APPLICATION FOR CERTIFICATION
On Behalf of

SANYO Electronics (Dongguan) CO., LTD.

Multimedia Projector

Model No.: LC-XB250A

FCC ID: WS312WA2BC00

Prepared for : SANYO Electronics (Dongguan) CO., LTD.
Hong Ye Industry Area, TangXia Town, DongGuan City,
Guangdong Prov., China

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-F12259
Date of Test	:	Nov.14~29, 2011
Date of Report	:	Dec.03, 2011

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TEST REPORT CERTIFICATION

Applicant	: SANYO Electronics (Dongguan) CO., LTD.
Manufacturer	: Panasonic Corporation
EUT Description	: Multimedia Projector
FCC ID	: WS312WA2BC00
(A)MODEL NO.	: LC-XB250A
(B)SERIAL NO.	: N/A
(C)TEST VOLTAGE	: AC 120V/60Hz

Test standard and procedure used:

FCC Rules and Regulations Part 15 Subpart B Class B 2011, ANSI C63.4-2009, CISPR 22:2008

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

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Nov.14~ 29, 2012 Report of date: Dec.03, 2012

Prepared by : Selina Liu / Assistant

Reviewed by : Mario Wu / Assistant Manager

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 12/4/12

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: 2011 ANSI C63.4: 2009	Class B	PASS
Radiated Emission Test	FCC Part 15: 2011 ANSI C63.4: 2009	Class B	PASS

2. GENERAL INFORMATION

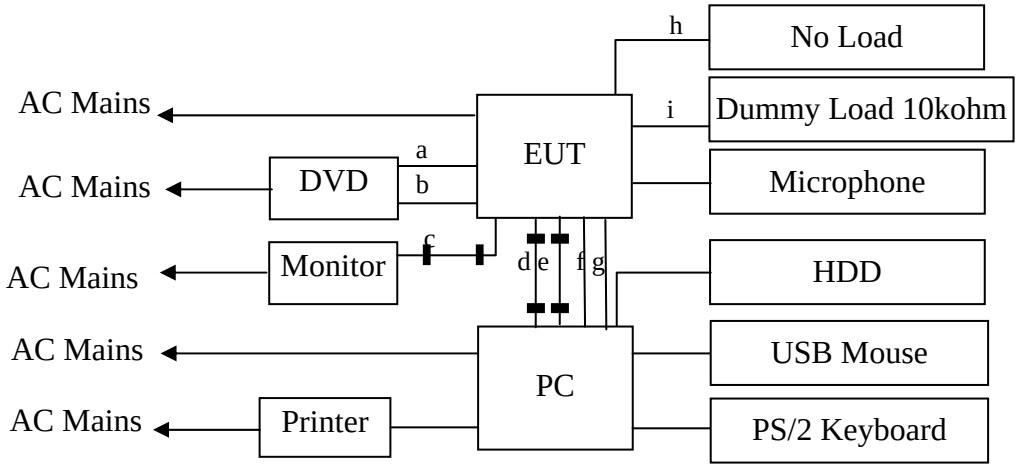
2.1. Description of Device (EUT)

Description	:	Multimedia Projector
Model Number	:	LC-XB250A
Remote Controller	:	Manufacturer: EIKI, M/N: CXZS
Max Work Frequency	:	180MHz
Applicant	:	SANYO Electronics (Dongguan) CO., LTD. Hong Ye industry Area, Tang Xia Town, Dong Guan City, Guang Dong Prov, CHINA
Manufacturer	:	Panasonic Corporation 2-15, Matsuba-cho, Kadoma-City, Osaka, 571-8503, JAPAN
Factory	:	SANYO Electronics (Dongguan) CO., LTD. Hong Ye industry Area, Tang Xia Town, Dong Guan City, Guang Dong Prov, CHINA
VGA Cable	:	Shielded, Detachable, 1.85m(with two cores)
Date of Test	:	Nov.14~29, 2012
Date of Receipt	:	Nov.13, 2012
Sample Type	:	Series production

2.2. Tested Supporting System Details

	Description	ACS No.	Manufacturer	Model	Serial Number	Approved type
1.	Personal Computer	Test PC M	DELL	Studio 540	224XK2X	☑FCC DoC ☑BSMI ID:R33002
		Power Cord: Unshielded, Detachable, 1.8m Display Card: HD3450 (DVI+VGA+HDMI)				
2.	Monitor	ACS-EMC-LM08R	DELL	3008WFPI	CN-OG501H-7444S-06P-083L	☑FCC DoC ☑BSMI ID: R43004
		Power Cord: Unshielded, Detachable, 1.8m VGA Cable: Shielded, Detachable, 2.0m (with two cores)				
3.	PS/2 Keyboard	ACS-EMC- K10R	FUJITSU	KB400 PS/2 US	090201602778	☑ FCC DoC ☐BSMI ID
		Data Cord: shielded, Undetachable, 1.8m				
4.	USB Mouse	ACS-EMC-M10R	FUJITSU	M-U0002-FSC1	S26381-K426-V102	☐ FCC ID ☐BSMI ID
		USB Cord: shielded, Undetachable, 2.0m				
5.	Printer	ACS-EMC-PT04	HP	C9079A	N/A	☑FCC DoC ☑BSMI ID: R33001
		USB Cable: Shielded, Detachabled, 1.8m Power Cord: Unshielded, Detachabled, 1.8m Power Adapter: HP, M/N: 0957-2119, BSMI ID: R33030, DC Cable: Unshielded, Detachabled, 1.5m				
6.	HDD	ACS-EMC-HDD02	Terasys	F12-UF	A0100215-5390018	☑FCC DoC ☑BSMI ID: 4912A022
		USB Cable: Shielded, Detachable, 1.8m				
7.	DVD Player	--	SONY	DVP-SR360	--	☑CE/EMC
		AV Cable: Shielded, Detachabled, 1.5m S-Video Cable: Shielded, Detachabled , 1.5m				
8.	Microphone	ACS-EMC-MIC01	OVANN	OA-0002	N/A	☐FCC DoC ☐BSMI ID
		Cable: Shielded, Undetachabled, 1.2m				
9.	Audio In/Out Cable	Shielded, Detachable, 1.5m				
10.	AV Cable	Shielded, Detachable, 1.5m				
11.	S-Video Cable	Shielded, Detachable, 1.5m				
12.	LAN Cable	Unshielded, Detachable, 1.0m				
13.	RS232 Cable	Shielded, Detachable, 1.6m				

2.3. Block Diagram of connection between EUT and simulators



a: AV Cable
b: S-Video Cable
c: VGA (Monitor out)
d: DVI Cable
e: VGA (Monitor in)
f: LAN Cable
g: Audio In Cable
h: RS232 Cable
i :Audio Out Cable
▌: Core

(EUT: Multimedia 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	:	Certificated by FCC, USA Registration Number: 90454 Valid Date: Feb.22, 2015
3m & 10m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 794232 Valid Date: Dec.30, 2012
EMC Lab.	:	Certificated by DAkkS, Germany Registration No: D-PL-12151-01-01 Valid Date: Feb.01, 2014 Accredited by NVLAP, USA NVLAP Code: 200372-0 Valid Date: Mar.31, 2013

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

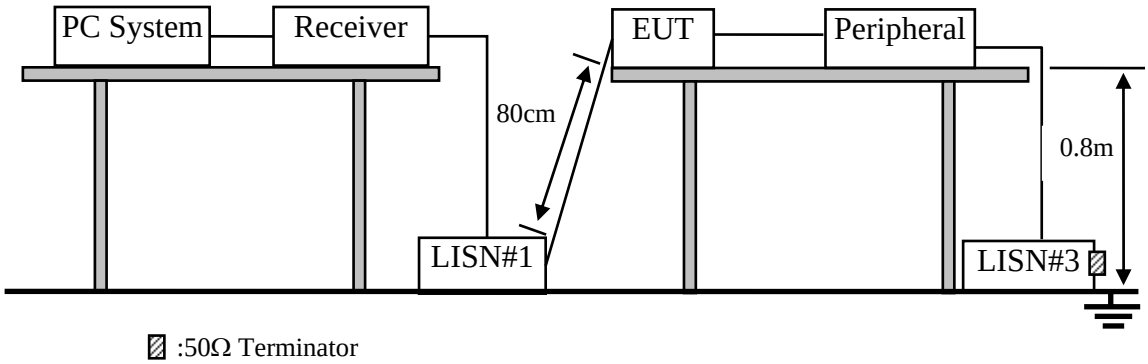
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 1 Conduction	3.6 dB (9kHz to 150kHz)
	3.2 dB(150kHz to 30MHz)
Uncertainty for Radiated Emission test in 10m chamber	±2.8 dB (30~200MHz, Distance:10m, Polarize: H)
	±3.0 dB (30~200MHz, Distance: 10m, Polarize: V)
	±3.2 dB (200M~1GHz, Distance: 10m, Polarize: H)
	±3.2 dB (200M~1GHz, Distance: 10m, Polarize: V)
Uncertainty for Radiated Emission test in 3m chamber (1GHz-18GHz)	±3.1dB Distance: 3m Polarization: V
	±3.7 dB Distance: 3m Polarization: H
Uncertainty for test site temperature and humidity	0.6℃
	3%
Uncertainty for DC power test	0.038 %

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	Oct.31, 12	1 Year
2.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	834066/011	Oct.31, 12	1 Year
3.	L.I.S.N.#3	Kyoritsu	KNW-242C	8-1920-1	May.08, 12	1 Year
4.	Terminator	Hubersuhner	50Ω	No. 1	May.08, 12	1 Year
5.	Terminator	Hubersuhner	50Ω	No. 2	May.08, 12	1 Year
6.	RF Cable	Fujikura	3D-2W	No.1	May.08, 12	1Year
7.	Coaxial Switch	Anritsu	MP59B	M50564	May.08, 12	1 Year
8.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100341	May.08, 12	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. Multimedia Projector (EUT)

Model Number : LC-XB250A
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(VGA&DVI) 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.#3). 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 9kHz.

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.)

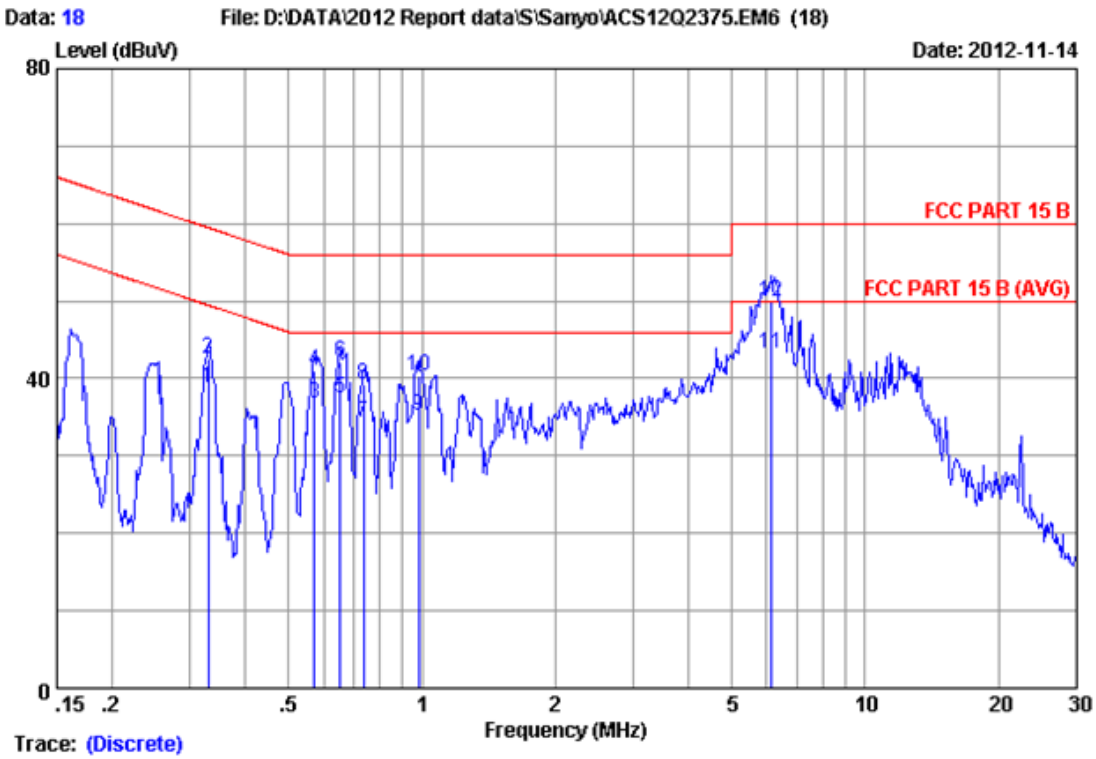
EUT: Multimedia Projector Model No. : LC-XB250A

The EUT with the following test modes were tested and selected to read Q.P and average values, all the test results are listed in next pages.
Test Date: Nov.14~15, 2012 Temperature: 25.0℃ Humidity: 63%

The details of test modes are as follows：

NO.	Test Mode	Reference Test Data No.	
		LINE	NEUTRAL
1.	Computer IN(VGA)	#18	#17
2.	Computer IN(DVI)	#15	#16
3. ※	**AV In**	**#14**	**#13**
4.	S-Video IN	#11	#12

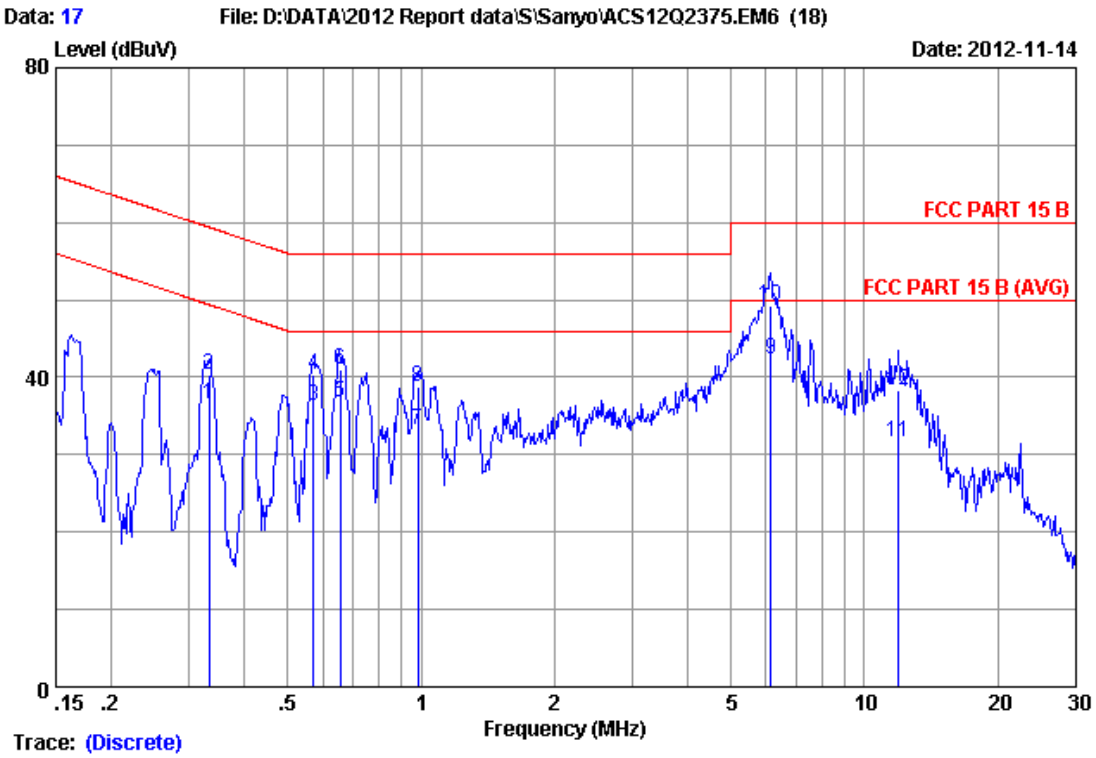
(※ Worst test mode)



Site no :1#conduction Data No :18
Dis./Ant. :** 2012 ESH2-Z5 LINE
Limit :FCC PART 15 B
Env./Ins. :25.0*C/63% Engineer :Jolly_Xu
EUT :Multimedia Projector M/N:LC-XB250A
Power Rating :AC 120V/60Hz
Test Mode :Computer IN(VGA)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.33000	0.16	9.95	28.69	38.80	49.45	10.65	Average
2	0.33000	0.16	9.95	32.49	42.60	59.45	16.85	QP
3	0.57300	0.16	9.95	26.70	36.81	46.00	9.19	Average
4	0.57300	0.16	9.95	30.90	41.01	56.00	14.99	QP
5	0.65400	0.16	9.95	27.30	37.41	46.00	8.59	Average
6	0.65400	0.16	9.95	32.00	42.11	56.00	13.89	QP
7	0.73900	0.16	9.95	24.30	34.41	46.00	11.59	Average
8	0.73900	0.16	9.95	29.10	39.21	56.00	16.79	QP
9	0.98300	0.17	9.94	25.00	35.11	46.00	10.89	Average
10	0.98300	0.17	9.94	30.20	40.31	56.00	15.69	QP
11	6.158	0.28	9.95	33.10	43.33	50.00	6.67	Average
12	6.158	0.28	9.95	39.70	49.93	60.00	10.07	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.

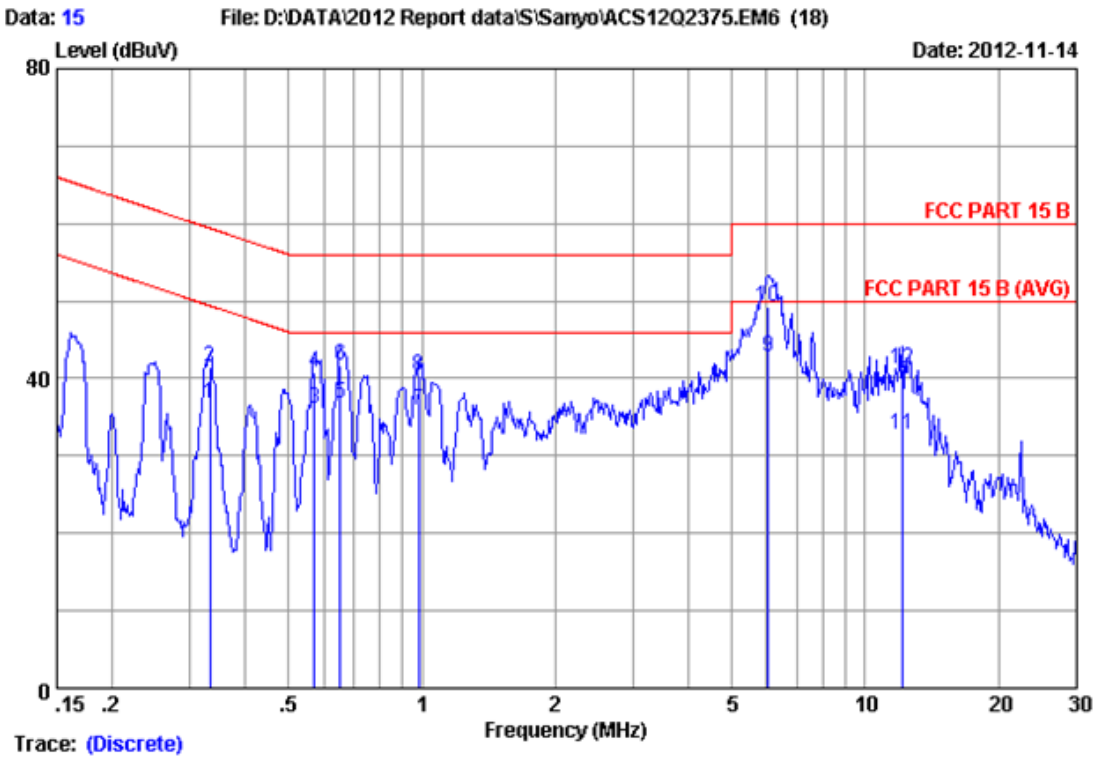


Trace: (Discrete)

Site no :1#conduction Data No :17
Dis./Ant. :** 2012 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 B
Env./Ins. :25.0*C/63% Engineer :Jolly_Xu
EUT :Multimedia Projector M/N:LC-XB250A
Power Rating :AC 120V/60Hz
Test Mode :Computer IN(VGA)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.33200	0.15	9.95	26.49	36.59	49.40	12.81	Average
2	0.33200	0.15	9.95	30.29	40.39	59.40	19.01	QP
3	0.57300	0.15	9.95	26.20	36.30	46.00	9.70	Average
4	0.57300	0.15	9.95	30.30	40.40	56.00	15.60	QP
5	0.65600	0.16	9.95	26.59	36.70	46.00	9.30	Average
6	0.65600	0.16	9.95	30.99	41.10	56.00	14.90	QP
7	0.98300	0.17	9.94	23.00	33.11	46.00	12.89	Average
8	0.98300	0.17	9.94	28.70	38.81	56.00	17.19	QP
9	6.153	0.27	9.95	32.20	42.42	50.00	7.58	Average
10	6.153	0.27	9.95	39.00	49.22	60.00	10.78	QP
11	11.930	0.30	9.98	21.29	31.57	50.00	18.43	Average
12	11.930	0.30	9.98	27.99	38.27	60.00	21.73	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.

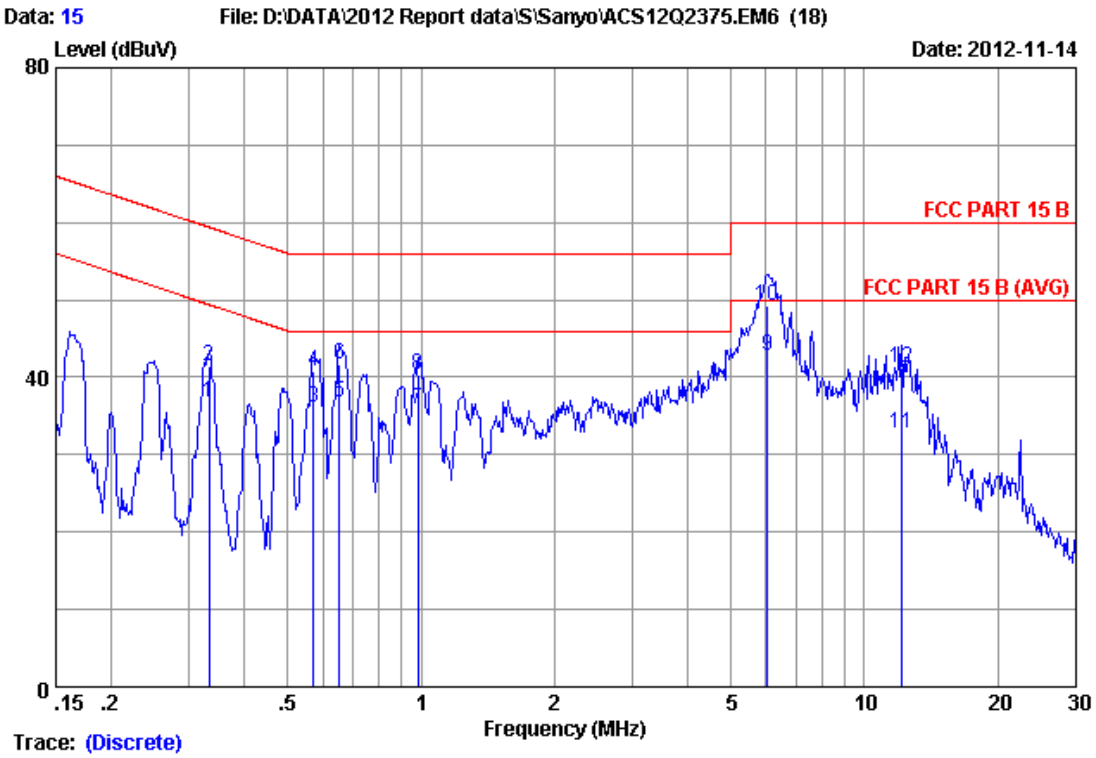


Trace: (Discrete)

Site no :1#conduction Data No :15
Dis./Ant. :** 2012 ESH2-Z5 LINE
Limit :FCC PART 15 B
Env./Ins. :25.0*C/63% Engineer :Jolly_Xu
EUT :Multimedia Projector M/N:LC-XB250A
Power Rating :AC 120V/60Hz
Test Mode :Computer IN(DVI)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.33200	0.16	9.95	26.59	36.70	49.40	12.70	Average
2	0.33200	0.16	9.95	31.39	41.50	59.40	17.90	QP
3	0.57300	0.16	9.95	26.00	36.11	46.00	9.89	Average
4	0.57300	0.16	9.95	30.60	40.71	56.00	15.29	QP
5	0.65500	0.16	9.95	26.60	36.71	46.00	9.29	Average
6	0.65500	0.16	9.95	31.50	41.61	56.00	14.39	QP
7	0.98300	0.17	9.94	25.70	35.81	46.00	10.19	Average
8	0.98300	0.17	9.94	30.30	40.41	56.00	15.59	QP
9	6.051	0.28	9.95	32.50	42.73	50.00	7.27	Average
10	6.051	0.28	9.95	39.00	49.23	60.00	10.77	QP
11	12.122	0.36	9.98	22.40	32.74	50.00	17.26	Average
12	12.122	0.36	9.98	30.90	41.24	60.00	18.76	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.

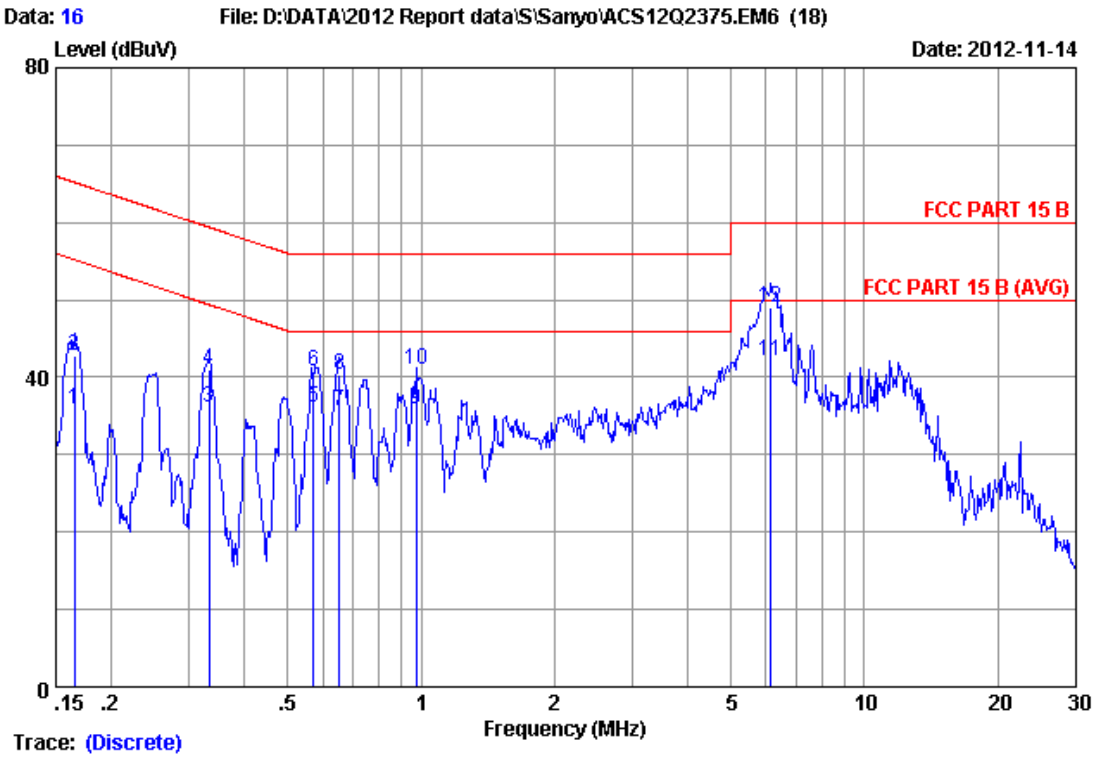


Trace: (Discrete)

Site no :1#conduction Data No :15
Dis./Ant. :** 2012 ESH2-Z5 LINE
Limit :FCC PART 15 B
Env./Ins. :25.0*C/63% Engineer :Jolly_Xu
EUT :Multimedia Projector M/N:LC-XB250A
Power Rating :AC 120V/60Hz
Test Mode :Computer IN(DVI)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.33200	0.16	9.95	26.59	36.70	49.40	12.70	Average
2	0.33200	0.16	9.95	31.39	41.50	59.40	17.90	QP
3	0.57300	0.16	9.95	26.00	36.11	46.00	9.89	Average
4	0.57300	0.16	9.95	30.60	40.71	56.00	15.29	QP
5	0.65500	0.16	9.95	26.60	36.71	46.00	9.29	Average
6	0.65500	0.16	9.95	31.50	41.61	56.00	14.39	QP
7	0.98300	0.17	9.94	25.70	35.81	46.00	10.19	Average
8	0.98300	0.17	9.94	30.30	40.41	56.00	15.59	QP
9	6.051	0.28	9.95	32.50	42.73	50.00	7.27	Average
10	6.051	0.28	9.95	39.00	49.23	60.00	10.77	QP
11	12.122	0.36	9.98	22.40	32.74	50.00	17.26	Average
12	12.122	0.36	9.98	30.90	41.24	60.00	18.76	QP

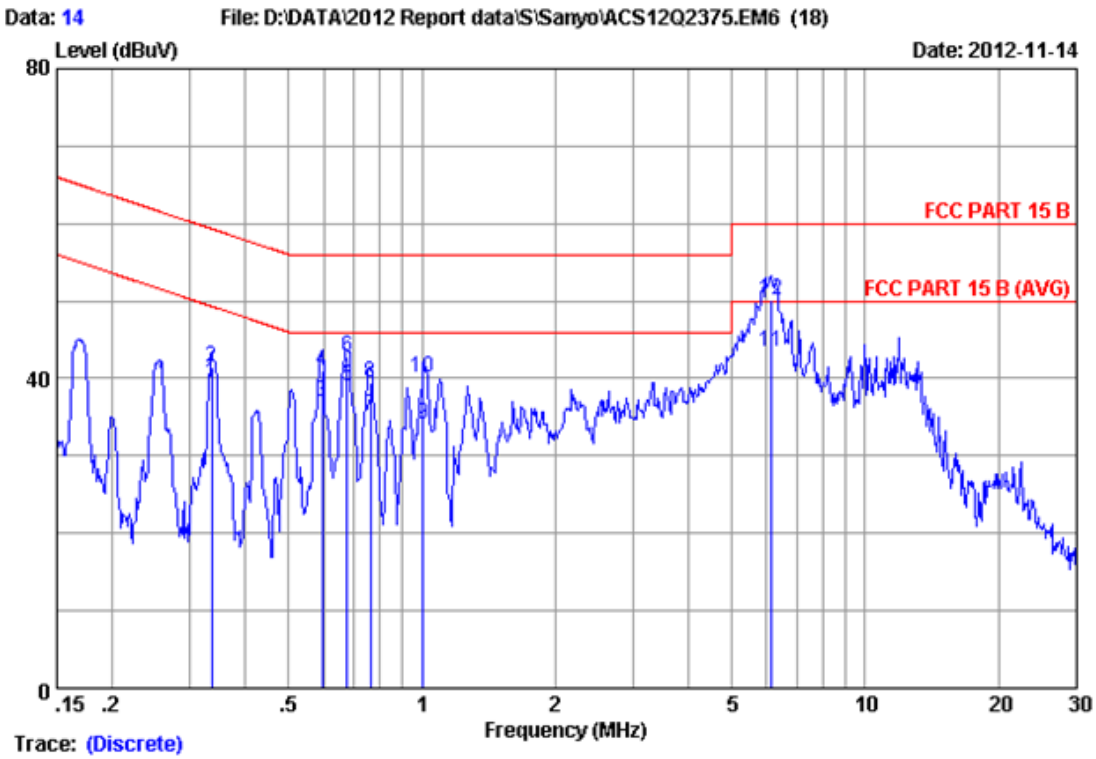
Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



Site no :1#conduction Data No :16
Dis./Ant. :** 2012 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 B
Env./Ins. :25.0*C/63% Engineer :Jolly_Xu
EUT :Multimedia Projector M/N:LC-XB250A
Power Rating :AC 120V/60Hz
Test Mode :Computer IN(DVI)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16500	0.14	9.94	25.71	35.79	55.21	19.42	Average
2	0.16500	0.14	9.94	32.81	42.89	65.21	22.32	QP
3	0.33200	0.15	9.95	25.89	35.99	49.40	13.41	Average
4	0.33200	0.15	9.95	30.79	40.89	59.40	18.51	QP
5	0.57300	0.15	9.95	26.10	36.20	46.00	9.80	Average
6	0.57300	0.15	9.95	30.70	40.80	56.00	15.20	QP
7	0.65400	0.16	9.95	25.49	35.60	46.00	10.40	Average
8	0.65400	0.16	9.95	30.19	40.30	56.00	15.70	QP
9	0.97300	0.17	9.94	25.70	35.81	46.00	10.19	Average
10	0.97300	0.17	9.94	31.00	41.11	56.00	14.89	QP
11	6.153	0.27	9.95	32.00	42.22	50.00	7.78	Average
12	6.153	0.27	9.95	38.80	49.02	60.00	10.98	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.

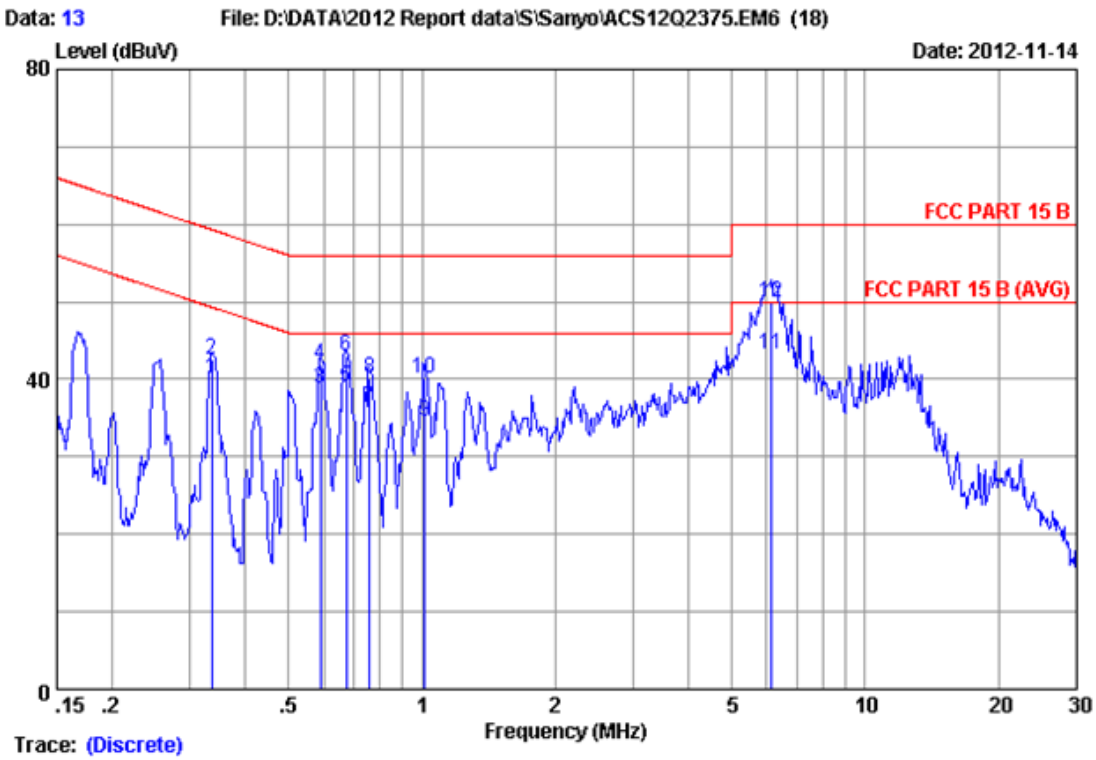


Trace: (Discrete)

Site no :1#conduction Data No :14
Dis./Ant. :** 2012 ESH2-Z5 LINE
Limit :FCC PART 15 B
Env./Ins. :25.0*C/63% Engineer :Jolly_Xu
EUT :Multimedia Projector M/N:LC-XB250A
Power Rating :AC 120V/60Hz
Test Mode :AV IN

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.33500	0.16	9.95	29.39	39.50	49.33	9.83	Average
2	0.33500	0.16	9.95	31.29	41.40	59.33	17.93	QP
3	0.59400	0.16	9.95	26.80	36.91	46.00	9.09	Average
4	0.59400	0.16	9.95	30.80	40.91	56.00	15.09	QP
5	0.67700	0.16	9.95	28.80	38.91	46.00	7.09	Average
6	0.67700	0.16	9.95	32.70	42.81	56.00	13.19	QP
7	0.76400	0.16	9.95	25.10	35.21	46.00	10.79	Average
8	0.76400	0.16	9.95	29.40	39.51	56.00	16.49	QP
9	1.004	0.17	9.94	23.90	34.01	46.00	11.99	Average
10	1.004	0.17	9.94	29.90	40.01	56.00	15.99	QP
11	6.153	0.28	9.95	33.30	43.53	50.00	6.47	Average
12	6.153	0.28	9.95	40.00	50.23	60.00	9.77	QP

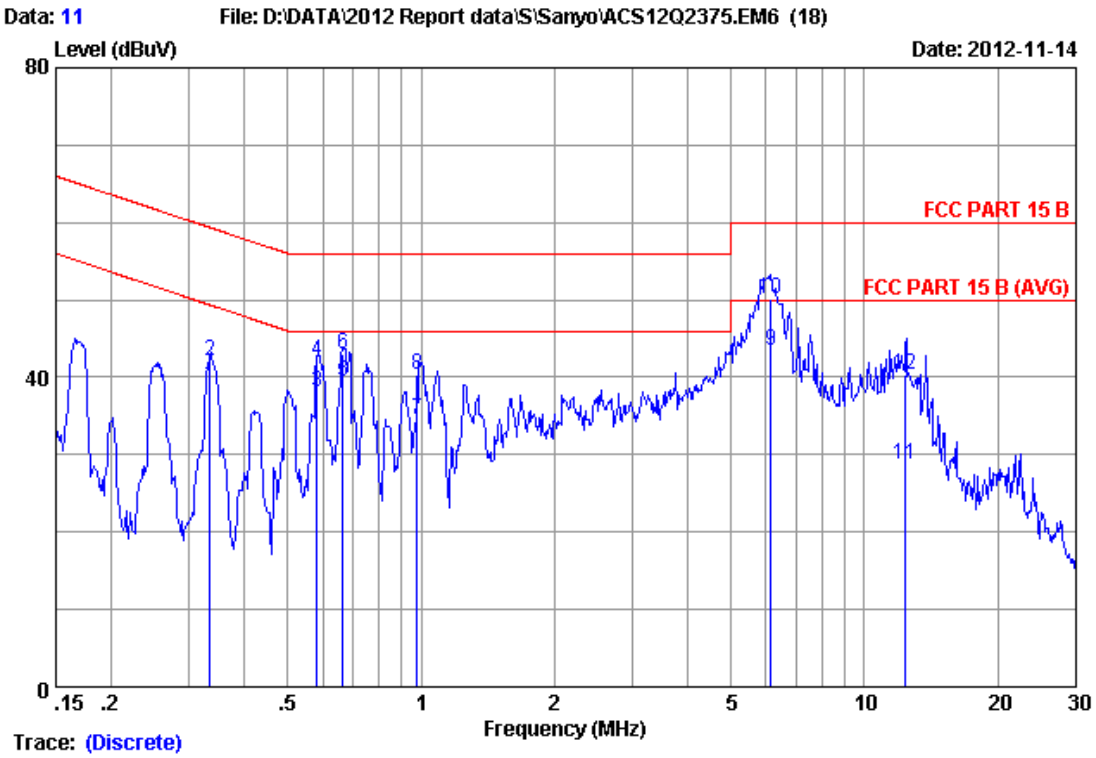
Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



Site no : 1#conduction Data No : 13
Dis./Ant. : ** 2012 ESH2-Z5 NEUTRAL
Limit : FCC PART 15 B
Env./Ins. : 25.0*C/63% Engineer : Jolly_Xu
EUT : Multimedia Projector M/N:LC-XB250A
Power Rating : AC 120V/60Hz
Test Mode : AV IN

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.33600	0.15	9.95	29.99	40.09	49.30	9.21	Average
2	0.33600	0.15	9.95	32.49	42.59	59.30	16.71	QP
3	0.59100	0.16	9.95	28.59	38.70	46.00	7.30	Average
4	0.59100	0.16	9.95	31.79	41.90	56.00	14.10	QP
5	0.67500	0.16	9.95	28.90	39.01	46.00	6.99	Average
6	0.67500	0.16	9.95	32.80	42.91	56.00	13.09	QP
7	0.76200	0.16	9.95	26.20	36.31	46.00	9.69	Average
8	0.76200	0.16	9.95	30.00	40.11	56.00	15.89	QP
9	1.016	0.17	9.94	24.40	34.51	46.00	11.49	Average
10	1.016	0.17	9.94	29.90	40.01	56.00	15.99	QP
11	6.153	0.27	9.95	33.00	43.22	50.00	6.78	Average
12	6.153	0.27	9.95	39.80	50.02	60.00	9.98	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.

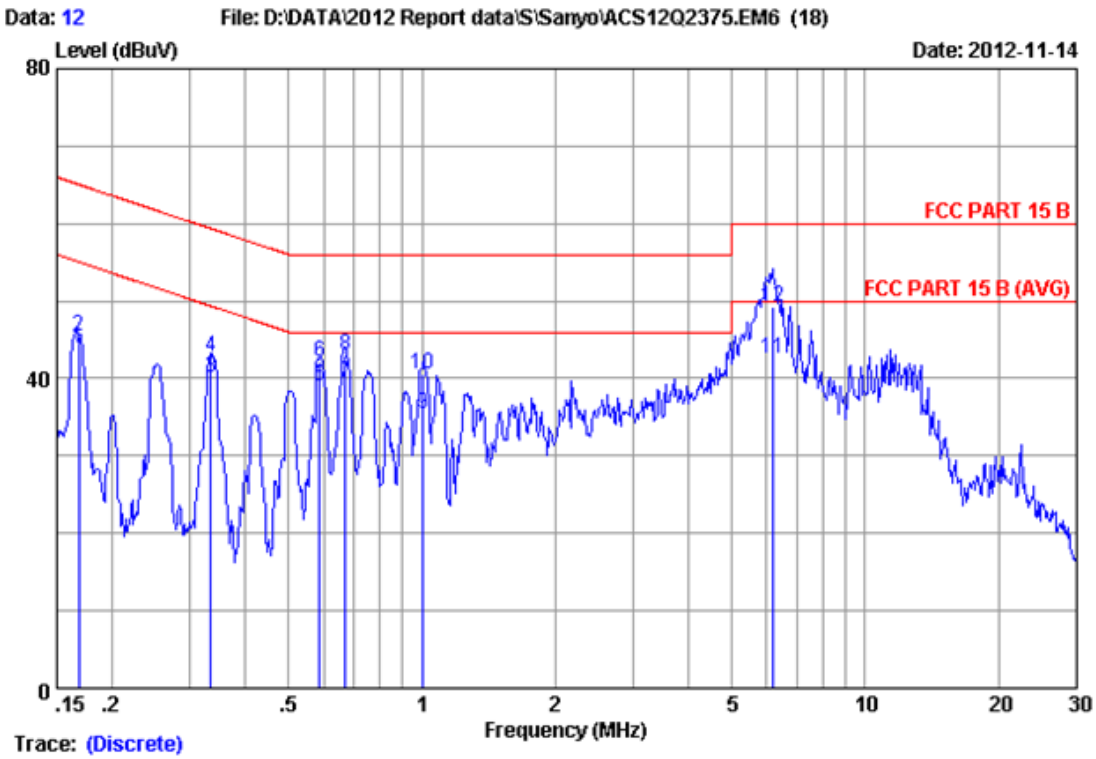


Trace: (Discrete)

Site no :1#conduction Data No :11
Dis./Ant. :** 2012 ESH2-Z5 LINE
Limit :FCC PART 15 B
Env./Ins. :25.0*C/63% Engineer :Jolly_Xu
EUT :Multimedia Projector M/N:LC-XB250A
Power Rating :AC 120V/60Hz
Test Mode :S-Video IN

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.33400	0.16	9.95	28.99	39.10	49.35	10.25	Average
2	0.33400	0.16	9.95	31.99	42.10	59.35	17.25	QP
3	0.58300	0.16	9.95	28.00	38.11	46.00	7.89	Average
4	0.58300	0.16	9.95	32.00	42.11	56.00	13.89	QP
5	0.66500	0.16	9.95	29.30	39.41	46.00	6.59	Average
6	0.66500	0.16	9.95	33.00	43.11	56.00	12.89	QP
7	0.97700	0.17	9.94	24.50	34.61	46.00	11.39	Average
8	0.97700	0.17	9.94	30.30	40.41	56.00	15.59	QP
9	6.158	0.28	9.95	33.20	43.43	50.00	6.57	Average
10	6.158	0.28	9.95	40.00	50.23	60.00	9.77	QP
11	12.384	0.36	9.98	18.50	28.84	50.00	21.16	Average
12	12.384	0.36	9.98	30.00	40.34	60.00	19.66	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 :12
Dis./Ant. :** 2012 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 B
Env./Ins. :25.0*C/63% Engineer :Jolly_Xu
EUT :Multimedia Projector M/N:LC-XB250A
Power Rating :AC 120V/60Hz
Test Mode :S-Video IN

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16800	0.14	9.94	33.81	43.89	55.06	11.17	Average
2	0.16800	0.14	9.94	35.31	45.39	65.06	19.67	QP
3	0.33400	0.15	9.95	29.99	40.09	49.35	9.26	Average
4	0.33400	0.15	9.95	32.59	42.69	59.35	16.66	QP
5	0.58700	0.15	9.95	28.80	38.90	46.00	7.10	Average
6	0.58700	0.15	9.95	32.00	42.10	56.00	13.90	QP
7	0.67100	0.16	9.95	29.30	39.41	46.00	6.59	Average
8	0.67100	0.16	9.95	32.80	42.91	56.00	13.09	QP
9	1.006	0.17	9.94	25.30	35.41	46.00	10.59	Average
10	1.006	0.17	9.94	30.40	40.51	56.00	15.49	QP
11	6.180	0.27	9.95	32.40	42.62	50.00	7.38	Average
12	6.180	0.27	9.95	39.00	49.22	60.00	10.78	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

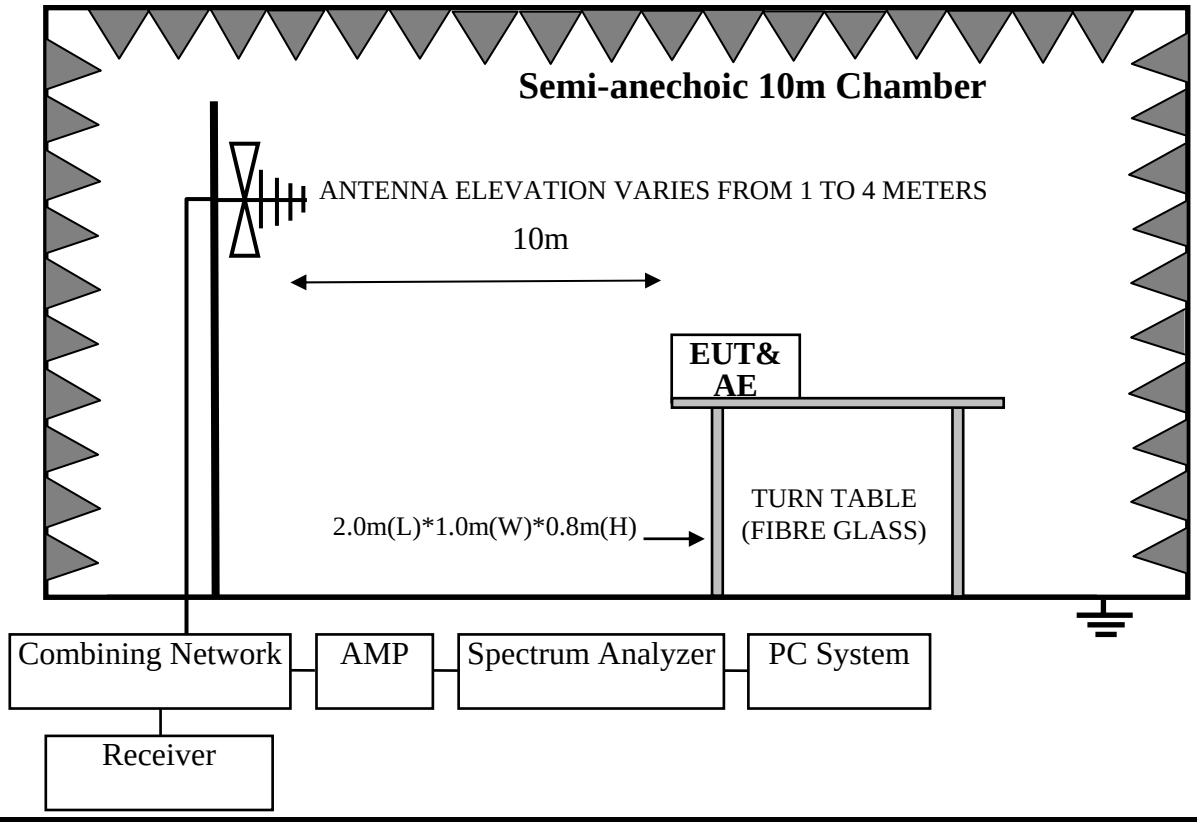
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	10m Chamber	AUDIX	N/A	N/A	Nov.25,12	1 Year
2	EMC Analyzer	Agilent	E7405A	MY45116588	Oct.31, 12	1 Year
3	Test Receiver	Rohde & Schwarz	ESCI	100843	Oct.31, 12	1 Year
4	Amplifier	Agilent	8447D	2944A10684	May.08, 12	1Year
5	Bilog Antenna	Schaffner	CBL6112D	25237	Aug.29, 11	2 Year
6	RF Cable	MIYAZAKI	CFD400-NL	10m Chamber No.1	May.08, 12	1 Year
7	Coaxial Switch	Anritsu	MP59B	M73989	May.08, 12	1 Year
8	Coaxial Switch	Anritsu	MP59B	6200766905	May.08, 12	1 Year

Frequency rang: above 1000MHz

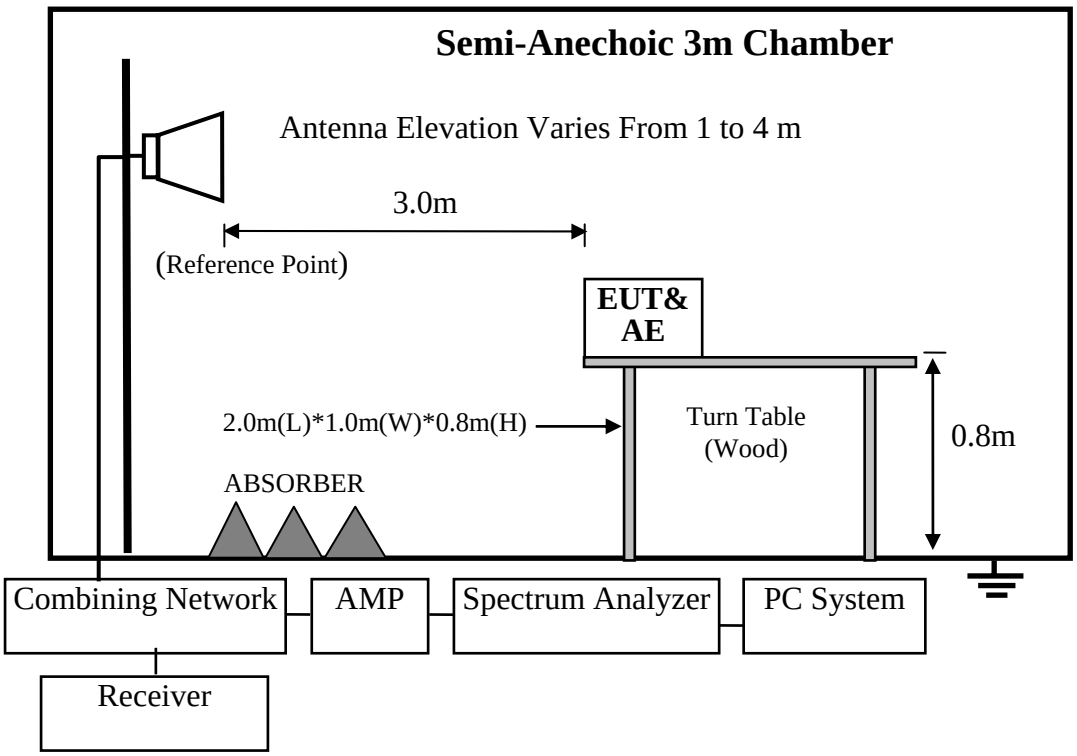
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	3#Chamber	AUDIX	N/A	N/A	Nov.24,12	1 Year
2	Spectrum Analyzer	Agilent	E4407B	MY41440292	May.08, 12	1 Year
3	Horn Antenna	EMCO	3115	9510-4580	June.05, 12	1 Year
4	Amplifier	Agilent	8449B	3008A00863	May.08, 12	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX106	77980/6	May.08, 12	1 Year
6	RF Cable	Hubersuhner	SUCOFLEX106	77977/6	May.08, 12	1 Year

4.2. Block Diagram of Test Setup

4.2.1. In 10m Anechoic Chamber Setup Diagram (30-1000MHz)



4.2.2. In 3m Anechoic Chamber Test Setup Diagram for above 1GHz



4.3. Radiated Emission Limit

Frequency MHz	Distance (Meters)	Field Strengths Limits dB(μV)/m
30 ~ 88	10	40.0
88 ~ 216	10	43.5
216 ~ 960	10	46.0
960 ~ 1000	10	54.0
Above 1000	3	70(Peak)50(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: Multimedia Projector Model No. : LC-XB250A

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: Nov.27, 2012 Temperature: 24℃ Humidity: 56%

The details of test mode are as follows：

NO.	Test Mode	Reference Test Data No.	
		Horizontal	Vertical
1.	Computer IN(VGA)	#2	#1
2.	Computer IN(DVI)	#4	#3
3.	AV In	#6	#5
4. ※	**S-Video IN**	**#8**	**#7**

(※ Worst test mode)

For frequency range 1GHz~2GHz

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

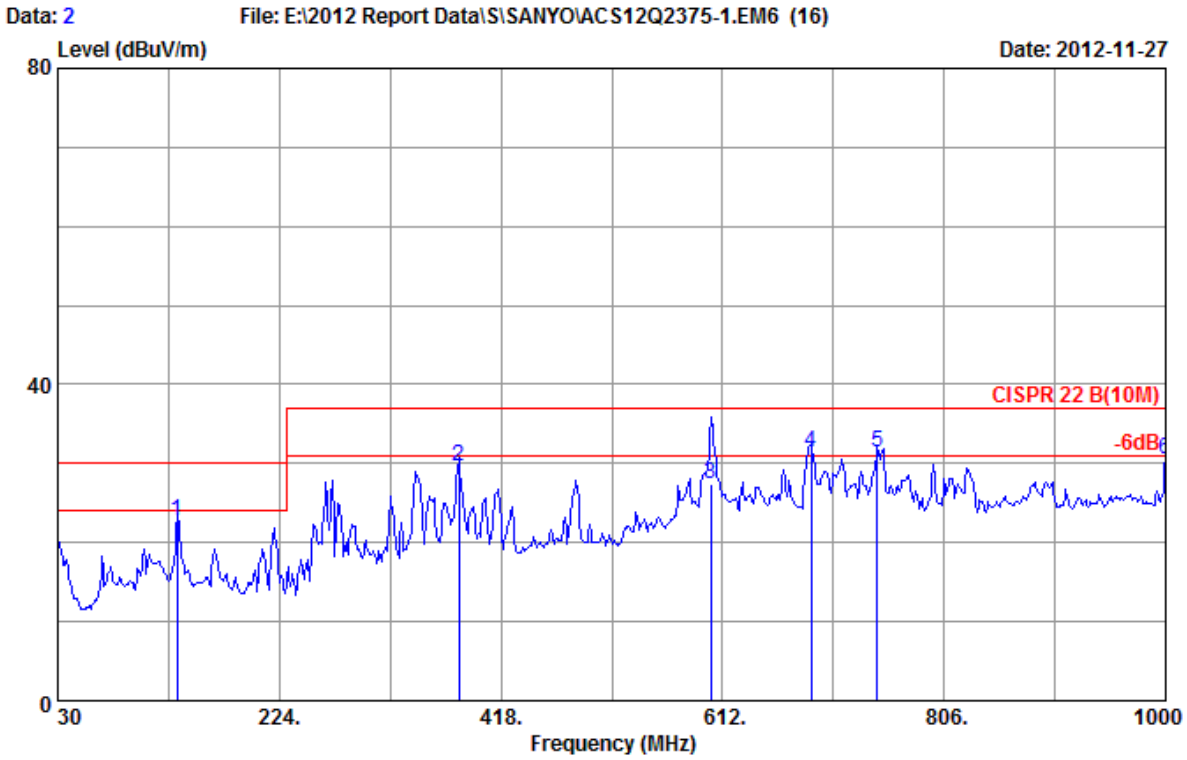
Note: For all the emissions above 1GHz, the peak measured level comply with average limit, so the average level were deemed to comply with average limit.

Test Date: Nov.15, 2012 Temperature: 24℃ Humidity: 56%

NO.	Test Mode	Reference Test Data No.	
		Horizontal	Vertical
1.	Computer IN(VGA)	#6	5
2. ※	**Computer IN(DVI)**	**#7**	**#8**
3.	AV In	#3	#4
4.	S-Video IN	#2	#1

(※ Worst test mode)

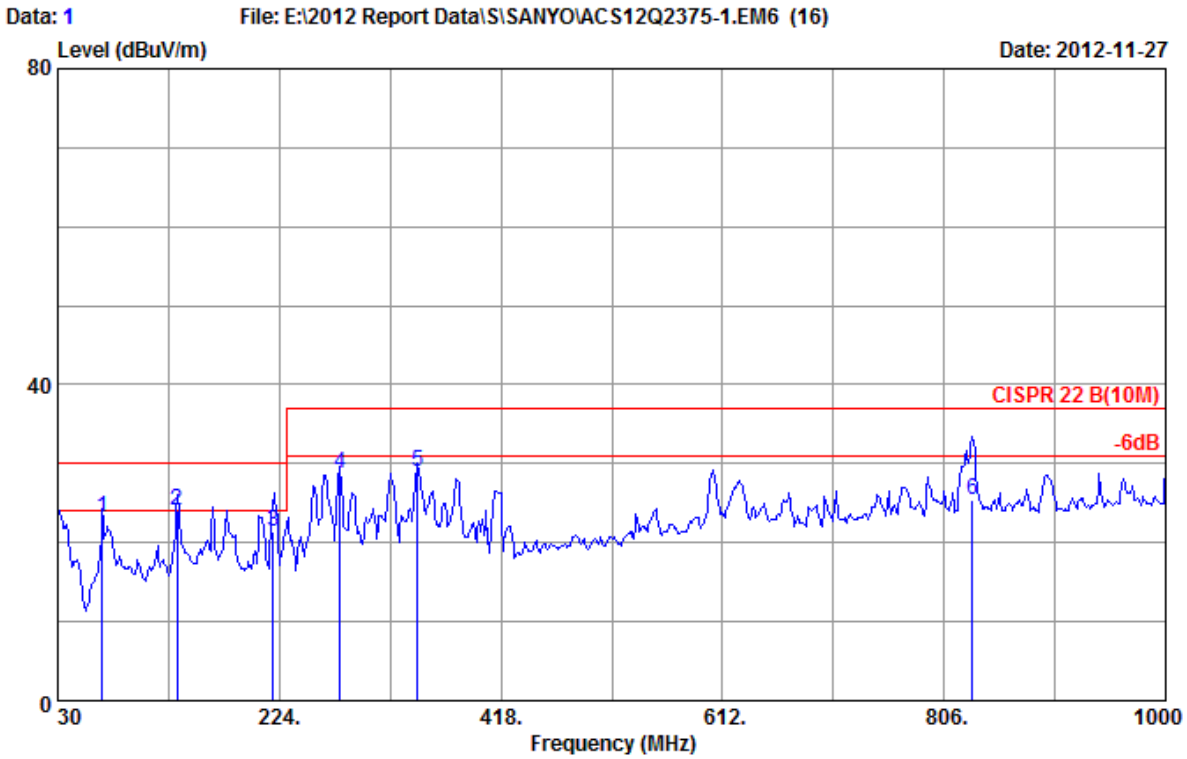
Test Frequency: 30MHz-1000MHz



Site no. : 10m Chamber Data no. : 2
Dis. / Ant. : 10m 11 CBL6112D 25237 Ant. pol. : HORIZONTAL
Limit : CISPR 22 B(10M)
Env. / Ins. : 24*C/56% Engineer : Alex_shao
EUT : Multimedia Projector M/N:LC-XB250A
Power rating : AC 120V/60Hz
Test Mode : Computer IN(VGA)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	134.76	12.50	1.05	9.17	22.72	30.00	7.28	QP
2	381.14	15.16	1.73	12.86	29.75	37.00	7.25	QP
3	602.05	18.68	2.39	6.30	27.37	37.00	9.63	QP
4	689.60	19.20	2.60	9.73	31.53	37.00	5.47	QP
5	747.80	19.64	2.76	9.00	31.40	37.00	5.60	QP
6	1000.00	21.40	3.32	5.80	30.52	37.00	6.48	QP

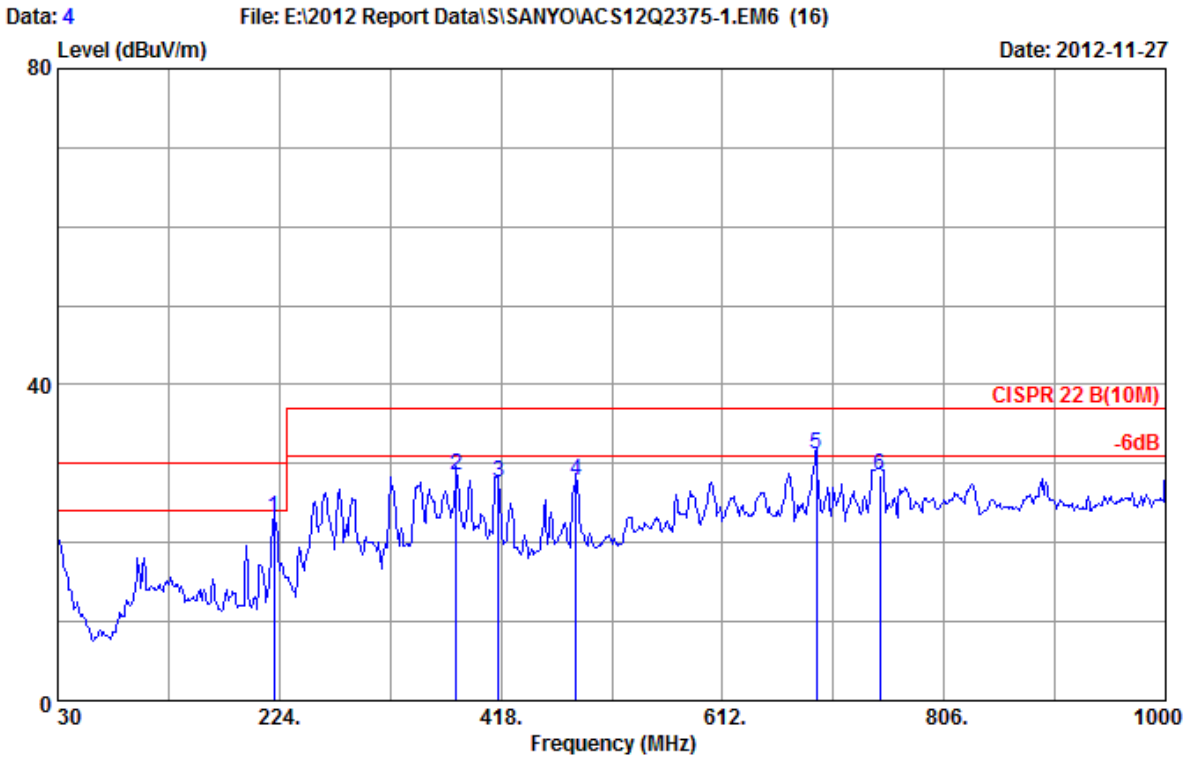
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 10m Chamber                 Data no.   : 1
Dis. / Ant.   : 10m  11 CBL6112D 25237      Ant. pol. : VERTICAL
Limit         : CISPR 22 B(10M)
Env. / Ins.   : 24*C/56%                    Engineer   : Alex_shao
EUT           : Multimedia Projector M/N:LC-XB250A
Power rating  : AC 120V/60Hz
Test Mode     : Computer IN(VGA)
```

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	68.80	7.65	0.75	14.87	23.27	30.00	6.73	QP
2	134.35	12.50	1.05	10.50	24.05	30.00	5.95	QP
3	218.65	9.60	1.26	10.50	21.36	30.00	8.64	QP
4	277.35	12.74	1.40	14.56	28.70	37.00	8.30	QP
5	345.25	14.20	1.61	13.18	28.99	37.00	8.01	QP
6	830.70	20.30	2.94	2.10	25.34	37.00	11.66	QP

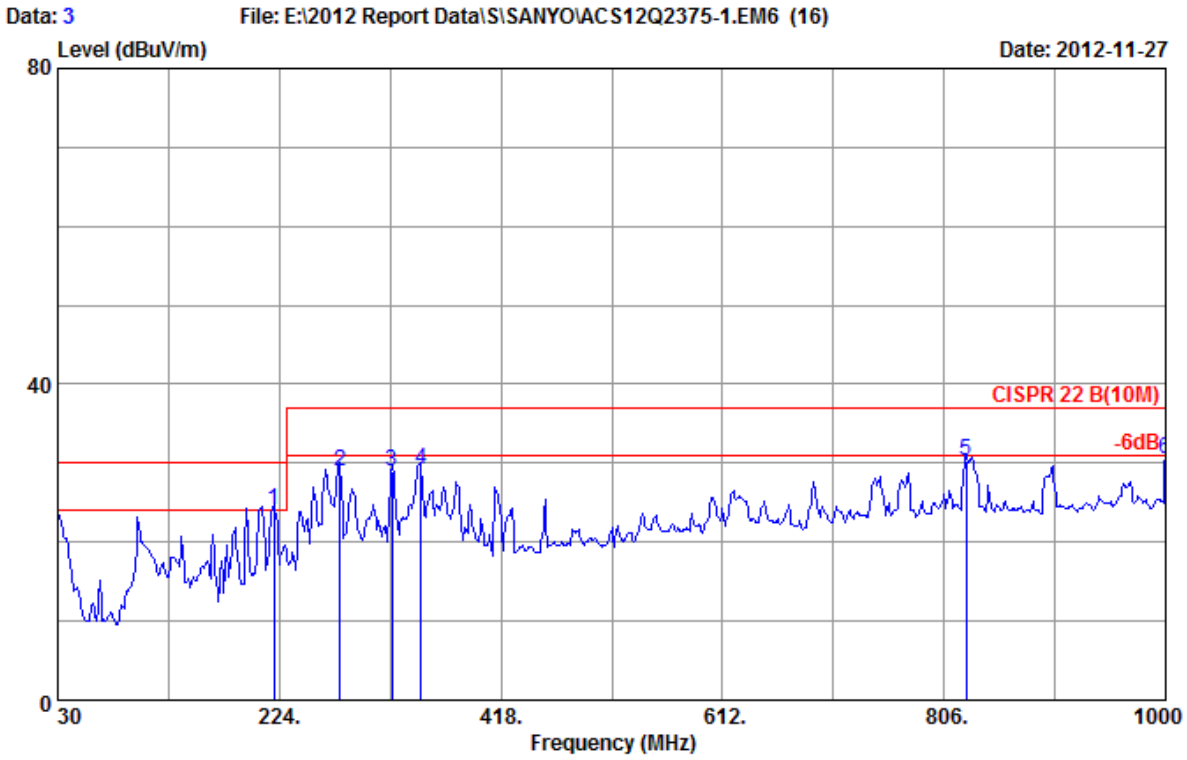
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber Data no. : 4
Dis. / Ant. : 10m 11 CBL6112D 25237 Ant. pol. : HORIZONTAL
Limit : CISPR 22 B(10M)
Env. / Ins. : 24*C/56% Engineer : Alex_shao
EUT : Multimedia Projector M/N:LC-XB250A
Power rating : AC 120V/60Hz
Test Mode : Computer IN(DVI)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	219.15	9.70	1.26	12.18	23.14	30.00	6.86	QP
2	379.20	15.08	1.73	11.74	28.55	37.00	8.45	QP
3	416.06	16.68	1.85	9.08	27.61	37.00	9.39	QP
4	483.96	17.40	2.08	8.37	27.85	37.00	9.15	QP
5	694.45	19.20	2.62	9.35	31.17	37.00	5.83	QP
6	749.74	19.60	2.76	6.24	28.60	37.00	8.40	QP

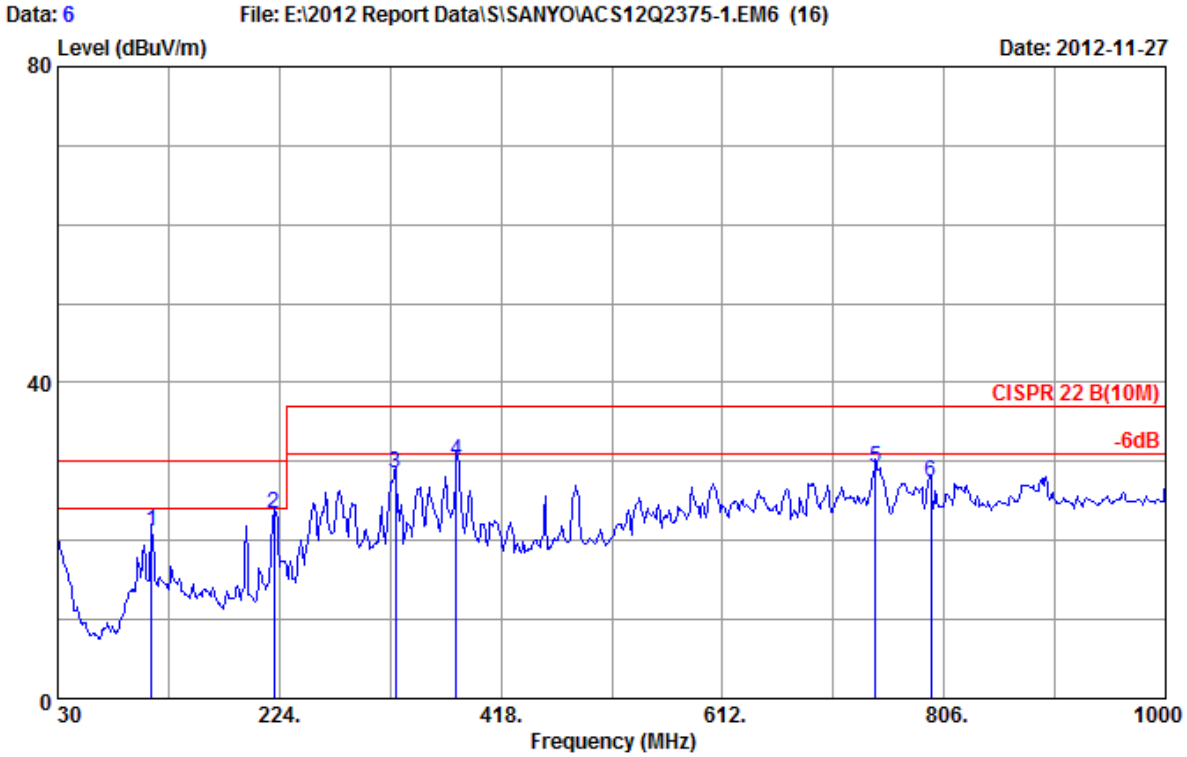
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber Data no. : 3
Dis. / Ant. : 10m 11 CBL6112D 25237 Ant. pol. : VERTICAL
Limit : CISPR 22 B(10M)
Env. / Ins. : 24*C/56% Engineer : Alex_shao
EUT : Multimedia Projector M/N:LC-XB250A
Power rating : AC 120V/60Hz
Test Mode : Computer IN(DVI)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	219.15	9.70	1.26	13.02	23.98	30.00	6.02	QP
2	277.35	12.74	1.40	14.93	29.07	37.00	7.93	QP
3	322.94	13.80	1.54	13.59	28.93	37.00	8.07	QP
4	348.16	14.32	1.61	13.18	29.11	37.00	7.89	QP
5	825.40	20.40	2.94	6.92	30.26	37.00	6.74	QP
6	1000.00	21.40	3.32	5.80	30.52	37.00	6.48	QP

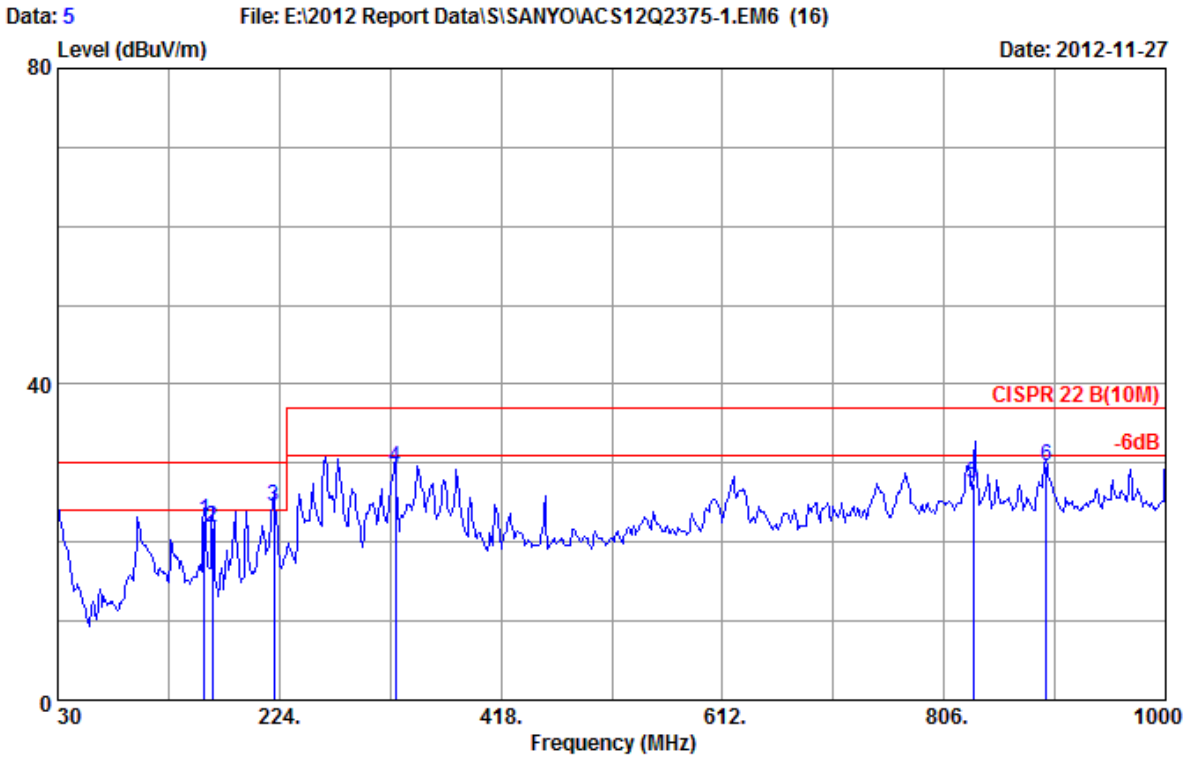
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber Data no. : 6
Dis. / Ant. : 10m 11 CBL6112D 25237 Ant. pol. : HORIZONTAL
Limit : CISPR 22 B(10M)
Env. / Ins. : 24*C/56% Engineer : Alex_shao
EUT : Multimedia Projector M/N:LC-XB250A
Power rating : AC 120V/60Hz
Test Mode : AV IN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	112.45	12.90	1.00	7.17	21.07	30.00	8.93	QP
2	219.15	9.70	1.26	12.44	23.40	30.00	6.60	QP
3	325.85	13.82	1.54	13.11	28.47	37.00	8.53	QP
4	379.20	15.08	1.73	13.29	30.10	37.00	6.90	QP
5	745.86	19.68	2.74	6.86	29.28	37.00	7.72	QP
6	794.36	20.20	2.86	4.35	27.41	37.00	9.59	QP

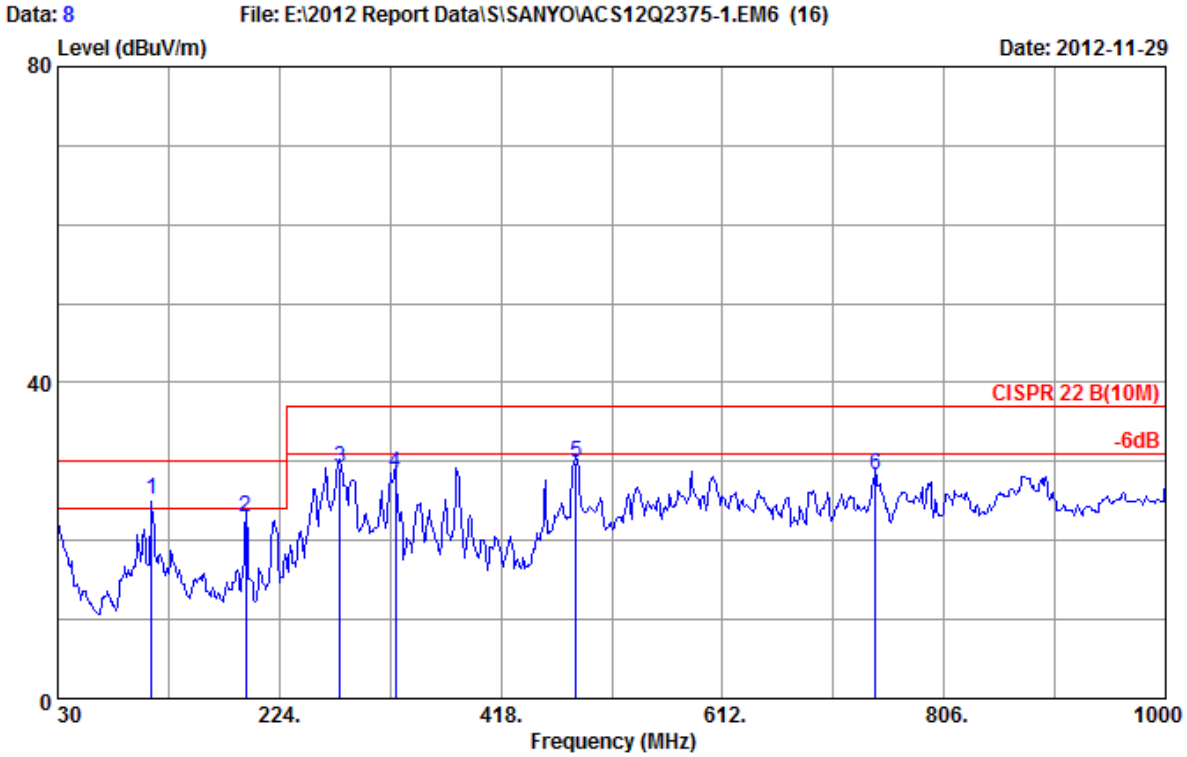
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber Data no. : 5
Dis. / Ant. : 10m 11 CBL6112D 25237 Ant. pol. : VERTICAL
Limit : CISPR 22 B(10M)
Env. / Ins. : 24*C/56% Engineer : Alex_shao
EUT : Multimedia Projector M/N:LC-XB250A
Power rating : AC 120V/60Hz
Test Mode : AV IN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	158.40	10.80	1.10	10.80	22.70	30.00	7.30	QP
2	165.51	10.40	1.12	10.40	21.92	30.00	8.08	QP
3	219.15	9.70	1.26	13.57	24.53	30.00	5.47	QP
4	325.85	13.82	1.54	14.15	29.51	37.00	7.49	QP
5	831.63	20.30	2.96	4.20	27.46	37.00	9.54	QP
6	895.24	20.80	3.09	5.65	29.54	37.00	7.46	QP

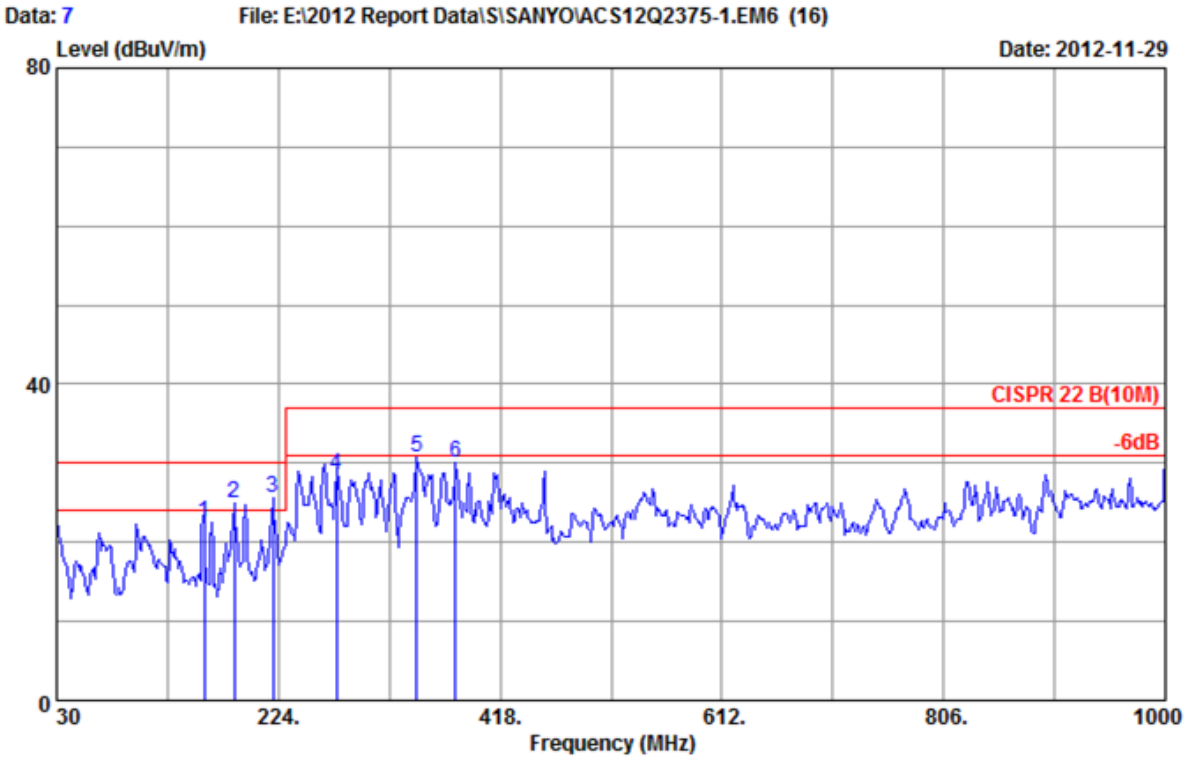
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber Data no. : 8
Dis. / Ant. : 10m 11 CBL6112D 25237 Ant. pol. : HORIZONTAL
Limit : CISPR 22 B(10M)
Env. / Ins. : 24*C/56% Engineer : Alex_shao
EUT : Multimedia Projector M/N:LC-XB250A
Power rating : AC 120V/60Hz
Test Mode : S-Video IN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	112.04	12.90	1.00	11.28	25.18	30.00	4.82	QP
2	194.90	9.90	1.19	11.83	22.92	30.00	7.08	QP
3	277.35	12.74	1.40	15.15	29.29	37.00	7.71	QP
4	325.85	13.82	1.54	13.11	28.47	37.00	8.53	QP
5	483.96	17.40	2.08	10.47	29.95	37.00	7.05	QP
6	745.86	19.68	2.74	5.86	28.28	37.00	8.72	QP

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

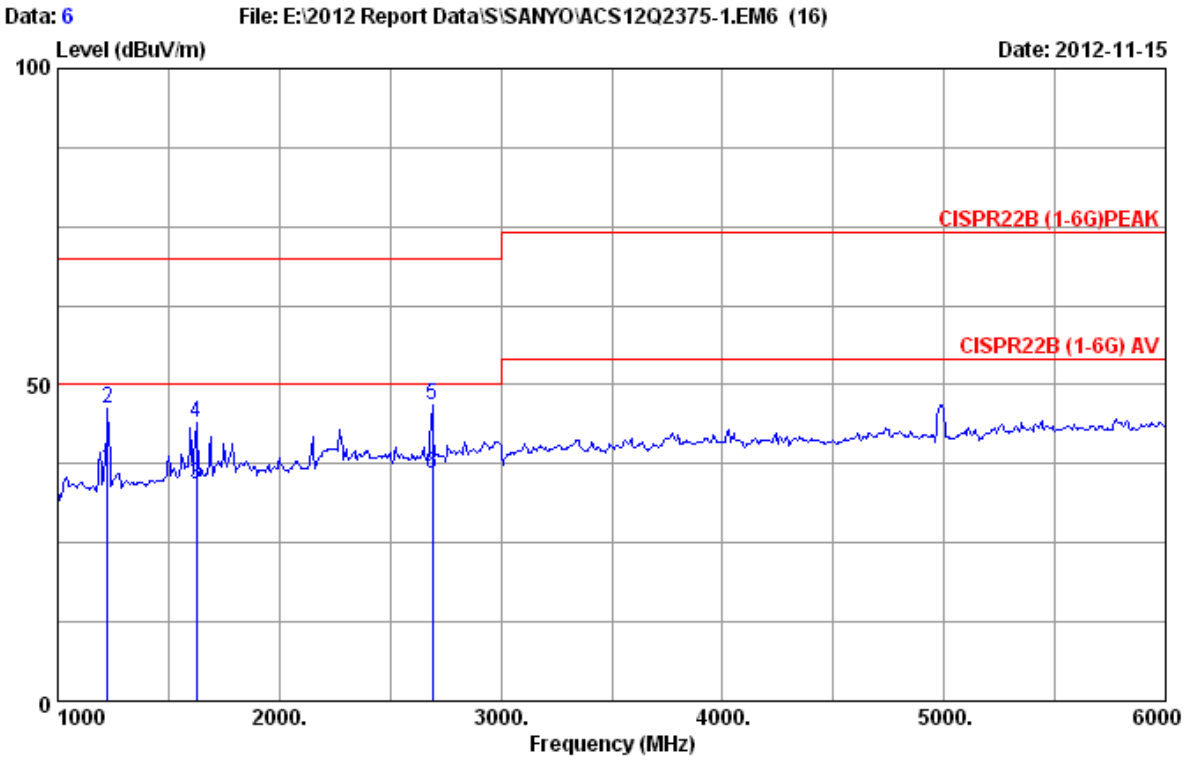


Site no. : 10m Chamber Data no. : 7
Dis. / Ant. : 10m 11 CBL6112D 25237 Ant. pol. : VERTICAL
Limit : CISPR 22 B(10M)
Env. / Ins. : 24*C/56% Engineer : Alex_shao
EUT : Multimedia Projector M/N:LC-XB250A
Power rating : AC 120V/60Hz
Test Mode : S-Video IN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	159.01	10.80	1.10	10.72	22.62	30.00	7.38	QP
2	185.20	9.80	1.17	13.89	24.86	30.00	5.14	QP
3	219.15	9.70	1.26	14.57	25.53	30.00	4.47	QP
4	274.44	12.70	1.40	14.34	28.44	37.00	8.56	QP
5	345.25	14.20	1.61	14.89	30.70	37.00	6.30	QP
6	379.20	15.08	1.73	13.38	30.19	37.00	6.81	QP

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

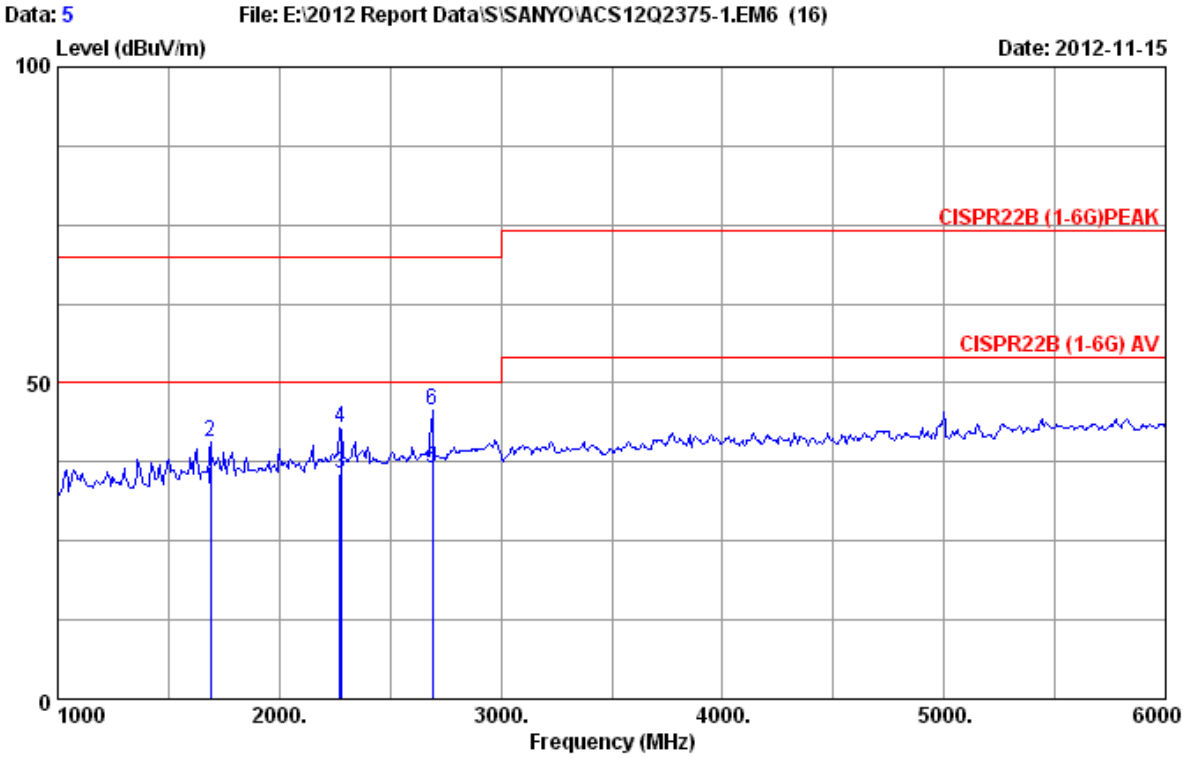
Test Frequency: Above 1GHz



Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 2011 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : CISPR22B (1-6G)PEAK
Env. / Ins. : 24*C/56% Engineer : Victory
EUT : Multimedia Projector M/N:LC-XB250A
Power Rating : AC 120V/60Hz
Test Mode : Computer IN(VGA)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1225.025	24.28	0.98	36.25	47.76	36.77	50.00	13.23	Average
2	1225.155	24.28	0.98	36.25	57.33	46.34	70.00	23.66	Peak
3	1625.170	26.11	1.05	35.81	42.80	34.15	50.00	15.85	Average
4	1625.544	26.11	1.05	35.81	52.68	44.03	70.00	25.97	Peak
5	2690.240	28.72	1.35	35.05	51.70	46.72	70.00	23.28	Peak
6	2690.241	28.72	1.35	35.05	41.03	36.05	50.00	13.95	Average

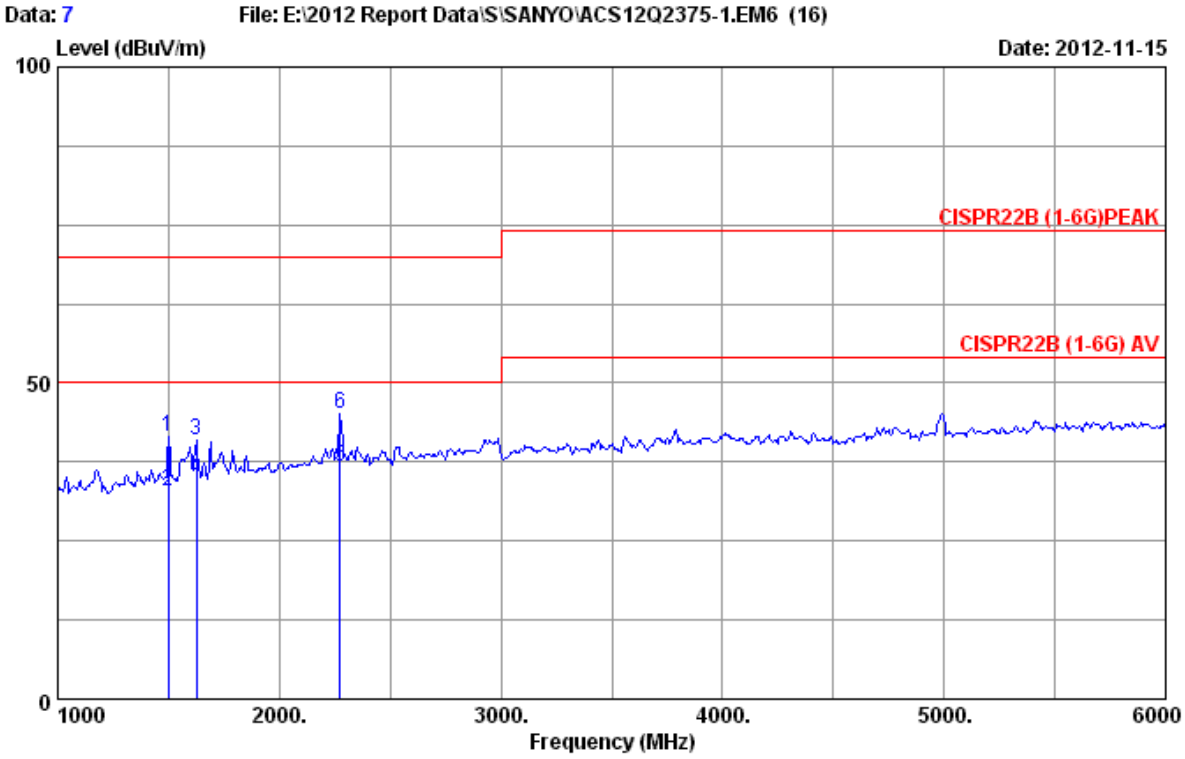
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 2011 3115 9607-4877 Ant. pol. : VERTICAL
Limit : CISPR22B (1-6G)PEAK
Env. / Ins. : 24*C/56% Engineer : Victory
EUT : Multimedia Projector M/N:LC-XB250A
Power Rating : AC 120V/60Hz
Test Mode : Computer IN(VGA)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1690.022	26.36	1.06	35.73	41.50	33.19	50.00	16.81	Average
2	1690.351	26.36	1.06	35.73	48.98	40.67	70.00	29.33	Peak
3	2275.350	27.83	1.23	35.26	41.99	35.79	50.00	14.21	Average
4	2275.854	27.83	1.23	35.26	49.18	42.98	70.00	27.02	Peak
5	2690.052	28.72	1.35	35.05	41.55	36.57	50.00	13.43	Average
6	2690.354	28.72	1.35	35.05	50.68	45.70	70.00	24.30	Peak

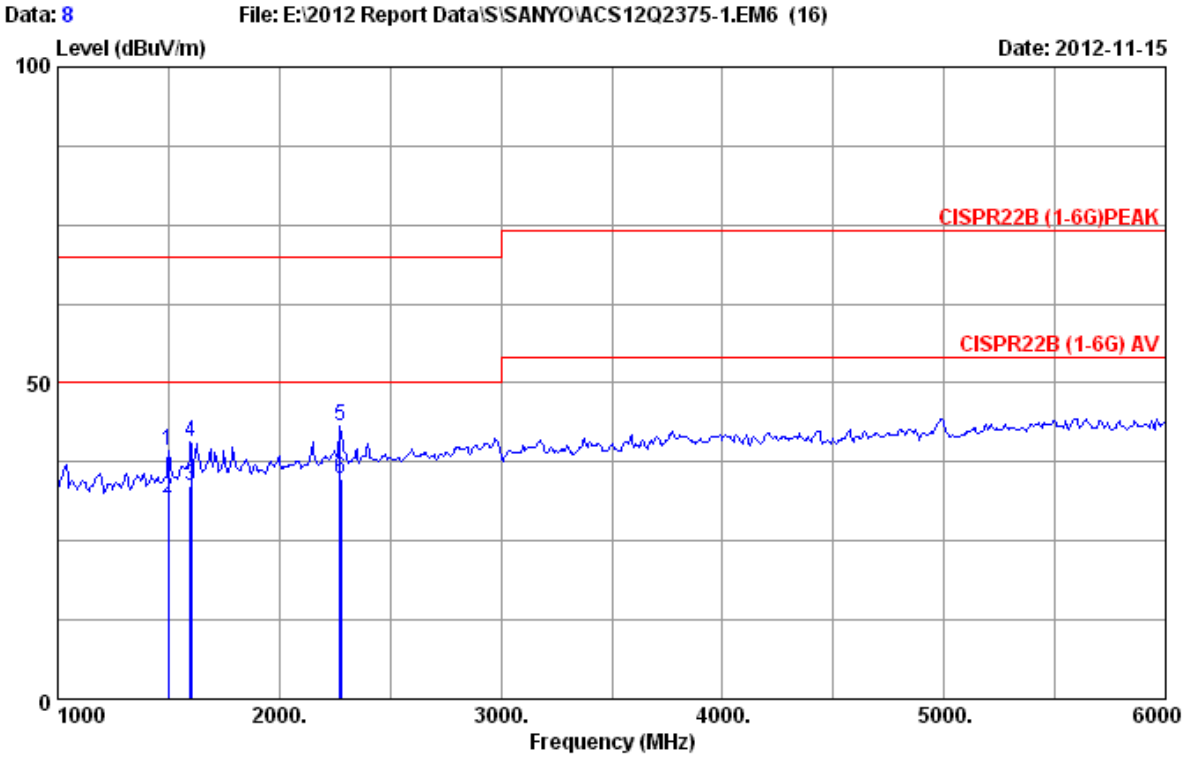
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 2011 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : CISPR22B (1-6G)PEAK
Env. / Ins. : 24*C/56% Engineer : Victory
EUT : Multimedia Projector M/N:LC-XB250A
Power Rating : AC 120V/60Hz
Test Mode : Computer IN(DVI)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1500.345	25.60	1.02	35.95	50.83	41.50	70.00	28.50	Peak
2	1500.644	25.60	1.02	35.95	42.18	32.85	50.00	17.15	Average
3	1625.120	26.11	1.05	35.81	49.46	40.81	70.00	29.19	Peak
4	1625.545	26.11	1.05	35.81	43.50	34.85	50.00	15.15	Average
5	2275.544	27.83	1.23	35.26	43.05	36.85	50.00	13.15	Average
6	2275.685	27.83	1.23	35.26	51.21	45.01	70.00	24.99	Peak

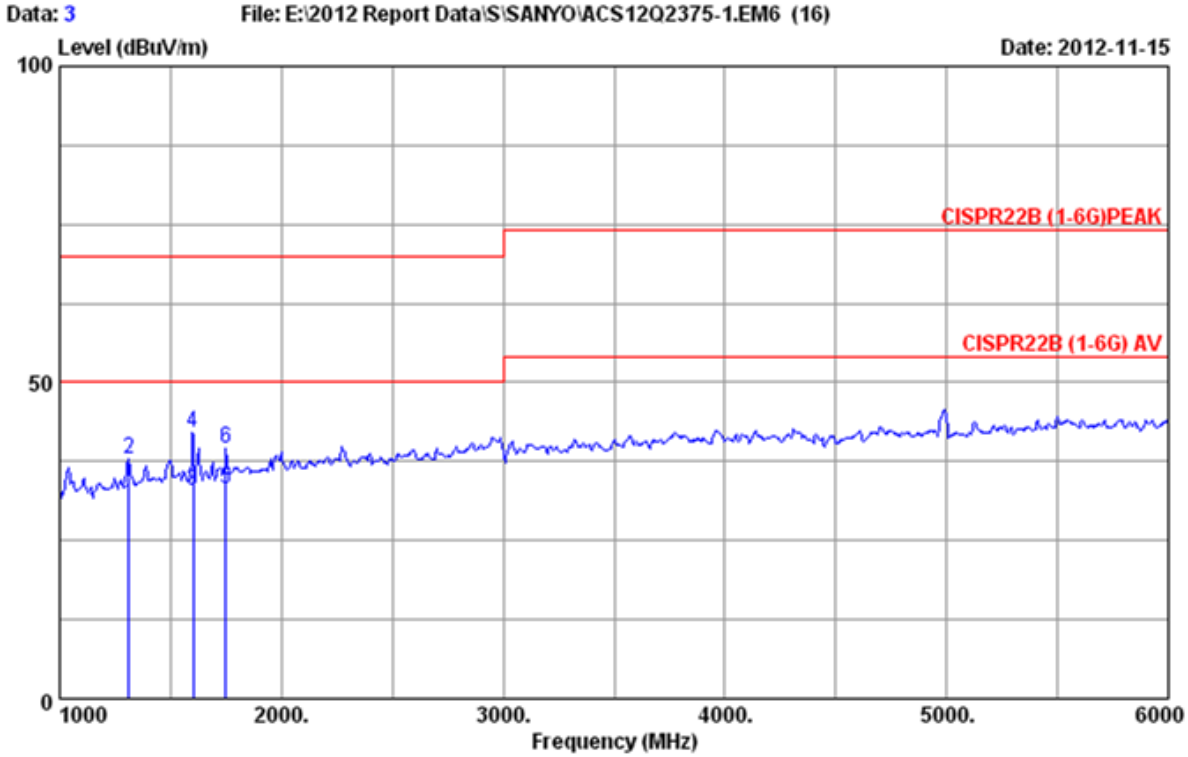
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : site Data no. : 8
Dis. / Ant. : 3m 2011 3115 9607-4877 Ant. pol. : VERTICAL
Limit : CISPR22B (1-6G)PEAK
Env. / Ins. : 24*C/56% Engineer : Victory
EUT : Multimedia Projector M/N:LC-XB250A
Power Rating : AC 120V/60Hz
Test Mode : Computer IN(DVI)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1500.053	25.60	1.02	35.95	48.59	39.26	70.00	30.74	Peak
2	1500.544	25.60	1.02	35.95	41.19	31.86	50.00	18.14	Average
3	1600.020	25.98	1.04	35.84	42.50	33.68	50.00	16.32	Average
4	1600.654	25.98	1.04	35.84	49.36	40.54	70.00	29.46	Peak
5	2275.366	27.83	1.23	35.26	49.49	43.29	70.00	26.71	Peak
6	2275.849	27.83	1.23	35.26	41.11	34.91	50.00	15.09	Average

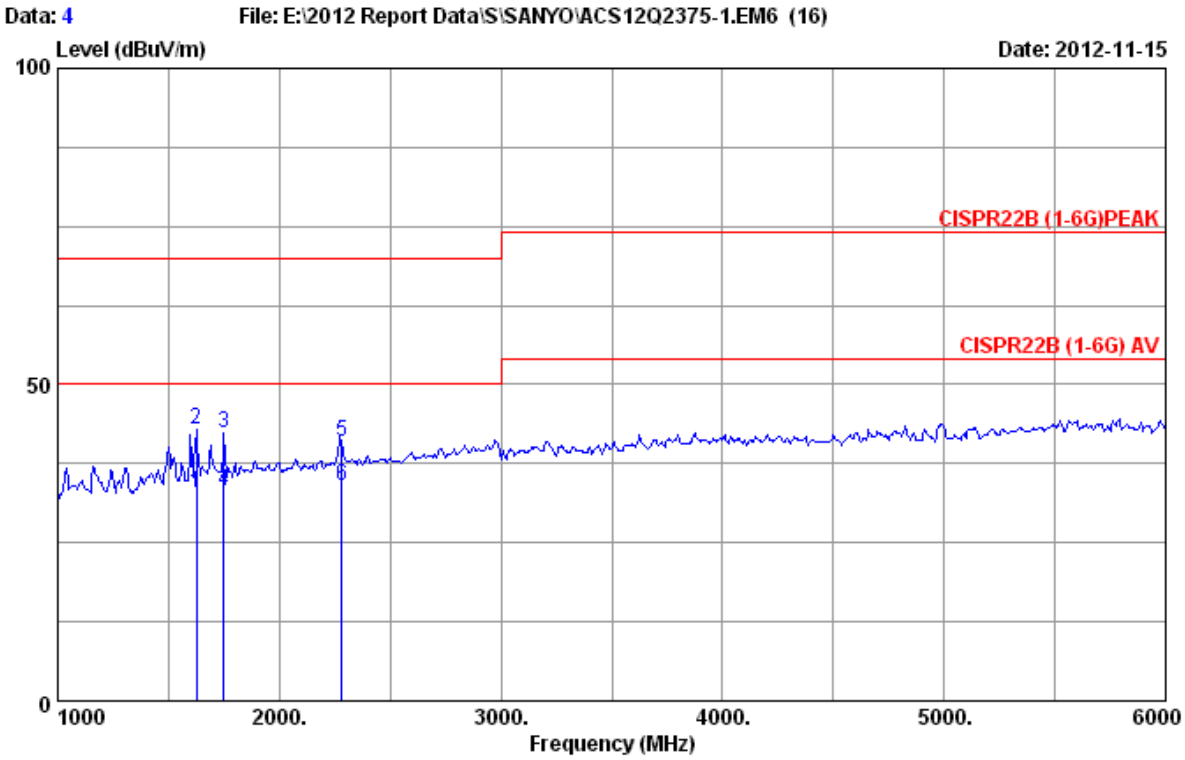
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 3
Dis. / Ant. : 3m 2011 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : CISPR22B (1-6G)PEAK
Env. / Ins. : 24°C/56% Engineer : Victory
EUT : Multimedia Projector M/N:LC-XB250A
Power Rating : AC 120V/60Hz
Test Mode : AV IN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1310.215	24.69	0.99	36.17	41.19	30.70	50.00	19.30	Average
2	1310.645	24.69	0.99	36.17	48.28	37.79	70.00	32.21	Peak
3	1600.311	25.98	1.04	35.84	41.60	32.78	50.00	17.22	Average
4	1600.855	25.98	1.04	35.84	50.87	42.05	70.00	27.95	Peak
5	1750.055	26.55	1.08	35.68	41.11	33.06	50.00	16.94	Average
6	1750.541	26.55	1.08	35.68	47.48	39.43	70.00	30.57	Peak

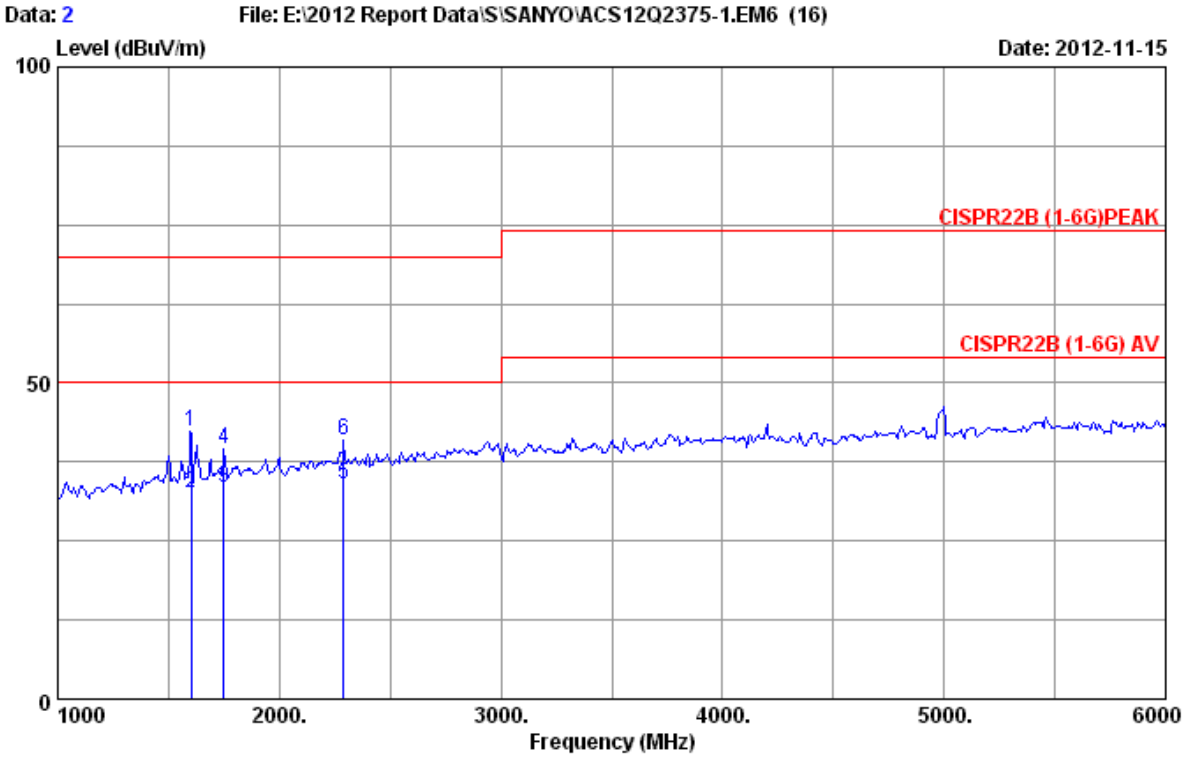
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 2011 3115 9607-4877 Ant. pol. : VERTICAL
Limit : CISPR22B (1-6G)PEAK
Env. / Ins. : 24*C/56% Engineer : Victory
EUT : Multimedia Projector M/N:LC-XB250A
Power Rating : AC 120V/60Hz
Test Mode : AV IN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1625.512	26.11	1.05	35.81	41.64	32.99	50.00	17.01	Average
2	1625.542	26.11	1.05	35.81	51.58	42.93	70.00	27.07	Peak
3	1750.045	26.55	1.08	35.68	50.45	42.40	70.00	27.60	Peak
4	1750.355	26.55	1.08	35.68	41.13	33.08	50.00	16.92	Average
5	2280.654	27.83	1.23	35.26	47.03	40.83	70.00	29.17	Peak
6	2280.980	27.83	1.23	35.26	40.17	33.97	50.00	16.03	Average

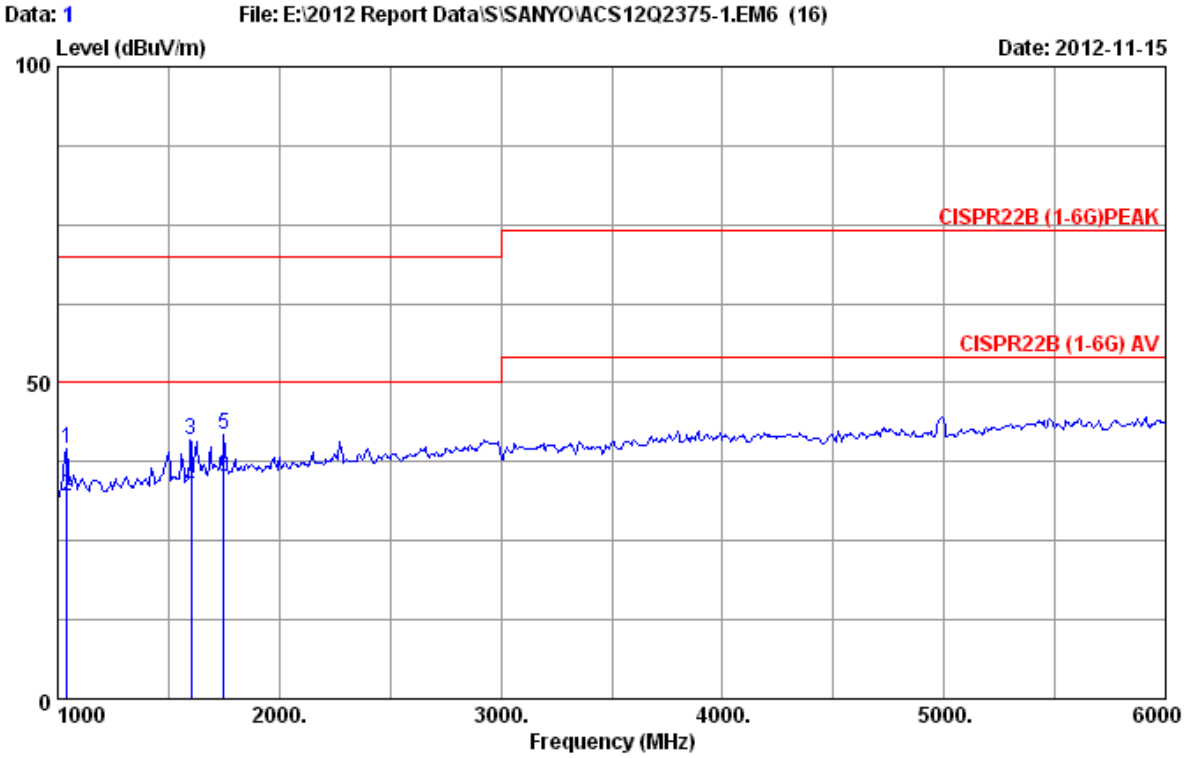
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2011 3115 9607-4877 Ant. pol. : HORIZONTAL
Limit : CISPR22B (1-6G)PEAK
Env. / Ins. : 24*C/56% Engineer : Victory
EUT : Multimedia Projector M/N:LC-XB250A
Power Rating : AC 120V/60Hz
Test Mode : S-Video IN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1600.545	25.98	1.04	35.84	51.17	42.35	70.00	27.65	Peak
2	1600.644	25.98	1.04	35.84	41.53	32.71	50.00	17.29	Average
3	1750.541	26.55	1.08	35.68	41.55	33.50	50.00	16.50	Average
4	1750.558	26.55	1.08	35.68	47.74	39.69	70.00	30.31	Peak
5	2290.611	27.85	1.24	35.25	40.11	33.95	50.00	16.05	Average
6	2290.974	27.85	1.24	35.25	47.20	41.04	70.00	28.96	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. : 1
Dis. / Ant. : 3m 2011 3115 9607-4877 Ant. pol. : VERTICAL
Limit : CISPR22B (1-6G)PEAK
Env. / Ins. : 24*C/56% Engineer : Victory
EUT : Multimedia Projector M/N:LC-XB250A
Power Rating : AC 120V/60Hz
Test Mode : S-Video IN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1040.459	23.37	0.95	36.44	51.62	39.50	70.00	30.50	Peak
2	1040.545	23.37	0.95	36.44	44.25	32.13	50.00	17.87	Average
3	1600.512	25.98	1.04	35.84	49.67	40.85	70.00	29.15	Peak
4	1600.645	25.98	1.04	35.84	42.15	33.33	50.00	16.67	Average
5	1750.542	26.55	1.08	35.68	49.73	41.68	70.00	28.32	Peak
6	1750.640	26.55	1.08	35.68	43.13	35.08	50.00	14.92	Average

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]