EMC TEST REPORT

Test item	: Tablet PC
Model No.	: CREMA-0610L-B
Order No.	: DEMC1308-02643
Date of receipt	: 2013-08-26
Test duration	: 2013-09-09 ~ 2013-09-11
Use of report	: FCC CoC Marking
Date of Issue	: 2013-10-23

Applicant : Korea Electronic Publishing Hub
3F, Hanju Bldg, 76-1, Dongmak-ro, Mapo-gu, Seoul, Korea 121-829

Test laboratory : Digital EMC Co., Ltd.
683-3, Yubang-Dong, Cheoin-Gu, Yongin-Si, Gyeonggi-Do, 449-080, Korea

Test specification : ANSI C 63.4:2003
FCC Part 15 Subpart B
(Class B personal computers and peripherals)

Test environment : Temperature : (24 ~ 25) °C,
Humidity : (44 ~ 55) % R.H.

Test result : ☒ Comply ☐ Not Comply

Tested by:

Engineer
GiHyun Kim

Reviewed by:

Manager
MyungJin Song

PRESIDENT OF DIGITAL EMC CO., LTD.

CONTENTS

1. General Remarks

This report contains the result of tests performed by:

DIGITAL EMC CO., LTD.

Address : 683-3, Yubang-Dong, Cheoin-Gu, Yongin-Si, Gyeonggi-Do, 449-080, Korea

http://www.digitalemc.com

Tel: +82-31-321-2664 Fax: +82-31-321-1664

2. Test Laboratory

Digital EMC Co., Ltd. has been accredited / filed / authorized by the agencies listed in the following table;

Certificate	Nation	Agency	Code	Mark
Accreditation	Korea	KOLAS	393	ISO/IEC 17025
Site Filing	USA	FCC	101842 678747	Test Facility list & NSA Data
	Canada	IC	5740A-1 5740A-2	Test Facility list & NSA Data
	Japan	VCCI	C-1427 R-1364, R-3385 T-1442, G-338	Test Facility list & NSA Data
Certification	Korea	KC	KR0034	Test Facility list & NSA Data
	Germany	TUV	ROK1221C	ISO/IEC 17025

Quality control in the testing laboratory is implemented as per ISO/IEC 17025 which is the “General requirements for the competent of calibration and testing laboratory”.

3. General Information of EUT

Kind of Equipment	Tablet PC
Model Name	CREMA-0610L-B
Add Model Name	CREMA-0610L-W
Serial No.	NONE
Type of Sample Tested	Pre-Production
Clock Frequency	1 GHz
Wifi	802.11 b/g/n SIP module
Supplied Power for Test	120 V, 60 Hz
Applicant	Korea Electronic Publishing Hub 3F, Hanju Bldg, 76-1, Dongmak-ro, Mapo-gu, Seoul, Korea 121-829
Manufacturer	NETRONIX,INC No 945, Boai St, Jubei City, Hsinchu, Taiwan, 30265 R.O.C

Related Submittal(s) / Grant(s)

Original submittal only.

4. Test Summary

4.1 Applied standards and test results

Test Items	Applied Standards	Results
Conducted Disturbance	ANSI C63.4:2003	**C**
Radiated Disturbance	ANSI C63.4:2003	**C**
C=Comply N/C=Not Comply N/T=Not Tested N/A=Not Applicable		

The data in this test report are traceable to the national or international standards.

4.2 Test environment and conditions

Test Items	Test date (MM-DD)	Temp (℃)	Humidity (% R.H.)
Conducted Disturbance	09-11	25	44
Radiated Disturbance	09-09	24	55

4.3 Test result Summary

(1) Conducted Emission

Frequency [MHz]	Phase	Result [dBμV]	Detector	Limit [dBμV]	Margin [dB]
0.15555	**L1**	**54.5**	Quasi-Peak	**65.7**	**11.2**

(2) Radiated Emission

Frequency [MHz]	Pol.	Result [dB(μV/m)]	Detector	Limit [dB(μV/m)]	Margin [dB]
5544.881	**V**	**40.4**	Average-Peak	**54.0**	**13.6**

5. Test Set-up and operation mode

5.1 Principle of Configuration Selection

Emission : The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

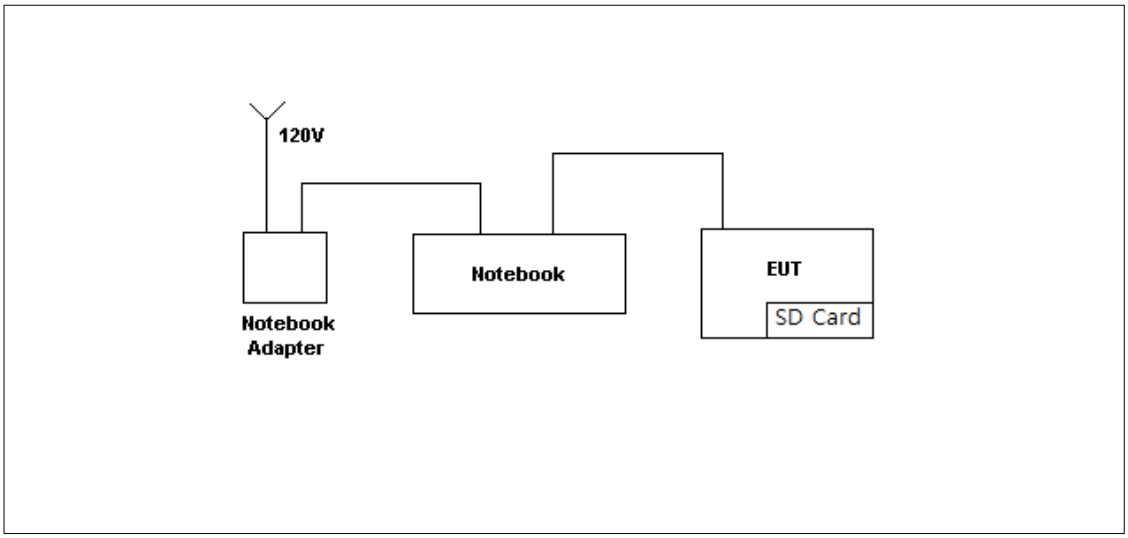
5.2 Test Operation Mode

- CHARGING + PLAY MODE
- PC LINK MODE

5.3 Support Equipment Used

Unit	Model No.	Serial No.	Manufacturer	CABLE			Backshell	FCC ID
				Connect type	Length (m)	shield		
NOTE BOOK	110-4103TU	5CD2090V98	HP	DC IN USB	1.4 1.8	Non-shield Non-shield	Plastic Metal	DOC
ADAPTOR	HSTNN-CA18	F13761206288812	HP	POWER	1.6	Non-shield	Plastic	VER
ADAPTOR	FSOD0900800K	N/A	FALRONE ELECTRONICS	POWER	1.4	Non-shield	Metal	VER

(Configuration of Tested System)



6. Test Results : Emission

6.1 Conducted Disturbance

6.1.1 Measurement Procedure

In the range of 0.15 MHz to 30 MHz, the conducted disturbance was measured and set-up was made accordance with **ANSI C63.4.**

If the EUT is table top equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 0.4 m from the conducting wall of the shielded room.

Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.

Connect the EUT's power source lines to the appropriate power mains / peripherals through the LISN. All the other peripherals are connected to the 2nd LISN, if any.

Unused measuring port of the LISN was resistively terminated by 50 ohm terminator.

The measuring port of the LISN for EUT was connected to spectrum analyzer.

Using conducted emission test software, the emissions were scanned with peak detector mode.

After scanning over the frequency range, suspected emissions were selected to perform final measurement. When performing final measurement, the receiver was used which has Quasi-Peak detector and Average detector.

By varying the configuration of the test sample and the cable routing it was attempted to maximize the emission.

For further description of the configuration refer to the picture of the test set-up.

6.1.2 Limit for Conducted Disturbance

(1) Conducted disturbance at mains ports.

Frequency range (MHz)	Limits dB(μV)			
	Quasi-peak		Average	
	Class A	Class B	Class A	Class B
0.15 to 0.50	79	66 to 56	66	56 to 46
0.50 to 5	73	56	60	46
5 to 30		60		50
Note 1 The lower limit shall apply at the transition frequencies. Note 2 The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Note) 1. Emission Level = Reading Value + Correction Factor.
2. Correction Factor = Cable Loss + Insertion Loss of LISN
3. Margin = Limit - Emission level

< Mains ports _ CHARGING + PLAY MODE >

Digital EMC

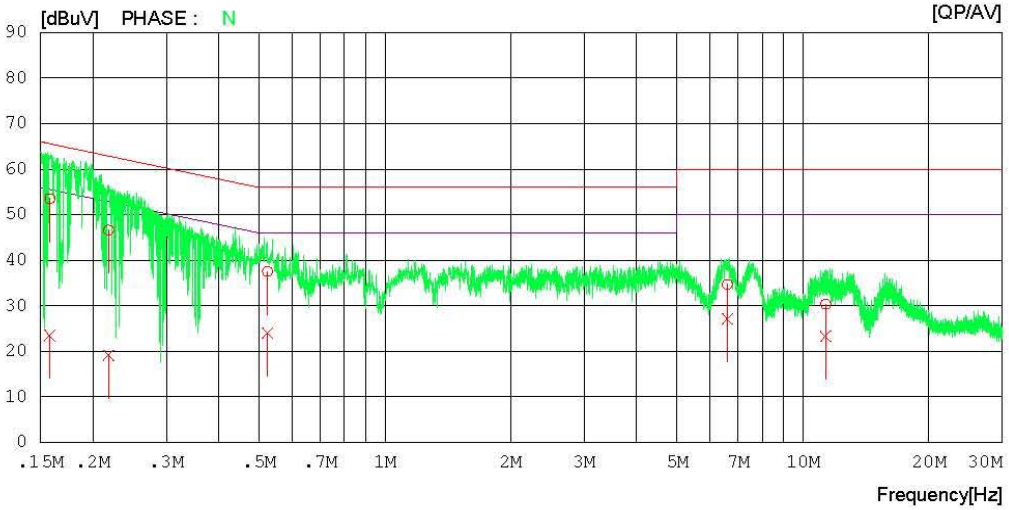
Results of Conducted Emission

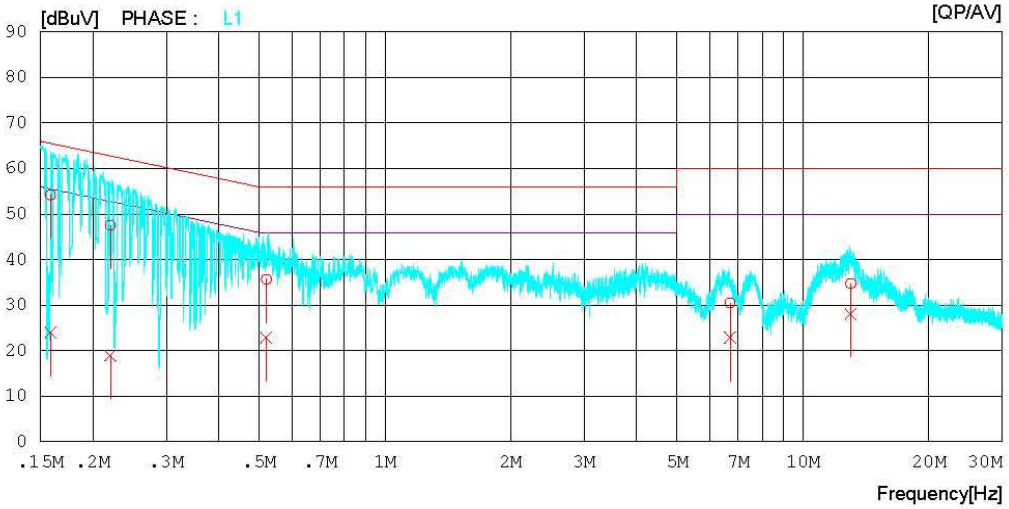
Digital EMC
Date : 2013-09-11

Model No.	:	CREMA-0610L-B	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 44 % R.H.
Test Condition	:	Charging + Play	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV





Results of Conducted Emission

Digital EMC
Date : 2013-09-11

Model No.	:	CREMA-0610L-B	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 44 % R.H.
Test Condition	:	Charging + Play	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV

NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.15797	53.5	23.4	0.1	53.6	23.5	65.6	55.6	12.0	32.1	N
2	0.21850	46.5	19.0	0.1	46.6	19.1	62.9	52.9	16.3	33.8	N
3	0.52374	37.4	23.9	0.1	37.5	24.0	56.0	46.0	18.5	22.0	N
4	6.59740	34.2	26.6	0.5	34.7	27.1	60.0	50.0	25.3	22.9	N
5	11.34120	29.6	22.6	0.7	30.3	23.3	60.0	50.0	29.7	26.7	N
6	0.15849	54.1	23.9	0.1	54.2	24.0	65.5	55.5	11.3	31.5	L1
7	0.22054	47.5	18.9	0.1	47.6	19.0	62.8	52.8	15.2	33.8	L1
8	0.52078	35.6	22.8	0.1	35.7	22.9	56.0	46.0	20.3	23.1	L1
9	6.69460	30.0	22.4	0.5	30.5	22.9	60.0	50.0	29.5	27.1	L1
10	13.01760	34.1	27.4	0.7	34.8	28.1	60.0	50.0	25.2	21.9	L1

< Mains ports _ PC LINK MODE >

Digital EMC

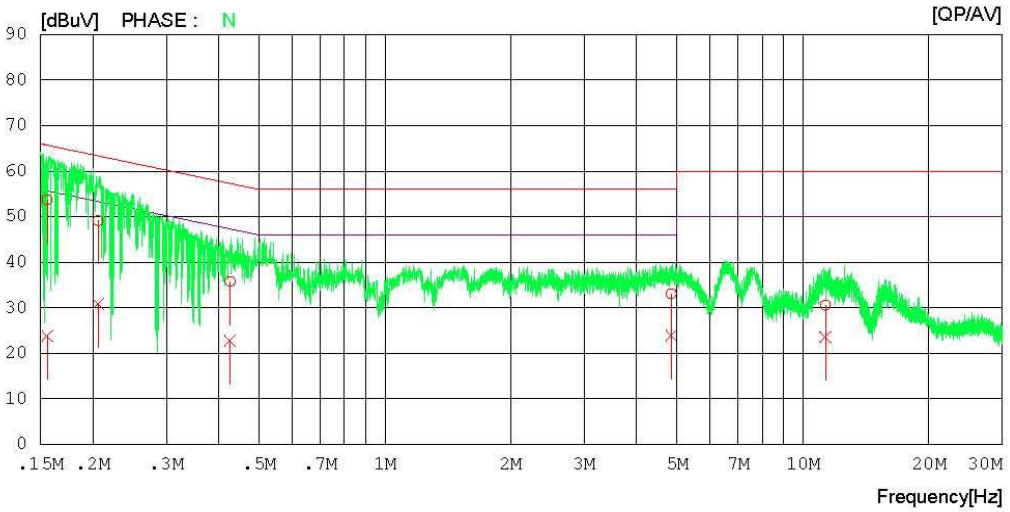
Results of Conducted Emission

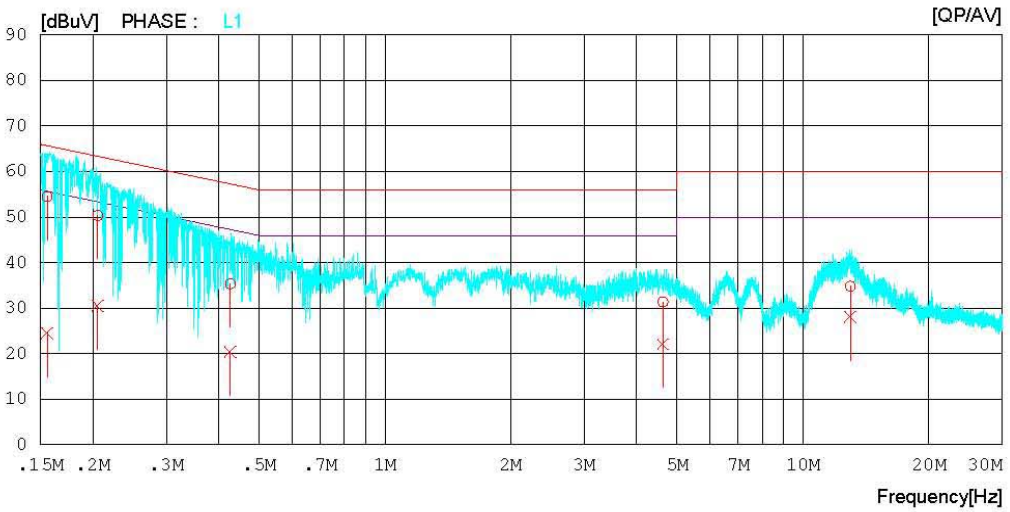
Digital EMC
Date : 2013-09-11

Model No.	:	CREMA-0610L-B	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 44 % R.H.
Test Condition	:	PC LINK	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV





Results of Conducted Emission

Digital EMC
Date : 2013-09-11

Model No.	:	CREMA-0610L-B	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 44 % R.H.
Test Condition	:	PC LINK	Operator	:	

Memo :

LIMIT : CISPR22_B QP
CISPR22_B AV

NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.15572	53.6	23.7	0.1	53.7	23.8	65.7	55.7	12.0	31.9	N
2	0.20608	49.0	30.7	0.1	49.1	30.8	63.4	53.4	14.3	22.6	N
3	0.42648	35.7	22.7	0.1	35.8	22.8	57.3	47.3	21.5	24.5	N
4	4.84380	32.6	23.4	0.5	33.1	23.9	56.0	46.0	22.9	22.1	N
5	11.32780	29.9	22.9	0.7	30.6	23.6	60.0	50.0	29.4	26.4	N
6	0.15555	54.4	24.4	0.1	54.5	24.5	65.7	55.7	11.2	31.2	L1
7	0.20556	50.2	30.4	0.1	50.3	30.5	63.4	53.4	13.1	22.9	L1
8	0.42679	35.2	20.3	0.1	35.3	20.4	57.3	47.3	22.0	26.9	L1
9	4.62940	30.9	21.6	0.5	31.4	22.1	56.0	46.0	24.6	23.9	L1
10	12.98620	34.1	27.4	0.7	34.8	28.1	60.0	50.0	25.2	21.9	L1

6.2 Radiated Disturbance

6.2.1 Measurement Procedure

The radiated disturbance was measured and set-up was made accordance with **ANSI C63.4.**
If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 3 m or 10 m away from the interference receiving antenna in the **10m semi-anechoic chamber.**
Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.
Rotate the EUT from (0 - 360)° and position the receiving antenna at heights from (1 - 4) m above the reference ground plane continuously to determine associated with higher emission levels and record them.
The measurement was made in both the vertical and horizontal polarization, and the maximum value is presented in the report.
For below 1 GHz frequency range, Quasi-Peak detector with 120 kHz RBW was used.
Also Peak and Average detector with 1 MHz RBW were used for above 1 GHz frequency range.
For further description of the configuration refer to the picture of the test set-up.

6.2.2 Limit for Radiated Disturbance

- The test frequency range of Radiated Disturbance measurements are listed below.

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 108	1 000
108 – 500	2 000
500 – 1 000	5 000
Above 1 000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

(1) Limit for Radiated Emission below 1 000MHz

Frequency range (MHz)	Class A Equipment (10 m distance)	Class B Equipment (3 m distance)
	Quasi-peak (dBμV/m)	Quasi-peak (dBμV/m)
30 to 88	39.1	40
88 to 216	43.5	43.5
216 to 960	46.4	46
960 to 1 000	49.5	54
Note 1 The lower limit shall apply at the transition frequency. Note 2 Additional provisions may be required for cases where interference occurs. Note 3 According to 15.109(g), as an alternative to the radiated emission limit shown above, digital devices may be shown to comply with the standards(CISPR), Pub. 22 shown as below.		
Frequency range (MHz)	**Class A Equipment (10 m distance)**	**Class B Equipment (10 m distance)**
	Quasi-peak (dBμV/m)	**Quasi-peak (dBμV/m)**
30 to 230	40	30
230 to 1 000	47	37

(2) Limits for Radiated Emission above 1 000MHz at a measuring distance of 3 m

Frequency (GHz)	Class A Equipment		Class B Equipment	
	Peak (dBμV/m)	Average (dBμV/m)	Peak (dBμV/m)	Average (dBμV/m)
1 to 40	80	60	74	54

Note) 1. Emission Level = Reading Value + Correction Factor.
2. Correction Factor = Cable loss - Amp gain + Antenna Factor
3. Margin = Limit - Emission level

Test Result

< 30 MHz ~ 1 GHz _ CHARGING + PLAY MODE >

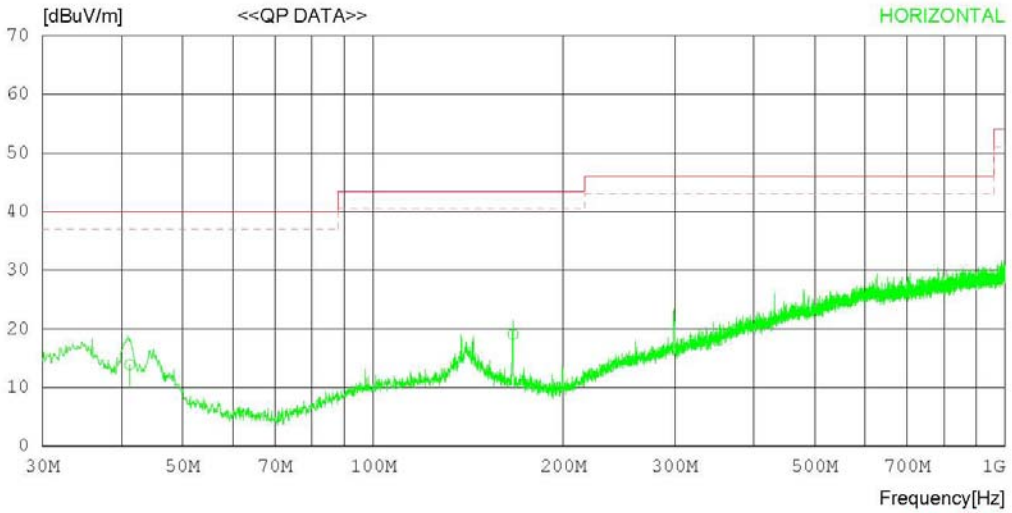
RADIATED EMISSION

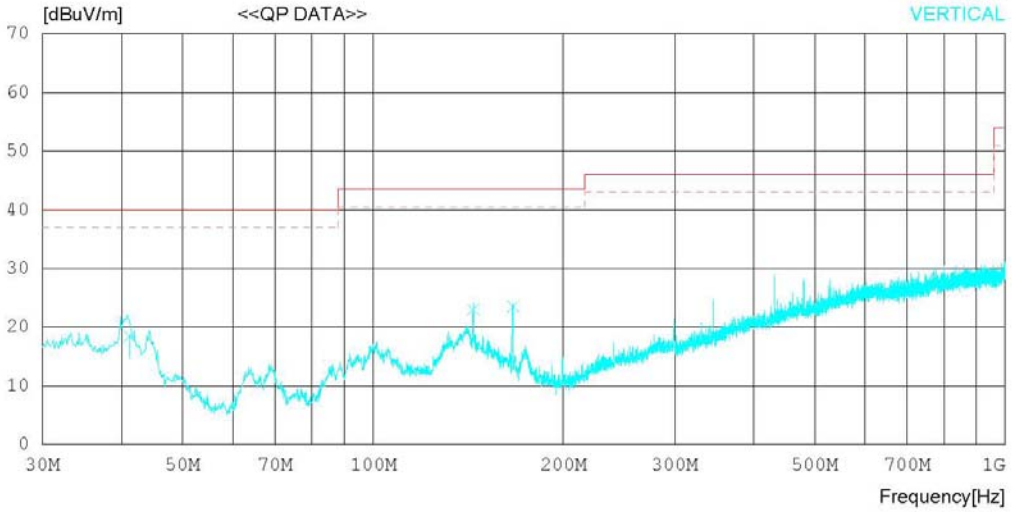
Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H.
Test Condition	:	Charging + Play	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB





RADIATED EMISSION

Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H.
Test Condition	:	Charging + Play	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	41.204	24.9	11.2	2.0	24.2	13.9	40.0	26.1	100	148
2	166.524	30.1	9.6	3.4	24.1	19.0	43.5	24.5	400	224
----- Vertical ------										
3	41.209	29.5	11.2	2.0	24.2	18.5	40.0	21.5	100	253
4	144.074	33.2	10.9	3.1	24.2	23.0	43.5	20.5	100	248
5	166.694	34.7	9.6	3.4	24.1	23.6	43.5	20.0	100	54

< (1 ~ 6) GHz _ Peak _ CHARGING + PLAY MODE >

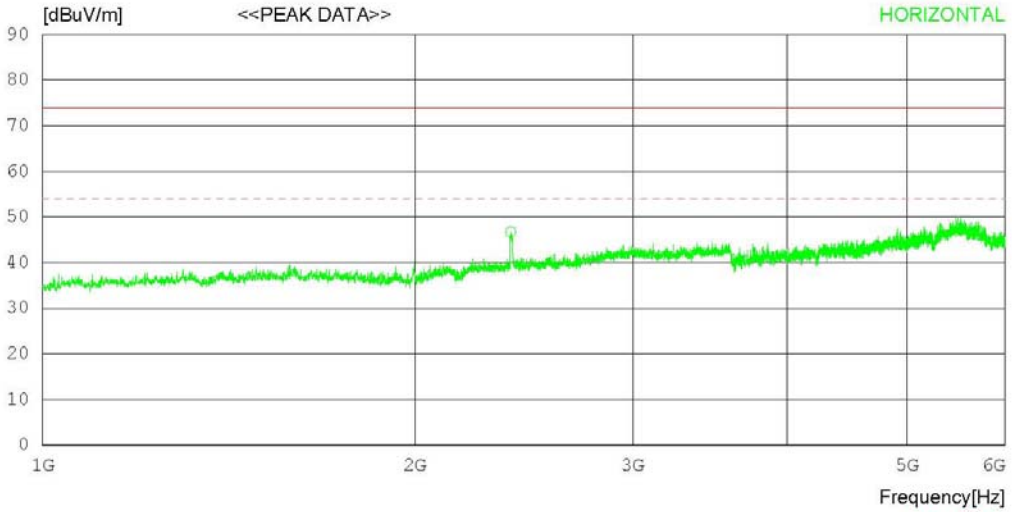
RADIATED EMISSION

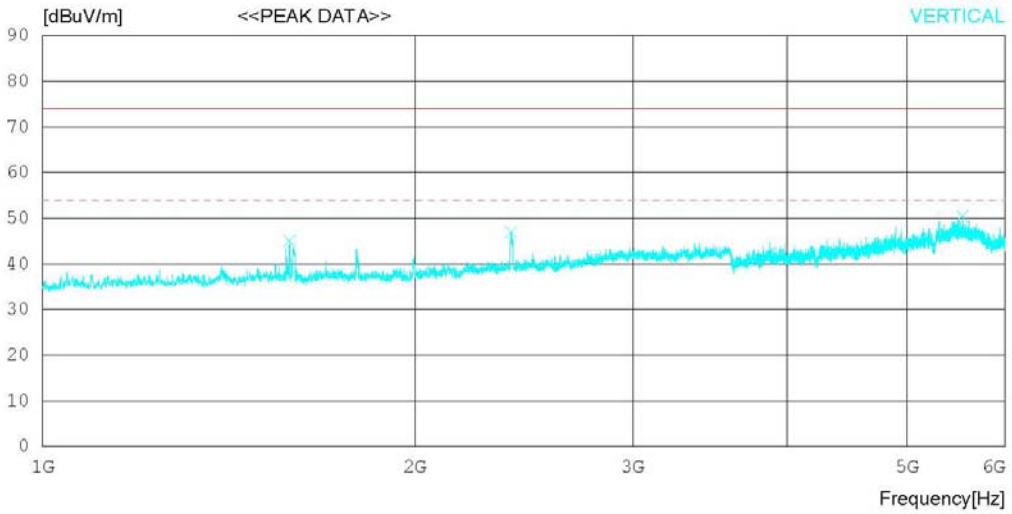
Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H.
Test Condition	:	Charging + Play	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)





RADIATED EMISSION

Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H.
Test Condition	:	Charging + Play	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	2390.000	54.3	26.6	5.1	39.3	46.7	74.0	27.3	100	73
----- Vertical ------										
2	1583.750	56.0	24.9	4.2	40.0	45.1	74.0	28.9	100	40
3	2391.875	54.4	26.7	5.1	39.3	46.9	74.0	27.1	100	157
4	5541.875	45.9	35.0	8.0	38.3	50.6	74.0	23.4	100	0

< (1 ~ 6) GHz _ Average _ CHARGING + PLAY MODE >

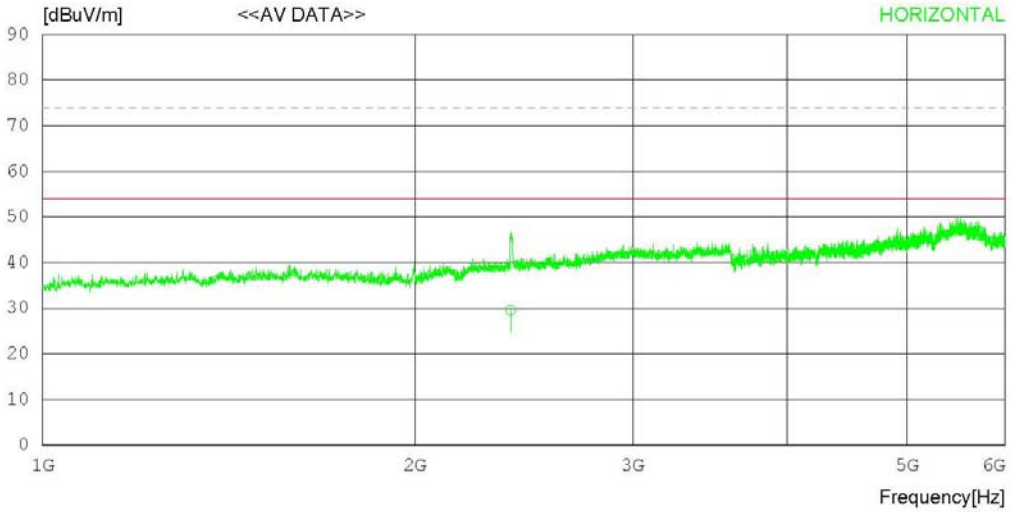
RADIATED EMISSION

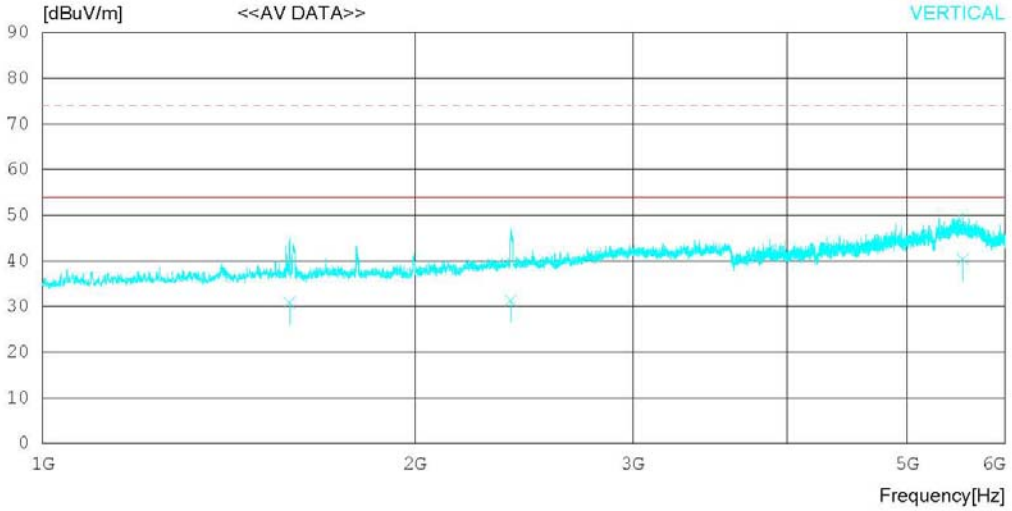
Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H.
Test Condition	:	Charging + Play	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)





RADIATED EMISSION

Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H.
Test Condition	:	Charging + Play	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	2390.485	37.2	26.6	5.1	39.3	29.6	54.0	24.4	100	123
----- Vertical ------										
2	1583.912	41.8	24.9	4.2	40.0	30.9	54.0	23.1	100	154
3	2390.431	38.9	26.6	5.1	39.3	31.3	54.0	22.7	100	195
4	5544.881	35.7	35.0	8.0	38.3	40.4	54.0	13.6	100	216

< 30 MHz ~ 1 GHz _ PC LINK MODE >

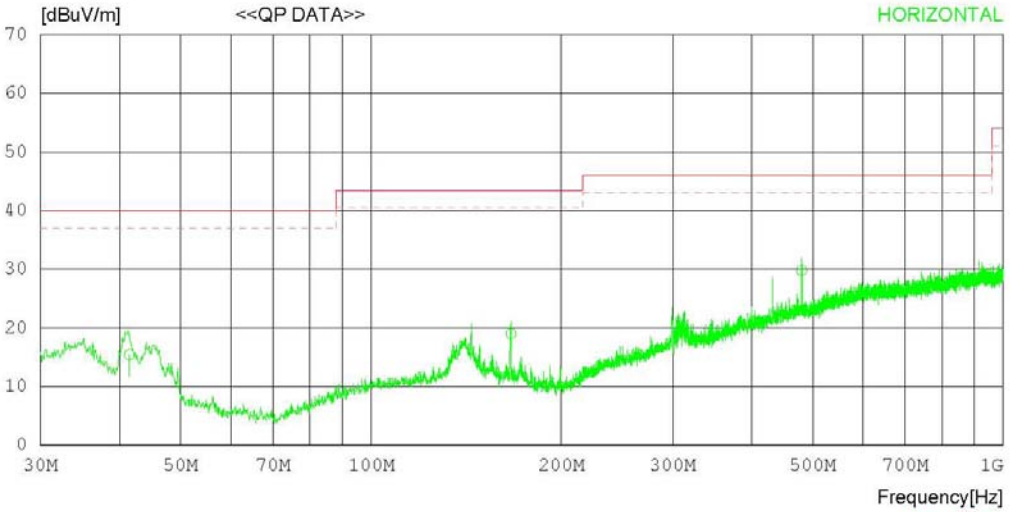
RADIATED EMISSION

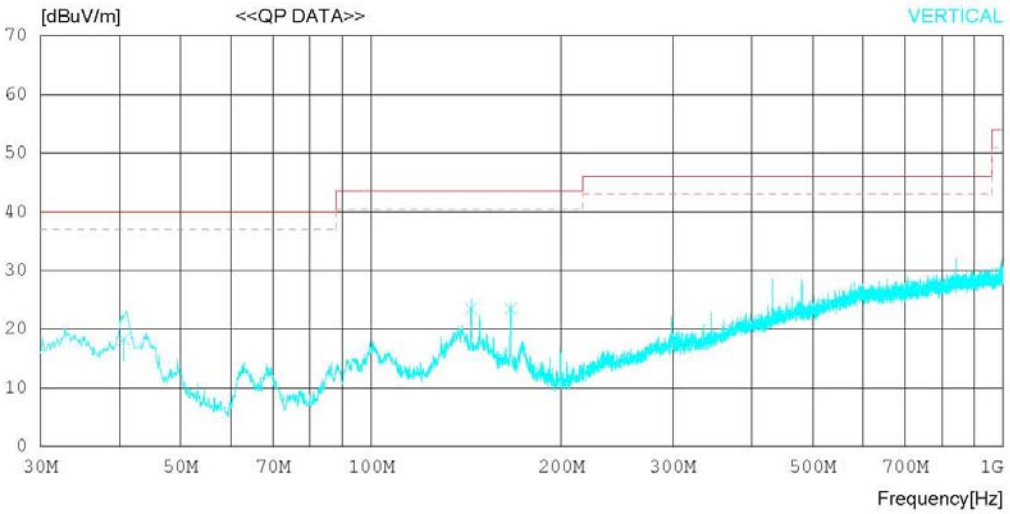
Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H.
Test Condition	:	PC LINK	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB





RADIATED EMISSION

Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H.
Test Condition	:	PC LINK	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	41.452	26.3	11.3	2.0	24.2	15.4	40.0	24.6	201	119
2	166.501	30.1	9.6	3.4	24.1	19.0	43.5	24.5	400	246
3	480.007	29.8	17.1	6.0	23.1	29.8	46.0	16.2	246	157
----- Vertical ------										
4	40.658	29.3	11.2	2.0	24.2	18.3	40.0	21.7	100	162
5	144.012	33.7	10.9	3.1	24.2	23.5	43.5	20.0	100	215
6	166.511	34.6	9.6	3.4	24.1	23.5	43.5	20.0	100	331

< (1 ~ 6) GHz _ Peak _ PC LINK MODE >

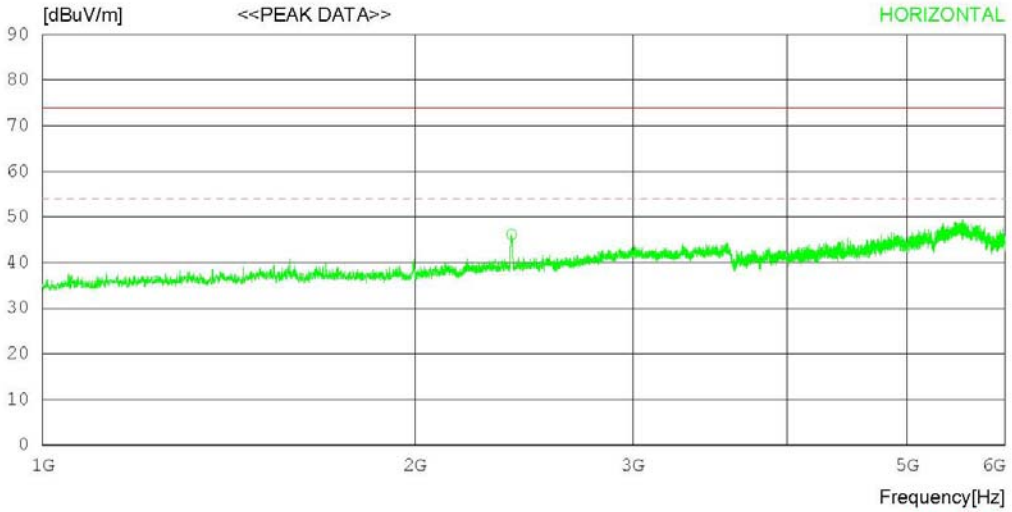
RADIATED EMISSION

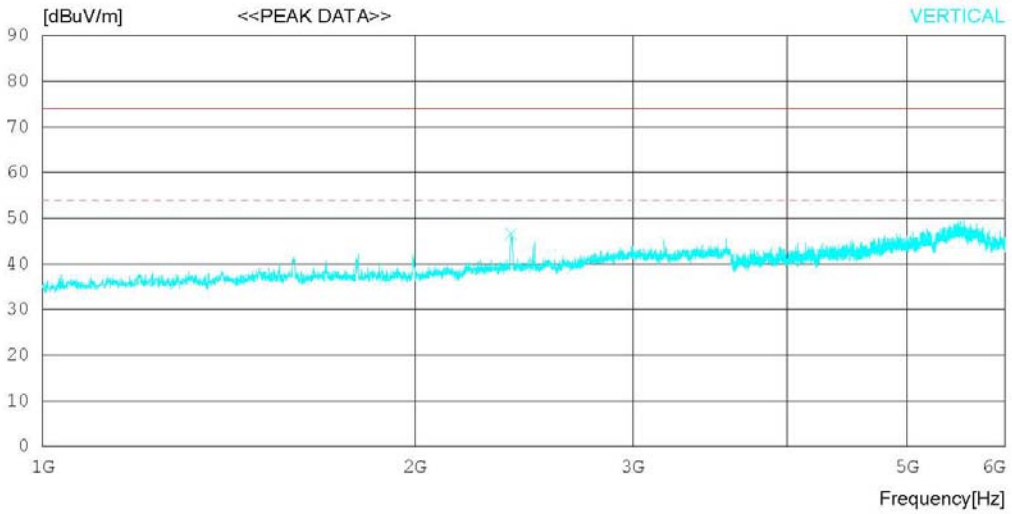
Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H
Test Condition	:	PC LINK	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)





RADIATED EMISSION

Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H
Test Condition	:	PC LINK	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Peak)
FCC Part15 Subpart.B Class B (3m) - 18G(Avg)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	2394.375	53.7	26.7	5.1	39.3	46.2	74.0	27.8	100	71
----- Vertical ------										
2	2391.250	54.1	26.7	5.1	39.3	46.6	74.0	27.4	100	359

< (1 ~ 6) GHz _ Average _ PC LINK MODE >

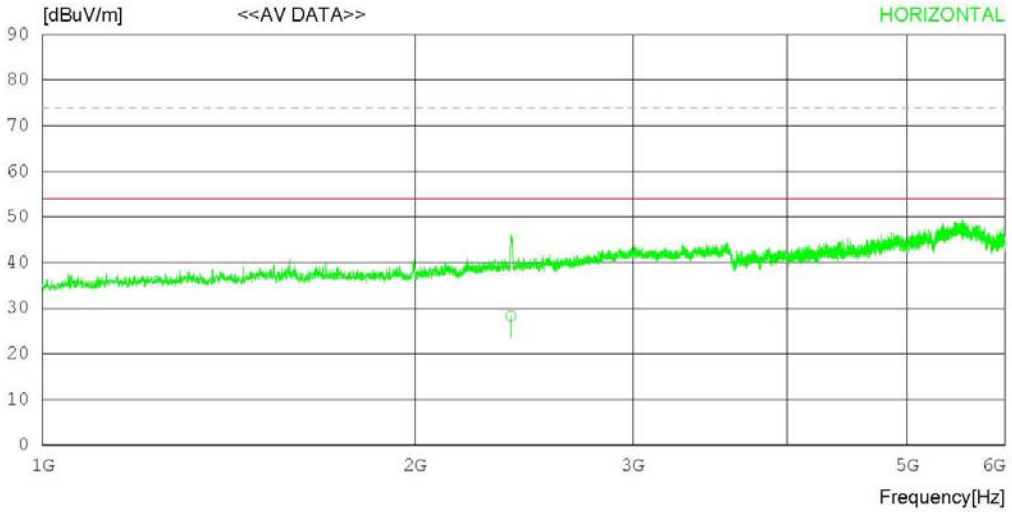
RADIATED EMISSION

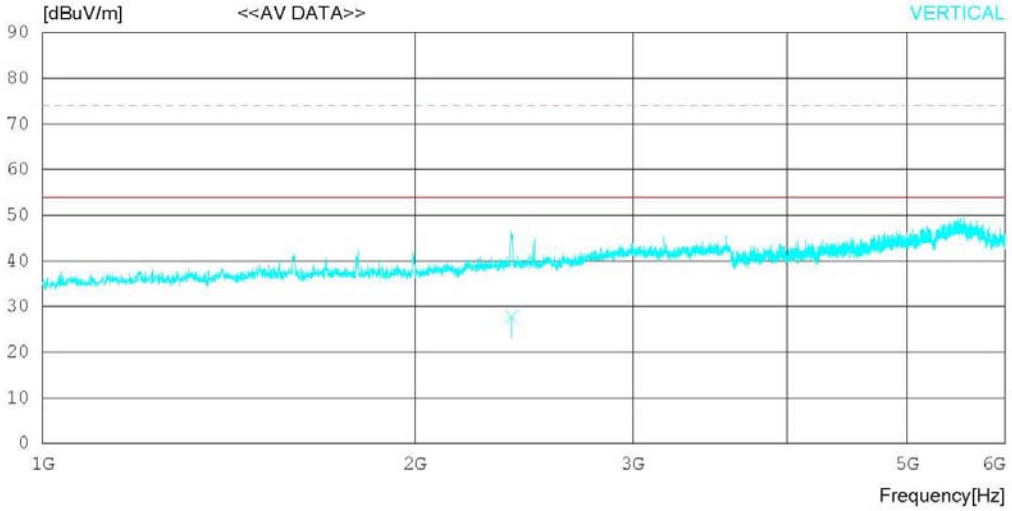
Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H
Test Condition	:	PC LINK	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)





RADIATED EMISSION

Date : 2013-09-09

Model Name	:	CREMA-0610L-B	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	24 'C 55 % R.H
Test Condition	:	PC LINK	Operator	:	

Memo :

LIMIT : FCC Part15 Subpart.B Class B (3m) - 18G(Avg)
FCC Part15 Subpart.B Class B (3m) - 18G(Peak)

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	2390.514	35.9	26.6	5.1	39.3	28.3	54.0	25.7	100	105
----- Vertical ------										
2	2393.820	35.3	26.7	5.1	39.3	27.8	54.0	26.2	100	229

Appendix 1

List of Test and Measurement Instruments

To facilitate inclusion on each page of the test equipment used for related tests, each item of test equipment is identified by the Test Laboratory.

1. Conducted Disturbance

Name of Instrument		Model No.	Manufacturer	Serial No.	Cal. Date	Next Cal. Date
☐	SPECTRUM ANALYZER	8591E	H/P	3649A05889	2013.02.28	2014.02.28
☐	RFI/FIELD INTENSITY METER	KNM-2402	KYORITSU	4N-170-3	2013.06.28	2014.06.28
☐	LISN	KNW-407	KYORITSU	8-317-8	2013.01.08	2014.01.08
☐	LISN	PMM L2-16B	NARDA S.T.S. / PMM	000WX20305	2013.06.27	2014.06.27
☐	50 OHM TERMINATOR	CT-01	TME	N/A	2013.01.08	2014.01.08
☒	EMI TEST RECEIVER	ESCI	ROHDE & SCHWARZ	100364	2013.02.27	2014.02.27
☒	LISN	ESH2-Z5	ROHDE & SCHWARZ	828739/006	2013.09.12	2014.09.12
☐	LISN	LISN1600	TTI	197204	2013.06.28	2014.06.28
☐	50 OHM TERMINATOR	CT-01	TME	N/A	2013.01.08	2014.01.08

2. Radiated Disturbance

Name of Instrument		Model No.	Manufacturer	Serial No.	Cal. Date	Next Cal. Date
☒	EMI TEST RECEIVER	ESU	ROHDE & SCHWARZ	100014	2013.01.08	2014.01.08
☒	BILOG ANTENNA	CBL6112B	SCHAFFNER	2737	2012.03.22	2014.03.22
☒	HORN ANTENNA	BBHA9120A	SCHWARZBECK	322	2012.05.15	2014.05.15
☒	AMPLIFIER	8447B	AGILENT	3008A01590	2013.02.27	2014.02.27
☒	AMPLIFIER	8447E	H/P	2945A02865	2013.01.08	2014.01.08
☐	SPECTRUM ANALYZER	E4411B	AGILENT	US41062735	2013.06.27	2014.06.27
☐	AMPLIFIER	8447D	AGILENT	2443A03690	2013.06.28	2014.06.28
☐	BILOG ANTENNA	CBL6112B	SCHAFFNER	2737	2012.03.22	2014.03.22
☐	EMI TEST RECEIVER	ESCI	ROHDE & SCHWARZ	100364	2013.02.27	2014.02.27
☐	BICONICAL ANT.	VHA 9103	SCHWARZBECK	91032789	2012.04.10	2014.04.10
☐	LOG-PERIODIC ANT.	UHALP 9108A	SCHWARZBECK	590	2012.04.10	2014.04.10
☐	BICONICAL ANT.	VHA 9103	SCHWARZBECK	91031946	2012.03.12	2014.03.12
☐	LOG-PERIODIC ANT.	UHALP 9108-A1	SCHWARZBECK	1098	2012.03.12	2014.03.12
☐	AMPLIFIER	MLA-100K01-B01-26	TSJ	1252741	2013.02.28	2014.02.28

Appendix 2

Report Revision History

Revision Date	Description	Revised By	Revision Reviewed By
None	Original	N/A	N/A