

FCC CLASS B CONFORMITY REPORT

Product Name : Multimedia Projector
Model Number : CRP221,CRP261
Trade Name : ELMO
FCC ID : WS310KR8JC00
Report Number : SZEE100806298701-1
Date : Aug. 17, 2010

Standards	Results
<input checked="" type="checkbox"/> FCC Part 15: 2009	PASS

Prepared for:

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Prepared by:

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CENTRE TESTING INTERNATIONAL CORPORATION

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

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<i>(Note: N/A means not applicable)</i>	

1. CERTIFICATION OF CONFORMITY

Applicant & Address: Dongguan Huaqiang SANYO Electronics Co., Ltd
Hong Ye Industry Area, Tang Xia Town, Dongguan,
Guangdong

Manufacturer & Address: SANYO ELECTRIC CO LTD
1-1 SANYO-CHO DAITO-SHI, OSAKA 574-8534 JAPAN

Type of Test: FCC Part 15 SUBPART B

FCC ID: WS310KR8JC00

Equipment Under Test: Multimedia Projector

Model Name: CRP221,CRP261

Technical Date: AC 100-240V, 3.6A-2.0A, 50/60Hz

Serial Number: N/A

Date of test: Aug. 06, 2010 to Aug. 18, 2010

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 :


Saky Yan

Reviewed by :


Louisa Lu

Approved by :


Lily Yan
Supervisor

Date

Aug. 18, 2010



2. TEST SUMMARY

The EUT has been tested according to the following specifications:

EMISSION			
Standard	Test Type	Result	Remark
FCC Part 15	Conducted emission at AC power port	PASS	See clause 6 in this report
	Radiated emission	PASS	See clause 7 in this report

The models of Multimedia Projector are CRP221 and CRP261, The electrical circuit design, layout, components used and internal wiring for above models are identical, only the brightness of lamp, their model number and the label are different. The test model is CRP261, and all the test results are applicable to the others.

Label: CRP221-ELMO The brightness of lamp: CRP221-2200 lm
 CRP261- ELMO CRP261- 2600 lm

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.

Test item	Value (dB)
CE	2.6
RE	4.4

4. FACILITIES AND ACCREDITATIONS

4.1 TEST FACILITY

Centre Testing International Corporation

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

4.2 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

Shielding Room No. 1 - CE Test				
Equipment	Manufacturer	Model	Serial No.	Due Date
Receiver	R&S	ESCI	100435	08/20/2011
LISN	R&S	ENV216	00051952	07/21/2011

3M Semi-anechoic Chamber - RE Test				
Equipment	Manufacturer	Model	Serial No.	Due Date
3M Chamber & Accessory Equipment	ETS-LINDGREN	FACT-3	3510	10/16/2011
Spectrum Analyzer	Agilent	E4440A	MY46185649	04/09/2011
Biconilog Antenna	ETS-LINGREN	3142C	00044562	07/31/2011
Horn Antenna	ETS-LINDGREN	3117	00057407	09/11/2011
Microwave Preamplifier	Agilent	8449B	3008A02425	08/20/2011
Multi device Controller	ETS-LINGREN	2090	00057230	08/20/2011

4.3 LABORATORY ACCREDITATIONS AND LISTINGS

The measuring equipment utilized to perform the tests documented in this report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable under the ISO/IEC/EN 17025 to international or national standards. Equipment has been calibrated by accredited calibration laboratories.

5. SETUP OF EQUIPMENT UNDER TEST

5.1 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.

5.2 SUPPORT EQUIPMENT

Table 2: Test Auxiliary Equipments

No.	Device Type	Brand	Model	Series No.	Data Cable	Power Cord
1.	PC	IBM	8143	BD-241	N/A	Un-shielded1.2M
2.	Monitor	Lenovo	SY2	SS161118X6	Un-shielded1M	Un-shielded1 M
3.	Mouse	IBM	M028UOL	23-468157	Un-shielded1.2M	N/A
4.	Keyboard	IBM	89P8300	02284699	Un-shielded1.2M	N/A

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.

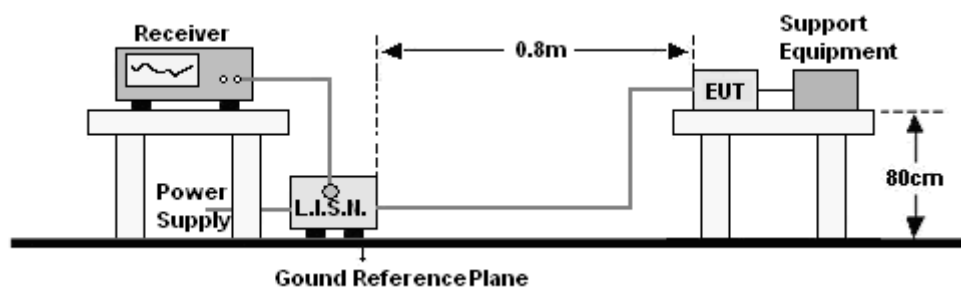
6. AC POWER LINE CONDUCTED EMISSIONS MEASUREMENT

6.1 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.

6.2 BLOCK DIAGRAM OF TEST SETUP

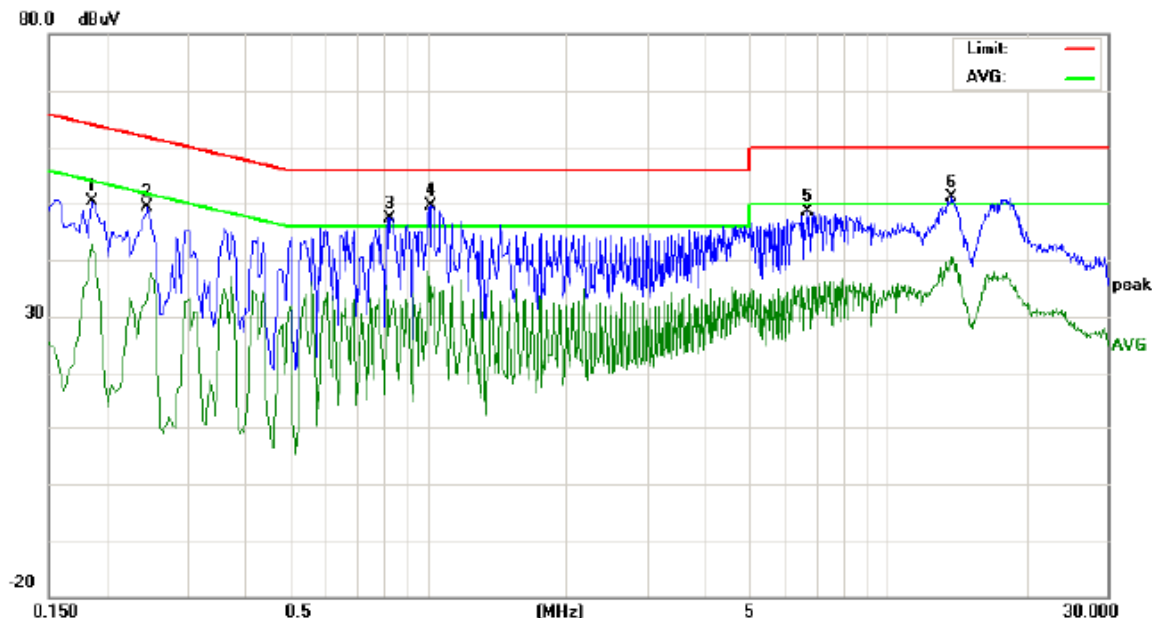


6.3 TEST PROCEDURE

- The EUT was placed on a nonconductive table 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.).
- 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.
- For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

6.4 TEST RESULT

L:



Site: site #1

Phase: L1

Temperature: 24

Limit: FCC Class B Conduction (QP)

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Multimedia Projector

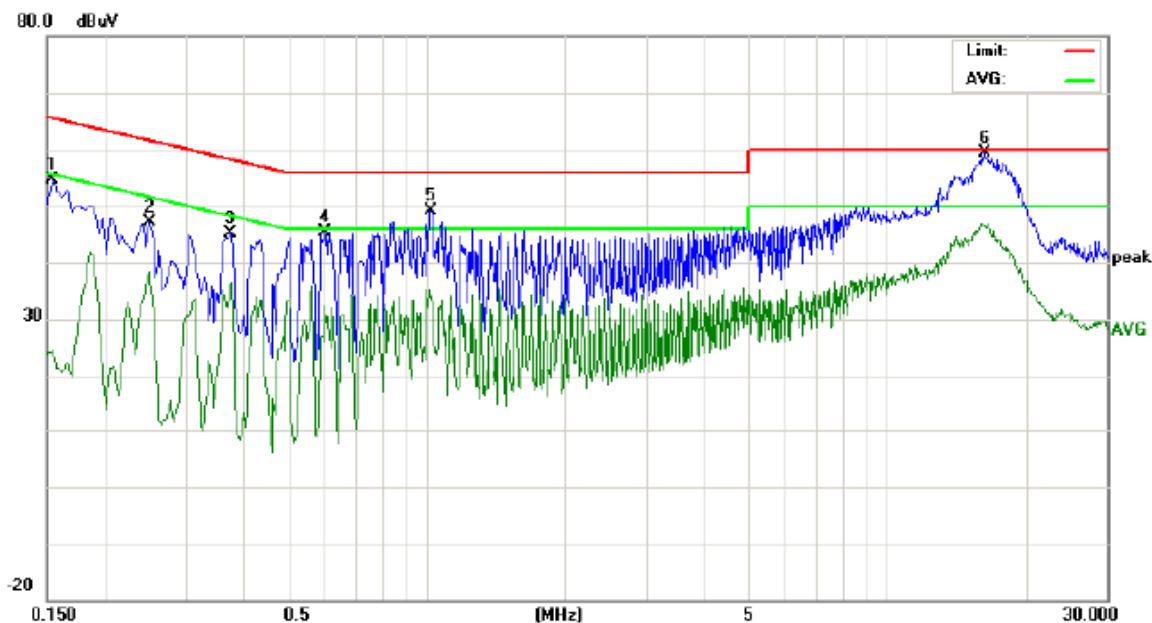
M/N: CRP261

Mode: VGA

Note: Computer 1

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB		Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG			peak	QP	AVG			QP	AVG		
1	0.1860	40.63		33.05	9.80		50.43		42.85	64.21	54.21	-13.78	-11.36	P	
2	0.2460	39.60		23.74	9.81		49.41		33.55	61.89	51.89	-12.48	-18.34	P	
3	0.8300	37.63		19.40	9.85		47.48		29.25	56.00	46.00	-8.52	-16.75	P	
4	1.0180	39.73		25.58	9.86		49.59		35.44	56.00	46.00	-6.41	-10.56	P	
5	6.6980	38.49		25.43	10.06		48.55		35.49	60.00	50.00	-11.45	-14.51	P	
6	13.8340	40.97		30.49	10.07		51.04		40.56	60.00	50.00	-8.96	-9.44	P	

N:



Site site #1

Phase: **N**

Temperature: 24

Limit: FCC Class B Conduction (QP)

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Multimedia Projector

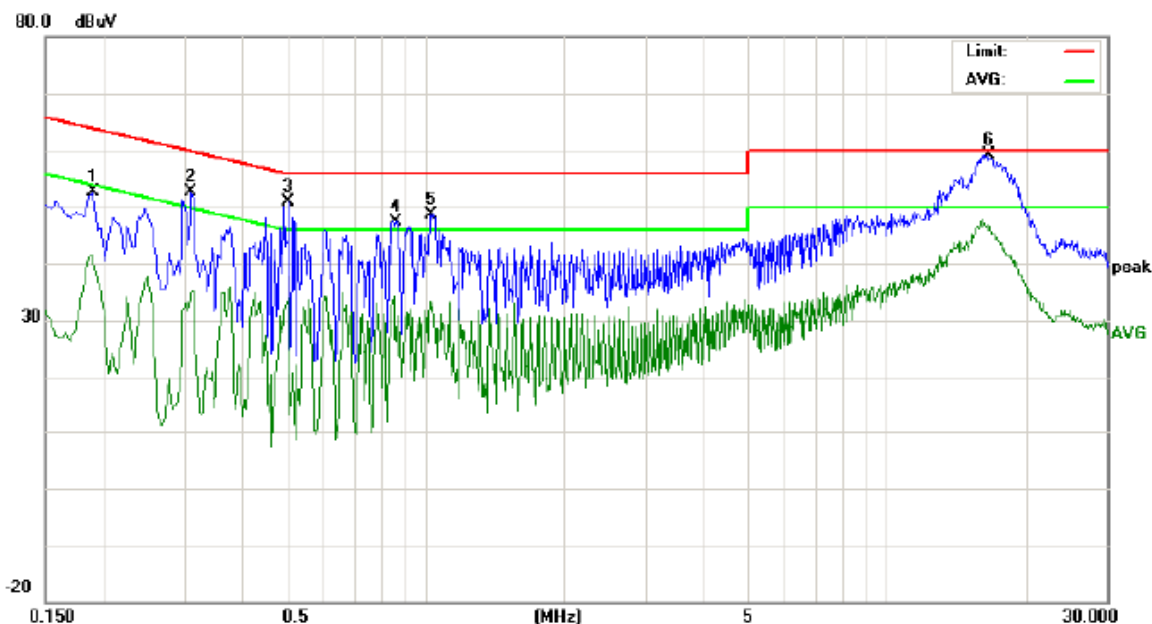
M/N: CRP261

Mode: VGA

Note: Computer 1

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	0.1539	44.80		14.52	9.79	54.59		24.31	65.78	55.78	-11.19	-31.47	P	
2	0.2500	37.24		28.54	9.81	47.05		38.35	61.75	51.75	-14.70	-13.40	P	
3	0.3740	35.37		25.49	9.81	45.18		35.30	58.41	48.41	-13.23	-13.11	P	
4	0.6020	35.65		22.52	9.83	45.48		32.35	56.00	46.00	-10.52	-13.65	P	
5	1.0260	39.30		24.29	9.86	49.16		34.15	56.00	46.00	-6.84	-11.85	P	
6	16.2700	49.41	44.85	36.02	10.06	59.47	54.91	46.08	60.00	50.00	-5.09	-3.92	P	

L:



Site site #1

Phase: L1

Temperature: 24

Limit: FCC Class B Conduction (QP)

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Multimedia Projector

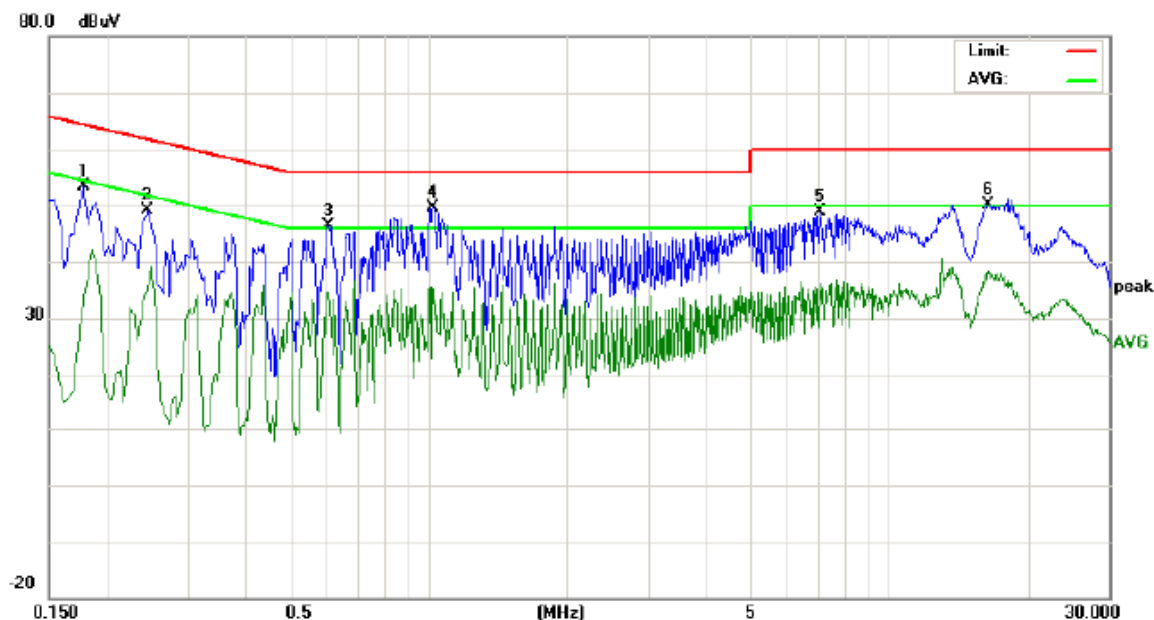
M/N: CRP261

Mode: VGA

Note: Computer 2

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	0.1900	42.71		31.67	9.81	52.52		41.48	64.03	54.03	-11.51	-12.55	P	
2	0.3100	42.75		25.17	9.81	52.56		34.98	59.97	49.97	-7.41	-14.99	P	
3	0.5060	40.98		18.08	9.81	50.79		27.89	56.00	46.00	-5.21	-18.11	P	
4	0.8660	37.62		18.93	9.85	47.47		28.78	56.00	46.00	-8.53	-17.22	P	
5	1.0300	38.84		21.82	9.86	48.70		31.68	56.00	46.00	-7.30	-14.32	P	
6	16.7099	49.11	45.17	36.66	10.07	59.18	55.24	46.73	60.00	50.00	-4.76	-3.27	P	

N:



Site site #1

Phase: N

Temperature: 24

Limit: FCC Class B Conduction (QP)

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Multimedia Projector

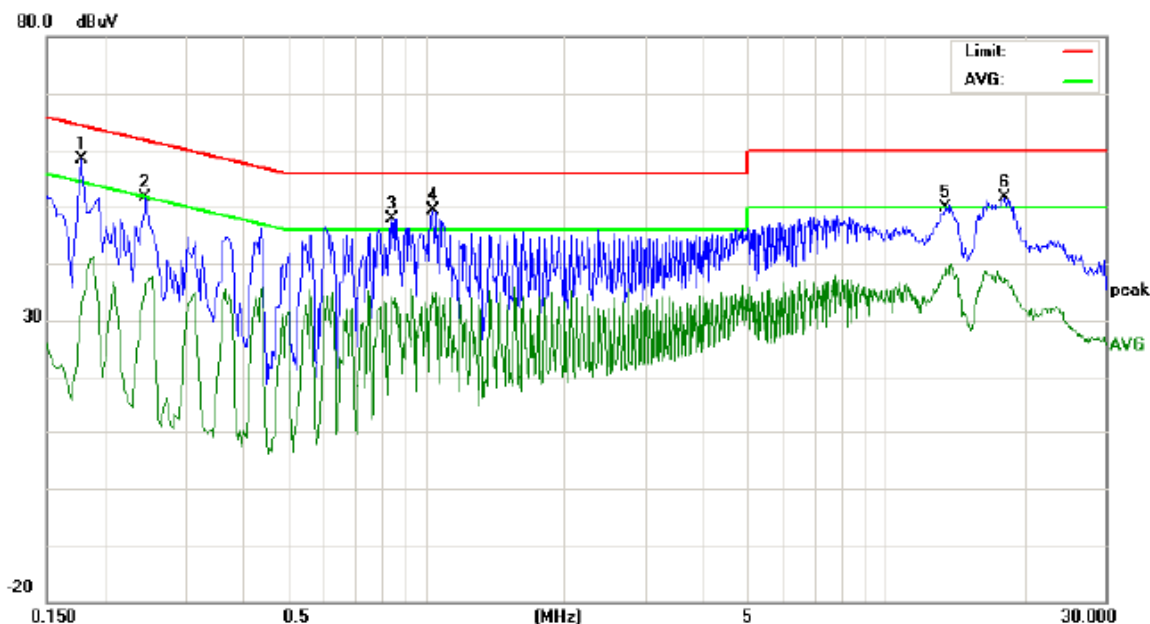
M/N: CRP261

Mode: VGA

Note: Computer 2

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor		Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG			peak	QP	AVG	QP	AVG	QP	AVG		
1	0.1780	43.45		22.85	9.80		53.25		32.65	64.57	54.57	-11.32	-21.92	P	
2	0.2460	39.19		25.59	9.81		49.00		35.40	61.89	51.89	-12.89	-16.49	P	
3	0.6060	36.52		24.71	9.83		46.35		34.54	56.00	46.00	-9.65	-11.46	P	
4	1.0260	39.82		25.19	9.86		49.68		35.05	56.00	46.00	-6.32	-10.95	P	
5	7.0740	38.69		25.96	10.07		48.76		36.03	60.00	50.00	-11.24	-13.97	P	
6	16.4580	40.09		28.33	10.06		50.15		38.39	60.00	50.00	-9.85	-11.61	P	

L:



Site site #1

Phase: **L1**

Temperature: 24

Limit: FCC Class B Conduction (QP)

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Multimedia Projector

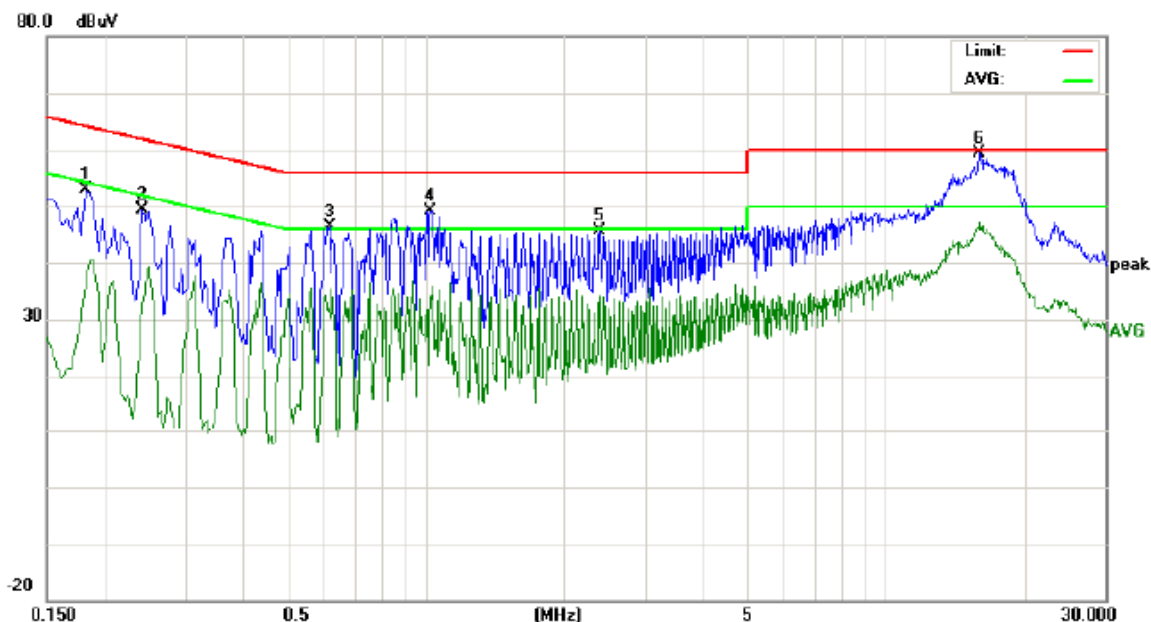
M/N: CRP261

Mode: Network

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	0.1780	48.53		22.28	9.80	58.33		32.08	64.57	54.57	-6.24	-22.49	P	
2	0.2460	41.77		26.44	9.81	51.58		36.25	61.89	51.89	-10.31	-15.64	P	
3	0.8460	38.03		24.26	9.85	47.88		34.11	56.00	46.00	-8.12	-11.89	P	
4	1.0420	39.59		25.07	9.86	49.45		34.93	56.00	46.00	-6.55	-11.07	P	
5	13.2180	38.77		26.32	10.09	48.86		36.41	60.00	50.00	-11.14	-13.59	P	
6	18.1100	41.49		27.40	10.10	51.59		37.50	60.00	50.00	-8.41	-12.50	P	

N:



Site site #1

Phase: N

Temperature: 24

Limit: FCC Class B Conduction (QP)

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Multimedia Projector

M/N: CRP261

Mode: Network

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	0.1819	43.04		26.05	9.80	52.84		35.85	64.39	54.39	-11.55	-18.54	P	
2	0.2420	39.44		22.46	9.81	49.25		32.27	62.02	52.02	-12.77	-19.75	P	
3	0.6180	36.51		20.85	9.83	46.34		30.68	56.00	46.00	-9.66	-15.32	P	
4	1.0260	39.37		22.80	9.86	49.23		32.66	56.00	46.00	-6.77	-13.34	P	
5	2.3860	35.78		24.15	9.91	45.69		34.06	56.00	46.00	-10.31	-11.94	P	
6	15.9220	49.39	43.95	35.32	10.05	59.44	54.00	45.37	60.00	50.00	-6.00	-4.63	P	

7. RADIATED EMISSION TEST

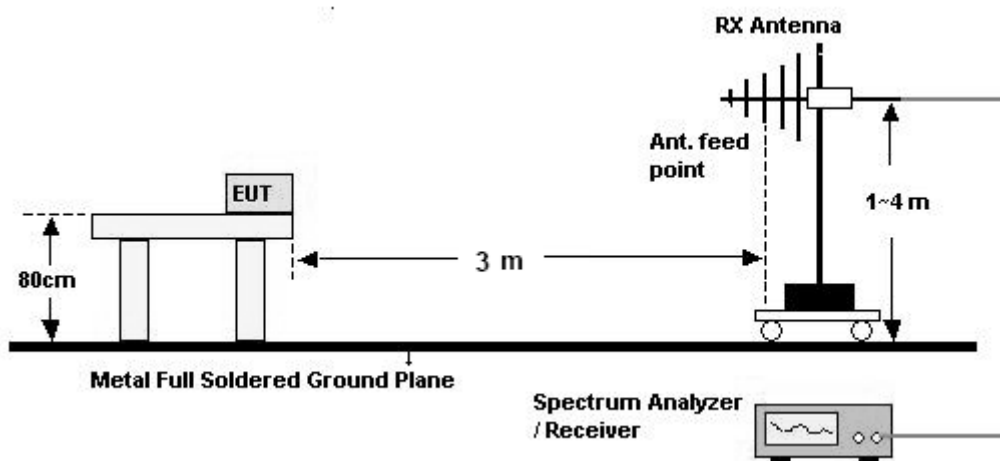
7.1 LIMITS

Frequency (MHz)	Field strength ($\mu\text{V/m}$)	Distance (m)
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

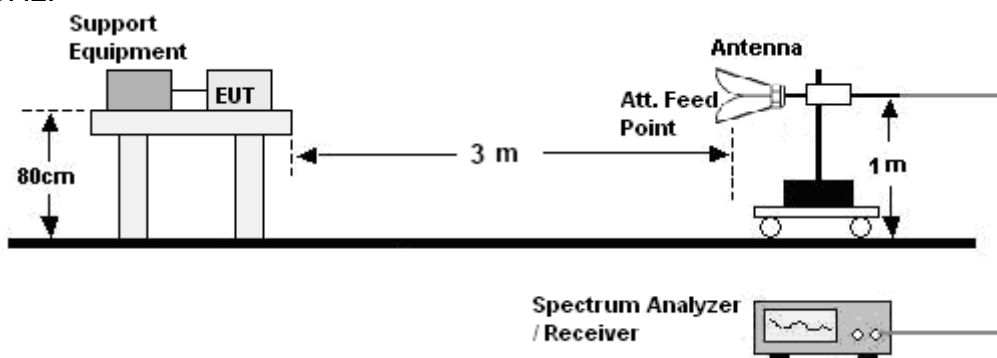
Note: the tighter limit applies at the band edges.

7.2 BLOCK DIAGRAM OF TEST SETUP

For radiated emissions from 30 - 1000MHz



Above 1GHz:



7.3 PROCEDURE

30MHz ~ 1GHz:

- a. The EUT was placed on the non-conductive turntable above the ground at a chamber.
- b. Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 120 kHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied between 1~4 m in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- c. For each frequency whose maximum record was higher or close to limit, measure its QP value: vary the antenna's height and rotate the turntable from 0 to 360 degrees to find the height and degree where EUT radiated the maximum emission, then set the test frequency analyzer/receiver to QP Detector and specified bandwidth with Maximum Hold Mode, and record the maximum value.

Above 1GHz:

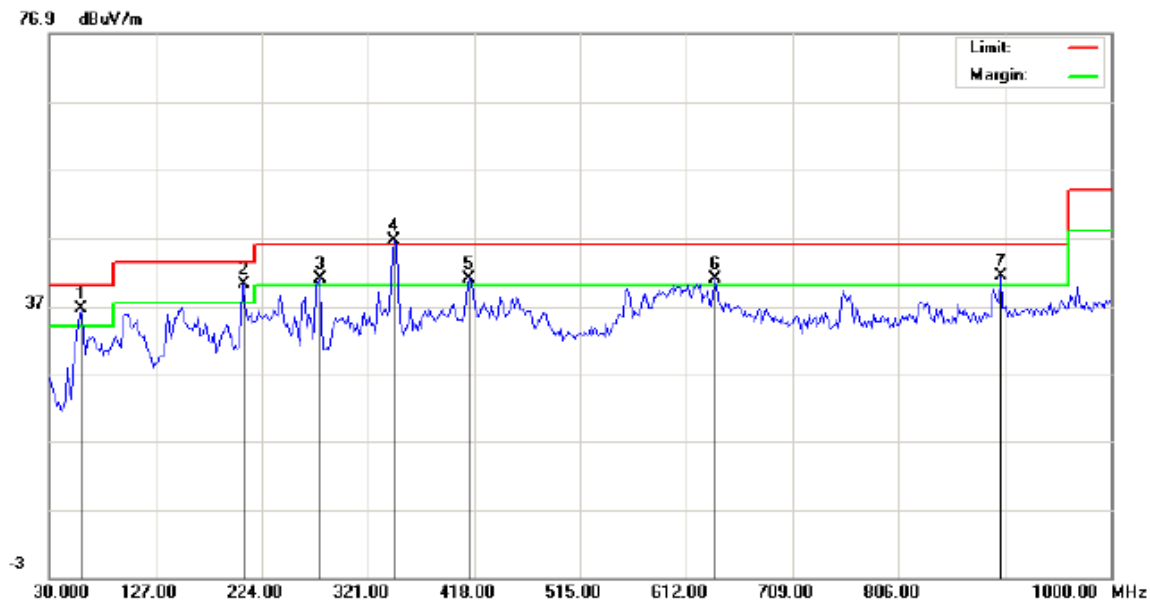
- a. The EUT was placed on the non-conductive turntable above the ground at a chamber.
- b. Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 1MHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- c. For each frequency whose maximum record was higher or close to limit, measure its AV value: rotate the turntable from 0 to 360 degrees to find the degree where EUT radiated the maximum emission, then set the test frequency analyzer/receiver to AV value and specified bandwidth with Maximum Hold Mode, and record the maximum value.

7.4 TEST RESULT OF RADIATED EMISSION TEST

Pass

For 30MHz ~ 1GHz:

H:



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

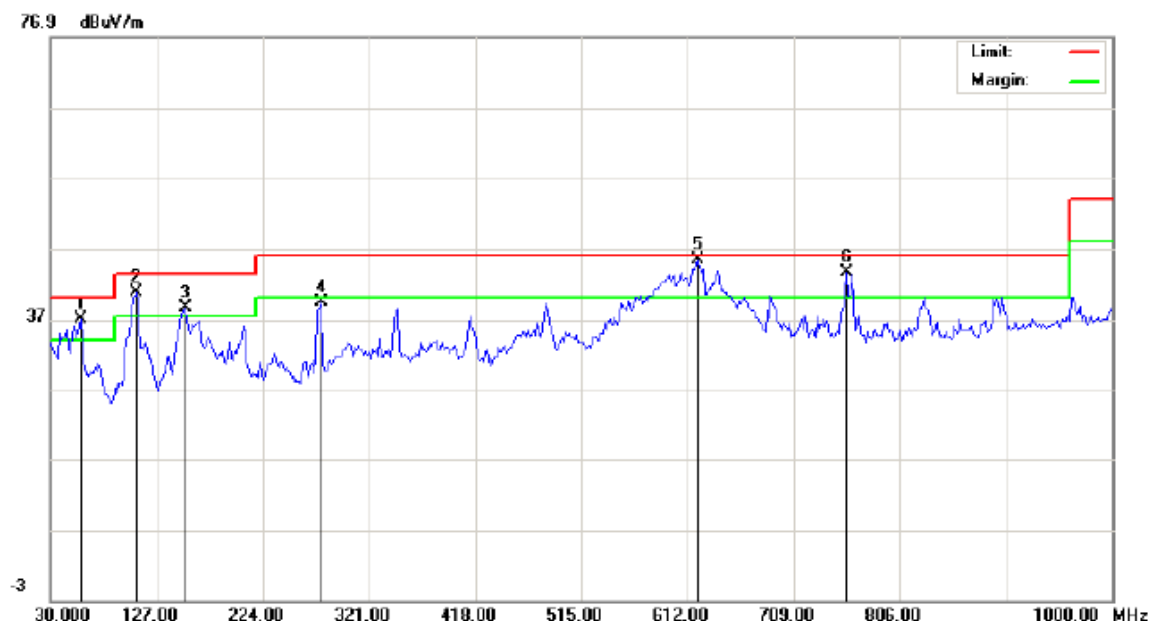
M/N: CRP261

Mode: Computer 1

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	59.1000	28.12	27.41		8.42	36.54	35.83		40.00		-4.17		P	
2	207.8333	28.05	27.56		12.15	40.20	39.71		43.50		-3.79		P	
3	277.3500	26.05			14.93	40.98			46.00		-5.02		P	
4	345.2500	29.70	27.20		16.99	46.69	44.19		46.00		-1.81		P	
5	413.1499	22.45			18.59	41.04			46.00		-4.96		P	
6	637.8667	17.92			23.16	41.08			46.00		-4.92		P	
7	899.7667	14.67			26.65	41.32			46.00		-4.68		P	

V:



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

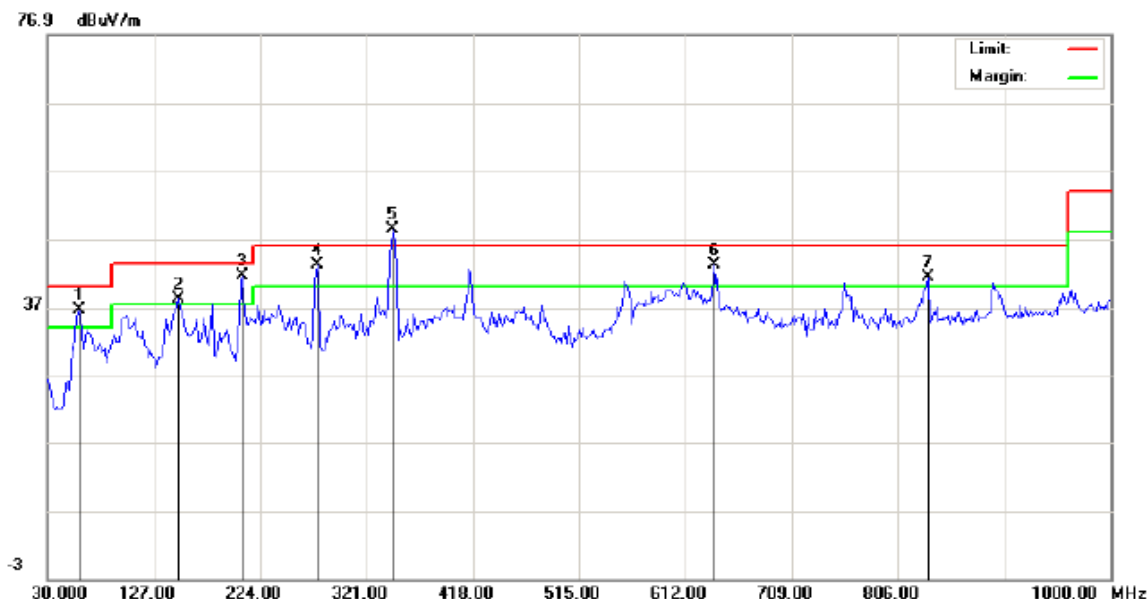
M/N: CRP261

Mode: Computer 1

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	57.4833	28.37	27.40		8.54	36.91	35.94		40.00		-4.06		P	
2	107.6000	30.91	28.51		9.92	40.83	38.43		43.50		-5.07		P	
3	152.8667	27.84			10.74	38.58			43.50		-4.92		P	
4	277.3500	24.43			14.93	39.36			46.00		-6.64		P	
5	621.7000	22.75	20.84		22.74	45.49	43.58		46.00		-2.42		P	
6	757.5000	18.64	17.27		24.95	43.59	42.22		46.00		-3.78		P	

H:



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

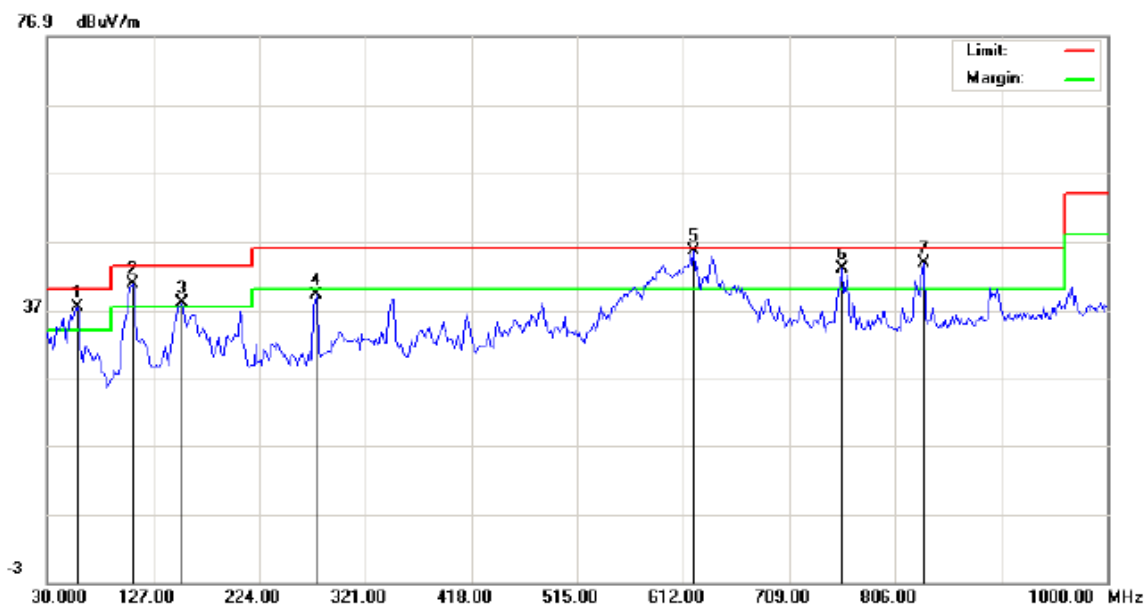
M/N: CRP261

Mode: Computer 2

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	59.1000	28.09	27.42		8.42	36.51	35.84		40.00		-4.16		P	
2	149.6332	27.62			10.50	38.12			43.50		-5.38		P	
3	207.8333	29.44	28.91		12.15	41.59	41.06		43.50		-2.44		P	
4	275.7332	28.28	27.04		14.86	43.14	41.90		46.00		-4.10		P	
5	345.2500	31.48	27.19		16.99	48.47	44.18		46.00		-1.82		P	
6	637.8667	19.99	18.53		23.16	43.15	41.69		46.00		-4.31		P	
7	833.4832	15.87			25.62	41.49			46.00		-4.51		P	

V:



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

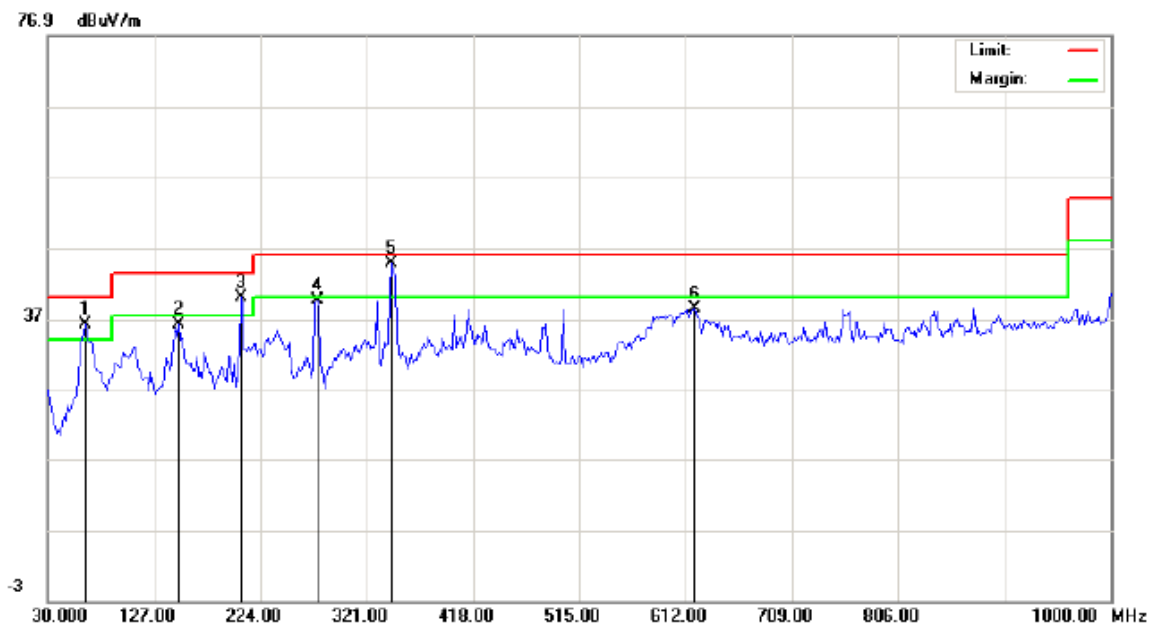
M/N: CRP261

Mode: Computer 2

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	57.4833	28.85	26.59		8.54	37.39	35.13		40.00		-4.87		P	
2	107.6000	30.90	27.81		9.92	40.82	37.73		43.50		-5.77		P	
3	152.8667	27.21			10.74	37.95			43.50		-5.55		P	
4	275.7333	24.35			14.86	39.21			46.00		-6.79		P	
5	621.7000	22.89	20.44		22.74	45.63	43.18		46.00		-2.82		P	
6	757.5000	17.99	16.27		24.95	42.94	41.22		46.00		-4.78		P	
7	831.8667	18.25	17.60		25.59	43.84	43.19		46.00		-2.81		P	

H:



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

M/N: CRP261

Mode: Network

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	63.9500	28.02	26.09		8.21	36.23	34.30		40.00		-5.70		P	
2	149.6332	25.76			10.50	36.26			43.50		-7.24		P	
3	206.2167	27.86	25.64		12.09	39.95	37.73		43.50		-5.77		P	
4	275.7332	24.79			14.86	39.65			46.00		-6.35		P	
5	343.6333	27.84	25.87		16.95	44.79	42.82		46.00		-3.18		P	
6	620.0833	15.79			22.70	38.49			46.00		-7.51		P	

V:



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

M/N: CRP261

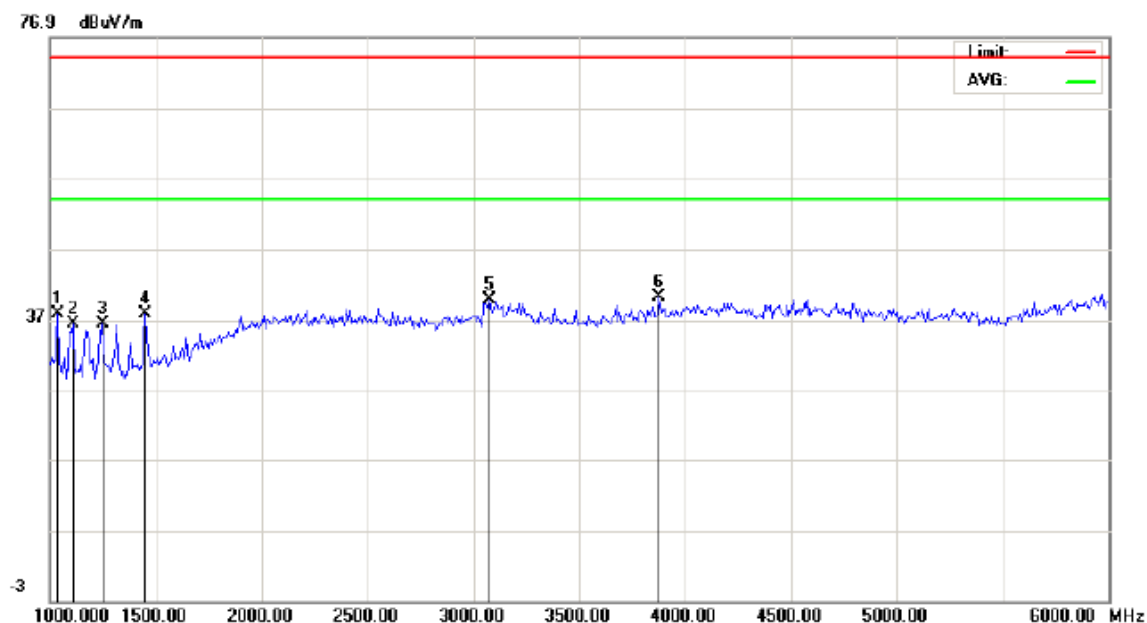
Mode: Network

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	55.8667	30.87	27.00		8.66	39.53	35.66		40.00		-4.34		P	
2	107.6000	28.77			9.92	38.69			43.50		-4.81		P	
3	149.6333	26.24			10.50	36.74			43.50		-6.76		P	
4	199.7500	27.95	25.03		11.84	39.79	36.87		43.50		-6.63		P	
5	345.2500	20.26			16.99	37.25			46.00		-8.75		P	
6	621.7000	20.87	17.85		22.74	43.61	40.59		46.00		-5.41		P	

Above 1GHz:

H:



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

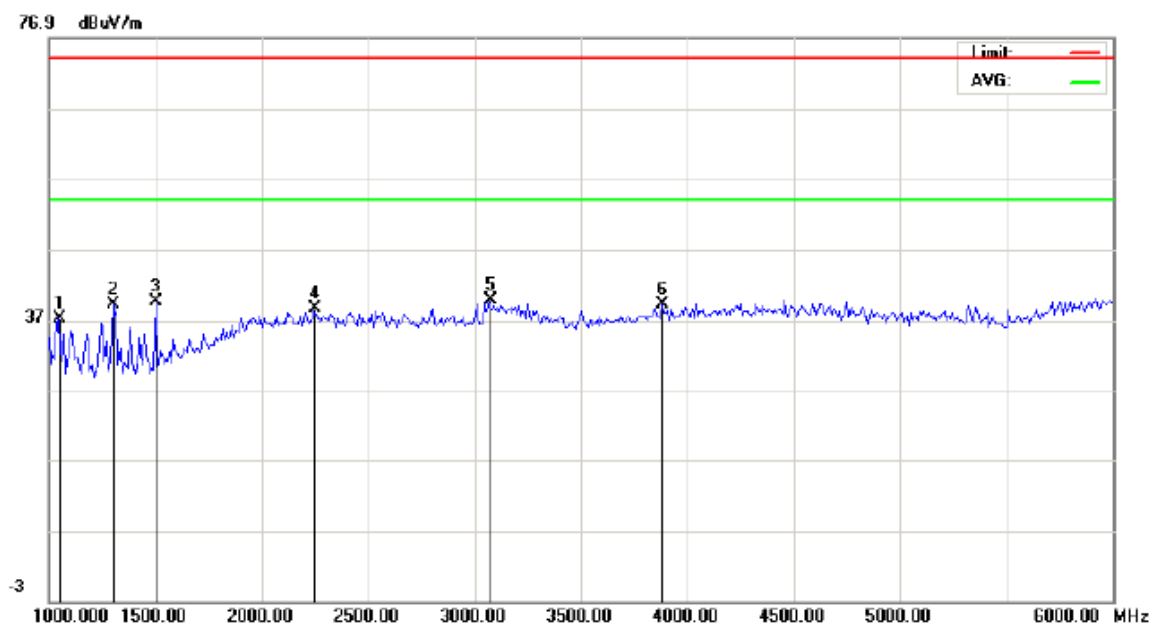
M/N: CRP261

Mode: Computer 1

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	1033.333	41.79			-4.01	37.78			74.00	54.00	-36.22	-16.22	P	
2	1108.333	39.98			-3.52	36.46			74.00	54.00	-37.54	-17.54	P	
3	1241.667	38.98			-2.67	36.31			74.00	54.00	-37.69	-17.69	P	
4	1450.000	39.08			-1.33	37.75			74.00	54.00	-36.25	-16.25	P	
5	3075.000	31.13			8.73	39.86			74.00	54.00	-34.14	-14.14	P	
6	3875.000	30.76			9.42	40.18			74.00	54.00	-33.82	-13.82	P	

V:



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

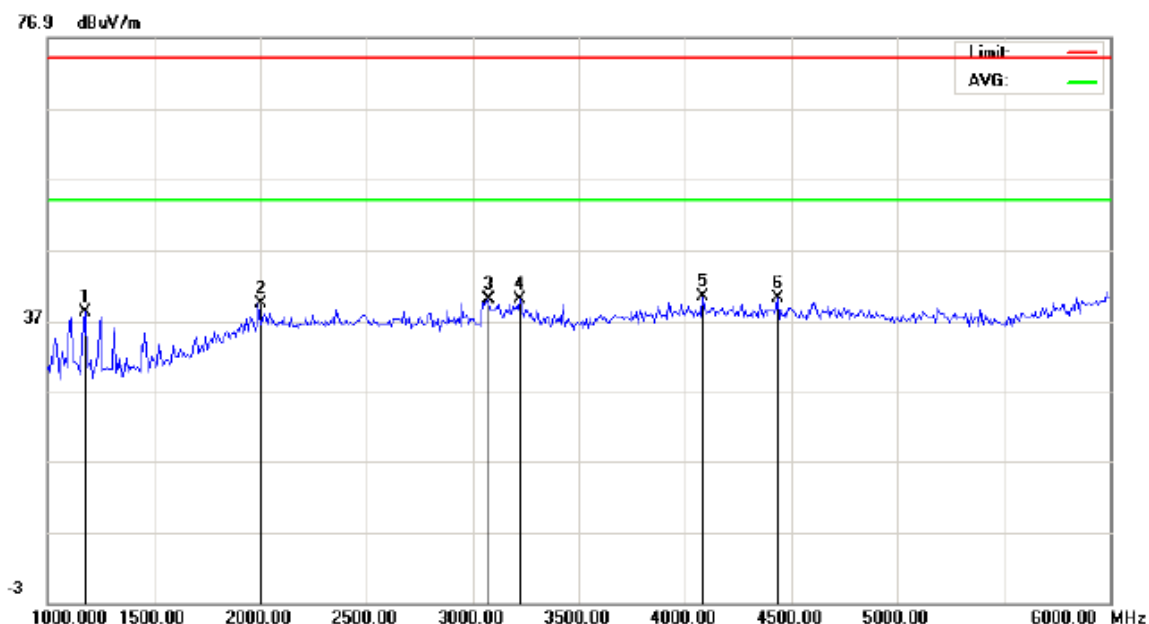
M/N: CRP261

Mode: Computer 1

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	1041.667	41.22			-3.95	37.27			74.00	54.00	-36.73	-16.73	P	
2	1300.000	41.56			-2.29	39.27			74.00	54.00	-34.73	-14.73	P	
3	1500.000	40.60			-1.01	39.59			74.00	54.00	-34.41	-14.41	P	
4	2241.667	31.40			7.24	38.64			74.00	54.00	-35.36	-15.36	P	
5	3066.667	31.09			8.76	39.85			74.00	54.00	-34.15	-14.15	P	
6	3883.333	29.71			9.47	39.18			74.00	54.00	-34.82	-14.82	P	

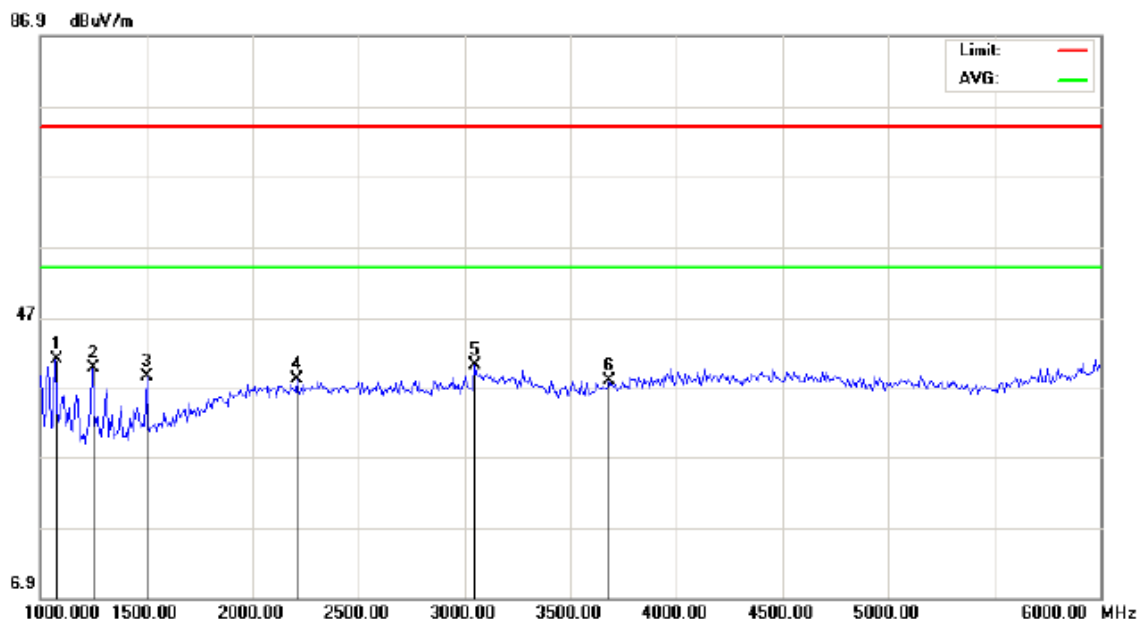
H:



Site site #1 Polarization: **Horizontal** Temperature: 26
 Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60 %
 EUT: Multimedia Projector
 M/N: CRP261
 Mode: Computer 2
 Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	1175.000	41.35			-3.10	38.25			74.00	54.00	-35.75	-15.75	P	
2	1991.667	32.76			6.60	39.36			74.00	54.00	-34.64	-14.64	P	
3	3066.667	31.23			8.76	39.99			74.00	54.00	-34.01	-14.01	P	
4	3225.000	31.67			8.26	39.93			74.00	54.00	-34.07	-14.07	P	
5	4083.333	30.21			10.22	40.43			74.00	54.00	-33.57	-13.57	P	
6	4433.333	29.57			10.73	40.30			74.00	54.00	-33.70	-13.70	P	

V:



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

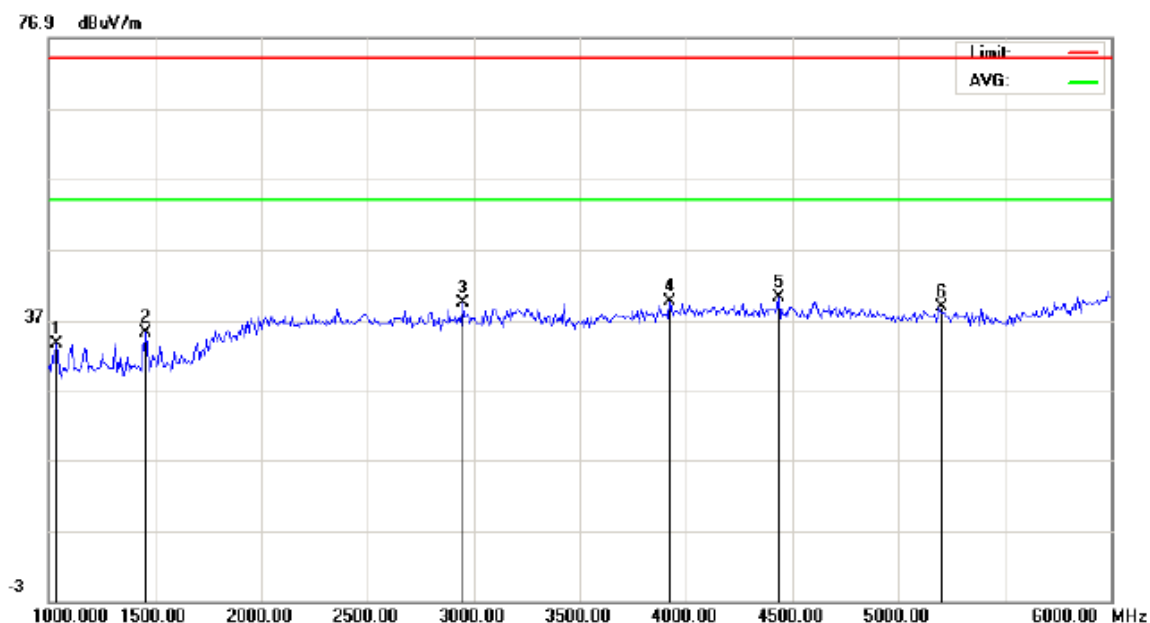
M/N: CRP261

Mode: Computer 2

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	1066.667	44.89			-3.79	41.10			74.00	54.00	-32.90	-12.90	P	
2	1241.667	42.45			-2.67	39.78			74.00	54.00	-34.22	-14.22	P	
3	1500.000	39.59			-1.01	38.58			74.00	54.00	-35.42	-15.42	P	
4	2208.333	30.99			7.17	38.16			74.00	54.00	-35.84	-15.84	P	
5	3050.000	31.45			8.81	40.26			74.00	54.00	-33.74	-13.74	P	
6	3683.333	29.58			8.39	37.97			74.00	54.00	-36.03	-16.03	P	

H:



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

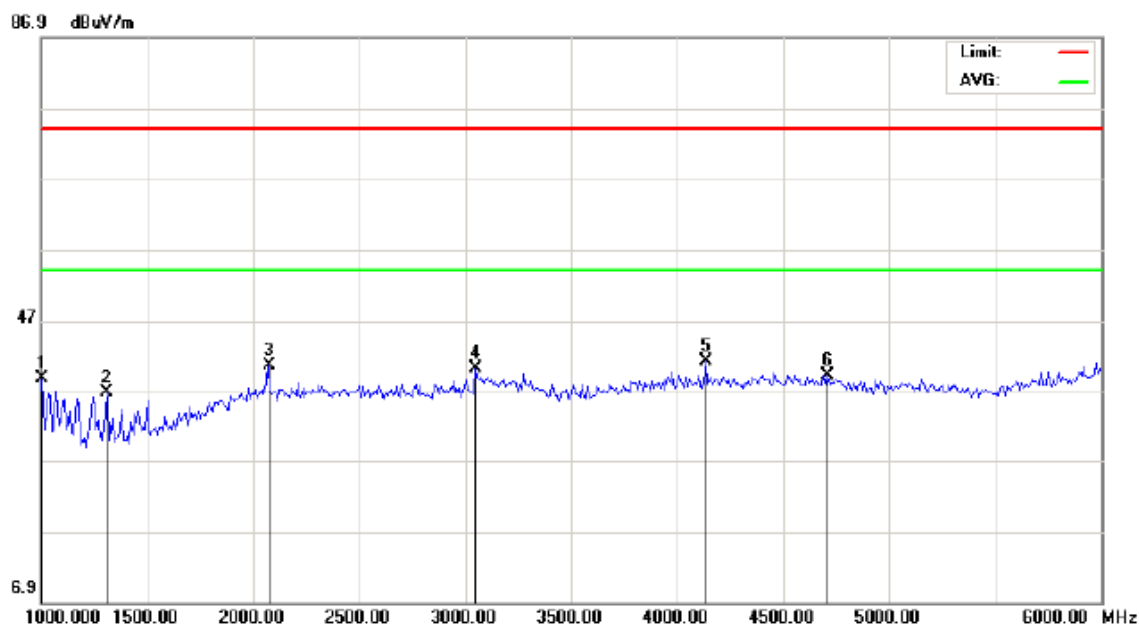
M/N: CRP261

Mode: Network

Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	1033.333	37.64			-4.01	33.63			74.00	54.00	-40.37	-20.37	P	
2	1458.333	36.43			-1.28	35.15			74.00	54.00	-38.85	-18.85	P	
3	2950.000	30.47			8.85	39.32			74.00	54.00	-34.68	-14.68	P	
4	3925.000	29.90			9.69	39.59			74.00	54.00	-34.41	-14.41	P	
5	4433.333	29.57			10.73	40.30			74.00	54.00	-33.70	-13.70	P	
6	5191.667	27.97			10.92	38.89			74.00	54.00	-35.11	-15.11	P	

V:



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Class B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Multimedia Projector

M/N: CRP261

Mode: Network

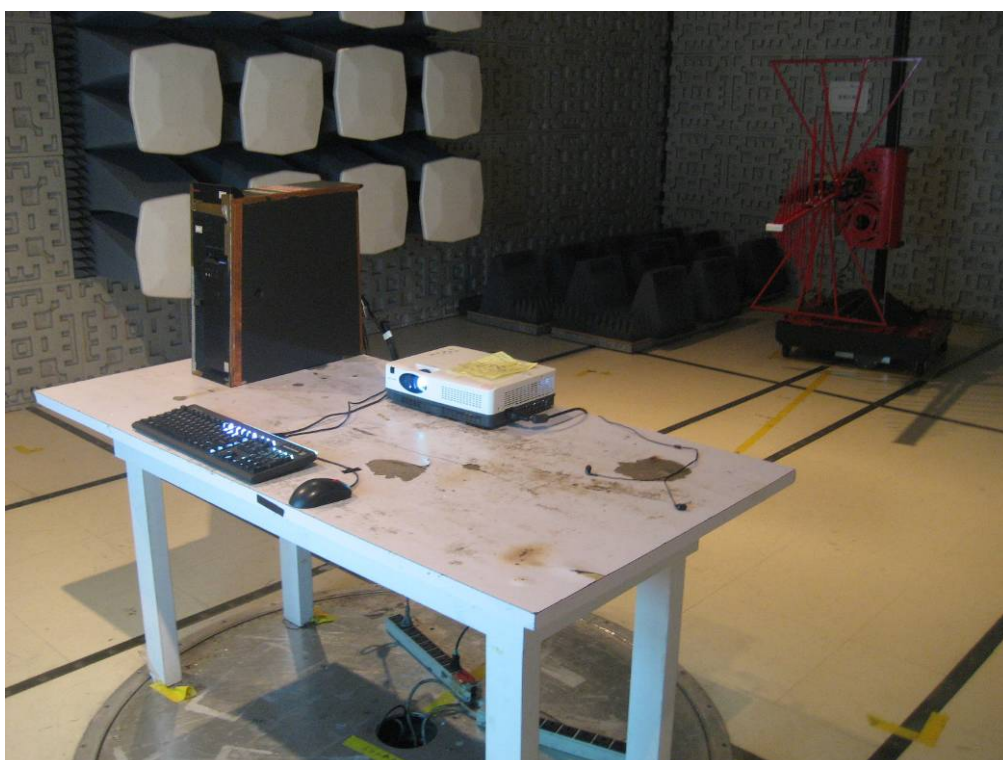
Note:

No.	Freq. MHz	Reading_Level (dBuV)			Correct Factor dB	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		P/F	Comment
		Peak	QP	AVG		peak	QP	AVG	QP	AVG	QP	AVG		
1	1000.000	43.09			-4.22	38.87			54.00	54.00	-15.13	-15.13	P	
2	1308.333	39.02			-2.24	36.78			74.00	54.00	-37.22	-17.22	P	
3	2066.667	33.78			6.87	40.65			74.00	54.00	-33.35	-13.35	P	
4	3050.000	31.45			8.81	40.26			74.00	54.00	-33.74	-13.74	P	
5	4133.333	30.93			10.29	41.22			74.00	54.00	-32.78	-12.78	P	
6	4708.333	28.35			10.92	39.27			74.00	54.00	-34.73	-14.73	P	

APPENDIX 1 PHOTOGRAPHS OF TEST SETUP



TEST SETUP OF CONDUCTED EMISSION



TEST SETUP OF RADIATED EMISSION



TEST SETUP OF RADIATED EMISSION (ABOVE 1 GHZ)

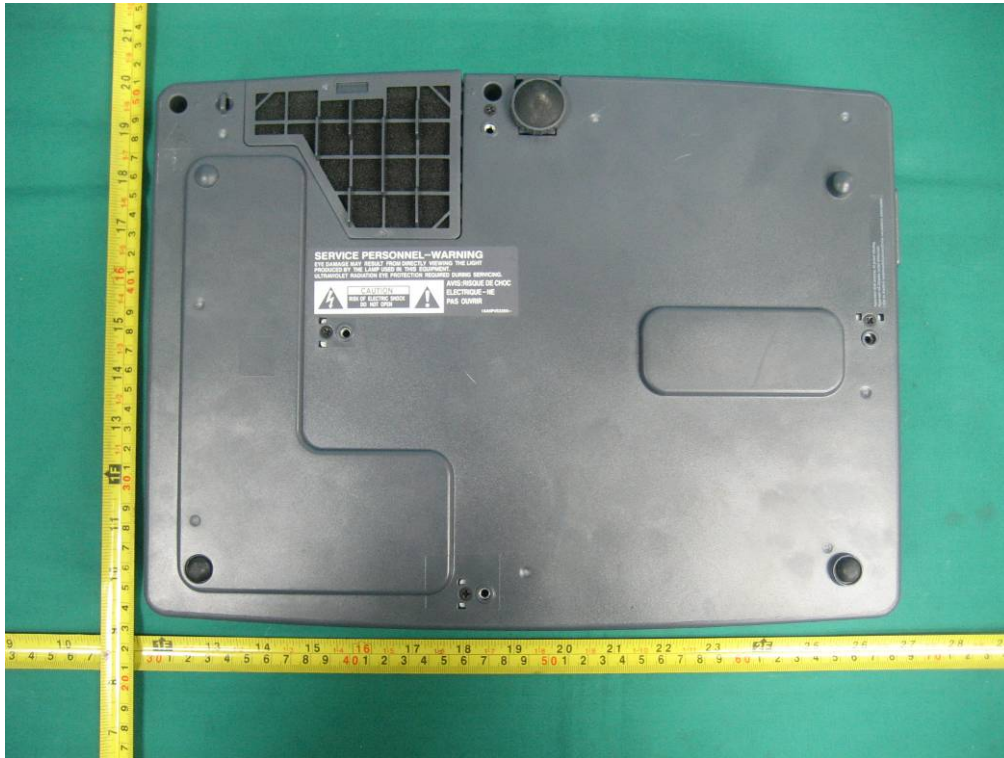
APPENDIX 2 EXTERNAL PHOTOS OF EUT



View of EUT-1



View of EUT-2



View of EUT-3



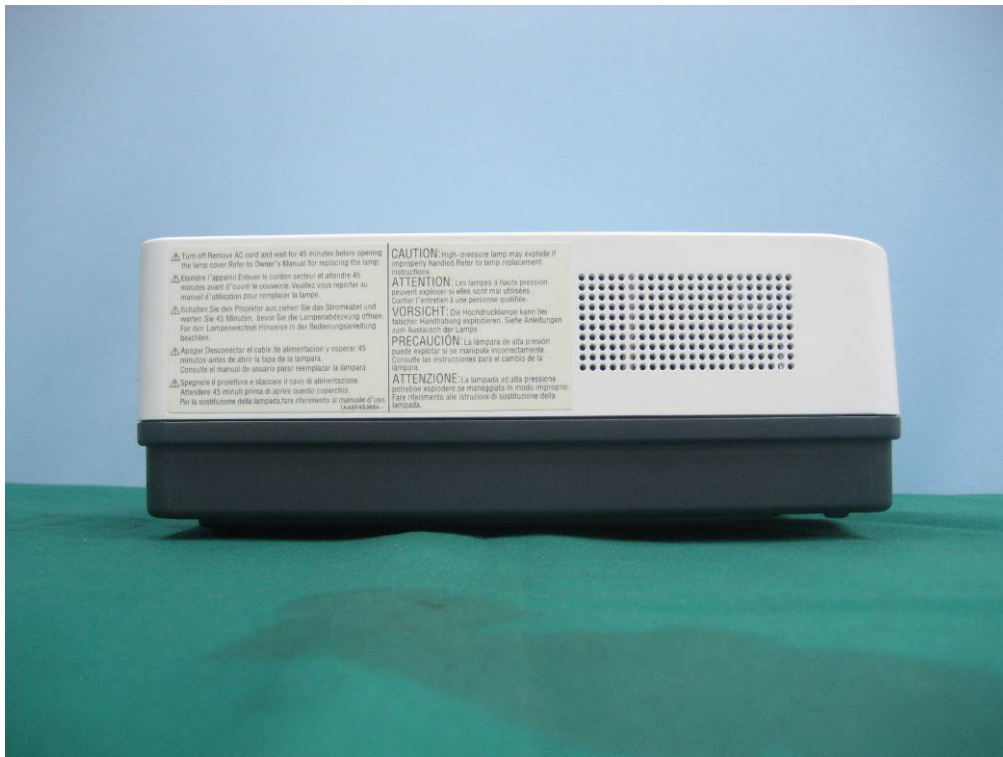
View of EUT-4



View of EUT-5



View of EUT-6

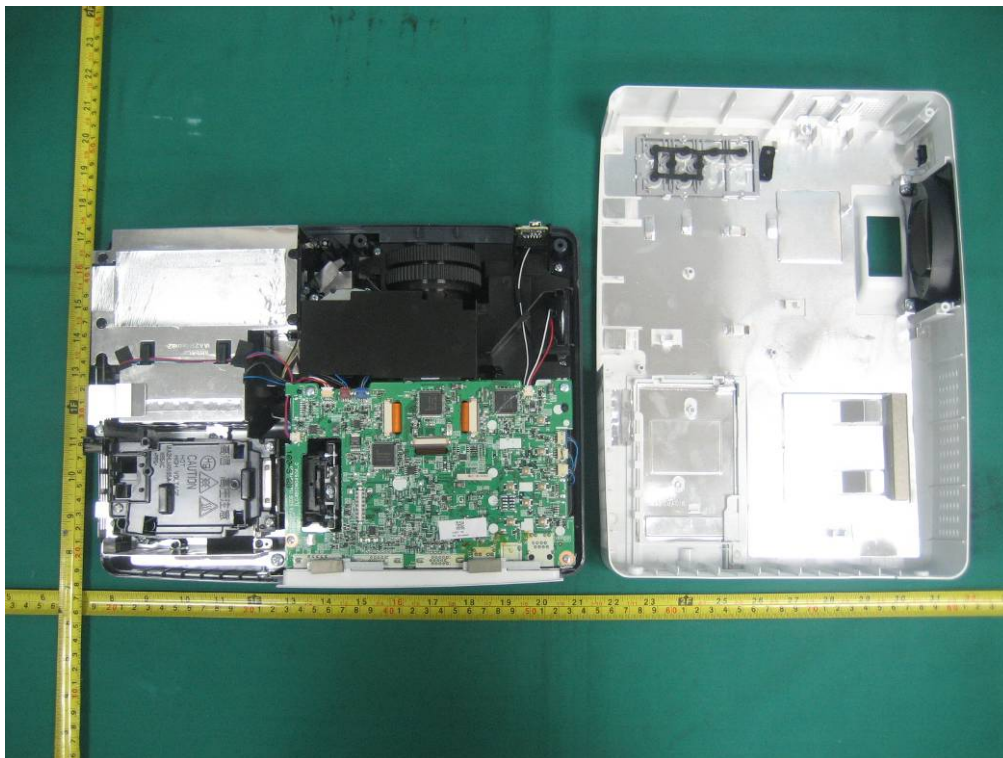


View of EUT-7

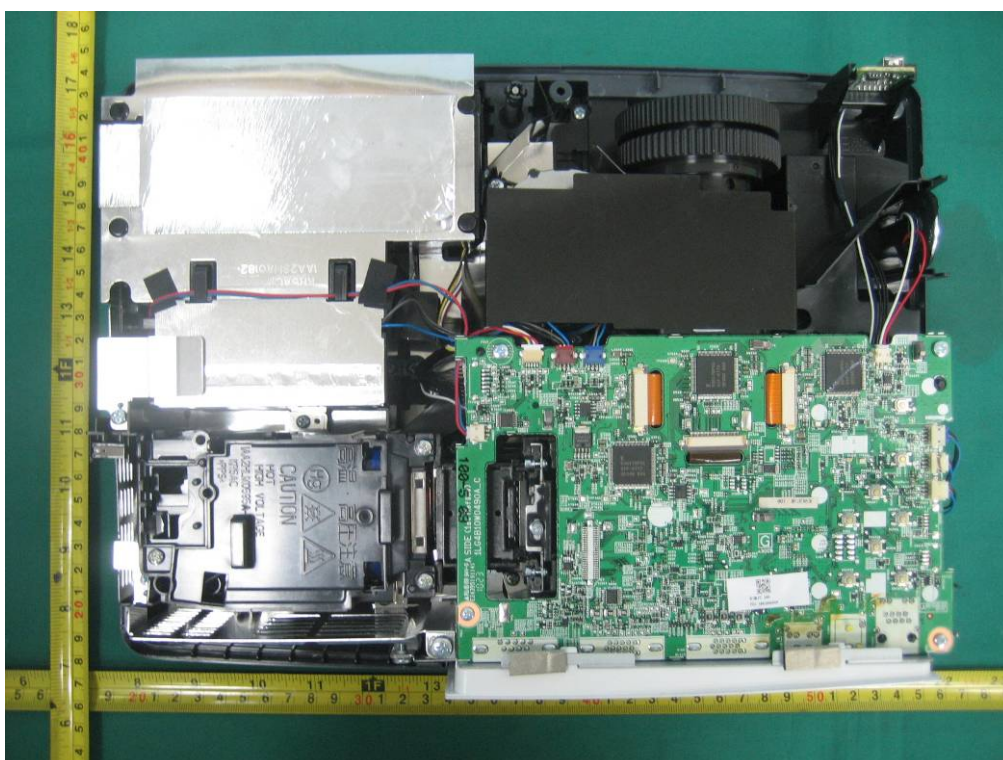


View of EUT-8

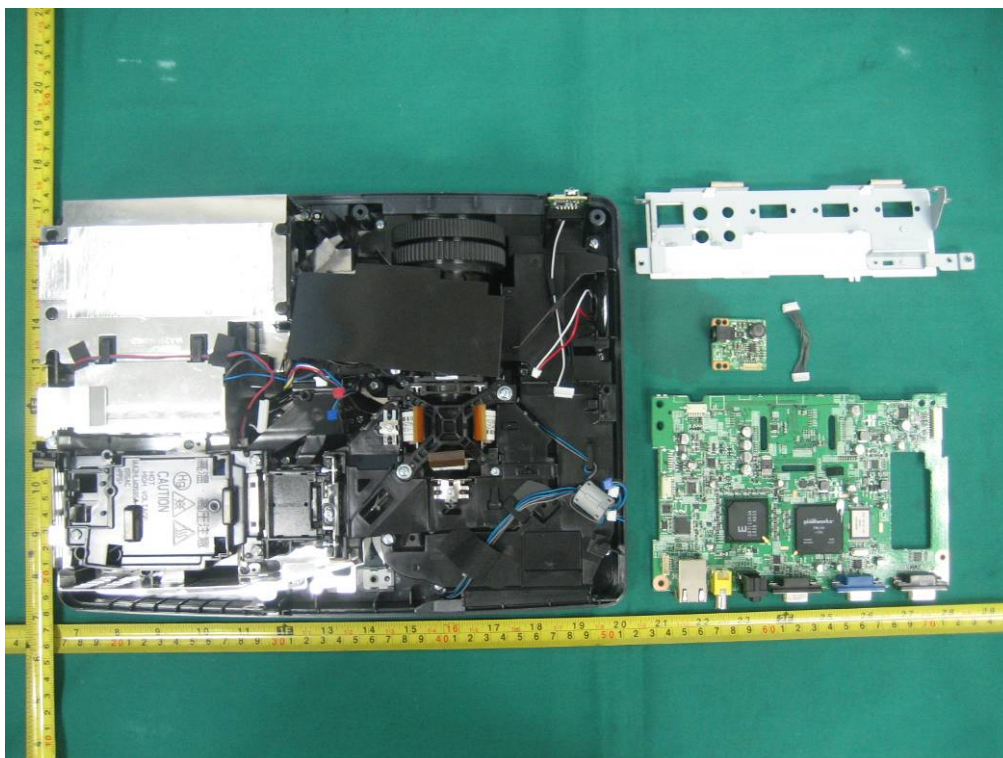
APPENDIX 3 INTERNAL PHOTOS OF EUT



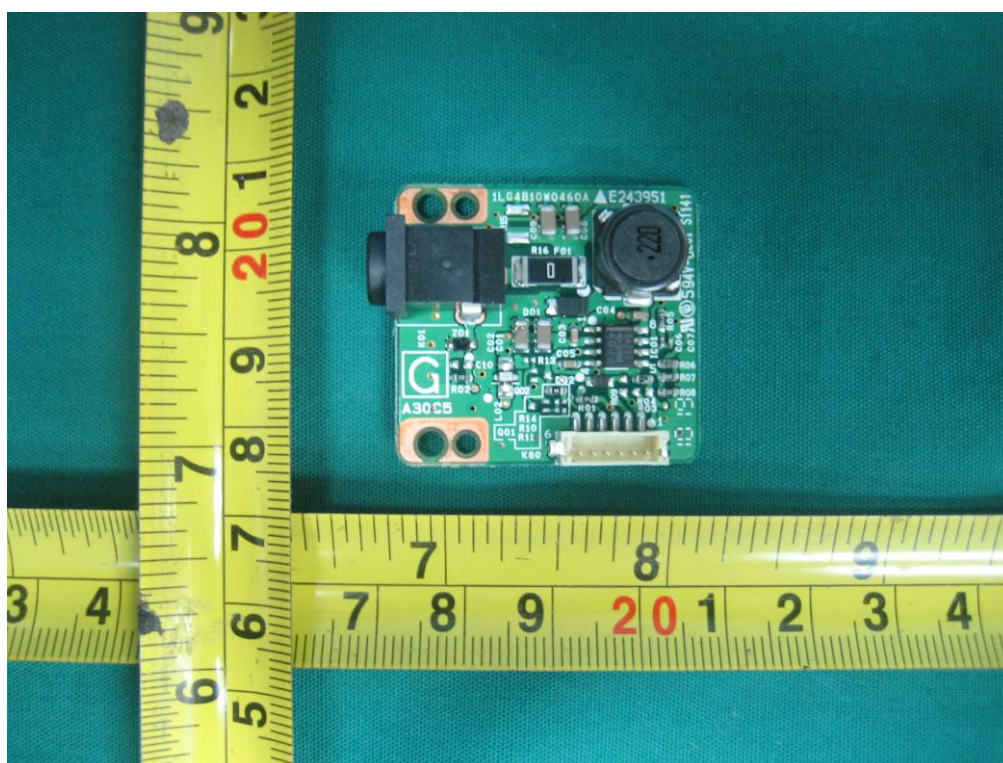
View of EUT-1



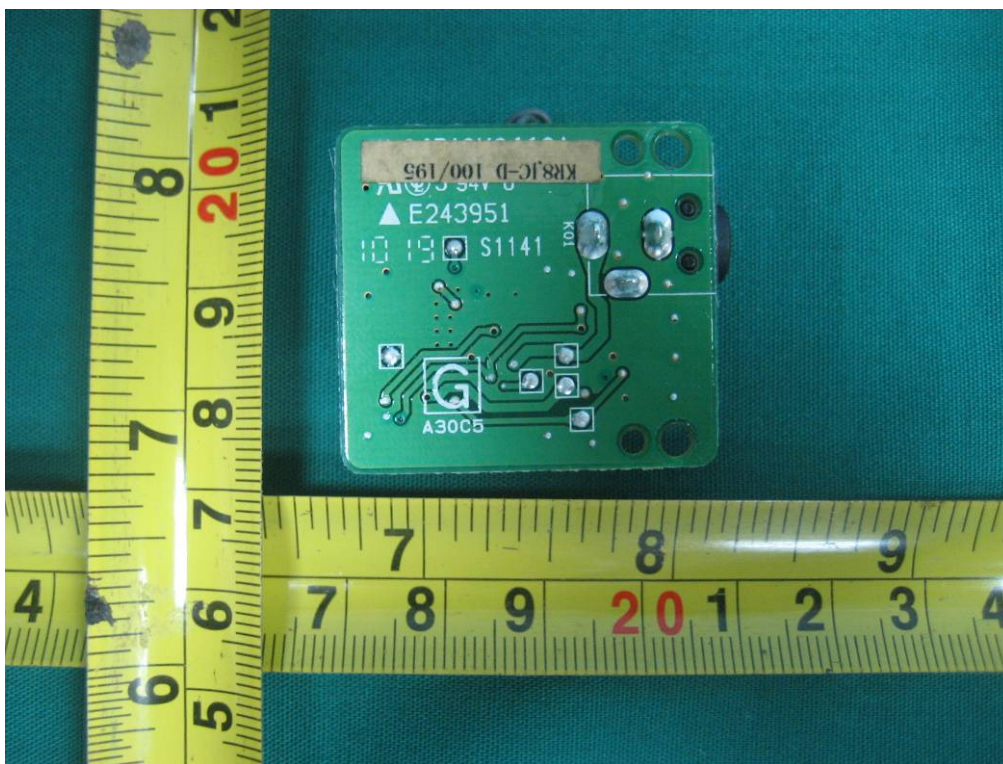
View of EUT-2



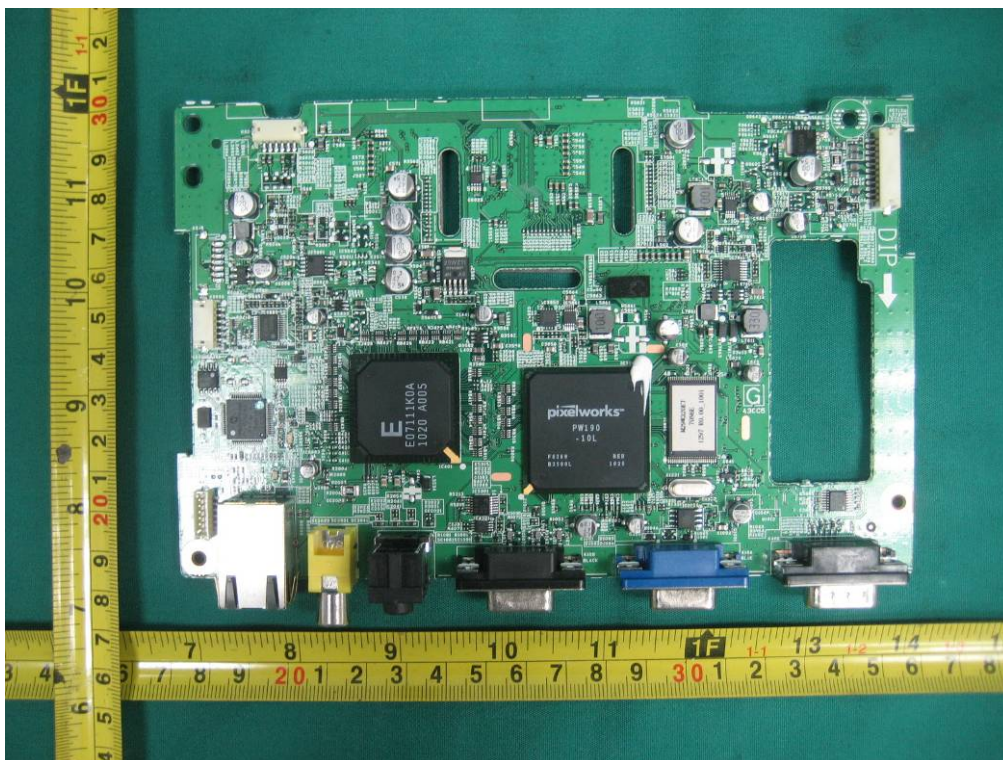
View of EUT-3



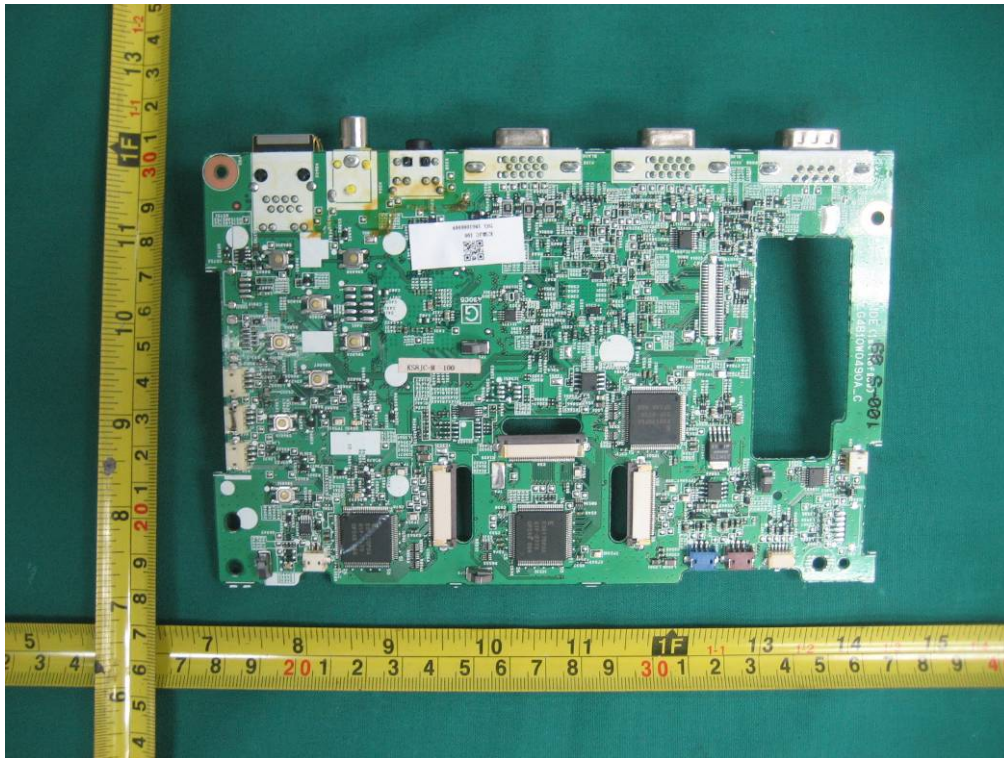
View of EUT-4



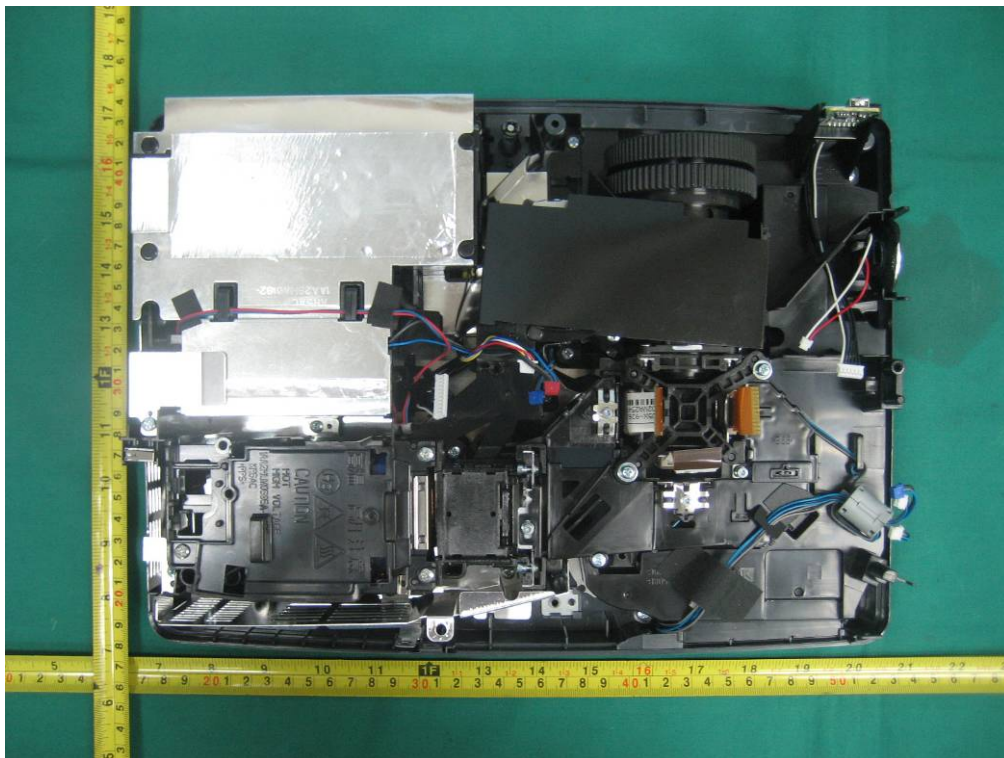
View of EUT-5



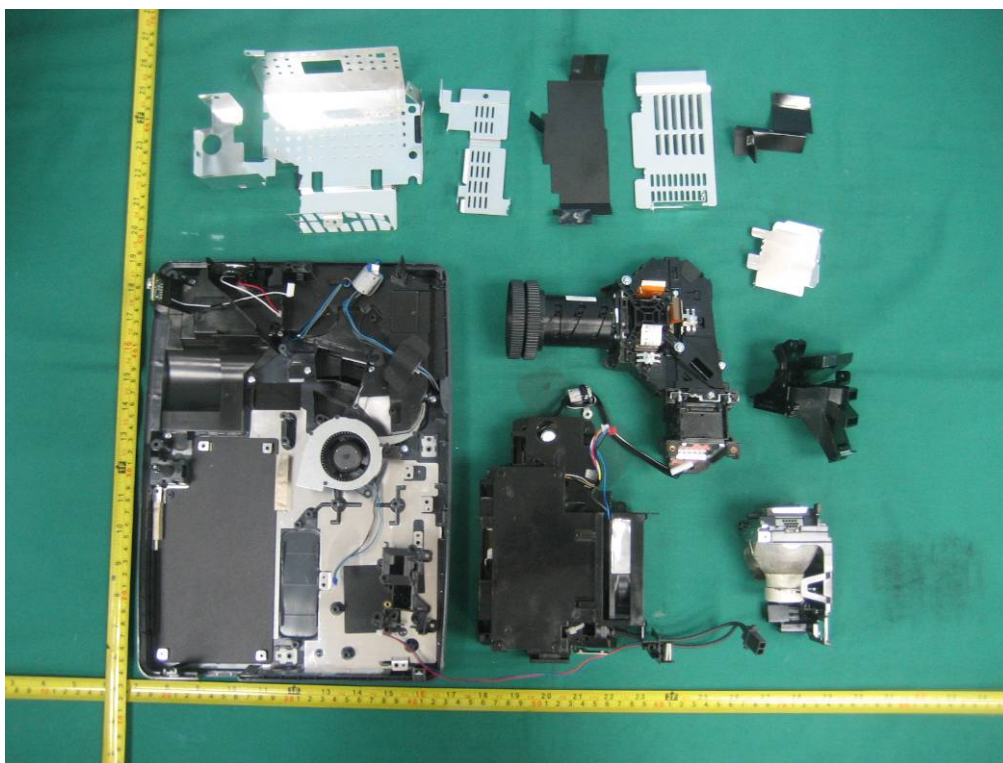
View of EUT-6



View of EUT-7



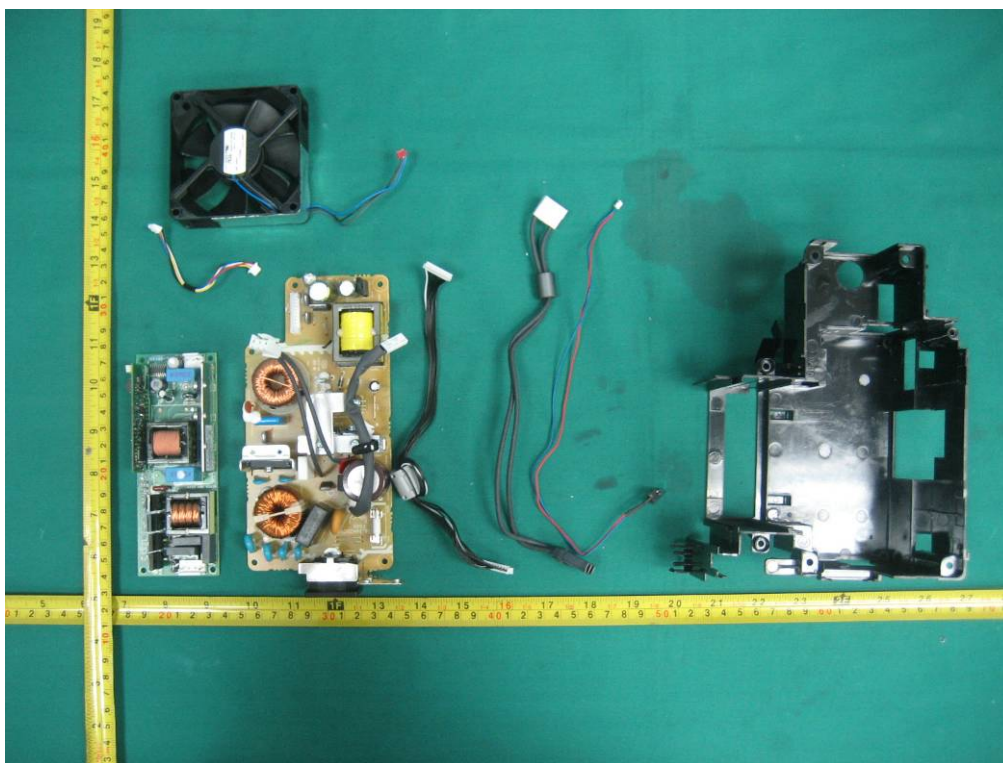
View of EUT-8



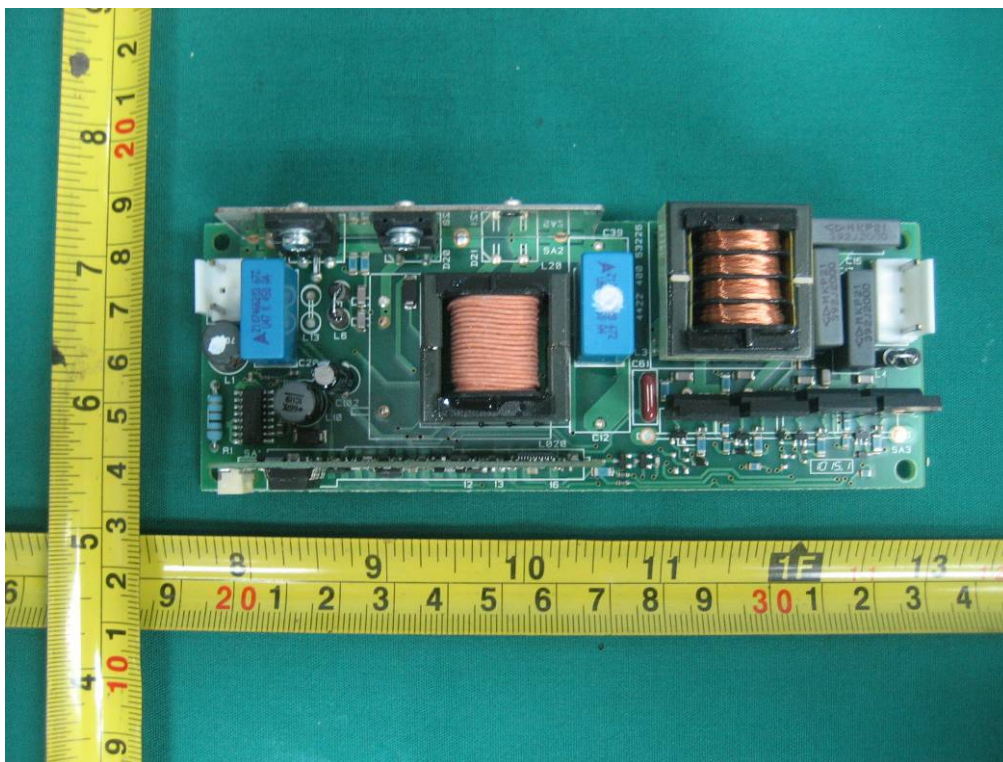
View of EUT-9



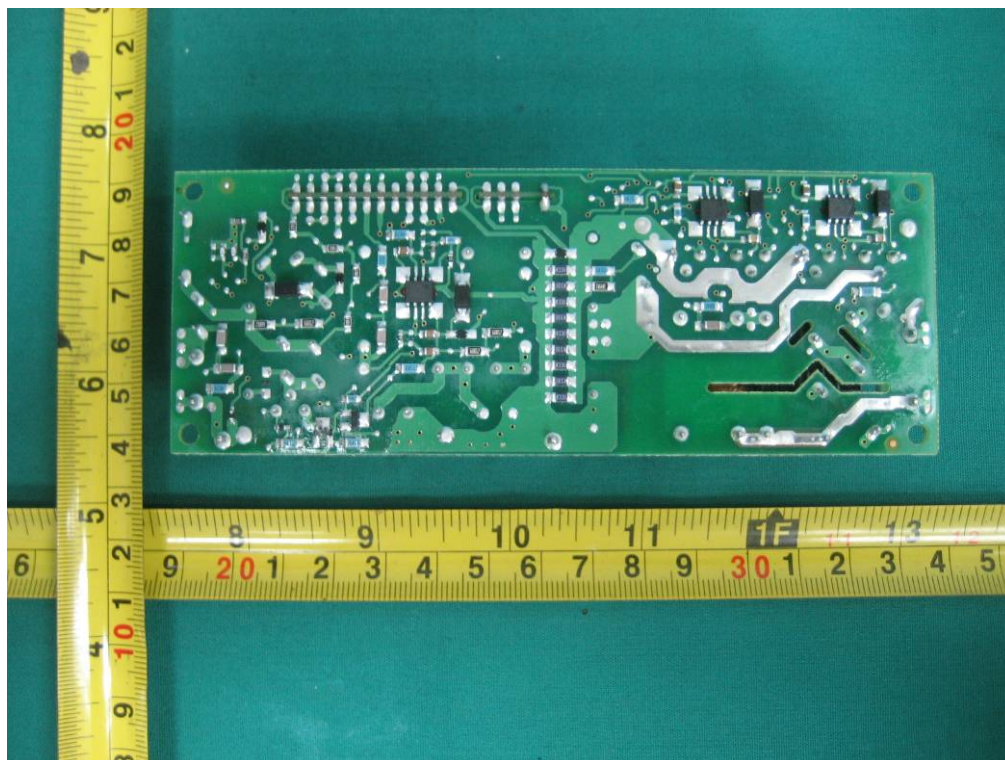
View of EUT-10



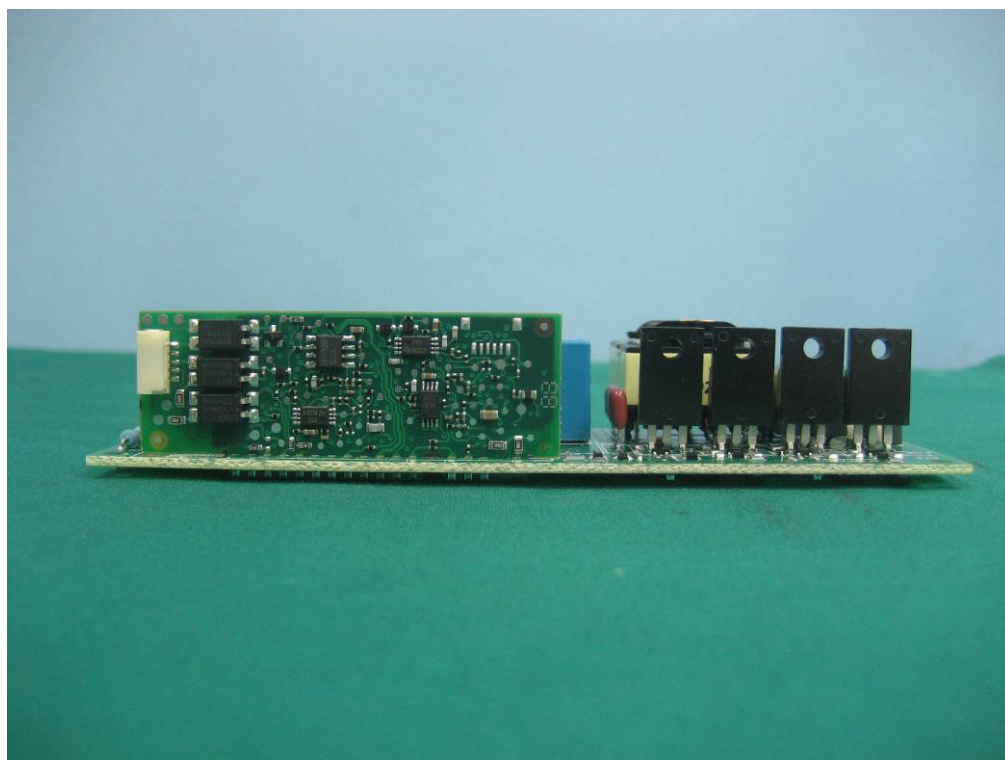
View of EUT-11



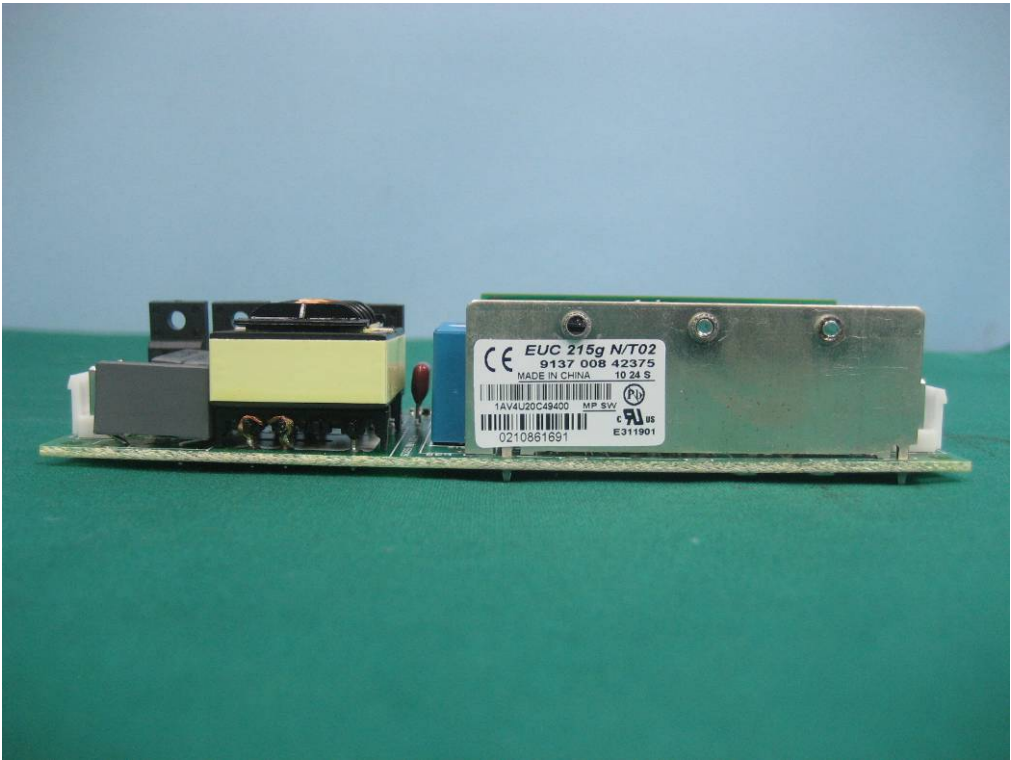
View of EUT-12



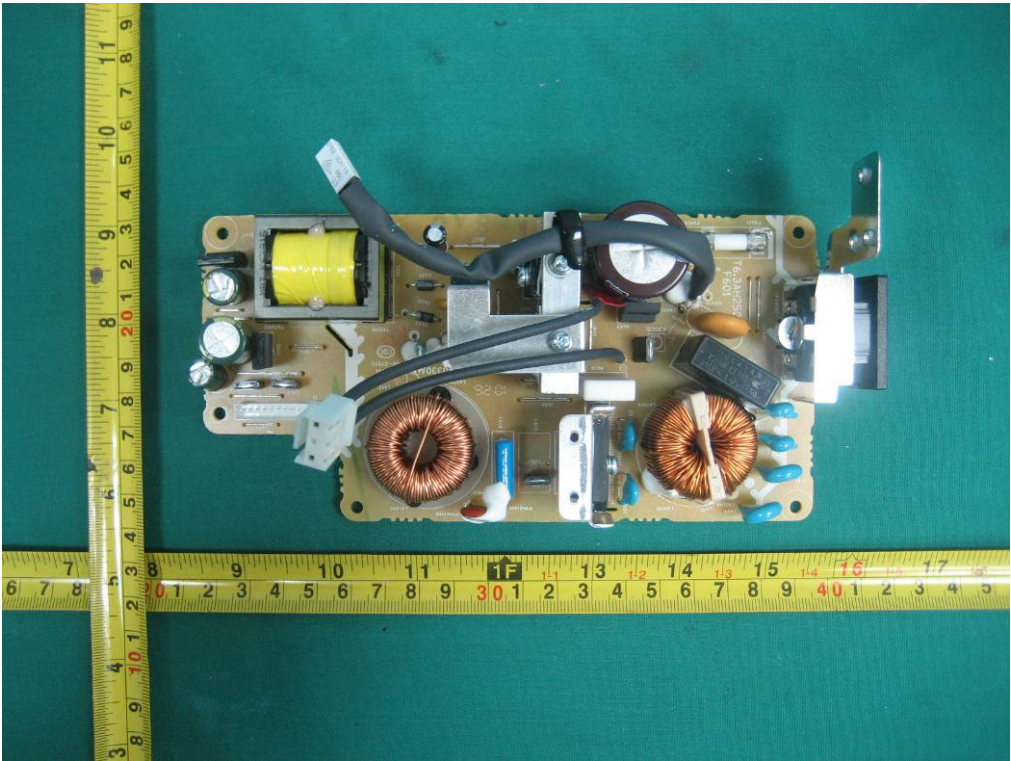
View of EUT-13



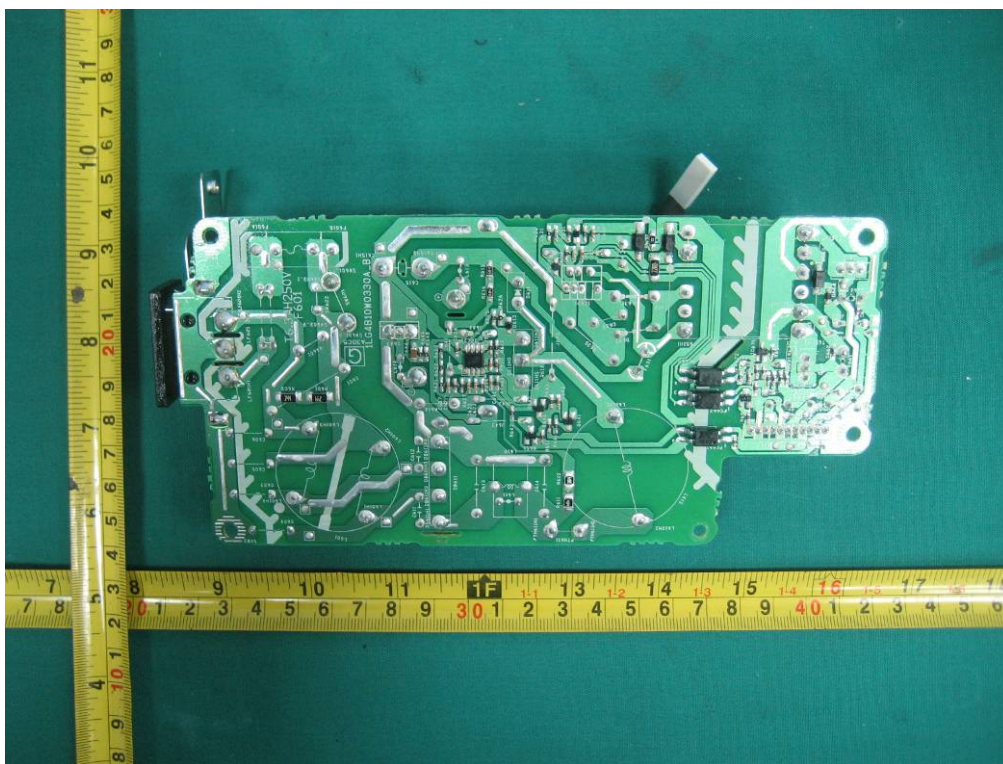
View of EUT-14



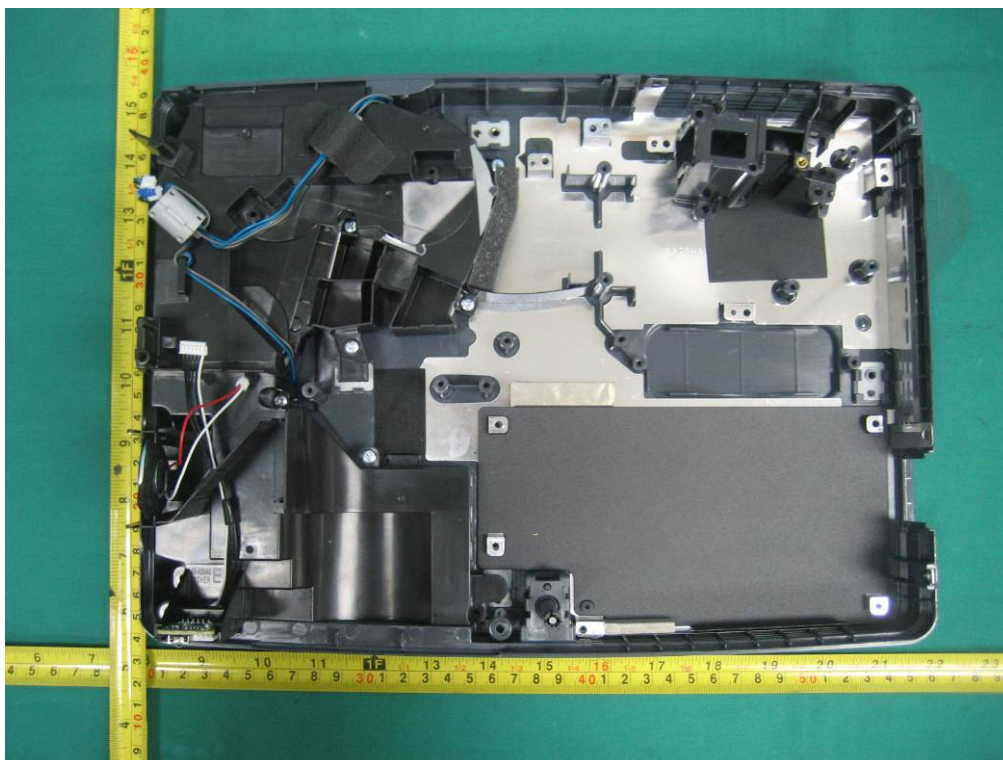
View of EUT-15



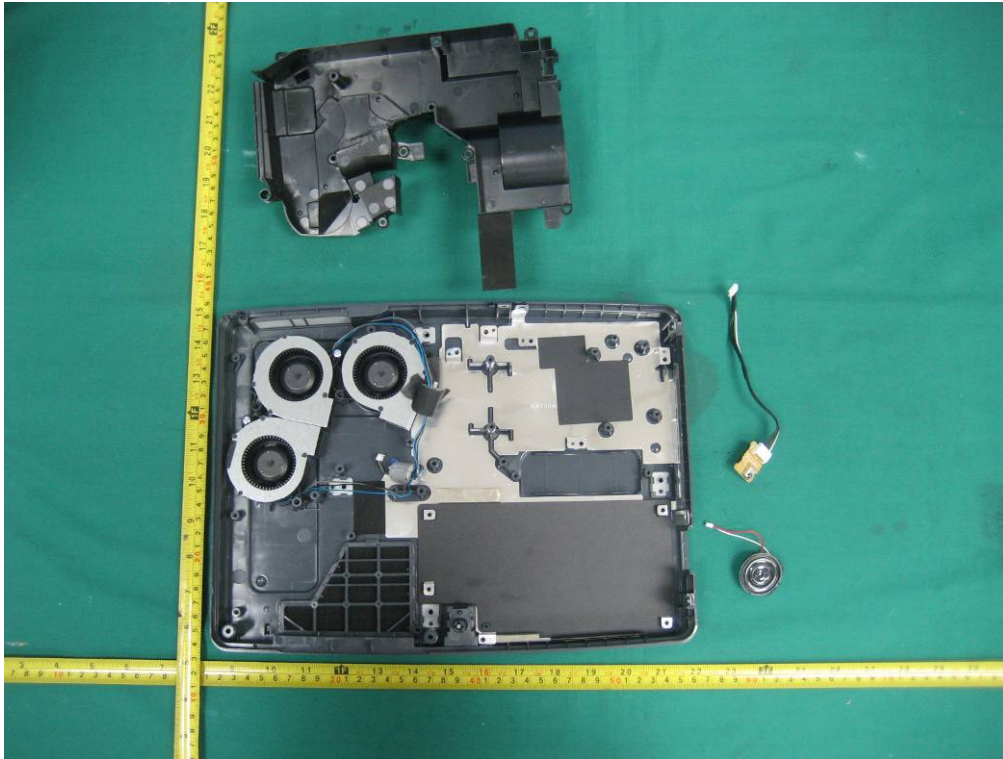
View of EUT-16



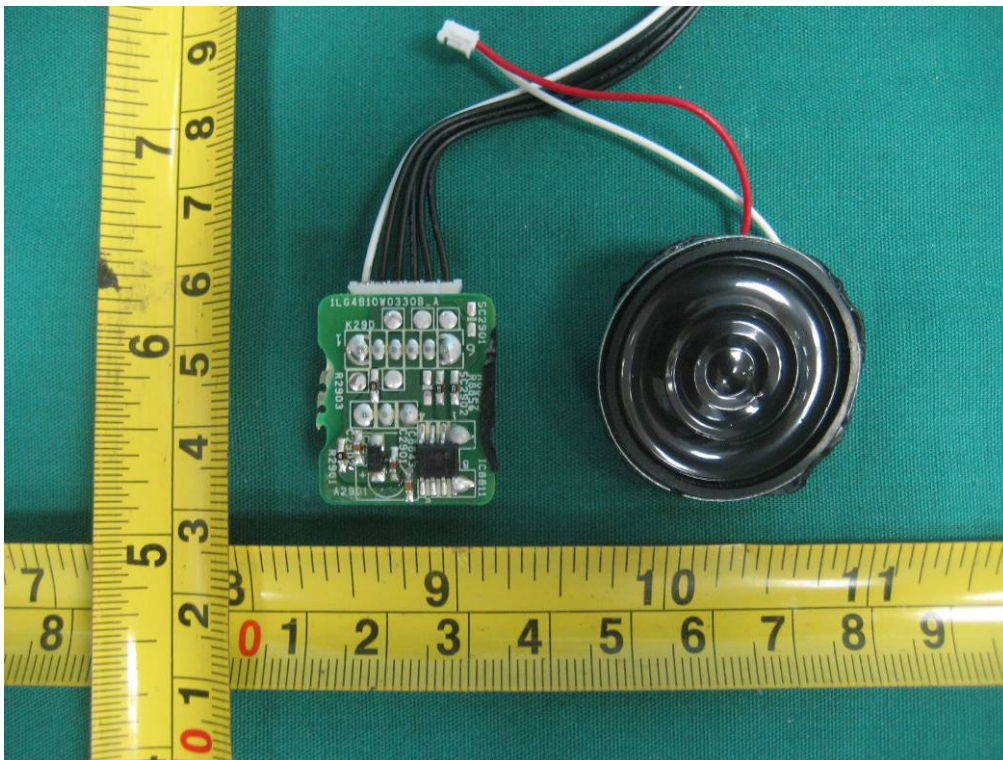
View of EUT-17



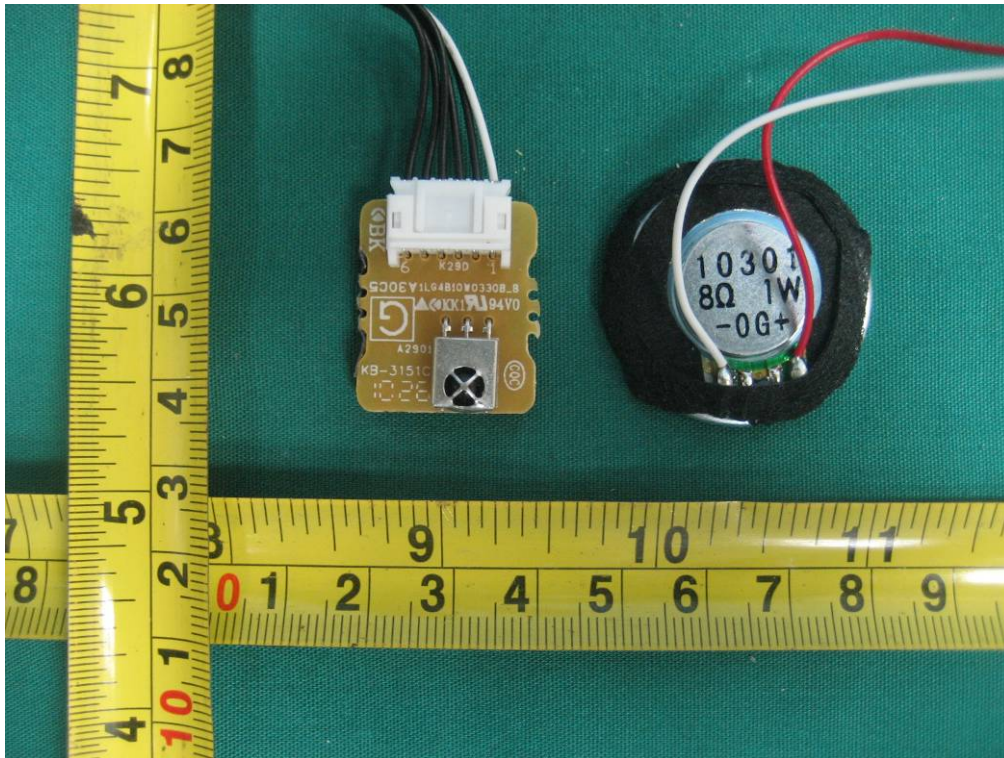
View of EUT-18



View of EUT-19



View of EUT-20



View of EUT-21

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