FCC CLASS B CONFORMITY REPORT

Product Name	:	Multimedia Projector
Model Number	:	PLC-WXU700A LC-WB42NA
FCC ID	:	WS309KY7AE00
Contains FCC ID(WLAN module)	:	NPK19B255
Report Number	:	SZEE091014298701-1
Date	:	Nov. 05, 2009

Standards	Results
☒ FCC Part 15: 2008	PASS

Prepared for:

Dongguan Huaqiang SANYO Electronics Co., Ltd
HongYe Industry Area, Tang Xia Town, Dongguan, Gangdong, China
TEL: 86-769-8791 0998-3120
FAX: 86-769-8775 3123

Prepared by:

CENTRE TESTING INTERNATIONAL CORPORATION
Building C, Hongwei Industrial Zone, Baoan 70 District,
Shenzhen, Guangdong, China
TEL: +86-755-3368 3662
FAX: +86-755-3368 3385

TABLE OF CONTENTS

Description Page

1. VERIFICATION OF CONFORMITY

Applicant & Address:	Dongguan Huaqiang SANYO Electronics Co., Ltd HongYe Industry Area,Tang Xia Town, Dongguan, Gangdong, China		
Manufacturer & Address:	SANYO ELECTRIC CO LTD 1-1 SANYO-CHO DAITO-SHI, OSAKA 574-8534 JAPAN		
Type of Test:	FCC Part 15B		
FCC ID:	WS309KY7AE00		
Contains FCC ID(WLAN module):	NPK19B255		
Equipment Under Test:	Multimedia Projector		
Test Model:	PLC-WXU700A	**Trade Name:**	SANYO
Additional Model:	LC-WB42NA	**Trade Name:**	EIKI
Model Deviation:	The two models above are identical except the printings and trade marks for different buyers. The test model is PLC-WXU700A, and all the test results are applicable to LC-WB42NA.		
Serial Number:	N/A		
Date of test:	Oct. 14, 2009 to Oct. 20, 2009		
Condition of Test Sample:	Normal		

The above equipment was tested by Centre Testing International Corporation for compliance with the requirements set forth in the FCC Rules and Regulations Part 15, Subpart B and the measurement procedure according to ANSI C63.4.
The test results of this report relate only to the tested sample identified in this report.

Prepared by : Christy Chen

Reviewed by : Louisa Lu

Approved by : Jim Zhang (for)
Manager

Date : Nov. 05, 2009

2. TEST SUMMARY

The EUT has been tested according to the following specifications:

EMISSION			
Standard	**Test Type**	**Result**	**Remark**
FCC Part 15B	Conducted emission at AC power port	PASS	See clause 7 in this report
	Radiated emission	PASS	See clause 8 in this report

3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Measurement items	Value
Conducted emission	3.2 dB
Radiated emission	4.6 dB

4. PRODUCT INFORMATION

I/O Port of EUT

I/O Port Type	Quantity
R/C JACK	1
USB	2
CONTROL PORT	1
COMPUTER IN1 / COMPONENT IN	1
COMPUTER IN2 / MONITOR OUT	1
HDMI	1
VIDEO IN	1
AUDIO IN	4 (L(MONO), R, COMPUTER1 / COMPONENT, COMPUTER2)
AUDIO OUT (VARIABLE)	1
S-VIDEO	1
LAN	1

5. FACILITIES AND ACCREDITATIONS

5.1 TEST FACILITY

Centre Testing International Corporation

Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen, Guangdong, China

5.2 TEST EQUIPMENT LIST

Instrumentation: The following list contains equipments used at CTI for testing.
The calibrations of the measuring instruments, including any accessories that may effect such calibration, are checked frequently to assure their accuracy. Adjustments are made and correction factors applied in accordance with instructions contained in the manual for the measuring instrument.

Table 1: List of Test and Measurement Equipment

Equipment	Manufacturer	Model Number	Serial Number	Last Calibration Date	Next Calibration Date
Shielding Room No. 1 —AC Power Line Conducted Emissions Measurement					
Receiver	R&S	ESCI	100435	01/29/2009	01/28/2010
LISN	R&S	ENV216	100098	06/13/2009	06/12/2010
3M Semi-anechoic Chamber — Radio Test Site					
Spectrum Analyzer	Agilent	E4443A	MY45300910	09/07/2009	09/06/2010
Biconilog Antenna	A.H.System	SAS-521-2	487	06/05/2009	06/04/2010
Horn Antenna	ETS-LINDGREN	3117	00057407	07/30/2009	07/29/2010
3M Chamber & Accessories	ETS-LINDG REN	FACT-3	N/A	05/11/2009	05/10/2010

5.3 LABORATORY ACCREDITATIONS AND LISTINGS

The test facilities used to perform radiated and conducted emissions tests are accredited by China National Accreditation Board for Laboratories (CNAS). Electromagnetic Interference tests according to ANSI C63.4 and CISPR 16 requirements.

6. SETUP OF EQUIPMENT UNDER TEST

6.1 SETUP CONFIGURATION OF EUT

1. See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.
2. Make sure EUT work normally during the whole test.

6.2 SUPPORT EQUIPMENT

No.	Device Type	Brand	Model	Series No.	Data Cable	Power Cord
1.	PC	IBM	8143	BD-241	--	Un-shielded 1.2M
2.	Monitor	IBM	9205-AB6	VK-KZ133	Un-shielded 1M	Un-shielded 1 M
3.	Mouse	IBM	M028UOL	23-468157	Un-shielded 1.2M	--
4.	headphone	SONY	--	--	Un-Shielded 1M	--
5.	DVD player	PHILIPS	DVP5965K/93	KX1A065042 2576	Un-shielded 1M	Un-shielded 1M

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer’s requirements and conditions for the intended use.

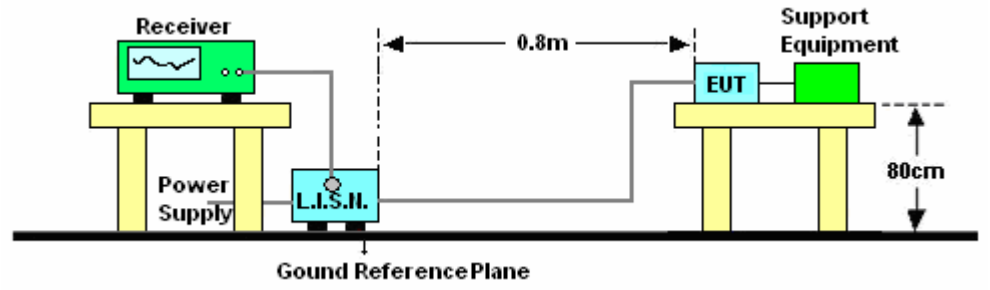
7. AC POWER LINE CONDUCTED EMISSIONS MEASUREMENT

7.1 LIMITS

Frequency (MHz)	Conducted Limit (dBuV) – Class B Digital Device	
	Q.P. (dBuV)	Average (dBuV)
0.150 – 0.5	66-56	56-46
0.5 – 5	56	46
5 - 30	60	50

Note: the tighter limit applies at the band edges.

7.2 BLOCK DIAGRAM OF TEST SETUP



7.3 TEST PROCEDURE

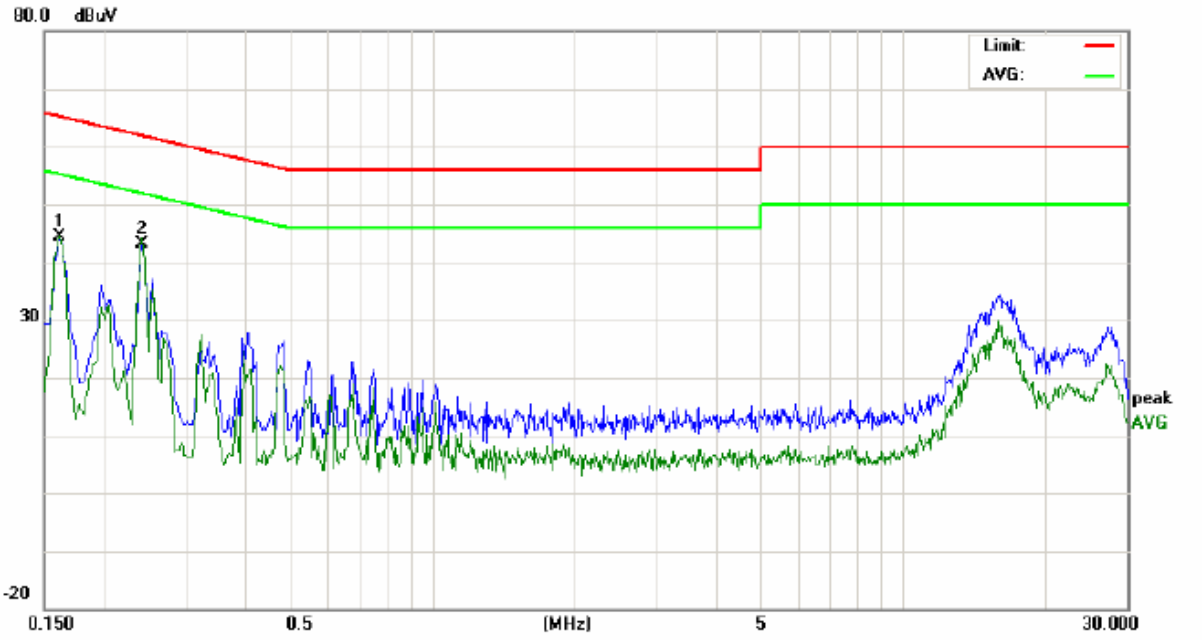
a. The EUT was placed on a non-conductive table 0.8 m above the horizontal ground reference plane, and 0.4 m from the vertical ground reference plane, and connected to the main through Line Impedance Stability Network (L.I.S.N).

b. The RBW of the receiver was set at 9 kHz in 150 kHz ~ 30MHz with Peak and AVG detector in Max Hold mode. Run the receiver's pre-scan to record the maximum disturbance generated from EUT in all power lines in the full band.

c. For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

7.4 TEST RESULT

Figure 1: Test figure of Conducted emission, VGA mode



Site site #1 Phase: L1 Temperature: 24

Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %

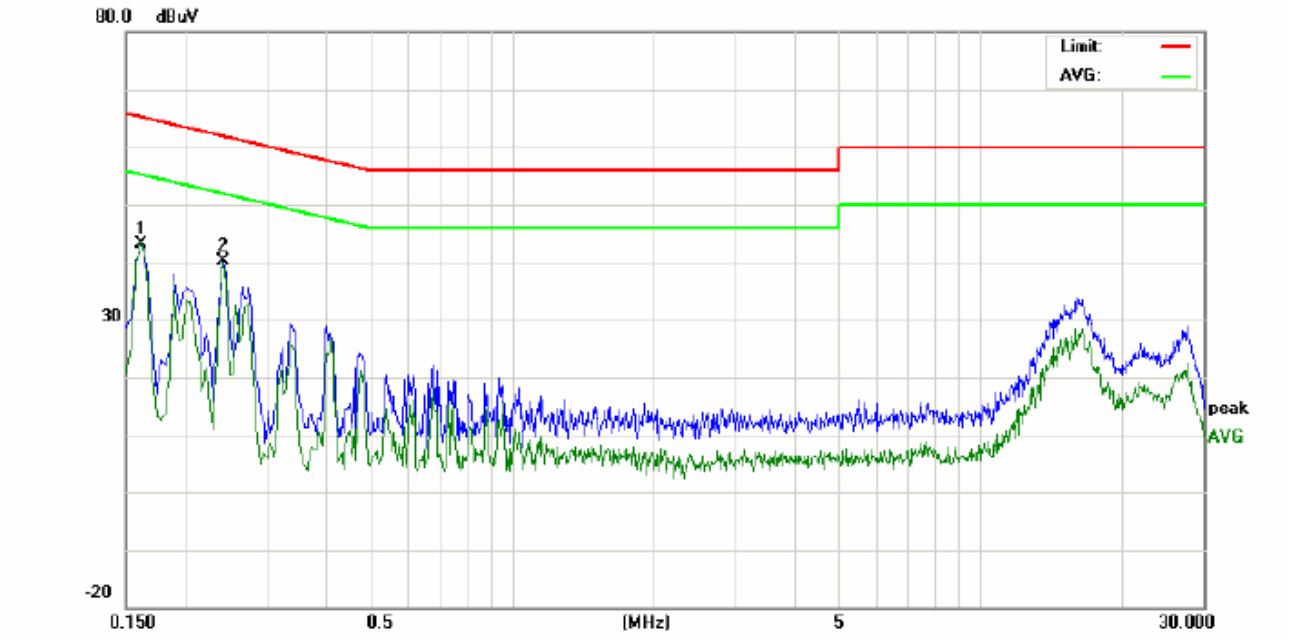
EUT: Multimedia Projector

M/N: PLC-WXU700A

Mode: VGA

Note:

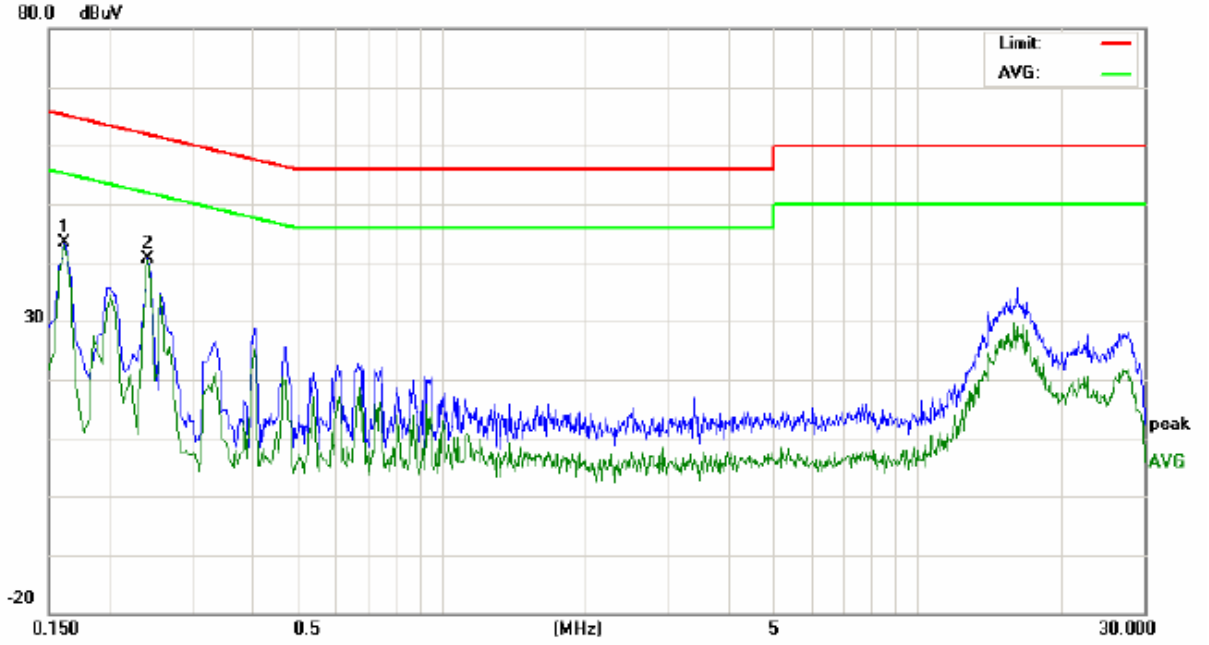
No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	34.16	32.23	32.24	10.14	44.30	42.37	42.38	65.36	55.36	-22.99	-12.98	P	
2	0.2420	33.25	29.91	29.81	9.96	43.21	39.87	39.77	62.03	52.03	-22.16	-12.26	P	



Site site #1 Phase: N Temperature: 24
Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: VGA
Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	33.05	33.18	33.17	10.14	43.19	43.32	43.31	65.36	55.36	-22.04	-12.05	P	
2	0.2420	30.06	29.74	29.67	9.96	40.02	39.70	39.63	62.03	52.03	-22.33	-12.40	P	

Figure 2: Test figure of Conducted emission, AV mode



Site site #1 Phase: L1 Temperature: 24

Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %

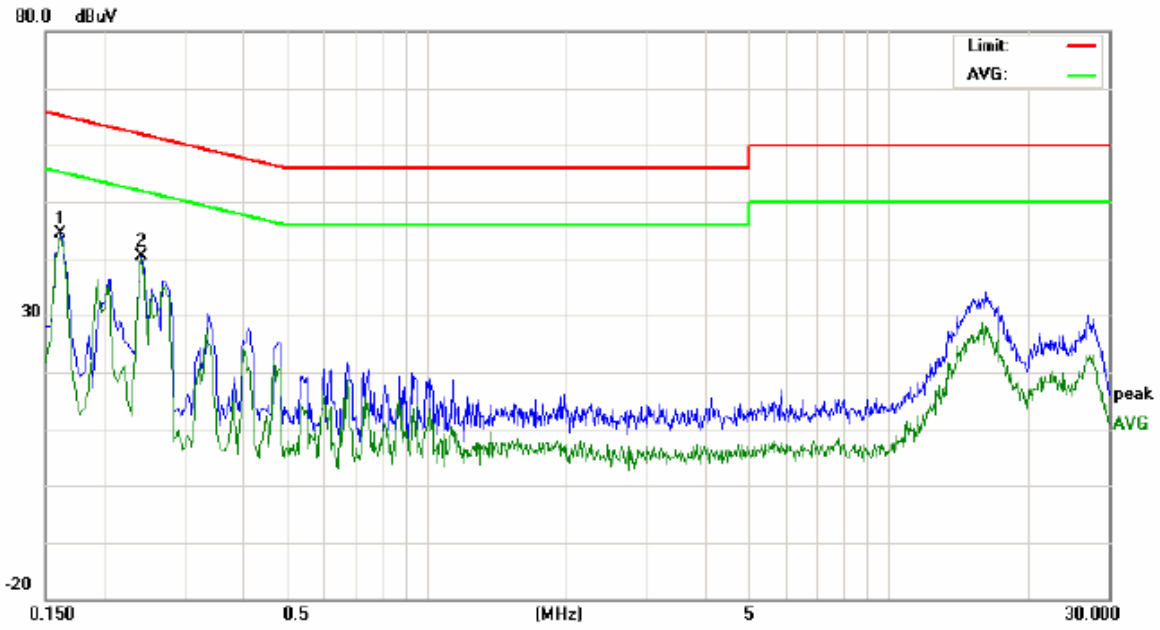
EUT: Multimedia Projector

M/N: PLC-WXU700A

Mode: AV

Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	33.18	32.28	32.31	10.14	43.32	42.42	42.45	65.36	55.36	-22.94	-12.91	P	
2	0.2420	30.70	30.02	29.94	9.96	40.66	39.98	39.90	62.03	52.03	-22.05	-12.13	P	



Site site #1 Phase: N Temperature: 24

Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %

EUT: Multimedia Projector

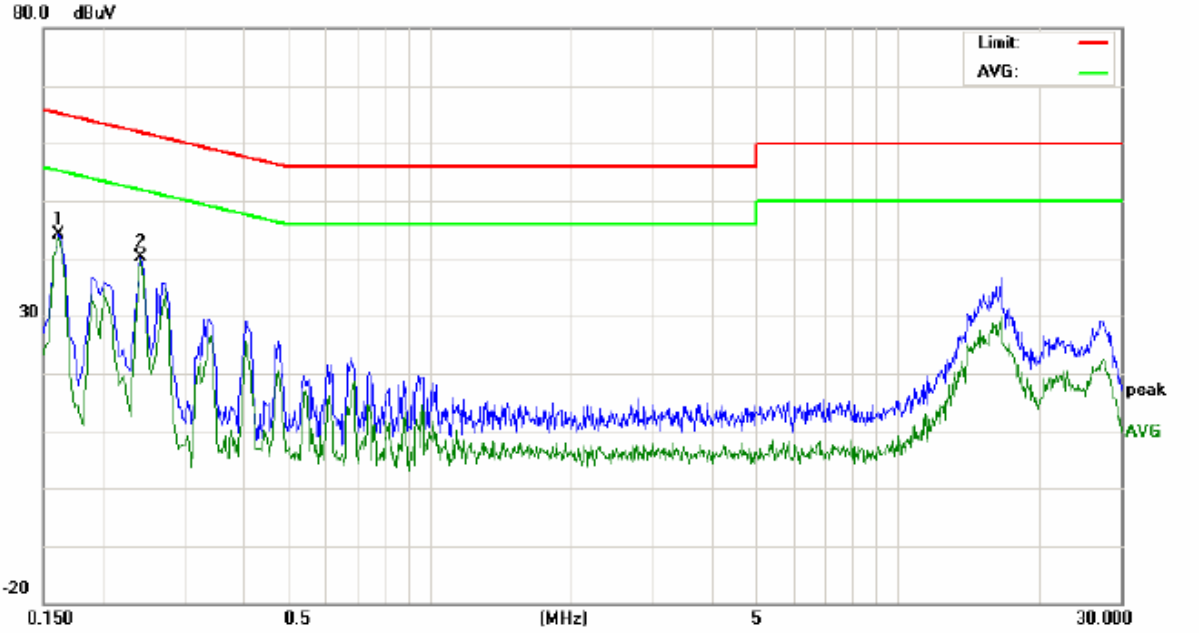
M/N: PLC-WXU700A

Mode: AV

Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	34.15	33.34	33.32	10.14	44.29	43.48	43.46	65.36	55.36	-21.88	-11.90	P	
2	0.2420	30.54	29.92	29.86	9.96	40.50	39.88	39.82	62.03	52.03	-22.15	-12.21	P	

Figure 3: Test figure of Conducted emission, HDMI mode



Site site #1 Phase: *L1* Temperature: 24

Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %

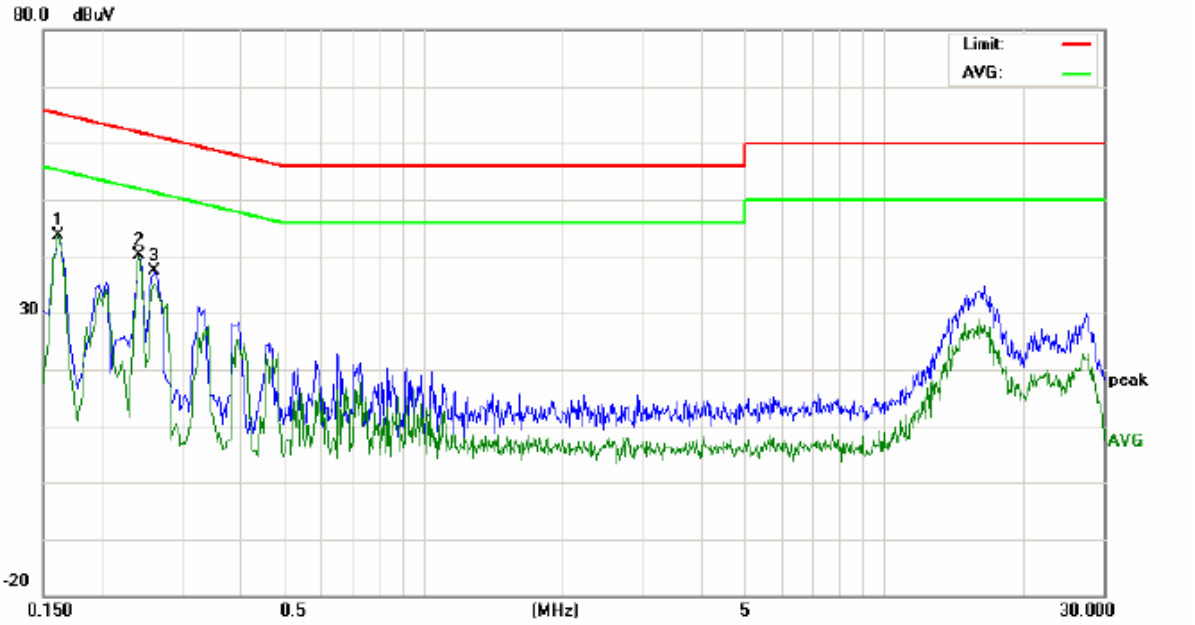
EUT: Multimedia Projector

M/N: PLC-WXU700A

Mode: HDMI

Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	34.11	33.34	33.32	10.14	44.25	43.48	43.46	65.36	55.36	-21.88	-11.90	P	
2	0.2420	30.15	30.04	29.98	9.96	40.11	40.00	39.94	62.03	52.03	-22.03	-12.09	P	



Site site #1 Phase: N Temperature: 24

Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %

EUT: Multimedia Projector

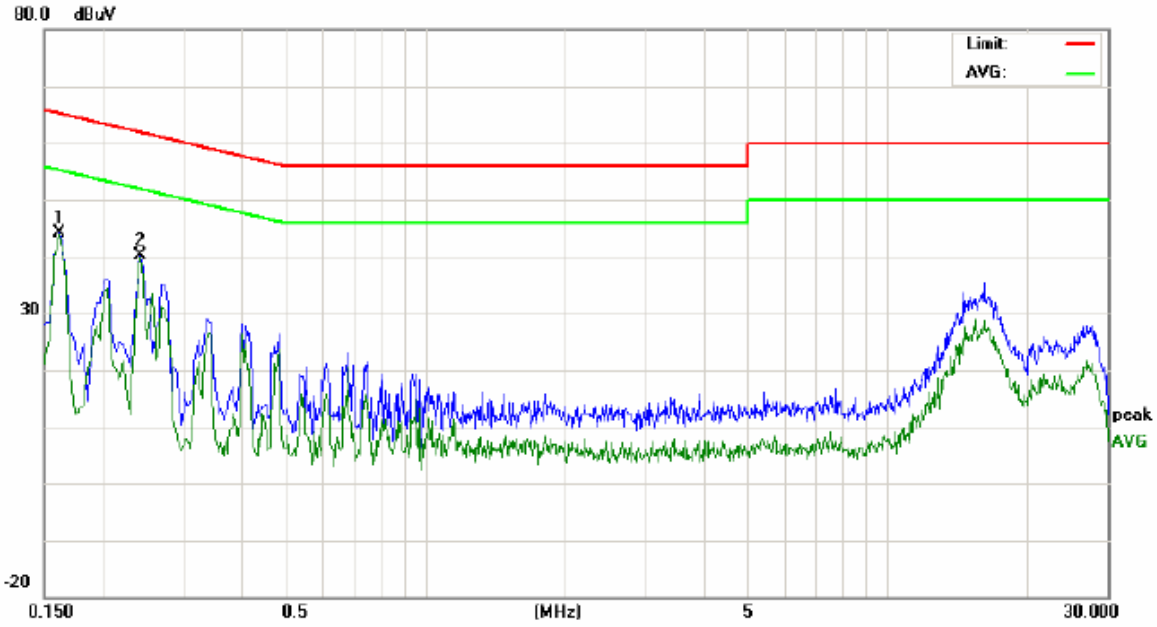
M/N: PLC-WXU700A

Mode: HDMI

Note:

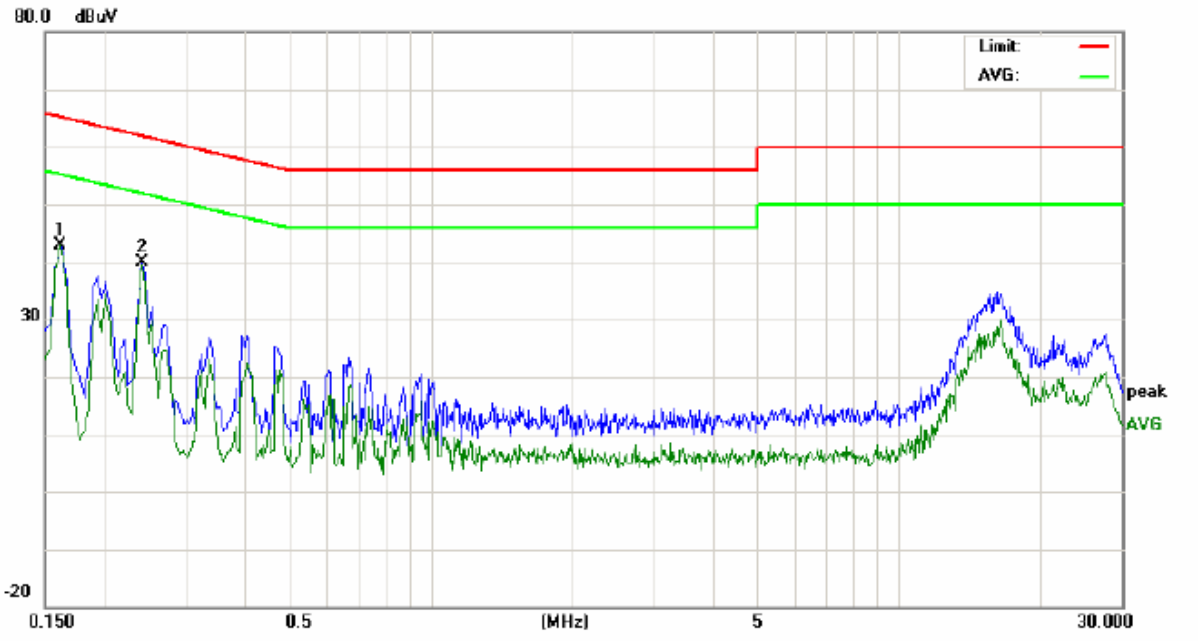
No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	33.46	33.30	33.28	10.14	43.60	43.44	43.42	65.36	55.36	-21.92	-11.94	P	
2	0.2420	30.20	29.83	29.76	9.96	40.16	39.79	39.72	62.03	52.03	-22.24	-12.31	P	
3	0.2620	27.47	26.18	23.94	9.96	37.43	36.14	33.90	61.37	51.37	-25.23	-17.47	P	

Figure 4: Test figure of Conducted emission, S-Video mode



Site site #1 Phase: L1 Temperature: 24
Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: S
Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	33.90	33.20	33.18	10.14	44.04	43.34	43.32	65.36	55.36	-22.02	-12.04	P	
2	0.2420	30.06	29.52	29.44	9.96	40.02	39.48	39.40	62.03	52.03	-22.55	-12.63	P	



Site site #1 Phase: N Temperature: 24

Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %

EUT: Multimedia Projector

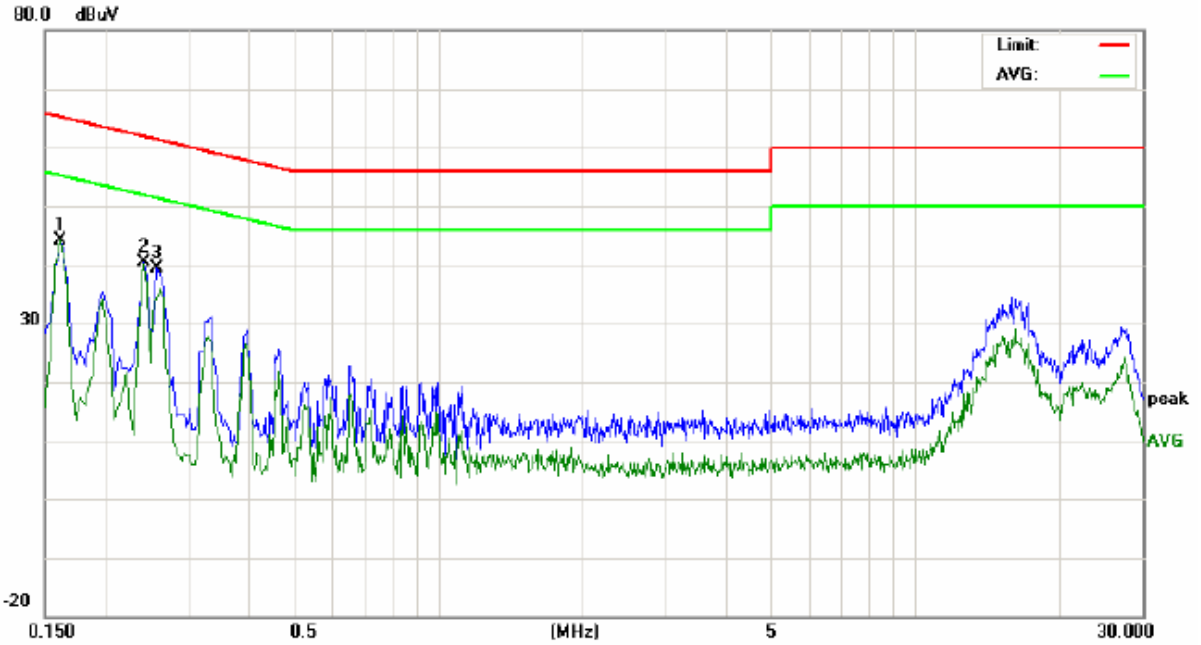
M/N: PLC-WXU700A

Mode: S

Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	32.83	32.79	32.69	10.14	42.97	42.93	42.83	65.36	55.36	-22.43	-12.53	P	
2	0.2420	29.86	29.57	29.46	9.96	39.82	39.53	39.42	62.03	52.03	-22.50	-12.61	P	

Figure 5: Test figure of Conducted emission, LAN mode



Site site #1 Phase: L1 Temperature: 24

Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %

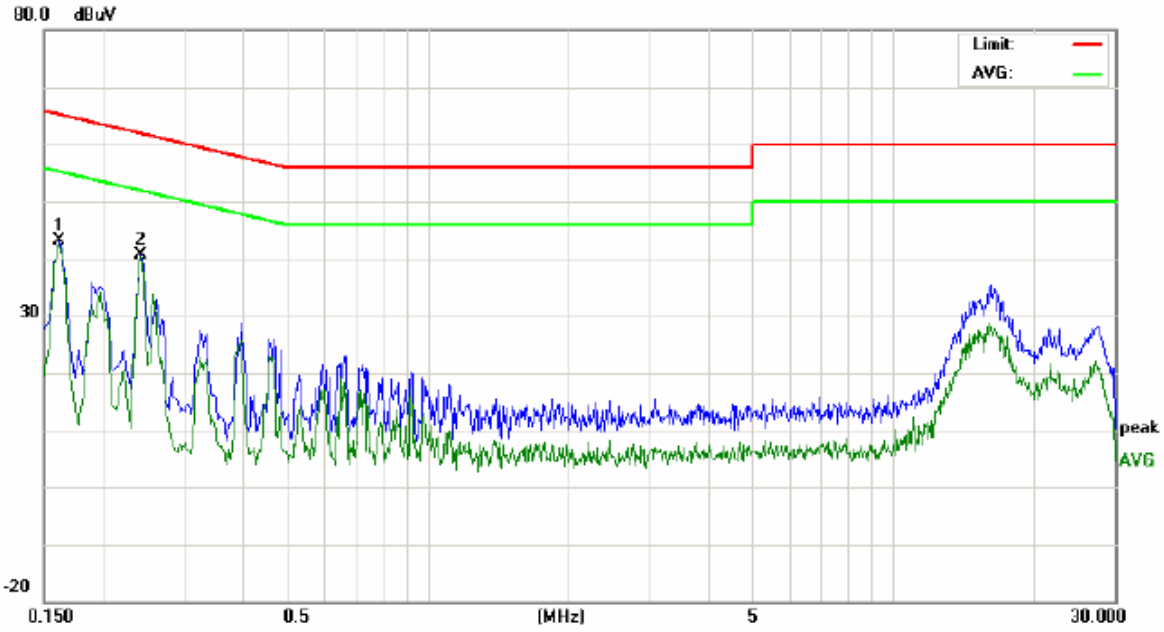
EUT: Multimedia Projector

M/N: PLC-WXU700A

Mode: LAN

Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	33.97	33.32	33.30	10.14	44.11	43.46	43.44	65.36	55.36	-21.90	-11.92	P	
2	0.2420	30.44	29.98	29.91	9.96	40.40	39.94	39.87	62.03	52.03	-22.09	-12.16	P	
3	0.2580	29.29	27.46	21.27	9.96	39.25	37.42	31.23	61.50	51.50	-24.08	-20.27	P	



Site site #1 Phase: N Temperature: 24

Limit: FCC Class B Conduction (QP) Power: AC 120V/60Hz Humidity: 53 %

EUT: Multimedia Projector

M/N: PLC-WXU700A

Mode: LAN

Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	32.95	32.25	32.29	10.14	43.09	42.39	42.43	65.36	55.36	-22.97	-12.93	P	
2	0.2420	30.59	30.30	30.23	9.96	40.55	40.26	40.19	62.03	52.03	-21.77	-11.84	P	

8. RADIATED EMISSION TEST

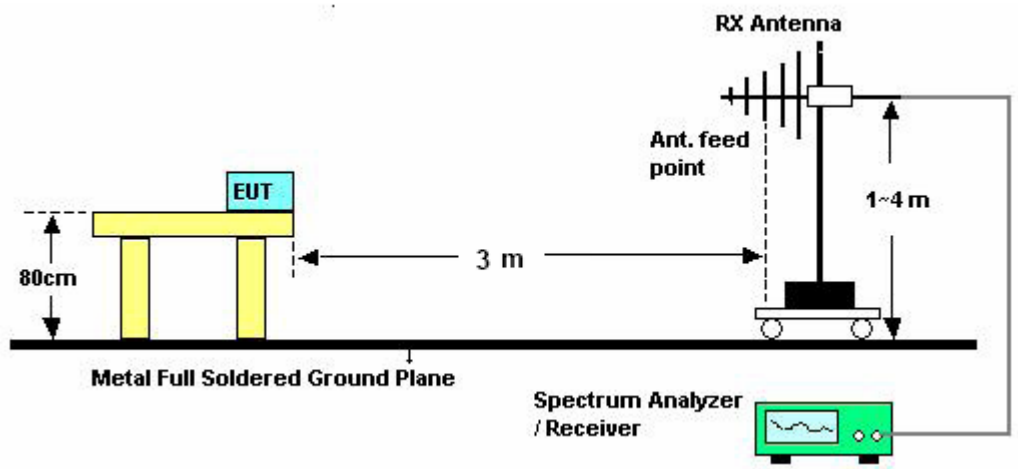
8.1 LIMITS

Frequency (MHz)	Field strength (μV/m)	Distance (m)
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

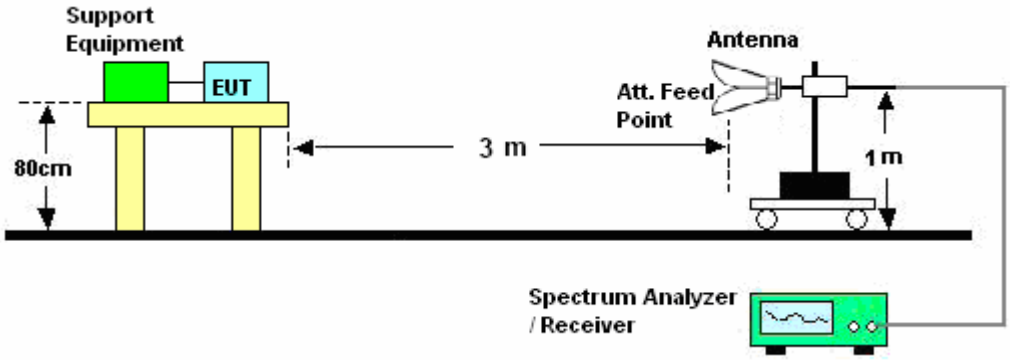
Note: the tighter limit applies at the band edges.

8.2 BLOCK DIAGRAM OF TEST SETUP

For radiated emissions from 30 - 1000MHz



For radiated emissions above 1GHz



8.3 PROCEDURE

1. Configure the EUT according to ANSI C63.4. The EUT was placed on the top of the turntable 0.8meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.

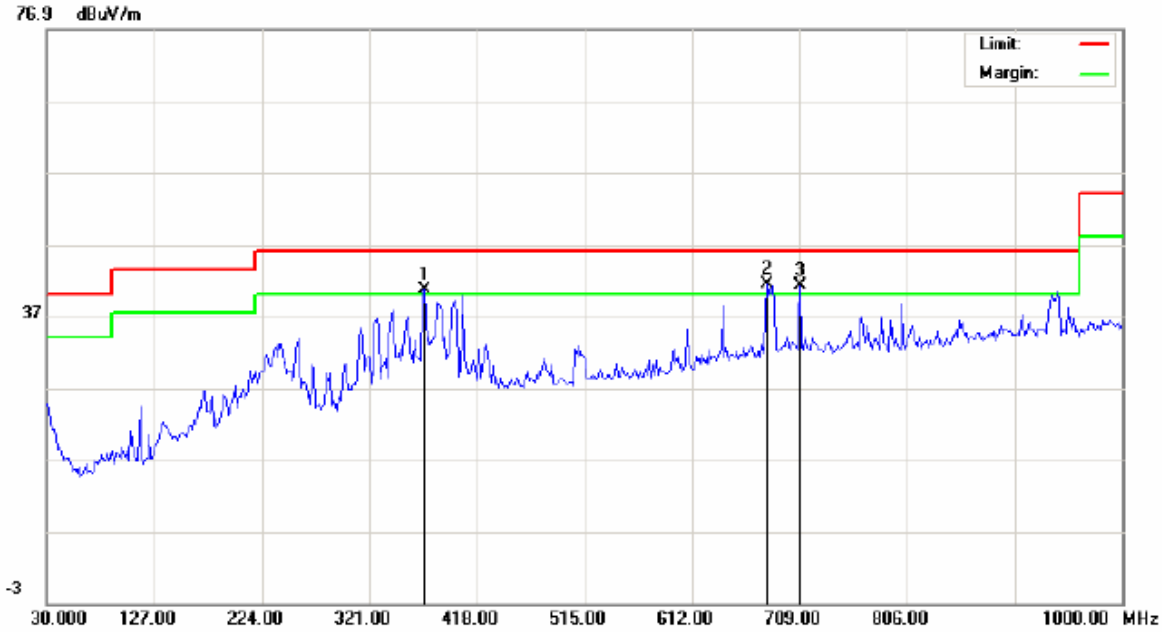
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.

3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz BW and 10Hz VBW for average reading in spectrum analyzer.
7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High – Low scan is not required in this case.

8.4 TEST RESULT OF RADIATED EMISSION TEST

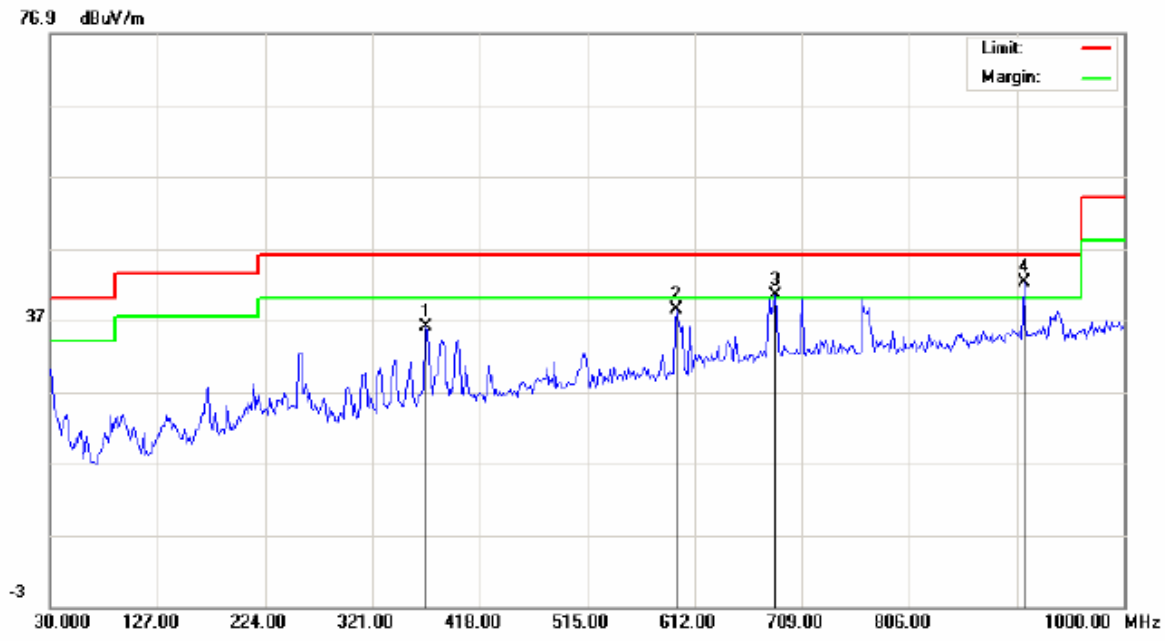
Pass

Figure 6: Test figure of Radiated emission, VGA mode, below 1GHz



Site site #1 Polarization: *Horizontal* Temperature: 23
Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60 %
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: VGA
Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	371.1167	22.66	21.01		17.99	40.65	39.00		46.00		-7.00		P	
2	679.9000	17.23	15.23		24.13	41.36	39.36		46.00		-6.64		P	
3	709.0000	16.52	15.01		24.69	41.21	39.70		46.00		-6.30		P	



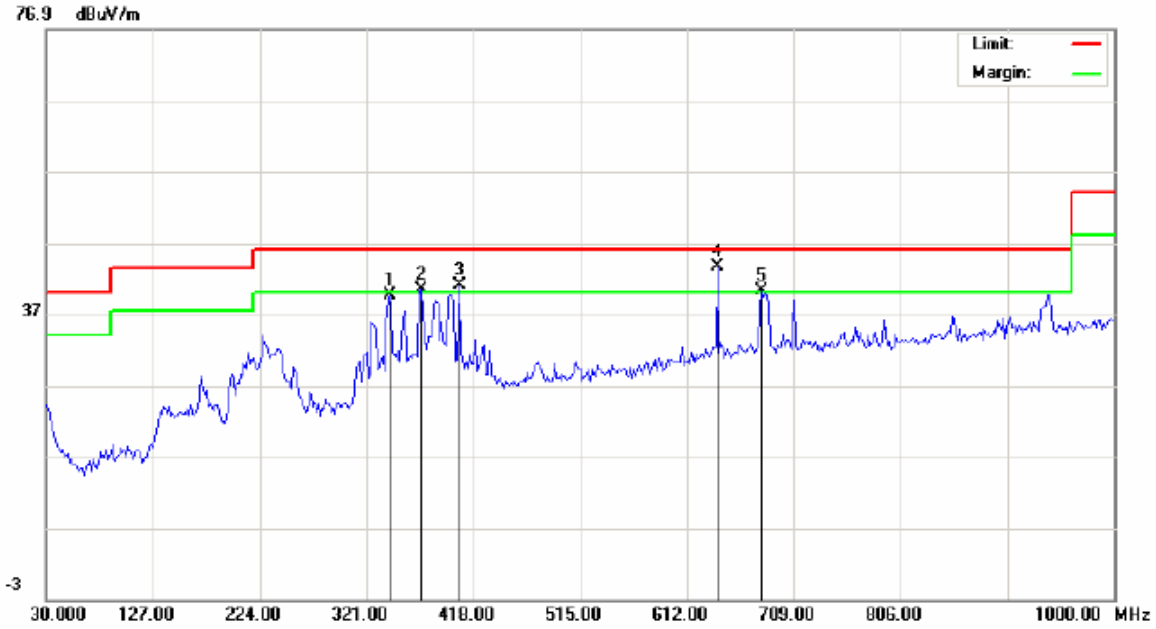
Site site #1
Limit: FCC Class B 3M Radiation
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: VGA
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 23
Humidity: 60 %

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	369.5000	18.00			17.96	35.96			46.00		-10.04		P	
2	595.8333	16.34			22.06	38.40			46.00		-7.60		P	
3	684.7500	16.13	15.00		24.28	40.41	39.28		46.00		-6.72		P	
4	909.4667	15.47	13.02		26.75	42.22	39.77		46.00		-6.23		P	

Figure 7: Test figure of Radiated emission, AV mode, below 1GHz



Site site #1 Polarization: *Horizontal* Temperature: 23

Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60 %

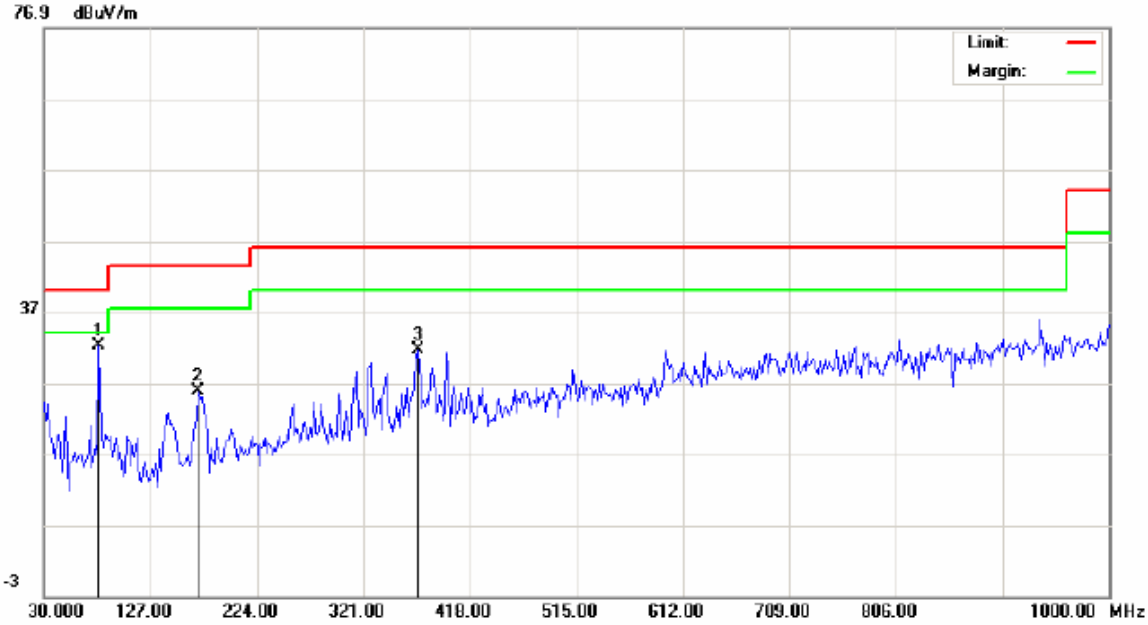
EUT: Multimedia Projector

M/N: PLC-WXU700A

Mode: AV

Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	342.0167	22.17			17.36	39.53			46.00		-6.47		P	
2	371.1167	22.46			17.99	40.45			46.00		-5.55		P	
3	405.0667	22.65			18.42	41.07			46.00		-4.93		P	
4	639.4833	20.37	18.68		23.29	43.66	41.97		46.00		-4.03		P	
5	679.9000	16.09			24.13	40.22			46.00		-5.78		P	



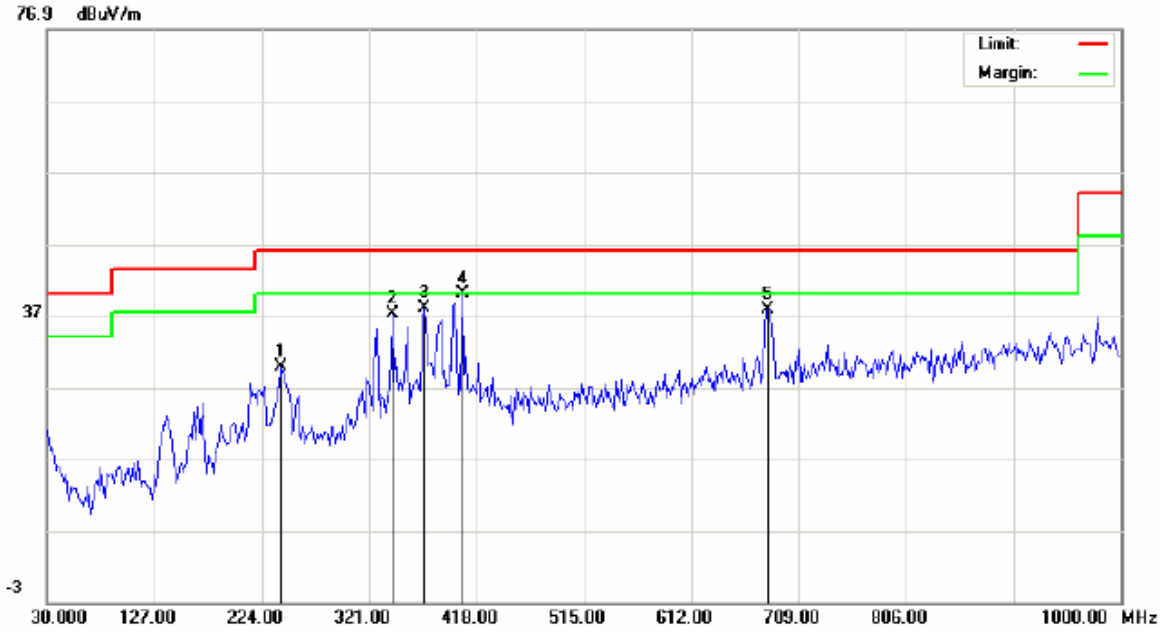
Site site #1
Limit: FCC Class B 3M Radiation
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: AV
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 23
Humidity: 60 %

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	80.1167	23.27			8.95	32.22			40.00		-7.78		P	
2	170.6500	14.59			11.26	25.85			43.50		-17.65		P	
3	371.1167	13.64			17.99	31.63			46.00		-14.37		P	

Figure 8: Test figure of Radiated emission, HDMI mode, below 1GHz



Site site #1 Polarization: *Horizontal* Temperature: 23

Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60 %

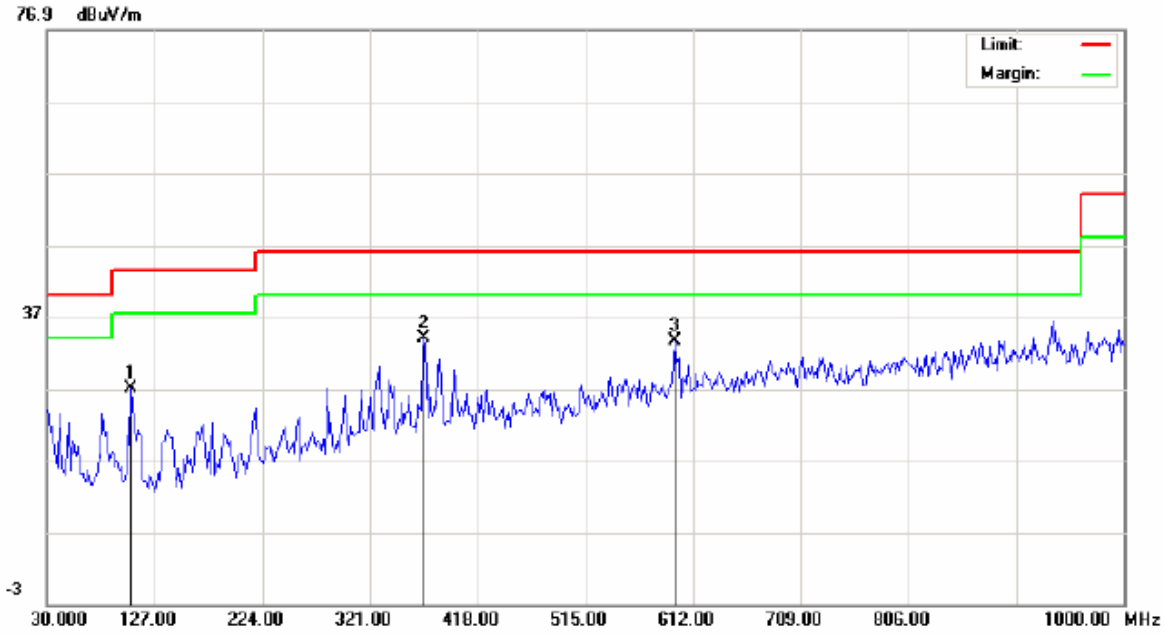
EUT: Multimedia Projector

M/N: PLC-WXU700A

Mode: HDMI

Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	241.7833	16.02			13.84	29.86			46.00		-16.14		P	
2	342.0167	19.94			17.36	37.30			46.00		-8.70		P	
3	371.1167	19.95			17.99	37.94			46.00		-8.06		P	
4	405.0667	21.56			18.42	39.98			46.00		-6.02		P	
5	681.5167	13.61			24.18	37.79			46.00		-8.21		P	



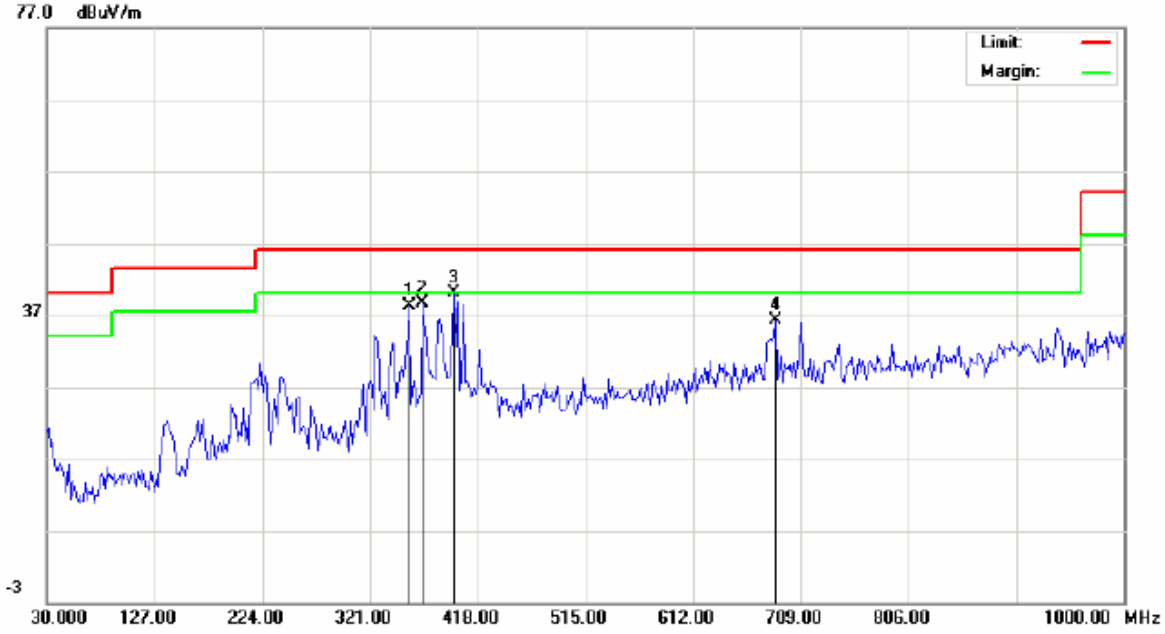
Site site #1
Limit: FCC Class B 3M Radiation
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: HDMI
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 23
Humidity: 60 %

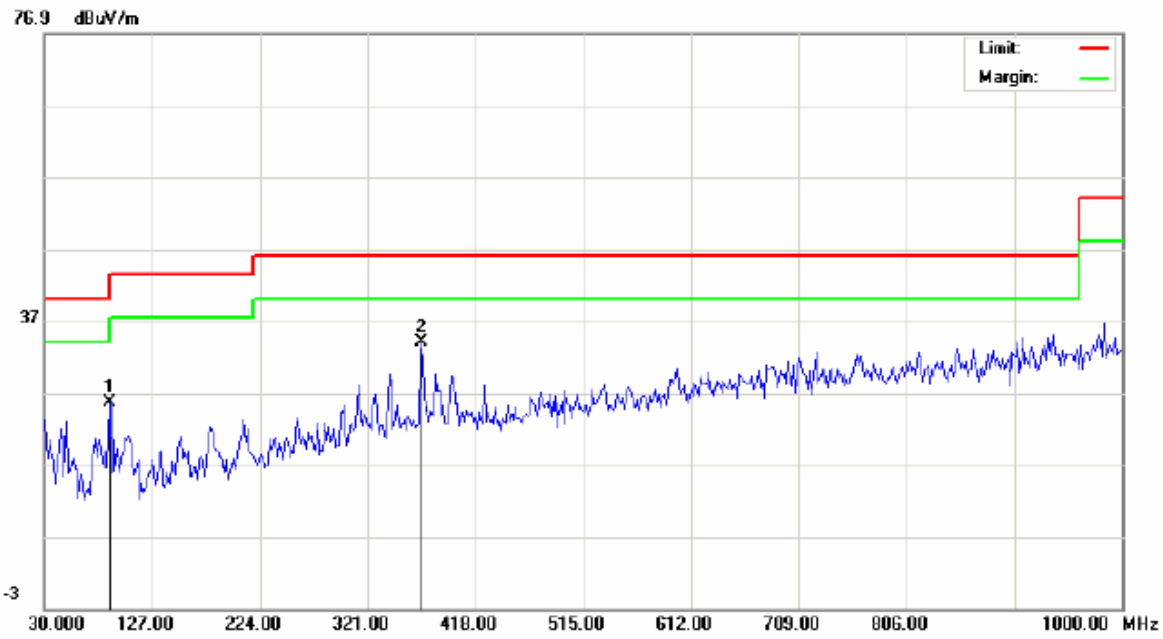
No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	105.9833	17.00			10.03	27.03			43.50		-16.47		P	
2	369.5000	16.05			17.96	34.01			46.00		-11.99		P	
3	595.8333	11.59			22.06	33.65			46.00		-12.35		P	

Figure 9: Test figure of Radiated emission, S-video mode, below 1GHz



Site site #1 Polarization: *Horizontal* Temperature: 23
Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60 %
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: S
Note:

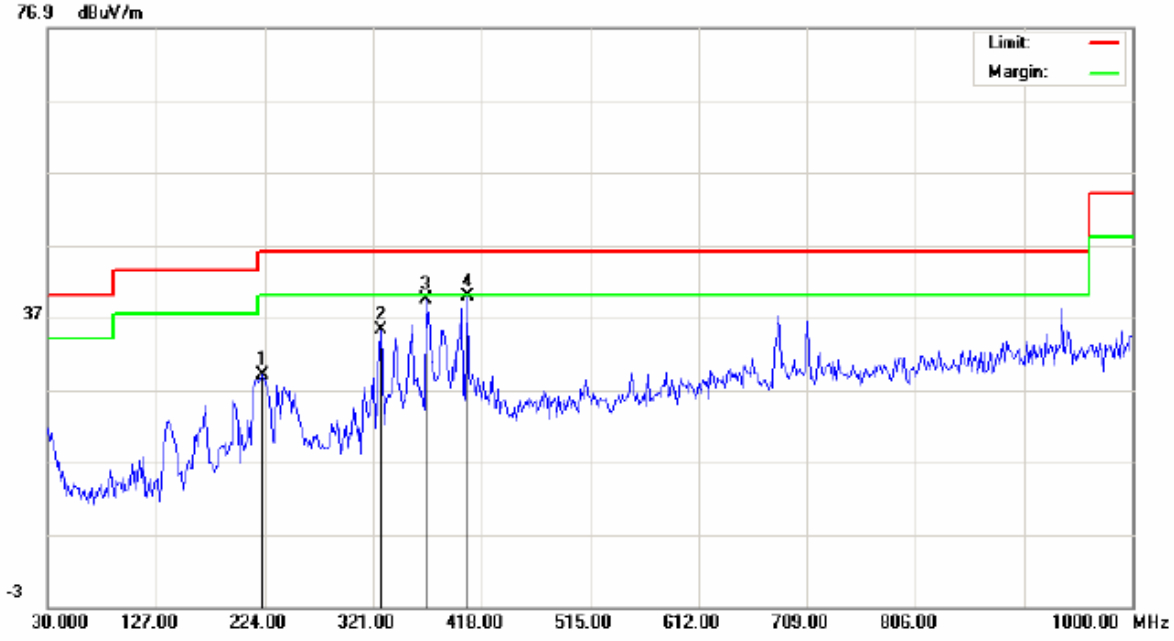
No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	356.5667	20.55			17.72	38.27			46.00		-7.73		P	
2	367.8833	20.77			17.93	38.70			46.00		-7.30		P	
3	396.9833	21.73	18.65		18.35	40.08	37.00		46.00		-9.00		P	
4	686.3667	11.94			24.33	36.27			46.00		-9.73		P	



Site site #1
Polarization: *Vertical*
Temperature: 23
Limit: FCC Class B 3M Radiation
Power: AC 120V/60Hz
Humidity: 60 %
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: S
Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	88.2000	15.78			9.79	25.57			43.50		-17.93		P	
2	369.5000	15.96			17.96	33.92			46.00		-12.08		P	

Figure 10: Test figure of Radiated emission, LAN mode, below 1GHz



Site site #1 Polarization: *Horizontal* Temperature: 23

Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60 %

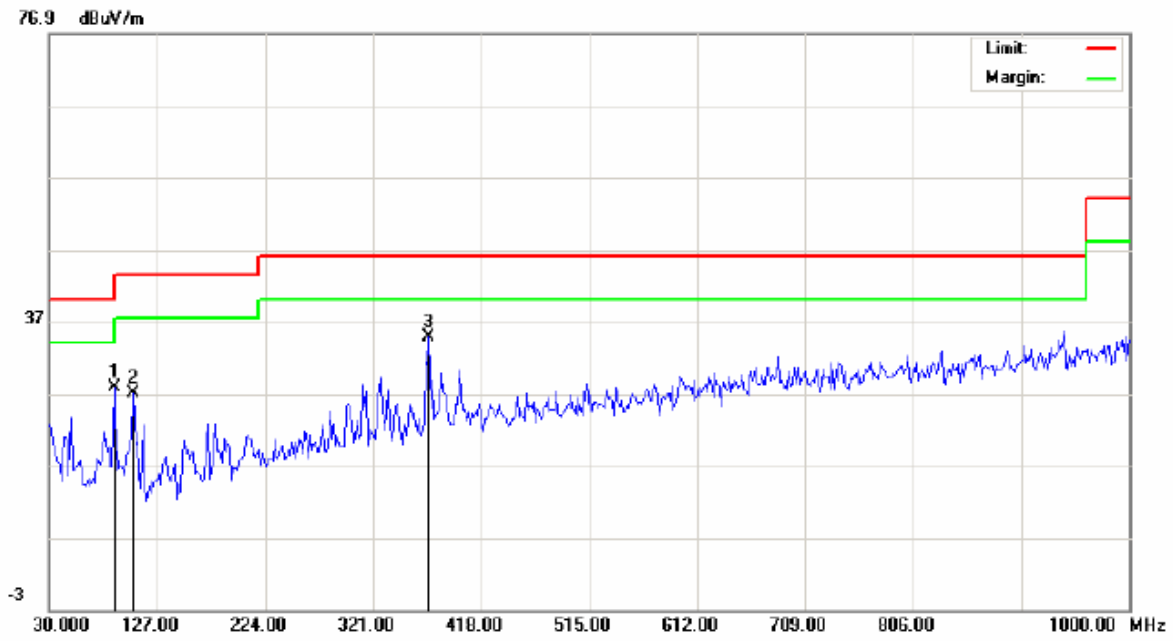
EUT: Multimedia Projector

M/N: PLC-WXU700A

Mode: LAN

Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	222.3833	15.97			13.08	29.05			46.00		-16.95		P	
2	327.4667	18.23			16.93	35.16			46.00		-10.84		P	
3	367.8833	21.38			17.93	39.31			46.00		-6.69		P	
4	405.0667	21.48			18.42	39.90			46.00		-6.10		P	



Site site #1
Limit: FCC Class B 3M Radiation
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: LAN
Note:

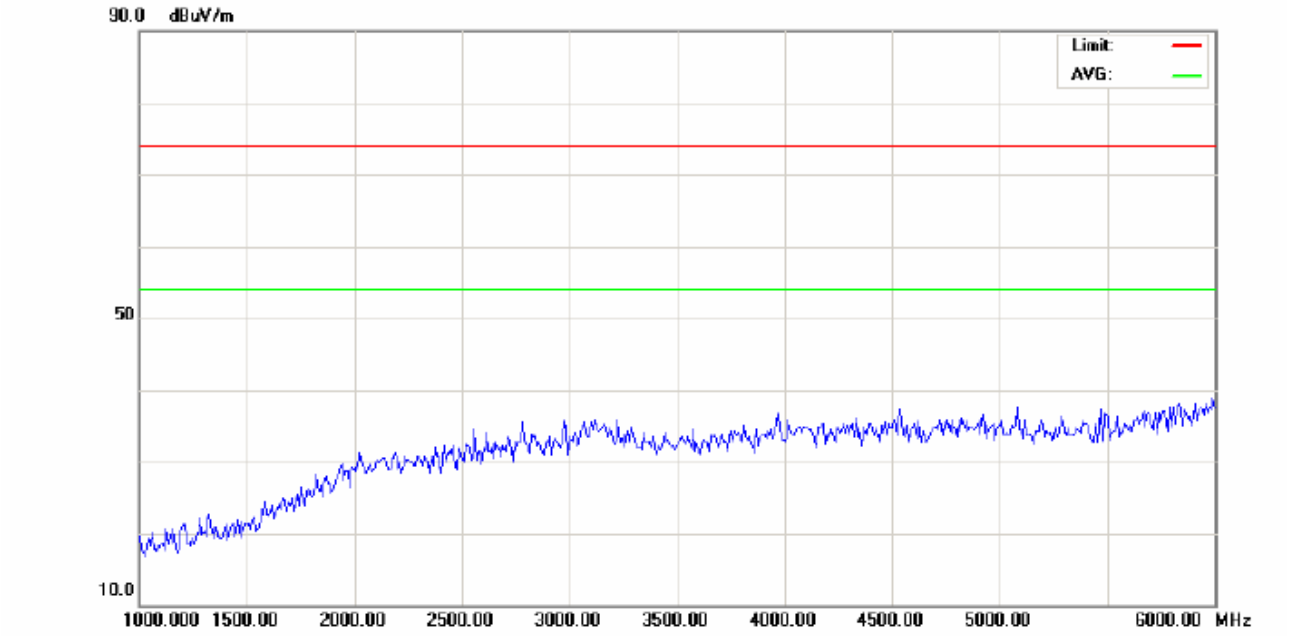
Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 23
Humidity: 60 %

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	88.2000	18.03			9.79	27.82			43.50		-15.68		P	
2	105.9833	16.89			10.03	26.92			43.50		-16.58		P	
3	371.1167	16.84			17.99	34.83			46.00		-11.17		P	

According to test data, all radiated emission at VGA, AV, HDMI, S-video and LAN mode are almost the same above 1GHz, and the test data of VGA mode was worst, so it was chosen as representative for the test.

Figure 11: Test figure of Radiated emission, VGA mode, above 1GHz

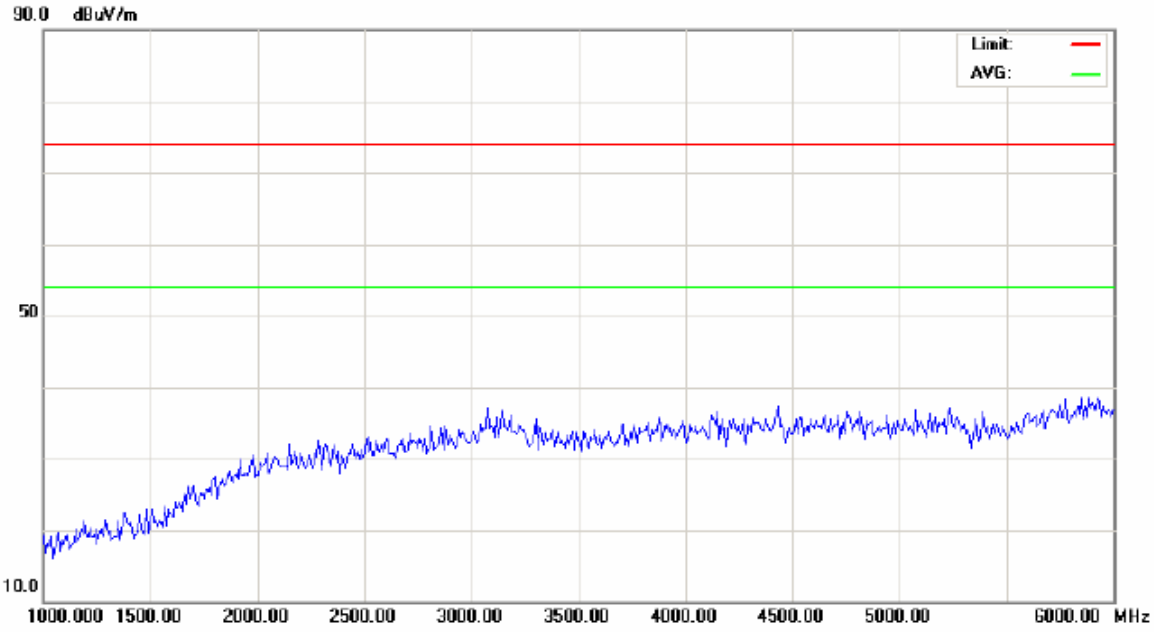


Site site #1 Polarization: *Horizontal* Temperature: 23
Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60 %
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: VGA
Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment

Remark:

There are no signals found above 6GHz, so the graphs and data above 6GHz are not recorded.



Site site #1 Polarization: *Vertical* Temperature: 23
Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60 %
EUT: Multimedia Projector
M/N: PLC-WXU700A
Mode: VGA
Note:

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment

Remark:

There are no signals found above 6GHz, so the graphs and data above 6GHz are not recorded.

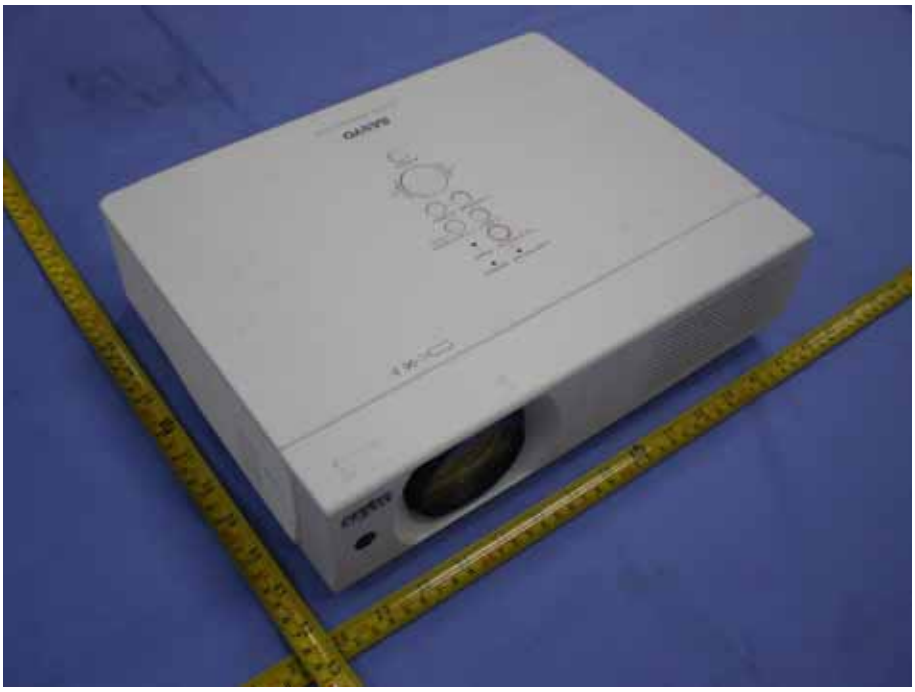
APPENDIX 1 PHOTOGRAPHS OF TEST SETUP

TEST SETUP OF CONDUCTED EMISSION

TEST SETUP OF RADIATED EMISSION (30MHz-1GHz)

TEST SETUP OF RADIATED EMISSION (above 1GHz)

APPENDIX 2 EXTERNAL PHOTOGRAPHS OF EUT



View of EUT-1

View of EUT-2

View of EUT-3

View of EUT-4

View of EUT-5

View of EUT-6

APPENDIX 3 INTERNAL PHOTOGRAPHS OF EUT

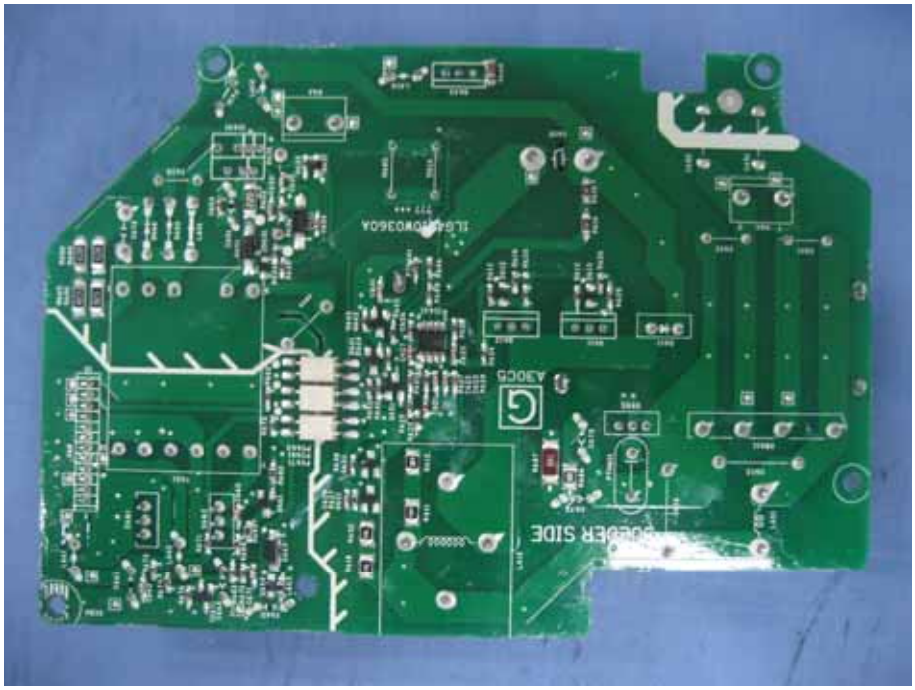
Internal View of EUT-1

Internal View of EUT-2

Internal View of EUT-3

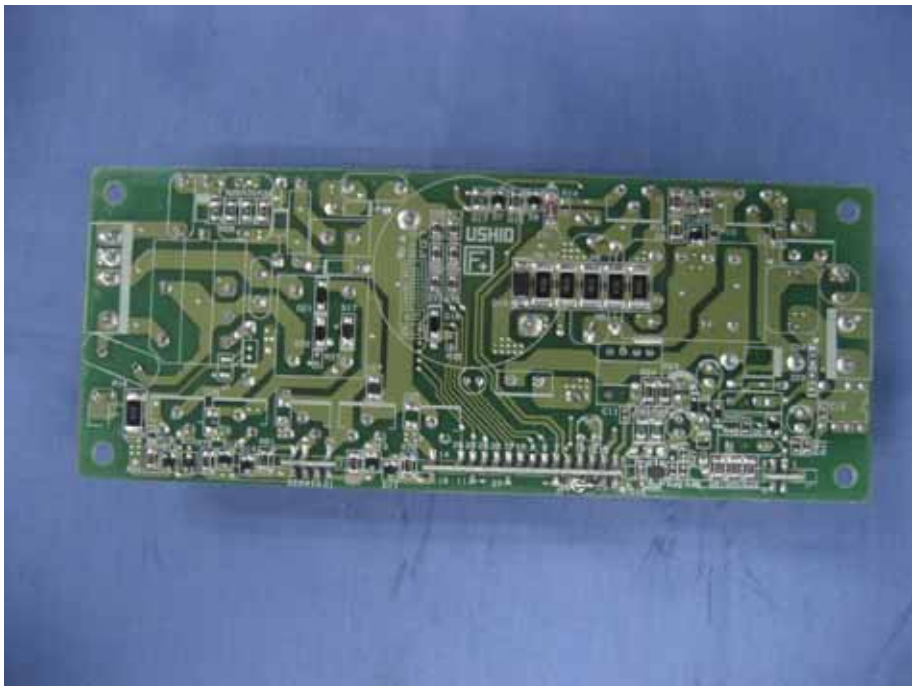
Internal View of EUT-4

Internal View of EUT-5



Internal View of EUT-6

Internal View of EUT-7



Internal View of EUT-8

Internal View of EUT-9

Internal View of EUT-9

------- End of report -------