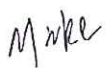



Test Report Number:	LCZE16030012				
Applicant Name:	Energy Recovery Products (Zhuhai) Co.,Ltd				
Applicant Address:	F building No.8,Pingdong Road 2, Nanping Science Park, Zhuhai, Guangdong China 519060				
Test item:	LED Driver				
Model / Type Reference:	See section 4.2 ratings and system details				
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, Radiated and Conducted Emissions, Class A				
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 SLM100W-2.8-34 and SLM160W-4.4-36 were fully tested in the report.

1. PPP designate: 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, If $140W < P_{out} \leq 150W$, PPP=150, If $150W < P_{out} \leq 160W$, PPP=160, If $160W < P_{out} \leq 170W$, PPP=170;
2. If AC input is 120-277VAC, A=W, If AC input is 220-240VAC, A=E;
3. X.X means regulated output current, which is not greater than max output regulated current within the output voltage range;
4. VV means regulated output current, which is not greater than max output regulated current within the output voltage range;
5. YYYYY (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	SLMPPPA -X.X-VV- YYYYY	A	170.0	4.4	1.5	27<Vout< 90

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

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>



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:

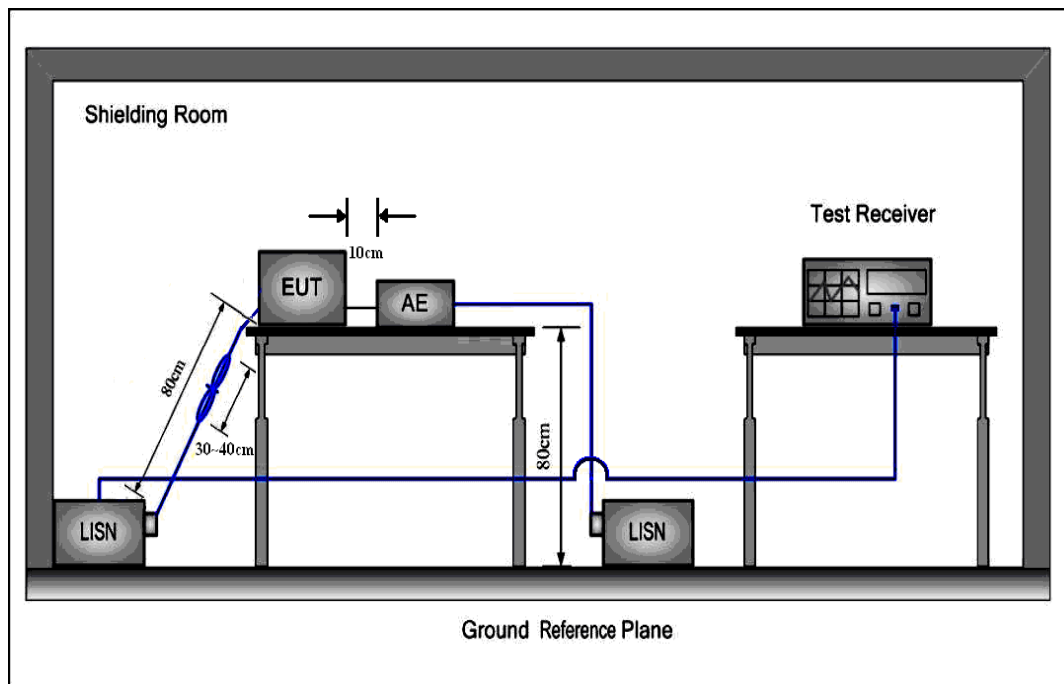
Pass

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



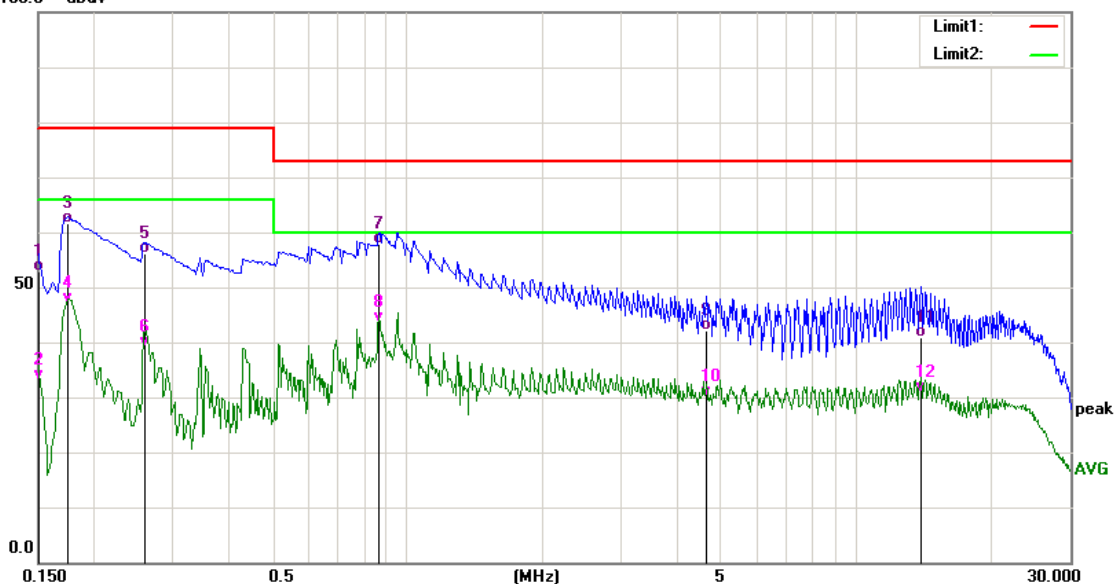
Test data

Model: SLM100W-2.8-34 with 120Vac,60Hz

Peak and Average Scan:

Live:

100.0 dBuV



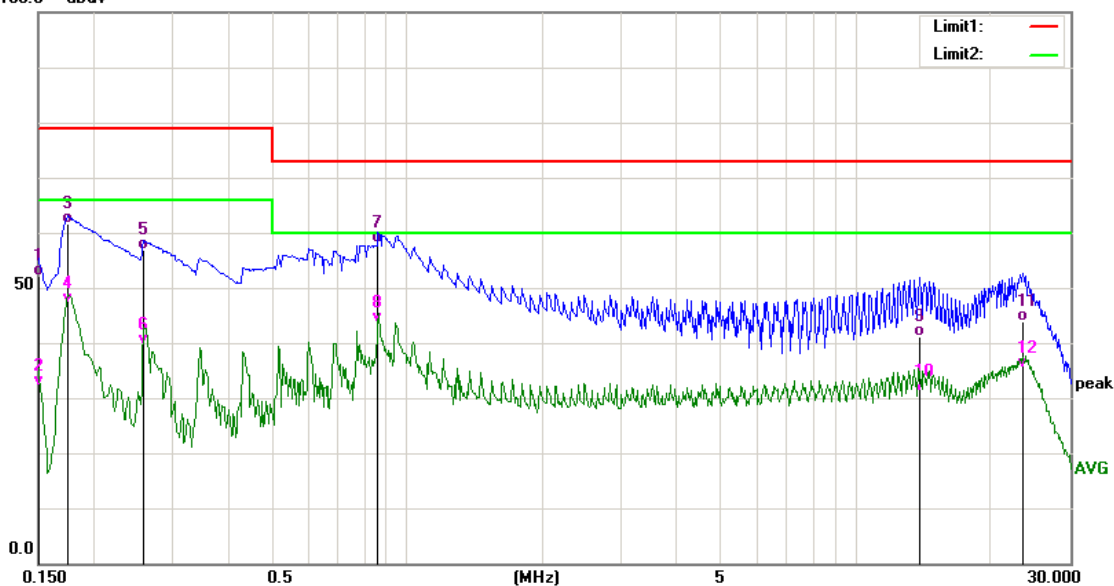
Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	43.32	9.64	52.96	79.00	-26.04	QP
2	0.1500	23.42	9.64	33.06	66.00	-32.94	AVG
3	0.1740	51.89	9.65	61.54	79.00	-17.46	QP
4	0.1740	37.40	9.65	47.05	66.00	-18.95	AVG
5	0.2620	46.40	9.65	56.05	79.00	-22.95	QP
6	0.2620	29.44	9.65	39.09	66.00	-26.91	AVG
7	0.8620	48.23	9.71	57.94	73.00	-15.06	QP
8	0.8620	33.96	9.71	43.67	60.00	-16.33	AVG
9	4.6460	32.20	9.86	42.06	73.00	-30.94	QP
10	4.6460	20.23	9.86	30.09	60.00	-29.91	AVG
11	13.9220	30.79	10.14	40.93	73.00	-32.07	QP
12	13.9220	20.70	10.14	30.84	60.00	-29.16	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	42.41	9.64	52.05	79.00	-26.95	QP
2	0.1500	22.60	9.64	32.24	66.00	-33.76	AVG
3	0.1740	51.91	9.65	61.56	79.00	-17.44	QP
4	0.1740	37.50	9.65	47.15	66.00	-18.85	AVG
5	0.2589	47.25	9.65	56.90	79.00	-22.10	QP
6	0.2589	29.99	9.65	39.64	66.00	-26.36	AVG
7	0.8580	48.37	9.71	58.08	73.00	-14.92	QP
8	0.8580	33.84	9.71	43.55	60.00	-16.45	AVG
9	13.8860	30.98	10.14	41.12	73.00	-31.88	QP
10	13.8860	21.09	10.14	31.23	60.00	-28.77	AVG
11	23.5500	33.28	10.59	43.87	73.00	-29.13	QP
12	23.5500	24.72	10.59	35.31	60.00	-24.69	AVG

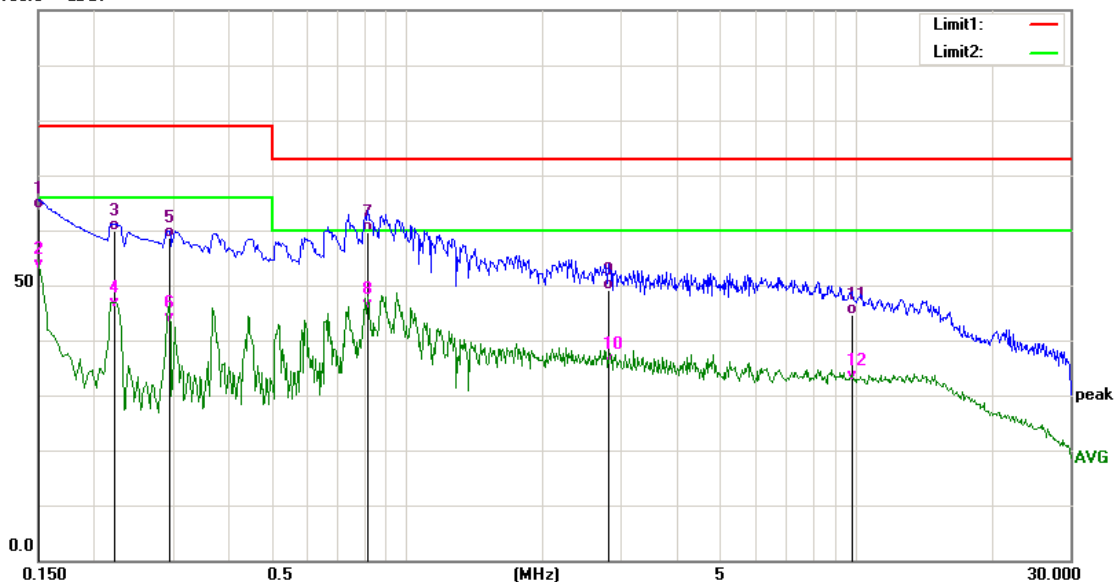
Test data

Model: SLM100W-2.8-34 with 277Vac,60Hz

Peak and Average Scan:

Live:

100.0 dBuV



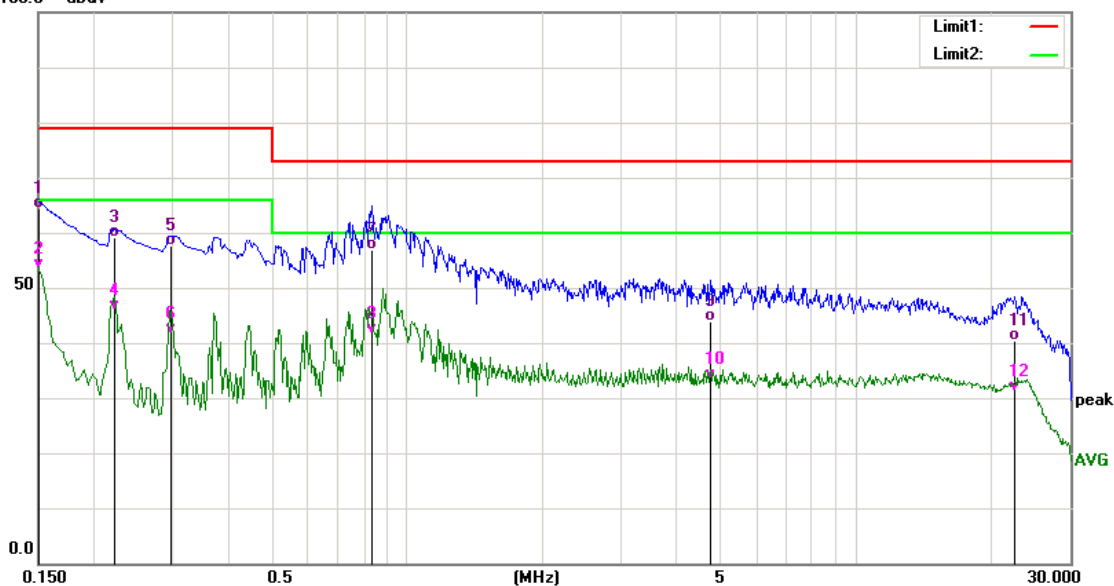
Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	54.27	9.64	63.91	79.00	-15.09	QP
2	0.1500	43.29	9.64	52.93	66.00	-13.07	AVG
3	0.2208	50.29	9.66	59.95	79.00	-19.05	QP
4	0.2208	36.31	9.66	45.97	66.00	-20.03	AVG
5	0.2940	49.08	9.66	58.74	79.00	-20.26	QP
6	0.2940	33.50	9.66	43.16	66.00	-22.84	AVG
7	0.8140	49.89	9.70	59.59	73.00	-13.41	QP
8	0.8140	35.96	9.70	45.66	60.00	-14.34	AVG
9	2.8020	39.34	9.79	49.13	73.00	-23.87	QP
10	2.8020	25.76	9.79	35.55	60.00	-24.45	AVG
11	9.8020	34.43	10.08	44.51	73.00	-28.49	QP
12	9.8020	22.60	10.08	32.68	60.00	-27.32	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	54.64	9.64	64.28	79.00	-14.72	QP
2	0.1500	43.74	9.64	53.38	66.00	-12.62	AVG
3	0.2208	49.47	9.66	59.13	79.00	-19.87	QP
4	0.2208	36.22	9.66	45.88	66.00	-20.12	AVG
5	0.2980	48.09	9.66	57.75	79.00	-21.25	QP
6	0.2980	32.06	9.66	41.72	66.00	-24.28	AVG
7	0.8340	47.13	9.70	56.83	73.00	-16.17	QP
8	0.8340	32.01	9.70	41.71	60.00	-18.29	AVG
9	4.7420	33.89	9.87	43.76	73.00	-29.24	QP
10	4.7420	23.59	9.87	33.46	60.00	-26.54	AVG
11	22.6220	29.88	10.61	40.49	73.00	-32.51	QP
12	22.6220	20.62	10.61	31.23	60.00	-28.77	AVG

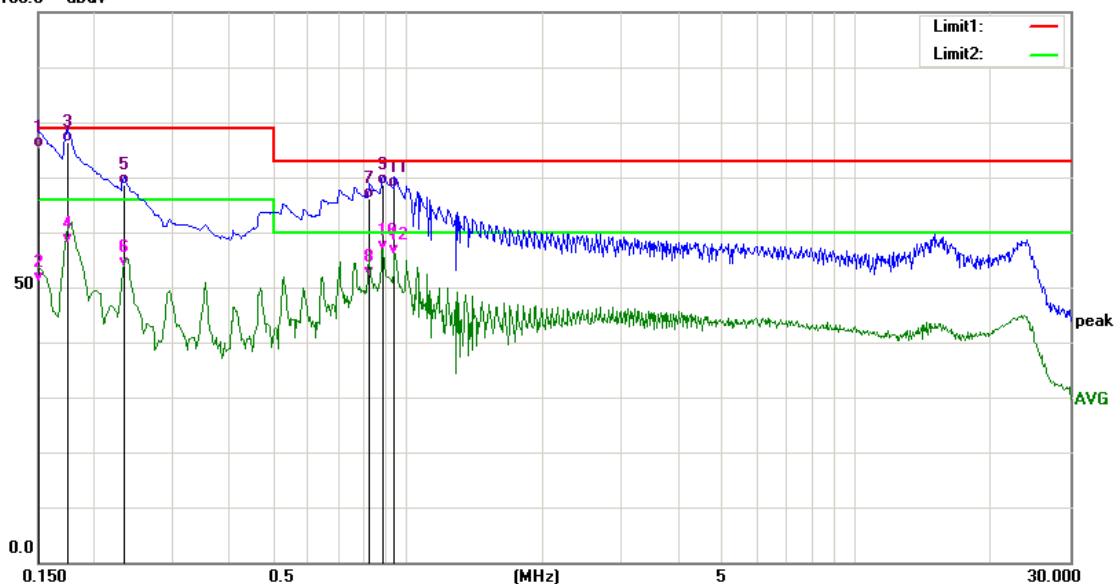
Test data

Model: SLM160W-4.4-36 with 120Vac,60Hz

Peak and Average Scan:

Live:

100.0 dBuV



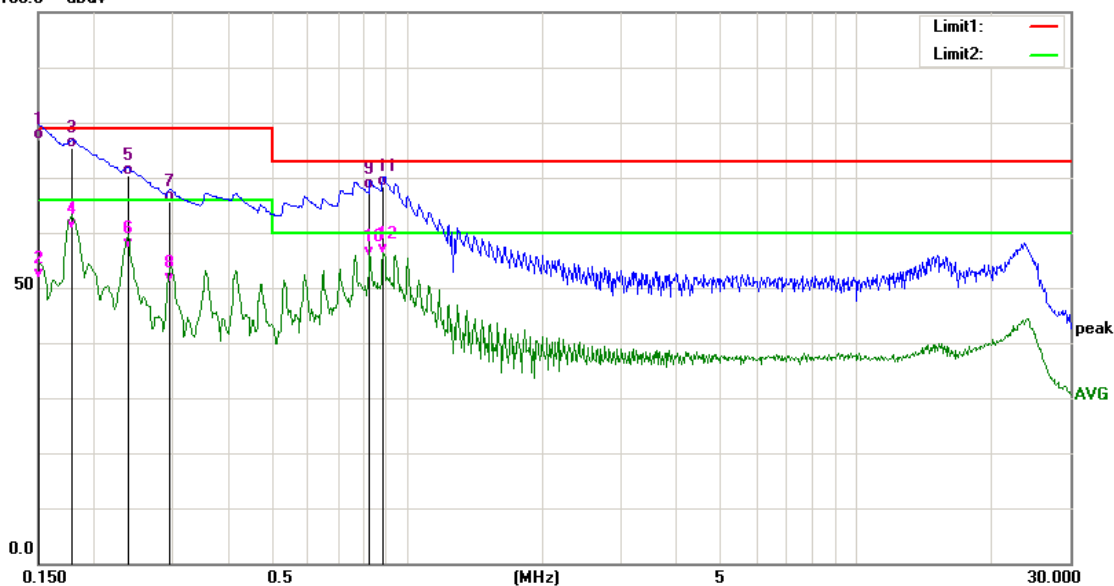
Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	65.83	9.64	75.47	79.00	-3.53	QP
2	0.1500	41.24	9.64	50.88	66.00	-15.12	AVG
3	0.1749	66.74	9.65	76.39	79.00	-2.61	QP
4	0.1749	48.26	9.65	57.91	66.00	-8.09	AVG
5	0.2340	58.92	9.65	68.57	79.00	-10.43	QP
6	0.2340	43.91	9.65	53.56	66.00	-12.44	AVG
7	0.8300	56.36	9.70	66.06	73.00	-6.94	QP
8	0.8300	42.09	9.70	51.79	60.00	-8.21	AVG
9	0.8820	58.84	9.72	68.56	73.00	-4.44	QP
10	0.8820	46.79	9.72	56.51	60.00	-3.49	AVG
11	0.9380	58.45	9.72	68.17	73.00	-4.83	QP
12	0.9380	46.15	9.72	55.87	60.00	-4.13	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	67.32	9.64	76.96	79.00	-2.04	QP
2	0.1500	42.10	9.64	51.74	66.00	-14.26	AVG
3	0.1796	65.74	9.65	75.39	79.00	-3.61	QP
4	0.1796	50.97	9.65	60.62	66.00	-5.38	AVG
5	0.2380	60.77	9.65	70.42	79.00	-8.58	QP
6	0.2380	47.39	9.65	57.04	66.00	-8.96	AVG
7	0.2987	55.98	9.66	65.64	79.00	-13.36	QP
8	0.2987	41.29	9.66	50.95	66.00	-15.05	AVG
9	0.8260	58.26	9.70	67.96	73.00	-5.04	QP
10	0.8260	45.90	9.70	55.60	60.00	-4.40	AVG
11	0.8860	58.70	9.72	68.42	73.00	-4.58	QP
12	0.8860	46.33	9.72	56.05	60.00	-3.95	AVG

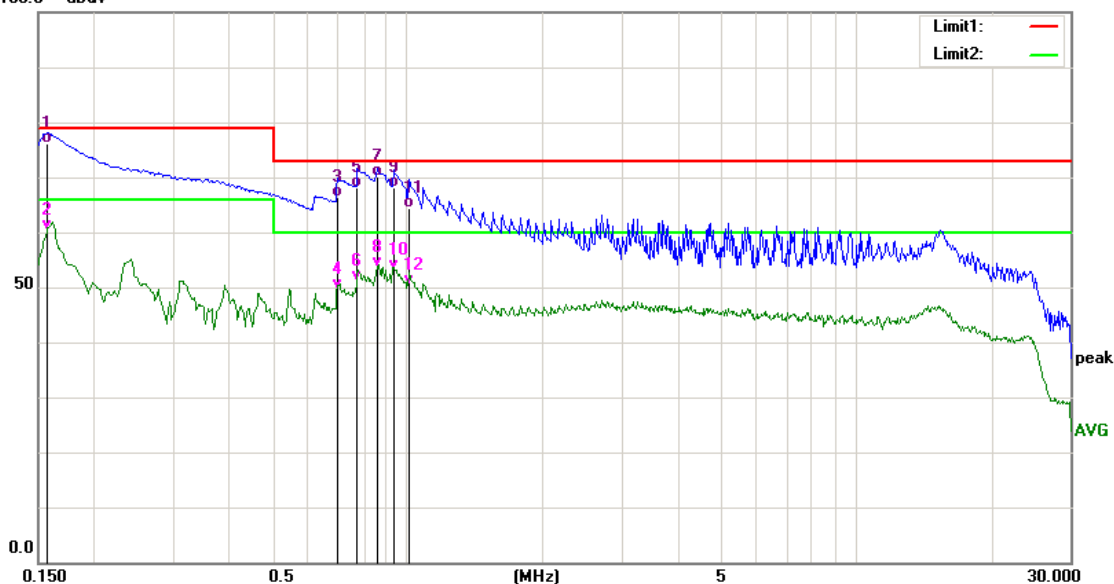
Test data

Model: SLM160W-4.4-36 with 277Vac,60Hz

Peak and Average Scan:

Live:

100.0 dBuV



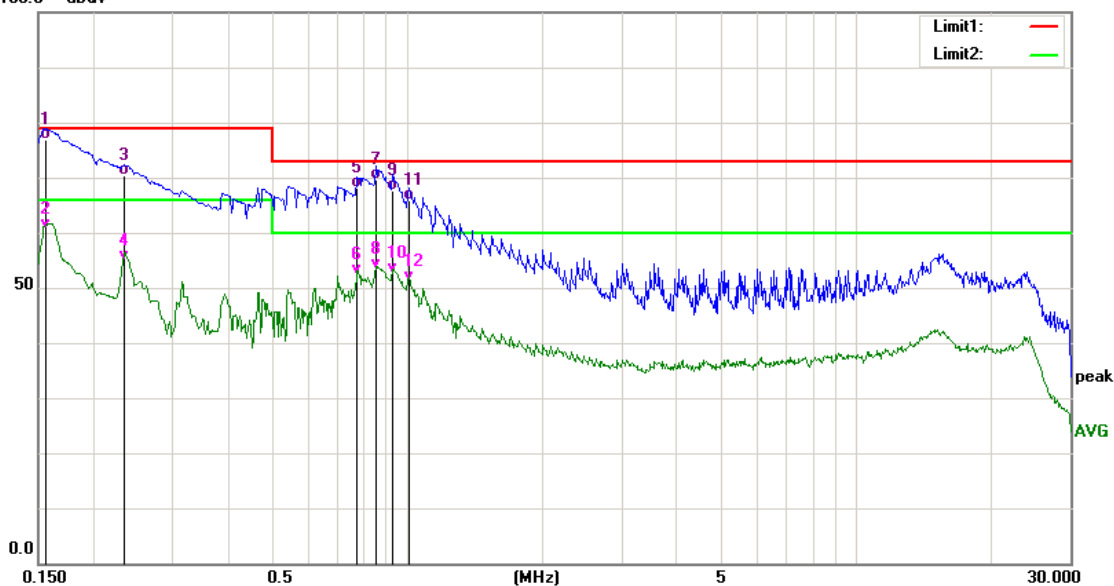
Quasi-peak and Average measurement:

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1590	66.40	9.64	76.04	79.00	-2.96	QP
2	0.1590	50.78	9.64	60.42	66.00	-5.58	AVG
3	0.7020	56.80	9.69	66.49	73.00	-6.51	QP
4	0.7020	39.94	9.69	49.63	60.00	-10.37	AVG
5	0.7740	58.39	9.69	68.08	73.00	-4.92	QP
6	0.7740	41.40	9.69	51.09	60.00	-8.91	AVG
7	0.8540	60.33	9.71	70.04	73.00	-2.96	QP
8	0.8540	43.97	9.71	53.68	60.00	-6.32	AVG
9	0.9300	58.43	9.72	68.15	73.00	-4.85	QP
10	0.9300	43.30	9.72	53.02	60.00	-6.98	AVG
11	1.0180	54.72	9.71	64.43	73.00	-8.57	QP
12	1.0180	40.69	9.71	50.40	60.00	-9.60	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	0.1580	67.22	9.64	76.86	79.00	-2.14	QP
2	0.1580	51.02	9.64	60.66	66.00	-5.34	AVG
3	0.2340	60.84	9.65	70.49	79.00	-8.51	QP
4	0.2340	45.15	9.65	54.80	66.00	-11.20	AVG
5	0.7740	58.52	9.69	68.21	73.00	-4.79	QP
6	0.7740	42.60	9.69	52.29	60.00	-7.71	AVG
7	0.8500	60.01	9.71	69.72	73.00	-3.28	QP
8	0.8500	43.66	9.71	53.37	60.00	-6.63	AVG
9	0.9260	57.95	9.72	67.67	73.00	-5.33	QP
10	0.9260	43.01	9.72	52.73	60.00	-7.27	AVG
11	1.0060	56.10	9.71	65.81	73.00	-7.19	QP
12	1.0060	41.30	9.71	51.01	60.00	-8.99	AVG

5.2 Radiated Emission

Results:

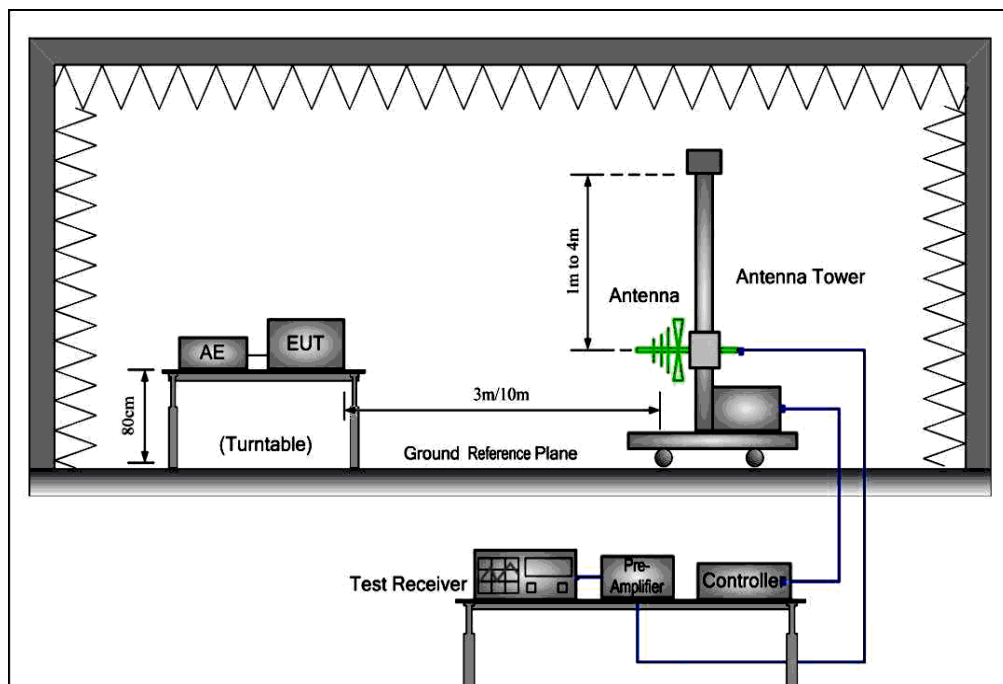
Pass

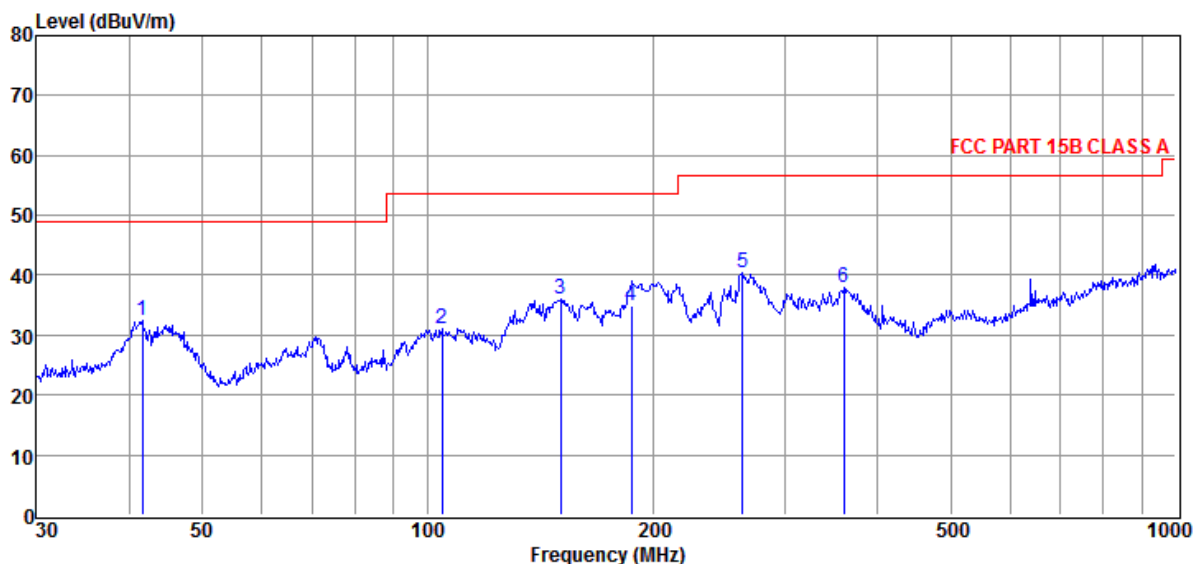
Date of testing : 18 April 2016
 Test procedure : ANSI C63.4:2014
 Frequency range : 30- 1000MHz
 Kind of test site : Semi-Anechoic chamber
 Limits : FCC PART 15 Subpart B: 2013

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: SLM100W-2.8-34 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	41.57	16.76	15.15	0.00	0.62	32.53	49.00	-16.47	Peak	HORIZONTAL
2	104.54	18.02	11.98	0.00	1.04	31.04	53.50	-22.46	Peak	HORIZONTAL
3	150.54	27.32	7.49	0.00	1.26	36.07	53.50	-17.43	Peak	HORIZONTAL
4	187.10	25.00	8.59	0.00	1.42	35.01	53.50	-18.49	QP	HORIZONTAL
5	263.82	26.36	12.32	0.00	1.75	40.43	56.50	-16.07	Peak	HORIZONTAL
6	360.45	21.26	14.50	0.00	2.12	37.88	56.50	-18.62	Peak	HORIZONTAL

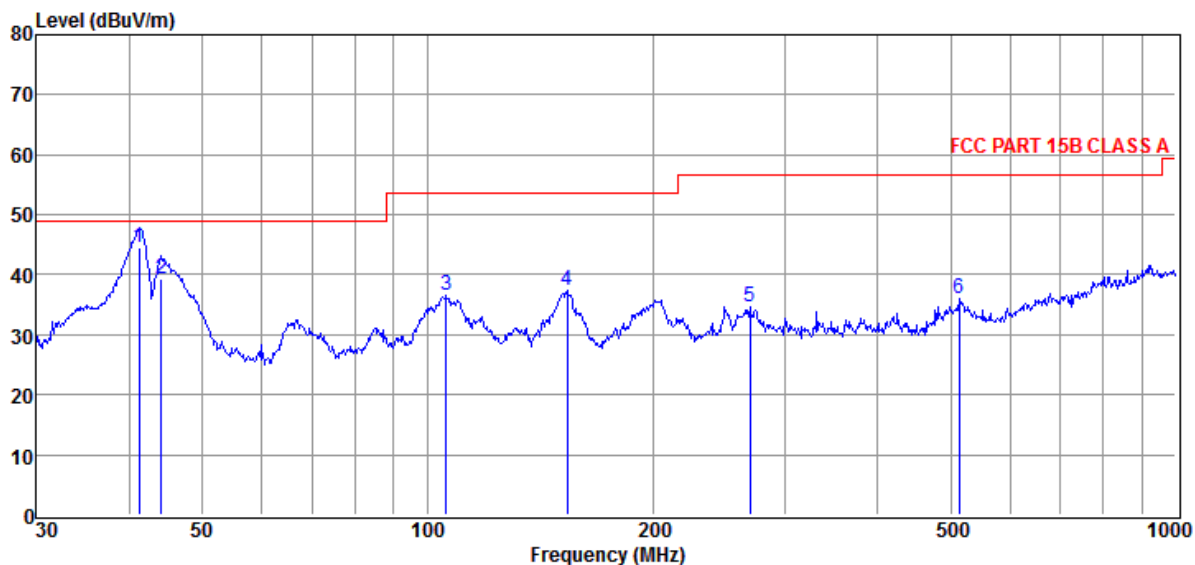
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

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:



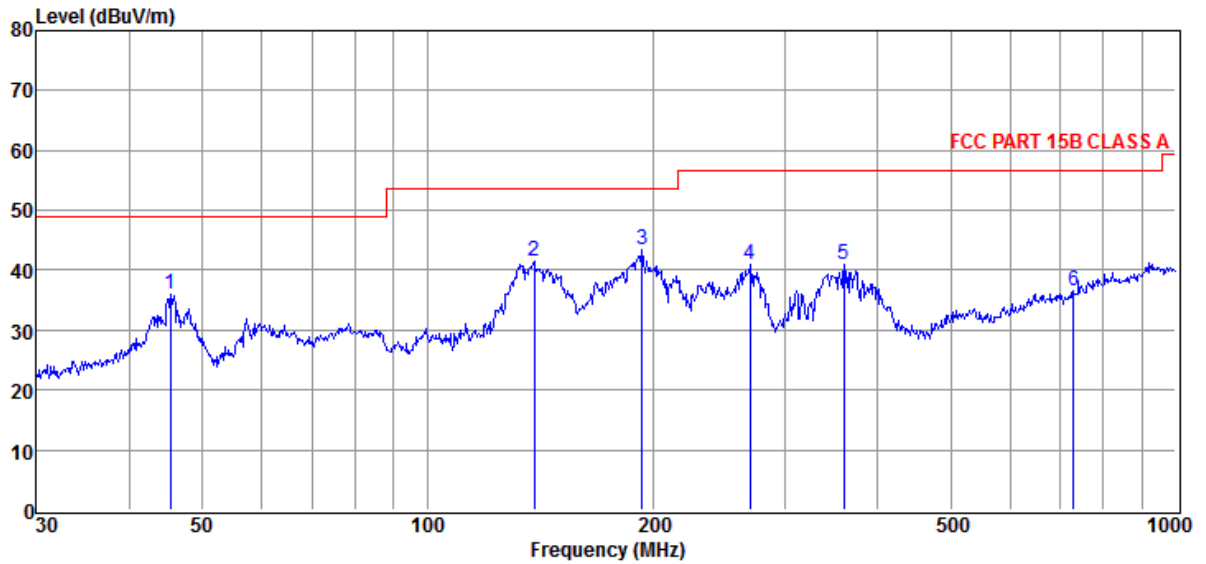
Quasi-peak measurement:

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	41.13	28.99	14.82	0.00	0.62	44.43	49.00	-4.57	QP	VERTICAL
2	44.12	21.60	16.94	0.00	0.64	39.18	49.00	-9.82	QP	VERTICAL
3	106.01	23.72	11.90	0.00	1.05	36.67	53.50	-16.83	Peak	VERTICAL
4	153.74	28.55	7.42	0.00	1.28	37.25	53.50	-16.25	Peak	VERTICAL
5	269.43	20.44	12.48	0.00	1.77	34.69	56.50	-21.81	Peak	VERTICAL
6	513.63	15.69	17.71	0.00	2.67	36.07	56.50	-20.43	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: SLM100W-2.8-34 with 277Vac,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	45.38	19.19	16.31	0.00	0.65	36.15	49.00	-12.85	Peak	HORIZONTAL
2	138.87	32.46	7.87	0.00	1.21	41.54	53.50	-11.96	Peak	HORIZONTAL
3	193.77	32.29	9.60	0.00	1.45	43.34	53.50	-10.16	Peak	HORIZONTAL
4	269.43	26.81	12.48	0.00	1.77	41.06	56.50	-15.44	Peak	HORIZONTAL
5	360.45	24.27	14.50	0.00	2.12	40.89	56.50	-15.61	Peak	HORIZONTAL
6	729.36	13.68	19.47	0.00	3.39	36.54	56.50	-19.96	Peak	HORIZONTAL

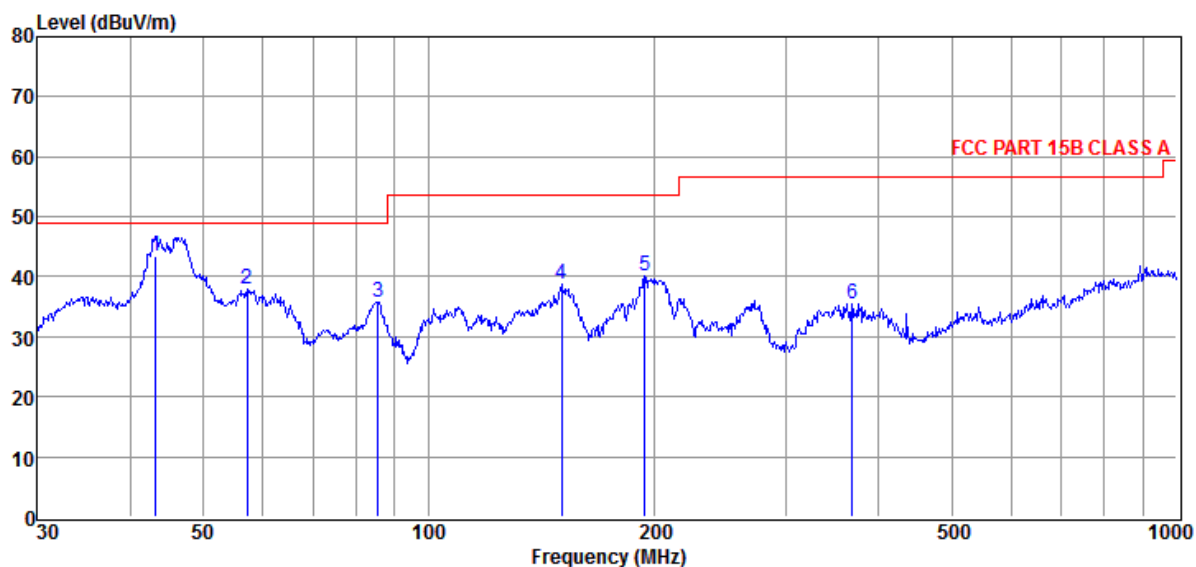
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

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:



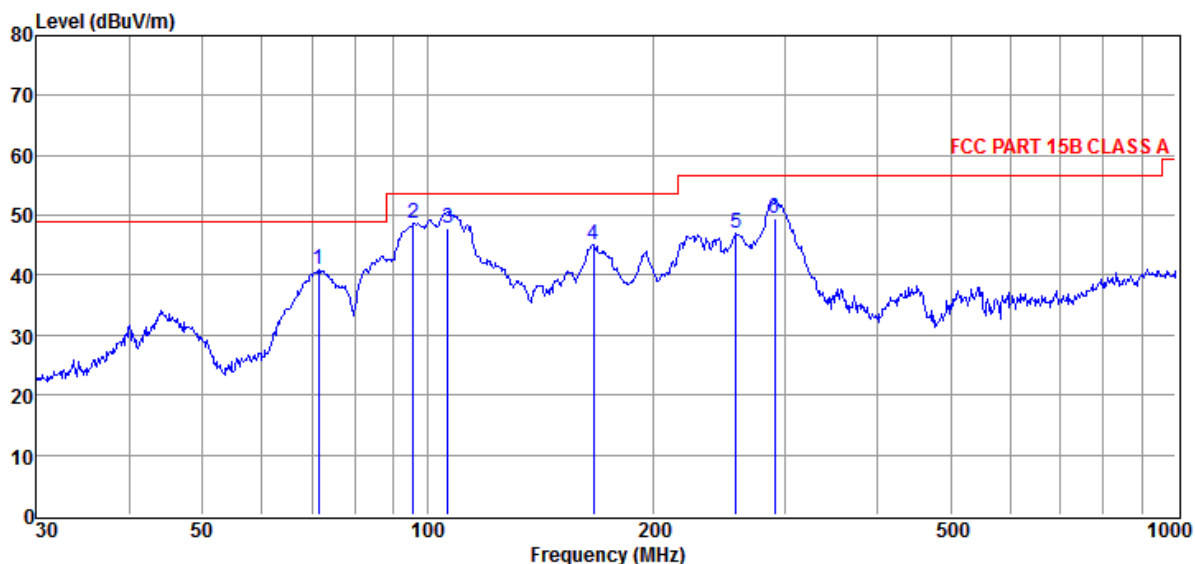
Quasi-peak measurement:

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	43.20	26.30	16.41	0.00	0.63	43.34	49.00	-5.66	QP	VERTICAL
2	57.19	27.15	9.98	0.00	0.74	37.87	49.00	-11.13	Peak	VERTICAL
3	85.60	26.89	7.94	0.00	0.93	35.76	49.00	-13.24	Peak	VERTICAL
4	150.54	29.98	7.49	0.00	1.26	38.73	53.50	-14.77	Peak	VERTICAL
5	194.45	28.96	9.71	0.00	1.45	40.12	53.50	-13.38	Peak	VERTICAL
6	368.11	18.98	14.42	0.00	2.15	35.55	56.50	-20.95	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: SLM160W-4.4-36 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	71.58	32.90	7.32	0.00	0.84	41.06	49.00	-7.94	Peak	HORIZONTAL
2	95.76	36.70	10.95	0.00	1.00	48.65	53.50	-4.85	Peak	HORIZONTAL
3	106.39	35.00	11.86	0.00	1.05	47.91	53.50	-5.59	QP	HORIZONTAL
4	166.65	36.78	6.97	0.00	1.33	45.08	53.50	-8.42	Peak	HORIZONTAL
5	258.33	33.02	12.30	0.00	1.73	47.05	56.50	-9.45	Peak	HORIZONTAL
6	291.04	35.20	12.54	0.00	1.85	49.59	56.50	-6.91	QP	HORIZONTAL

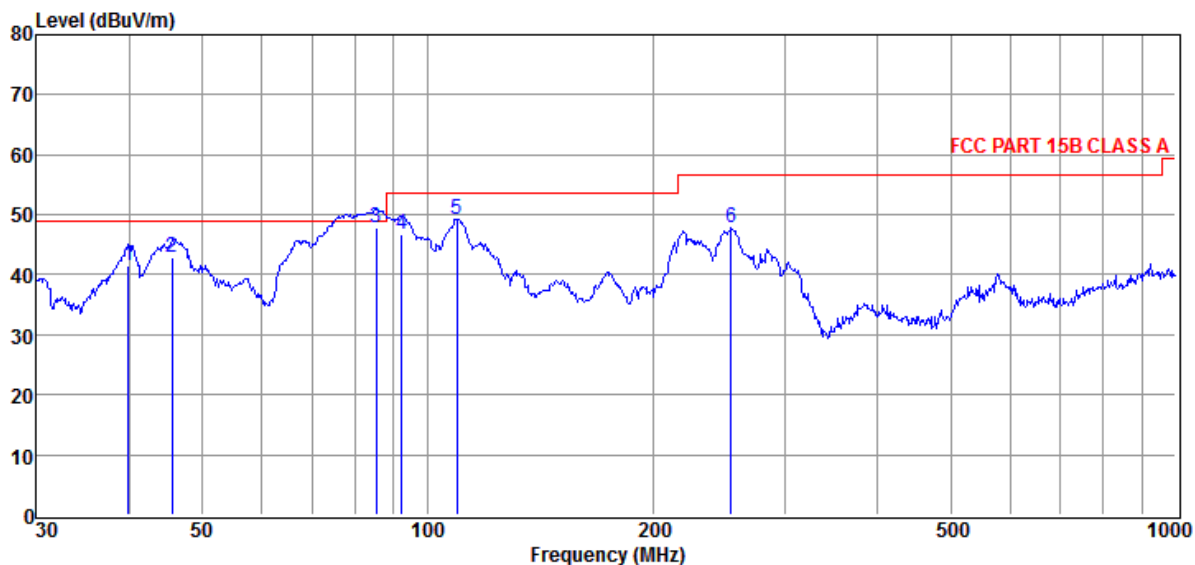
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

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:



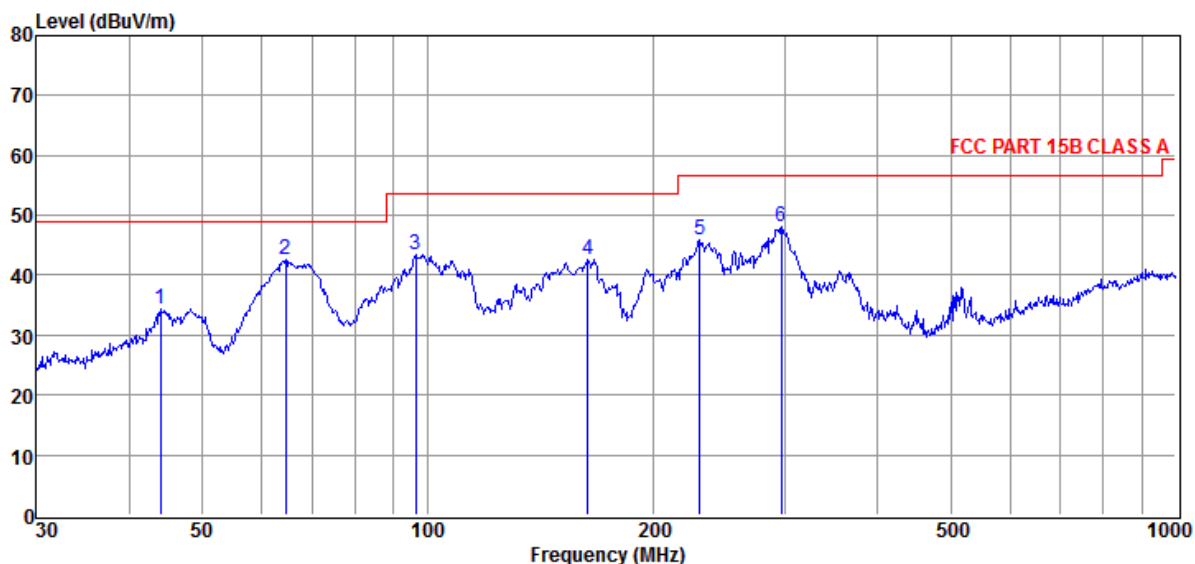
Quasi-peak measurement:

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	39.85	27.00	13.79	0.00	0.61	41.40	49.00	-7.60	QP	VERTICAL
2	45.54	26.00	16.23	0.00	0.65	42.88	49.00	-6.12	QP	VERTICAL
3	85.30	39.00	7.86	0.00	0.93	47.79	49.00	-1.21	QP	VERTICAL
4	92.46	35.79	9.90	0.00	0.98	46.67	53.50	-6.83	QP	VERTICAL
5	109.41	36.65	11.56	0.00	1.06	49.27	53.50	-4.23	Peak	VERTICAL
6	254.73	33.88	12.10	0.00	1.72	47.70	56.50	-8.80	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: SLM160W-4.4-36 with 277Vac,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	16.71	16.97	0.00	0.64	34.32	49.00	-14.68	Peak	HORIZONTAL
2	64.66	32.30	9.42	0.00	0.79	42.51	49.00	-6.49	Peak	HORIZONTAL
3	96.44	31.36	11.09	0.00	1.00	43.45	53.50	-10.05	Peak	HORIZONTAL
4	163.76	34.18	7.12	0.00	1.32	42.62	53.50	-10.88	Peak	HORIZONTAL
5	230.91	32.97	11.44	0.00	1.62	46.03	56.50	-10.47	Peak	HORIZONTAL
6	297.22	34.07	12.12	0.00	1.87	48.06	56.50	-8.44	Peak	HORIZONTAL

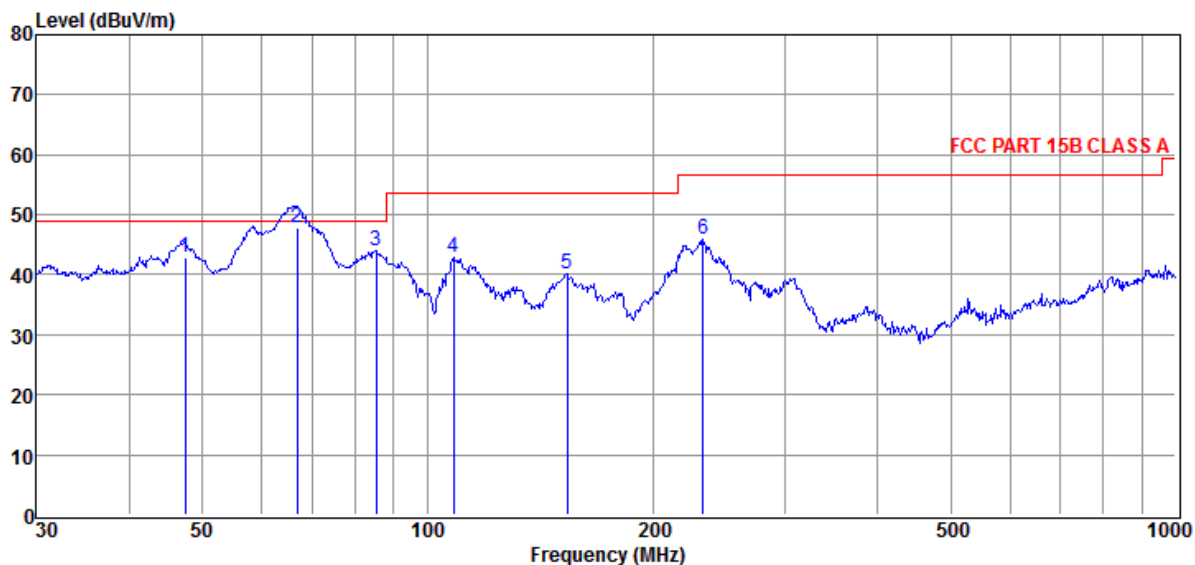
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

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	47.49	28.00	14.13	0.00	0.66	42.79	49.00	-6.21	QP	VERTICAL
2	66.97	38.40	8.66	0.00	0.81	47.87	49.00	-1.13	QP	VERTICAL
3	85.30	35.18	7.86	0.00	0.93	43.97	49.00	-5.03	Peak	VERTICAL
4	108.27	30.24	11.67	0.00	1.06	42.97	53.50	-10.53	Peak	VERTICAL
5	153.74	31.33	7.42	0.00	1.28	40.03	53.50	-13.47	Peak	VERTICAL
6	233.35	32.82	11.53	0.00	1.63	45.98	56.50	-10.52	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:

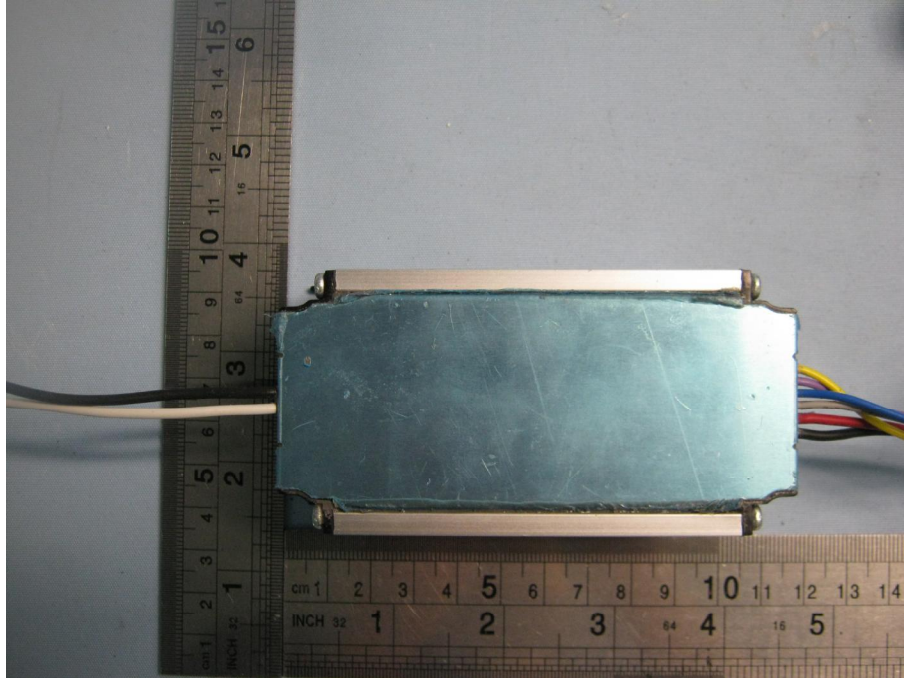


Radiated Emission:



7 The photos of EUT

Model: SLM100W-2.8-34

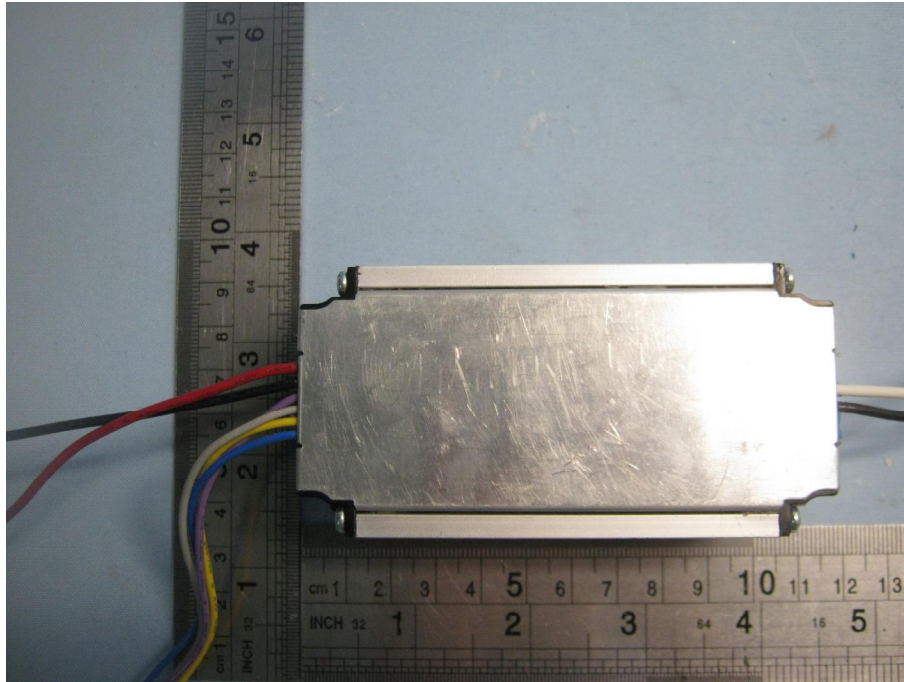


Picture 1

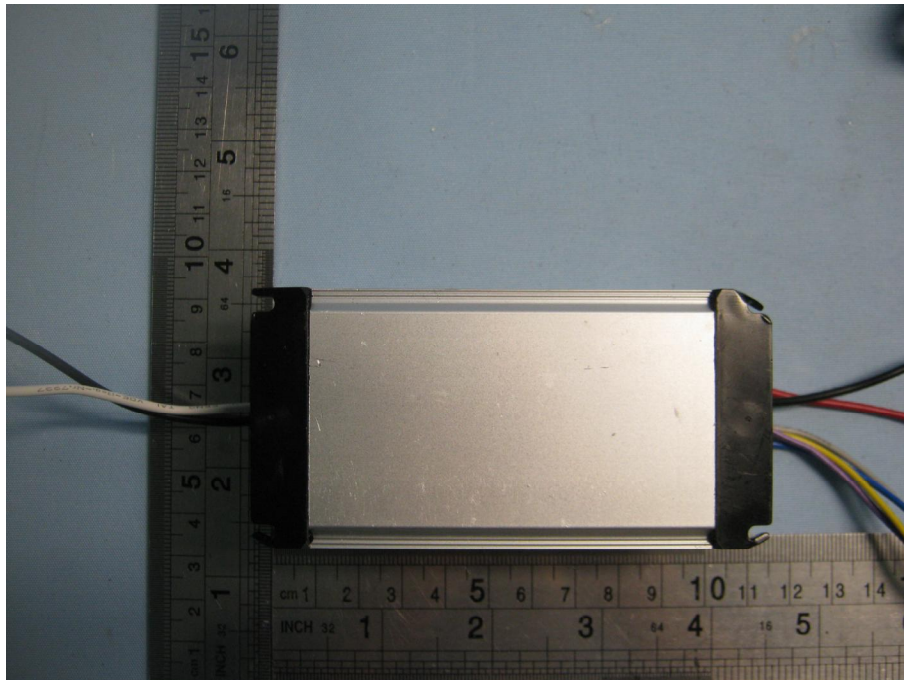


Picture 2

Model: SLM160W-4.4-36



Picture 3



Picture 4

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