APPLICATION FOR CERTIFICATION
On Behalf of

Sanyo Electric Co., Ltd. Digital System Company

LCD Projector

Model No.: LC-XB250

FCC ID: WS311KA2BC00

Prepared for : Sanyo Electric Co., Ltd. Digital System Company
1-1, Sanyo-cho, Daito-shi, Osaka, Japan

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

Tel: (0755) 26639496

Report Number	:	ACS-F11079
Date of Test	:	Apr.10, 2011
Date of Report	:	Apr.18, 2011

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TEST REPORT CERTIFICATION

Applicant	: Sanyo Electric Co., Ltd. Digital System Company
Manufacturer	: Sanyo Electronics(Dongguan) Co., Ltd.
EUT Description	: LCD Projector
FCC ID	: WS311KA2BC00
(A)MODEL NO.	: LC-XB250
(B)SERIAL NO.	: N/A
(C)POWER SUPPLY	: AC 100-240V, 50/60Hz
(D)TEST VOLTAGE	: AC 120V/60Hz

Test standard and procedure used:

FCC Rules and Regulations Part 15 Subpart B Class B 2008, ANSI C63.4-2009

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B limits for radiated and conducted emissions.

The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of tests. Also, this report shows that EUT is technically compliant with FCC requirements.

This Report is made under FCC Part 2.1075. No modifications were required during testing to bring this product into compliance.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd.

Date of Test : Apr.10, 2011 Report of date: Apr.18, 2011

Prepared by : Blove Ye
Blove Ye / Assistant

Reviewer by :
Sunny Lu / Senior Assistant

AUDIX® 信華科技（深圳）有限公司
Audix Technology (Shenzhen) Co., Ltd.
EMC 部門報告專用章
Stamp only for EMC Dept. Report
Signature: Ken Lu

Approved & Authorized Signer :
Ken Lu / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

EMISSION			
Description of Test Item	**Standard**	**Limits**	**Results**
Power Line Conducted Emission Test	FCC Part 15: 2008 ANSI C63.4: 2009	Class B	PASS
Radiated Emission Test	FCC Part 15: 2008 ANSI C63.4: 2009	Class B	PASS

2. GENERAL INFORMATION

2.1.Description of Device (EUT)

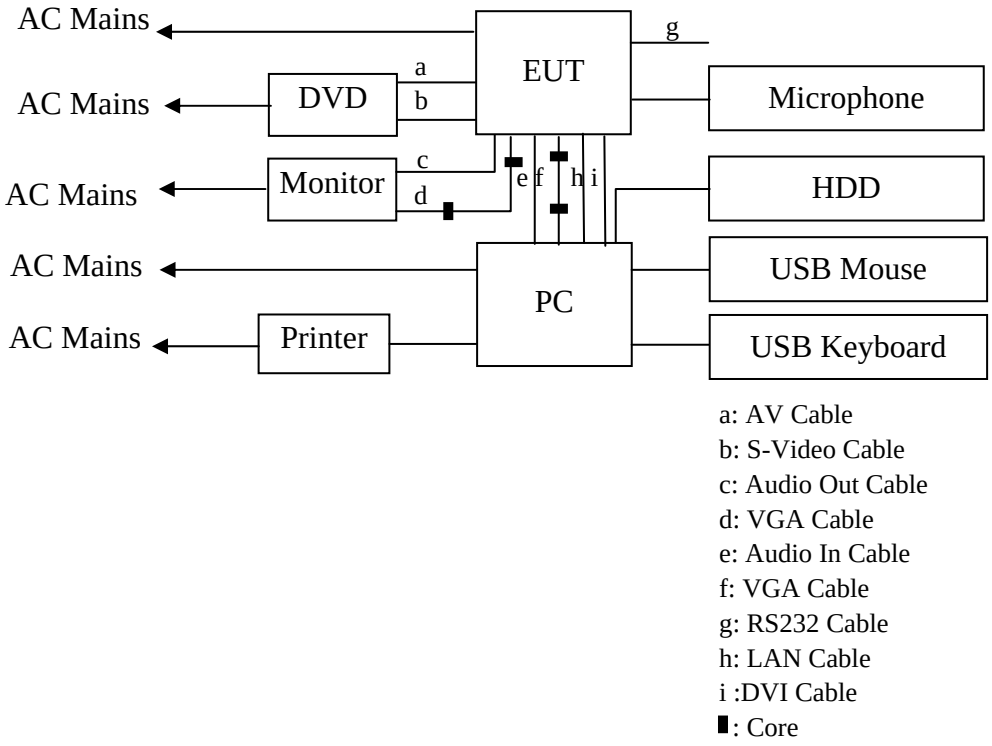
Description	:	LCD Projector
Model Number	:	LC-XB250
Applicant	:	Sanyo Electric Co., Ltd. Digital System Company 1-1, Sanyo-cho, Daito-shi, Osaka, Japan.
Manufacturer	:	Sanyo Electronics(Dongguan) Co., Ltd. Hong Ye Industry Area, TangXia Town, DongGuan City, Guangdong Prov., China
Max. Work Frequency	:	166MHz
Remote Controller	:	Manufacture: EIKI; M/N: CXZS
D-Sub Cable	:	Shielded, Detachable, 1.8m (Bonded two ferrite cores)
Date of Test	:	Apr.10, 2011
Date of Receipt	:	Apr.09, 2011
Sample Type	:	Prototype production

Remark: According to explore test 1280*1024 has the maximum emission. So choose this resolution for all test in this report.

2.2.Tested Supporting System Details

No.	Description	ACS No.	Manufacturer	Model	Serial Number	Approved type
1.	Personal Computer	Test PC P	DELL	Studio 540	124XK2X	☑FCC DoC ☑BSMI ID:R33002
		Power Cord: Unshielded, Detachable, 1.8m Display Card: HD3450 (DVI+VGA+HDMI)				
2.	LCD Monitor	ACS-EMC-LM07R	DELL	3008WFPt	CN-0RW915-71618-846-397L	☑FCC DoC ☑BSMI ID: R3A002
		Power Cord: Unshielded, Detachable, 1.8m Audio out Cable: Shielded, Detachable, 1.8m VGA Cable: Shielded, Detachable, 1.8m (with two cores)				
3.	USB Keyboard	ACS-EMC- K02R	DELL	SK-8115	CN-ORH656-65890-686-007J	☑ FCC DoC ☑BSMI ID: T3A002
		Power Cord: shielded, Undetachable, 2.0m				
4.	USB Mouse	ACS-EMC-M02R	DELL	M056UO	512024264	☑ FCC DoC ☑BSMI ID: R41108
		Power Cord: shielded, Undetachable, 1.8m				
5.	Printer	ACS-EMC-PT04	HP	C9079A	-	☐FCC ID ☑BSMI ID
		USB Cable: shielded, Detachable, 1.5m Power Cord: Unshielded, Detachabled, 1.8m Power Adaptor: HP, 0957-2119, DC Cable: Unshielded, Detachabled, 1.5m				
6.	HDD	ACS-EMC-HDD03	Terasys	F12-UF	A0100215-5390030	☑FCC DoC ☑BSMI ID: 4912A022
		USB Cable: Shielded, Detachable, 1.8m				
7.	DVD Player	ACS-EMC-DVD02	PIONEER	DV-410v-G	TAXZT5	☐FCC ID ☐BSMI ID
		Power Cord: Unshielded, Detachabled , 1.5m				
8.	Microphone(acer)	ACS-EMC-MIC07	HONK	HK-6013	N/A	☑FCC DoC ☐BSMI ID
		Cable: Shielded, Undetachabled, 1.2m				
9.	Audio Cable	Shielded, Detachable, 1.8m				
10.	AV Cable	Shielded, Detachable, 1.5m				
11.	S-Video Cable	Shielded, Detachable, 1.5m				
12.	LAN Cable	Shielded, Detachable, 1.0m				
13.	DVI Cable	Shielded, Detachable, 1.8m				

2.3.Block Diagram of connection between EUT and simulators



a: AV Cable
b: S-Video Cable
c: Audio Out Cable
d: VGA Cable
e: Audio In Cable
f: VGA Cable
g: RS232 Cable
h: LAN Cable
i :DVI Cable
▮: Core

(EUT: LCD Projector)

2.4.Test Facility

Site Description

Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd. No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park,Nantou, Shenzhen, Guangdong, China
3m Anechoic Chamber	:	Mar.31,2009 File on Federal Communication Commission Registration Number: 90454 Certificated by VCCI, Japan Registration No: R-3552 Mar.02, 2011 Certificated by VCCI, Japan Registration No: G-350 Mar.02, 2011
3m & 10m Anechoic Chamber	:	Dec.30,2009 File on Federal Communication Commission Registration Number: 794232
EMC Lab.	:	Accredited by DATech, German Registration Number: DAT-P-091/99-01 Feb. 02, 2009 Accredited by NVLAP, USA NVLAP Code: 200372-0 Mar.31, 2012

2.5.Test Uncertainty (95% confidence levels, k=2)

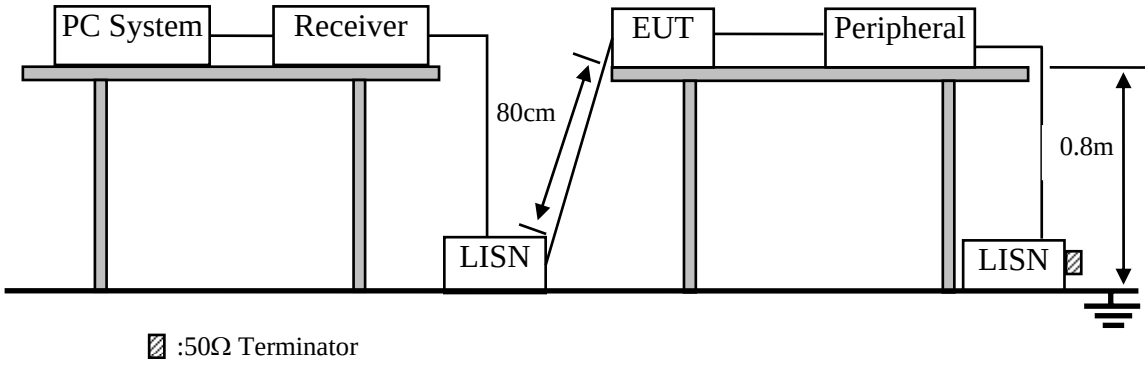
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 2 Conduction	3.22 dB(150kHz to 30MHz)
Uncertainty for Radiation Emission test in 3m chamber	4.20 dB (Polarize: V)
	4.66 dB (Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (1GHz-18GHz)	3.12 dB (Distance: 3m Polarize: V)
	3.74 dB (Distance: 3m Polarize: H)
Uncertainty for test site temperature and humidity	0.3℃
	2%

3. POWER LINE CONDUCTED EMISSION TEST

3.1.Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS10	838693/001	Nov.05, 10	1 Year
2.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	834066/011	Nov.05, 10	1 Year
3.	L.I.S.N.#3	Kyoritsu	KNW-242C	8-1920-1	May.08, 10	1 Year
4.	Terminator	Hubersuhner	50Ω	No. 1	May.08, 10	1 Year
5.	RF Cable	Fujikura	3D-2W	LISN Cable 1#	May.08, 10	1Year
6.	Coaxial Switch	Anritsu	MP59B	M55367	May.08, 10	1 Year
7.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100341	May.08, 10	1 Year

3.2.Block Diagram of Test Setup



▨ :50Ω Terminator

3.3.Power Line Conducted Emission Test Limits

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

3.4.Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

3.4.1. LCD Projector (EUT)

Model Number : LC-XB250
Serial Number : N/A

3.4.2. Support Equipment : As Tested Supporting System Detail, in Section 2.2

3.5.Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 2.2.

3.5.2. Turn on the power of all equipment.

3.5.3. PC mode: PC ran “BurnIntest.exe” program and sent “H” character to EUT through VGA cable, and EUT will display it, and EUT will also output this “H” character to monitor. PC also playing 1kHz audio signal and input to EUT.

3.5.4. AV In/S-Video Mode: DVD player playing color bar signal with 1kHz audio signal and input to EUT to display it.

3.5.5. The other peripheral devices were driven and operated in turn during all testing.

3.6.Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4-2009 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESHS10) is set at 10kHz.

The frequency range from 150kHz to 30MHz is checked. The test results are reported and test results for Conducted Disturbance Test on Section 3.7.

3.7.Power Line Conducted Emission Test Results

PASS. **(**All emissions not reported below are too low against the prescribed limits.)

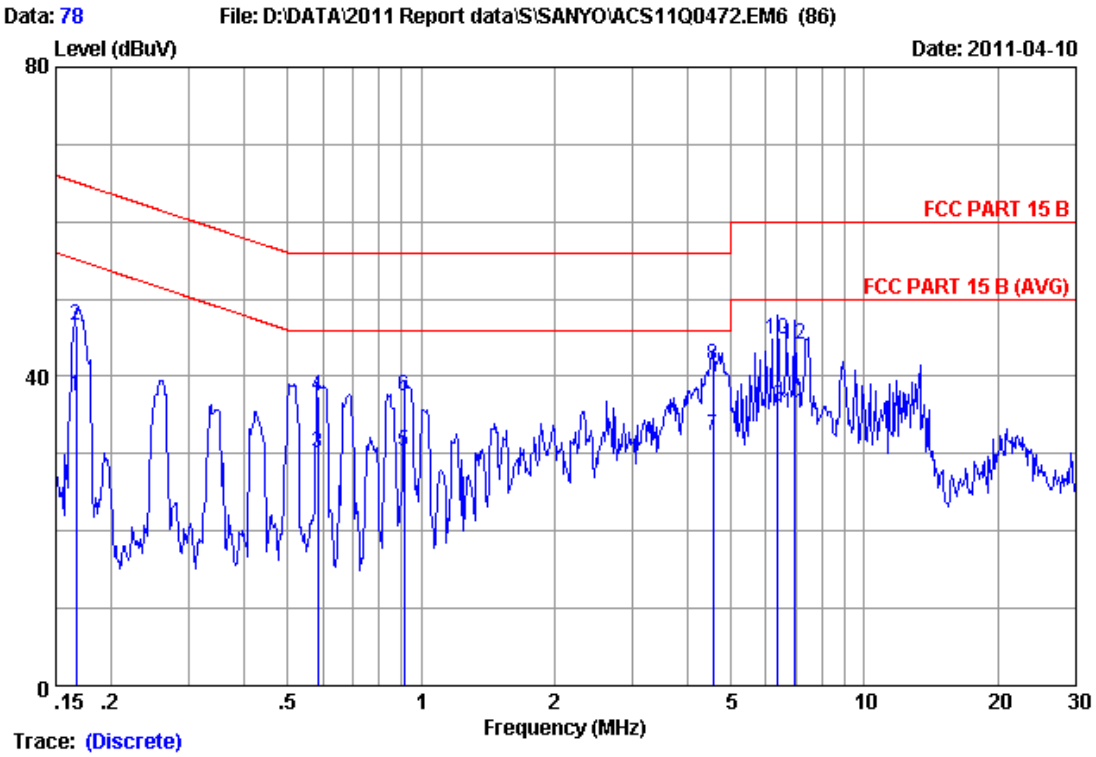
EUT: LCD Projector Model No. : LC-XB250

The EUT with the following test modes were tested and selected to read Q.P values, all the test results are listed in next pages.

Test Date: Apr.10, 2011 Temperature: 29.5℃ Humidity: 55%

The details of test modes are as follows：

NO.	Test Mode	Reference Test Data No.	
		LINE	NEUTRAL
1.	PC mode(DVI In)	#78	#77
2.	PC mode(VGA In)	#75	#76
3.	AV In Mode (Playing Color Bar)	#74	#73
4.	S-Video In Mode (Playing Color Bar)	#71	#72

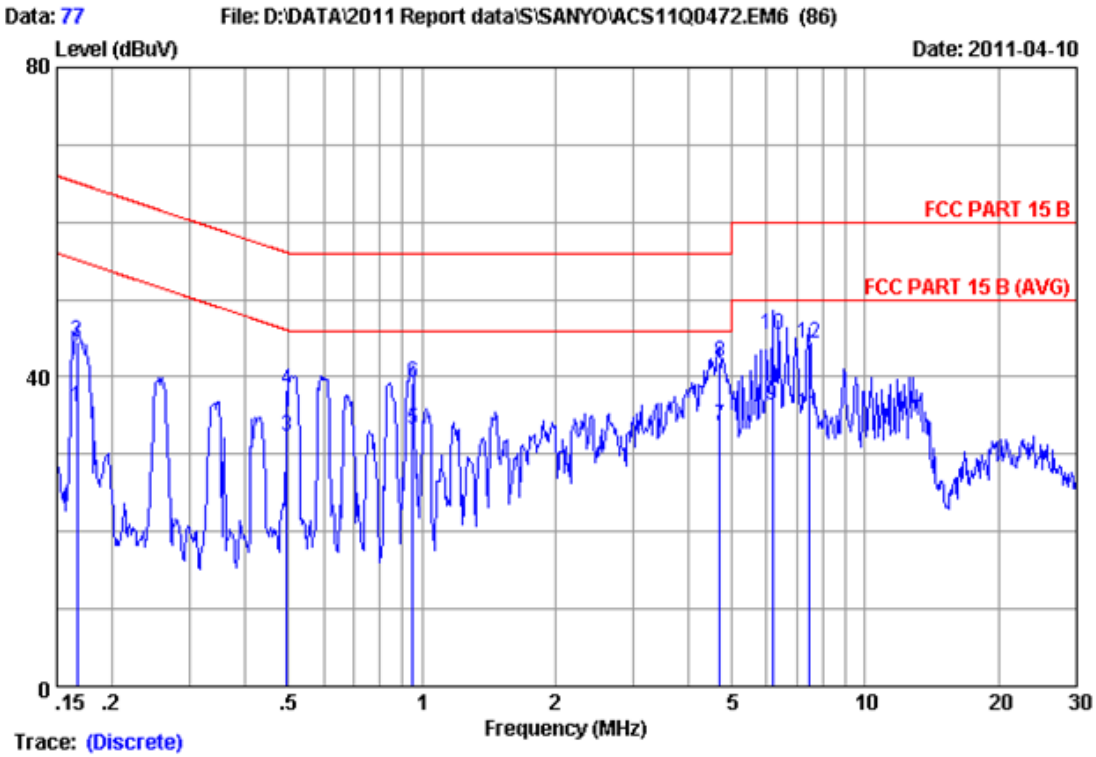


Trace: (Discrete)

Site no :1#conduction Data No :78
Dis./Ant. :** 2011 ESH2-Z5 LINE
Limit :FCC PART 15 B
Env./Ins. :23.8*C/54% Engineer :Jolly_Xu
EUT :LCD Projector M/N:LC-XB250
Power Rating :AC 120V/60Hz
Test Mode :PC Mode(DVI In)
Running "H" Pattern And Play 1kHz Signal

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16700	0.17	9.88	27.30	37.35	55.11	17.76	Average
2	0.16700	0.17	9.88	36.60	46.65	65.11	18.46	QP
3	0.58500	0.19	9.88	19.90	29.97	46.00	16.03	Average
4	0.58500	0.19	9.88	27.40	37.47	56.00	18.53	QP
5	0.91350	0.22	9.89	20.30	30.41	46.00	15.59	Average
6	0.91350	0.22	9.89	27.40	37.51	56.00	18.49	QP
7	4.549	0.36	9.94	22.10	32.40	46.00	13.60	Average
8	4.549	0.36	9.94	31.20	41.50	56.00	14.50	QP
9	6.380	0.44	9.95	25.60	35.99	50.00	14.01	Average
10	6.380	0.44	9.95	34.48	44.87	60.00	15.13	QP
11	6.987	0.47	9.96	24.70	35.13	50.00	14.87	Average
12	6.987	0.47	9.96	33.80	44.23	60.00	15.77	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

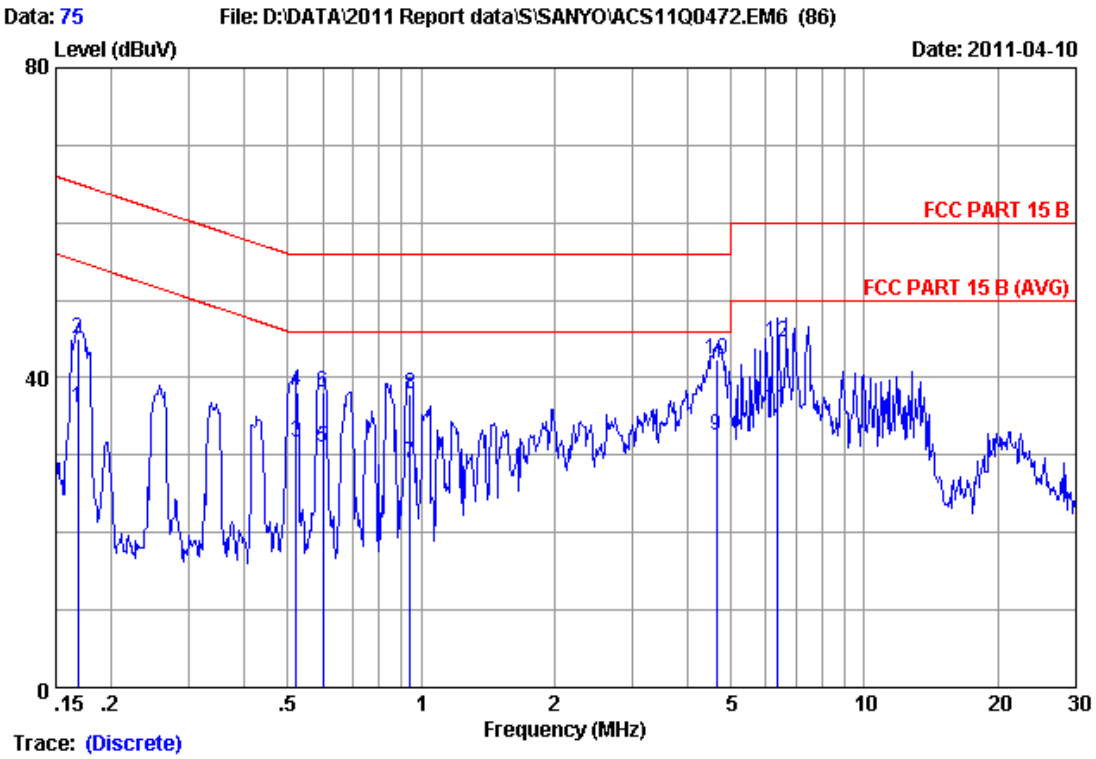


Trace: (Discrete)

Site no :1#conduction Data No :77
Dis./Ant. :** 2011 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 B
Env./Ins. :23.8*C/54% Engineer :Jolly_Xu
EUT :LCD Projector M/N:LC-XB250
Power Rating :AC 120V/60Hz
Test Mode :PC Mode(DVI In)
Running "H" Pattern And Play 1kHz Signal

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16700	0.21	9.88	25.90	35.99	55.11	19.12	Average
2	0.16700	0.21	9.88	34.50	44.59	65.11	20.52	QP
3	0.49600	0.22	9.88	22.20	32.30	46.07	13.77	Average
4	0.49600	0.22	9.88	28.30	38.40	56.07	17.67	QP
5	0.95300	0.24	9.89	23.10	33.23	46.00	12.77	Average
6	0.95300	0.24	9.89	29.20	39.33	56.00	16.67	QP
7	4.696	0.32	9.94	23.40	33.66	46.00	12.34	Average
8	4.696	0.32	9.94	31.70	41.96	56.00	14.04	QP
9	6.186	0.37	9.95	26.00	36.32	50.00	13.68	Average
10	6.186	0.37	9.95	35.10	45.42	60.00	14.58	QP
11	7.446	0.40	9.97	24.90	35.27	50.00	14.73	Average
12	7.446	0.40	9.97	33.90	44.27	60.00	15.73	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

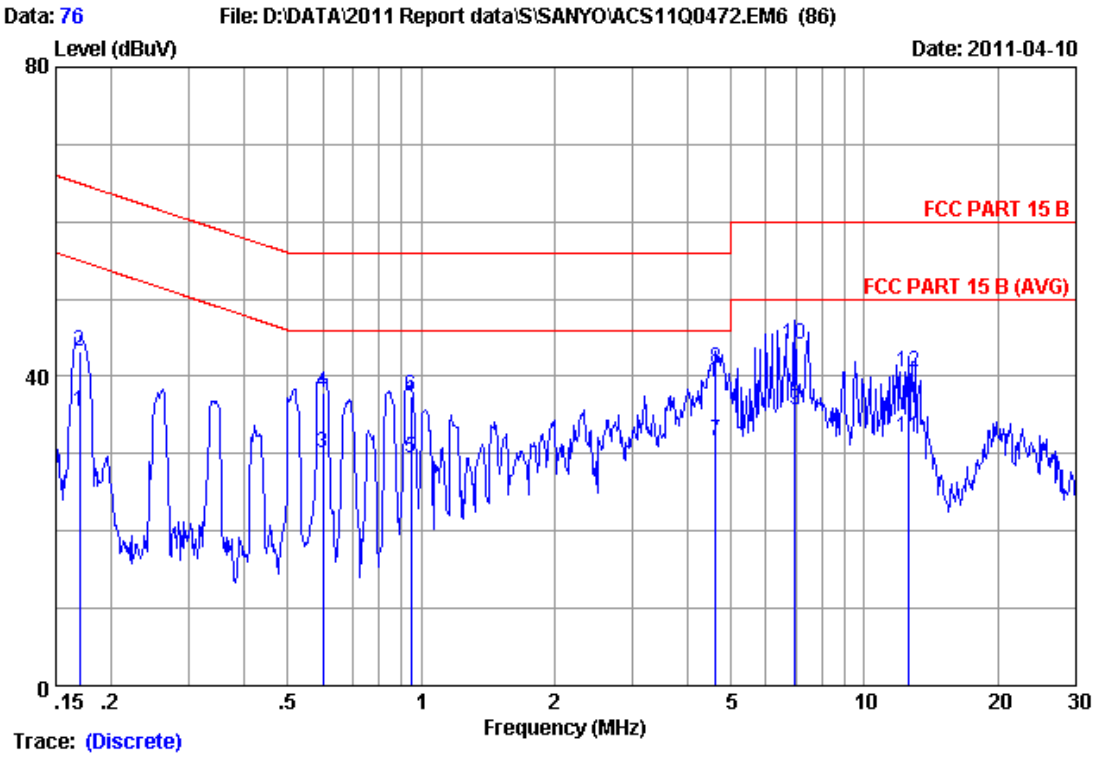


Trace: (Discrete)

Site no :1#conduction Data No :75
Dis./Ant. :** 2011 ESH2-Z5 LINE
Limit :FCC PART 15 B
Env./Ins. :23.8*C/54% Engineer :Jolly_Xu
EUT :LCD Projector M/N:LC-XB250
Power Rating :AC 120V/60Hz
Test Mode :PC Mode(VGA In)
Running "H" Pattern And Play 1kHz Signal

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16800	0.17	9.88	26.00	36.05	55.06	19.01	Average
2	0.16800	0.17	9.88	34.90	44.95	65.06	20.11	QP
3	0.52300	0.19	9.88	21.50	31.57	46.00	14.43	Average
4	0.52300	0.19	9.88	28.30	38.37	56.00	17.63	QP
5	0.60110	0.19	9.88	20.90	30.97	46.00	15.03	Average
6	0.60110	0.19	9.88	28.00	38.07	56.00	17.93	QP
7	0.94300	0.22	9.89	18.90	29.01	46.00	16.99	Average
8	0.94300	0.22	9.89	27.80	37.91	56.00	18.09	QP
9	4.646	0.36	9.94	22.30	32.60	46.00	13.40	Average
10	4.646	0.36	9.94	32.00	42.30	56.00	13.70	QP
11	6.383	0.44	9.95	25.70	36.09	50.00	13.91	Average
12	6.383	0.44	9.95	34.20	44.59	60.00	15.41	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

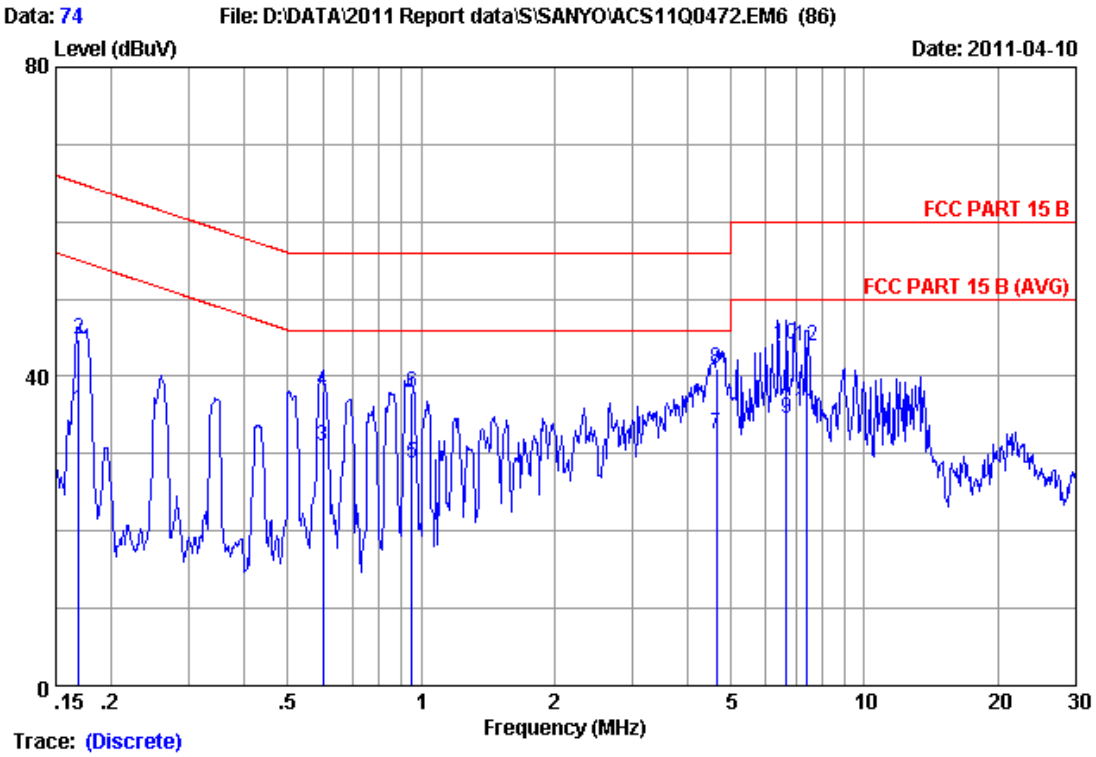


Trace: (Discrete)

Site no :1#conduction Data No :76
Dis./Ant. :** 2011 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 B
Env./Ins. :23.8*C/54% Engineer :Jolly_Xu
EUT :LCD Projector M/N:LC-XB250
Power Rating :AC 120V/60Hz
Test Mode :PC Mode(VGA In)
Running "H" Pattern And Play 1kHz Signal

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.17000	0.21	9.88	25.30	35.39	54.96	19.57	Average
2	0.17000	0.21	9.88	33.20	43.29	64.96	21.67	QP
3	0.60110	0.23	9.88	20.00	30.11	46.00	15.89	Average
4	0.60110	0.23	9.88	27.80	37.91	56.00	18.09	QP
5	0.94800	0.24	9.89	19.30	29.43	46.00	16.57	Average
6	0.94800	0.24	9.89	27.20	37.33	56.00	18.67	QP
7	4.620	0.32	9.94	21.40	31.66	46.00	14.34	Average
8	4.620	0.32	9.94	30.80	41.06	56.00	14.94	QP
9	6.987	0.39	9.96	25.30	35.65	50.00	14.35	Average
10	6.987	0.39	9.96	33.80	44.15	60.00	15.85	QP
11	12.580	0.53	10.01	21.50	32.04	50.00	17.96	Average
12	12.580	0.53	10.01	30.00	40.54	60.00	19.46	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

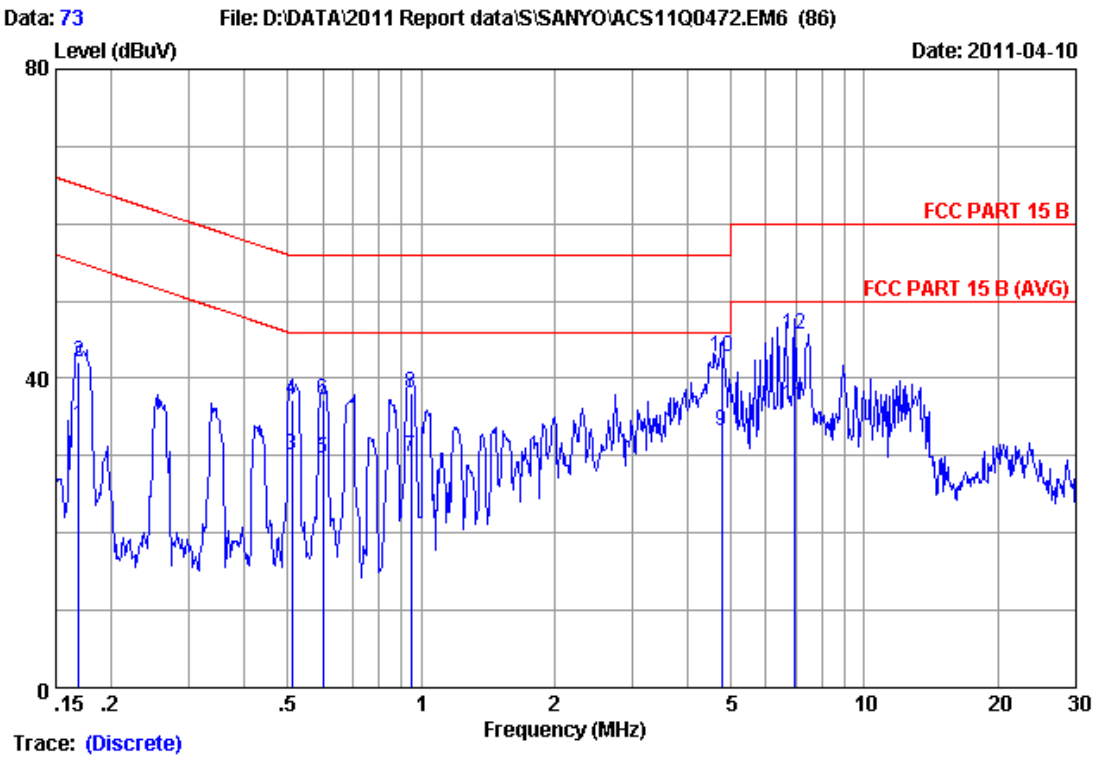


Trace: (Discrete)

Site no :1#conduction Data No :74
Dis./Ant. :** 2011 ESH2-Z5 LINE
Limit :FCC PART 15 B
Env./Ins. :23.8*C/54% Engineer :Jolly_Xu
EUT :LCD Projector M/N:LC-XB250
Power Rating :AC 120V/60Hz
Test Mode :AV In Mode(Playing Color Bar)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16900	0.17	9.88	25.50	35.55	55.01	19.46	Average
2	0.16900	0.17	9.88	34.80	44.85	65.01	20.16	QP
3	0.60100	0.19	9.88	20.90	30.97	46.00	15.03	Average
4	0.60100	0.19	9.88	28.00	38.07	56.00	17.93	QP
5	0.95300	0.22	9.89	18.70	28.81	46.00	17.19	Average
6	0.95300	0.22	9.89	27.80	37.91	56.00	18.09	QP
7	4.646	0.36	9.94	22.30	32.60	46.00	13.40	Average
8	4.646	0.36	9.94	30.80	41.10	56.00	14.90	QP
9	6.660	0.45	9.96	24.20	34.61	50.00	15.39	Average
10	6.660	0.45	9.96	33.80	44.21	60.00	15.79	QP
11	7.440	0.50	9.97	25.00	35.47	50.00	14.53	Average
12	7.440	0.50	9.97	33.40	43.87	60.00	16.13	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

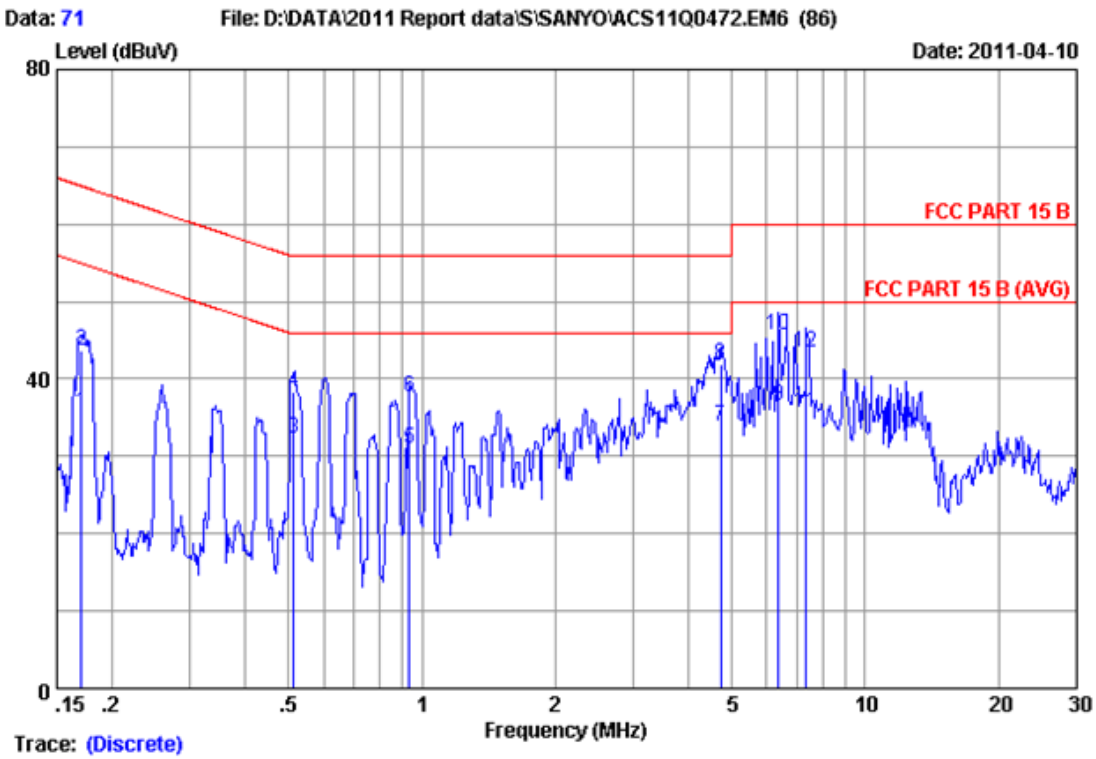


Trace: (Discrete)

Site no :1#conduction Data No :73
Dis./Ant. :** 2011 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 B
Env./Ins. :23.8*C/54% Engineer :Jolly_Xu
EUT :LCD Projector M/N:LC-XB250
Power Rating :AC 120V/60Hz
Test Mode :AV In Mode(Playing Color Bar)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16900	0.21	9.88	23.80	33.89	55.01	21.12	Average
2	0.16900	0.21	9.88	32.10	42.19	65.01	22.82	QP
3	0.51200	0.22	9.88	20.00	30.10	46.00	15.90	Average
4	0.51200	0.22	9.88	27.20	37.30	56.00	18.70	QP
5	0.60100	0.23	9.88	19.50	29.61	46.00	16.39	Average
6	0.60100	0.23	9.88	27.00	37.11	56.00	18.89	QP
7	0.94800	0.24	9.89	19.80	29.93	46.00	16.07	Average
8	0.94800	0.24	9.89	27.90	38.03	56.00	17.97	QP
9	4.770	0.33	9.94	23.00	33.27	46.00	12.73	Average
10	4.770	0.33	9.94	32.50	42.77	56.00	13.23	QP
11	6.987	0.39	9.96	26.10	36.45	50.00	13.55	Average
12	6.987	0.39	9.96	35.30	45.65	60.00	14.35	QP

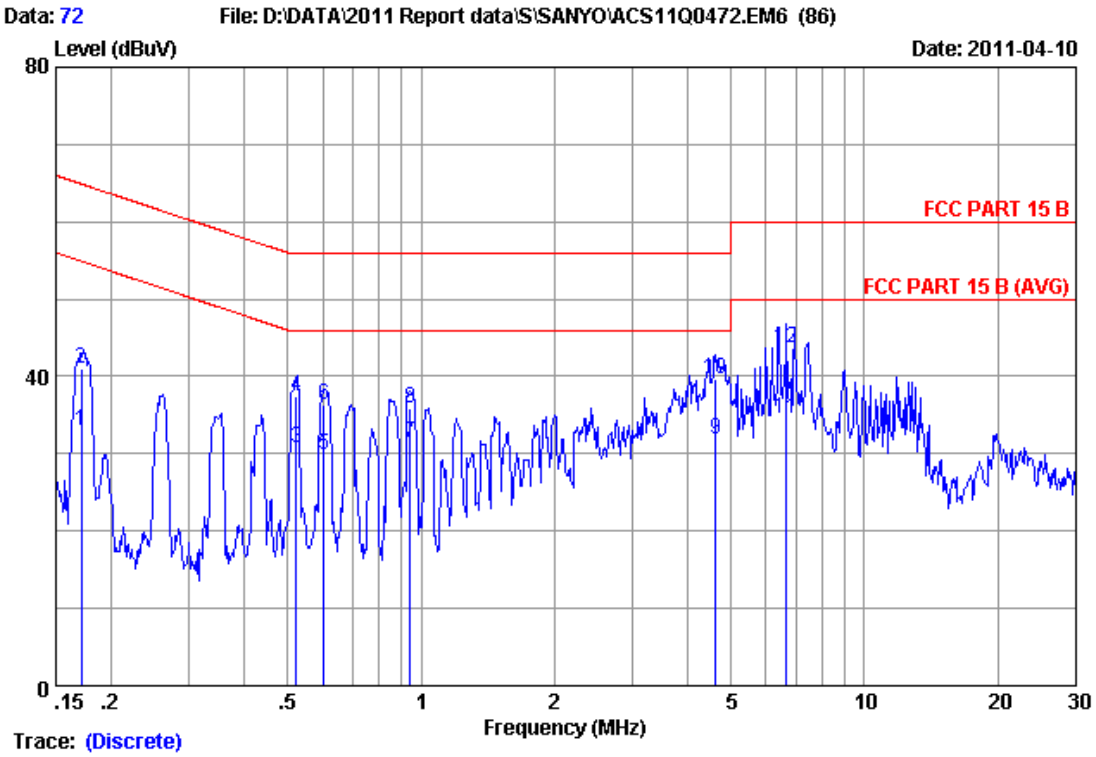
Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



Site no :1#conduction Data No :71
Dis./Ant. :** 2011 ESH2-Z5 LINE
Limit :FCC PART 15 B
Env./Ins. :23.8*C/54% Engineer :Jolly_Xu
EUT :LCD Projector M/N:LC-XB250
Power Rating :AC 120V/60Hz
Test Mode :S-Video In Mode(Playing Color Bar)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.17030	0.17	9.88	25.60	35.65	54.95	19.30	Average
2	0.17030	0.17	9.88	33.70	43.75	64.95	21.20	QP
3	0.51270	0.19	9.88	22.20	32.27	46.00	13.73	Average
4	0.51270	0.19	9.88	28.30	38.37	56.00	17.63	QP
5	0.93800	0.22	9.89	20.90	31.01	46.00	14.99	Average
6	0.93800	0.22	9.89	27.50	37.61	56.00	18.39	QP
7	4.721	0.36	9.94	23.60	33.90	46.00	12.10	Average
8	4.721	0.36	9.94	31.70	42.00	56.00	14.00	QP
9	6.385	0.44	9.95	26.20	36.59	50.00	13.41	Average
10	6.385	0.44	9.95	35.20	45.59	60.00	14.41	QP
11	7.367	0.49	9.97	25.30	35.76	50.00	14.24	Average
12	7.367	0.49	9.97	33.10	43.56	60.00	16.44	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



Trace: (Discrete)

Site no :1#conduction Data No :72
Dis./Ant. :** 2011 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 B
Env./Ins. :23.8*C/54% Engineer :Jolly_Xu
EUT :LCD Projector M/N:LC-XB250
Power Rating :AC 120V/60Hz
Test Mode :S-Video In Mode(Playing Color Bar)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.17100	0.21	9.88	23.00	33.09	54.91	21.82	Average
2	0.17100	0.21	9.88	30.90	40.99	64.91	23.92	QP
3	0.52300	0.22	9.88	20.60	30.70	46.00	15.30	Average
4	0.52300	0.22	9.88	27.30	37.40	56.00	18.60	QP
5	0.60400	0.23	9.88	19.80	29.91	46.00	16.09	Average
6	0.60400	0.23	9.88	26.20	36.31	56.00	19.69	QP
7	0.94300	0.24	9.89	21.30	31.43	46.00	14.57	Average
8	0.94300	0.24	9.89	25.80	35.93	56.00	20.07	QP
9	4.620	0.32	9.94	21.50	31.76	46.00	14.24	Average
10	4.620	0.32	9.94	29.50	39.76	56.00	16.24	QP
11	6.660	0.38	9.96	24.20	34.54	50.00	15.46	Average
12	6.660	0.38	9.96	33.30	43.64	60.00	16.36	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

4. RADIATED EMISSION TEST

4.1.Test Equipment

Frequency rang: 30~1000MHz

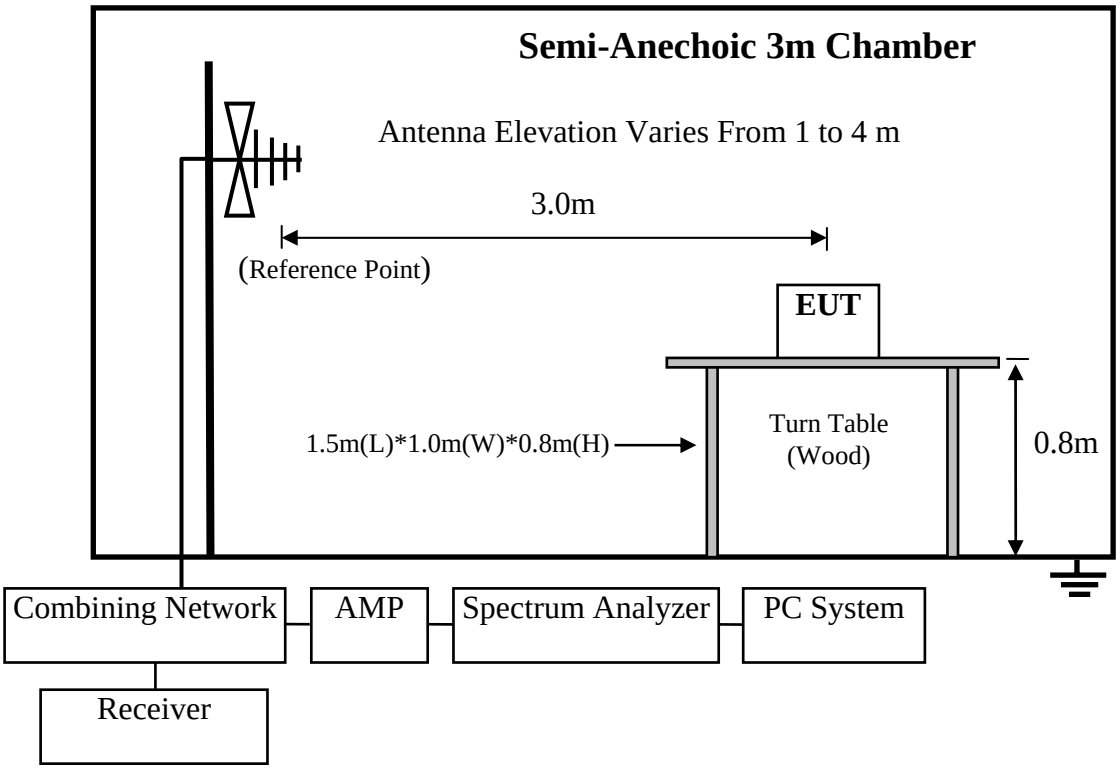
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	3#Chamber	AUDIX	N/A	N/A	Dec.06,10	1 Year
2	EMI Spectrum	Agilent	E4407B	MY41440292	May.08, 10	1 Year
3	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May.08, 10	1 Year
4	Amplifier	HP	8447D	2648A04738	May.08, 10	1 Year
5	Bilog Antenna	Schaffner	CBL6111C	2598	Oct.26, 10	1 Year
6	RF Cable	MIYAZAKI	8D-FB	3# Chamber No.1	May.08, 10	1 Year
7	Coaxial Switch	Anritsu	MP59B	M73989	May.08, 10	1 Year

Frequency rang: above 2000MHz

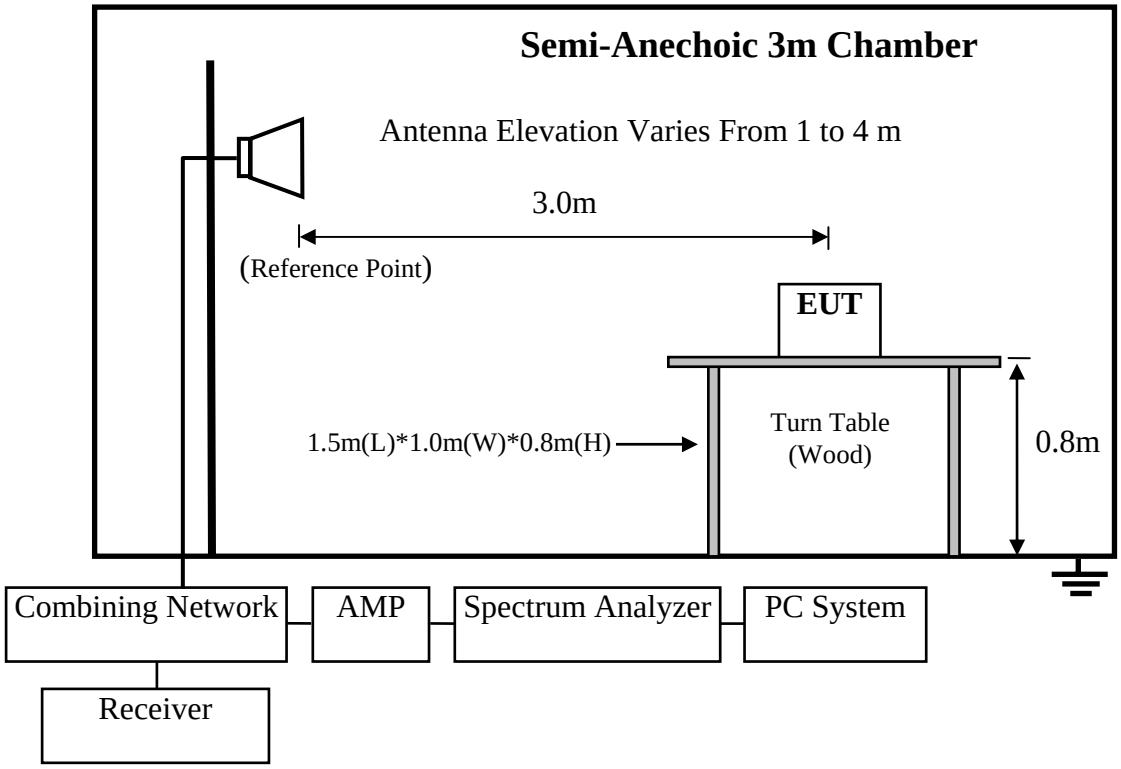
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 10	1 Year
2	Horn Antenna	EMCO	3115	9510-4580	Nov.19, 09	1.5 Year
3	Horn Antenna	EMCO	3116	00060089	Nov.25, 09	1.5 Year
4	Amplifier	Agilent	8449B	3008A00863	May.08, 10	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	May.08, 10	1 Year
6	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,10	1 Year
7	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	May.08,10	1 Year

4.2.Block Diagram of Test Setup

4.2.1. Anechoic Chamber Setup Diagram (30-1000MHz)



4.2.2. In Anechoic Chamber Test Setup Diagram for 1GHz-2GHz



4.3. Radiated Emission Limit

Frequency MHz	Distance (Meters)	Field Strengths Limits dB(μV)/m
30 ~ 88	3	40.0
88 ~ 216	3	43.5
216 ~ 960	3	46.0
960 ~ 1000	3	54.0
Above 2000	3	74(Peak)54(Average)

Remark**:** (1) Emission level = Antenna Factor + Cable Loss + Reading
(2) The smaller limit shall apply at the cross point between two frequency bands.
(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

4.4. EUT Configuration on Test

The configurations of EUT are listed in Section 3.5.

4.5. Operating Condition of EUT

Same as Conducted Emission test that is listed in Section 3.6. except the test set up replaced by Section 4.2.

4.6.Test Procedure

The EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2009 on radiated emission Test.

According FCC Part15A:15.32 requirements, test was performed with device installed in a typical enclosure, and both with enclosure's cover removed and installed. Test also performed with enclosure in vertical and horizontal position.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

4.7.Radiated Emission Test Results

PASS.

EUT: LCD Projector Model No. : LC-XB250

For frequency range 30MHz~1000MHz

The EUT with the following test modes were tested and selected to read Q.P values, all the test results listed in next pages.

Test Date: Apr.10, 2011 Temperature: 24℃ Humidity: 56%

The details of test mode are as follows：

NO.	Test Mode	Reference Test Data No.	
		Horizontal	Vertical
1.	PC Mode(DVI In)	#90	#89
2.	PC Mode(VGA In)	#91	#92
3.	AV In Mode (Playing Color Bar)	#94	#93
4.	S-Video In Mode (Playing Color Bar)	#95	#96

For frequency range 1GHz~2GHz

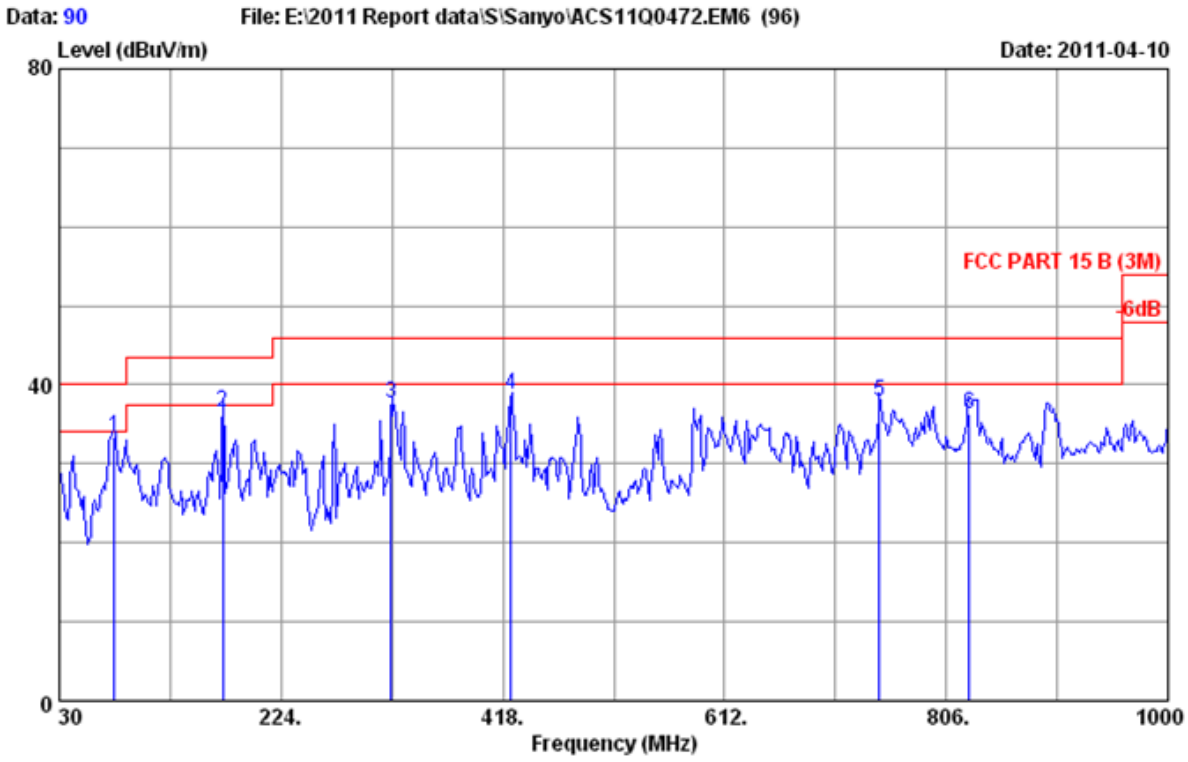
The EUT with below test mode were measured within Anechoic Chamber and the test results listed in next pages

Note: For all the emissions above 1GHz, the peak measured level comply with average limit, so the average level were deemed to comply with average limit.

Test Date:Apr.10, 2011 Temperature: 24℃ Humidity: 56%

NO.	Test Mode	Reference Test Data No.	
		Horizontal	Vertical
1.	PC Mode(DVI In)	#61, #62	#63, #64
2.	PC Mode(VGA In)	#59, #60	#57, #58
3.	AV In Mode (Playing Color Bar)	#53, #54	#55, #56
4.	S-Video In Mode (Playing Color Bar)	#51, #52	#49, #50

Test Frequency: 30MHz-1000MHz

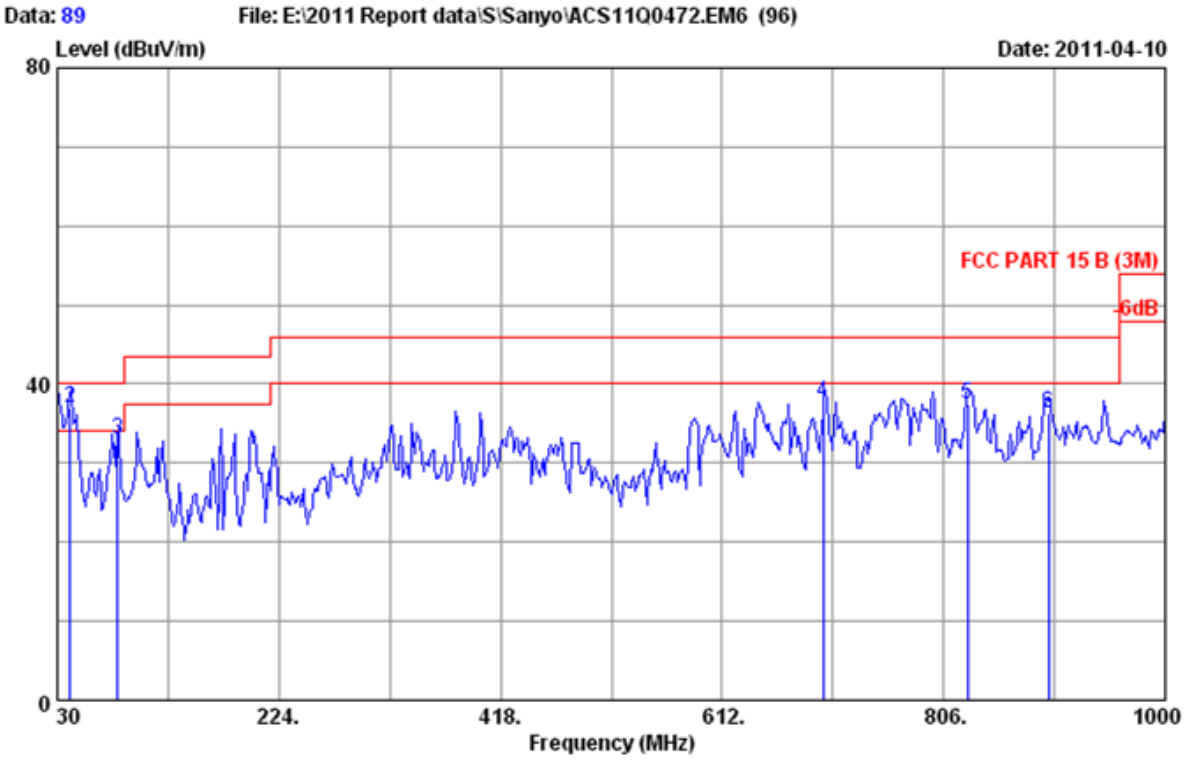


Site no. : 3m Chamber
Dis. / Ant. : 3m 2010 CBL6111C
Limit : FCC PART 15 B (3M)
Env. / Ins. : 24*C/56%
EUT : LCD Projector M/N:LC-XB250
Power rating : AC 120V/60Hz
Test Mode : PC Mode(DVI In)
Running "H" Pattern And Play 1kHz Signal

Data no. : 90
Ant. pol. : HORIZONTAL
Engineer : Rock_su

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	77.850	7.55	0.97	24.90	33.42	40.00	6.58	QP
2	172.650	9.90	1.40	25.30	36.60	43.50	6.90	QP
3	320.690	14.22	2.57	20.80	37.59	46.00	8.41	QP
4	425.358	17.30	3.08	18.40	38.78	46.00	7.22	QP
5	747.282	21.94	4.69	11.30	37.93	46.00	8.07	QP
6	826.280	22.20	4.98	9.20	36.38	46.00	9.62	QP

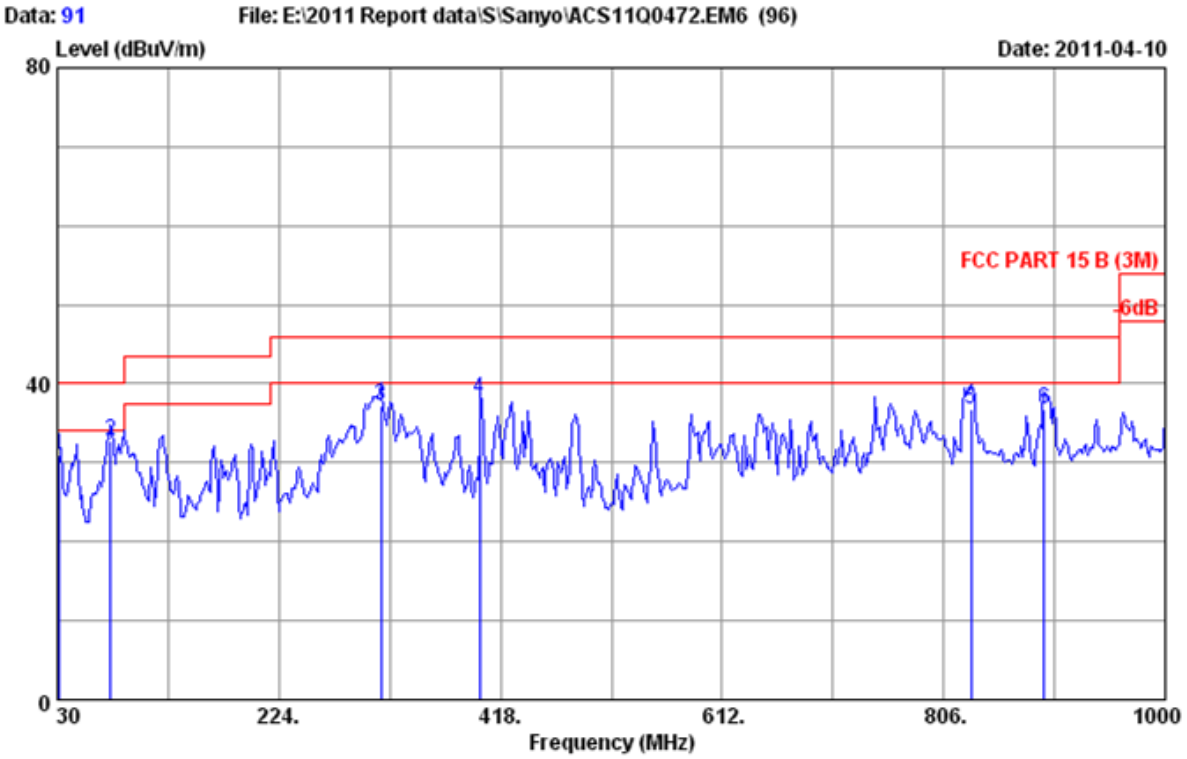
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 89
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : VERTICAL
Limit : FCC PART 15 B (3M)
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power rating : AC 120V/60Hz
Test Mode : PC Mode(DVI In)
Running "H" Pattern And Play 1kHz Signal

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.000	20.00	0.61	16.00	36.61	40.00	3.39	QP
2	40.882	13.96	0.70	22.30	36.96	40.00	3.04	QP
3	82.836	8.04	1.00	23.90	32.94	40.00	7.06	QP
4	700.740	20.80	4.50	12.40	37.70	46.00	8.30	QP
5	826.743	22.20	4.98	10.20	37.38	46.00	8.62	QP
6	897.928	22.82	5.19	8.20	36.21	46.00	9.79	QP

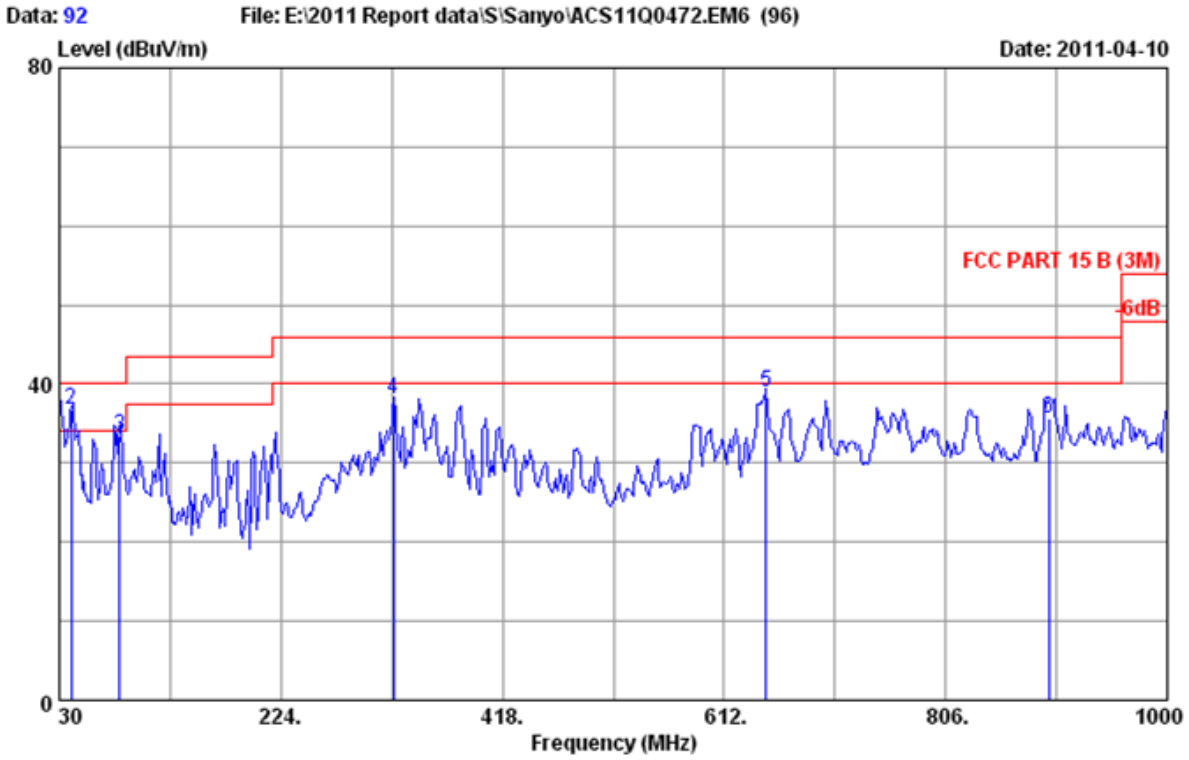
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 91
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B (3M)
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power rating : AC 120V/60Hz
Test Mode : PC Mode(VGA In)
Running "H" Pattern And Play 1kHz Signal

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.690	18.88	0.63	11.40	30.91	40.00	9.09	QP
2	76.690	7.47	0.97	24.29	32.73	40.00	7.27	QP
3	313.096	14.06	2.54	20.70	37.30	46.00	8.70	QP
4	399.860	16.40	2.91	18.80	38.11	46.00	7.89	QP
5	829.860	22.20	4.99	9.50	36.69	46.00	9.31	QP
6	893.930	22.86	5.18	8.70	36.74	46.00	9.26	QP

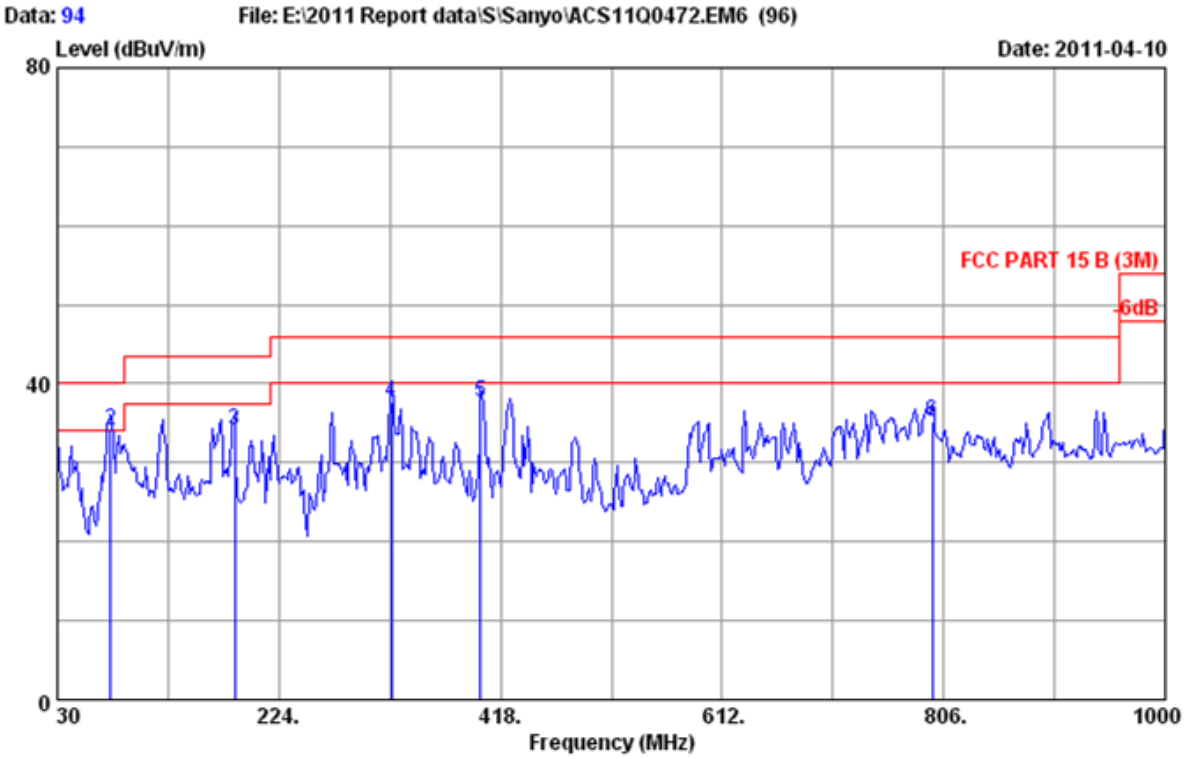
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 92
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : VERTICAL
Limit : FCC PART 15 B (3M)
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power rating : AC 120V/60Hz
Test Mode : PC Mode(VGA In)
Running "H" Pattern And Play 1kHz Signal

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.000	20.00	0.61	16.30	36.91	40.00	3.09	QP
2	40.600	13.96	0.70	22.10	36.76	40.00	3.24	QP
3	82.833	8.04	1.00	24.40	33.44	40.00	6.56	QP
4	322.449	14.24	2.58	21.30	38.12	46.00	7.88	QP
5	648.460	20.41	4.30	14.20	38.91	46.00	7.09	QP
6	896.230	22.84	5.19	7.60	35.63	46.00	10.37	QP

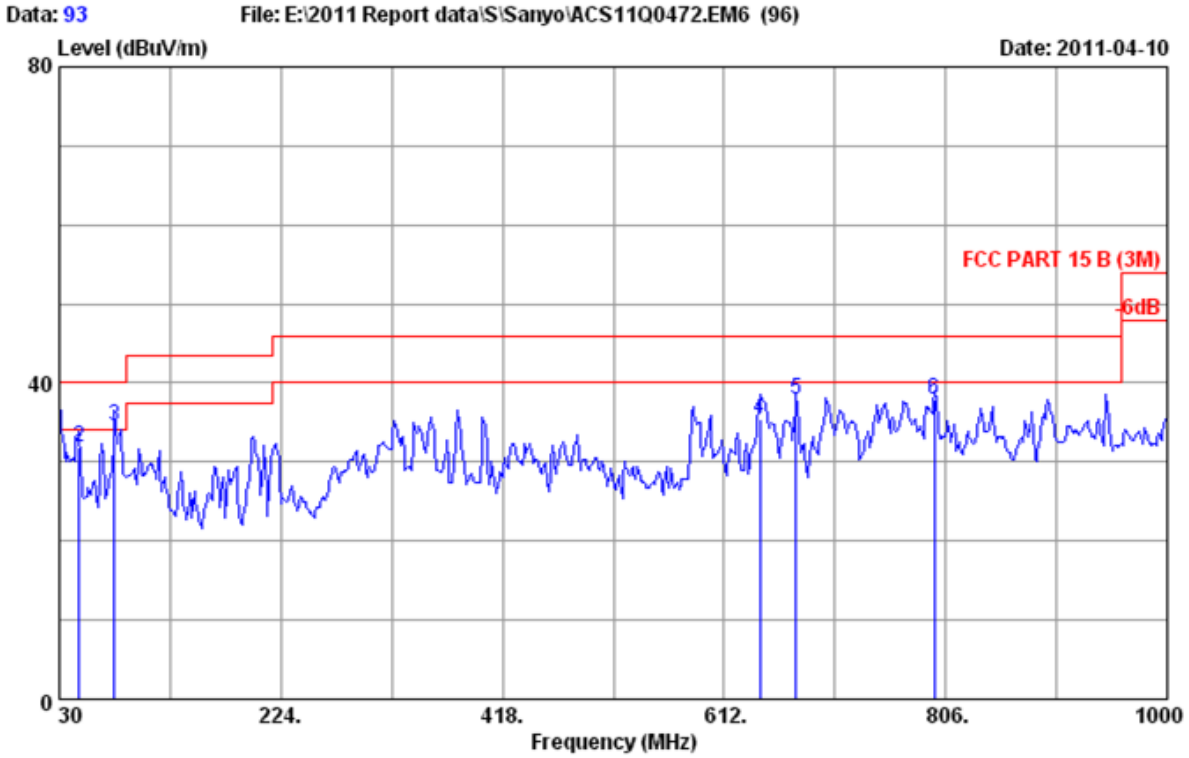
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 94
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B (3M)
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power rating : AC 120V/60Hz
Test Mode : AV In Mode(Playing Color Bar)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.520	19.44	0.62	10.20	30.26	40.00	9.74	QP
2	76.548	7.47	0.97	25.59	34.03	40.00	5.97	QP
3	185.190	9.30	1.55	23.30	34.15	43.50	9.35	QP
4	322.929	14.26	2.58	20.80	37.64	46.00	8.36	QP
5	400.527	16.41	2.92	18.30	37.63	46.00	8.37	QP
6	795.690	22.05	4.88	8.20	35.13	46.00	10.87	QP

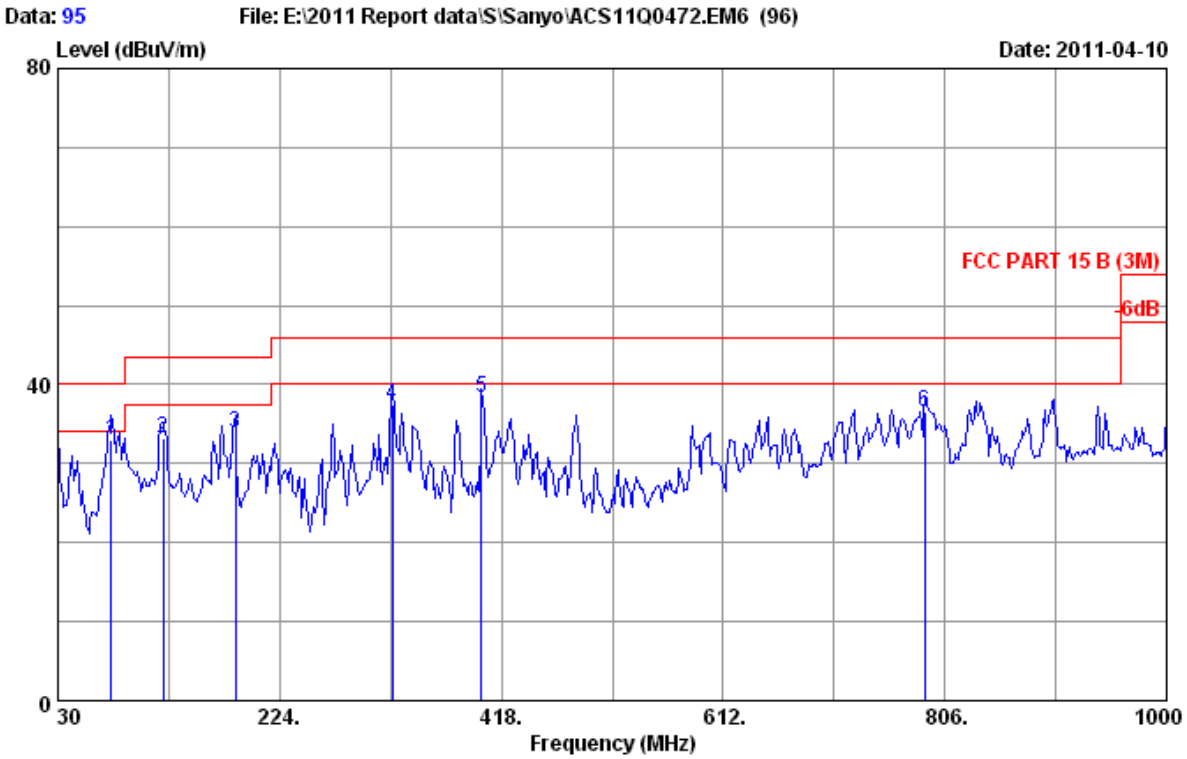
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 93
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : VERTICAL
Limit : FCC PART 15 B (3M)
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power rating : AC 120V/60Hz
Test Mode : AV In Mode(Playing Color Bar)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.330	20.00	0.61	14.60	35.21	40.00	4.79	QP
2	47.440	10.55	0.76	20.60	31.91	40.00	8.09	QP
3	78.500	7.63	0.98	26.00	34.61	40.00	5.39	QP
4	643.022	20.47	4.28	10.60	35.35	46.00	10.65	QP
5	675.044	20.75	4.40	12.70	37.85	46.00	8.15	QP
6	796.280	22.04	4.88	11.00	37.92	46.00	8.08	QP

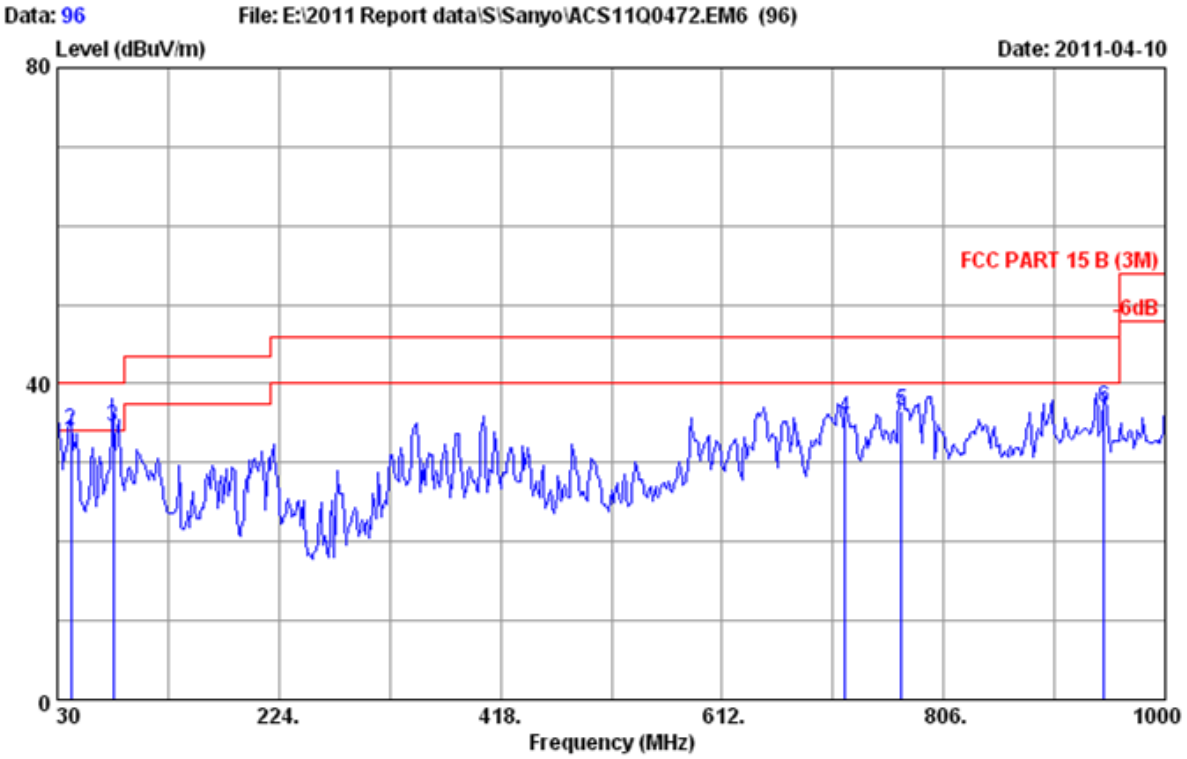
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 95
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B (3M)
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power rating : AC 120V/60Hz
Test Mode : S-Video In Mode(Playing Color Bar)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	76.526	7.47	0.97	24.49	32.93	40.00	7.07	QP
2	122.119	11.98	1.13	20.00	33.11	43.50	10.39	QP
3	185.088	9.30	1.55	23.10	33.95	43.50	9.55	QP
4	322.250	14.24	2.58	20.60	37.42	46.00	8.58	QP
5	400.513	16.41	2.92	19.00	38.33	46.00	7.67	QP
6	788.508	22.10	4.85	9.50	36.45	46.00	9.55	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

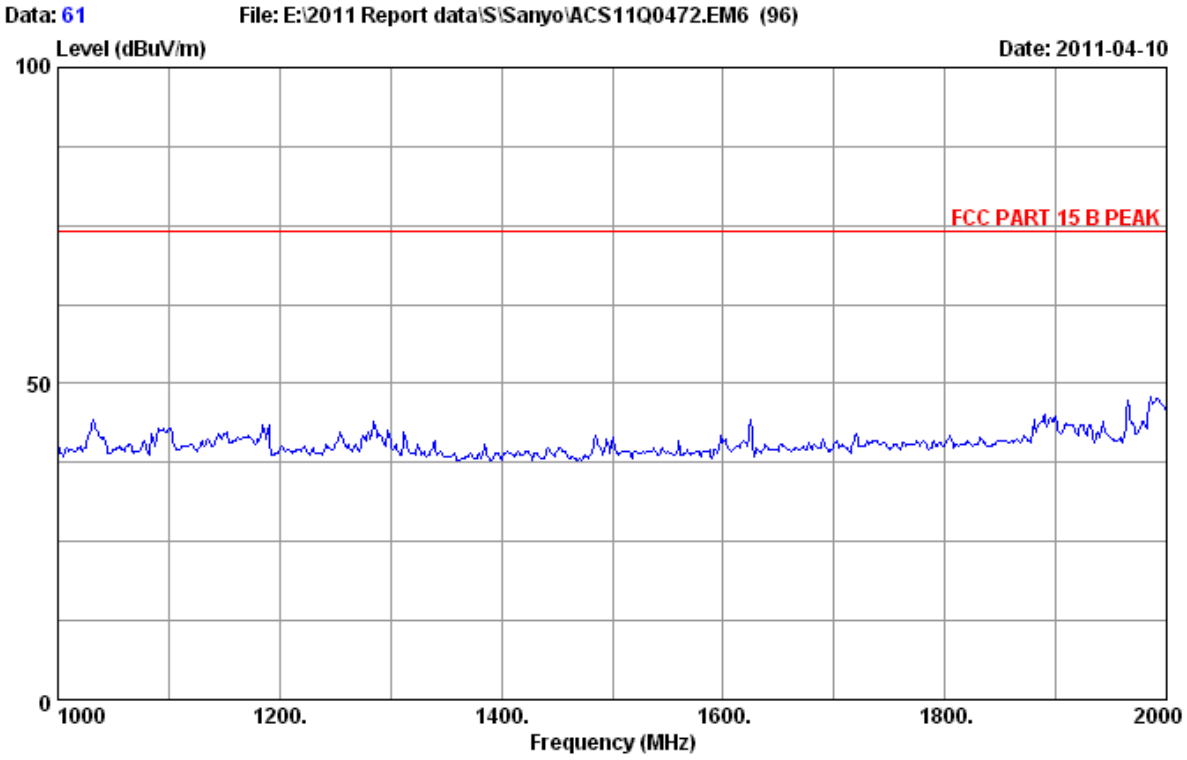


Site no. : 3m Chamber Data no. : 96
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : VERTICAL
Limit : FCC PART 15 B (3M)
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power rating : AC 120V/60Hz
Test Mode : S-Video In Mode(Playing Color Bar)

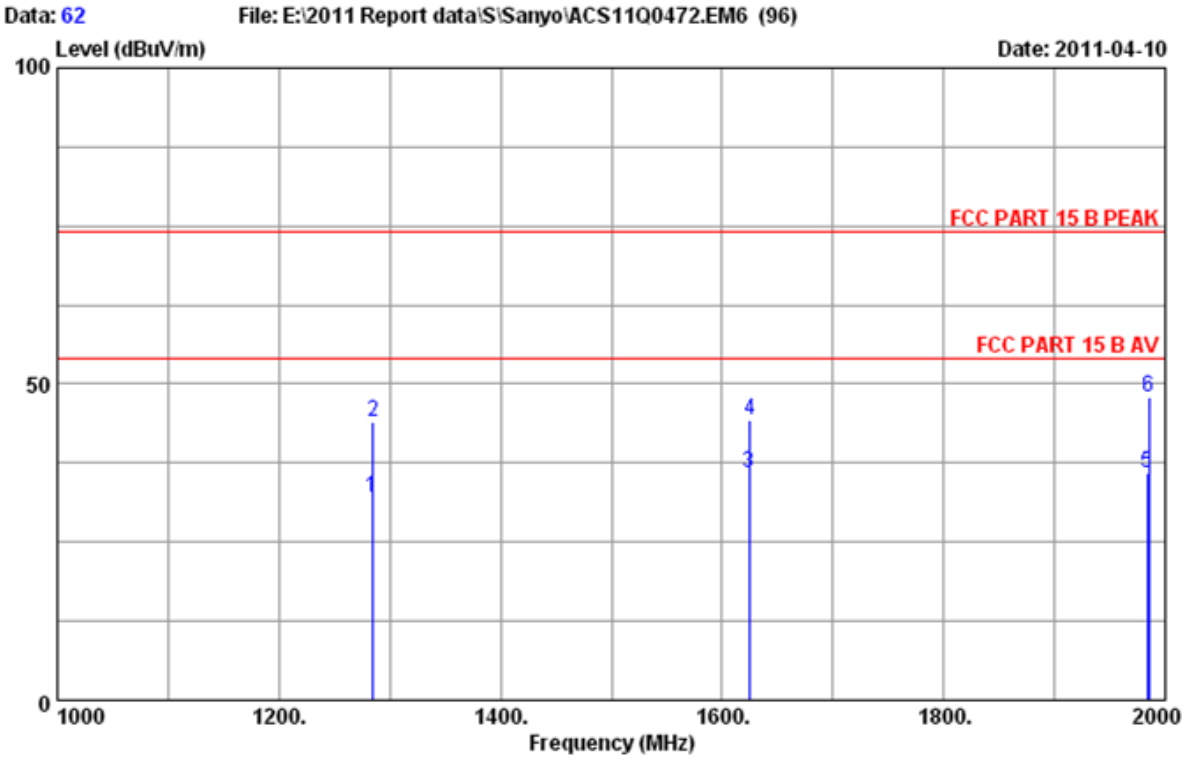
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.250	20.00	0.61	13.00	33.61	40.00	6.39	QP
2	41.640	13.42	0.71	19.90	34.03	40.00	5.97	QP
3	78.960	7.63	0.98	26.00	34.61	40.00	5.39	QP
4	720.006	20.80	4.58	10.20	35.58	46.00	10.42	QP
5	769.115	22.09	4.78	9.70	36.57	46.00	9.43	QP
6	946.617	24.01	5.38	7.70	37.09	46.00	8.91	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Test Frequency: 1GHz--2GHz



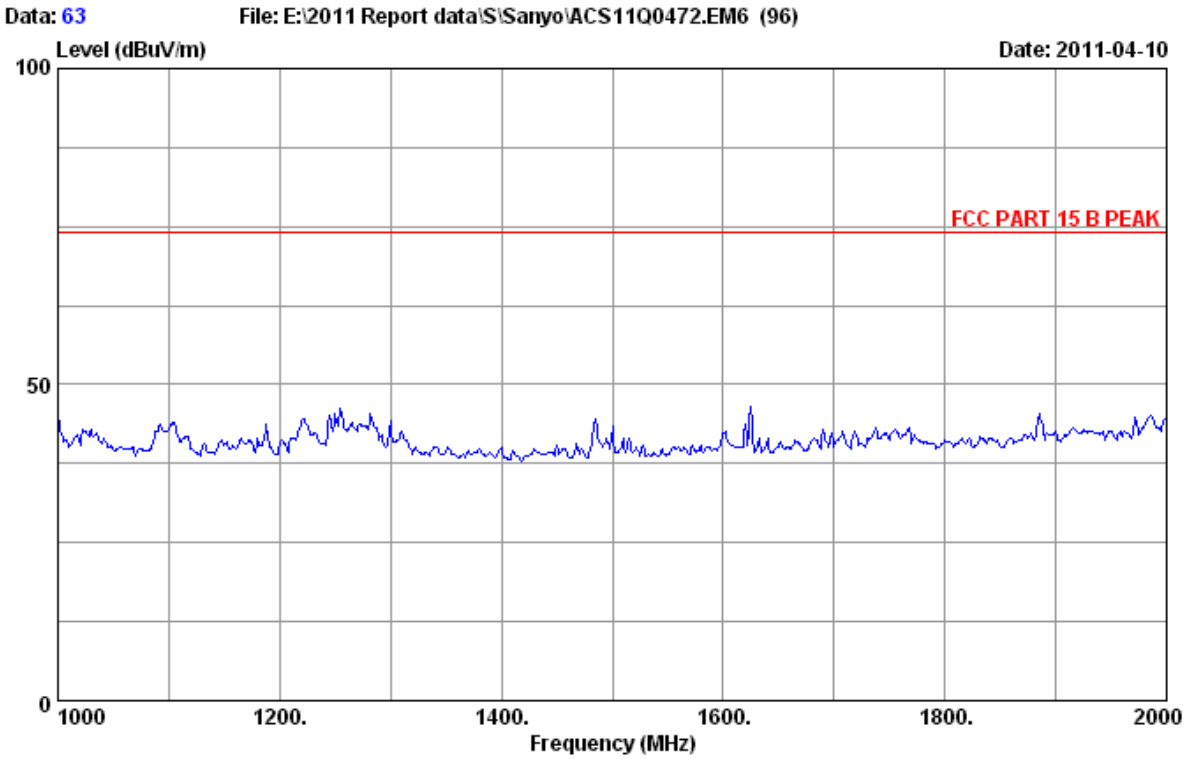

```
Site no.      : 3m Chamber                  Data no.   : 61
Dis. / Ant.   : 3m   2009 3115              Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15 B PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Rock_su
EUT           : LCD Projector  M/N:LC-XB250
Power Rating  : AC 120V/60Hz
Test Mode     : PC Mode(DVI In)
                Running "H" Pattern And Play 1kHz Signal
```



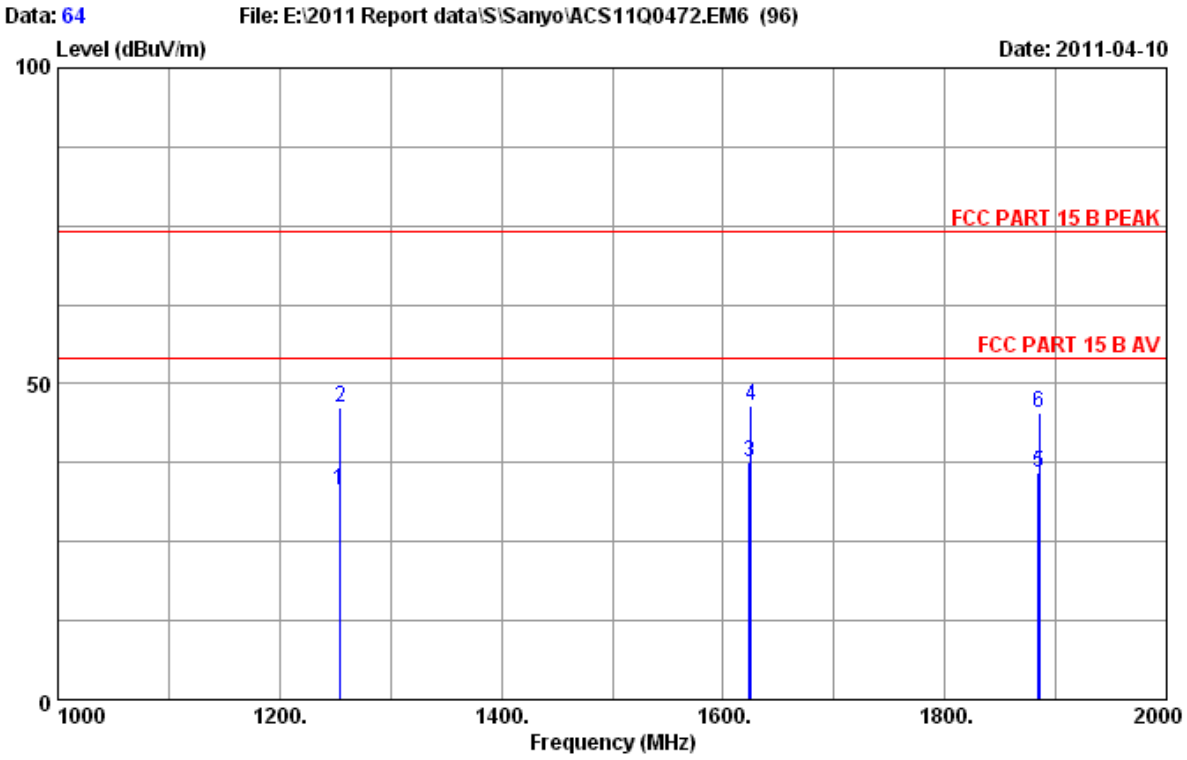
Site no. : 3m Chamber
Data no. : 62
Dis. / Ant. : 3m 2009 3115
Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24*C/56%
Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power Rating : AC 120V/60Hz
Test Mode : PC Mode(DVI In)
Running "H" Pattern And Play 1kHz Signal

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dBuV)	Reading (dBuV/m)	Emission Level (dBuV/m)	Limits (dB)	Margin (dB)	Remark
1	1283.960	25.28	4.35	36.67	39.00	31.96	54.00	22.04	Average
2	1285.000	25.28	4.35	36.67	51.04	44.00	74.00	30.00	Peak
3	1624.560	25.49	4.82	36.11	41.76	35.96	54.00	18.04	Average
4	1625.000	25.49	4.82	36.03	50.07	44.35	74.00	29.65	Peak
5	1983.880	26.26	5.30	35.00	39.44	36.00	54.00	18.00	Average
6	1985.000	26.26	5.30	35.00	51.39	47.95	74.00	26.05	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



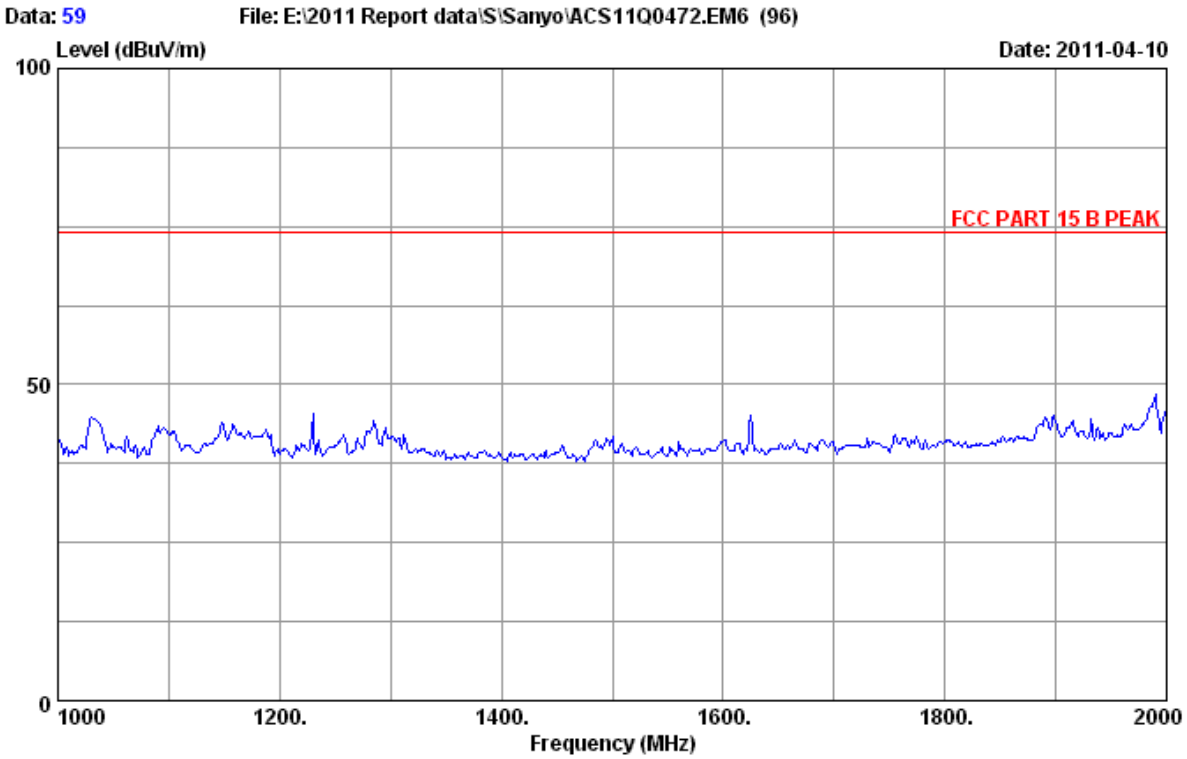

```
Site no.      : 3m Chamber                  Data no.   : 63
Dis. / Ant.   : 3m   2009 3115              Ant. pol.  : VERTICAL
Limit         : FCC PART 15 B PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Rock_su
EUT           : LCD Projector  M/N:LC-XB250
Power Rating  : AC 120V/60Hz
Test Mode     : PC Mode(DVI In)
                Running "H" Pattern And Play 1kHz Signal
```



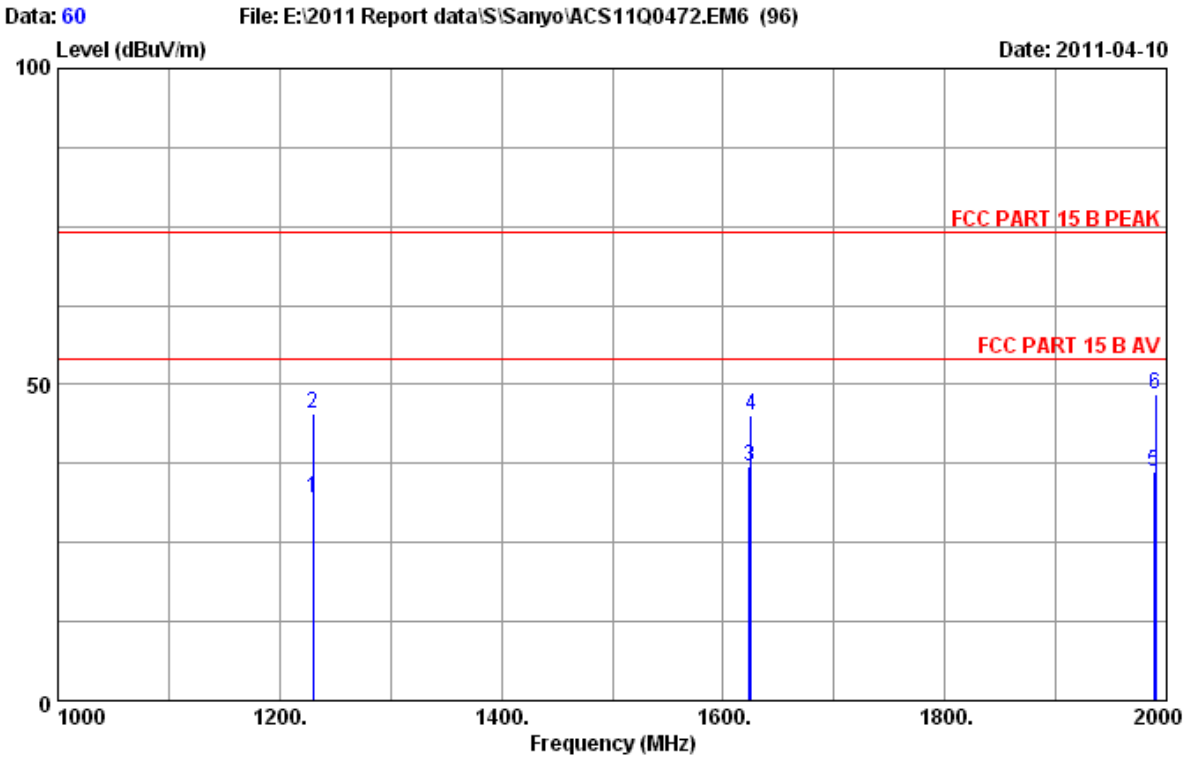
Site no. : 3m Chamber Data no. : 64
Dis. / Ant. : 3m 2009 3115 Ant. pol. : VERTICAL
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power Rating : AC 120V/60Hz
Test Mode : PC Mode(DVI In)
Running "H" Pattern And Play 1kHz Signal

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dBuV)	Reading (dBuV/m)	Emission Level (dBuV/m)	Limits (dB)	Margin (dB)	Remark
1	1254.260	25.30	4.31	36.70	40.12	33.03	54.00	20.97	Average
2	1255.000	25.30	4.31	36.70	53.37	46.28	74.00	27.72	Peak
3	1623.890	25.49	4.82	36.11	43.27	37.47	54.00	16.53	Average
4	1625.000	25.49	4.82	36.03	52.26	46.54	74.00	27.46	Peak
5	1884.290	26.04	5.16	35.29	39.95	35.86	54.00	18.14	Average
6	1885.000	26.04	5.16	35.29	49.45	45.36	74.00	28.64	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                  Data no.   : 59
Dis. / Ant.   : 3m   2009 3115              Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15 B PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Rock_su
EUT           : LCD Projector  M/N:LC-XB250
Power Rating  : AC 120V/60Hz
Test Mode     : PC Mode(VGA In)
                Running "H" Pattern And Play 1kHz Signal
```

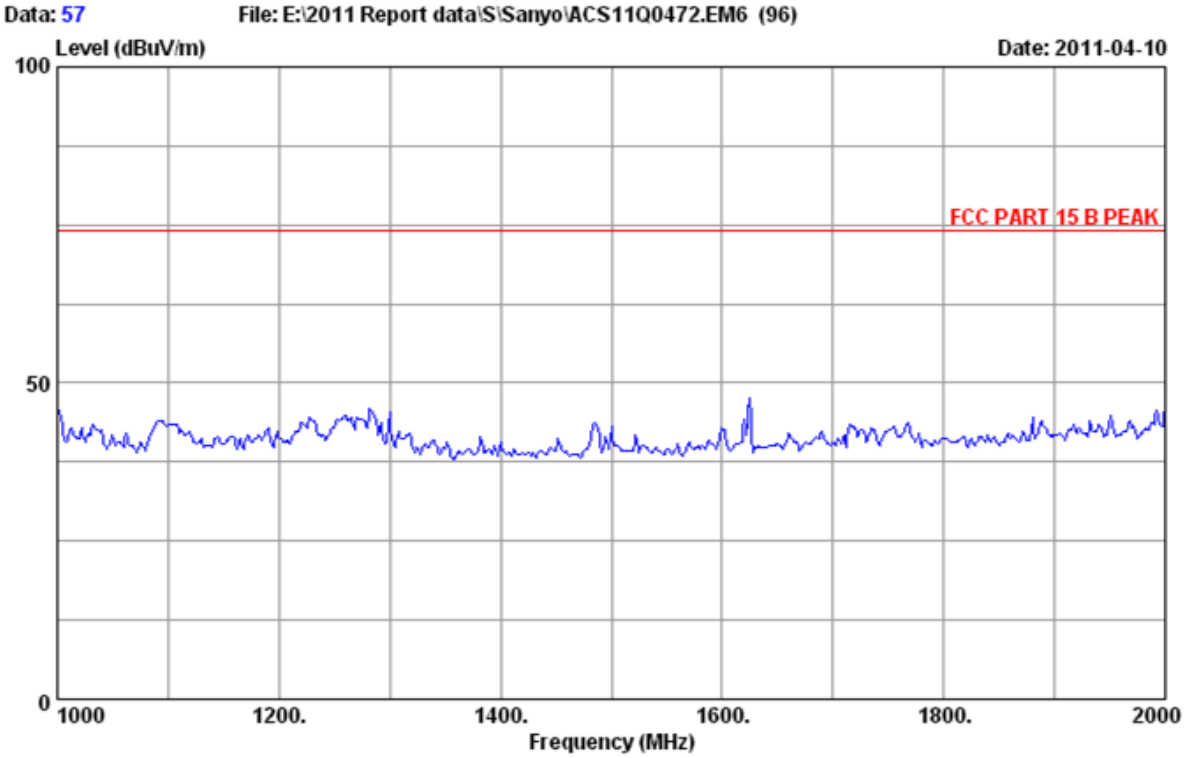


Site no. : 3m Chamber
Dis. / Ant. : 3m 2009 3115
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24*C/56%
EUT : LCD Projector M/N:LC-XB250
Power Rating : AC 120V/60Hz
Test Mode : PC Mode(VGA In)
Running "H" Pattern And Play 1kHz Signal

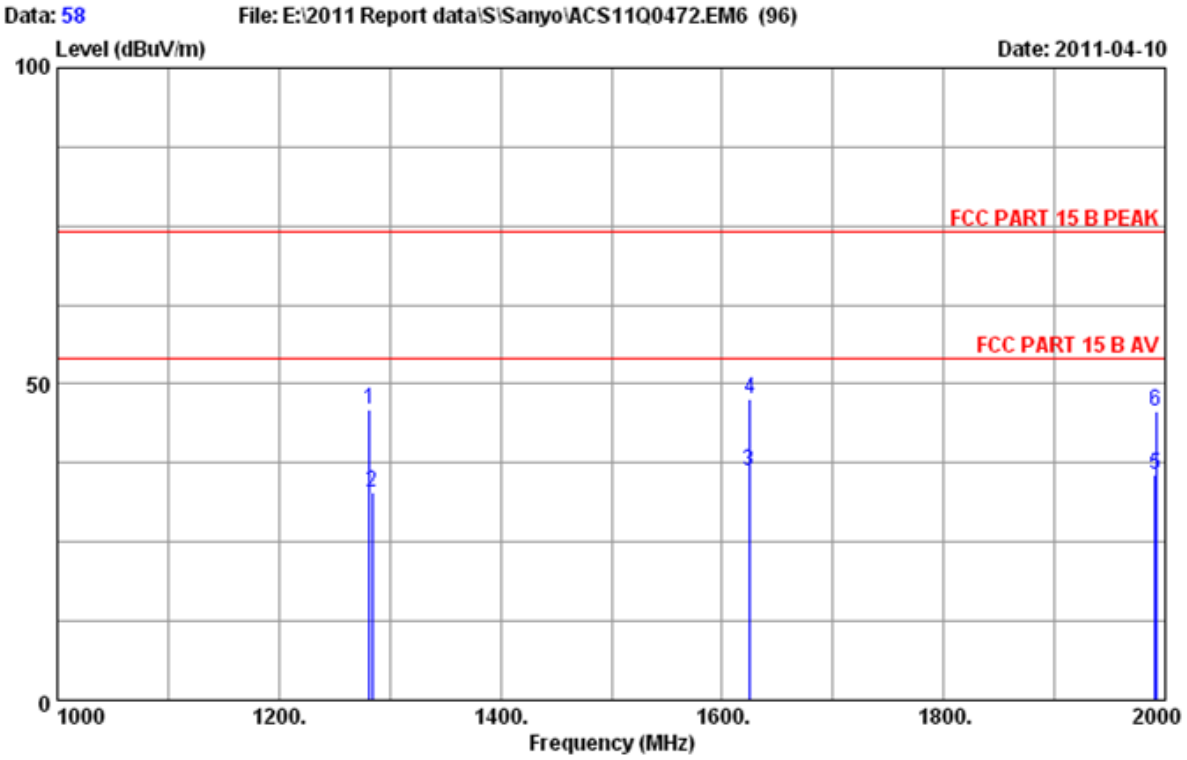
Data no. : 60
Ant. pol. : HORIZONTAL
Engineer : Rock_su

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dBuV)	Reading (dBuV/m)	Emission Level (dBuV/m)	Limits (dB)	Margin (dB)	Remark
1	1229.830	25.30	4.28	36.73	39.22	32.07	54.00	21.93	Average
2	1230.000	25.30	4.28	36.73	52.48	45.33	74.00	28.67	Peak
3	1623.980	25.49	4.82	36.11	42.85	37.05	54.00	16.95	Average
4	1625.000	25.49	4.82	36.03	50.90	45.18	74.00	28.82	Peak
5	1988.790	26.26	5.30	35.00	39.76	36.32	54.00	17.68	Average
6	1990.000	26.26	5.30	35.00	51.91	48.47	74.00	25.53	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



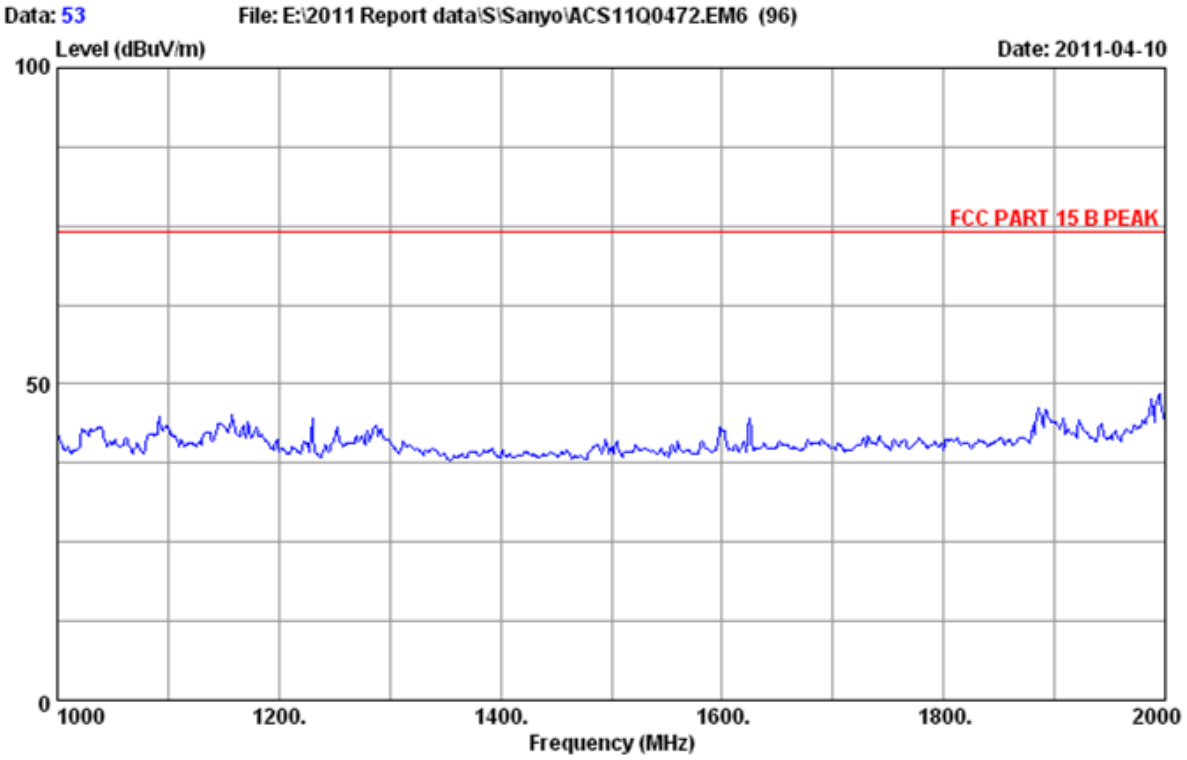

```
Site no.      : 3m Chamber                  Data no.   : 57
Dis. / Ant.   : 3m   2009 3115              Ant. pol.  : VERTICAL
Limit         : FCC PART 15 B PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Rock_su
EUT           : LCD Projector  M/N:LC-XB250
Power Rating  : AC 120V/60Hz
Test Mode     : PC Mode(VGA In)
                Running "H" Pattern And Play 1kHz Signal
```



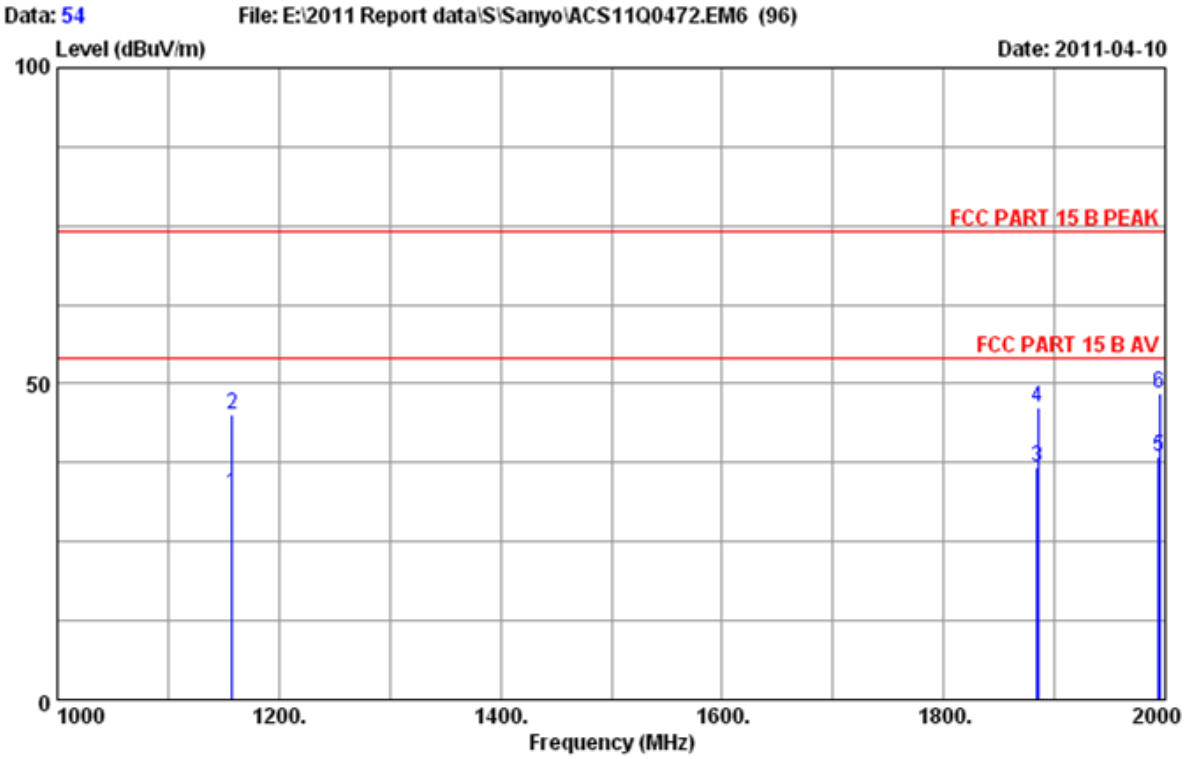
Site no. : 3m Chamber
Data no. : 58
Dis. / Ant. : 3m 2009 3115
Ant. pol. : VERTICAL
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24*C/56%
Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power Rating : AC 120V/60Hz
Test Mode : PC Mode(VGA In)
Running "H" Pattern And Play 1kHz Signal

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dBuV)	Reading (dBuV/m)	Emission Level (dBuV/m)	Limits (dB)	Margin (dB)	Remark
1	1282.000	25.28	4.35	36.67	53.00	45.96	74.00	28.04	Peak
2	1283.860	25.28	4.35	36.67	39.87	32.83	54.00	21.17	Average
3	1624.760	25.49	4.82	36.03	41.95	36.23	54.00	17.77	Average
4	1625.000	25.49	4.82	36.03	53.27	47.55	74.00	26.45	Peak
5	1990.840	26.26	5.30	35.00	38.98	35.54	54.00	18.46	Average
6	1992.000	26.26	5.30	35.00	49.15	45.71	74.00	28.29	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



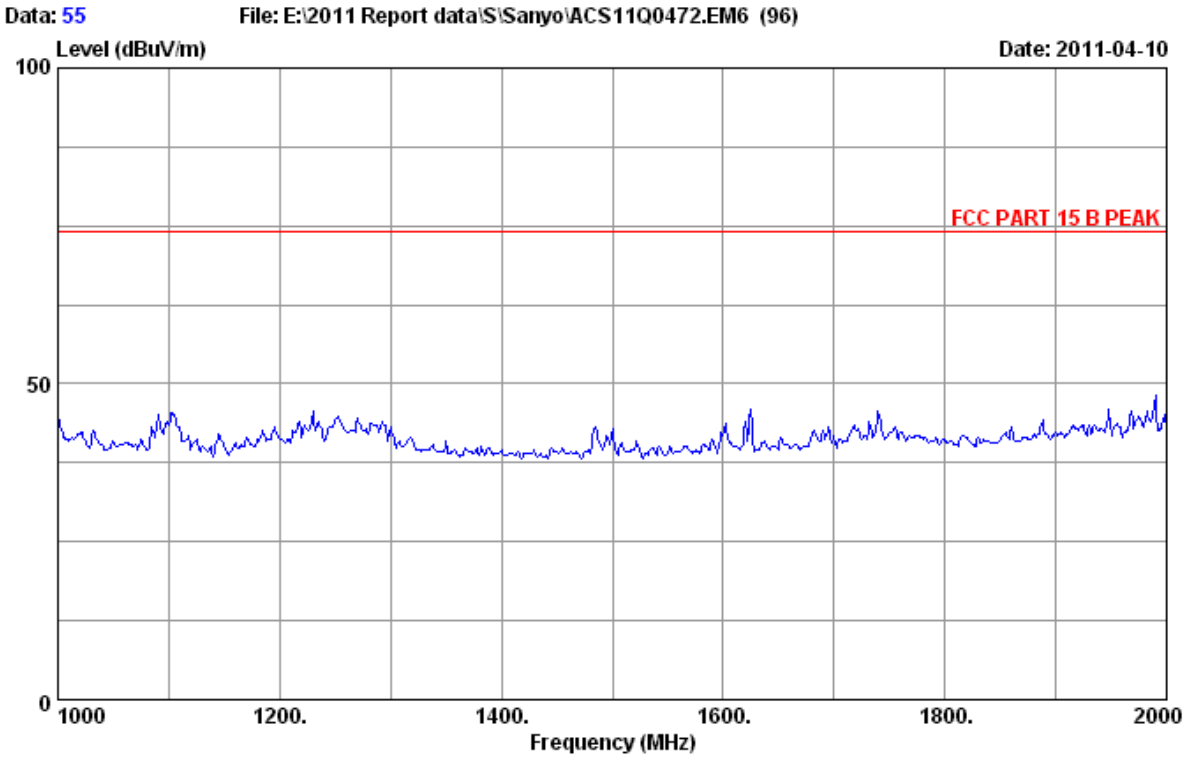

```
Site no.      : 3m Chamber                  Data no.   : 53
Dis. / Ant.   : 3m   2009 3115              Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15 B PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Rock_su
EUT           : LCD Projector  M/N:LC-XB250
Power Rating  : AC 120V/60Hz
Test Mode     : AV In Mode(Playing Color Bar)
```



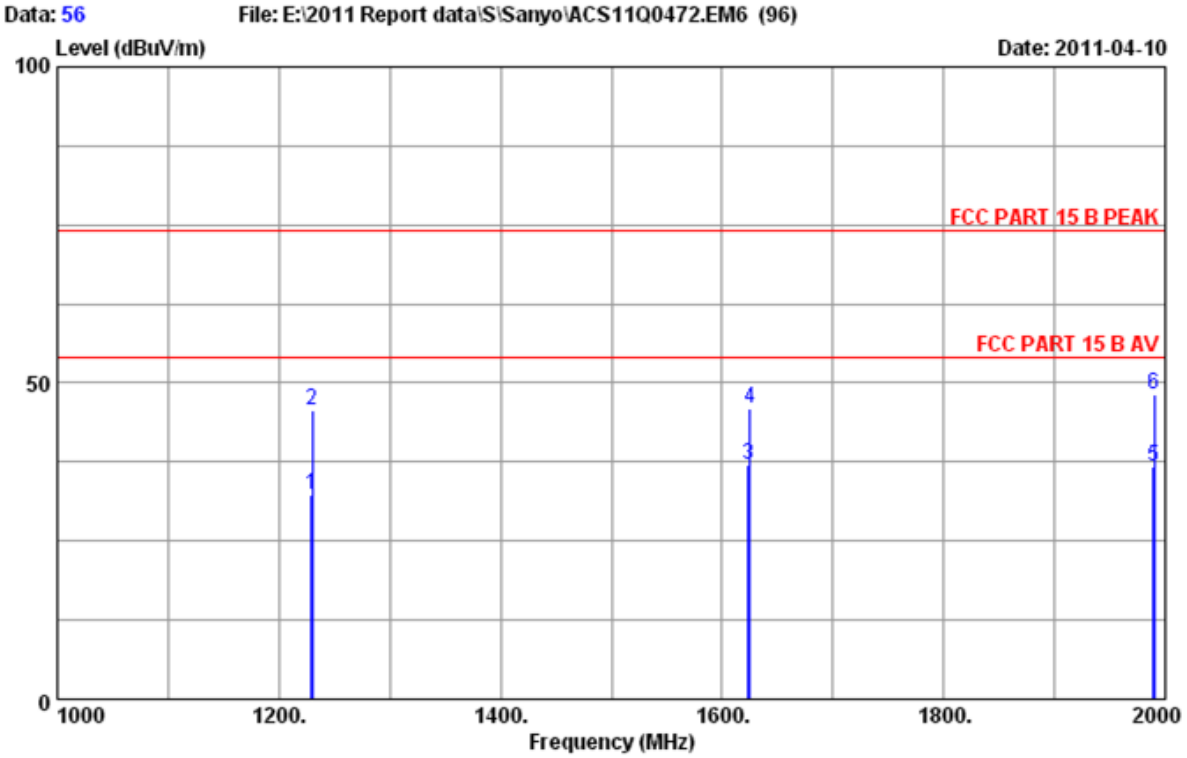
Site no. : 3m Chamber
Data no. : 54
Dis. / Ant. : 3m 2009 3115
Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24*C/56%
Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power Rating : AC 120V/60Hz
Test Mode : AV In Mode(Playing Color Bar)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dBuV)	Reading (dBuV/m)	Emission Level (dBuV/m)	Limits (dB)	Margin (dB)	Remark
1	1157.910	25.34	4.17	36.82	40.00	32.69	54.00	21.31	Average
2	1158.000	25.34	4.17	36.82	52.55	45.24	74.00	28.76	Peak
3	1884.360	26.04	5.16	35.29	40.75	36.66	54.00	17.34	Average
4	1885.000	26.04	5.16	35.29	50.34	46.25	74.00	27.75	Peak
5	1993.990	26.26	5.30	35.00	41.88	38.44	54.00	15.56	Average
6	1995.000	26.30	5.32	35.00	51.76	48.38	74.00	25.62	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



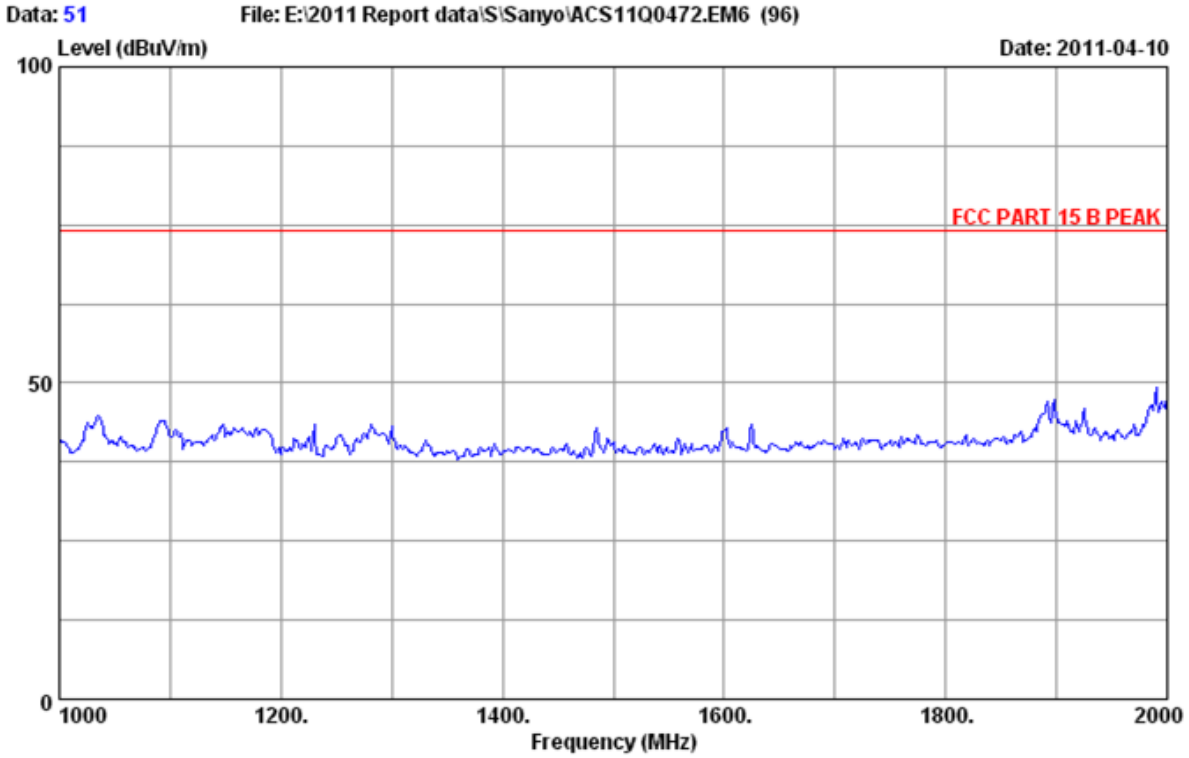
Site no.	: 3m Chamber	Data no.	: 55
Dis. / Ant.	: 3m 2009 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B PEAK		
Env. / Ins.	: 24*C/56%	Engineer	: Rock_su
EUT	: LCD Projector M/N:LC-XB250		
Power Rating	: AC 120V/60Hz		
Test Mode	: AV In Mode(Playing Color Bar)		



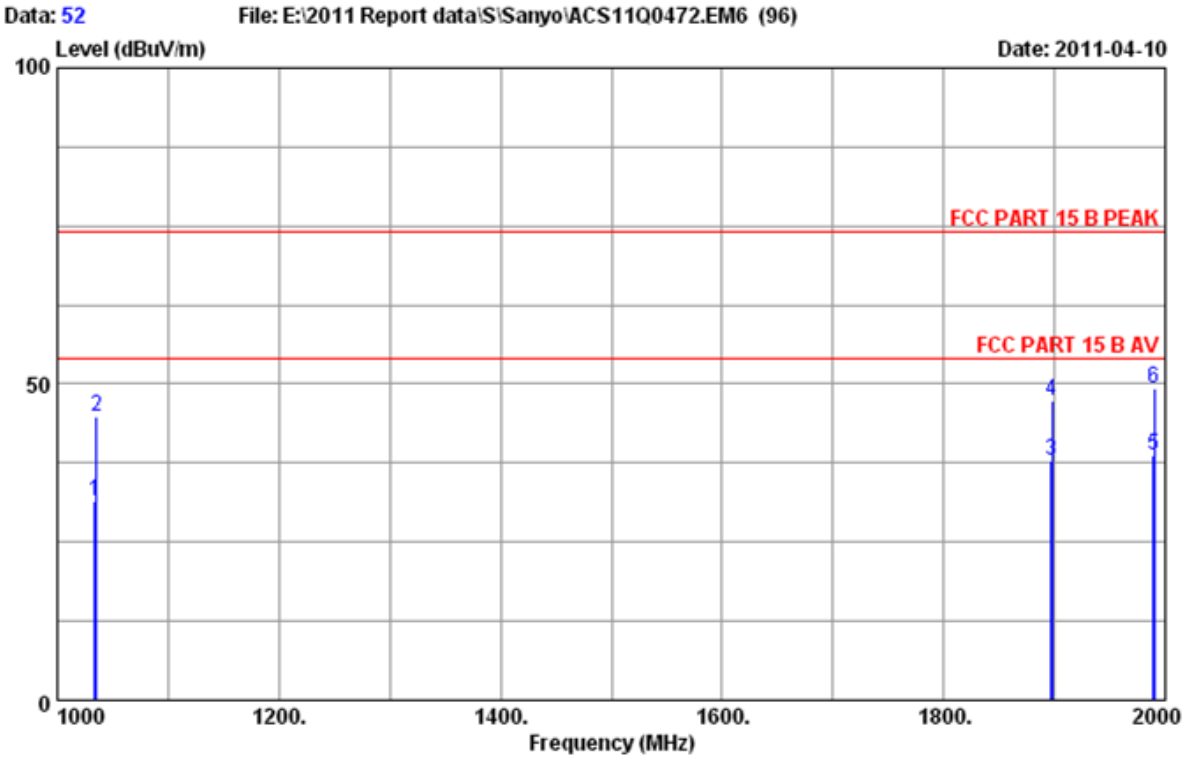
Site no. : 3m Chamber
Data no. : 56
Dis. / Ant. : 3m 2009 3115
Ant. pol. : VERTICAL
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24*C/56%
Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power Rating : AC 120V/60Hz
Test Mode : AV In Mode(Playing Color Bar)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dBuV)	Reading (dBuV/m)	Emission Level (dBuV/m)	Limits (dB)	Margin (dB)	Remark
1	1228.990	25.31	4.26	36.73	39.58	32.42	54.00	21.58	Average
2	1230.000	25.30	4.28	36.73	52.79	45.64	74.00	28.36	Peak
3	1623.890	25.49	4.82	36.11	42.79	36.99	54.00	17.01	Average
4	1625.000	25.49	4.82	36.03	51.64	45.92	74.00	28.08	Peak
5	1988.910	26.26	5.30	35.00	40.23	36.79	54.00	17.21	Average
6	1990.000	26.26	5.30	35.00	51.73	48.29	74.00	25.71	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



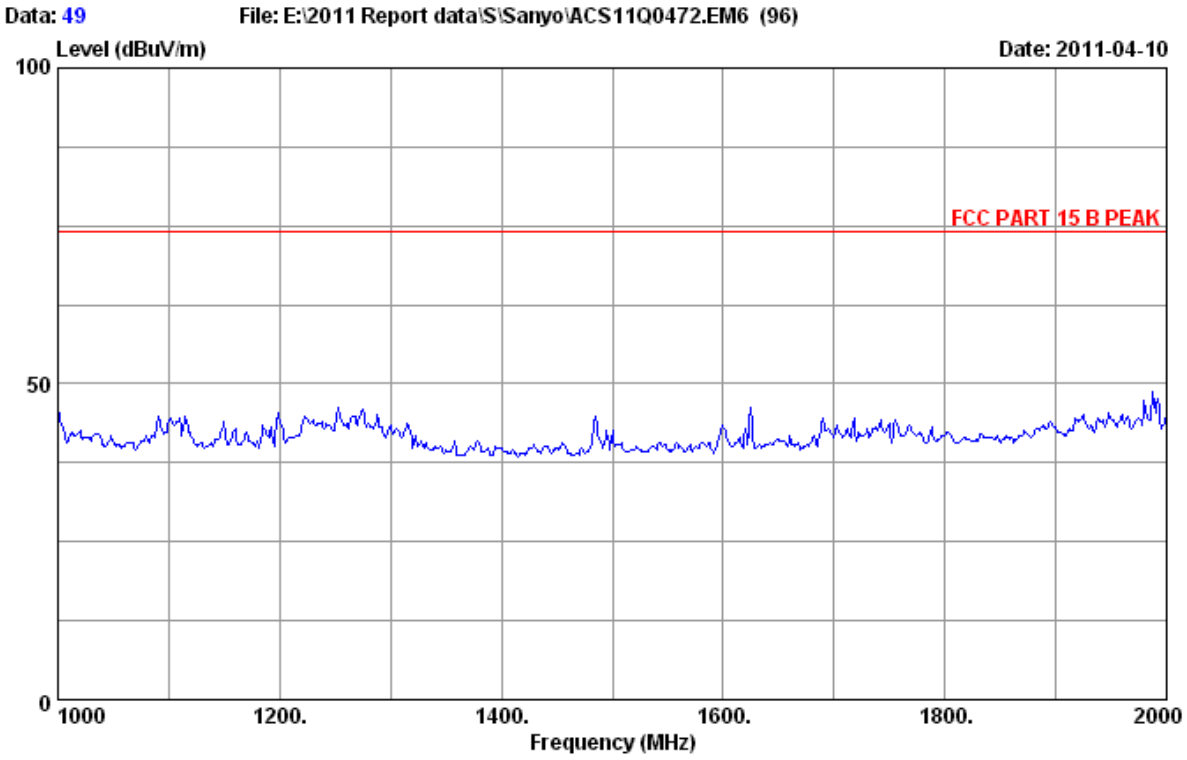
Site no.	: 3m Chamber	Data no.	: 51
Dis. / Ant.	: 3m 2009 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B PEAK		
Env. / Ins.	: 24*C/56%	Engineer	: Rock_su
EUT	: LCD Projector M/N:LC-XB250		
Power Rating	: AC 120V/60Hz		
Test Mode	: S-Video In Mode(Playing Color Bar)		



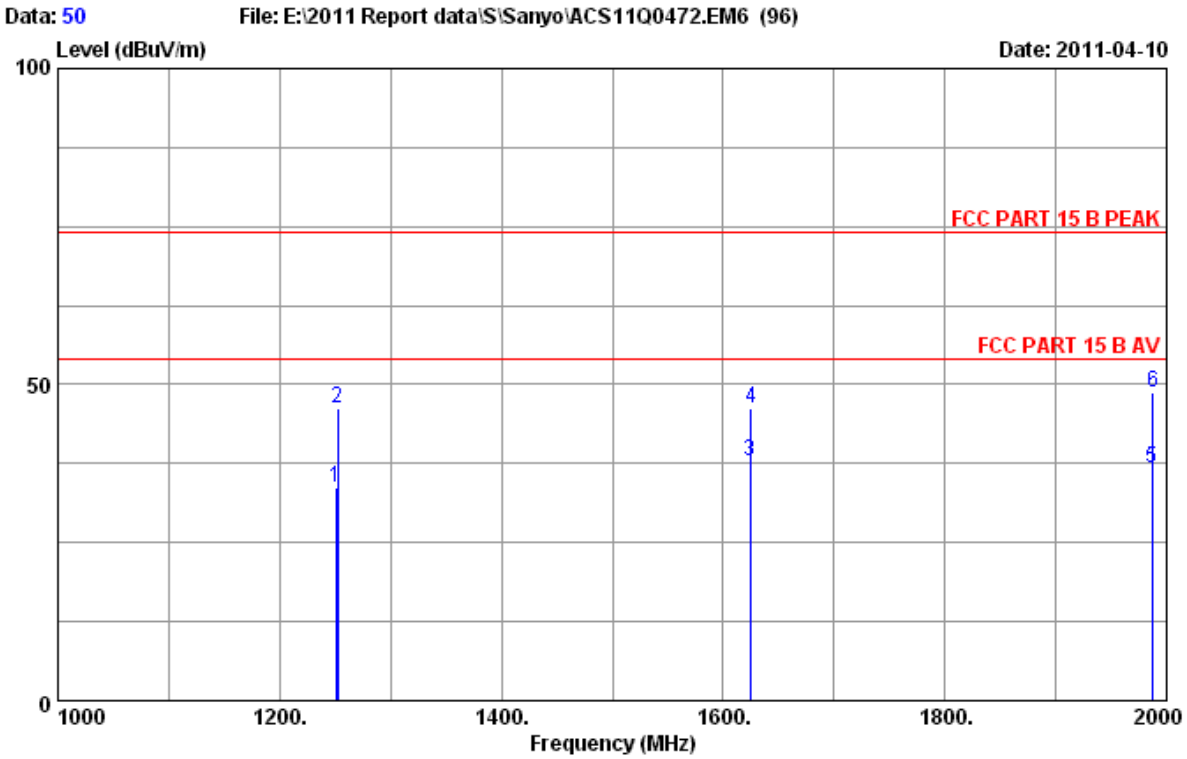
Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 2009 3115 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power Rating : AC 120V/60Hz
Test Mode : S-Video In Mode(Playing Color Bar)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dBuV)	Reading (dBuV/m)	Emission Level (dBuV/m)	Limits (dB)	Margin (dB)	Remark
1	1033.960	25.39	4.01	36.97	39.11	31.54	54.00	22.46	Average
2	1035.000	25.39	4.01	36.97	52.39	44.82	74.00	29.18	Peak
3	1897.280	26.08	5.19	35.29	41.94	37.92	54.00	16.08	Average
4	1898.000	26.08	5.19	35.29	51.47	47.45	74.00	26.55	Peak
5	1988.920	26.26	5.30	35.00	42.12	38.68	54.00	15.32	Average
6	1990.000	26.26	5.30	35.00	52.76	49.32	74.00	24.68	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no.	: 3m Chamber	Data no.	: 49
Dis. / Ant.	: 3m 2009 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B PEAK		
Env. / Ins.	: 24*C/56%	Engineer	: Rock_su
EUT	: LCD Projector M/N:LC-XB250		
Power Rating	: AC 120V/60Hz		
Test Mode	: S-Video In Mode(Playing Color Bar)		



Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 2009 3115 Ant. pol. : VERTICAL
Limit : FCC PART 15 B PEAK
Env. / Ins. : 24*C/56% Engineer : Rock_su
EUT : LCD Projector M/N:LC-XB250
Power Rating : AC 120V/60Hz
Test Mode : S-Video In Mode(Playing Color Bar)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dBuV)	Reading (dBuV/m)	Emission Level (dBuV/m)	Limits (dB)	Margin (dB)	Remark
1	1250.980	25.30	4.31	36.70	40.68	33.59	54.00	20.41	Average
2	1252.000	25.30	4.31	36.70	53.34	46.25	74.00	27.75	Peak
3	1624.720	25.49	4.82	36.11	43.60	37.80	54.00	16.20	Average
4	1625.000	25.49	4.82	36.03	51.96	46.24	74.00	27.76	Peak
5	1986.840	26.26	5.30	35.00	40.11	36.67	54.00	17.33	Average
6	1988.000	26.26	5.30	35.00	52.19	48.75	74.00	25.25	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

5. DEVIATION TO TEST SPECIFICATIONS

[NONE]