



Test Report

Product Name : Notebook PC
Model No. : G50V, G50G, G51V, G60V,
G61V, G60J, VX5, G51J

Applicant : ASUSTEK COMPUTER INC.
Address : NO.150, Li-Te Dd., Peitou, Taipei, Taiwan, R.O.C.

Date of Receipt : Nov. 25, 2009
Issued Date : Dec. 14, 2009
Test Date : Oct. 25, 2009~Nov. 25, 2009
Report No. : 09B050R-ITUSP01V02
Report Version : V2.0

This appendix report was based on Quietek report No. 095S057

The test results relate only to the samples tested.

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

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Test Report Certification


Issued Date : Dec. 14, 2009


Report No. : 09B050R-ITUSP01V02



Product Name : Notebook PC
 Applicant : ASUSTEK COMPUTER INC.
 Address : NO.150, Li-Te Dd., Peitou, Taipei, Taiwan, R.O.C.
 Manufacturer(1) : PEGATRON CORPORATION Taoyuan Mfg
 Manufacturer(2) : PROTEK (Shanghai) Limited
 Model No. : G50V, G50G, G51V, G60V, G61V, G60J, VX5, G51J
 Brand Name : ASUS
 EUT Voltage : AC 100-240 V / 50-60 Hz
 Applicable Standard : FCC Part 15 Subpart B: 2008
 ANSI C63.4: 2003
 Test Result : Complied
 Performed Location : Quietek Corporation (Linkou Laboratory)
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Laboratory Information

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

Taiwan R.O.C.	: BSMI, NCC, TAF
Germany	: TUV Rheinland
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/emc/accreditations/accreditations.htm>
The address and introduction of Quietek Corporation's laboratories can be founded in our Web site : <http://www.quietek.com/>

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1. General Information**1.1. EUT Description**

Product Name	Notebook PC
Model No.	G50V, G50G, G51V, G60V, G61V, G60J, VX5, G51J
Brand Name	ASUS

Note:

This product includes eight models for different marketing requirement.

Keypart List (The present one) -The fifth updated

Vendor	Model	Remark
MB		
ASUS	G60JX	
CPU		
Intel	INT I7-620M 2.66G/4MB	989pin
Intel	INT I7-540M 2.53G/3MB	989pin
Intel	INT I5-520M 2.4G/3MB	989pin
Intel	INT I3-330M 2.13G	989pin
Intel	INT I5-430M 2.26G	989pin
VGA Card		
nVidia	N11E-GS1	
HDD		
TOSHIBA	MK6465GSX/GJ001J	640GB, 5400rpm,
Panel		
Samsung	LTN160AT06	16" HD LED (1366x768) 16:9
CPT	CLAA156WA07A	15.6" 3D Panel (1366 *3H*768 V) 16:9
ODD		
PLDS	DS-4E1S	BD COMBO
Memory		
SAMSUNG	M471B2873EH1-CF8	1GB 1066 DDR3 SO-DIMM
Hynix	HMT112S6BFR6C-G7	1GB 1066 DDR3 SO-DIMM
KINGSTON	ASU1333D3S9SR8	1GB 1333 DDR3 SO-DIMM
SAMSUNG	M471B5673EH1-CF8	2GB 1066 DDR3 SO-DIMM
HYNIX	HMT125S6BFR8C-G7	2GB 1066 DDR3 SO-DIMM
KINGSTON	ASU1333D3S9DR8	2GB 1333 DDR3 SO-DIMM
WLAN		
Atheros	AR5B95	802.11B/G/N 1*1 WLAN HMC
Intel	622ANHMW	HMC, Puma Peak, 2x2, WiFi Link 6200

Keypart List – The fourth updated

Vendor	Model Name	Comments
CPU		
Intel	Clarksfield 1.6GHz	Clarksfield 1.6GHz, 45W
Intel	Clarksfield 1.73GHz	Clarksfield 1.73GHz, 45W
Intel	Clarksfield 2.0GHz	Clarksfield 2.0GHz, 55W
VGA		
nVidia	N10E-GE	
16" HD LED (1366x768)		
Hannstar	HSD160PHW1	16" HD LED (1366x768)
Samsung	LTN160AT01	16" WXGA (1366*768)
Samsung	LTN160HT01	16" Full HD (1920*1080)
12.7 mm SATA ODD		
Super Multi		
HLDS	GT30N	SATA SMD
2.5" SATA HDD		
9.5 mm height		
Seagate	ST9250410AS	250G, 7200rpm
Seagate	ST9320423AS	320G, 7200rpm
Seagate	ST9500420AS	500G, 7200rpm
Seagate	ST9250315AS	250G, 5400rpm
Seagate	ST9320325AS	320G, 5400rpm
Seagate	ST9500325AS	500G, 5400rpm
Hitachi	HTS545025B9A300	250GB, 5400rpm
Hitachi	HTS545032B9A300	320GB, 5400rpm
Hitachi	HTS545050B9A300	500GB, 5400rpm
Mini-Card WLAN (PCI-E)		
Intel	512AN_HMW	HMC, 802.11abgn, Shirley Peak 1x2, WiFi Link 5100
Intel	533AN_HMW	HMC, 802.11abgn, Shirley Peak 3x3, WiFi Link 5300
Intel	112BNHMW	HMC, 802.11bgn, Condor Peak 1x2, 112BNHMW

Keypart List – The third updated

Vendor	Model	Remark
Motherboard		
ASUS	G60VX	
CPU		
INTEL	T9550	2.66GHz
INTEL	P8800	2.66GHz
INTEL	P8700	2.53GHz
INTEL	P7550	2.26GHz
INTEL	P7450	2.13GHz
INTEL	P7350	2.0GHz
INTEL	T6600	2.20GHz
INTEL	T6500	2.10GHz
INTEL	T6400	2.0GHz
INTEL	Q9100	2.26GHz
INTEL	Q9000	2.0GHz
VGA Card		
nVidia	N10E-GT1	
HDD		
Hitachi	HTS543225L9A300	250GB
Hitachi	HTS543232L9A300	250GB
LCD		
CMO	N156B6-L04	
LGD	LP156WH2	
AUO	B156HW01 V5	
Samsung	LTN160AT01-A05	
ODD		
Panasonic	UJ880A	
DDR		
Nanya	NT1GT64UH8D0FN-AD	1GB
Samsung	M470T5663EH3-CF7	2GB

Keypart List – The second updated

Vendor	Model Name	Comments
15.4 WSXGA+(1680x1050)		
SAMSUNG	LTN154P3-L02-G	200nits, 6.5mm, 600g, 16ms
VGA Card (ASUS pin define with MXM connector)		
Nvidia	NB9E-GE	Share with G71V/G50V
VGA RAM		
QIMONDA	HYB18H1G321AF-11	GDDR3 32M*32-1.1 PG-TFBGA136
SATA DVD-SuperMulti (5.25" 12.7mm)		
TSST	TS-L633A	S-Multi 8X/8X/5X/6X/6X
SATA Blu-Ray (5.25" 12.7mm)		
HLDS	CT10N	BLUERAY BD 0X/4.8X/0X/5X/4X/4X
SATA HDD (2.5" 12.5mm)		
HGST	HTS545050KTA300	SATA BRONCO-K 500G 5400R 2.5'
SATA HDD (2.5" 9.5mm)		
Seagate	ST9320320AS	SATA CROCKETT 320G 5400R 2.5'
WLAN		
AzureWave	AR5BXB63 (AW-GE 780)	802.11 B/G WLAN MPCI-E CARD
OLED		
RitDisplay	RGS31256032BH000	256x32pixel, 3.1 inch, 83.8 (W)x 41.2(H)mm, Driver IC: SSD 1326

Keypart List – The first updated

DEVICE	Model	Vender	SPEC
CPU	T9400	Intel	Penryn / 2.53GHz
VGA Graphics	NB9E-GS1	Nvidia	(GeForce 9800M GS), with GDDR3 512MB VRAM
LCD	N154Z1-L02	CMO	15.4" WSXGA+
HDD	ST9320421AS	Seagate	320GB / 7200rpm / SATA
Optical	UJ-870A	Panasonic	Super-Multi
WLAN Card	512AN MMW	Intel	Intel WiFi Link 5100
BATT	A33-M50	ASUS	7200 mAh / 3S3P / 11.1V
TV TUNER	MC770A	Yuan	--
Modem(選配)	LSI, D40	ASUS	MDC Module
Bluetooth Module	Azurewave, AW-BT253	Azurewave	--
AC Adap 120W	PA-1121-04AT	Liteon	120W, 3 pin

Keypart List – The original

CI317060183218-00 新申請案 Keyparts List			
ITEM	Vender	SPEC	Model
CPU	Intel	X9100	3.06GHz Penryn 1066MHz FSB, 6M L2, 44W
	Intel	T9600	2.8 GHz Penryn 1066MHz FSB, 6M L2, 35W
	Intel	T9500	2.6 GHz Penryn 1066MHz FSB, 6M L2, 35W
	Intel	T9400	2.53 GHz Penryn 1066MHz FSB, 6M L2, 35W
	Intel	P9500	2.53 GHz Penryn 1066MHz FSB, 6M L2, 25W
	Intel	P8600	2.4 GHz Penryn 1066MHz FSB, 3M L2, 25W
	Intel	P8400	2.26GHz Penryn 1066MHz FSB, 3M L2, 25W
	Intel	T5750	2.0GHz Merom 667MHz FSB, 2M L2, 35W
LCD	CMO	15.4"	N154Z1-L02
	AUO	15.4"	B154PW02 V2
	AUO	15.4"	B154SW01 VB
	CPT	15.4"	CLAA154WP05A N
	CMO	15.6"	N156B3-L02
	AUO	15.6"	B156XW01 V0
HDD	HGST	500GB, 5400rpm	HTS545050KTA300
	Seagate	250GB, 5400rpm	ST9250827AS
	WD	250GB, 5400rpm	WD2500BEVS
	WD	320GB, 5400rpm	WD3200BEVT
	Seagate	200GB, 7200rpm	ST9200420AS
Optical	HLDS	SuperMulti	GSA-T50N
	HLDS	SuperMulti	GSA-T50L
	TSST	SuperMulti	TS-L633
	Panasonic	SuperMulti	UJ870A
	SONY	BD COMBO	BC-5500S-AH
WLAN Card	INTEL	WiFi Link 5300	802.11abgn, Shirley Peak 3x3, 533AN_MMWG
	INTEL	WiFi Link 5100	802.11abgn ,Shirley Peak 1x2 ,512AN_MMWG
	INTEL	WIFI LINK 4965AGN	802.11agn KEDRON WLAN PCIE MOW1
	Azurewave	AW-NE771	802.11 n/b/g, WLAN MINICARD,AR5B91-X
Battery	ASUS	--	A32-M50, 11.1V 4800mAh
	ASUS	--	A33-M50, 11.1V 7200mAh
TV TUNER	YUAN	DVB-T	MC872-1D
	YUAN	Hybrid (DVB-T/WW)	MC770A
Modem	LSI	--	D40
Inverter	ASUS	--	08\$21VJ10##& {\$: - or G ("="Not GA version or "G" =GA version), #: 0-9 (PCB version); &:0-9 or A-Z (Vendor code)}
Bluetooth Module	Azurewave	--	Azurewave, AW-BT253
AC Adap 120W	DELTA(ASUS)	3 pin, 120W	ADP-120ZB BB
	LITEON	3 pin, 120W	PA-1121-04

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: LCD (1920*1080@60Hz) + VGA (1920*1080@60Hz)
Mode 2: LCD (1366*768@60Hz) + VGA (1366*768@60Hz)
Mode 3: LCD (800*600@60Hz) + VGA (800*600@60Hz)
Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)
Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)
Mode 6: LCD (1920*1080@60Hz) + HDMI (1920*1080@60Hz)
Mode 7: LCD (1366*768@60Hz) + VGA (1366*768@60Hz)
Final Test Mode
Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)
Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

	Mode 1	Mode 2
MB	G60JX	G60JX
CPU	INT I7-620M 2.66 GHz	INT I7-540M 2.53GHz
LCD	AUO 15.6" FHD B156HW01	LTN160AT06
ODD	TS-L633C	DS-4E1S
HDD	HTS545050B9A300	ST9500325AS
DDR	M471B5673EH1-CF8	M471B2873EH1-CF8
	HMT125S6BFR8C-G7	HMT112S6BFR6C-G7
BT	AW-BT253	AW-BT253
WLAN	622ANHMMW	AR5B95
Battery	A33-M50 (SDI)	A32-M50 (LGC)
Adapter	ADP-120ZB BB	ADP-120ZB BB

	Mode 3	Mode 4
MB	G60JX	G60JX
CPU	INT I5-520M 2.4GHz	INT I3-330M 2.13 GHz
LCD	B156HW01	B156HW01
ODD	CT10N	DS-4E1S
HDD	HTS545050B9A300	ST9500325AS
DDR	M471B5673EH1-CF8	M471B2873EH1-CF8
	HMT125S6BFR8C-G7	HMT112S6BFR6C-G7
BT	AW-BT253	AW-BT253
WLAN	622ANHMMW	AR5B95
Battery	A33-M50 (SDI)	A32-M50 (LGC)
Adapter	ADP-120ZB BB	ADP-120ZB BB

	Mode 5	Mode 6
MB	G60JX	G60JX
CPU	INT I5-430M 2.26 GHz	Intel Clarksfield 1.73GHz
LCD	B156HW01	LTN160AT06
ODD	CT10N	GT30N
HDD	MK6465GSX/GJ001J	ST9500420AS
DDR	M471B2873EH1-CF8	M471B5673EH1-CF8
	HMT125S6BFR8C-G7	HMT125S6BFR8C-G7
		ASU1333D3S9DR8
		ASU1333D3S9SR8
BT	AW-BT253	AW-BT253
WLAN	622ANHMMW	622ANHMMW
Battery	A33-M50 (SDI)	A32-M50 (LGC)
Adapter	PA-1121-04AT	PA-1121-04AT

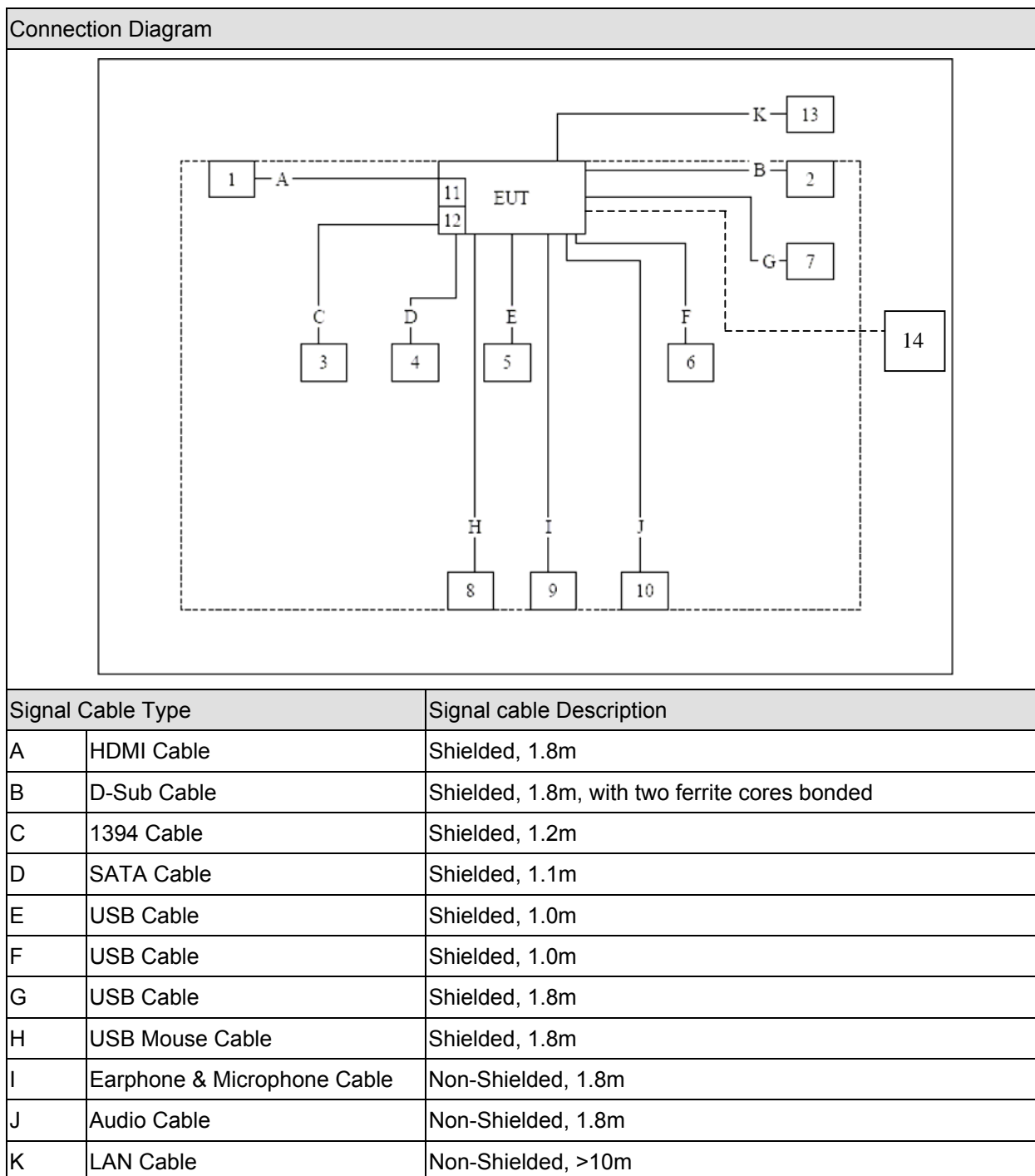
	Mode 7
MB	G60JX
CPU	INT I3-330M 2.13 GHz
LCD	CLAA156WA07A
ODD	DS-4E1S
HDD	ST9500325AS
DDR	M471B2873EH1-CF8
	HMT112S6BFR6C-G7
BT	AW-BT253
WLAN	AR5B95
Battery	A32-M50 (LGC)
Adapter	PA-1121-04AT

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 CRT "21 Monitor	IBM	6652-U3N	1	Non-Shielded, 1.8m
2 LCD Monitor	DELL	3008WFPT	7735432490P08B	Non-Shielded, 1.8m
3 1394 HDD	Seagate	9NL6M6-500	6QG05BN1	Power by adapter
4 SATA HDD	Seagate	9NL6M6-500	5QG1M245	Power by adapter
5 iPod	Apple	A1199	6U715UPHVQ5	Power by PC
6 iPod	Apple	A1199	6U715YT3VQ5	Power by PC
7 Printer	EPSON	B241A	7094256	Non-Shielded, 1.8m
8 USB Mouse	DELL	MO56UOA	F1B03EZZ	Power by PC
9 Microphone & Earphone	SOMIC	SM-360	N/A	N/A
10 Walkman	Meier	MD-082	N/A	Battery
11 SD Card	Kingston	1GB	N/A	N/A
12 ExpressCard	SIIG	11-in-1 R/W	2	N/A
13 MacBook	Apple	MB061CH	W8732B4TZ5V	Power by adapter
14 Notebook	DELL	PP19L	JH097 A01	Power by adapter

1.4. Configuration of Tested System



1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of all equipment.
3	Open the camera and play music using media player.
4	EUT will send and receive data through LAN using "Ping" function.
5	Execute the HDD test Program using Burn In Test (Ver: 5.0) software.
6	Run EMC test program using Burn In Test (Ver: 5.0) software and send "H" pattern to the monitor.
7	EUT communicates with another Notebook P.C. by WLAN and Bluetooth.
8	Put a disk in ODD, and then play music.

2. Technical Test

2.1. Summary of Test Result

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

Emission			
Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC Part 15 Subpart B: 2008 ANSI C63.4: 2003	Yes	No
Radiated Emission	FCC Part 15 Subpart B: 2008 ANSI C63.4: 2003	Yes	No

2.2. List of Test Equipment

Conducted Emission / SR-8

Instrument	Manufacturer	Model No.	Serial No.	Calibrated Date
EMI Test Receiver	R&S	ESCS 30	838251/001	2009/04/25
LISN	R&S	ESH3-Z5	836679/020	2009/02/18
LISN	R&S	ENV216	100097	2009/05/28
Pulse Limiter	R&S	ESH3-Z2	100324	2009/04/18

Radiated Emission / 9x6x6 Chamber

Instrument	Manufacturer	Model No.	Serial No.	Calibrated Date
Spectrum Analyzer	Agilent	E4408B	MY45102743	2009/08/12
Pre-Amplifier	Quietek	AP-025C	CHM-071919	2009/11/12
Pre-Amplifier	Quietek	AP-180C	CHM-071920	2009/08/01
Bilog Antenna	Schaffner	CBL6112B	2905	2009/08/03
Horn Antenna	Schwarzbeck	9120D	576	2009/10/21

2.3. Measurement Uncertainty

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

2.4. Test Environment

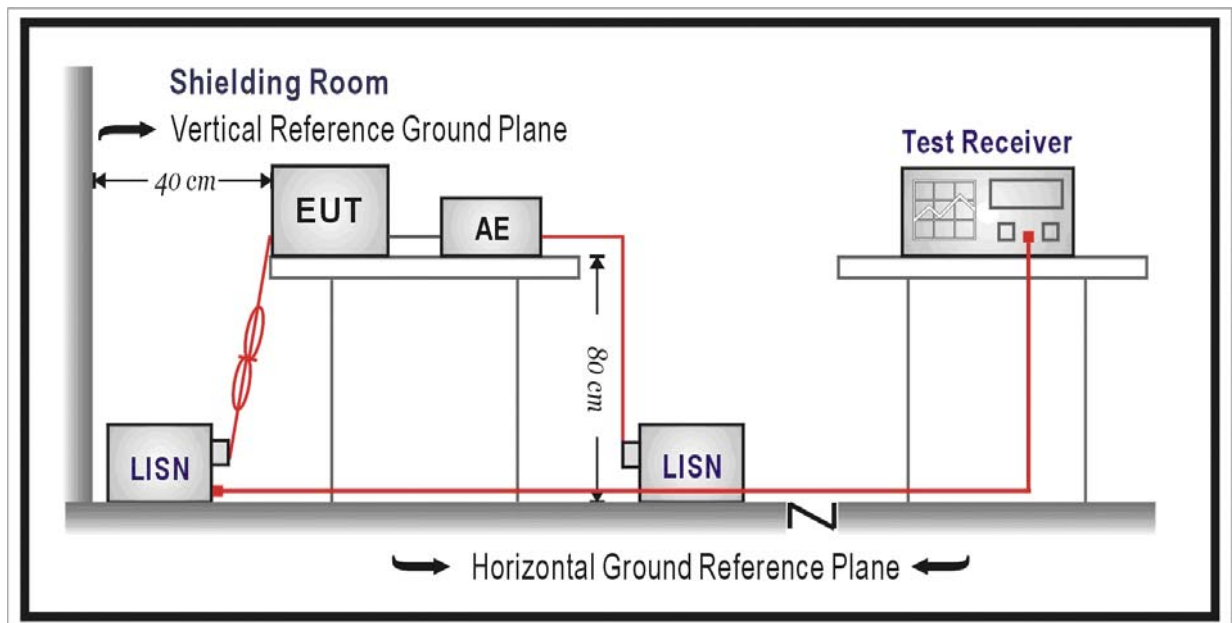
Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	49
	Barometric pressure (mbar)	860-1060	950-1000
Radiated Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	47
	Barometric pressure (mbar)	860-1060	950-1000

3. Conducted Emission

3.1. Test Specification

According to EMC Standard: FCC Part 15.107 Class B and ANSI C63.4

3.2. Test Setup



3.3. Limit

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

NOTE: Decreases with the logarithm of the frequency.

3.4. Test Procedure

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

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

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

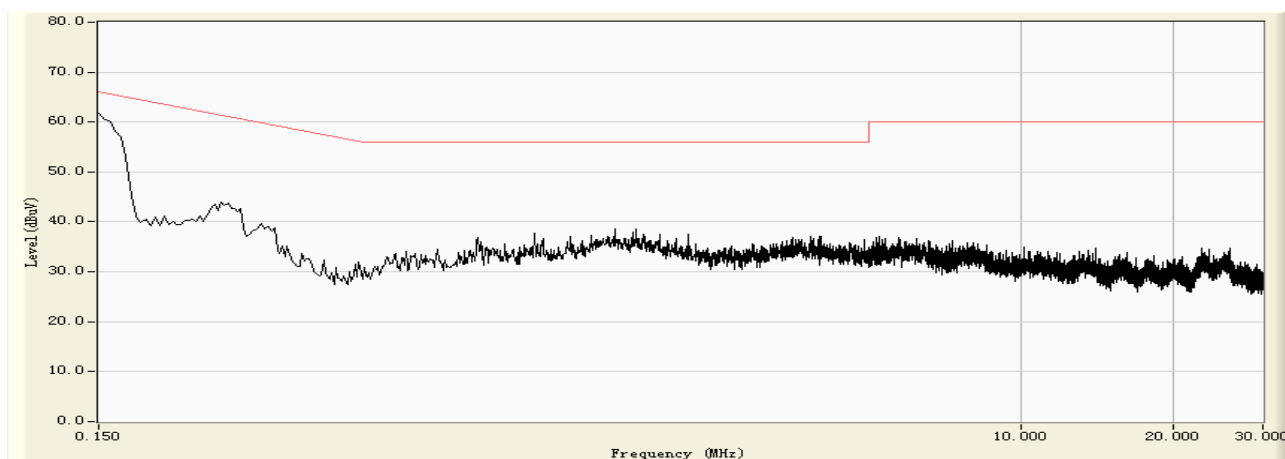
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5. Deviation from Test Standard

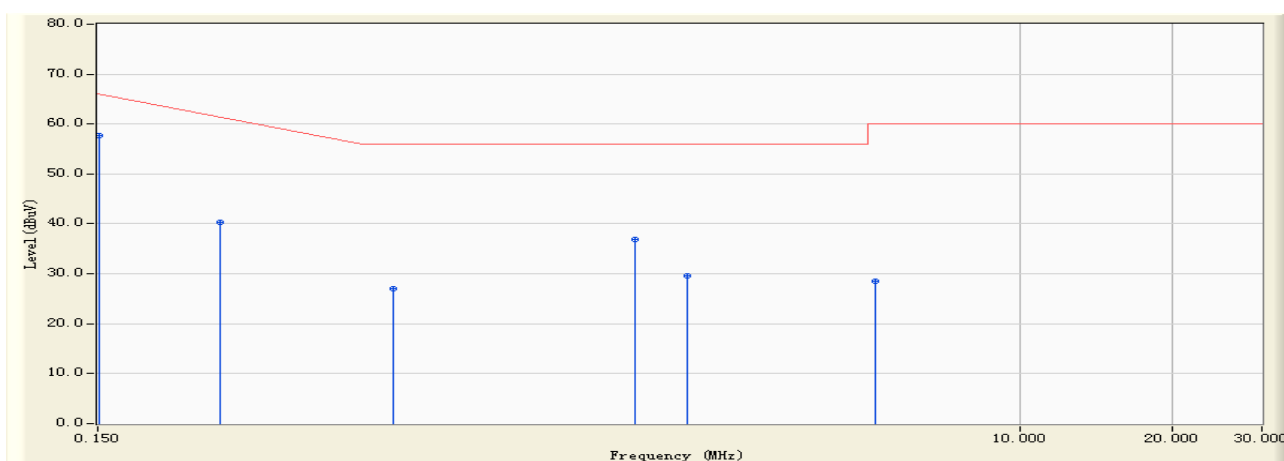
No deviation.

3.6. Test Result

Site : SR-8	Time : 2009/11/01 - 12:26
Limit : FCC_Part15_B_00M_QP	Margin : 0
Probe : ENV216-L1 - Line1	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)



Site : SR-8	Time : 2009/11/01 - 12:27
Limit : FCC_Part15_B_00M_QP	Margin : 0
Probe : ENV216-L1 - Line1	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

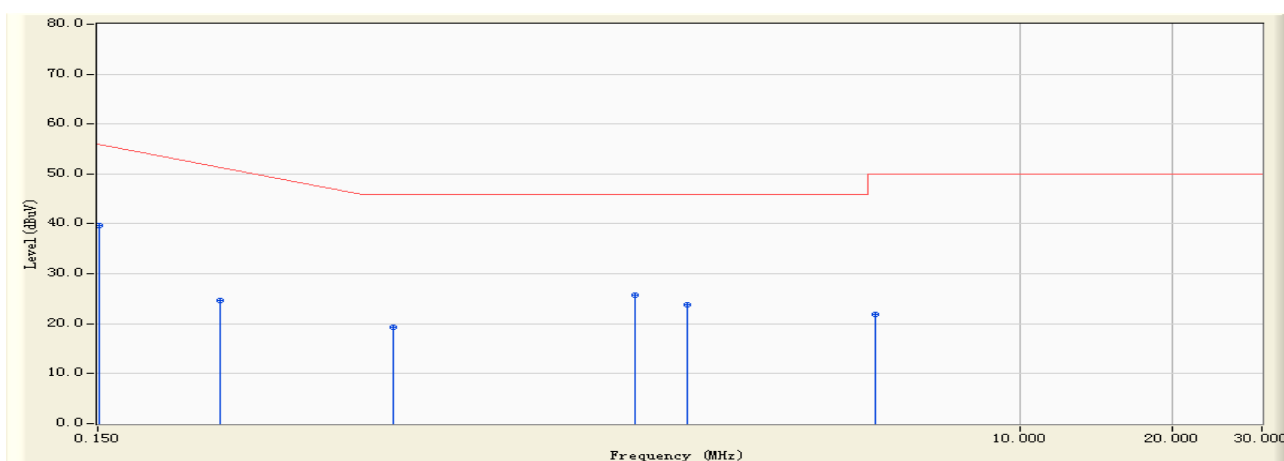


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.151	9.764	48.002	57.767	-8.204	65.971	QUASIPeAK
2		0.262	9.668	30.601	40.269	-22.531	62.800	QUASIPeAK
3		0.574	9.640	17.310	26.950	-29.050	56.000	QUASIPeAK
4		1.730	9.680	27.120	36.800	-19.200	56.000	QUASIPeAK
5		2.190	9.680	19.813	29.493	-26.507	56.000	QUASIPeAK
6		5.170	9.700	18.880	28.580	-31.420	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.

Site : SR-8	Time : 2009/11/01 - 12:27
Limit : FCC_Part15_B_00M_AV	Margin : 0
Probe : ENV216-L1 - Line1	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

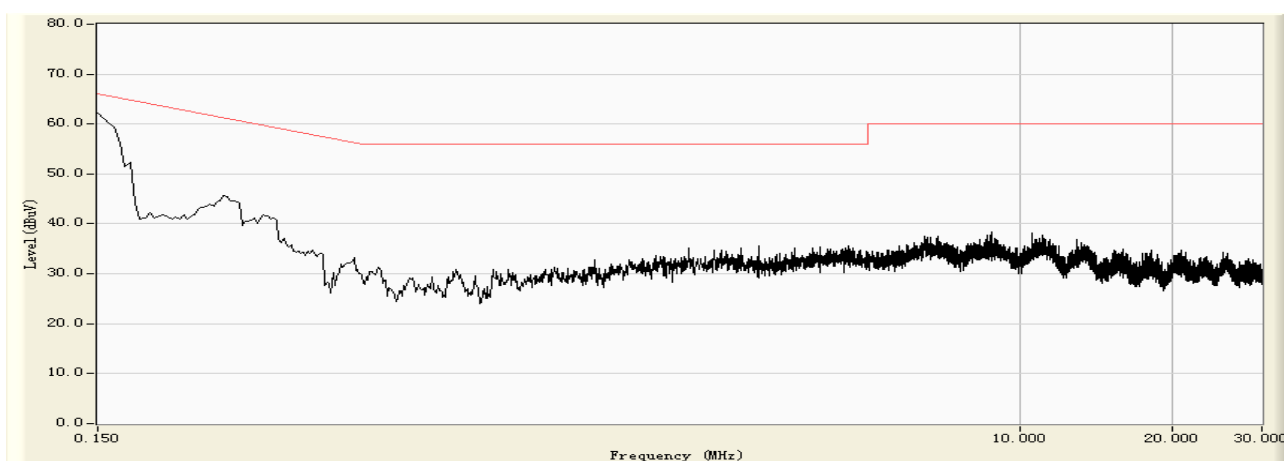


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.151	9.764	30.002	39.767	-16.204	55.971	AVERAGE
2		0.262	9.668	14.901	24.569	-28.231	52.800	AVERAGE
3		0.574	9.640	9.610	19.250	-26.750	46.000	AVERAGE
4		1.730	9.680	16.020	25.700	-20.300	46.000	AVERAGE
5		2.190	9.680	14.213	23.893	-22.107	46.000	AVERAGE
6		5.170	9.700	12.280	21.980	-28.020	50.000	AVERAGE

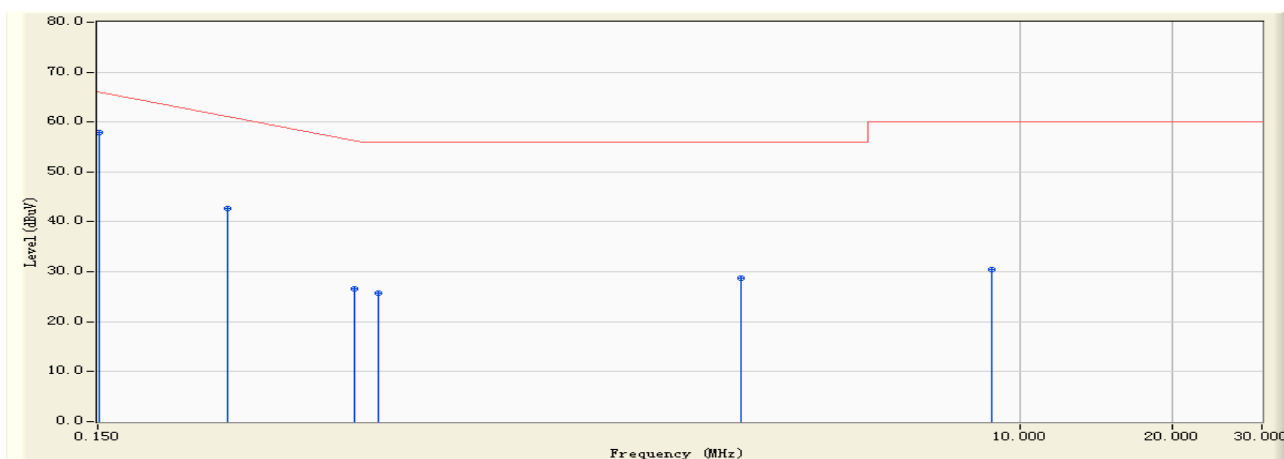
Note:

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 : SR-8	Time : 2009/11/01 - 12:32
Limit : FCC_Part15_B_00M_QP	Margin : 0
Probe : ENV216-N - Line2	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)



Site : SR-8	Time : 2009/11/01 - 12:33
Limit : FCC_Part15_B_00M_QP	Margin : 0
Probe : ENV216-N - Line2	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

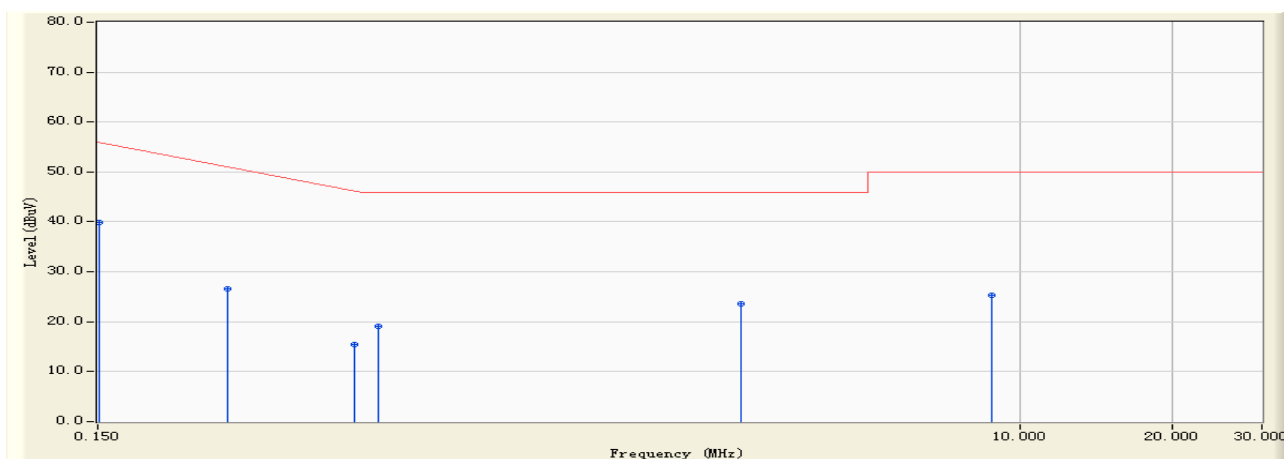


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.151	9.764	48.044	57.809	-8.162	65.971	QUASIPeAK
2		0.270	9.673	32.914	42.587	-19.984	62.571	QUASIPeAK
3		0.482	9.640	16.880	26.520	-29.994	56.514	QUASIPeAK
4		0.538	9.640	16.103	25.743	-30.257	56.000	QUASIPeAK
5		2.794	9.690	18.990	28.680	-27.320	56.000	QUASIPeAK
6		8.746	9.800	20.560	30.360	-29.640	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.

Site : SR-8	Time : 2009/11/01 - 12:33
Limit : FCC_Part15_B_00M_AV	Margin : 0
Probe : ENV216-N - Line2	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

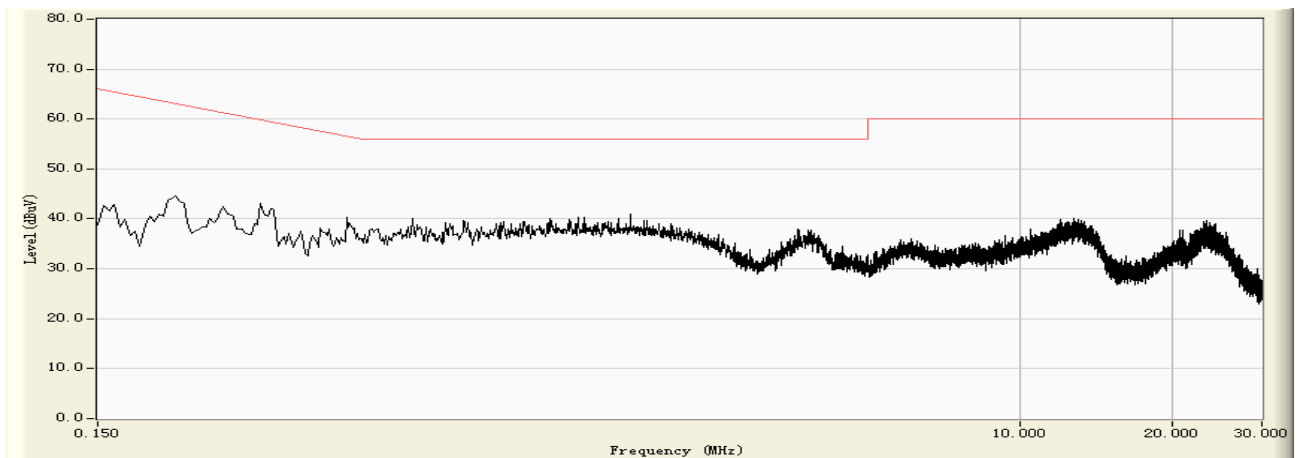


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.151	9.764	30.044	39.809	-16.162	55.971	AVERAGE
2		0.270	9.673	17.014	26.687	-25.884	52.571	AVERAGE
3		0.482	9.640	5.780	15.420	-31.094	46.514	AVERAGE
4		0.538	9.640	9.503	19.143	-26.857	46.000	AVERAGE
5		2.794	9.690	13.990	23.680	-22.320	46.000	AVERAGE
6		8.746	9.800	15.560	25.360	-24.640	50.000	AVERAGE

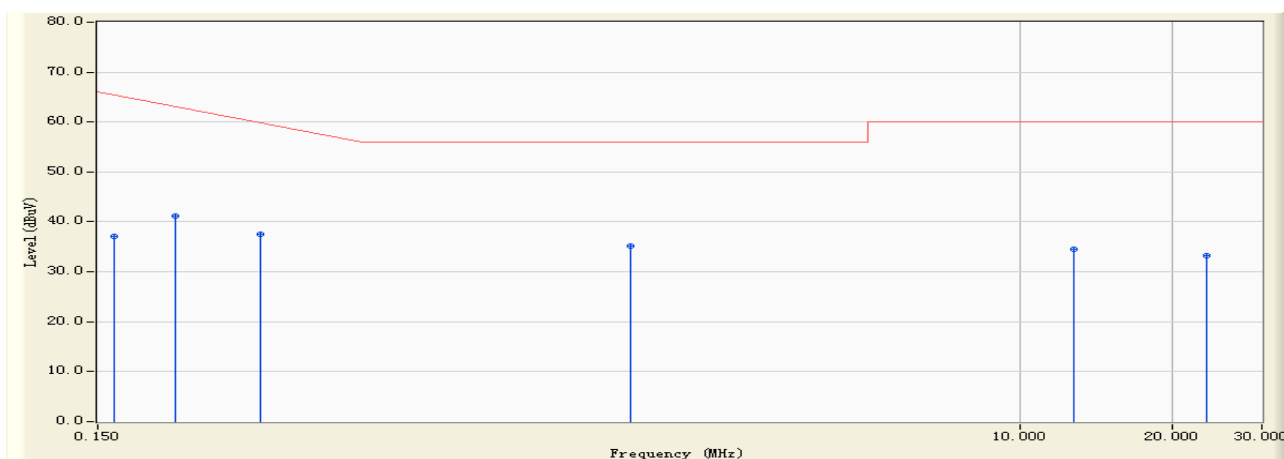
Note:

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 : SR-8	Time : 2009/11/01 - 12:35
Limit : FCC_Part15_B_00M_QP	Margin : 0
Probe : ENV216-L1 - Line1	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)



Site : SR-8	Time : 2009/11/01 - 12:36
Limit : FCC_Part15_B_00M_QP	Margin : 0
Probe : ENV216-L1 - Line1	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

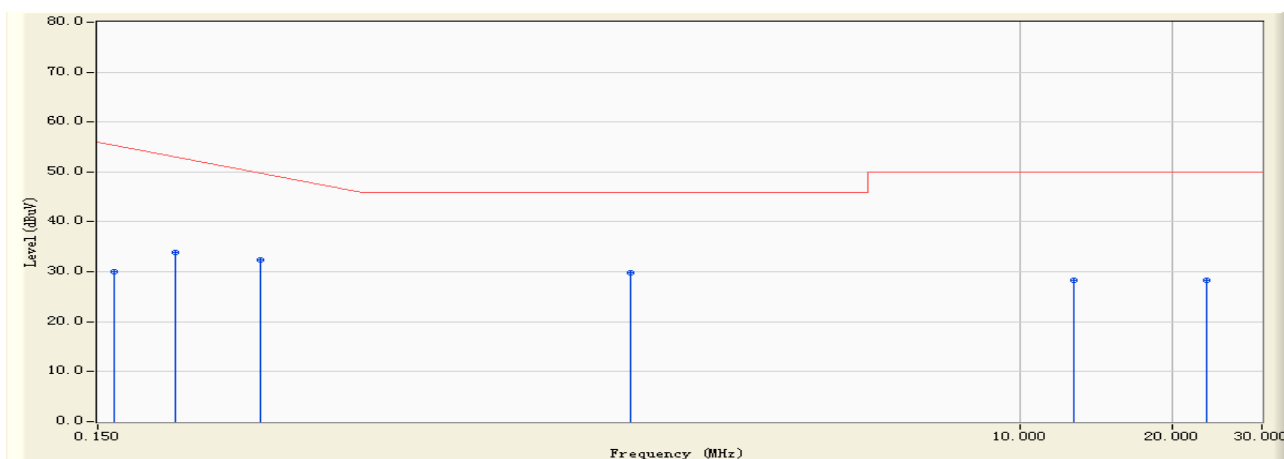


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.750	27.411	37.161	-28.496	65.657	QUASIPeAK
2		0.214	9.697	31.376	41.073	-23.098	64.171	QUASIPeAK
3		0.314	9.650	27.963	37.613	-23.701	61.314	QUASIPeAK
4	*	1.694	9.680	25.420	35.100	-20.900	56.000	QUASIPeAK
5		12.750	9.900	24.570	34.470	-25.530	60.000	QUASIPeAK
6		23.346	9.990	23.240	33.230	-26.770	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.

Site : SR-8	Time : 2009/11/01 - 12:36
Limit : FCC_Part15_B_00M_AV	Margin : 0
Probe : ENV216-L1 - Line1	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

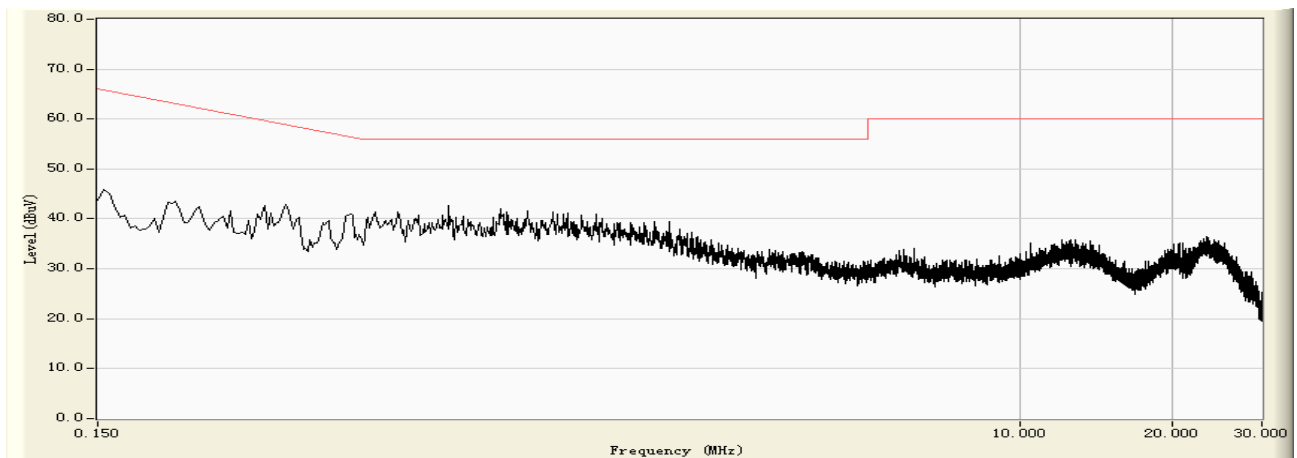


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.750	20.211	29.961	-25.696	55.657	AVERAGE
2		0.214	9.697	24.176	33.873	-20.298	54.171	AVERAGE
3		0.314	9.650	22.763	32.413	-18.901	51.314	AVERAGE
4	*	1.694	9.680	20.220	29.900	-16.100	46.000	AVERAGE
5		12.750	9.900	18.470	28.370	-21.630	50.000	AVERAGE
6		23.346	9.990	18.240	28.230	-21.770	50.000	AVERAGE

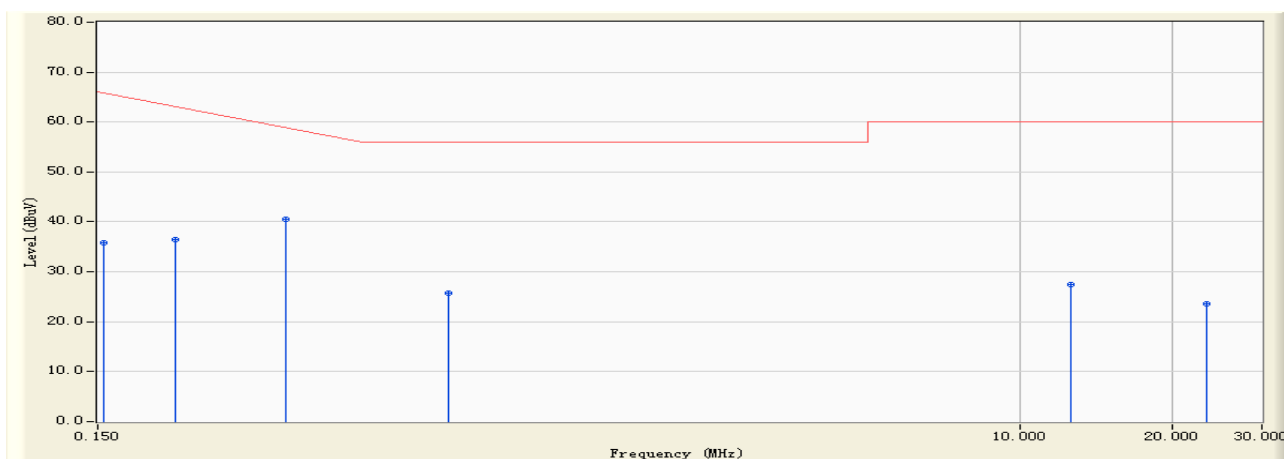
Note:

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 : SR-8	Time : 2009/11/01 - 12:39
Limit : FCC_Part15_B_00M_QP	Margin : 0
Probe : ENV216-N - Line2	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)



Site : SR-8	Time : 2009/11/01 - 12:40
Limit : FCC_Part15_B_00M_QP	Margin : 0
Probe : ENV216-N - Line2	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

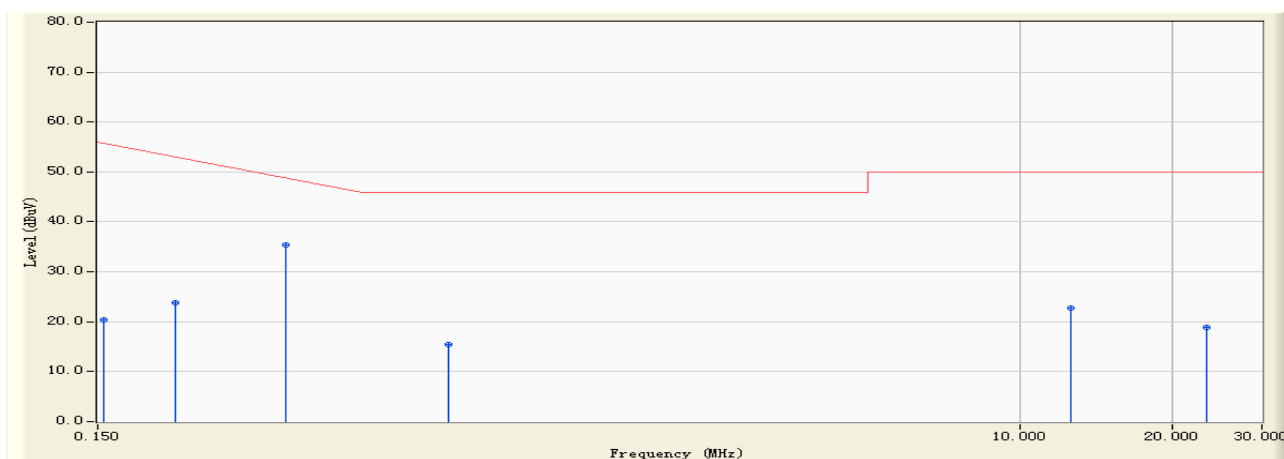


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.760	25.956	35.717	-30.169	65.886	QUASIPeAK
2		0.214	9.707	26.793	36.500	-27.671	64.171	QUASIPeAK
3	*	0.354	9.655	30.950	40.605	-19.566	60.171	QUASIPeAK
4		0.742	9.658	16.112	25.770	-30.230	56.000	QUASIPeAK
5		12.534	9.900	17.610	27.510	-32.490	60.000	QUASIPeAK
6		23.254	9.990	13.700	23.690	-36.310	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.

Site : SR-8	Time : 2009/11/01 - 12:40
Limit : FCC_Part15_B_00M_AV	Margin : 0
Probe : ENV216-N - Line2	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.760	10.656	20.417	-35.469	55.886	AVERAGE
2		0.214	9.707	14.193	23.900	-30.271	54.171	AVERAGE
3	*	0.354	9.655	25.750	35.405	-14.766	50.171	AVERAGE
4		0.742	9.658	5.712	15.370	-30.630	46.000	AVERAGE
5		12.534	9.900	12.810	22.710	-27.290	50.000	AVERAGE
6		23.254	9.990	8.900	18.890	-31.110	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.

3.7. Test Photograph

Test Mode: Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

Description: Front View of Conducted Emission Test Setup



Test Mode: Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

Description: Side View of Conducted Emission Test Setup



Test Mode: Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

Description: Front View of Conducted Emission Test Setup



Test Mode: Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

Description: Side View of Conducted Emission Test Setup



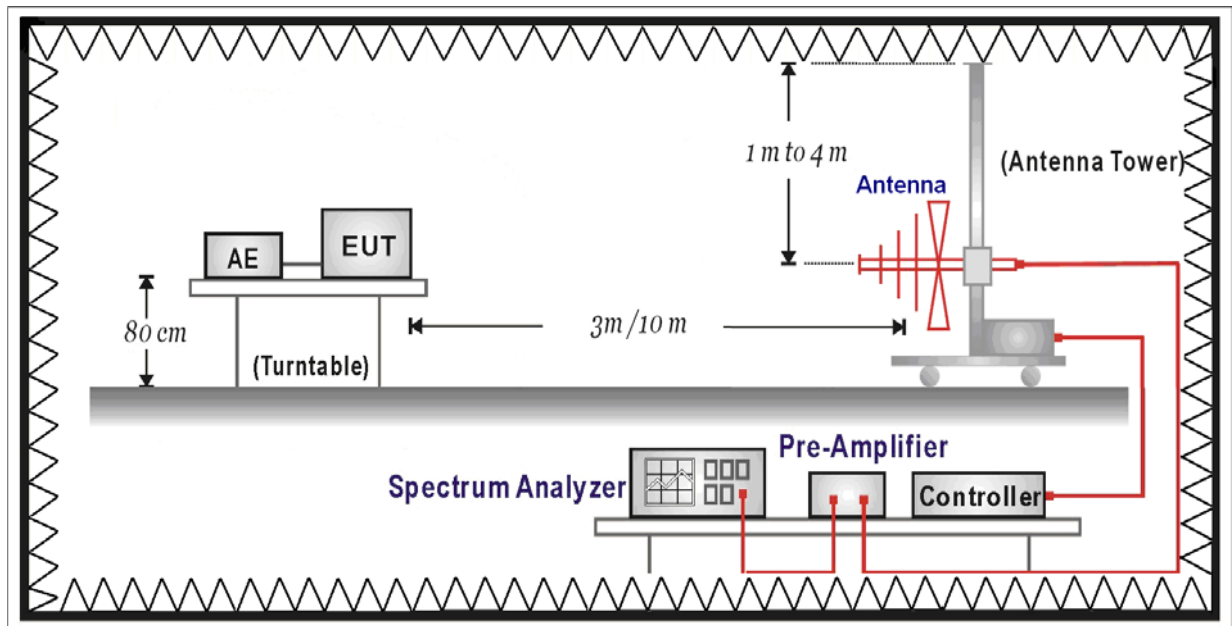
4. Radiated Emission

4.1. Test Specification

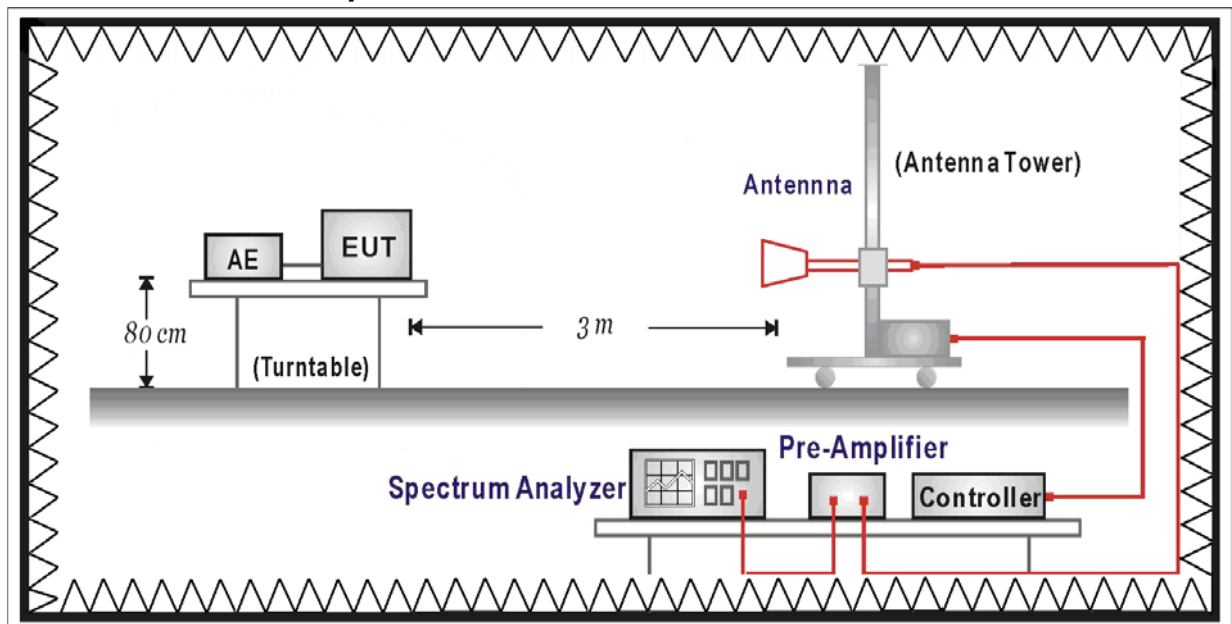
According to EMC Standard: FCC Part 15.109 Class B and ANSI C63.4

4.2. Test Setup

Below 1GHz Test Setup



Above 1GHz Test Setup



4.3. Limit

Limits for Radiated Emission of class B ITE at a measuring distance of 3m	
Frequency of Emission (MHz)	Field Strength dB(μV/m)
30 to 88	40
88 to 216	43.5
216 to 960	46
Above 960	54
NOTE: The lower limit shall apply at the transition frequency.	

4.4. Test Procedure

The EUT and its simulators are placed on a turntable which is 0.8 meter above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. 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 changed during radiated measurement.

The bandwidth below 1GHz setting on the reveiver is 120kHz and above 1GHz is 1MHz.

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 to 108	1000
108 to 500	2000
500 to 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40GHz, whichever is lower

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

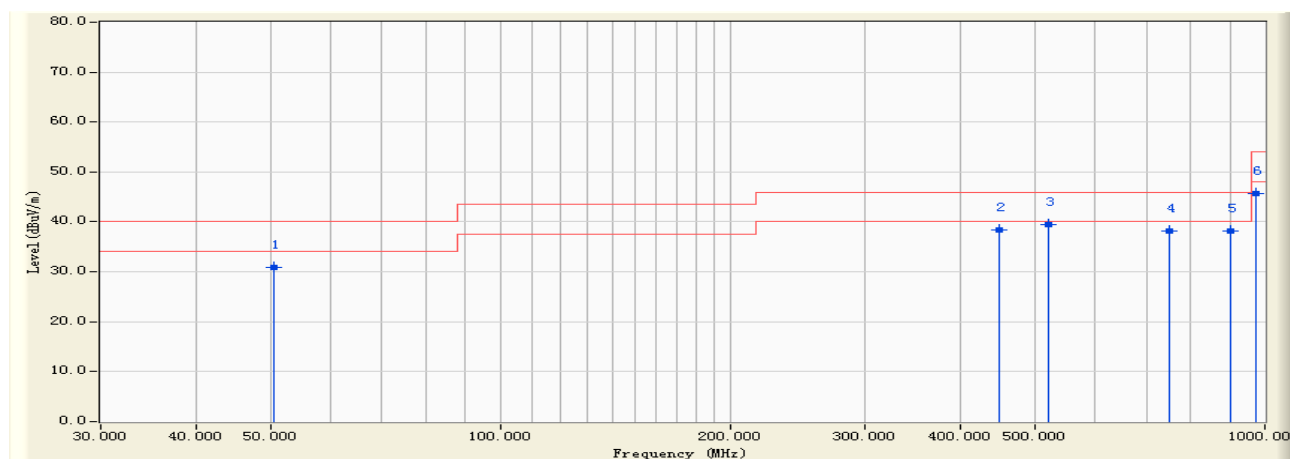
When average radiated emission measurement are included emission measurement Above 1000MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.

4.5. Deviation from Test Standard

No deviation.

4.6. Test Result

Site : 9x6x6 Chamber	Time : 2009/11/13 - 09:39
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : 9x6x6-2007-06-01 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

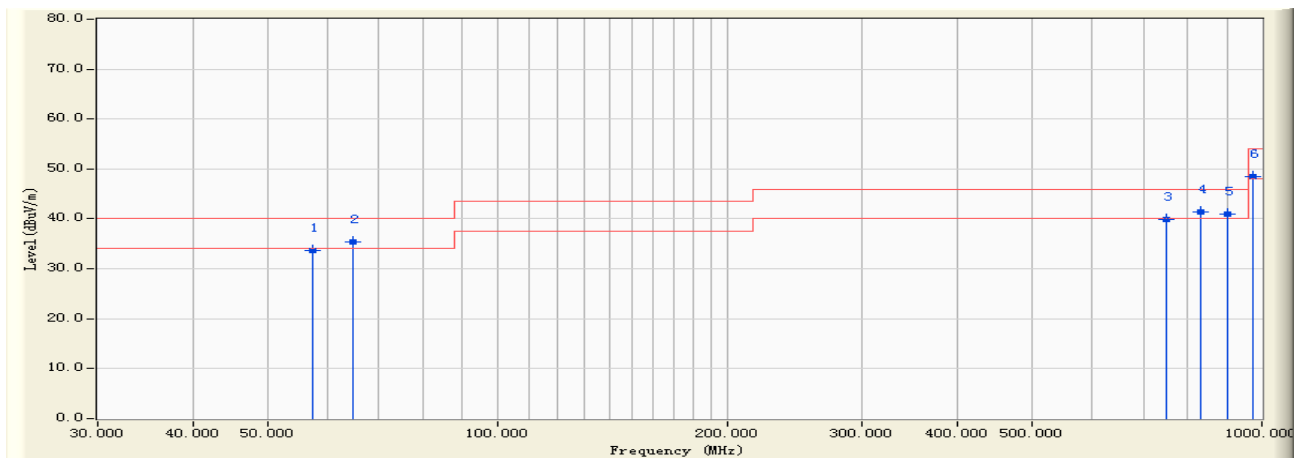


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	50.500	10.393	20.532	30.925	-9.075	40.000	QUASIPeAK	100.000	220.200
2	450.200	22.120	16.172	38.292	-7.708	46.000	QUASIPeAK	100.000	125.500
3	* 522.171	23.460	16.073	39.533	-6.467	46.000	QUASIPeAK	200.000	120.500
4	750.010	26.483	11.791	38.274	-7.726	46.000	QUASIPeAK	100.000	265.500
5	900.050	26.970	11.304	38.274	-7.726	46.000	QUASIPeAK	300.000	125.800
6	975.350	27.746	17.923	45.669	-8.331	54.000	QUASIPeAK	200.000	254.500

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.

Site : 9x6x6 Chamber	Time : 2009/11/13 - 09:39
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : 9x6x6-2007-06-01 - VERTICAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

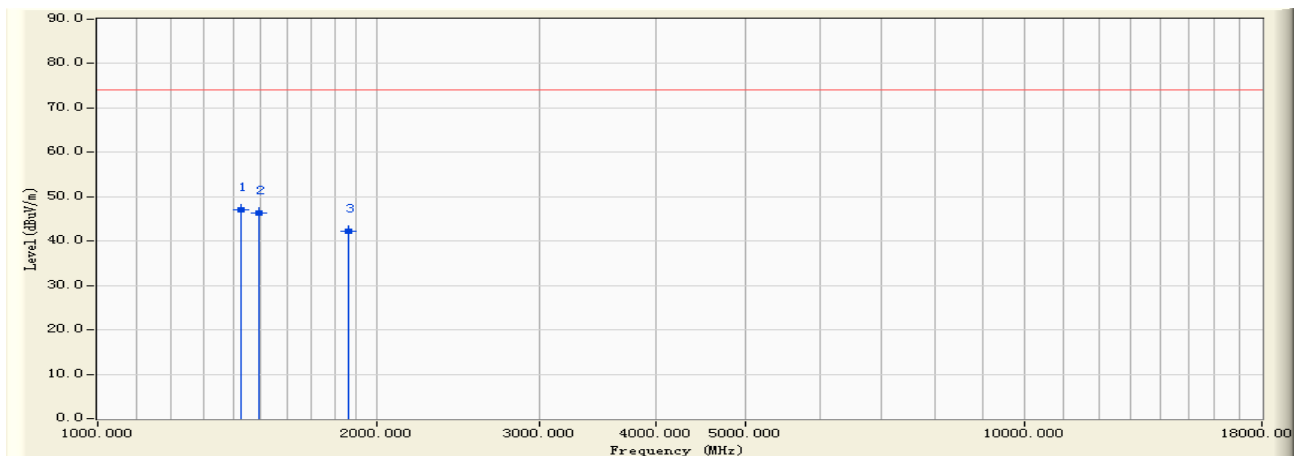


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		57.220	7.616	26.019	33.635	-6.365	40.000	QUASIPeAK	100.000	220.000
2		64.800	8.571	26.719	35.289	-4.711	40.000	QUASIPeAK	100.000	130.000
3		750.095	24.694	15.299	39.993	-6.007	46.000	QUASIPeAK	100.000	150.500
4	*	833.350	26.284	15.101	41.385	-4.615	46.000	QUASIPeAK	100.000	265.500
5		900.055	28.139	12.834	40.973	-5.027	46.000	QUASIPeAK	100.000	230.000
6		975.250	28.400	20.124	48.524	-5.476	54.000	QUASIPeAK	100.000	125.600

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.

Site : 9x6x6 Chamber	Time : 2009/11/13 - 10:40
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
Probe : 9120D_1-18G_Horn - HORIZONTAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

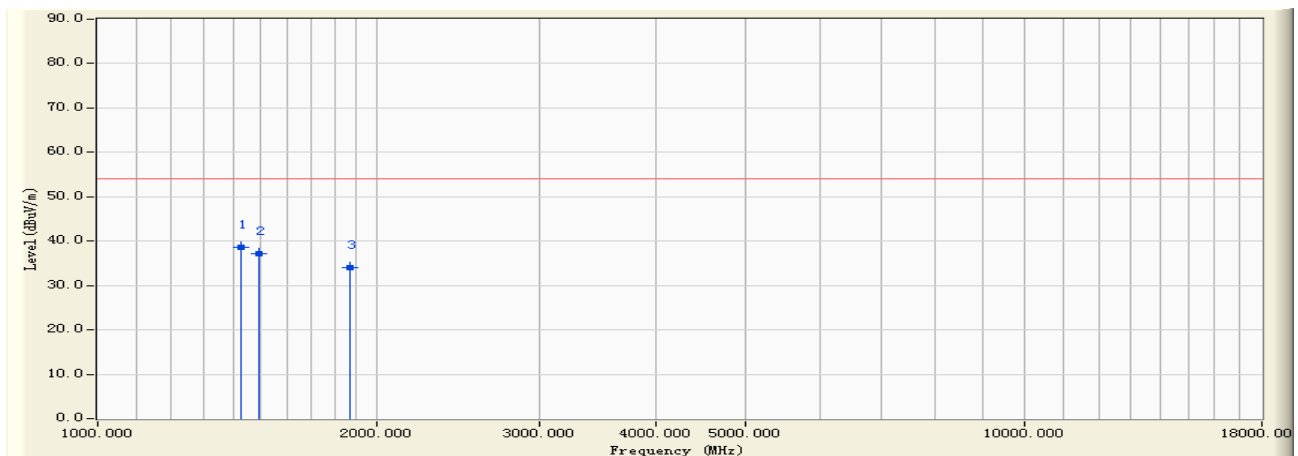


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	1425.000	-5.099	52.186	47.087	-26.913	74.000	PEAK	100.000	120.300
2		1493.000	-5.052	51.271	46.219	-27.781	74.000	PEAK	100.000	230.500
3		1867.000	-4.471	46.770	42.299	-31.701	74.000	PEAK	120.000	211.500

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 : 9x6x6 Chamber	Time : 2009/11/13 - 10:40
Limit : FCC_B_(Above_1G)_3M_AV	Margin : 0
Probe : 9120D_1-18G_Horn - HORIZONTAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

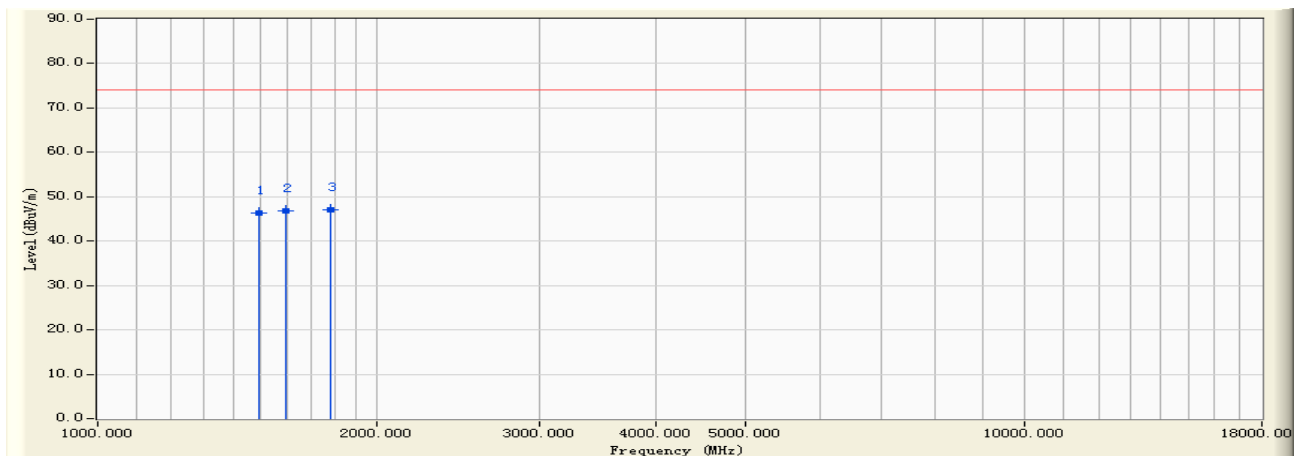


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	1425.300	-5.098	43.689	38.590	-15.410	54.000	AVERAGE	100.000	120.300
2		1493.150	-5.051	42.142	37.090	-16.910	54.000	AVERAGE	100.000	230.500
3		1867.150	-4.470	38.611	34.141	-19.859	54.000	AVERAGE	120.000	211.500

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 : 9x6x6 Chamber	Time : 2009/11/13 - 10:40
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
Probe : 9120D_1-18G_Horn - VERTICAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

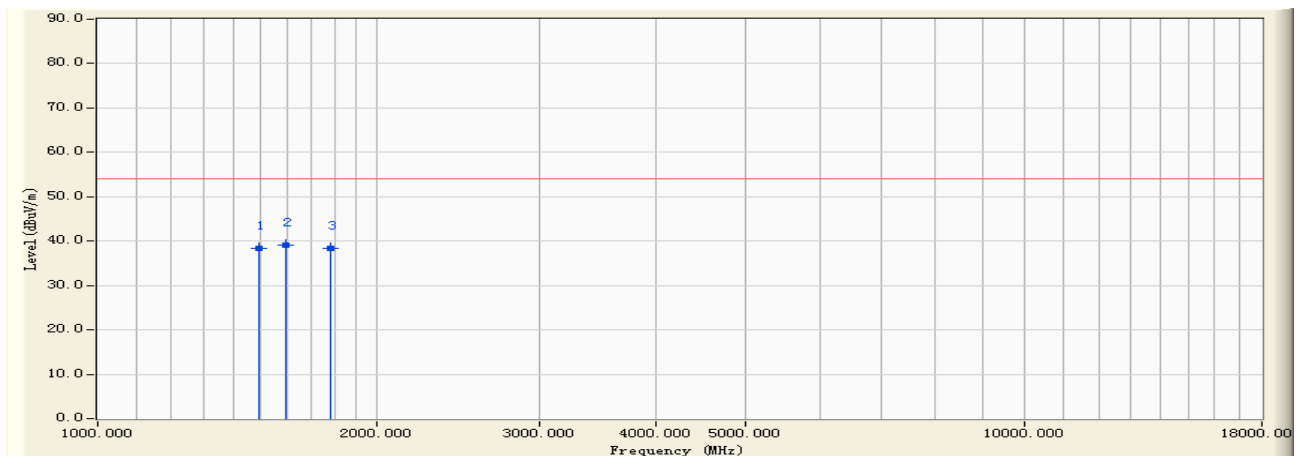


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	1493.000	-5.052	51.380	46.328	-27.672	74.000	PEAK	100.000	250.500
2	1595.000	-5.011	51.704	46.693	-27.307	74.000	PEAK	100.000	156.800
3	* 1782.000	-4.775	51.879	47.104	-26.896	74.000	PEAK	100.000	102.500

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 : 9x6x6 Chamber	Time : 2009/11/13 - 10:40
Limit : FCC_B_(Above_1G)_3M_AV	Margin : 0
Probe : 9120D_1-18G_Horn - VERTICAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

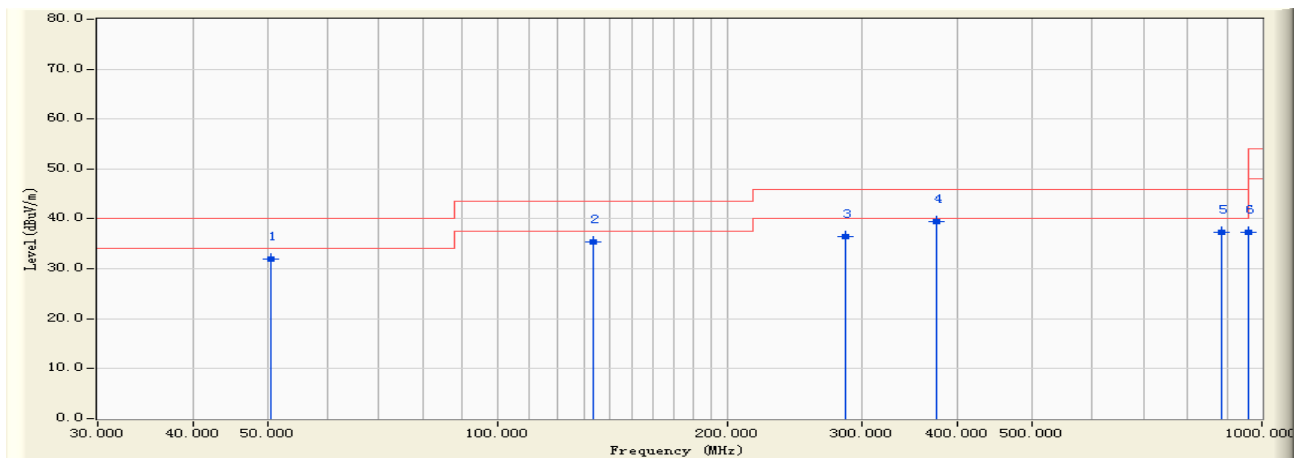


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		1493.200	-5.051	43.441	38.390	-15.610	54.000	AVERAGE	100.000	250.500
2	*	1595.350	-5.010	44.020	39.010	-14.990	54.000	AVERAGE	100.000	156.800
3		1782.450	-4.776	43.247	38.472	-15.528	54.000	AVERAGE	100.000	102.500

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 : 9X6X6 Chamber	Time : 2009/11/13 - 09:55
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : 9x6x6-2007-06-01 - HORIZONTAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

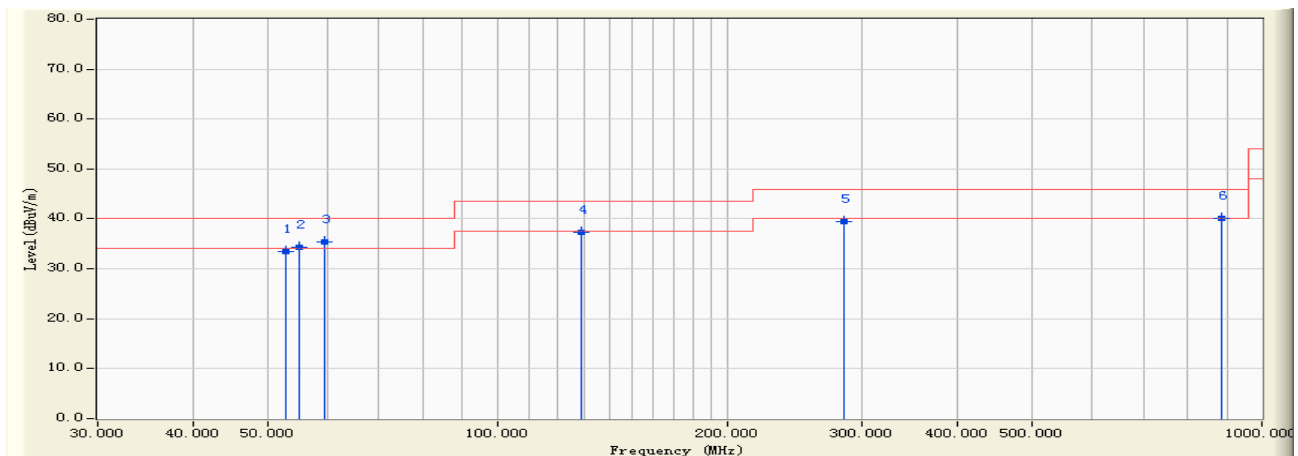


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	50.550	10.383	21.523	31.906	-8.094	40.000	QUASIPeAK	150.000	125.500
2	133.500	10.324	24.994	35.318	-8.182	43.500	QUASIPeAK	200.000	230.500
3	285.650	15.176	21.308	36.484	-9.516	46.000	QUASIPeAK	100.000	150.500
4	* 374.850	20.141	19.246	39.387	-6.613	46.000	QUASIPeAK	100.000	150.400
5	885.650	27.019	10.347	37.366	-8.634	46.000	QUASIPeAK	168.800	100.500
6	960.150	27.589	9.674	37.263	-16.737	54.000	QUASIPeAK	100.000	156.900

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.

Site : 9X6X6 Chamber	Time : 2009/11/13 - 09:55
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : 9x6x6-2007-06-01 - VERTICAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

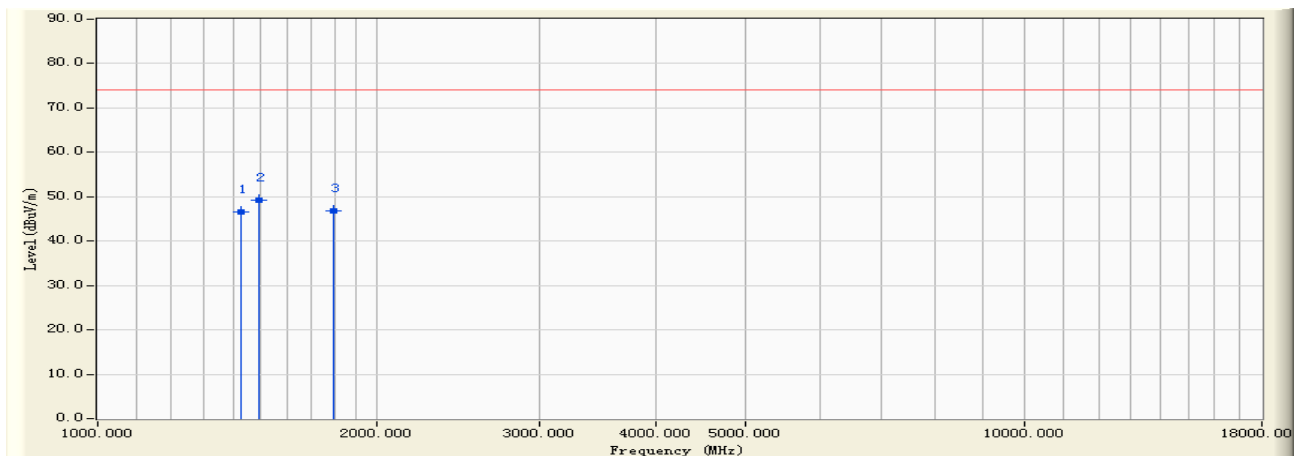


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	52.818	8.625	24.899	33.524	-6.476	40.000	QUASIPeAK	100.000	330.000
2	55.000	8.130	26.095	34.225	-5.775	40.000	QUASIPeAK	100.000	120.000
3	* 59.493	7.115	28.276	35.391	-4.609	40.000	QUASIPeAK	100.000	60.000
4	128.540	14.347	23.018	37.364	-6.136	43.500	QUASIPeAK	100.000	0.000
5	283.567	15.947	23.598	39.545	-6.455	46.000	QUASIPeAK	100.000	150.000
6	885.635	27.743	12.341	40.084	-5.916	46.000	QUASIPeAK	100.000	120.000

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.

Site : 9x6x6 Chamber	Time : 2009/11/13 - 10:10
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
Probe : 9120D_1-18G_Horn - HORIZONTAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

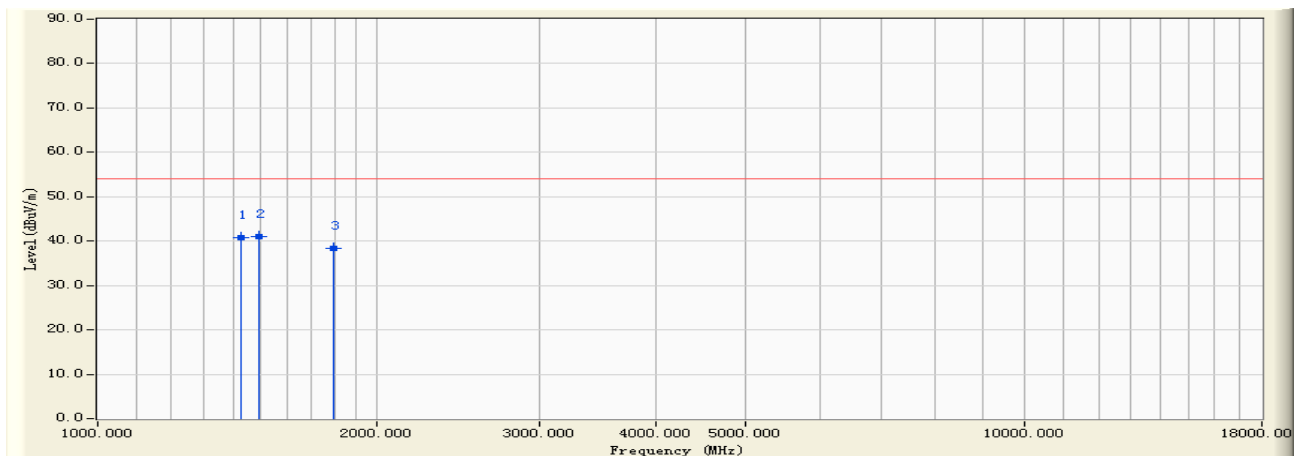


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		1425.000	-5.099	51.749	46.650	-27.350	74.000	PEAK	100.000	260.500
2	*	1493.000	-5.052	54.310	49.258	-24.742	74.000	PEAK	100.000	230.500
3		1799.000	-4.768	51.688	46.920	-27.080	74.000	PEAK	120.000	120.500

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 : 9x6x6 Chamber	Time : 2009/11/13 - 10:10
Limit : FCC_B_(Above_1G)_3M_AV	Margin : 0
Probe : 9120D_1-18G_Horn - HORIZONTAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

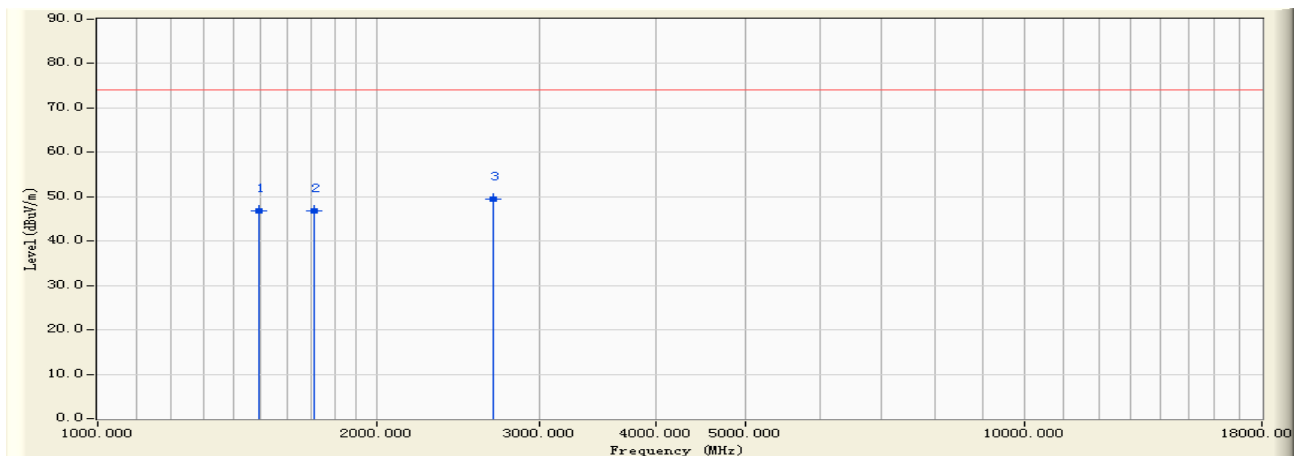


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		1425.500	-5.099	45.888	40.789	-13.211	54.000	AVERAGE	100.000	260.500
2	*	1493.250	-5.051	46.141	41.090	-12.910	54.000	AVERAGE	100.000	230.500
3		1799.150	-4.767	43.209	38.441	-15.559	54.000	AVERAGE	120.000	120.500

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 : 9x6x6 Chamber	Time : 2009/11/13 - 10:10
Limit : FCC_B_(Above_1G)_3M_PK	Margin : 0
Probe : 9120D_1-18G_Horn - VERTICAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

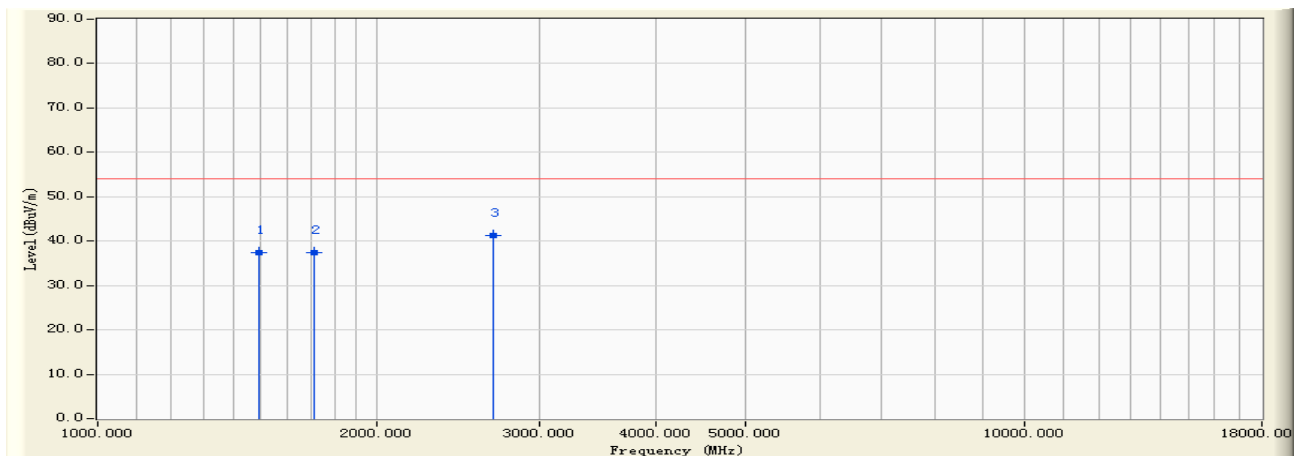


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	1493.000	-5.052	51.925	46.873	-27.127	74.000	PEAK	100.000	160.900
2	1714.000	-4.803	51.501	46.698	-27.302	74.000	PEAK	100.000	145.200
3	* 2666.000	-0.969	50.440	49.471	-24.529	74.000	PEAK	100.000	250.200

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 : 9x6x6 Chamber	Time : 2009/11/13 - 10:10
Limit : FCC_B_(Above_1G)_3M_AV	Margin : 0
Probe : 9120D_1-18G_Horn - VERTICAL	Power : AC 120V/60Hz
EUT : Notebook	Note : Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	1493.250	-5.051	42.441	37.390	-16.610	54.000	AVERAGE	100.000	160.900
2	1714.350	-4.803	42.203	37.401	-16.599	54.000	AVERAGE	100.000	145.200
3	* 2666.150	-0.969	42.339	41.370	-12.630	54.000	AVERAGE	100.000	250.200

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.

4.7. Test Photograph

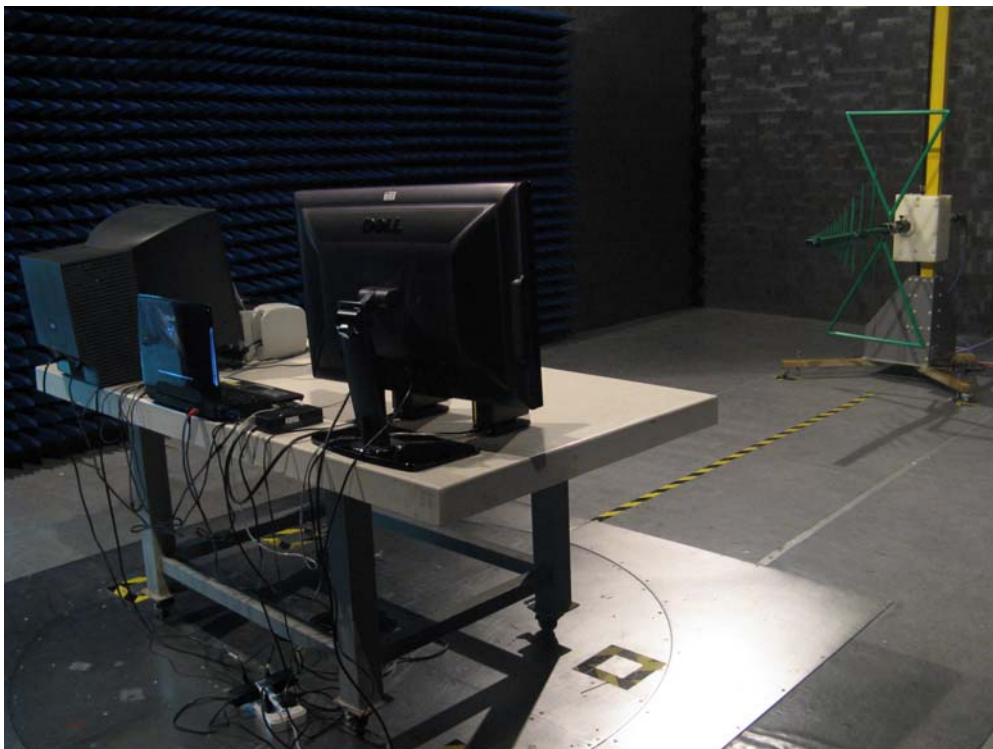
Test Mode: Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

Description: Front View of Radiated Emission Test Setup _ Below 1GHz



Test Mode: Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

Description: Rear View of Radiated Emission Test Setup _ Below 1GHz



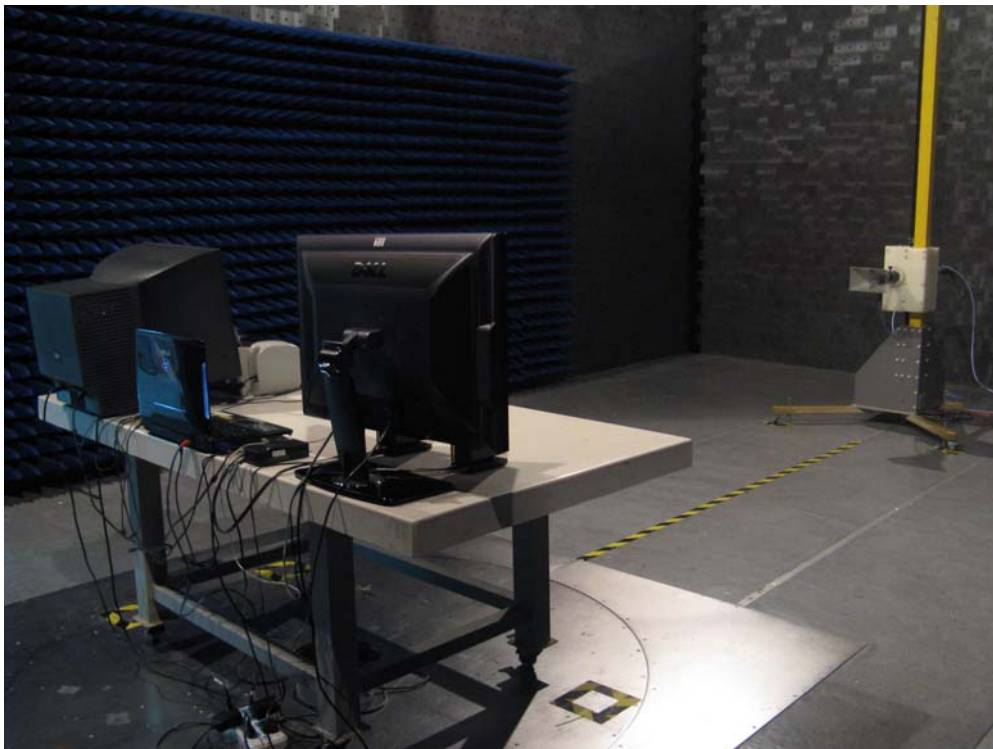
Test Mode: Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

Description: Front View of Radiated Emission Test Setup _ Above 1GHz



Test Mode: Mode 4: LCD (800*600@60Hz) + HDMI (800*600@60Hz)

Description: Rear View of Radiated Emission Test Setup _ Above 1GHz



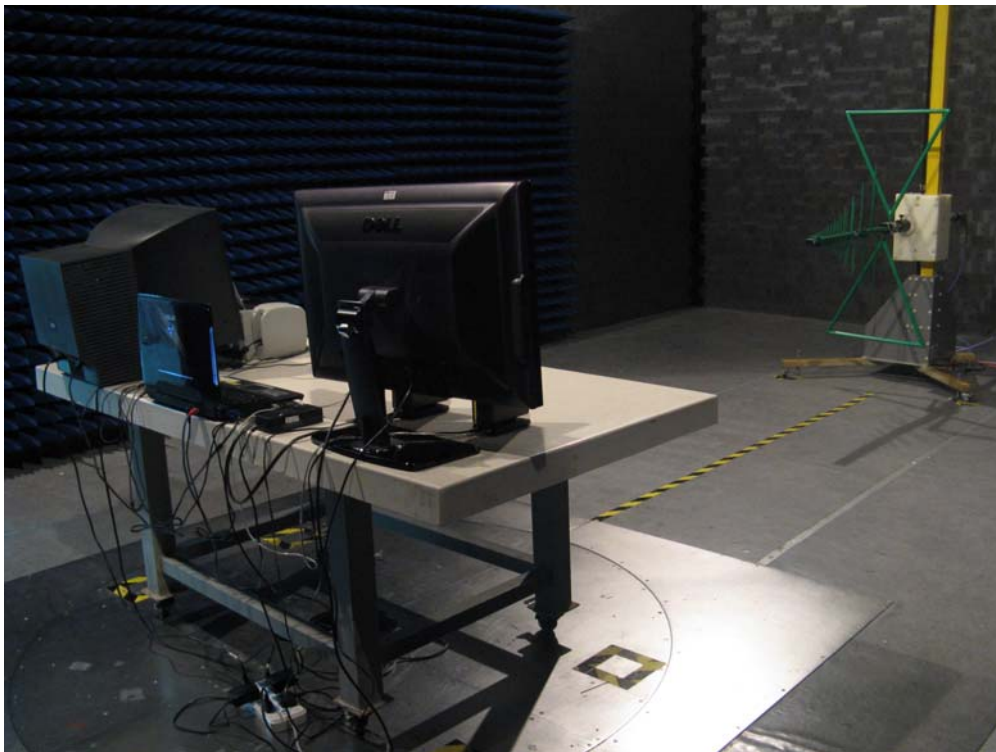
Test Mode: Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

Description: Front View of Radiated Emission Test Setup _ Below 1GHz



Test Mode: Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

Description: Rear View of Radiated Emission Test Setup _ Below 1GHz



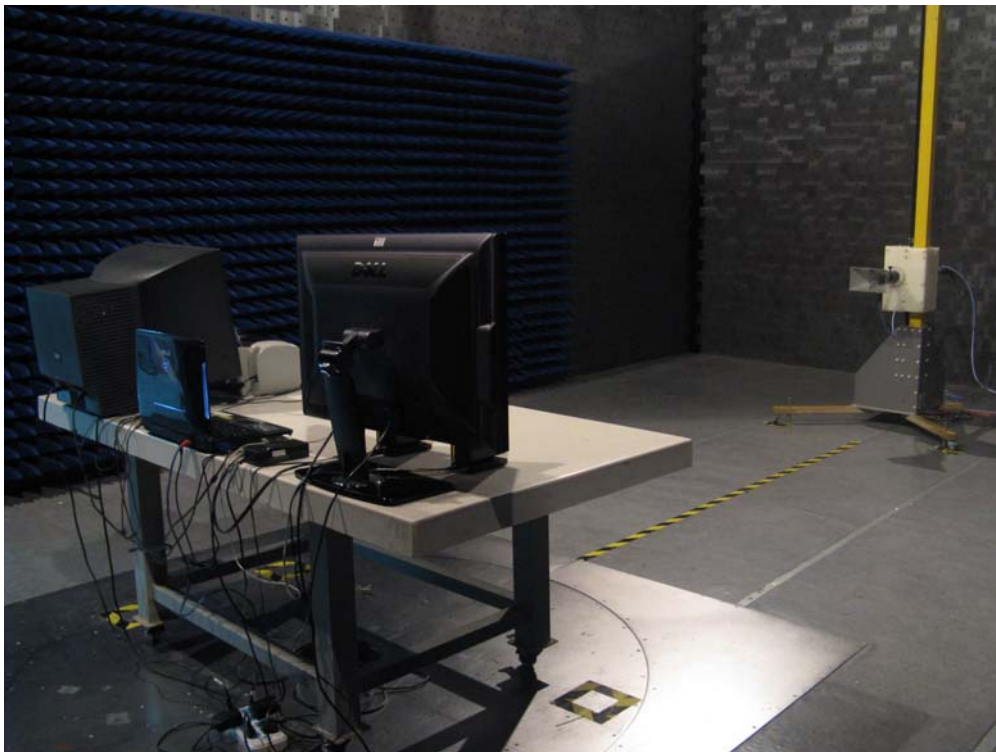
Test Mode: Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

Description: Front View of Radiated Emission Test Setup _ Above 1GHz



Test Mode: Mode 5: LCD (1366*768@60Hz) + HDMI (1366*768@60Hz)

Description: Rear View of Radiated Emission Test Setup _ Above 1GHz



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



(11) EUT Photo



(12) EUT Photo



(13) EUT Photo

