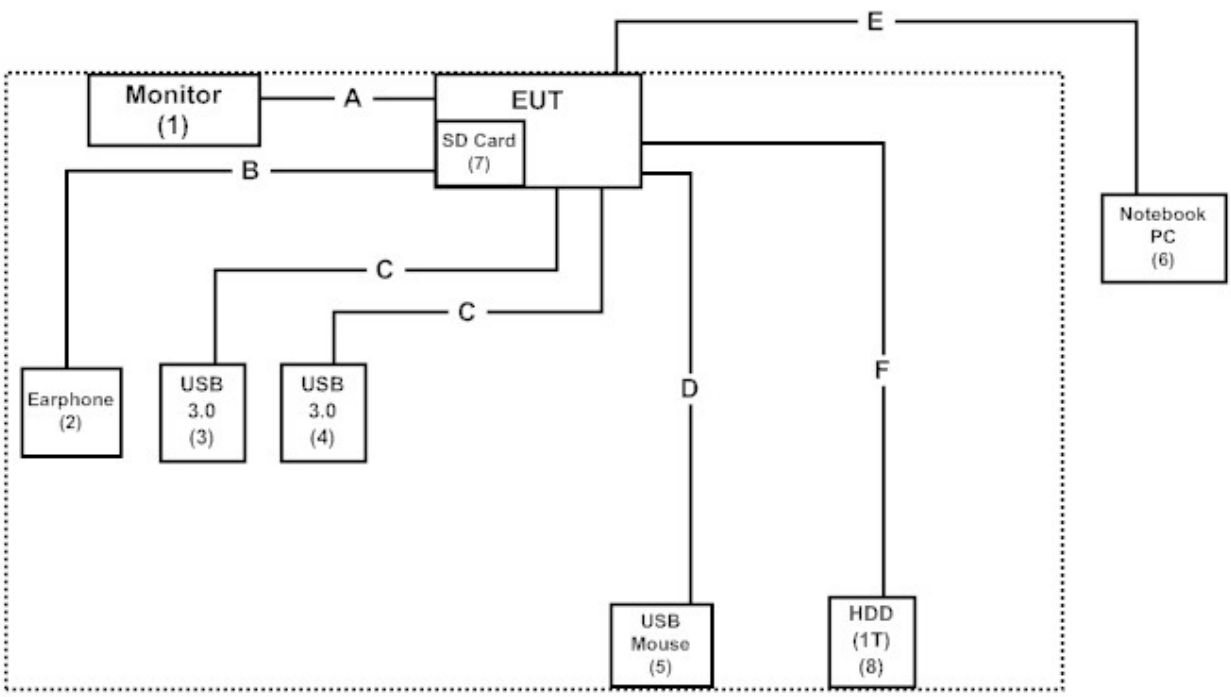
1.3. Tested System Details

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	Monitor	DELL	U2410	CN-0J257M-728-01I-04NL	Non-Shielded, 1.8m
2	Earphone	Ergotech	ET-E201	N/A	N/A
3	USB 3.0	WD	WDBACW0010HBK-SESN	WCAV5U303594	Non-Shielded, 1.5m
4	USB 3.0	WD	WDBACW0010HBK-SESN	WCAV5U124152	Non-Shielded, 1.5m
5	USB Mouse	DELL	M056U0A	F0Y01YEF	N/A
6	Notebook PC	DELL	PP04X	7607342512	Non-Shielded, 1.8m
7	SD Card 512MB	Transcend	155496	3959	N/A
8	HDD(1T)	ADATA	ASH02-1TU-CBK	1B3320071909	N/A

1.4. Configuration of Tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	HDMI Cable (For Mode1,6,7)	Shielded, 1.8m
	D-SUB Cable (For Mode4,5)	Shielded, 1.8m, with two ferrite cores bonded.
B	Earphone Cable	Non-Shielded, 1.6m
C	USB 3.0 Cable	Shielded, 1.0m, two PCS.
D	USB Mouse Cable	Shielded, 1.8m
E	LAN Cable	Non-Shielded, 5.0m
F	USB Cable	Shielded, 1.8m

1.5. EUT Exercise Software

1	Setup the EUT and peripheral as shown on Figure
2	Connect the power to EUT and peripherals, then turn on the power of all equipments.
3	Waiting for EUT to enter Windows Operating System, and adjust the display resolution to the test mode first.
4	Connect LAN to Notebook PC for transmitting data.
5	Activate Wireless interface and Bluetooth function, and perform the wireless data communication with the other Notebook (write/delete action).
6	Connect to HDD for transmitting data.
7	Run Windows Media Player program and play a disk with color Bar pattern
8	Run “H” pattern.
9	Begin to test and repeat the above procedure (4)~(8)

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: 2011 Class B, ANSI C63.4: 2009	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart B: 2011 Class B, ANSI C63.4: 2009	Yes	No

2.2. List of Test Equipment

Conducted Emission / SR2

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESCI	100648	2012/11/22
LISN	R&S	ESH3-Z5	836679/020	2012/04/17
LISN	R&S	ENV216	100086	2013/03/05
Pulse Limiter	R&S	ESH3-Z2	100324	2012/04/16
Coaxial Cable	QTK(Arnist)	RG 400	LC004-RG400	2013/01/09

Radiated Emission / Site5

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Bilog Antenna	Schaffner Chase	CBL6112B	2919	2012/07/14
EMI Test Receiver	R&S	ESCS 30	100149	2013/03/26
Coaxial Cable	QTK(Arnist)	RG 214	LC005-RG	2012/06/30
Coaxial Switch	Arnist	MP59B	6100034519	2012/06/30
Site5 NSA	QTK	N/A	N/A	2012/06/30

Radiated Emission / CB7

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESU	100433	2012/07/24
Horn Antenna	ETS-Lindgren	3117	00135205	2012/03/29
Horn Antenna	SCHWARZBECK	9120D	576	2012/11/19
Pre-Amplifier	QuieTek	AP-180C	CHM/071920	2012/06/27
CB7 VSWR	QTK	N/A	N/A	2012/07/25

2.3. Measurement Uncertainty

Conducted Emission

The measurement uncertainty is evaluated as ± 2.26 dB.

Radiated Emission

The measurement uncertainty is evaluated as ± 3.19 dB.

2.4. Test Environment

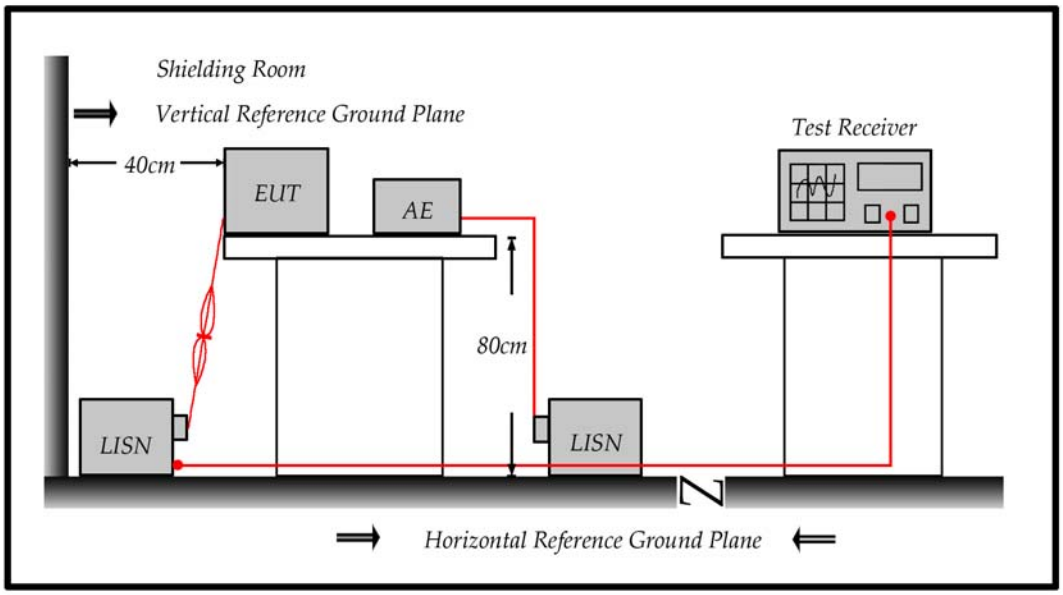
Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	15-35	21
	Humidity (%RH)	25-75	70
	Barometric pressure (mbar)	860-1060	950-1000
Radiated Emission	Temperature (°C)	15-35	28
	Humidity (%RH)	25-75	53
	Barometric pressure (mbar)	860-1060	950-1000

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

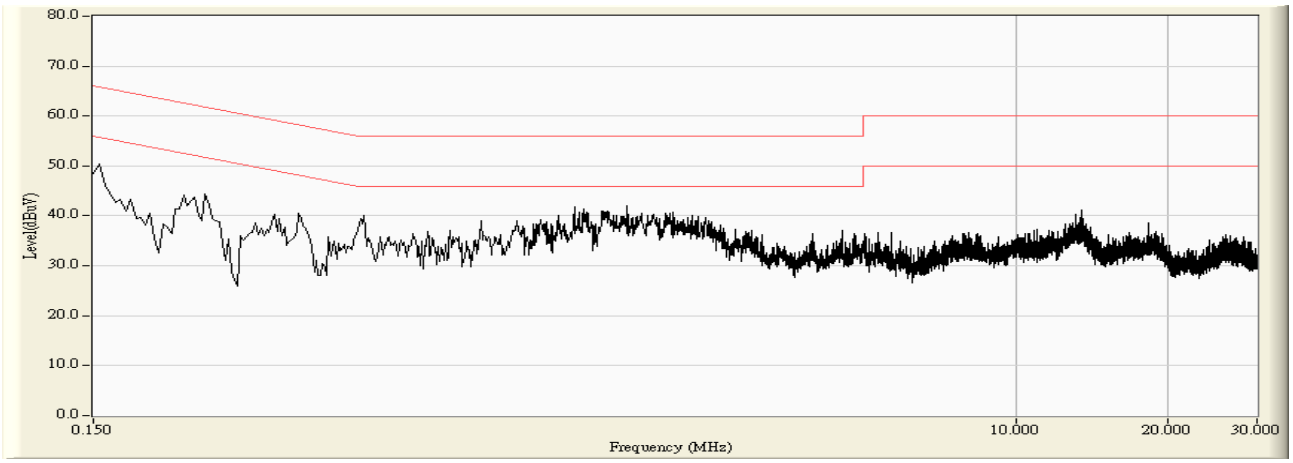
Remarks: In the above table, the tighter limit applies at the band edges.

3.4. Test Procedure

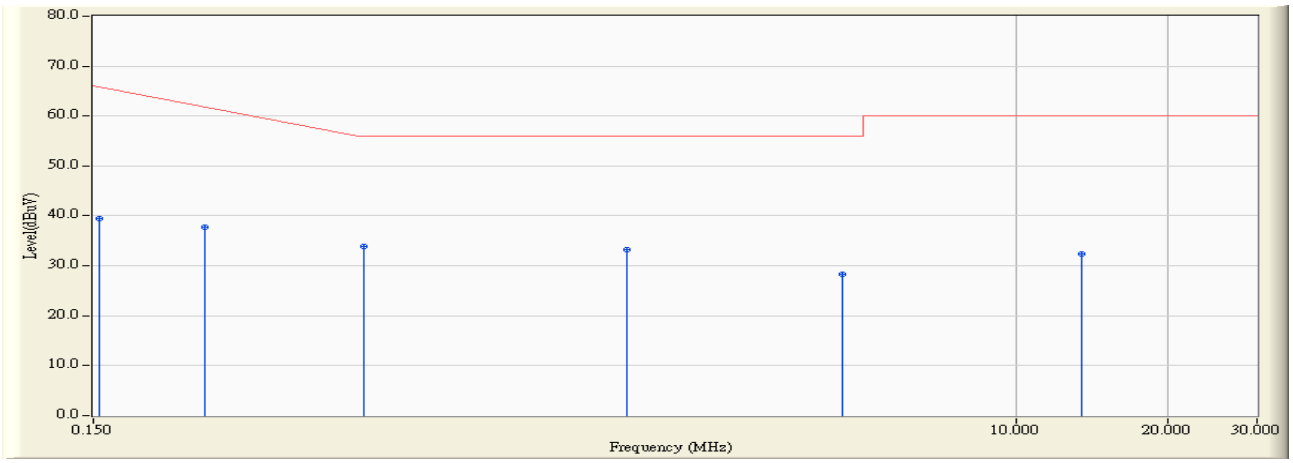
The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling 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 : SR2	**Time : 2013/03/20 - 05:37**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 1**



Site : SR2	**Time : 2013/03/20 - 05:39**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 1**

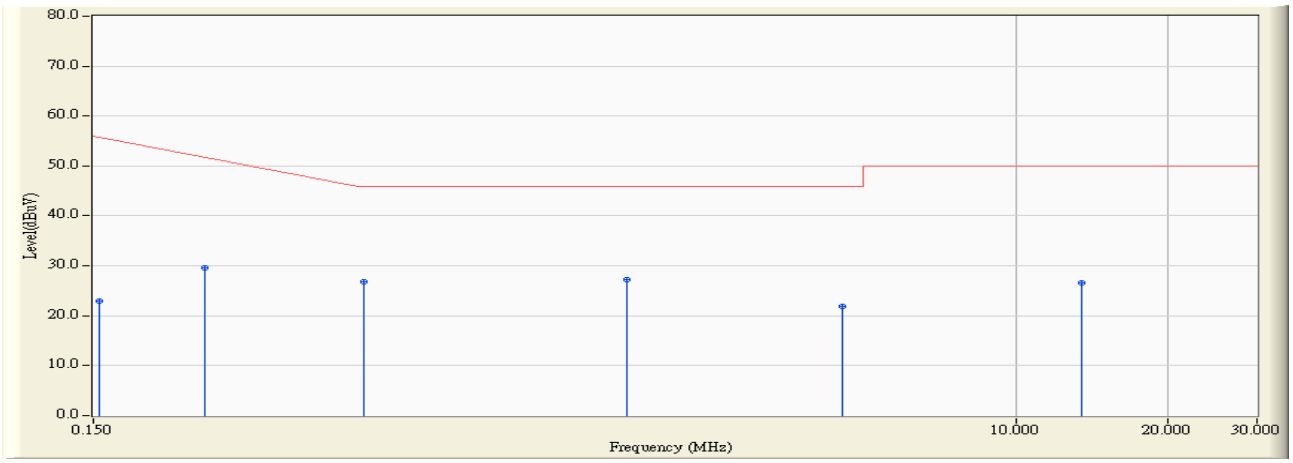


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.549	29.980	39.528	-26.358	65.886	QUASIPEAK
2		0.250	9.581	28.102	37.683	-25.460	63.143	QUASIPEAK
3	*	0.514	9.593	24.214	33.807	-22.193	56.000	QUASIPEAK
4		1.702	9.647	23.681	33.327	-22.673	56.000	QUASIPEAK
5		4.534	9.740	18.587	28.327	-27.673	56.000	QUASIPEAK
6		13.482	10.091	22.201	32.292	-27.708	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/20 - 05:39**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 1**

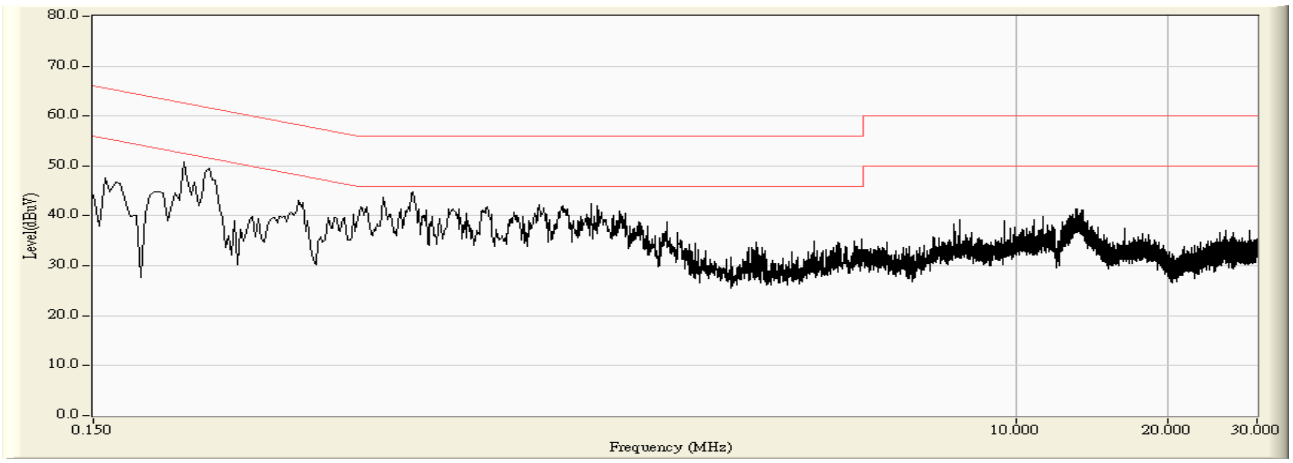


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.549	13.316	22.864	-33.022	55.886	AVERAGE
2		0.250	9.581	19.949	29.530	-23.613	53.143	AVERAGE
3		0.514	9.593	17.159	26.752	-19.248	46.000	AVERAGE
4	*	1.702	9.647	17.571	27.218	-18.782	46.000	AVERAGE
5		4.534	9.740	12.145	21.885	-24.115	46.000	AVERAGE
6		13.482	10.091	16.495	26.586	-23.414	50.000	AVERAGE

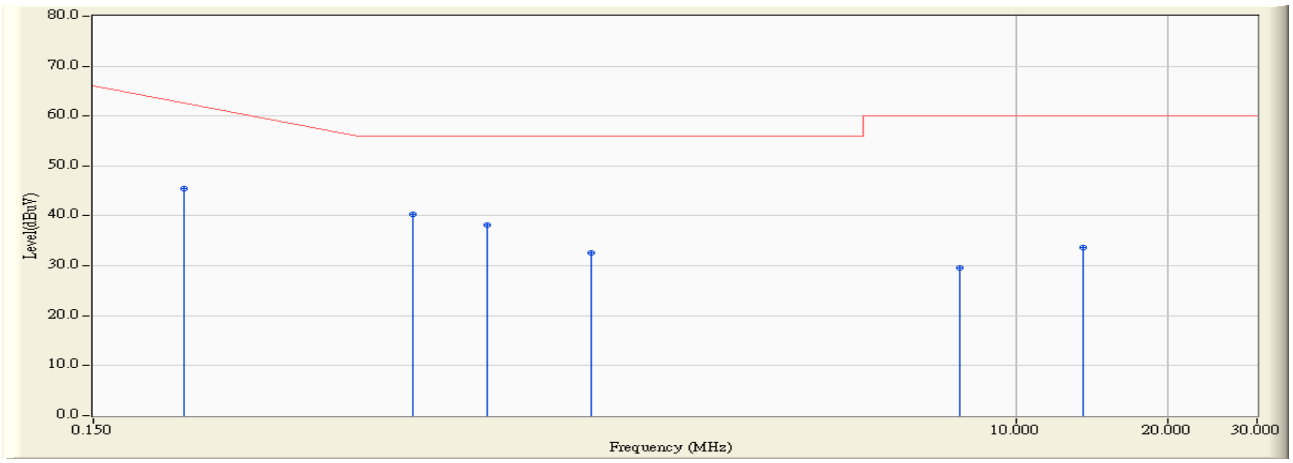
Note:

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(Probe + Cable).

Site : SR2	**Time : 2013/03/20 - 05:42**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 1**



Site : SR2	**Time : 2013/03/20 - 05:44**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 1**

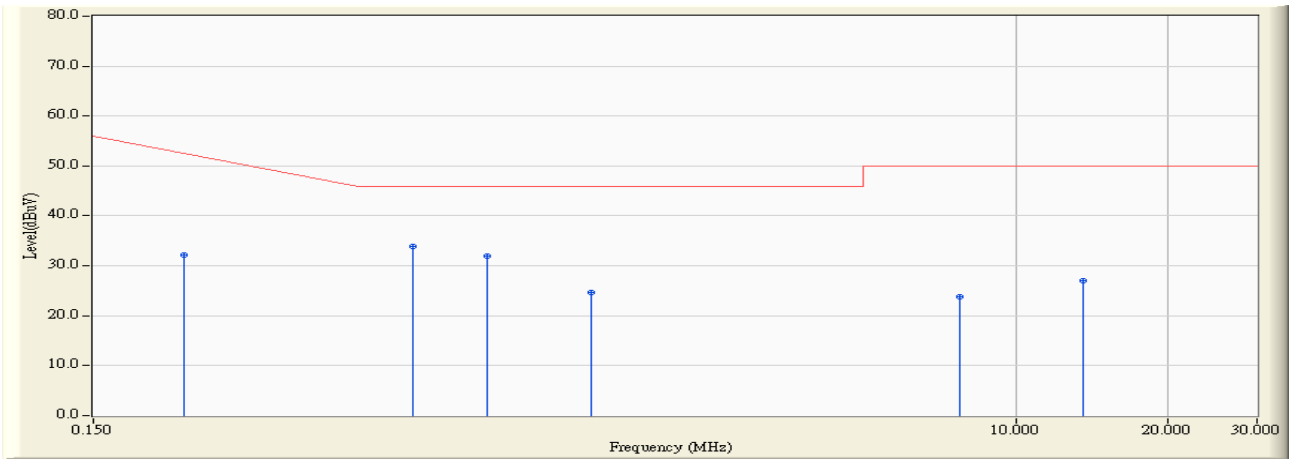


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.226	9.592	35.862	45.454	-18.375	63.829	QUASIPEAK
2	*	0.642	9.609	30.805	40.414	-15.586	56.000	QUASIPEAK
3		0.902	9.621	28.585	38.205	-17.795	56.000	QUASIPEAK
4		1.446	9.655	22.914	32.569	-23.431	56.000	QUASIPEAK
5		7.766	9.890	19.670	29.560	-30.440	60.000	QUASIPEAK
6		13.618	10.162	23.441	33.603	-26.397	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/20 - 05:44**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 1**

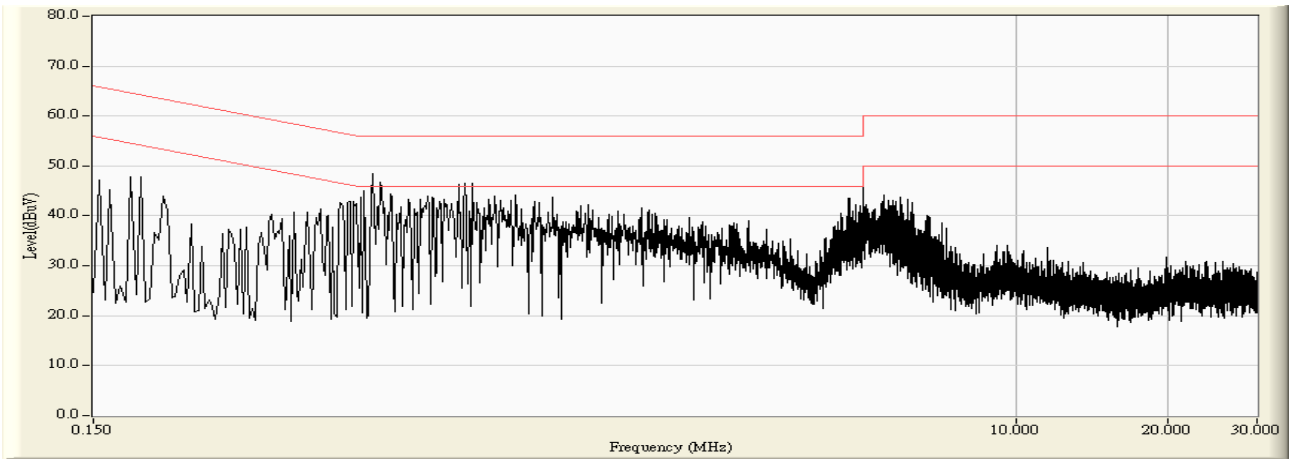


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.226	9.592	22.537	32.129	-21.700	53.829	AVERAGE
2	*	0.642	9.609	24.372	33.981	-12.019	46.000	AVERAGE
3		0.902	9.621	22.313	31.934	-14.066	46.000	AVERAGE
4		1.446	9.655	14.968	24.623	-21.377	46.000	AVERAGE
5		7.766	9.890	13.904	23.794	-26.206	50.000	AVERAGE
6		13.618	10.162	16.927	27.089	-22.911	50.000	AVERAGE

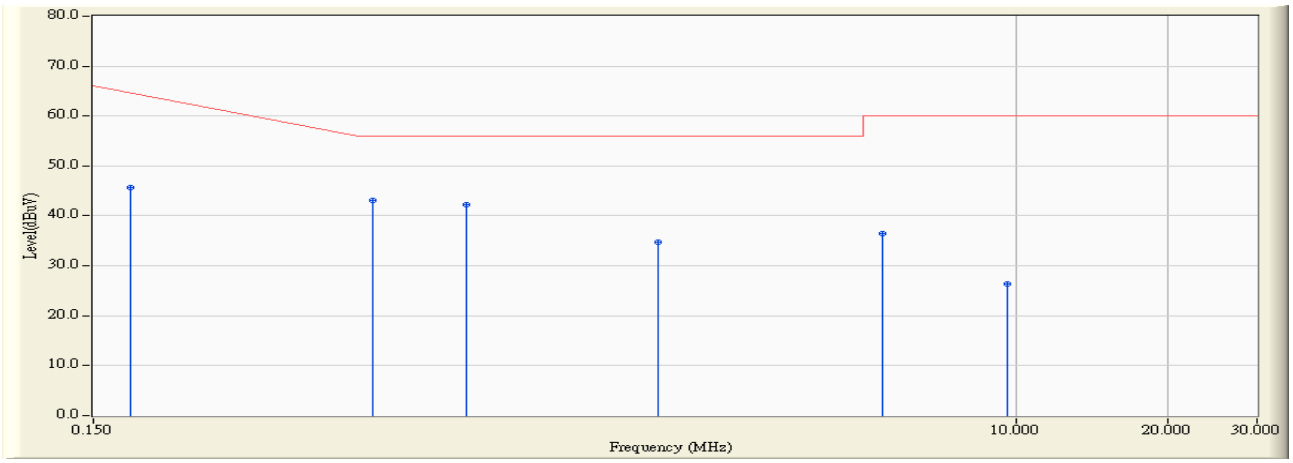
Note:

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 15:01**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 4**



Site : SR2	**Time : 2013/03/12 - 15:02**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 4**

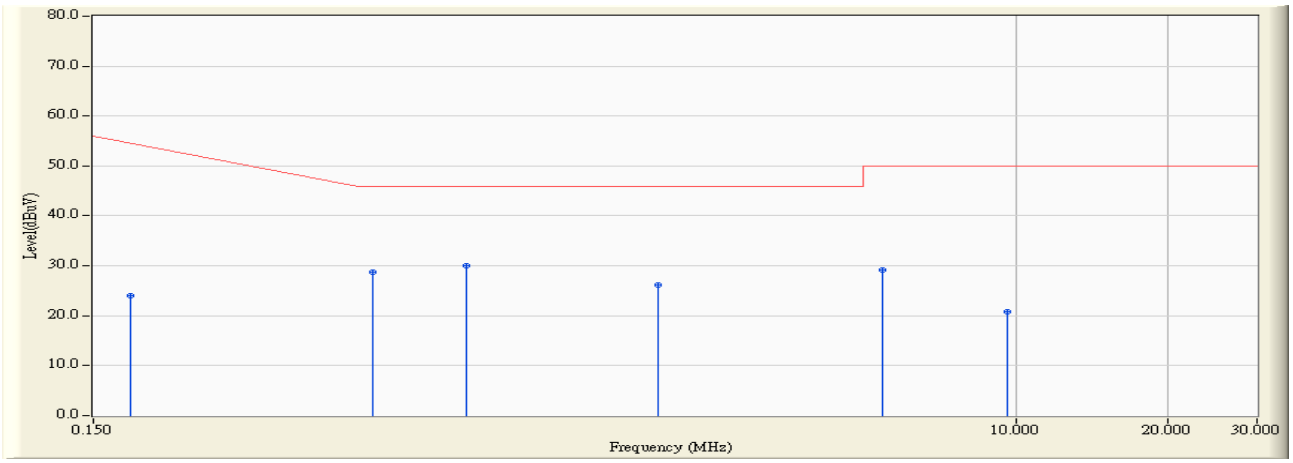


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.554	36.070	45.624	-19.576	65.200	QUASIPEAK
2	*	0.534	9.594	33.582	43.176	-12.824	56.000	QUASIPEAK
3		0.818	9.597	32.730	42.327	-13.673	56.000	QUASIPEAK
4		1.958	9.669	25.050	34.719	-21.281	56.000	QUASIPEAK
5		5.458	9.770	26.745	36.515	-23.485	60.000	QUASIPEAK
6		9.598	9.927	16.512	26.439	-33.561	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 15:02**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 4**

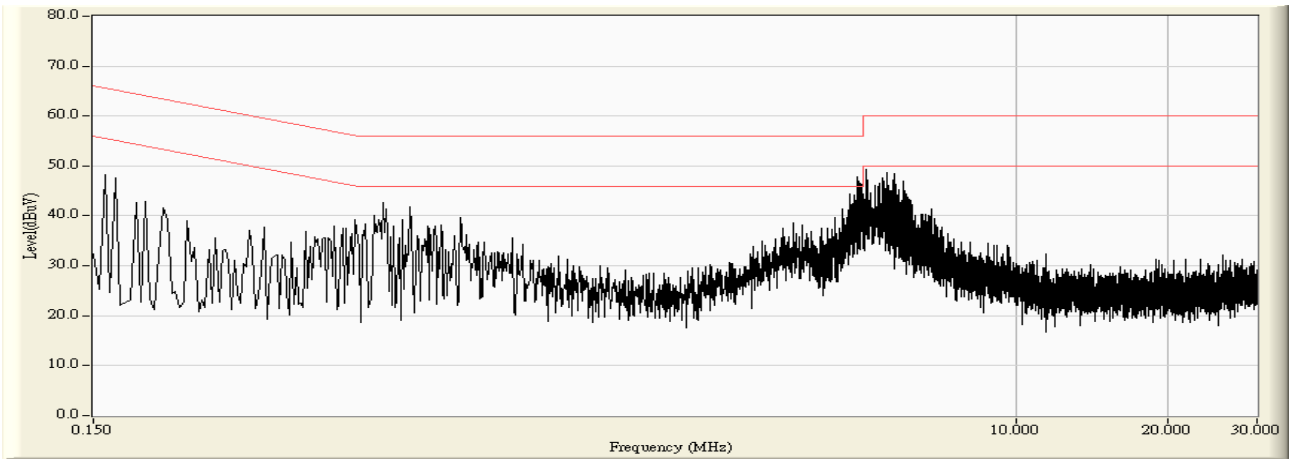


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.554	14.400	23.954	-31.246	55.200	AVERAGE
2		0.534	9.594	19.061	28.655	-17.345	46.000	AVERAGE
3	*	0.818	9.597	20.353	29.949	-16.051	46.000	AVERAGE
4		1.958	9.669	16.553	26.222	-19.778	46.000	AVERAGE
5		5.458	9.770	19.349	29.119	-20.881	50.000	AVERAGE
6		9.598	9.927	10.926	20.853	-29.147	50.000	AVERAGE

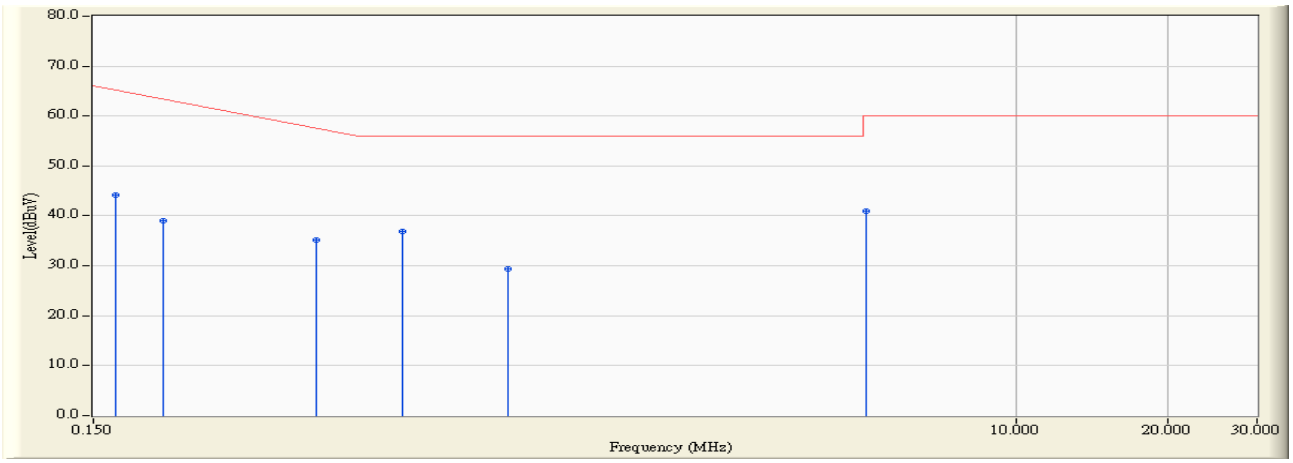
Note:

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 15:03**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 4**



Site : SR2	**Time : 2013/03/12 - 15:04**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 4**

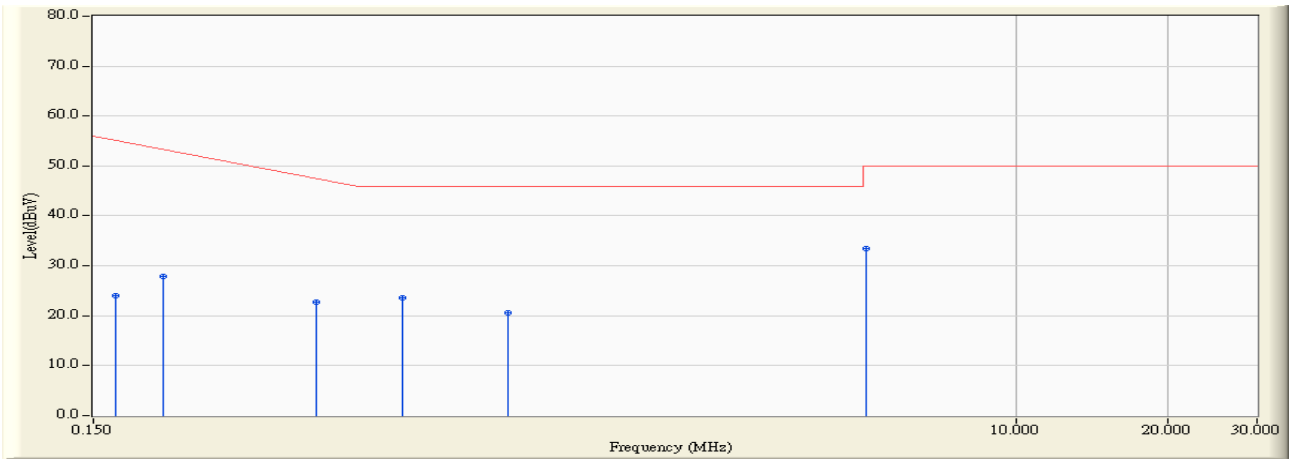


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.587	34.549	44.136	-21.407	65.543	QUASIPEAK
2		0.206	9.589	29.477	39.065	-25.335	64.400	QUASIPEAK
3		0.414	9.598	25.545	35.143	-23.314	58.457	QUASIPEAK
4		0.614	9.608	27.344	36.951	-19.049	56.000	QUASIPEAK
5		0.994	9.625	19.863	29.488	-26.512	56.000	QUASIPEAK
6	*	5.054	9.790	31.274	41.064	-18.936	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 15:04**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 4**

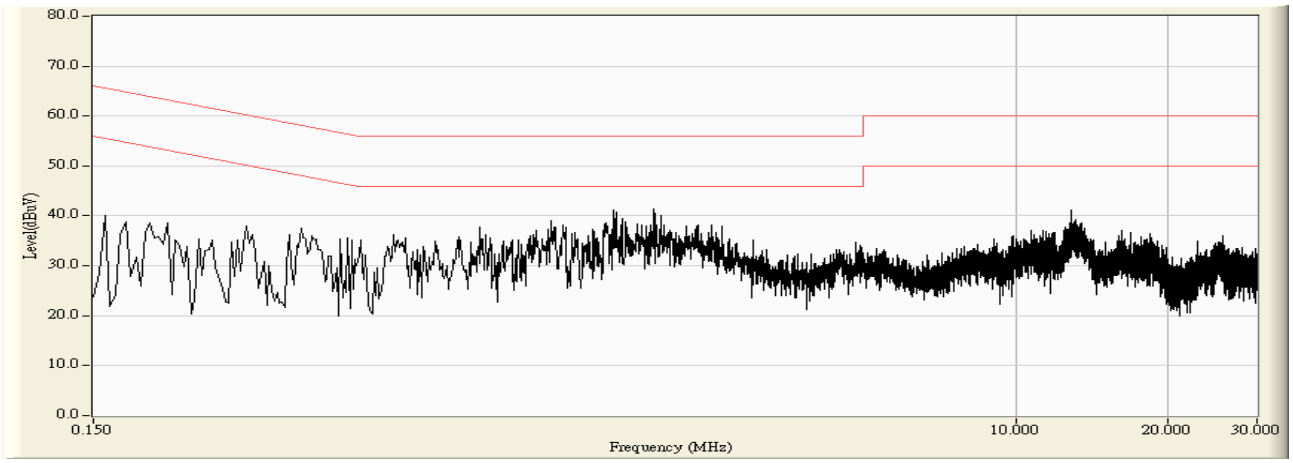


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.587	14.331	23.918	-31.625	55.543	AVERAGE
2		0.206	9.589	18.374	27.963	-26.437	54.400	AVERAGE
3		0.414	9.598	13.240	22.838	-25.619	48.457	AVERAGE
4		0.614	9.608	13.999	23.607	-22.393	46.000	AVERAGE
5		0.994	9.625	10.917	20.542	-25.458	46.000	AVERAGE
6	*	5.054	9.790	23.627	33.417	-16.583	50.000	AVERAGE

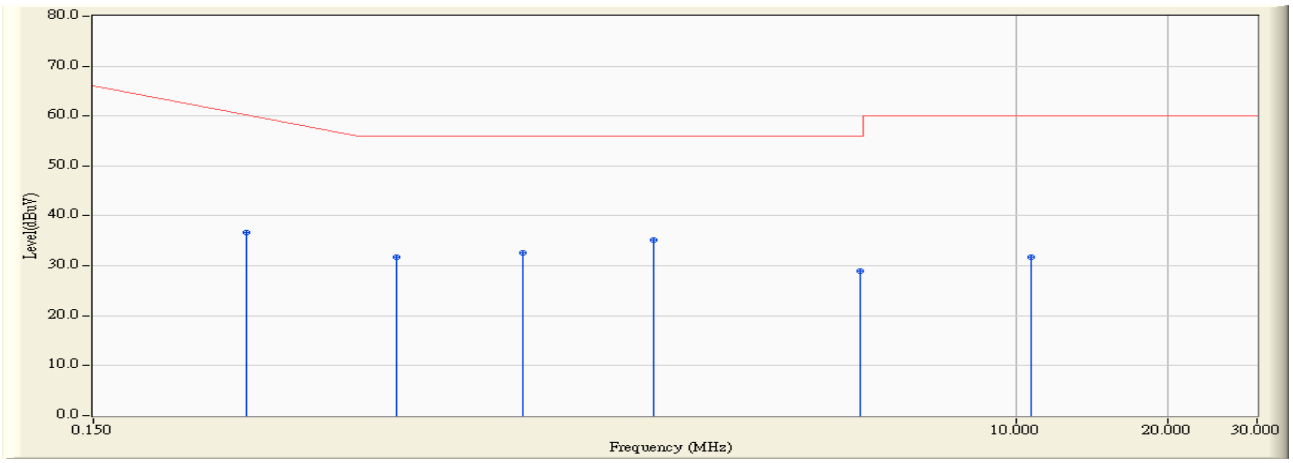
Note:

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 15:47**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 5**



Site : SR2	**Time : 2013/03/12 - 15:48**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 5**

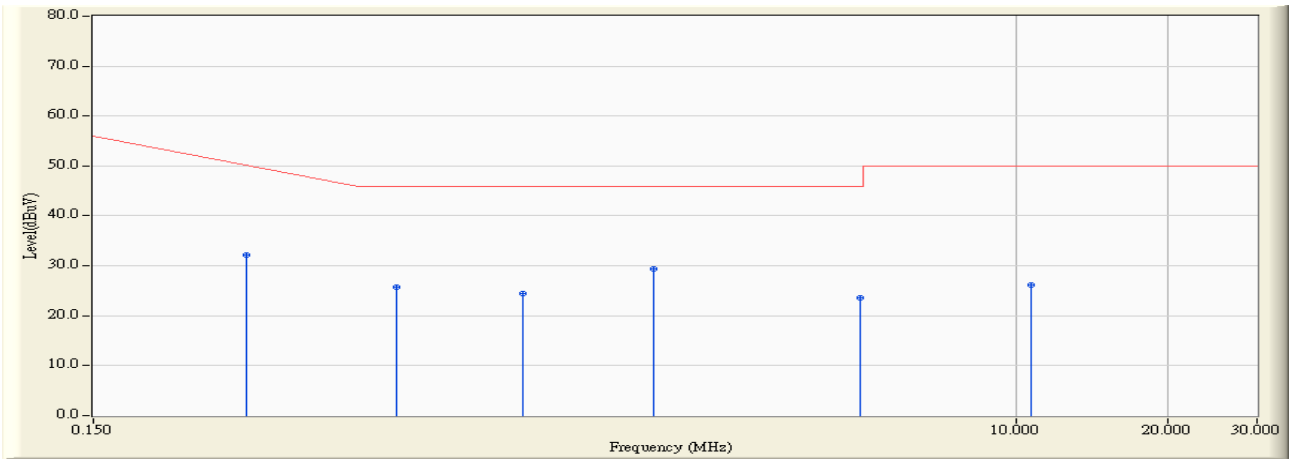


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.302	9.591	27.141	36.732	-24.925	61.657	QUASIPEAK
2		0.598	9.597	22.146	31.742	-24.258	56.000	QUASIPEAK
3		1.062	9.608	22.997	32.605	-23.395	56.000	QUASIPEAK
4	*	1.922	9.667	25.433	35.100	-20.900	56.000	QUASIPEAK
5		4.938	9.753	19.230	28.984	-27.016	56.000	QUASIPEAK
6		10.714	9.970	21.827	31.797	-28.203	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 15:48**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 5**

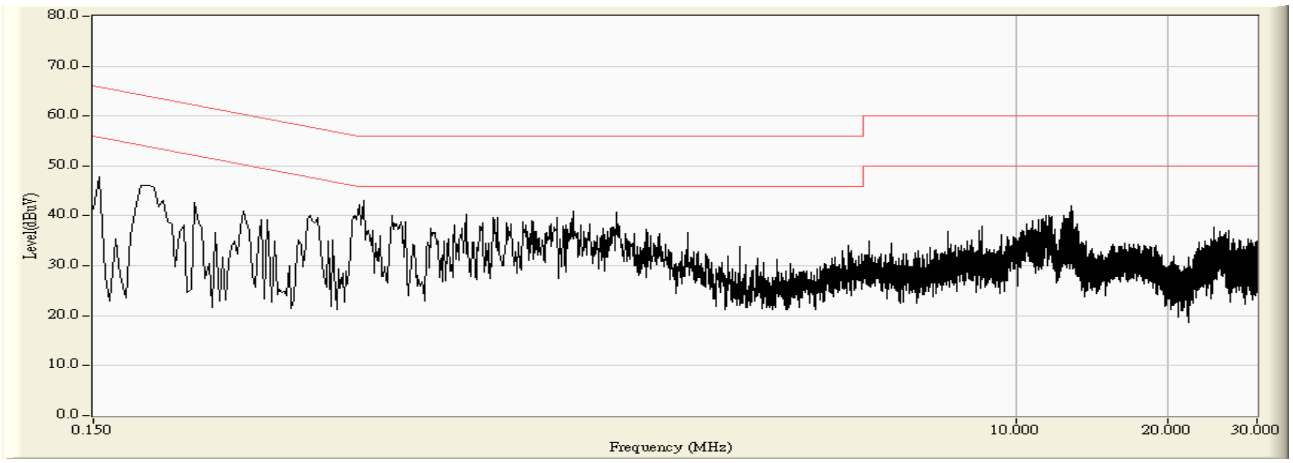


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.302	9.591	22.664	32.255	-19.402	51.657	AVERAGE
2		0.598	9.597	16.117	25.714	-20.286	46.000	AVERAGE
3		1.062	9.608	14.785	24.393	-21.607	46.000	AVERAGE
4	*	1.922	9.667	19.756	29.423	-16.577	46.000	AVERAGE
5		4.938	9.753	13.822	23.576	-22.424	46.000	AVERAGE
6		10.714	9.970	16.182	26.152	-23.848	50.000	AVERAGE

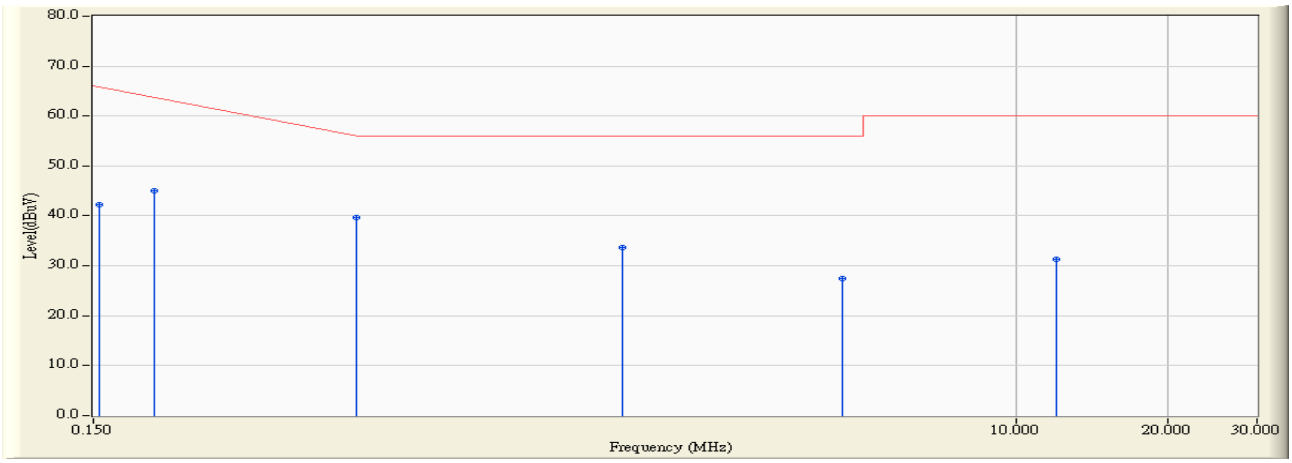
Note:

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 15:49**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 5**



Site : SR2	**Time : 2013/03/12 - 15:50**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 5**

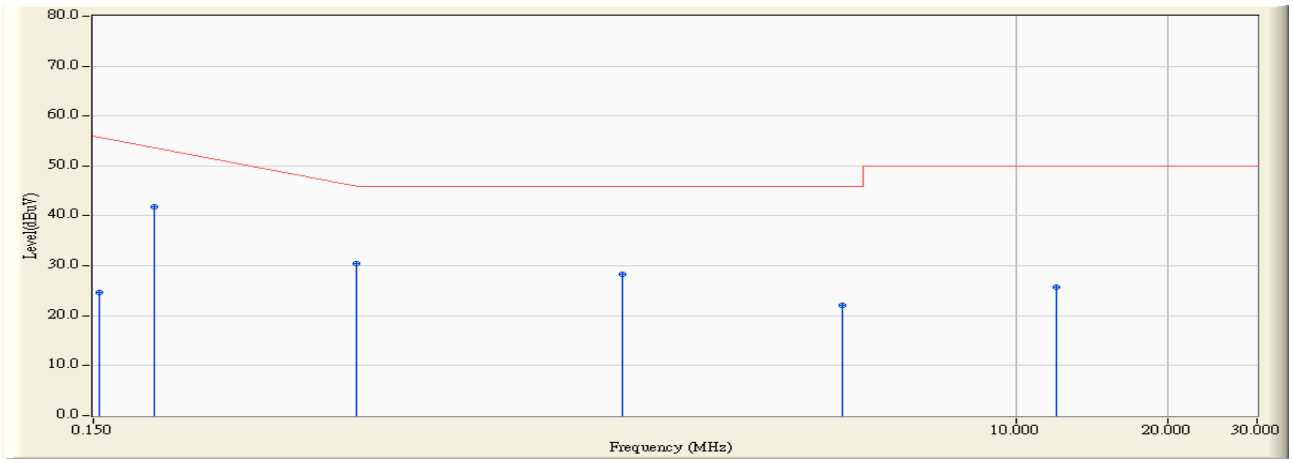


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.587	32.762	42.349	-23.537	65.886	QUASIPEAK
2		0.198	9.589	35.418	45.007	-19.622	64.629	QUASIPEAK
3	*	0.498	9.602	30.083	39.685	-16.372	56.057	QUASIPEAK
4		1.670	9.666	24.069	33.735	-22.265	56.000	QUASIPEAK
5		4.542	9.770	17.722	27.492	-28.508	56.000	QUASIPEAK
6		11.998	10.070	21.177	31.247	-28.753	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 15:50**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 5**

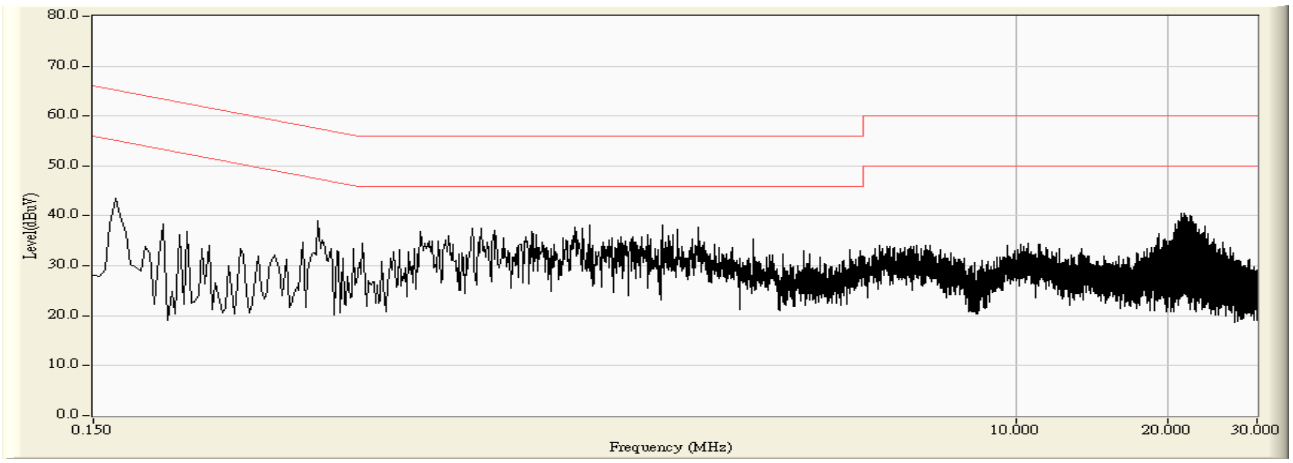


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.587	15.150	24.736	-31.150	55.886	AVERAGE
2	*	0.198	9.589	32.281	41.870	-12.759	54.629	AVERAGE
3		0.498	9.602	20.751	30.353	-15.704	46.057	AVERAGE
4		1.670	9.666	18.544	28.209	-17.791	46.000	AVERAGE
5		4.542	9.770	12.233	22.003	-23.997	46.000	AVERAGE
6		11.998	10.070	15.658	25.728	-24.272	50.000	AVERAGE

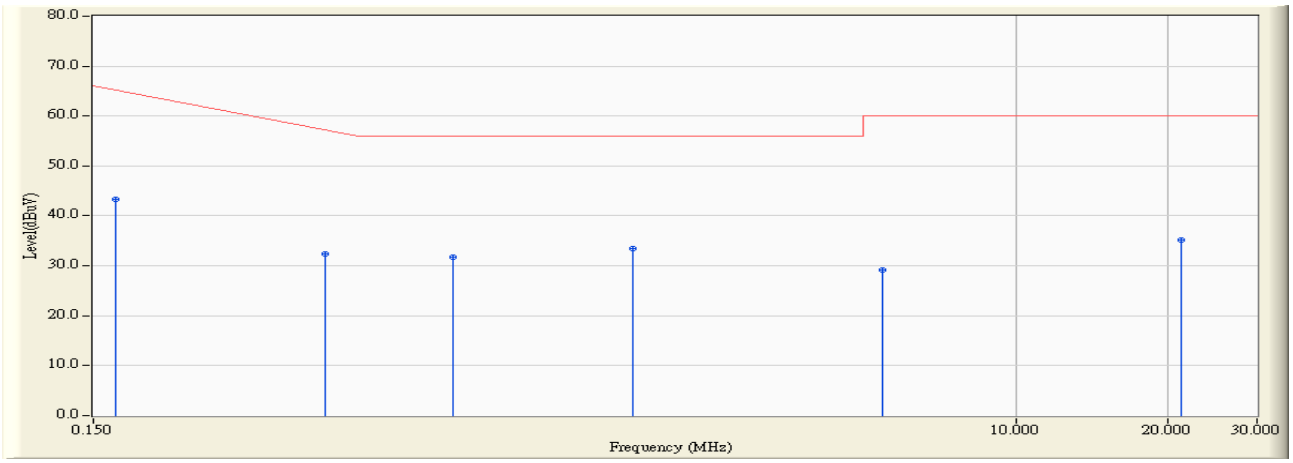
Note:

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 16:45**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 6**



Site : SR2	**Time : 2013/03/12 - 16:46**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 6**

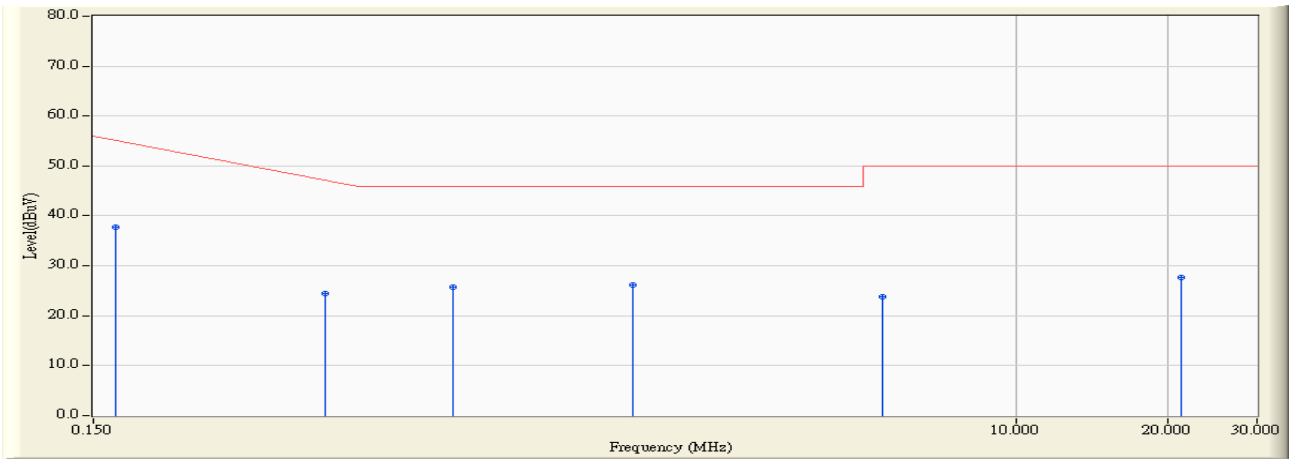


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	9.549	33.871	43.420	-22.123	65.543	QUASIPEAK
2		0.430	9.589	22.830	32.419	-25.581	58.000	QUASIPEAK
3		0.770	9.595	22.109	31.704	-24.296	56.000	QUASIPEAK
4		1.754	9.651	23.802	33.453	-22.547	56.000	QUASIPEAK
5		5.454	9.770	19.484	29.254	-30.746	60.000	QUASIPEAK
6		21.286	10.480	24.638	35.118	-24.882	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 16:46**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 6**

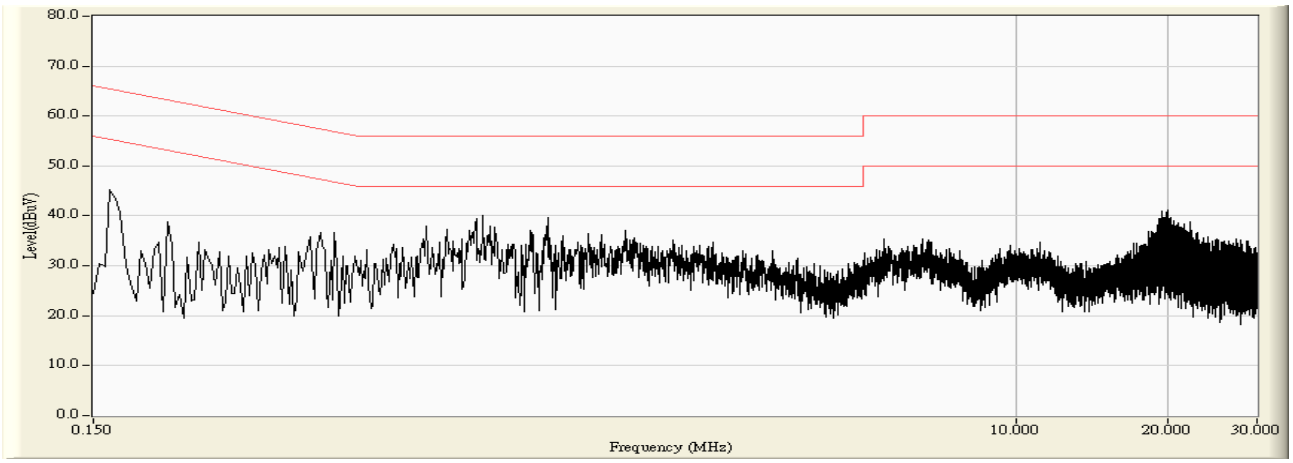


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.166	9.549	28.102	37.652	-17.891	55.543	AVERAGE
2		0.430	9.589	14.920	24.509	-23.491	48.000	AVERAGE
3		0.770	9.595	16.081	25.676	-20.324	46.000	AVERAGE
4		1.754	9.651	16.493	26.145	-19.855	46.000	AVERAGE
5		5.454	9.770	13.973	23.743	-26.257	50.000	AVERAGE
6		21.286	10.480	17.291	27.771	-22.229	50.000	AVERAGE

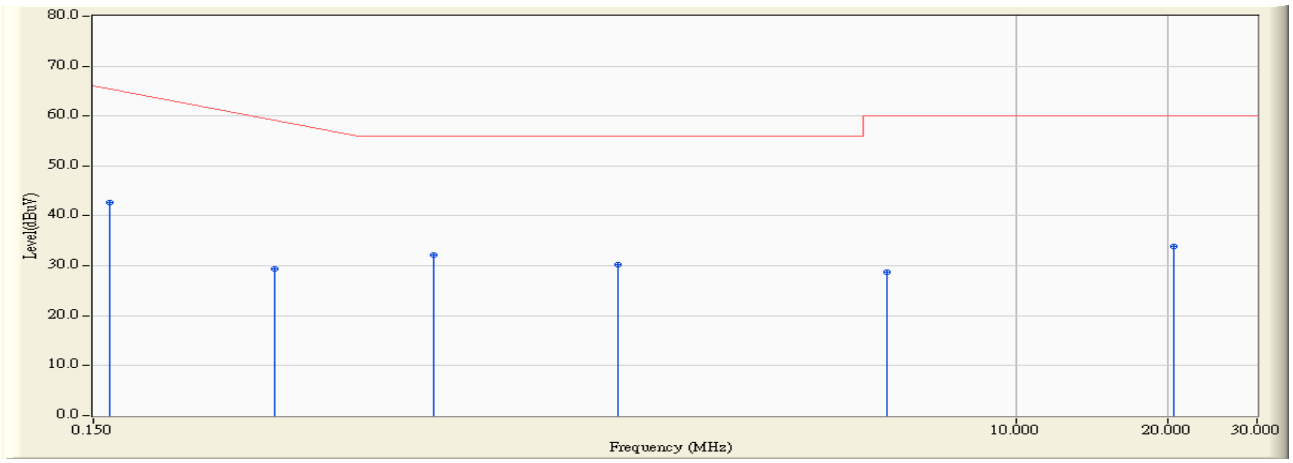
Note:

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 16:46**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 6**



Site : SR2	**Time : 2013/03/12 - 16:47**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 6**

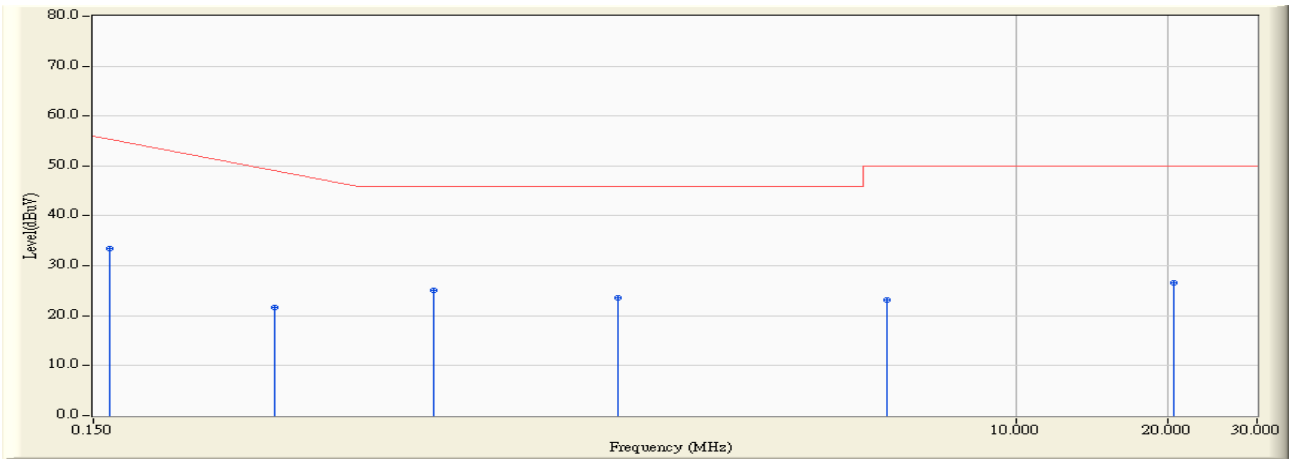


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.162	9.587	33.136	42.723	-22.934	65.657	QUASIPEAK
2		0.342	9.604	19.720	29.324	-31.190	60.514	QUASIPEAK
3		0.706	9.612	22.608	32.219	-23.781	56.000	QUASIPEAK
4		1.638	9.664	20.656	30.320	-25.680	56.000	QUASIPEAK
5		5.578	9.810	18.911	28.721	-31.279	60.000	QUASIPEAK
6		20.606	10.590	23.220	33.810	-26.190	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 16:47**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 6**

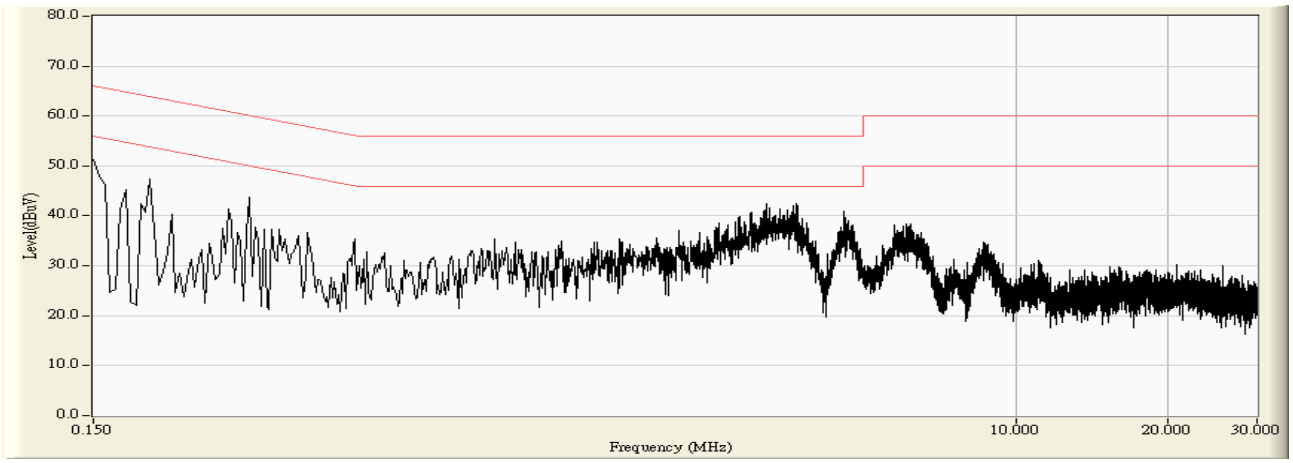


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.587	23.853	33.440	-22.217	55.657	AVERAGE
2		0.342	9.604	12.063	21.667	-28.847	50.514	AVERAGE
3	*	0.706	9.612	15.584	25.196	-20.804	46.000	AVERAGE
4		1.638	9.664	14.031	23.696	-22.304	46.000	AVERAGE
5		5.578	9.810	13.320	23.130	-26.870	50.000	AVERAGE
6		20.606	10.590	16.067	26.657	-23.343	50.000	AVERAGE

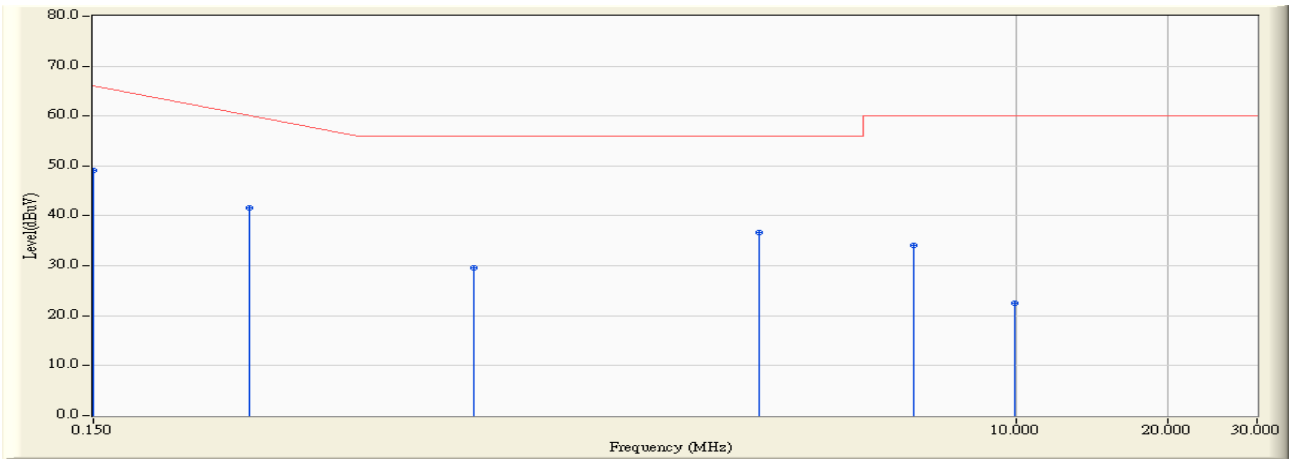
Note:

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 17:41**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 7**



Site : SR2	**Time : 2013/03/12 - 17:42**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 7**

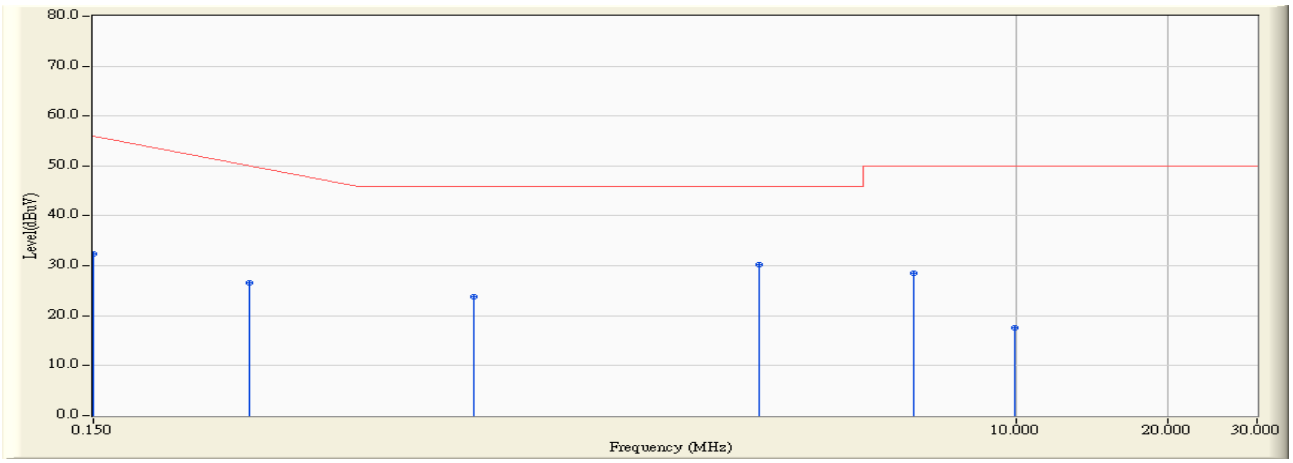


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.150	9.549	39.649	49.199	-16.801	66.000	QUASIPEAK
2		0.306	9.593	31.987	41.580	-19.963	61.543	QUASIPEAK
3		0.846	9.598	20.074	29.672	-26.328	56.000	QUASIPEAK
4		3.110	9.700	26.976	36.676	-19.324	56.000	QUASIPEAK
5		6.286	9.800	24.195	33.995	-26.005	60.000	QUASIPEAK
6		9.942	9.940	12.601	22.541	-37.459	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 17:42**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 7**

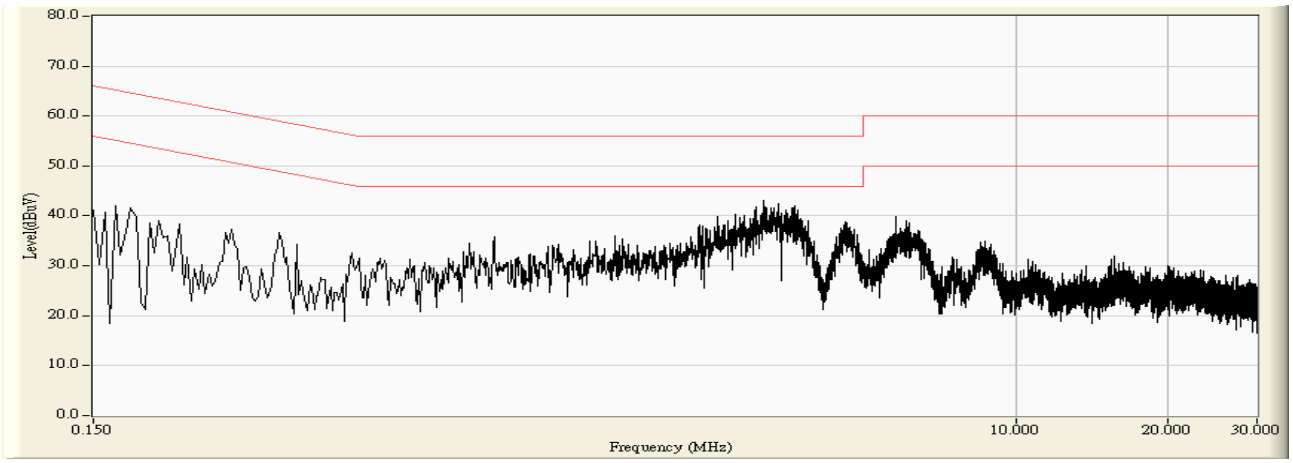


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	9.549	22.903	32.452	-23.548	56.000	AVERAGE
2		0.306	9.593	16.962	26.555	-24.988	51.543	AVERAGE
3		0.846	9.598	14.175	23.773	-22.227	46.000	AVERAGE
4	*	3.110	9.700	20.606	30.306	-15.694	46.000	AVERAGE
5		6.286	9.800	18.692	28.492	-21.508	50.000	AVERAGE
6		9.942	9.940	7.695	17.635	-32.365	50.000	AVERAGE

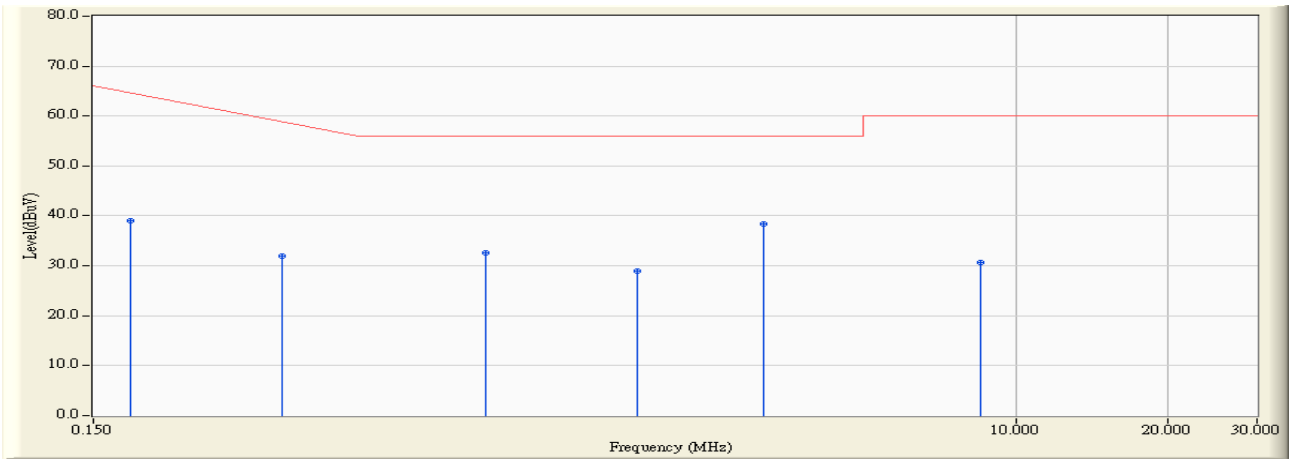
Note:

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 17:43**
Limit : CISPR_B_00M_QP	**Margin : 10**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 7**



Site : SR2	**Time : 2013/03/12 - 17:44**
Limit : CISPR_B_00M_QP	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 7**

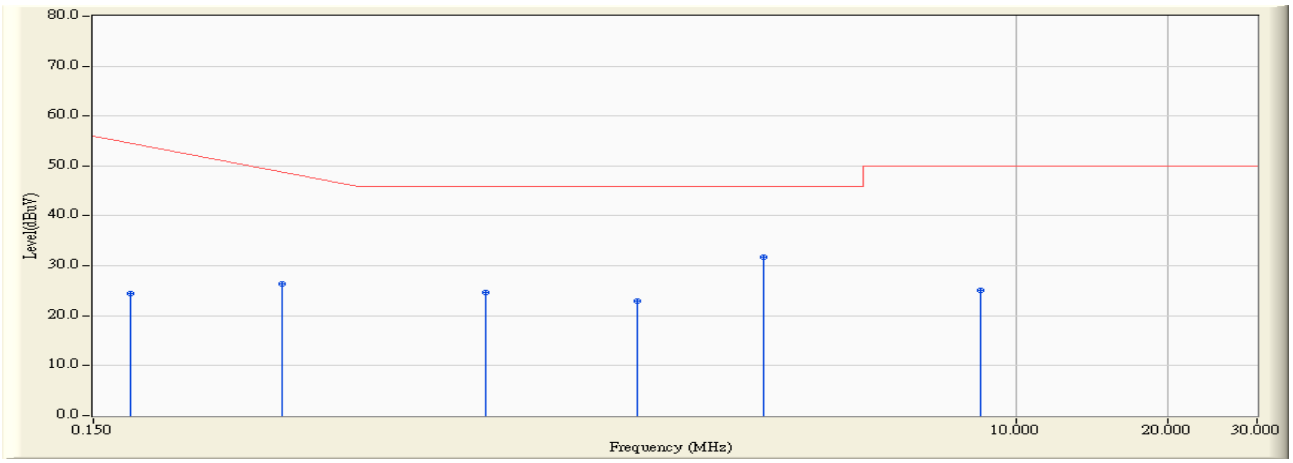


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.588	29.358	38.946	-26.254	65.200	QUASIPEAK
2		0.354	9.601	22.415	32.016	-28.155	60.171	QUASIPEAK
3		0.898	9.620	23.063	32.683	-23.317	56.000	QUASIPEAK
4		1.782	9.681	19.172	28.852	-27.148	56.000	QUASIPEAK
5	*	3.178	9.730	28.703	38.433	-17.567	56.000	QUASIPEAK
6		8.546	9.920	20.768	30.688	-29.312	60.000	QUASIPEAK

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(Probe + Cable).

Site : SR2	**Time : 2013/03/12 - 17:44**
Limit : CISPR_B_00M_AV	**Margin : 0**
EUT : Notebook P.C.	**Probe : ENV_216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 7**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.178	9.588	14.788	24.376	-30.824	55.200	AVERAGE
2		0.354	9.601	16.855	26.455	-23.716	50.171	AVERAGE
3		0.898	9.620	15.018	24.639	-21.361	46.000	AVERAGE
4		1.782	9.681	13.163	22.844	-23.156	46.000	AVERAGE
5	*	3.178	9.730	22.062	31.792	-14.208	46.000	AVERAGE
6		8.546	9.920	15.266	25.186	-24.814	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(Probe + Cable).

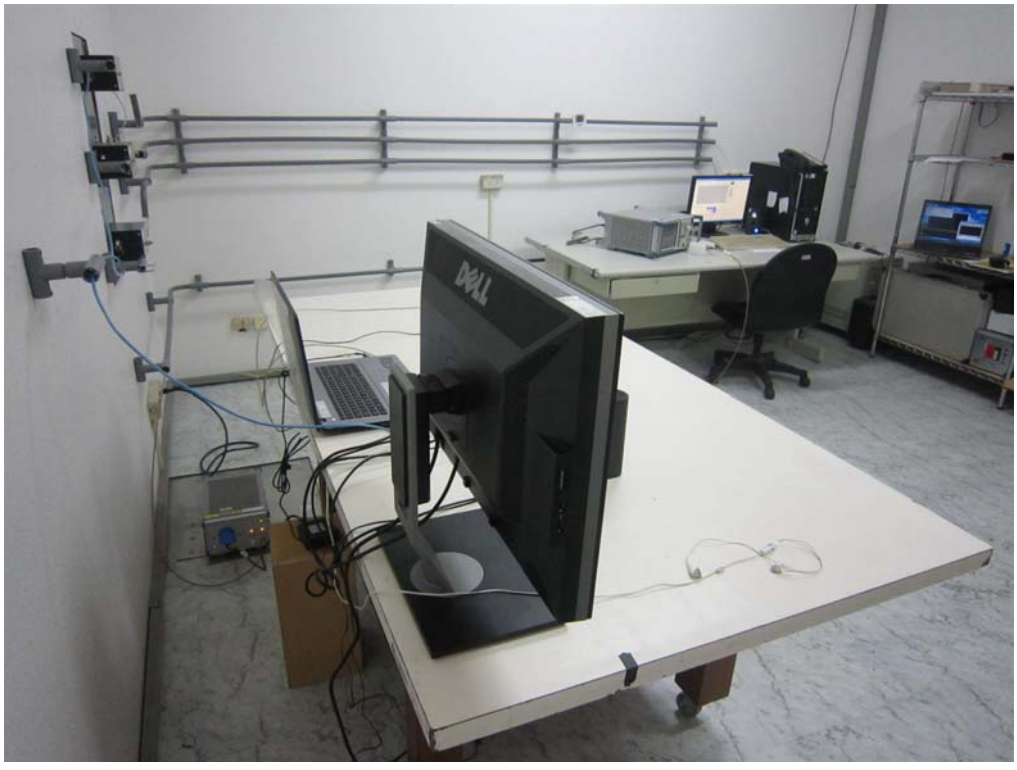
3.6. Test Photograph

Test Mode : Mode 1

Description : Front View of Conducted Test

Test Mode : Mode 1

Description : Back View of Conducted Test



Test Mode : Mode 4

Description : Front View of Conducted Test

Test Mode : Mode 4

Description : Back View of Conducted Test

Test Mode : Mode 5

Description : Front View of Conducted Test

Test Mode : Mode 5

Description : Back View of Conducted Test

Test Mode : Mode 6

Description : Front View of Conducted Test

Test Mode : Mode 6

Description : Back View of Conducted Test

Test Mode : Mode 7

Description : Front View of Conducted Test

Test Mode : Mode 7

Description : Back View of Conducted Test

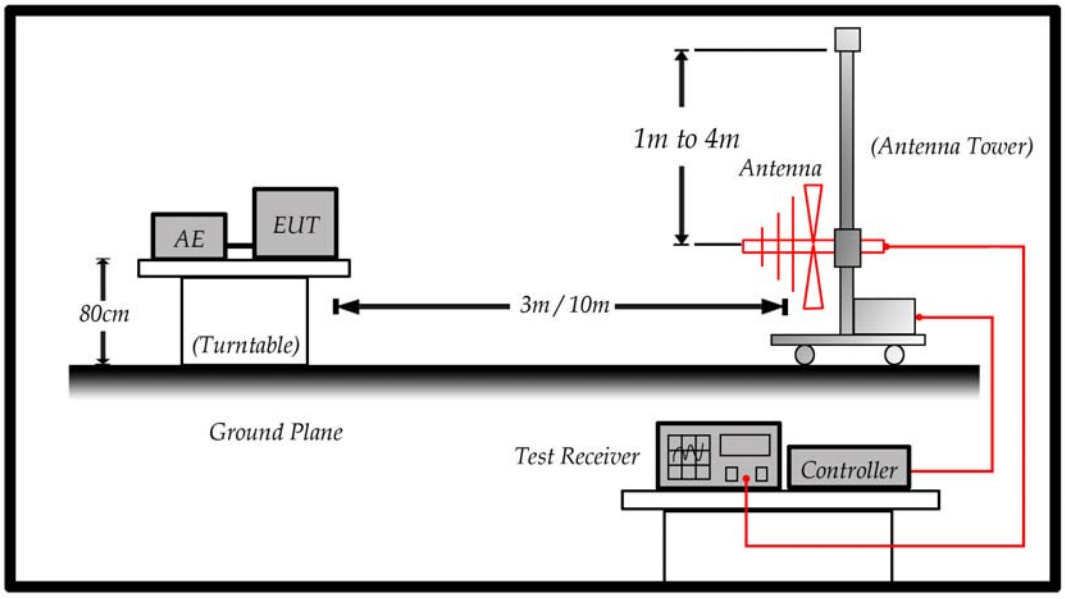
4. Radiated Emission

4.1. Test Specification

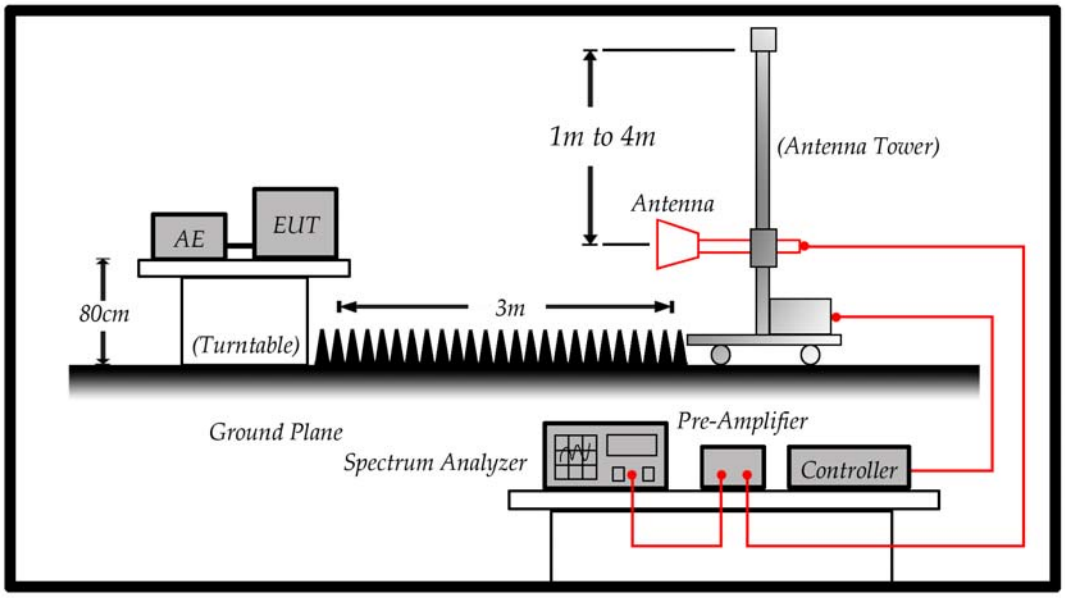
According to EMC Standard : FCC Part 15 Subpart B, ANSI C63.4

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

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
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.

Above 1GHz test shall not exceed the following value:

FCC Part 15 Subpart B Paragraph 15.109 Limits (dBuV/m)		
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.
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.
3. RF Voltage (dBuV/m) = 20 log RF Voltage (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 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 folowing 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.

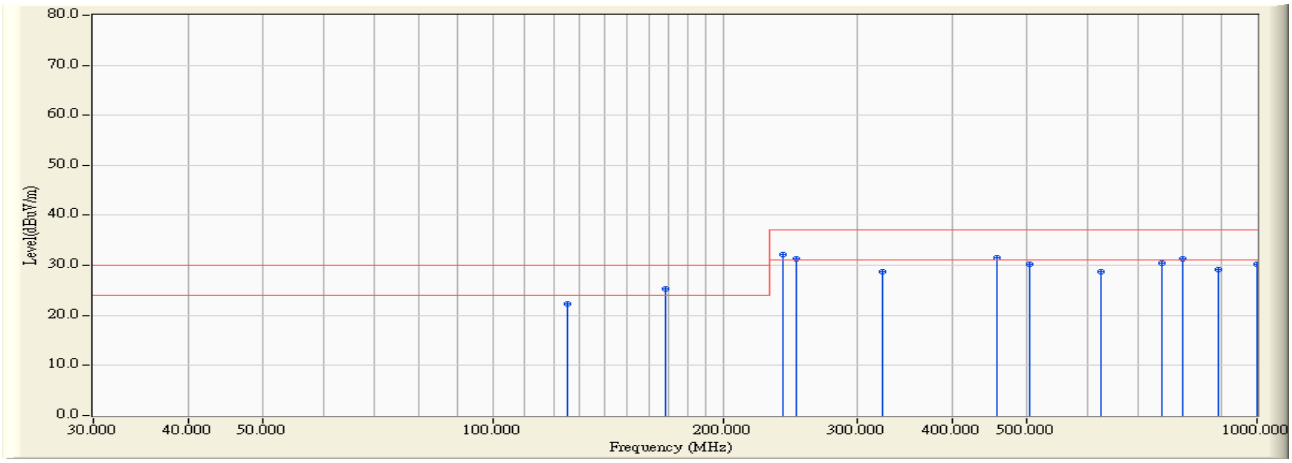
For class A, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and above 1GHz.

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 : Site5	**Time : 2013/03/20 - 11:18**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1**

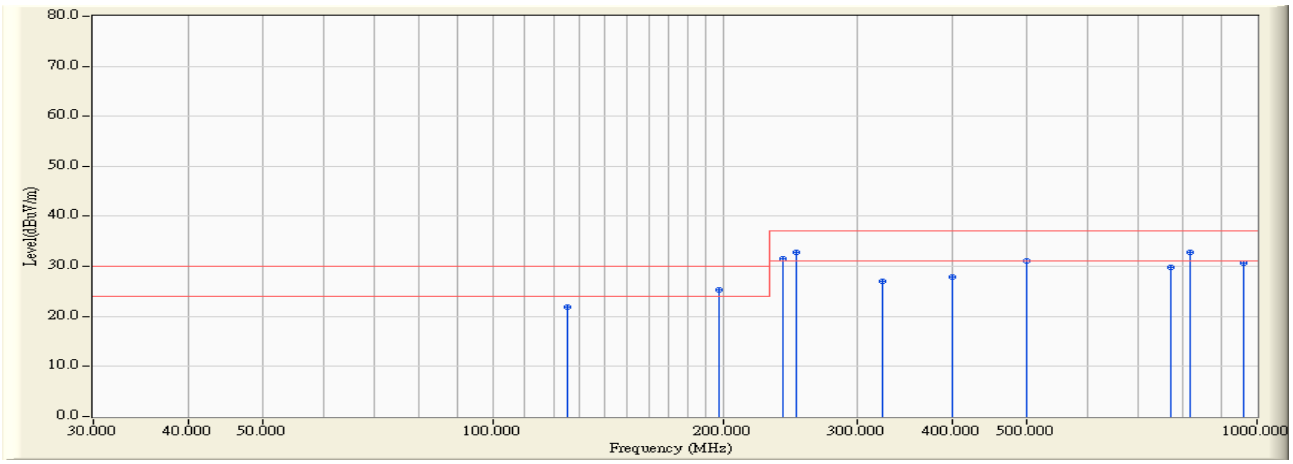


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		125.000	14.301	8.100	22.401	-7.599	30.000	QUASIPEAK
2	*	167.950	12.536	12.700	25.236	-4.764	30.000	QUASIPEAK
3		240.000	15.019	17.200	32.219	-4.781	37.000	QUASIPEAK
4		250.000	16.196	15.100	31.296	-5.704	37.000	QUASIPEAK
5		323.350	17.977	10.800	28.777	-8.223	37.000	QUASIPEAK
6		456.000	21.836	9.700	31.535	-5.465	37.000	QUASIPEAK
7		504.000	23.030	7.200	30.230	-6.770	37.000	QUASIPEAK
8		625.000	24.850	3.800	28.650	-8.350	37.000	QUASIPEAK
9		750.000	26.493	4.000	30.493	-6.507	37.000	QUASIPEAK
10		800.000	27.100	4.200	31.300	-5.700	37.000	QUASIPEAK
11		891.000	28.036	1.200	29.236	-7.764	37.000	QUASIPEAK
12		1000.000	29.200	1.000	30.200	-6.800	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site : Site5	**Time : 2013/03/20 - 11:40**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1**

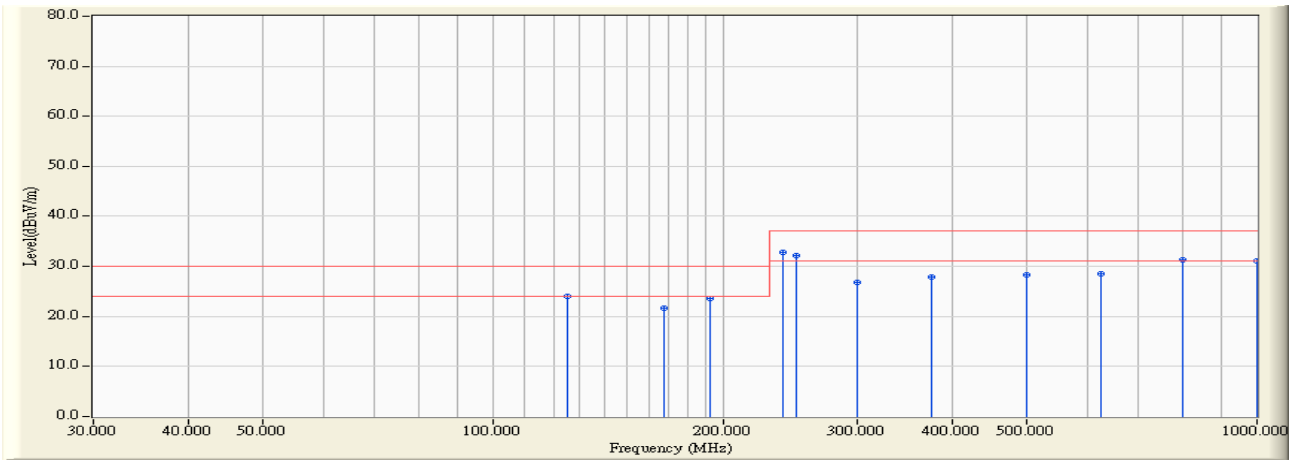


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		125.000	14.301	7.600	21.901	-8.099	30.000	QUASIPEAK
2		197.700	12.400	12.900	25.300	-4.700	30.000	QUASIPEAK
3		240.000	15.019	16.500	31.519	-5.481	37.000	QUASIPEAK
4		250.000	16.196	16.600	32.796	-4.204	37.000	QUASIPEAK
5		323.600	17.987	9.000	26.987	-10.013	37.000	QUASIPEAK
6		400.000	20.699	7.100	27.799	-9.201	37.000	QUASIPEAK
7		500.000	22.901	8.200	31.101	-5.899	37.000	QUASIPEAK
8		771.400	26.760	3.100	29.860	-7.140	37.000	QUASIPEAK
9	*	817.600	27.330	5.500	32.829	-4.171	37.000	QUASIPEAK
10		960.000	28.638	2.100	30.738	-6.262	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site : Site5	**Time : 2013/03/13 - 15:16**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4**

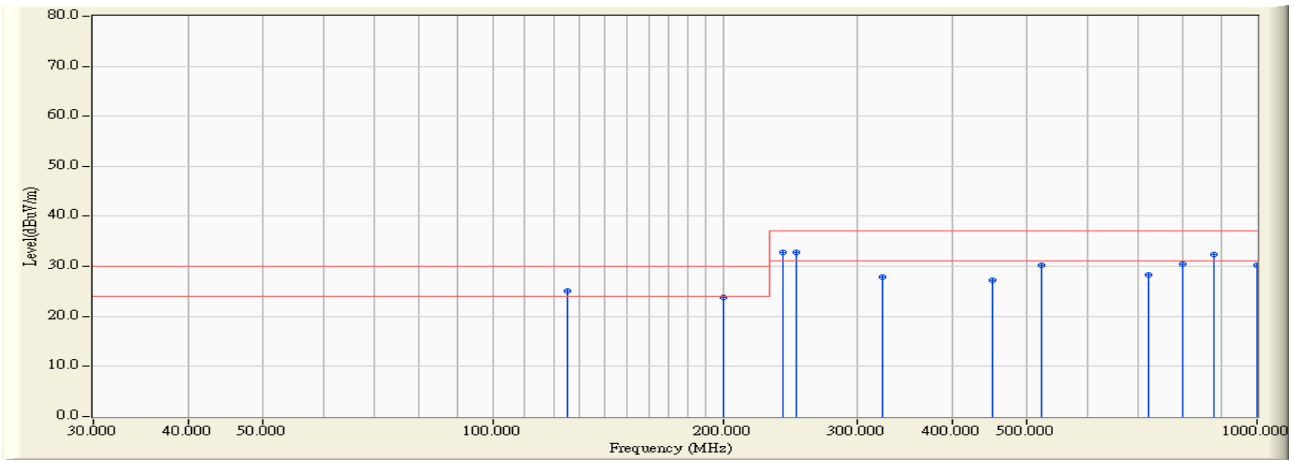


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		125.000	14.301	9.800	24.101	-5.899	30.000	QUASIPEAK
2		167.500	12.526	9.200	21.725	-8.275	30.000	QUASIPEAK
3		192.100	12.400	11.100	23.500	-6.500	30.000	QUASIPEAK
4	*	240.000	15.019	17.700	32.719	-4.281	37.000	QUASIPEAK
5		250.000	16.196	16.000	32.196	-4.804	37.000	QUASIPEAK
6		300.000	17.297	9.500	26.797	-10.203	37.000	QUASIPEAK
7		375.000	19.727	8.100	27.827	-9.173	37.000	QUASIPEAK
8		500.000	22.901	5.400	28.301	-8.699	37.000	QUASIPEAK
9		625.000	24.850	3.700	28.550	-8.450	37.000	QUASIPEAK
10		800.000	27.100	4.200	31.300	-5.700	37.000	QUASIPEAK
11		1000.000	29.200	2.000	31.200	-5.800	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site : Site5	**Time : 2013/03/13 - 15:36**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4**

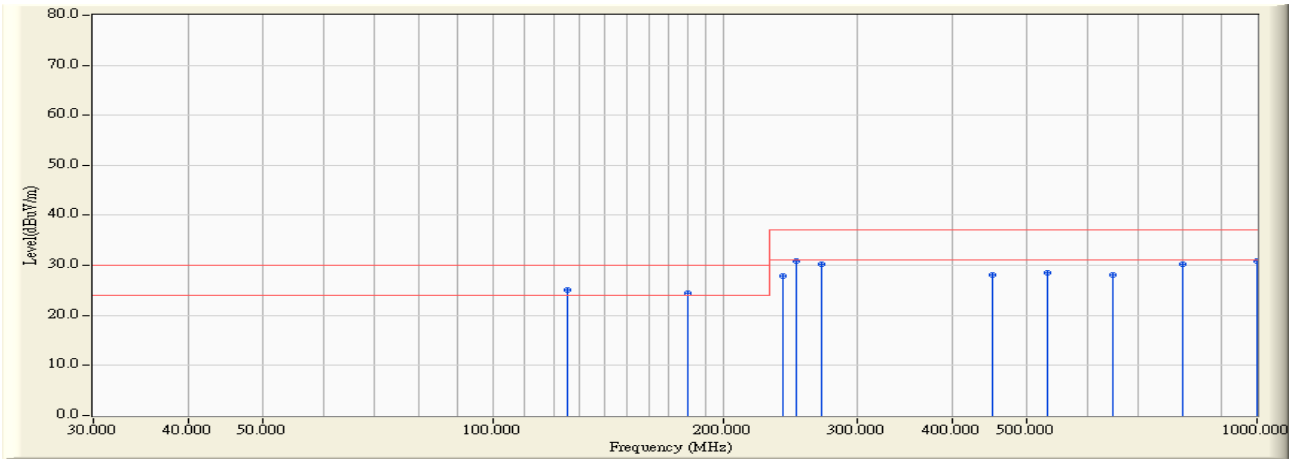


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		125.000	14.301	10.900	25.201	-4.799	30.000	QUASIPEAK
2		200.000	12.400	11.400	23.800	-6.200	30.000	QUASIPEAK
3		240.000	15.019	17.800	32.819	-4.181	37.000	QUASIPEAK
4	*	250.000	16.196	16.700	32.896	-4.104	37.000	QUASIPEAK
5		323.400	17.979	9.900	27.879	-9.121	37.000	QUASIPEAK
6		450.000	21.700	5.600	27.300	-9.700	37.000	QUASIPEAK
7		523.000	23.657	6.600	30.257	-6.743	37.000	QUASIPEAK
8		720.000	25.717	2.600	28.317	-8.683	37.000	QUASIPEAK
9		800.000	27.100	3.400	30.500	-6.500	37.000	QUASIPEAK
10		880.000	27.960	4.500	32.460	-4.540	37.000	QUASIPEAK
11		1000.000	29.200	1.100	30.300	-6.700	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site : Site5	**Time : 2013/03/13 - 14:26**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5**

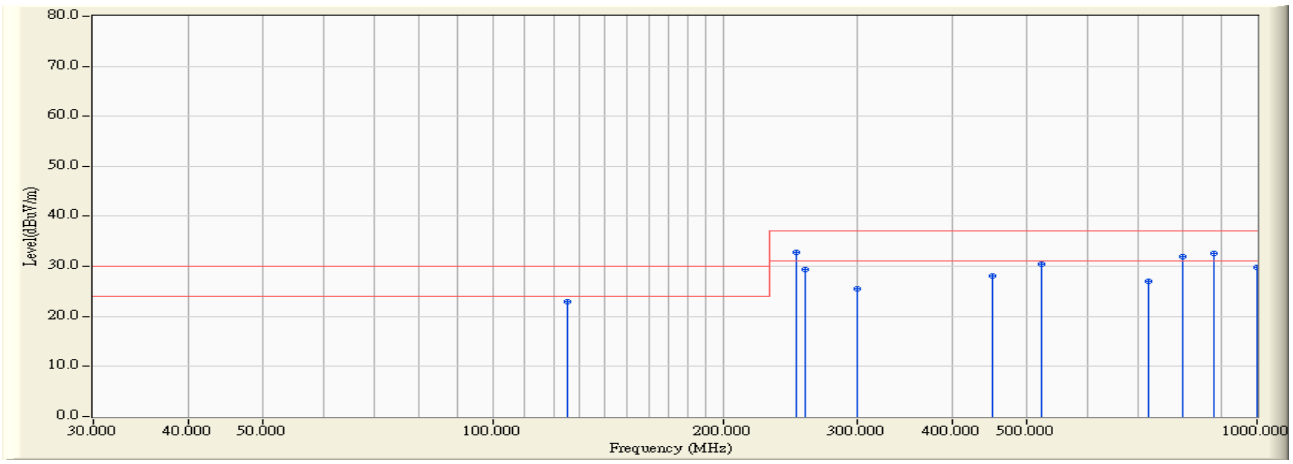


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	125.000	14.301	10.700	25.001	-4.999	30.000	QUASIPEAK
2		179.900	12.404	12.100	24.505	-5.495	30.000	QUASIPEAK
3		240.000	15.019	12.800	27.819	-9.181	37.000	QUASIPEAK
4		250.000	16.196	14.600	30.796	-6.204	37.000	QUASIPEAK
5		269.750	16.387	13.800	30.187	-6.813	37.000	QUASIPEAK
6		450.000	21.700	6.400	28.100	-8.900	37.000	QUASIPEAK
7		533.000	23.993	4.600	28.592	-8.408	37.000	QUASIPEAK
8		647.750	25.079	3.000	28.079	-8.921	37.000	QUASIPEAK
9		800.000	27.100	3.100	30.200	-6.800	37.000	QUASIPEAK
10		1000.000	29.200	1.600	30.800	-6.200	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site : Site5	**Time : 2013/03/13 - 14:41**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5**

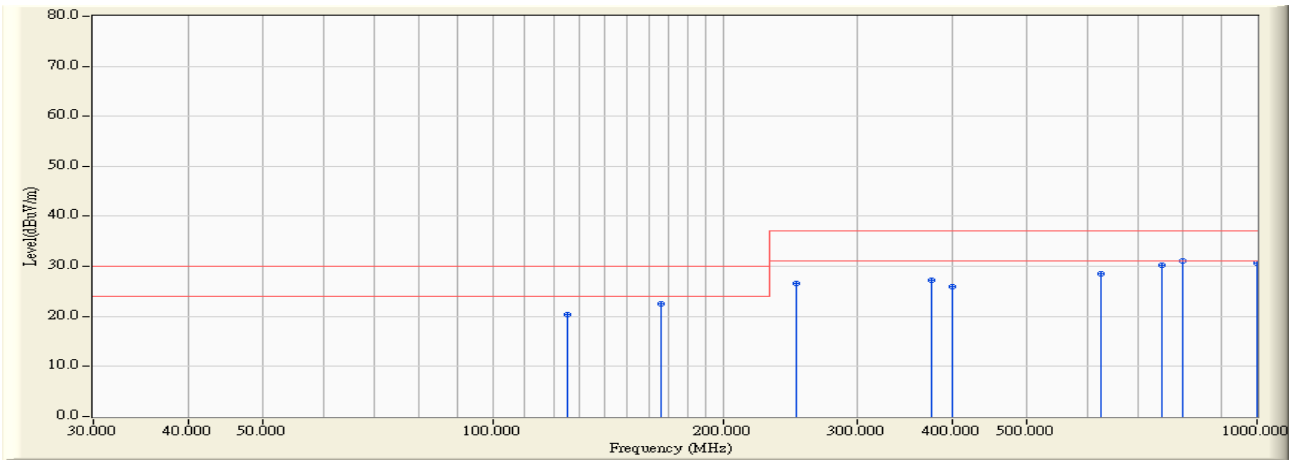


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		125.000	14.301	8.700	23.001	-6.999	30.000	QUASIPEAK
2	*	250.000	16.196	16.700	32.896	-4.104	37.000	QUASIPEAK
3		256.000	16.729	12.700	29.429	-7.571	37.000	QUASIPEAK
4		300.000	17.297	8.300	25.597	-11.403	37.000	QUASIPEAK
5		450.000	21.700	6.400	28.100	-8.900	37.000	QUASIPEAK
6		522.000	23.626	6.900	30.526	-6.474	37.000	QUASIPEAK
7		720.000	25.717	1.200	26.917	-10.083	37.000	QUASIPEAK
8		800.000	27.100	4.800	31.900	-5.100	37.000	QUASIPEAK
9		878.000	27.950	4.700	32.650	-4.350	37.000	QUASIPEAK
10		1000.000	29.200	0.600	29.800	-7.200	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site : Site5	**Time : 2013/03/08 - 11:16**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 6**

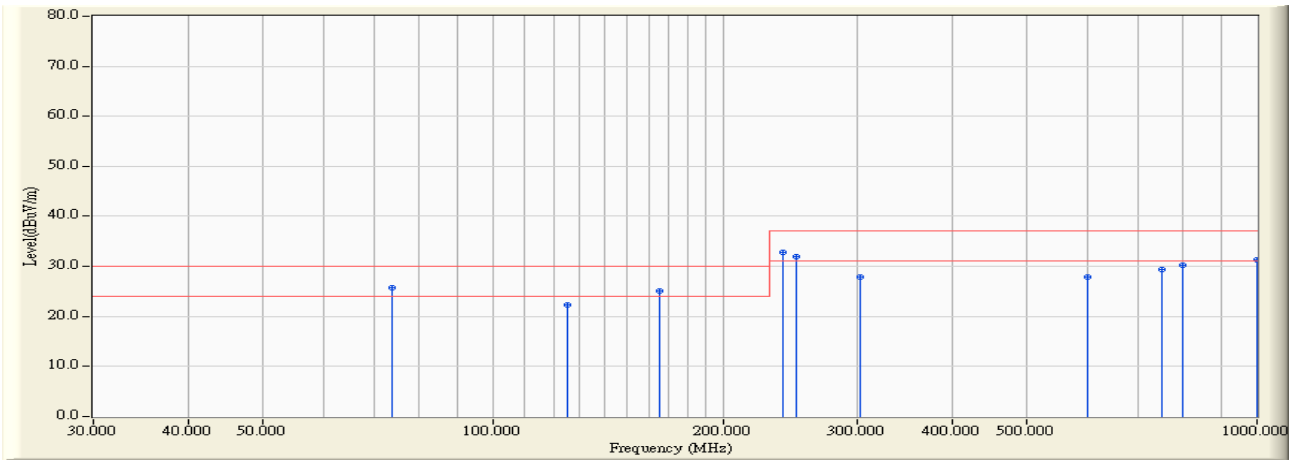


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		125.000	14.301	6.000	20.301	-9.699	30.000	QUASIPEAK
2		165.650	12.475	10.100	22.575	-7.425	30.000	QUASIPEAK
3		250.000	16.196	10.500	26.696	-10.304	37.000	QUASIPEAK
4		375.000	19.727	7.600	27.327	-9.673	37.000	QUASIPEAK
5		400.000	20.699	5.300	25.999	-11.001	37.000	QUASIPEAK
6		625.000	24.850	3.700	28.550	-8.450	37.000	QUASIPEAK
7		750.000	26.493	3.700	30.193	-6.807	37.000	QUASIPEAK
8	*	800.000	27.100	4.000	31.100	-5.900	37.000	QUASIPEAK
9		1000.000	29.200	1.500	30.700	-6.300	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site : Site5	**Time : 2013/03/08 - 11:36**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 6**

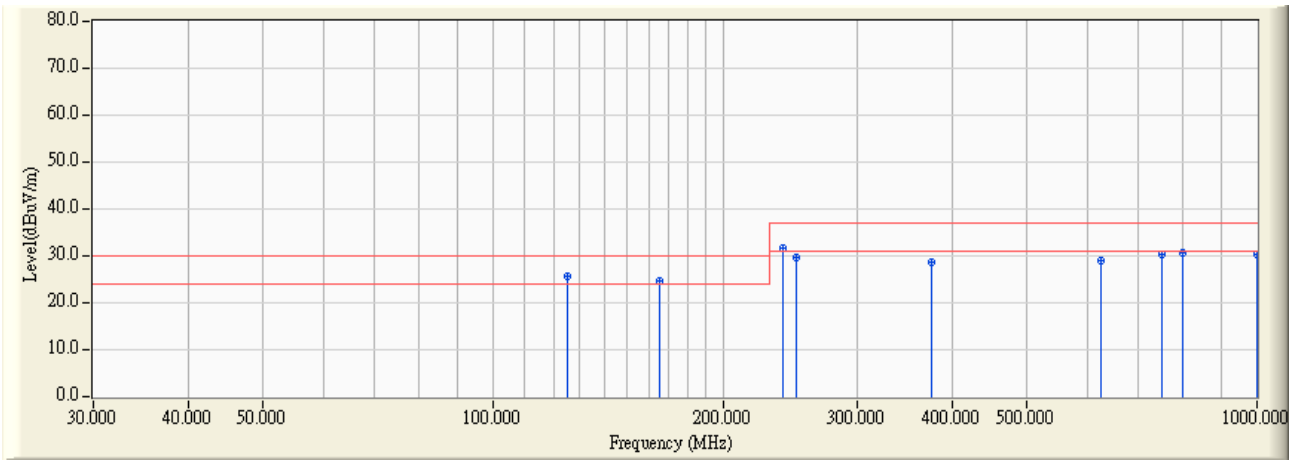


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		73.700	8.565	17.200	25.765	-4.235	30.000	QUASIPEAK
2		125.000	14.301	8.000	22.301	-7.699	30.000	QUASIPEAK
3		165.000	12.456	12.600	25.055	-4.945	30.000	QUASIPEAK
4	*	240.000	15.019	17.900	32.919	-4.081	37.000	QUASIPEAK
5		250.000	16.196	15.700	31.896	-5.104	37.000	QUASIPEAK
6		303.000	17.389	10.500	27.889	-9.111	37.000	QUASIPEAK
7		600.000	24.600	3.300	27.900	-9.100	37.000	QUASIPEAK
8		750.000	26.493	2.800	29.293	-7.707	37.000	QUASIPEAK
9		800.000	27.100	3.200	30.300	-6.700	37.000	QUASIPEAK
10		1000.000	29.200	2.100	31.300	-5.700	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site : Site5	**Time : 2013/03/13 - 10:21**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 7**

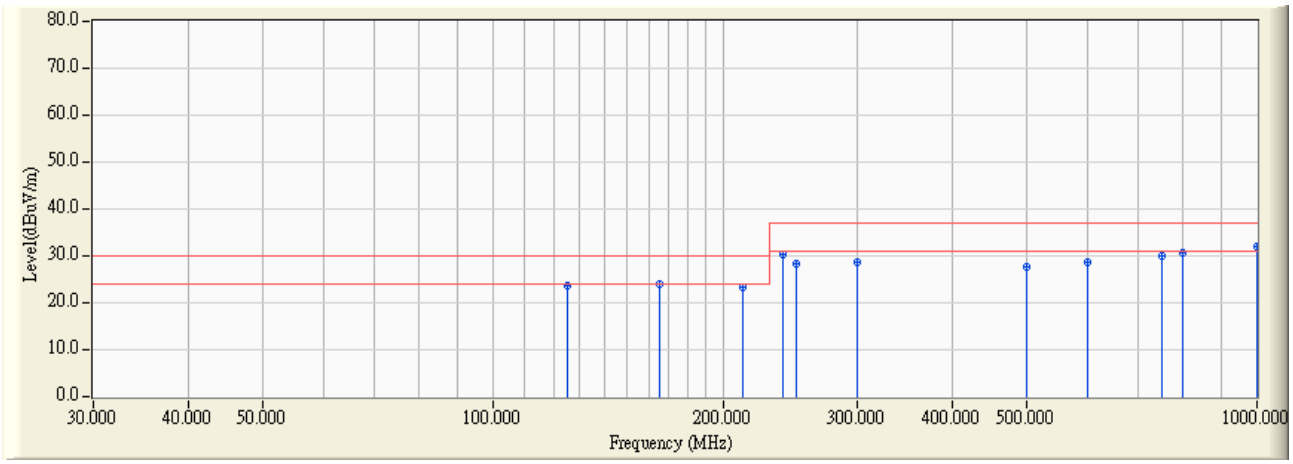


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	125.000	14.301	11.400	25.701	-4.299	30.000	QUASIPEAK
2		165.000	12.456	12.100	24.555	-5.445	30.000	QUASIPEAK
3		240.000	15.019	16.800	31.819	-5.181	37.000	QUASIPEAK
4		250.000	16.196	13.400	29.596	-7.404	37.000	QUASIPEAK
5		375.000	19.727	9.000	28.727	-8.273	37.000	QUASIPEAK
6		625.000	24.850	4.100	28.950	-8.050	37.000	QUASIPEAK
7		750.000	26.493	3.800	30.293	-6.707	37.000	QUASIPEAK
8		800.000	27.100	3.400	30.500	-6.500	37.000	QUASIPEAK
9		1000.000	29.200	1.100	30.300	-6.700	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site : Site5	**Time : 2013/03/13 - 10:51**
Limit : CISPR_B_10M_QP	**Margin : 6**
EUT : Notebook P.C.	**Probe : Site5_CBL6112_10M_1207 - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 7**

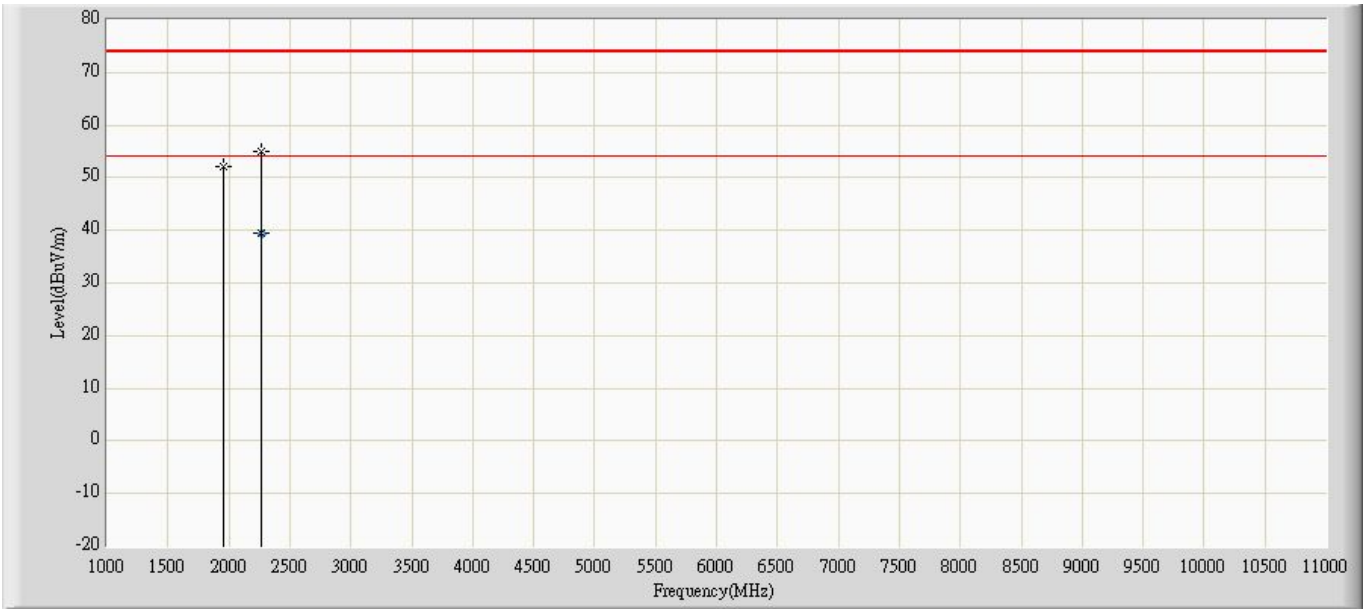


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		125.000	14.301	9.500	23.801	-6.199	30.000	QUASIPEAK
2		165.000	12.456	11.700	24.155	-5.845	30.000	QUASIPEAK
3		212.800	12.380	10.900	23.280	-6.720	30.000	QUASIPEAK
4		240.000	15.019	15.200	30.219	-6.781	37.000	QUASIPEAK
5		250.000	16.196	12.100	28.296	-8.704	37.000	QUASIPEAK
6		300.000	17.297	11.400	28.697	-8.303	37.000	QUASIPEAK
7		500.000	22.901	4.700	27.601	-9.399	37.000	QUASIPEAK
8		600.000	24.600	4.200	28.800	-8.200	37.000	QUASIPEAK
9		750.000	26.493	3.400	29.893	-7.107	37.000	QUASIPEAK
10		800.000	27.100	3.600	30.700	-6.300	37.000	QUASIPEAK
11	*	1000.000	29.200	2.800	32.000	-5.000	37.000	QUASIPEAK

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(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/19 - 16:46**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Horizontal**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 1	

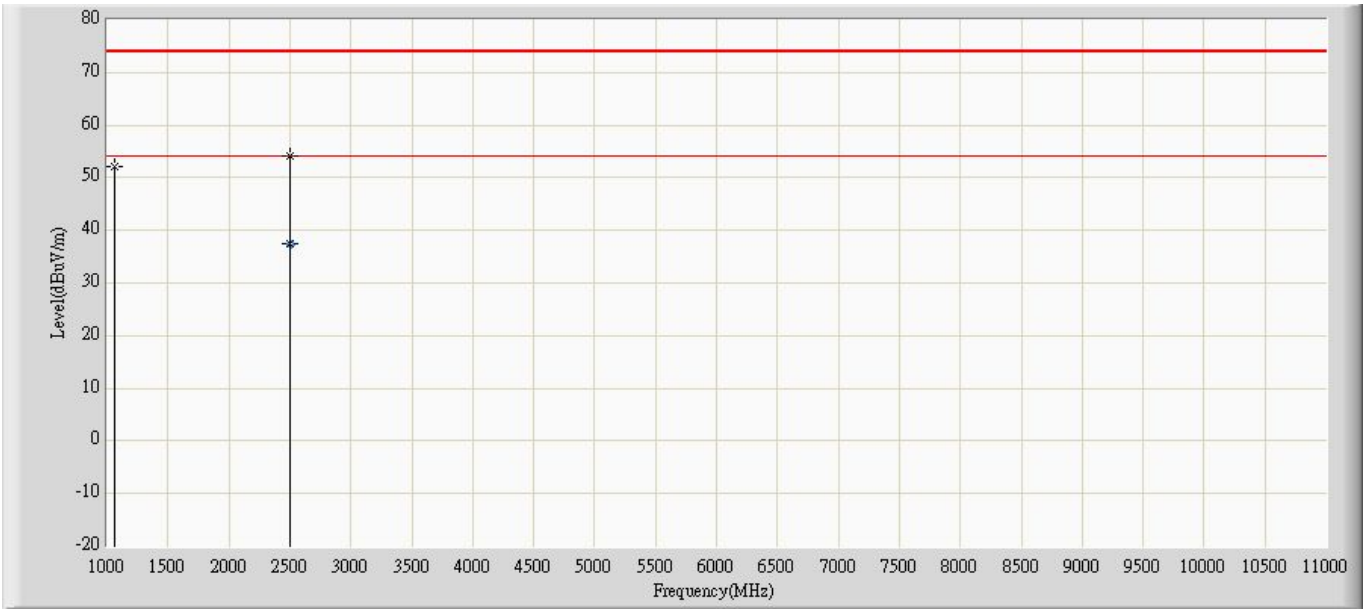


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			1950.000	52.205	50.880	-21.795	74.000	1.325	PK
2			2263.000	55.059	52.840	-18.941	74.000	2.219	PK
3		*	2263.000	39.619	37.400	-14.381	54.000	2.219	AV

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 + Factor(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/19 - 16:52**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Vertical**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 1	

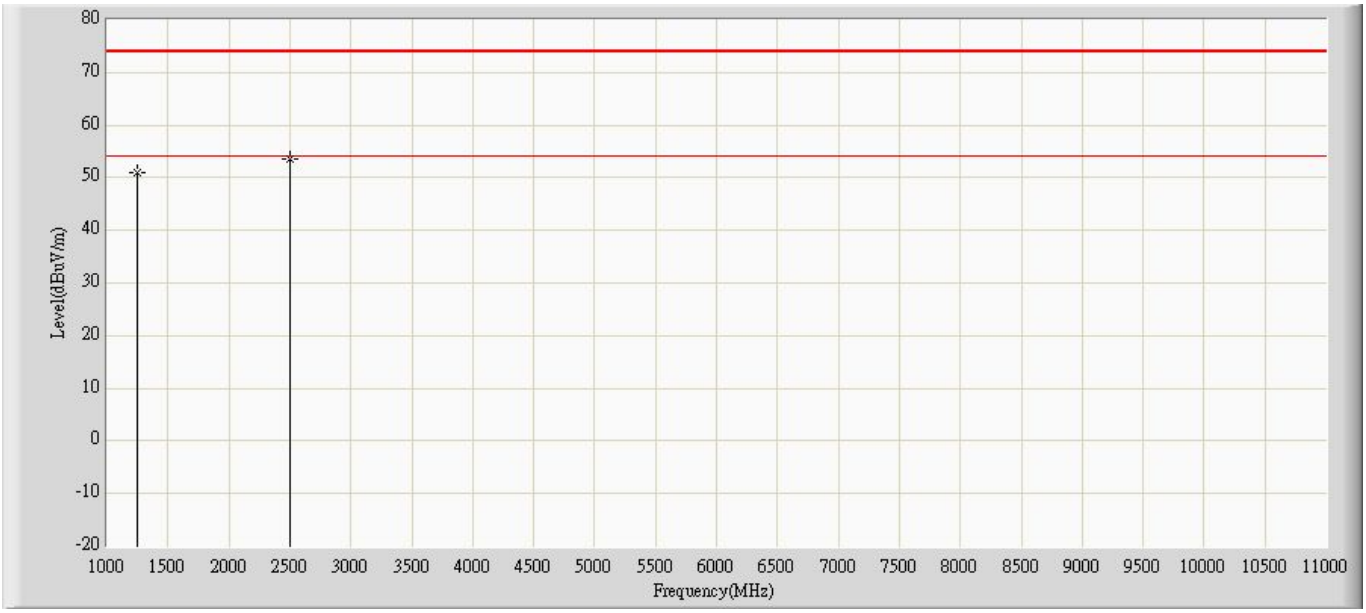


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			1066.000	52.179	54.620	-21.821	74.000	-2.441	PK
2			2500.000	54.199	51.500	-19.801	74.000	2.699	PK
3		*	2500.000	37.539	34.840	-16.461	54.000	2.699	AV

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 + Factor(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/13 - 01:48**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Horizontal**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 4	

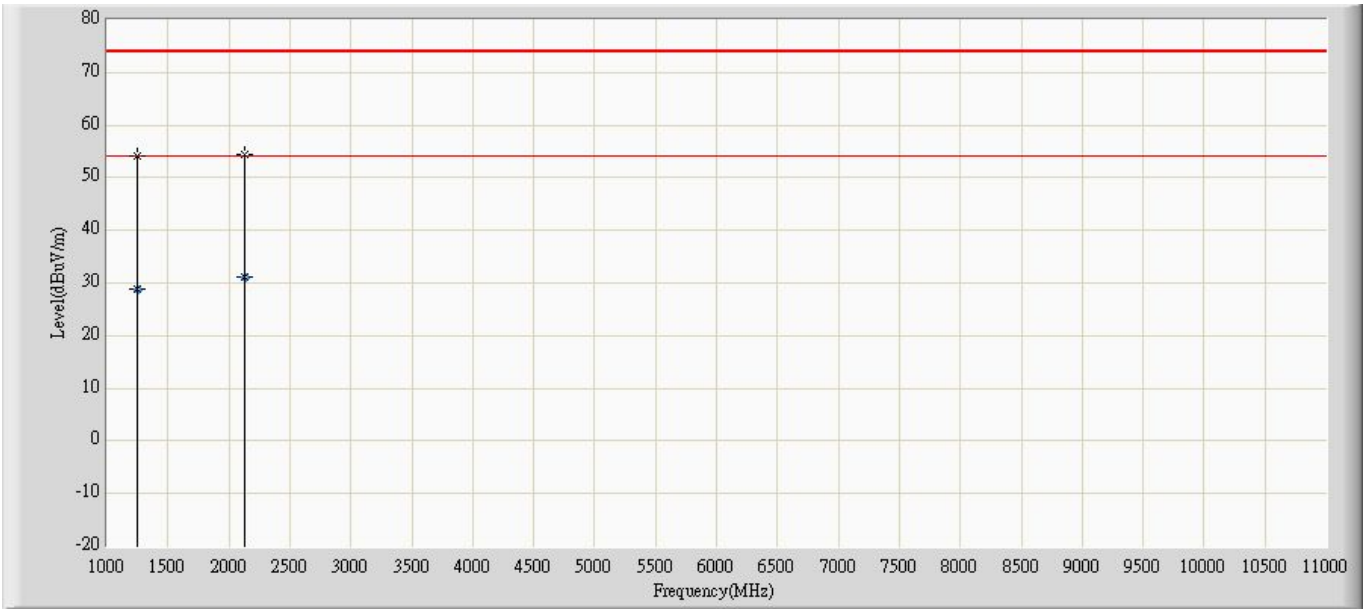


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			1246.000	50.945	53.200	-23.055	74.000	-2.255	PK
2		*	2500.000	53.569	50.870	-20.431	74.000	2.699	PK

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 + Factor(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/13 - 01:49**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Vertical**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 4	

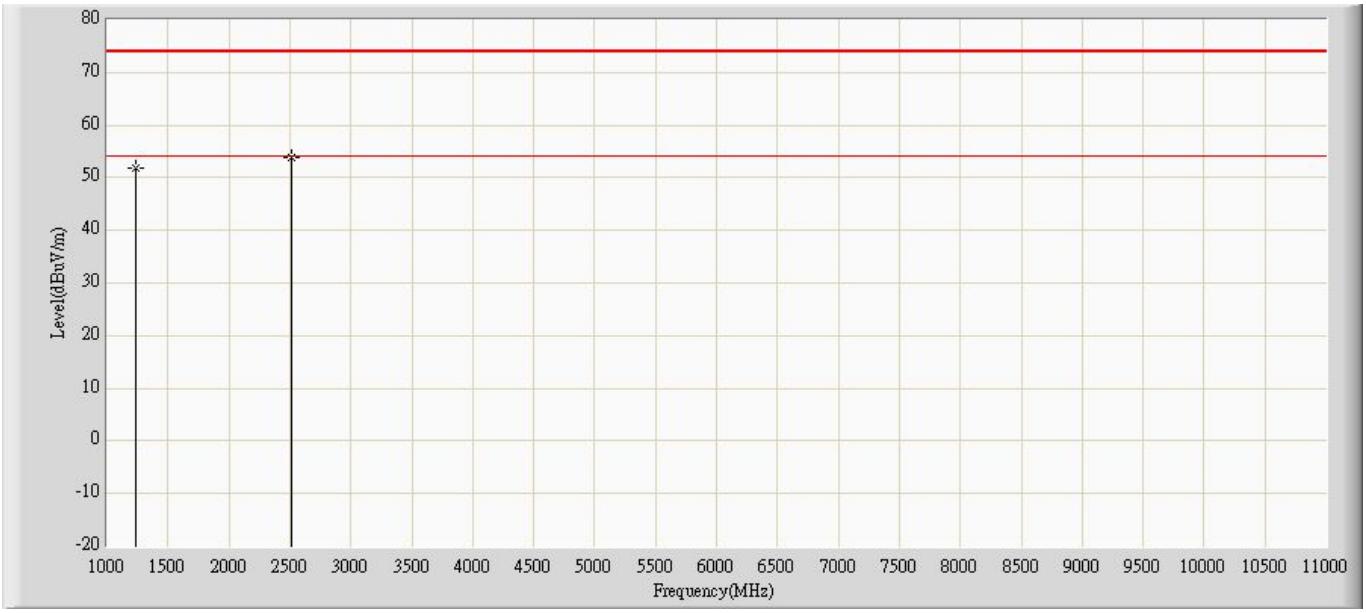


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			1250.000	54.147	56.400	-19.853	74.000	-2.253	PK
2			1250.000	28.707	30.960	-25.293	54.000	-2.253	AV
3		*	2125.000	54.415	52.460	-19.585	74.000	1.955	PK
4			2125.000	31.055	29.100	-22.945	54.000	1.955	AV

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 + Factor(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/13 - 02:04**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Horizontal**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 5	

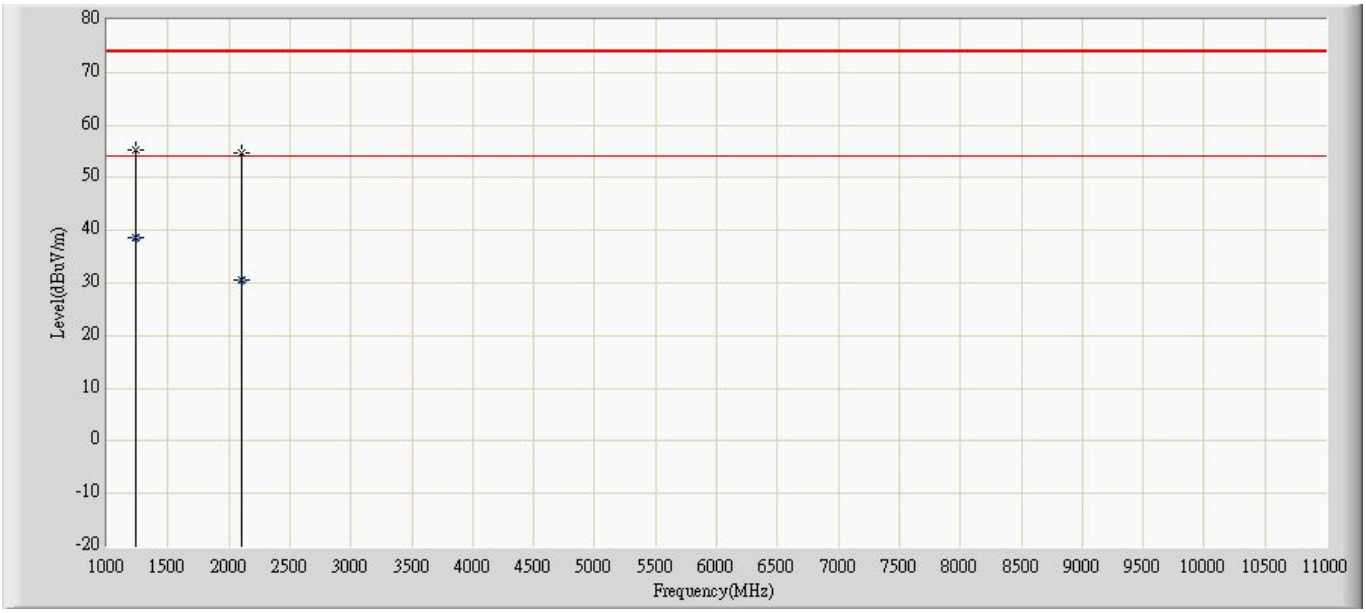


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			1230.000	51.826	54.100	-22.174	74.000	-2.275	PK
2		*	2510.000	53.923	51.200	-20.077	74.000	2.723	PK

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 + Factor(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/13 - 02:09**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Vertical**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 5	

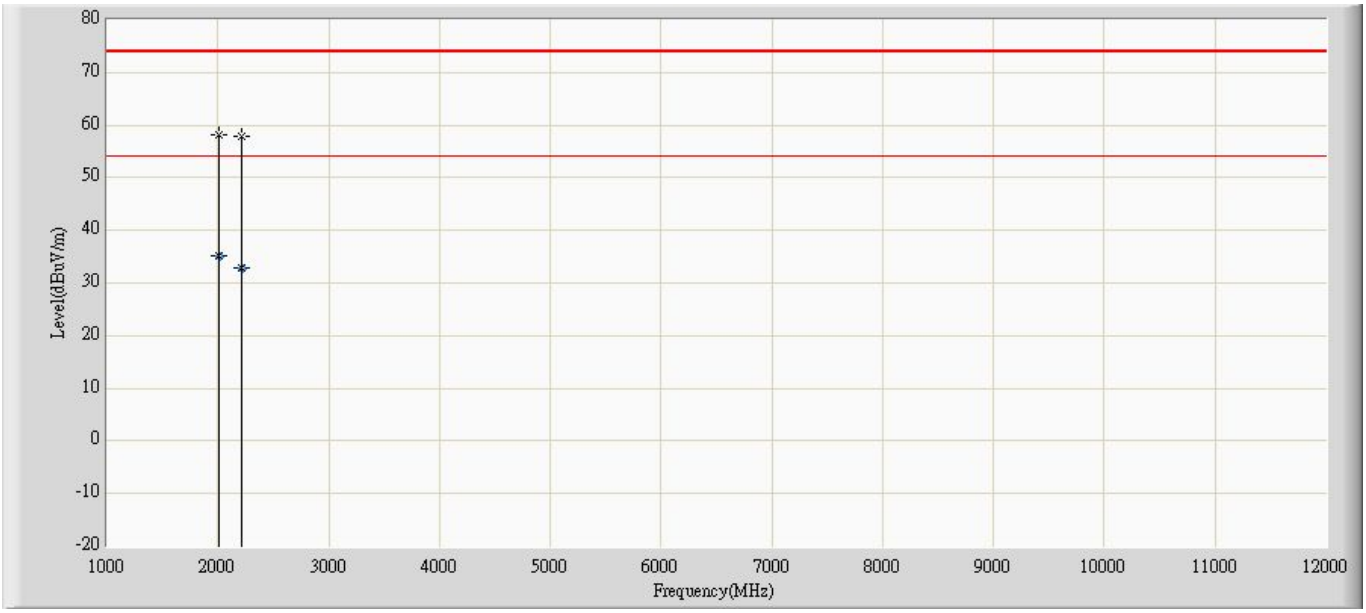


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			1230.000	55.226	57.500	-18.774	74.000	-2.275	PK
2		*	1230.000	38.626	40.900	-15.374	54.000	-2.275	AV
3			2110.000	54.822	52.900	-19.178	74.000	1.922	PK
4			2110.000	30.522	28.600	-23.478	54.000	1.922	AV

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 + Factor(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/13 - 02:40**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Horizontal**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 6	

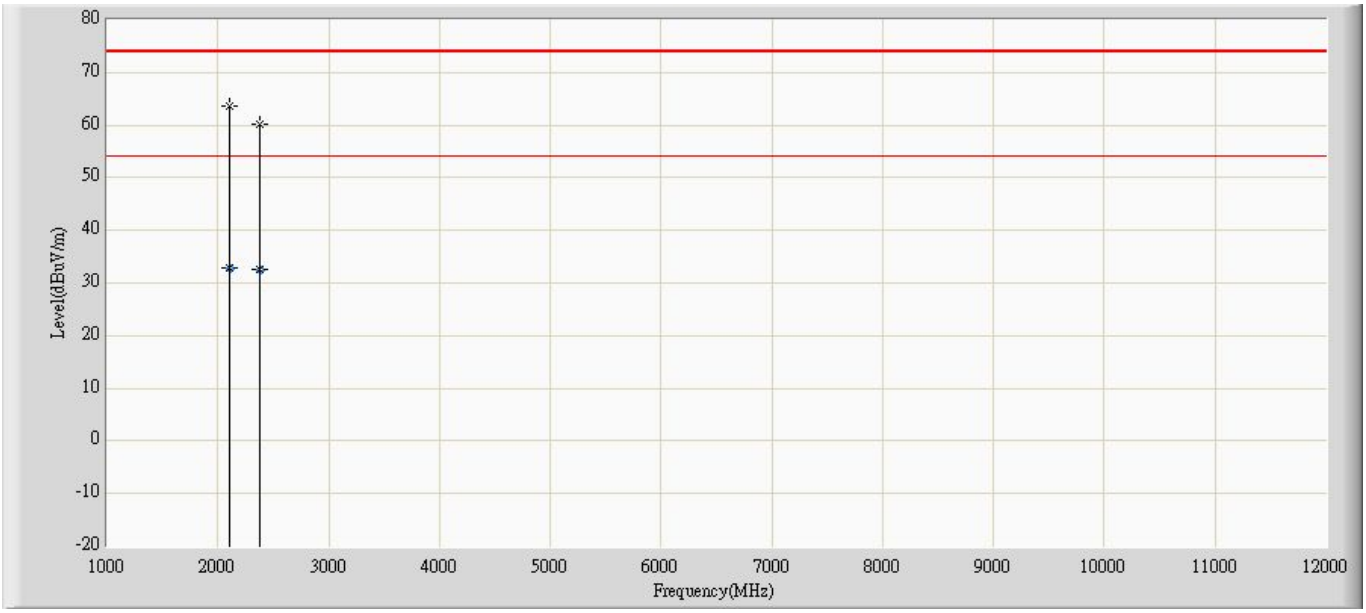


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2010.000	58.246	56.520	-15.754	74.000	1.726	PK
2			2010.000	35.126	33.400	-18.874	54.000	1.726	AV
3			2220.000	57.821	55.680	-16.179	74.000	2.141	PK
4			2220.000	32.741	30.600	-21.259	54.000	2.141	AV

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 + Factor(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/13 - 02:41**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Vertical**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 6	

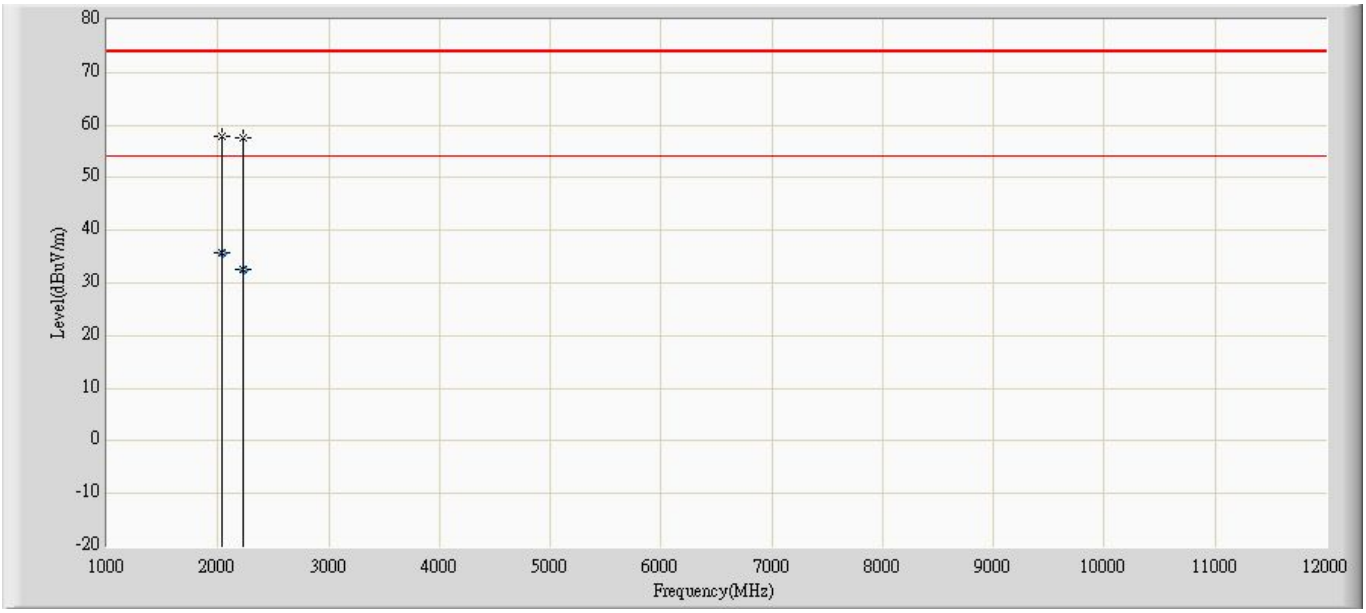


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2110.000	63.572	61.650	-10.428	74.000	1.922	PK
2			2110.000	32.822	30.900	-21.178	54.000	1.922	AV
3			2385.000	60.049	57.580	-13.951	74.000	2.469	PK
4			2385.000	32.569	30.100	-21.431	54.000	2.469	AV

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 + Factor(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/13 - 02:54**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Horizontal**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 7	

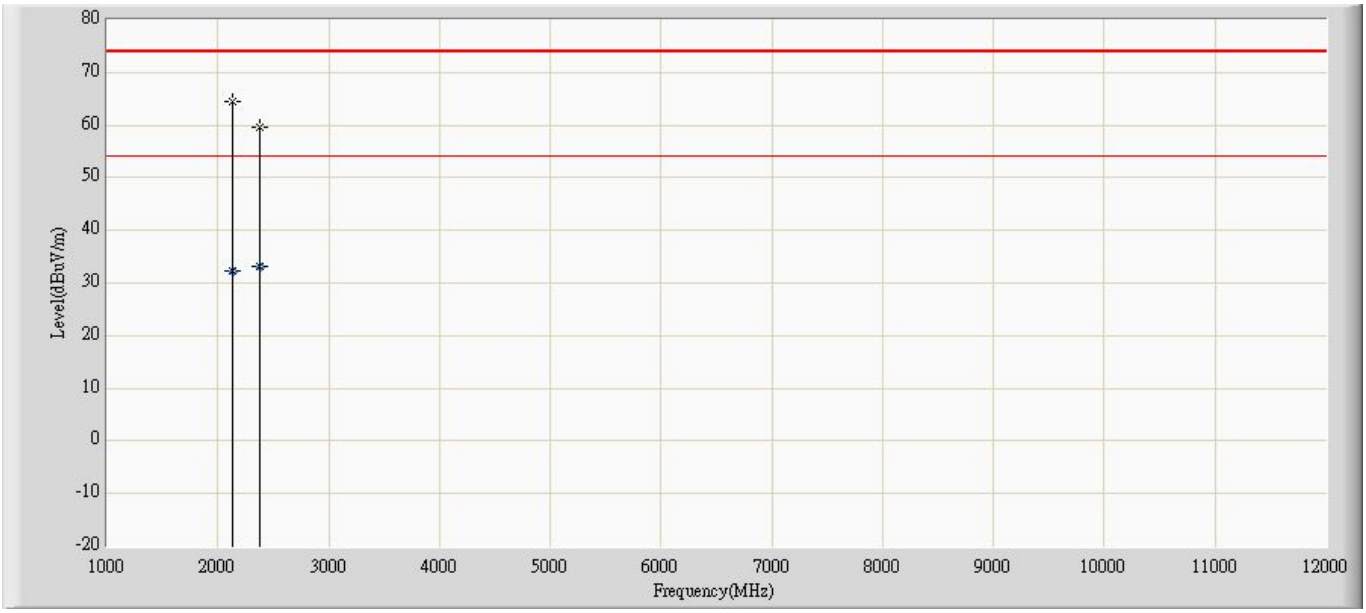


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2035.000	57.968	56.200	-16.032	74.000	1.767	PK
2			2035.000	35.868	34.100	-18.132	54.000	1.767	AV
3			2230.000	57.561	55.400	-16.439	74.000	2.161	PK
4			2230.000	32.561	30.400	-21.439	54.000	2.161	AV

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 + Factor(Antenna + Cable – Amp).

Site: CB7	**Time: 2013/03/13 - 02:55**
Limit: FCC_B_(Above_1G)	**Margin: 0**
Probe: CB7_Horn_3117_1204	**Polarity: Vertical**
EUT : Notebook P.C.	**Power: AC 120V/60Hz**
Note : Mode 7	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2130.000	64.364	62.400	-9.636	74.000	1.964	PK
2			2130.000	32.364	30.400	-21.636	54.000	1.964	AV
3			2380.000	59.557	57.100	-14.443	74.000	2.457	PK
4			2380.000	33.157	30.700	-20.843	54.000	2.457	AV

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 + Factor(Antenna + Cable – Amp).

4.6. Test Photograph

Test Mode : Mode 1

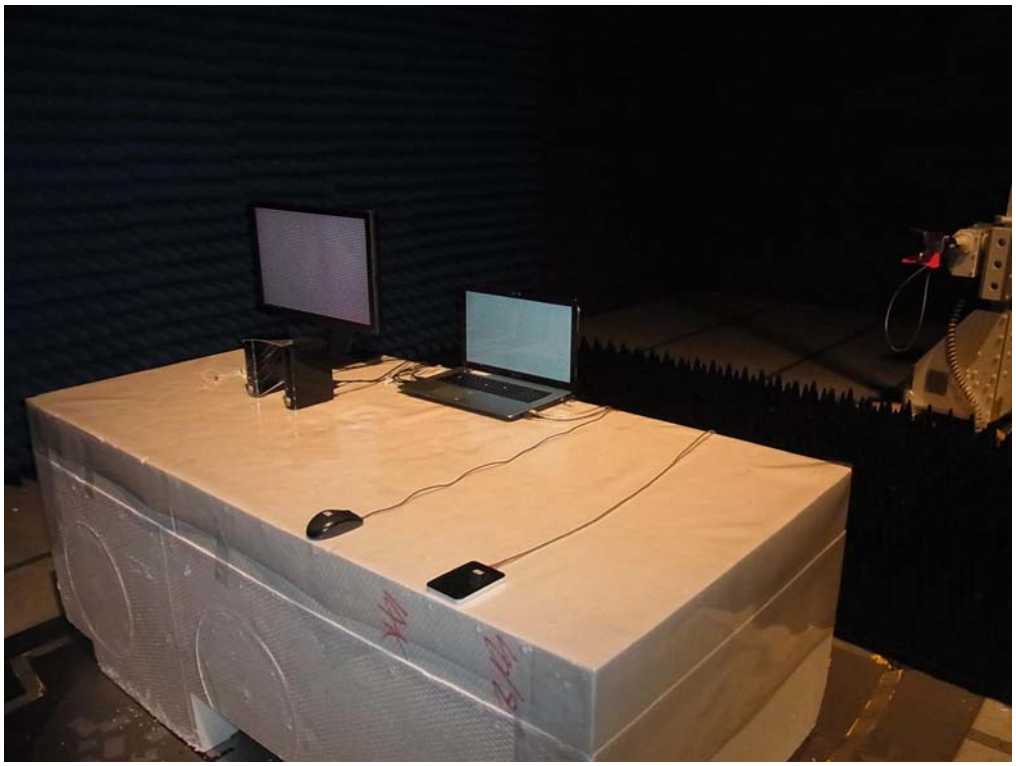
Description : Front View of Radiated Test

Test Mode : Mode 1

Description : Back View of Radiated Test

Test Mode : Mode 1

Description : Front View of High Frequency Radiated Test



Test Mode : Mode 4

Description : Front View of Radiated Test

Test Mode : Mode 4

Description : Back View of Radiated Test

Test Mode : Mode 4

Description : Front View of High Frequency Radiated Test

Test Mode : Mode 5

Description : Front View of Radiated Test

Test Mode : Mode 5

Description : Back View of Radiated Test

Test Mode : Mode 5

Description : Front View of High Frequency Radiated Test

Test Mode : Mode 6

Description : Front View of Radiated Test

Test Mode : Mode 6

Description : Back View of Radiated Test

Test Mode : Mode 6

Description : Front View of High Frequency Radiated Test

Test Mode : Mode 7

Description : Front View of Radiated Test

Test Mode : Mode 7

Description : Back View of Radiated Test

Test Mode : Mode 7

Description : Front View of High Frequency Radiated Test

5. Attachment

➢ EUT Photograph

(1) EUT Photo

(2) EUT Photo

(3) EUT Photo

(4) EUT Photo

(5) EUT Photo

(6) EUT Photo

(7) EUT Photo

(8) EUT Photo

(9) EUT Photo

(10) EUT Photo

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