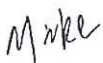



Test Report Number:	LCZE16030011						
Applicant Name:	Energy Recovery Products (Zhuhai) Co.,Ltd						
Applicant Address:	F building No.8,Pingdong Road 2, Nanping Science Park, Zhuhai, Guangdong China 519060						
Test item:	LED Driver						
Model / Type Reference:	See section 4.2 ratings and system details						
Date of Issue:	2016-04-21						
Testing Laboratory:	LCTECH (Zhongshan) Testing Service Co.,Ltd 2/F.,Technology and Enterprise Development Center, Guangyuan Road, Xiaolan, Zhongshan, Guangdong, China						
Test Specification:	FCC PART 15 Subpart B:2013						
Test Result:	Passed						
Compiled by:				Reviewed by:			
2016-04-21	Mike		2016-04-21	Gordon Xie			
<i>Date</i>	<i>Name</i>	<i>Signature</i>	<i>Date</i>	<i>Name</i>	<i>Signature</i>		
Remark:							
N/A							
<p>The duplication of this report or parts of it and its use for advertising purposes is only allowed with permission of the testing laboratory. This report contains the result of the examination of the product sample submitted by the applicant. A general statement concerning the quality of the products from the series manufacture cannot be derived therefore.</p>							



TEST SUMMARY

- 5.1 MAINS TERMINAL CONTINUOUS DISTURBANCE VOLTAGE
RESULT: Pass
- 5.2 RADIATED EMISSION
RESULT: Pass



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1 General Remarks

When applying the basic standards in this test report, please refer to the applied generic or product family standards for edition information:
For dated basic standards, only the edition cited applies. For undated basic standards, the latest edition (including any amendments) applies.

1.1 Complementary Materials

Constructional Data form

2 Measurement Uncertainty

Test Item	Uncertainty
Uncertainty for Conduction emission test	3.26dB
Uncertainty for Radiation Emission test	3.14 dB (Polarize: V)
	3.16 dB (Polarize: H)

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3 Test Sites

3.1 Test Facilities

A. LCTECH (Zhongshan) Testing Service Co.,Ltd

Add: 2/F.,Technology and Enterprise Development Center, Guangyuan Road, Xiaolan, Zhongshan, Guangdong, China

CNAS Registration Number:L3337

FCC Registration Number: 899311

Industry Canada site registration number:12114A-1

3.2 Testing

Date of receipt of test item : 2016-03-03

LCTECH (Zhongshan) Testing Service Co.,Ltd
Add: 2/F.,Technology and Enterprise Development Center,
Guangyuan Road,Xiaolan, Zhongshan, Guangdong, China

Tel:+86-760-22833366

Fax:+86-760-22833399

E-mail:Service@lccert.com

<http://www.lccert.com>



Date (s) of performance of tests : 2016-03-04 to 2016-04-18

3.3 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (yyyy-mm-dd)	Cal.Due date (yyyy-mm-dd)
Radiated Emission						<input checked="" type="checkbox"/>
1	EMI Test Receiver	R&S	ESCI 7	100965	2015-09-08	2016-09-08
2	Log-periodic Dipole Antenna	Schwarzbeck	VULB 9162	058	2016-01-29	2017-01-28
3	Pre-Amplifier	SCHWARZBECK	BBV9743	9743-143	2016-01-29	2017-01-28
4	3m Semi-anechoic	Zhongshuo Electronics	9mx6mx6m	N/A	2016-01-29	2017-01-28
Disturbance Voltage						<input checked="" type="checkbox"/>
5	EMI Test Receiver	Rohde&Schwarz	ESCI	100939	2015-08-29	2016-08-28
6	Artificial Mains Network	Rohde&Schwarz	ENV216	3560655012	2015-08-29	2016-08-28
7	Shield Room	ZhongYu Eletron	8X5X3.5	N/A	2015-08-29	2016-08-28
8	Conducted Emission Software	FALA	EZ-EMC	N/A	N/A	N/A

☐: Not Used

☒: Used



4 General Product Information

According to the declaration from the applicant, this report covers the model as below: See section 4.2 ratings and system details. These models have the same internal configuration and PCB layout, the difference of these models was power, Therefore two models EVM060W-1400-42-C0B and EVM120W-3000-40 were fully tested in the report.

1. PPP designate: If $40W < P_{out} \leq 50W$, PPP=050, If $50W < P_{out} \leq 60W$, PPP=060, If $60W < P_{out} \leq 70W$, PPP=070, If $70W < P_{out} \leq 80W$, PPP=080, If $80W < P_{out} \leq 90W$, PPP=090, If $90W < P_{out} \leq 100W$, PPP=100, If $100W < P_{out} \leq 110W$, PPP=110, If $110W < P_{out} \leq 120W$, PPP=120, If $120W < P_{out} \leq 130W$, PPP=130, If $130W < P_{out} \leq 140W$, PPP=140;
2. If AC input is 120VAC, A=U, If AC input is 120-277VAC, A=W, If AC input is 277VAC, A=V, If AC input is 230VAC, A=E;
3. XXXX means regulated output current, which is not greater than max output regulated current within the output voltage range;
4. VV means regulated output voltage, which is not greater than max output regulated voltage within the output current range;
5. YYYYY (Y =0~9, A~Z or blank, for marketing purpose only);
6. ZZZZZ (Y=0~9, A~Z or blank, for marketing purpose only).

4.1 Product Description and Intended Use

Refer to Constructional Data Form and user manual.

4.2 Ratings and System Details

No.	Model No.	Input Voltage (Vac)	Max Output Power	Max output regulated current(A)	Min output regulated current (mA)	Output Voltage Range (Vdc)
1	EVMPPPA-XXXX-VV-YYYY-ZZZZ	A	140.0	4.100	100.0	$15 < V_{out} \leq 110$

4.3 Independent Operation Modes

The basic operation modes are:

- A. Test in lighting mode



4.4 Noise Generating and Noise Suppressing Parts

Refer to the Constructional Data Form

4.5 Submitted Documents

Difference declaration
Rating Label
Circuit diagram
User manual
PCB layout



4.6 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.

4.7 Physical Configuration for Testing

Refer to the related chapter in this test report.

4.8 Test Operation and Test Software

Refer to test set up in chapter 5.

All testing were performed according to the procedures in ANSI C63.10: 2013.

4.9 Special Accessories and Auxiliary Equipment

None

4.10 Countermeasures to achieve EMC Compliance

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

5 Test Results EMISSION

5.1 Conducted Emission

Results:

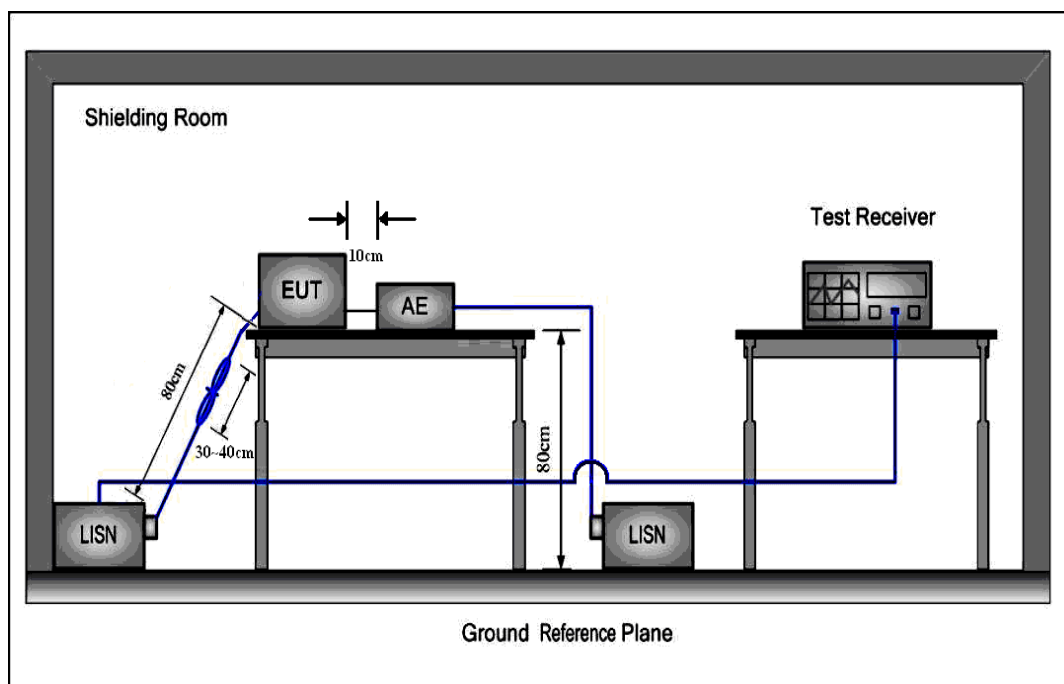
Pass

Date of testing : 18 April 2016
 Test procedure : ANSI C63.4:2014
 Frequency range : 0.15- 30MHz
 Kind of test site : shielded room
 Limits : FCC PART 15 Subpart B: 2013

Test setup

Input Voltage : 120Vac& 277Vac, 60Hz
 Operation Mode : Test in lighting mode
 Artificial Hand : Not applied
 Earthing : Not applied
 Temperature : 24°C
 Humidity : 60%
 Air pressure : 101KPA

Test Connection Diagram

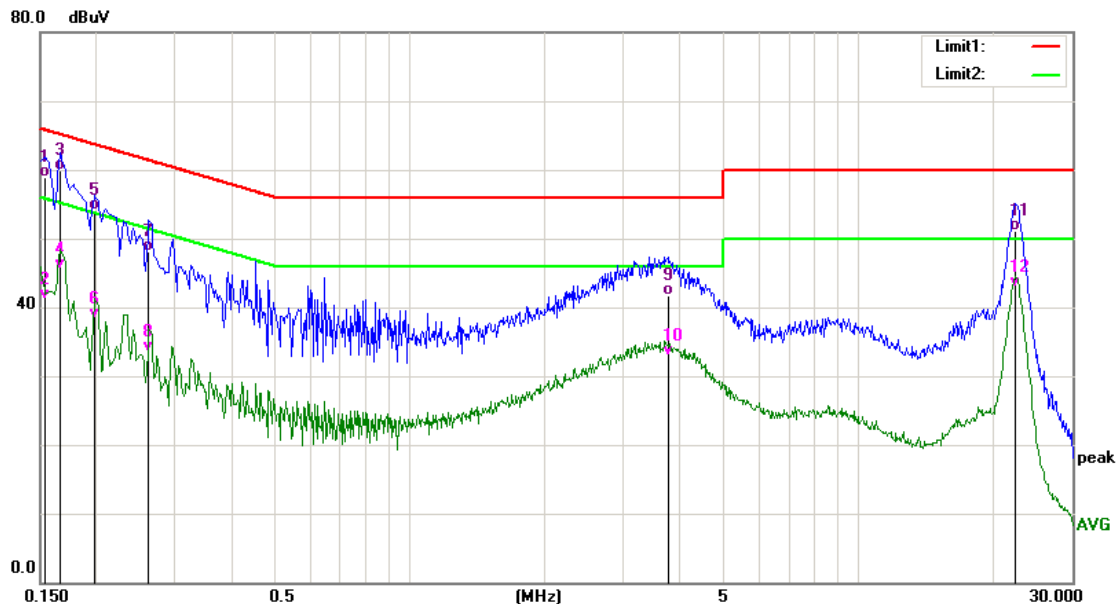


Test data

Model: EVM060W-1400-42-C0B with 120Vac,60Hz

Peak and Average Scan:

Live:

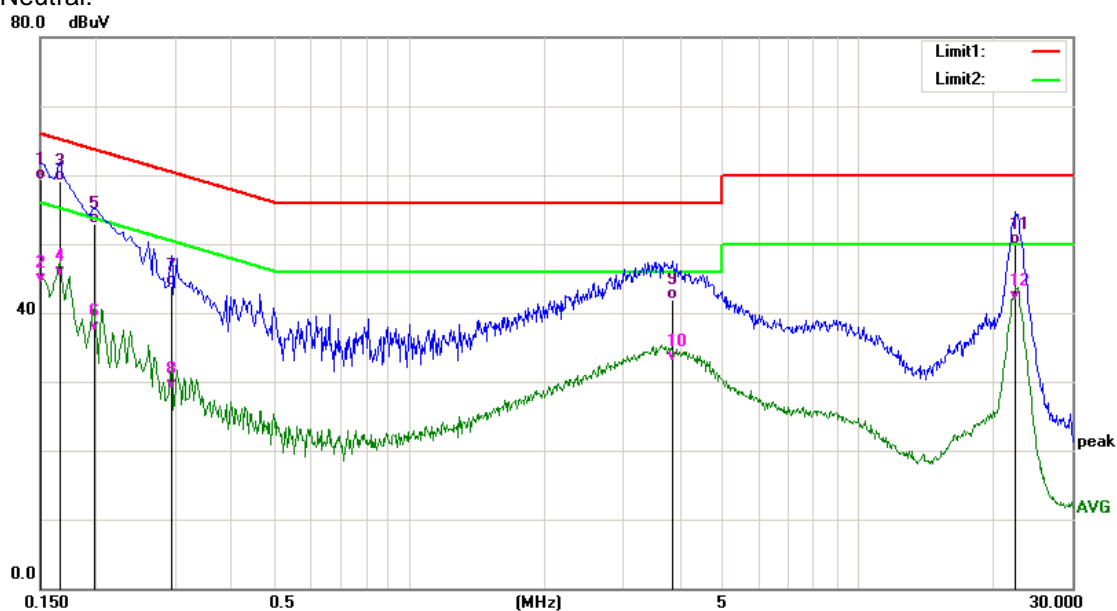


Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1539	49.36	9.64	59.00	65.78	-6.78	QP
2	0.1539	31.53	9.64	41.17	55.78	-14.61	AVG
3	0.1660	50.31	9.65	59.96	65.15	-5.19	QP
4	0.1660	35.95	9.65	45.60	55.15	-9.55	AVG
5	0.1980	44.36	9.66	54.02	63.69	-9.67	QP
6	0.1980	28.65	9.66	38.31	53.69	-15.38	AVG
7	0.2620	38.55	9.65	48.20	61.36	-13.16	QP
8	0.2620	23.91	9.65	33.56	51.36	-17.80	AVG
9	3.7740	31.97	9.81	41.78	56.00	-14.22	QP
10	3.7740	23.02	9.81	32.83	46.00	-13.17	AVG
11	22.4820	40.59	10.61	51.20	60.00	-8.80	QP
12	22.4820	32.21	10.61	42.82	50.00	-7.18	AVG

Peak and Average Scan:

Neutral:



Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	49.63	9.64	59.27	65.99	-6.72	QP
2	0.1500	34.61	9.64	44.25	55.99	-11.74	AVG
3	0.1660	49.44	9.65	59.09	65.15	-6.06	QP
4	0.1660	35.57	9.65	45.22	55.15	-9.93	AVG
5	0.1980	43.23	9.66	52.89	63.69	-10.80	QP
6	0.1980	27.74	9.66	37.40	53.69	-16.29	AVG
7	0.2940	34.29	9.66	43.95	60.41	-16.46	QP
8	0.2940	19.30	9.66	28.96	50.41	-21.45	AVG
9	3.8500	32.11	9.81	41.92	56.00	-14.08	QP
10	3.8500	23.05	9.81	32.86	46.00	-13.14	AVG
11	22.4660	39.28	10.61	49.89	60.00	-10.11	QP
12	22.4660	31.13	10.61	41.74	50.00	-8.26	AVG

Test data

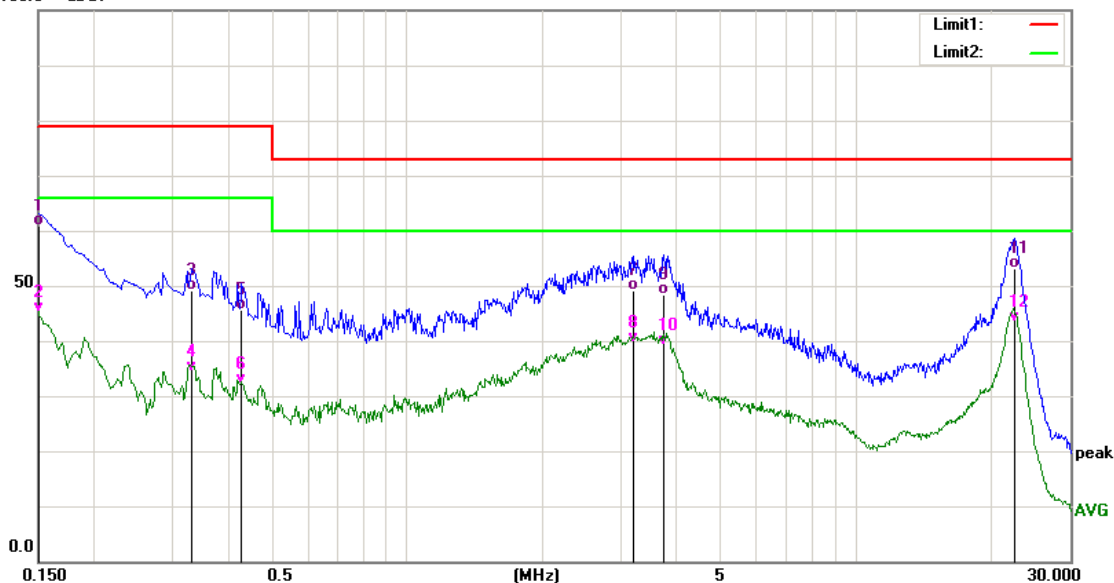
Model: EVM060W-1400-42-C0B with 277Vac,60Hz

(Customer declaration use for in a industrial environment, so with class A limit)

Peak and Average Scan:

Live:

100.0 dBuV



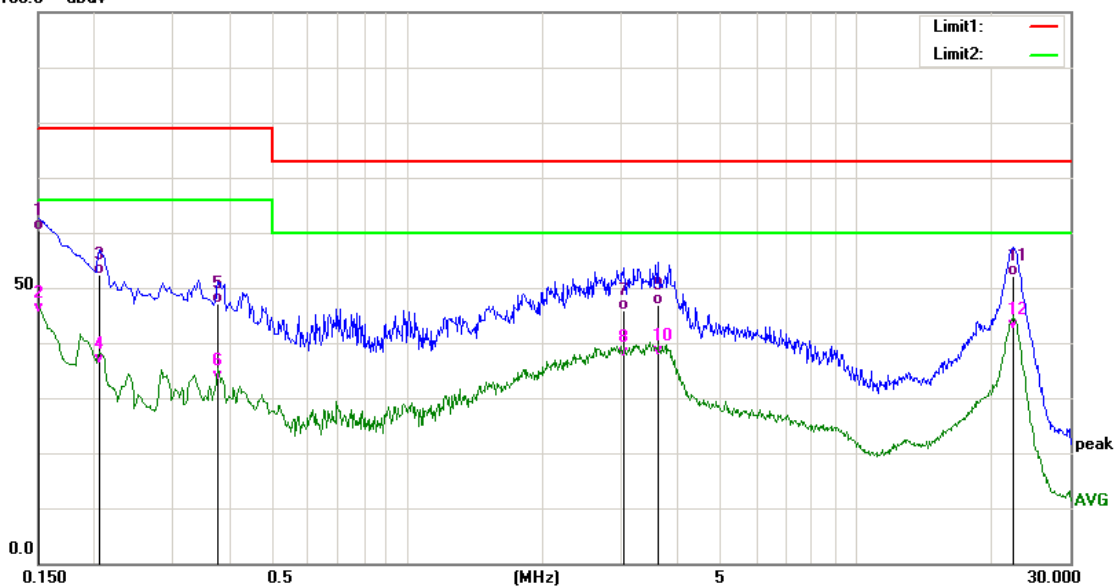
Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	51.31	9.64	60.95	79.00	-18.05	QP
2	0.1500	35.55	9.64	45.19	66.00	-20.81	AVG
3	0.3300	39.36	9.67	49.03	79.00	-29.97	QP
4	0.3300	24.63	9.67	34.30	66.00	-31.70	AVG
5	0.4260	35.91	9.68	45.59	79.00	-33.41	QP
6	0.4260	22.38	9.68	32.06	66.00	-33.94	AVG
7	3.1780	39.42	9.79	49.21	73.00	-23.79	QP
8	3.1780	29.87	9.79	39.66	60.00	-20.34	AVG
9	3.7300	38.70	9.80	48.50	73.00	-24.50	QP
10	3.7300	29.42	9.80	39.22	60.00	-20.78	AVG
11	22.5700	42.52	10.61	53.13	73.00	-19.87	QP
12	22.5700	32.83	10.61	43.44	60.00	-16.56	AVG

Peak and Average Scan:

Neutral:

100.0 dBuV



Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	50.79	9.64	60.43	79.00	-18.57	QP
2	0.1500	35.73	9.64	45.37	66.00	-20.63	AVG
3	0.2060	42.72	9.66	52.38	79.00	-26.62	QP
4	0.2060	26.56	9.66	36.22	66.00	-29.78	AVG
5	0.3780	37.46	9.68	47.14	79.00	-31.86	QP
6	0.3780	23.47	9.68	33.15	66.00	-32.85	AVG
7	3.0300	36.10	9.79	45.89	73.00	-27.11	QP
8	3.0300	27.69	9.79	37.48	60.00	-22.52	AVG
9	3.6060	37.11	9.80	46.91	73.00	-26.09	QP
10	3.6060	27.73	9.80	37.53	60.00	-22.47	AVG
11	22.3620	41.43	10.61	52.04	73.00	-20.96	QP
12	22.3620	31.80	10.61	42.41	60.00	-17.59	AVG

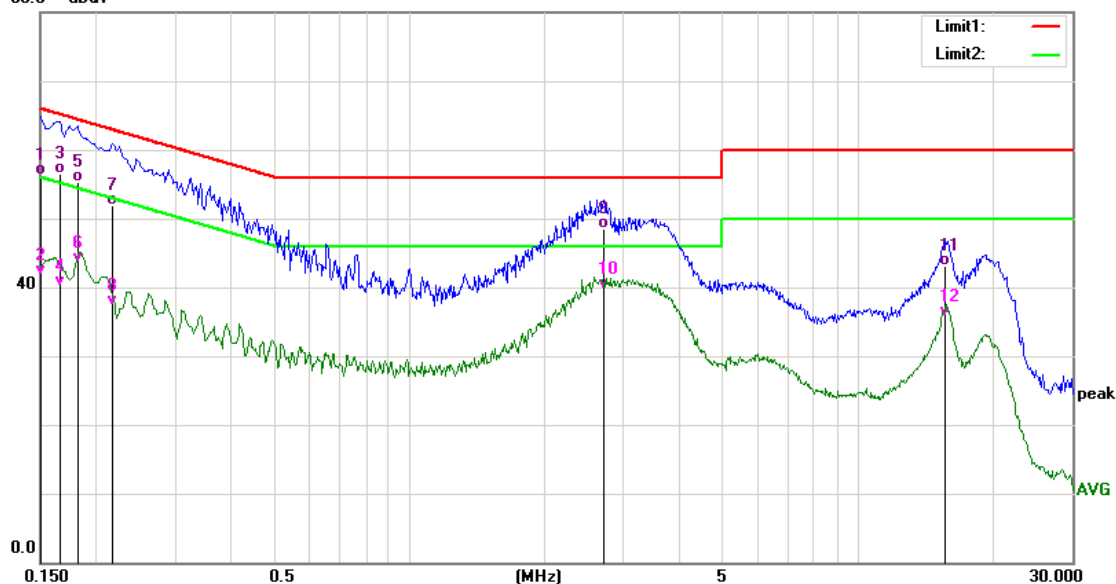
Test data

Model: EVM120W-3000-40 with 120Vac,60Hz

Peak and Average Scan:

Live:

80.0 dBuV

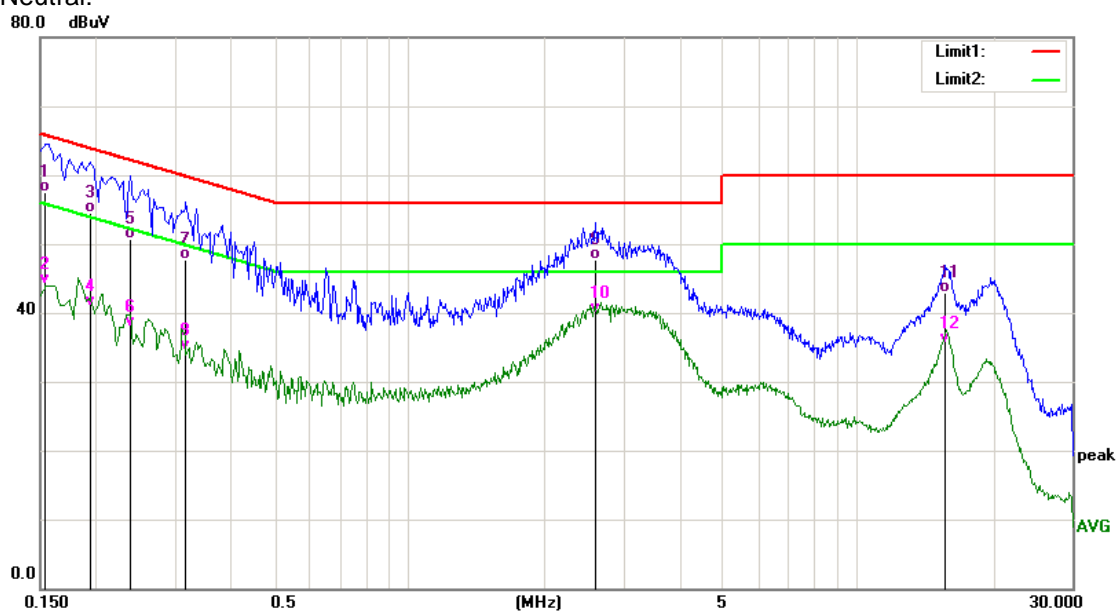


Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	46.64	9.64	56.28	65.99	-9.71	QP
2	0.1500	32.02	9.64	41.66	55.99	-14.33	AVG
3	0.1660	46.89	9.65	56.54	65.15	-8.61	QP
4	0.1660	30.45	9.65	40.10	55.15	-15.05	AVG
5	0.1819	45.68	9.65	55.33	64.39	-9.06	QP
6	0.1819	33.87	9.65	43.52	54.39	-10.87	AVG
7	0.2180	42.15	9.66	51.81	62.89	-11.08	QP
8	0.2180	27.58	9.66	37.24	52.89	-15.65	AVG
9	2.7139	38.71	9.79	48.50	56.00	-7.50	QP
10	2.7139	29.83	9.79	39.62	46.00	-6.38	AVG
11	15.6820	32.91	10.23	43.14	60.00	-16.86	QP
12	15.6820	25.41	10.23	35.64	50.00	-14.36	AVG

Peak and Average Scan:

Neutral:



Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1539	47.86	9.64	57.50	65.78	-8.28	QP
2	0.1539	34.55	9.64	44.19	55.78	-11.59	AVG
3	0.1940	44.81	9.66	54.47	63.86	-9.39	QP
4	0.1940	31.31	9.66	40.97	53.86	-12.89	AVG
5	0.2380	41.01	9.65	50.66	62.16	-11.50	QP
6	0.2380	28.17	9.65	37.82	52.16	-14.34	AVG
7	0.3180	37.98	9.66	47.64	59.76	-12.12	QP
8	0.3180	24.82	9.66	34.48	49.76	-15.28	AVG
9	2.6060	37.99	9.79	47.78	56.00	-8.22	QP
10	2.6060	30.03	9.79	39.82	46.00	-6.18	AVG
11	15.6740	32.66	10.23	42.89	60.00	-17.11	QP
12	15.6740	25.30	10.23	35.53	50.00	-14.47	AVG

Test data

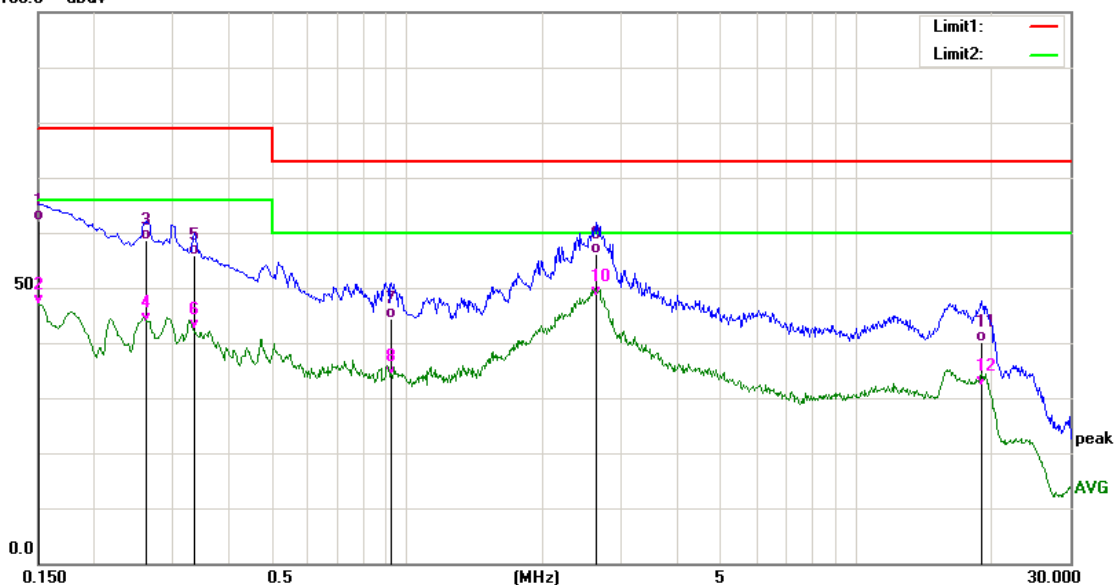
Model: EVM120W-3000-40 with 277Vac,60Hz

(Customer declaration use for in a industrial environment, so with class A limit)

Peak and Average Scan:

Live:

100.0 dBuV



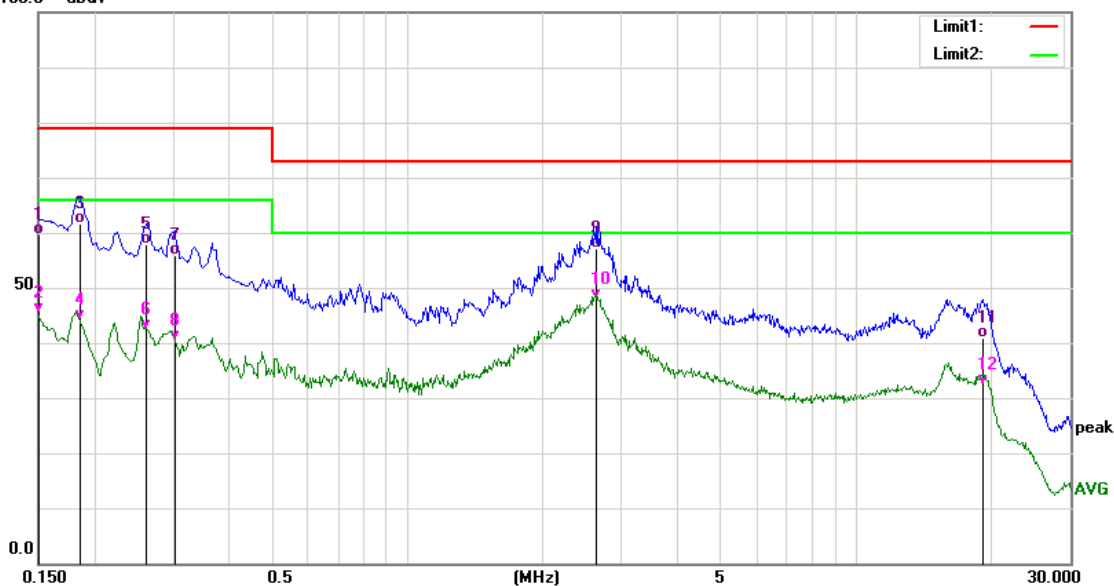
Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	52.45	9.64	62.09	79.00	-16.91	QP
2	0.1500	37.21	9.64	46.85	66.00	-19.15	AVG
3	0.2620	48.97	9.65	58.62	79.00	-20.38	QP
4	0.2620	33.95	9.65	43.60	66.00	-22.40	AVG
5	0.3339	46.22	9.67	55.89	79.00	-23.11	QP
6	0.3339	32.73	9.67	42.40	66.00	-23.60	AVG
7	0.9220	34.67	9.73	44.40	73.00	-28.60	QP
8	0.9220	24.14	9.73	33.87	60.00	-26.13	AVG
9	2.6380	46.46	9.79	56.25	73.00	-16.75	QP
10	2.6380	38.58	9.79	48.37	60.00	-11.63	AVG
11	19.1060	29.57	10.56	40.13	73.00	-32.87	QP
12	19.1060	21.69	10.56	32.25	60.00	-27.75	AVG

Peak and Average Scan:

Neutral:

100.0 dBuV



Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	50.11	9.64	59.75	79.00	-19.25	QP
2	0.1500	35.69	9.64	45.33	66.00	-20.67	AVG
3	0.1860	51.93	9.66	61.59	79.00	-17.41	QP
4	0.1860	34.46	9.66	44.12	66.00	-21.88	AVG
5	0.2620	48.33	9.65	57.98	79.00	-21.02	QP
6	0.2620	32.67	9.65	42.32	66.00	-23.68	AVG
7	0.3020	46.21	9.66	55.87	79.00	-23.13	QP
8	0.3020	30.65	9.66	40.31	66.00	-25.69	AVG
9	2.6420	47.37	9.79	57.16	73.00	-15.84	QP
10	2.6420	38.19	9.79	47.98	60.00	-12.02	AVG
11	19.1420	30.20	10.57	40.77	73.00	-32.23	QP
12	19.1420	21.78	10.57	32.35	60.00	-27.65	AVG

5.2 Radiated Emission

Results:

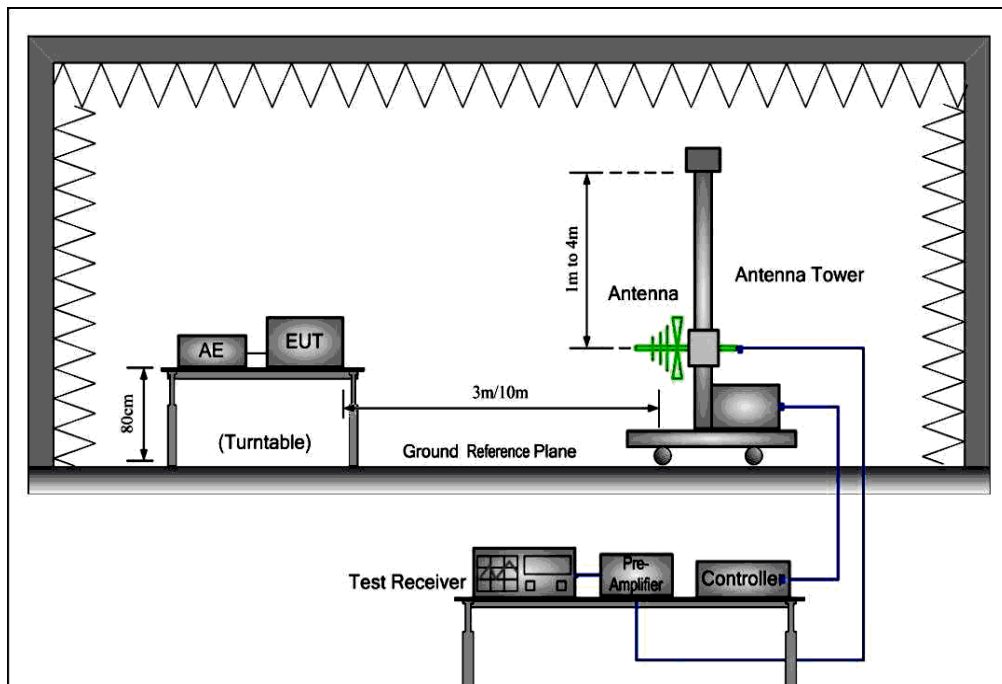
Pass

Date of testing : 18 April 2016
 Test procedure : ANSI C63.4:2014
 Frequency range : 30- 1000MHz
 Kind of test site : Semi-Anechoic chamber
 Limits : FCC PART 15 Subpart B: 2013

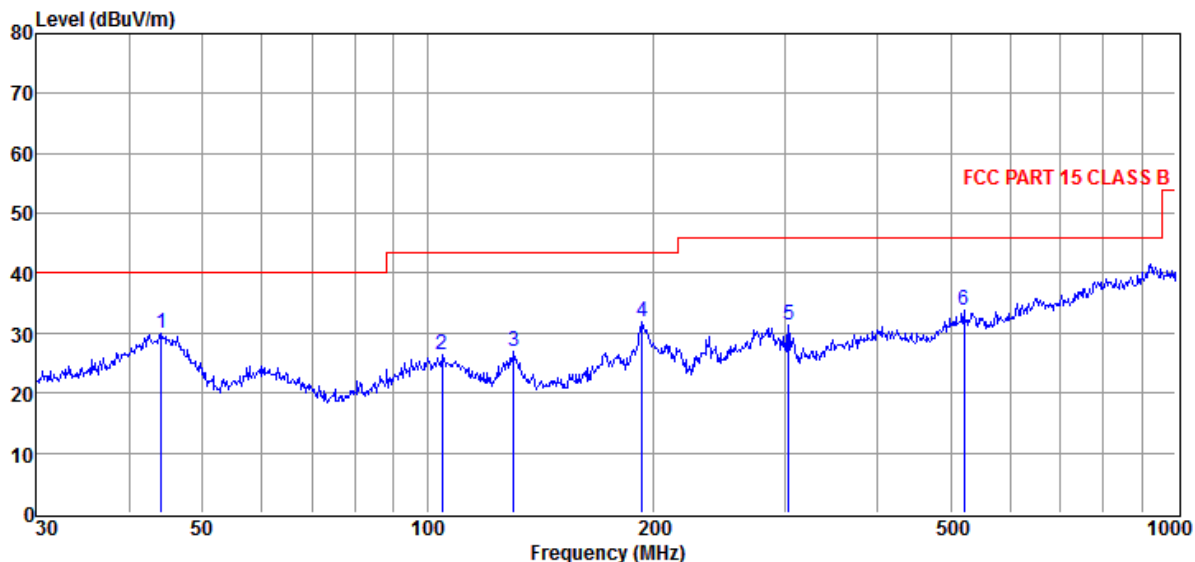
Test setup:

Input Voltage : 120Vac& 277Vac, 60Hz
 Operation Mode : Test in lighting mode
 Artificial Hand : Not applied
 Earthing : Not applied
 Temperature : 24°C
 Humidity : 60%
 Air pressure : 101KPA

Test Connection Diagram



Test Data:
Model: EVM060W-1400-42-C0B with 120Vac,60Hz

Peak Scan:
Horizontal

Quasi-peak measurement:

Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	44.12	12.50	16.94	0.00	0.64	30.08	40.00	-9.92	Peak	HORIZONTAL
2	104.54	13.45	11.98	0.00	1.04	26.47	43.50	-17.03	Peak	HORIZONTAL
3	130.38	17.26	8.38	0.00	1.17	26.81	43.50	-16.69	Peak	HORIZONTAL
4	193.77	20.72	9.60	0.00	1.45	31.77	43.50	-11.73	Peak	HORIZONTAL
5	303.54	17.41	12.08	0.00	1.90	31.39	46.00	-14.61	Peak	HORIZONTAL
6	520.89	13.20	17.93	0.00	2.69	33.82	46.00	-12.18	Peak	HORIZONTAL

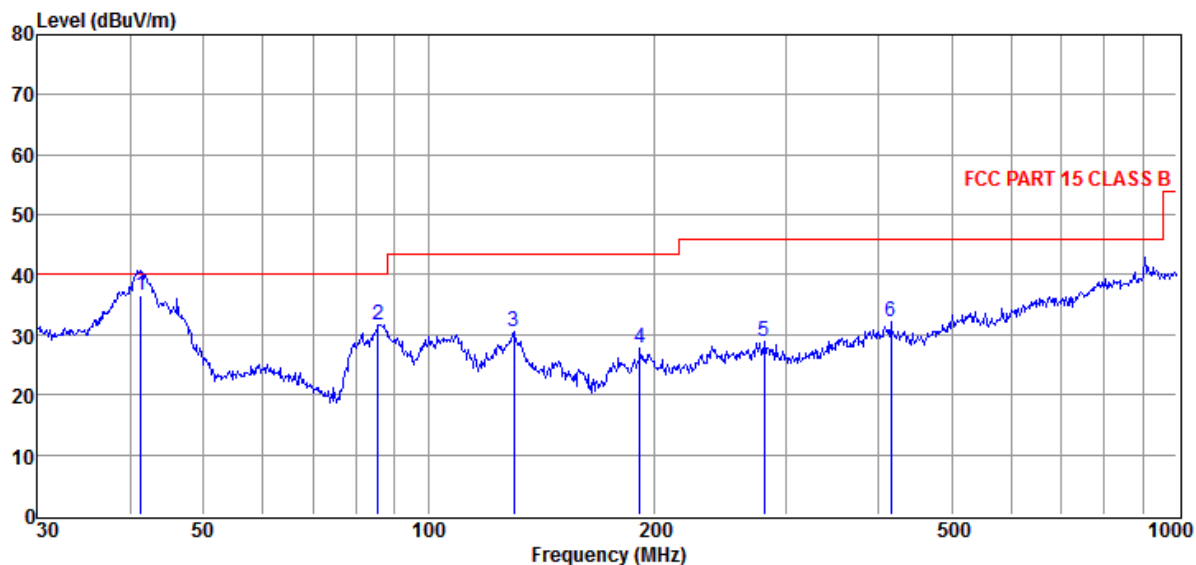
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

Peak Scan:

Vertical:



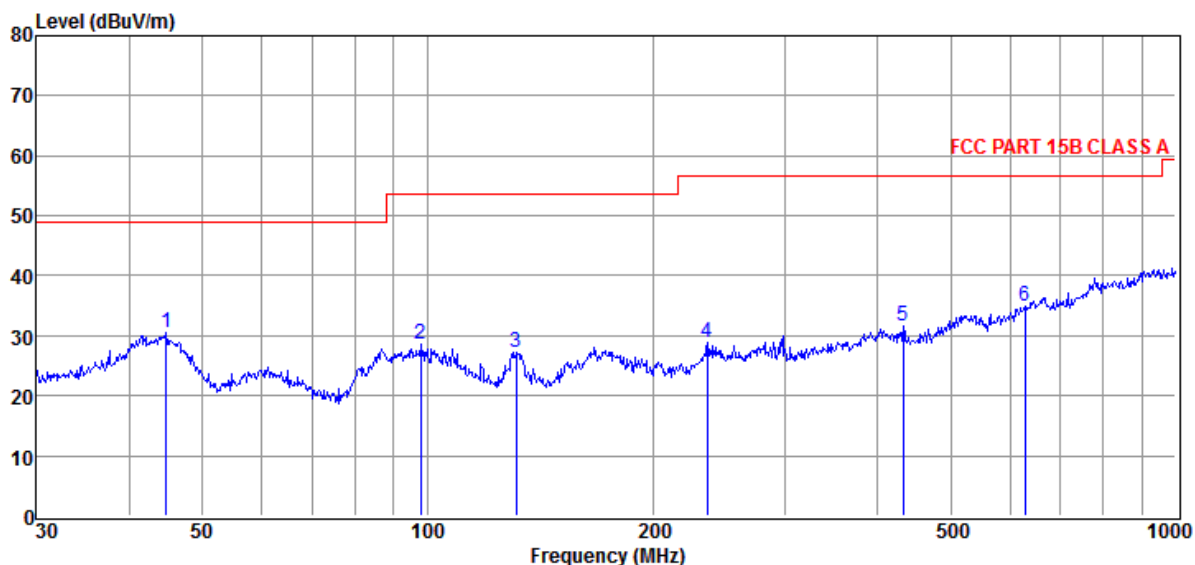
Quasi-peak measurement:

Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	41.28	21.00	14.93	0.00	0.62	36.55	40.00	-3.45	QP	VERTICAL
2	85.60	22.88	7.94	0.00	0.93	31.75	40.00	-8.25	Peak	VERTICAL
3	129.92	20.94	8.40	0.00	1.16	30.50	43.50	-13.00	Peak	VERTICAL
4	191.75	17.06	9.28	0.00	1.44	27.78	43.50	-15.72	Peak	VERTICAL
5	281.01	14.26	12.76	0.00	1.82	28.84	46.00	-17.16	Peak	VERTICAL
6	414.72	13.96	15.96	0.00	2.32	32.24	46.00	-13.76	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

Test Data:
Model: EVM060W-1400-42-C0B with 277Vac,60Hz
(Customer declaration use for in a industrial environment, so with class A limit)
Peak Scan:
Horizontal

Quasi-peak measurement:

Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	44.74	13.30	16.63	0.00	0.65	30.58	49.00	-18.42	Peak	HORIZONTAL
2	97.80	16.31	11.36	0.00	1.01	28.68	53.50	-24.82	Peak	HORIZONTAL
3	131.30	17.77	8.32	0.00	1.17	27.26	53.50	-26.24	Peak	HORIZONTAL
4	236.65	15.47	11.67	0.00	1.65	28.79	56.50	-27.71	Peak	HORIZONTAL
5	432.55	13.99	15.25	0.00	2.39	31.63	56.50	-24.87	Peak	HORIZONTAL
6	629.48	13.14	18.78	0.00	3.05	34.97	56.50	-21.53	Peak	HORIZONTAL

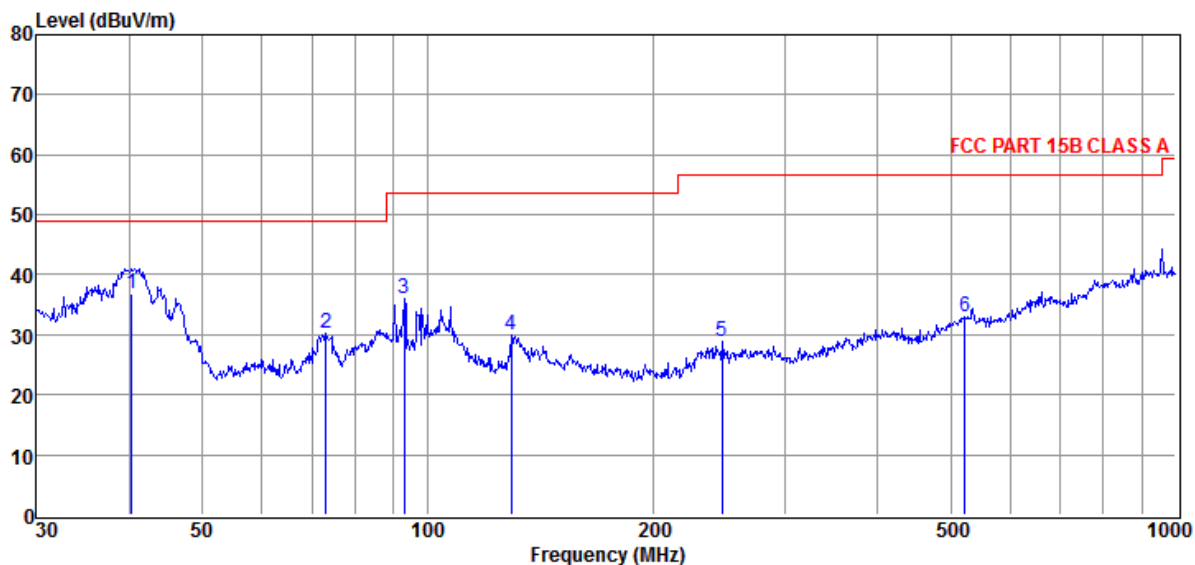
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

Peak Scan:

Vertical:



Quasi-peak measurement:

Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	40.28	22.00	14.13	0.00	0.61	36.74	49.00	-12.26	QP	VERTICAL
2	73.10	22.33	6.95	0.00	0.85	30.13	49.00	-18.87	Peak	VERTICAL
3	93.11	25.03	10.13	0.00	0.98	36.14	53.50	-17.36	Peak	VERTICAL
4	129.47	20.29	8.43	0.00	1.16	29.88	53.50	-23.62	Peak	VERTICAL
5	247.68	15.34	11.96	0.00	1.69	28.99	56.50	-27.51	Peak	VERTICAL
6	522.72	12.31	17.98	0.00	2.70	32.99	56.50	-23.51	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

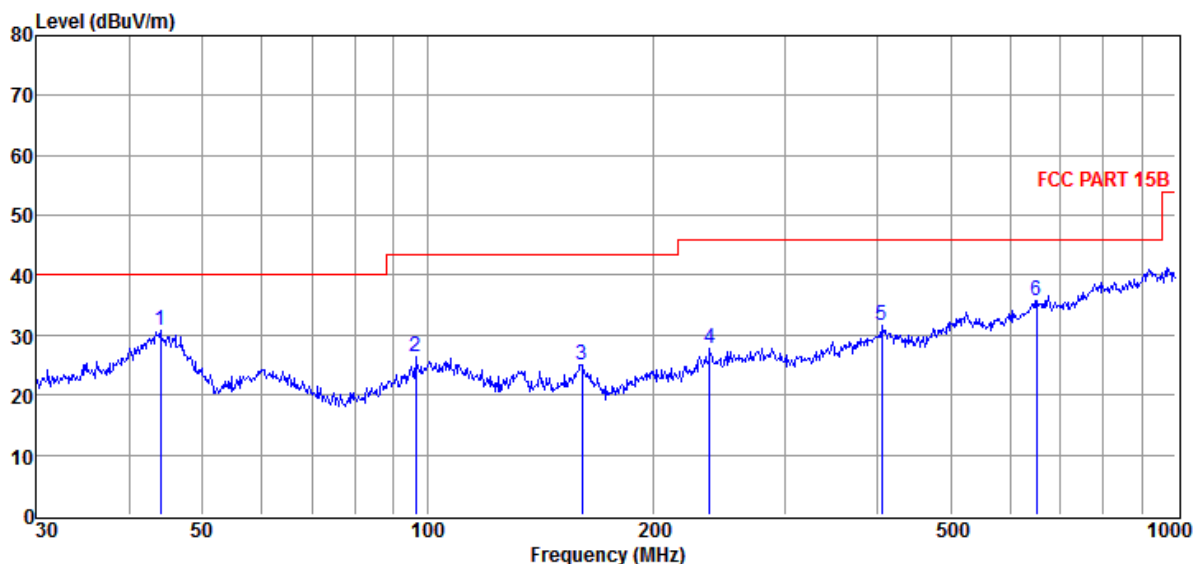
2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

Test Data:
Model: EVM120W-3000-40 with 120Vac,60Hz

Peak Scan:

Horizontal


Quasi-peak measurement:

Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	43.97	13.19	16.97	0.00	0.64	30.80	40.00	-9.20	Peak	HORIZONTAL
2	96.44	14.35	11.09	0.00	1.00	26.44	43.50	-17.06	Peak	HORIZONTAL
3	160.91	16.55	7.18	0.00	1.31	25.04	43.50	-18.46	Peak	HORIZONTAL
4	238.31	14.46	11.73	0.00	1.65	27.84	46.00	-18.16	Peak	HORIZONTAL
5	404.67	13.38	16.05	0.00	2.28	31.71	46.00	-14.29	Peak	HORIZONTAL
6	651.94	13.17	19.46	0.00	3.13	35.76	46.00	-10.24	Peak	HORIZONTAL

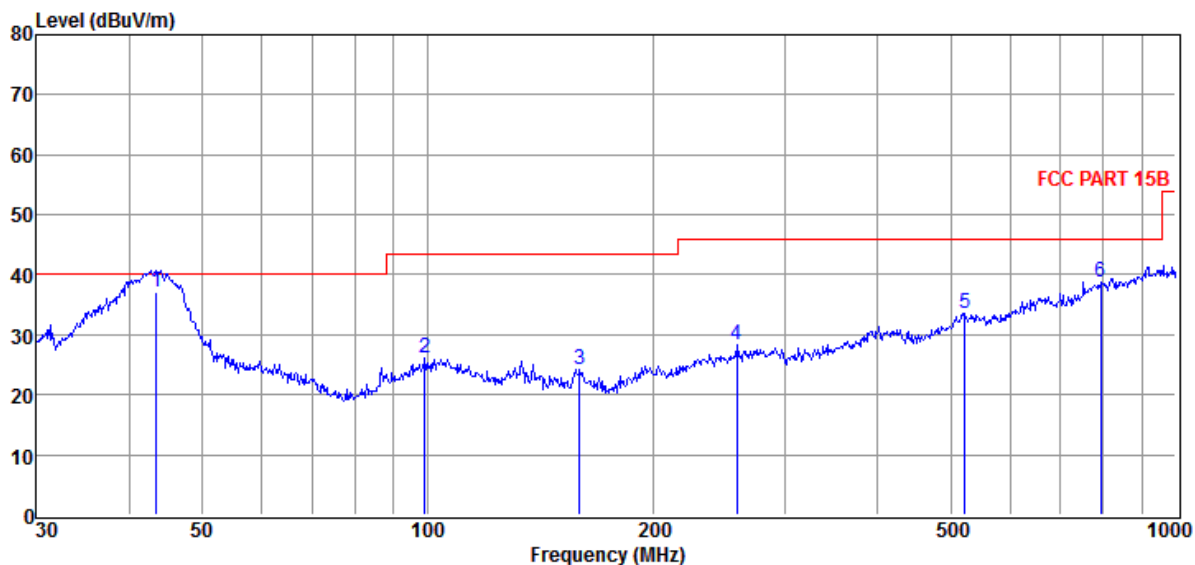
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

Peak Scan:

Vertical:



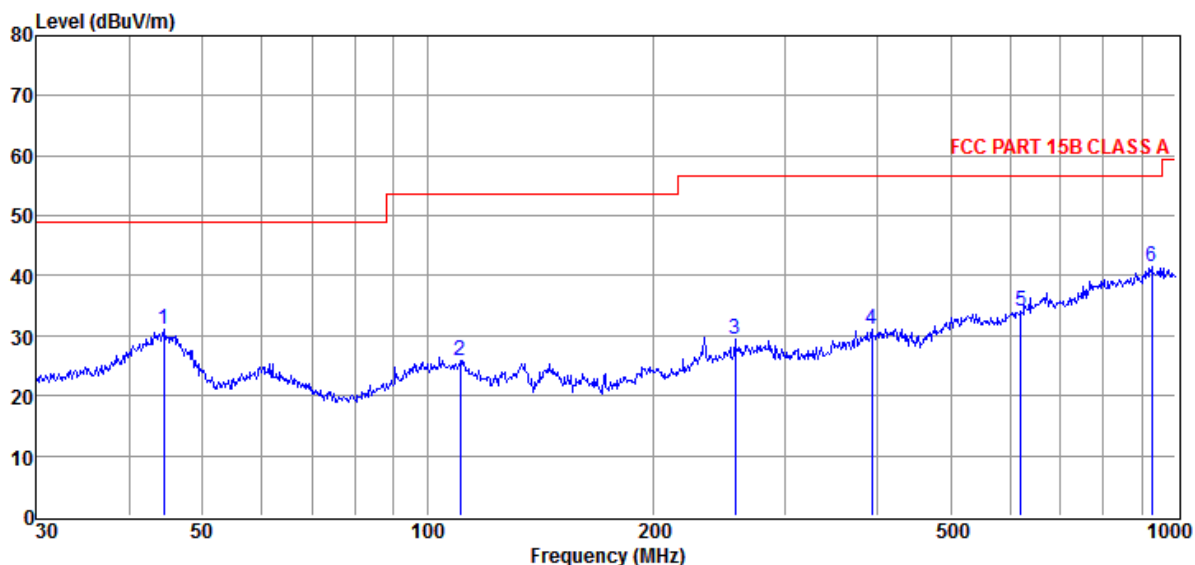
Quasi-peak measurement:

Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	43.35	20.00	16.52	0.00	0.64	37.16	40.00	-2.84	QP	VERTICAL
2	99.18	13.48	11.64	0.00	1.02	26.14	43.50	-17.36	Peak	VERTICAL
3	159.78	15.55	7.21	0.00	1.30	24.06	43.50	-19.44	Peak	VERTICAL
4	259.23	14.30	12.35	0.00	1.74	28.39	46.00	-17.61	Peak	VERTICAL
5	522.72	12.80	17.98	0.00	2.70	33.48	46.00	-12.52	Peak	VERTICAL
6	793.40	13.54	21.56	0.00	3.60	38.70	46.00	-7.30	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

Test Data:
Model: EVM120W-3000-40 with 277Vac,60Hz
(Customer declaration use for in a industrial environment, so with class A limit)
Peak Scan:
Horizontal

Quasi-peak measurement:

Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	44.43	13.55	16.78	0.00	0.64	30.97	49.00	-18.03	Peak	HORIZONTAL
2	110.57	13.50	11.37	0.00	1.07	25.94	53.50	-27.56	Peak	HORIZONTAL
3	257.42	15.32	12.25	0.00	1.73	29.30	56.50	-27.20	Peak	HORIZONTAL
4	392.10	12.94	15.76	0.00	2.23	30.93	56.50	-25.57	Peak	HORIZONTAL
5	620.71	12.50	18.43	0.00	3.02	33.95	56.50	-22.55	Peak	HORIZONTAL
6	929.01	14.34	23.02	0.00	4.02	41.38	56.50	-15.12	Peak	HORIZONTAL

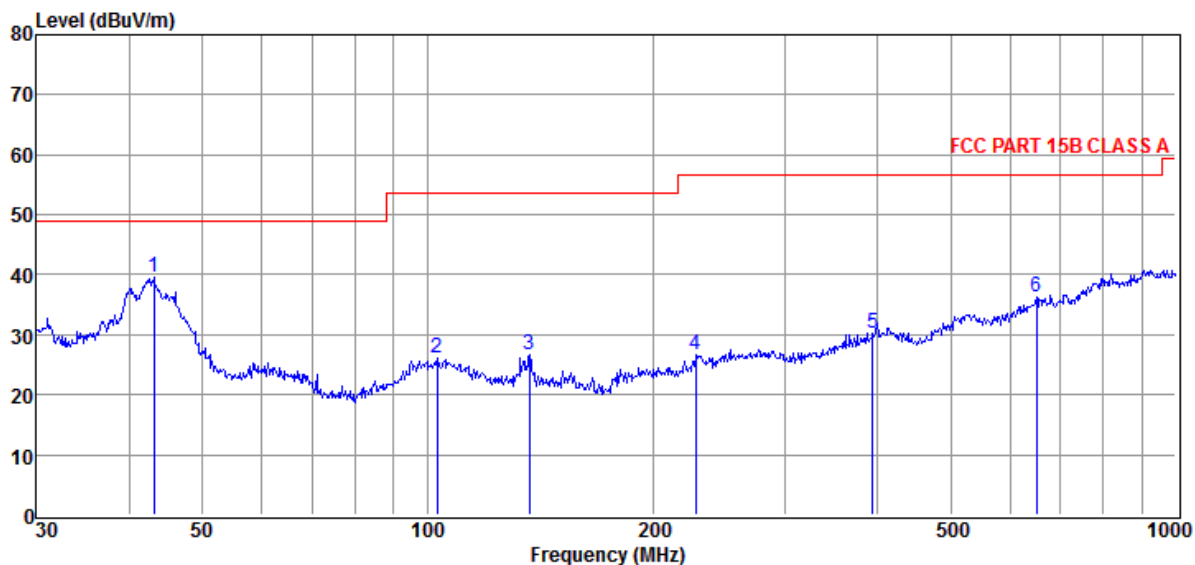
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

Peak Scan:

Vertical:



Quasi-peak measurement:

Item (Mark)	Freq (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	43.05	22.57	16.30	0.00	0.63	39.50	49.00	-9.50	Peak	VERTICAL
2	103.08	13.12	11.92	0.00	1.03	26.07	53.50	-27.43	Peak	VERTICAL
3	136.94	17.44	7.98	0.00	1.20	26.62	53.50	-26.88	Peak	VERTICAL
4	228.49	14.00	11.04	0.00	1.61	26.65	56.50	-29.85	Peak	VERTICAL
5	393.47	12.15	15.81	0.00	2.24	30.20	56.50	-26.30	Peak	VERTICAL
6	651.94	13.63	19.46	0.00	3.13	36.22	56.50	-20.28	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

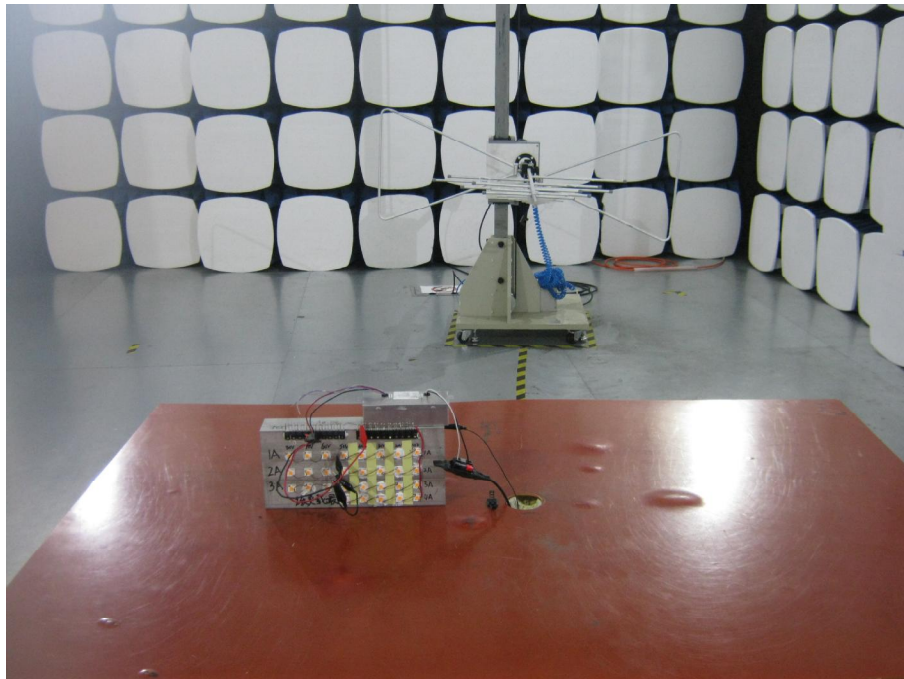
3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

6 The photos of test setting

Terminal Continuous Disturbance Voltage:



Radiated Emission:



7 The photos of EUT

Model: EVM060W-1400-42-C0B



Picture 1

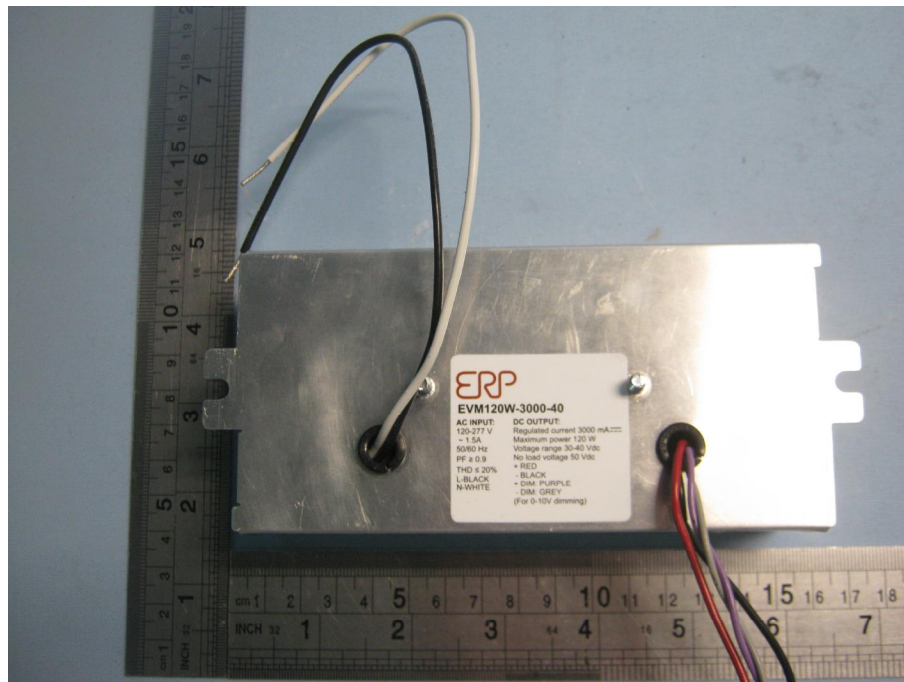


Picture 2

Model: EVM120W-3000-40



Picture 3



Picture 4

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