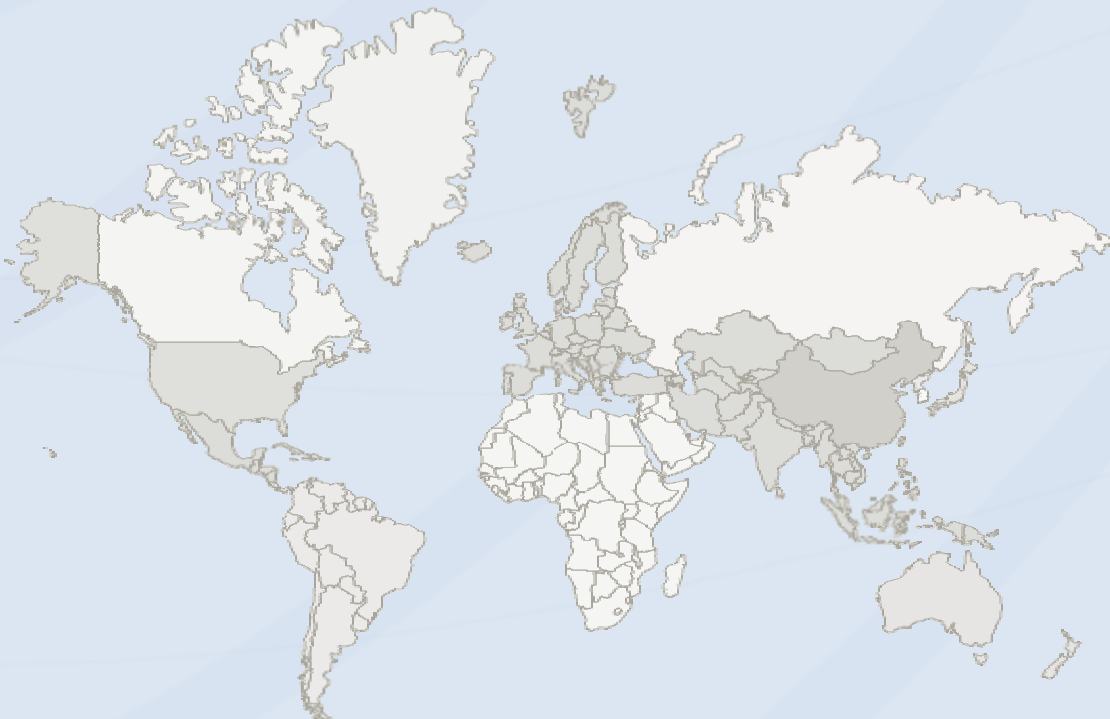


FCC TEST REPORT

Report No. : NTC-ER2305037
Applicant's name : Artika For Living Inc
Address : 1756 50th avenue, Lachine, Quebec, Canada H8T
2V5



DONGGUAN NEW TESTING CENTRE CO., LTD

Ⓞ Address: 1F & 3F, No. 1 the 1st North Industry Road Songshan Lake Science & Technology Park Dongguan, People's Republic of China 523808

☎ Tel: +86-769-22212079

🌐 Web: <http://www.ntc-cert.com>

✉ E-mail: dave@ntc-cert.com

TABLE OF CONTENTS

Test Report Declare	2
1. Summary of test results	4
2. General test information	4
2.1. Description of EUT	4
2.2. Detail models	4
2.3. Block diagram EUT configuration for test	4
2.4. Test environment conditions	5
2.5. Measurement uncertainty	5
2.6. Test Laboratory	5
3. Power Line Conducted Emission Test	6
3.1. Test equipment	6
3.2. Block diagram of test setup	6
3.3. Power Line Conducted Emission Limits (Class B)	6
3.4. Test Procedure	7
3.5. Test Result	7
4. Radiated emission test	16
4.1. Test equipment	16
4.2. Block diagram of test setup	16
4.3. Radiated emission limit (Class B)	17
4.4. Test Procedure	17
4.5. Test result	18
5. Test setup photograph	26
5.1. Photos of power line conducted emission test	26
5.2. Photos of radiated emission test	26
6. Photos of the EUT	27

TEST REPORT DECLARE

FCC ID	: 2AUHG-6OUT-DS
Applicant	: Artika For Living Inc
Address	: 1756 50th avenue, Lachine, Quebec, Canada H8T 2V5
Equipment under Test	: LED wall lamp
Model No	: 6OUT-DS: followed by up to twelve characters
Trade Mark	: ARTIKA
Manufacturer	: DongGuan City Rising Stars Lighting Co.,LTD
Address	: YuanQuan No.6 Bai Hao Village HouJie Town DongGuanCity GuangDong Province China
Test Laboratory	: Dongguan New Testing Centre Co., Ltd
Address	: 1F & 3F, No. 1 the 1st North Industry Road Songshan Lake Science & Technology Park Dongguan, People's Republic of China 523808

Test Standard Used:

FCC Rules and Regulations Part 15 Subpart B Class B; ANSI C63.4:2014.

We Declare:

The equipment described above is tested by Dongguan New Testing Centre Co., Ltd and in the configuration tested the equipment complied with the standards specified above (class B). The test results are contained in this test report and Dongguan New Testing Centre Co., Ltd is assumed of full responsibility for the accuracy and completeness of these tests.

After test and evaluation, our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.

Report No.:	NTC-ER2305037		
Date of Test:	Jun.01, 2023 to Jun.26, 2023	Date of Report:	Jun.29, 2023

Prepared By:

Taylor chen

Taylor Chen /Engineer



Dave

Dave Gao/LAB Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Dongguan New Testing Centre Co., Ltd

**** Modified History ****

Revisions	Description	Issued Data	Report No.	Remark
Version 1.0	Initial Test Report Release	2023-06-27	NTC-ER2305037	Dave Gao

1. Summary of test results

Description of Test Item	Standard	Limits	Results
Power Line Conducted Emission Test	FCC Part 15: Subpart B ANSI C63.4: 2014	Class B	PASS
Radiated Emission Test	FCC Part 15: Subpart B ANSI C63.4: 2014	Class B	PASS

2. General test information

2.1. Description of EUT

EUT* Name	: LED wall lamp
Model Number	: 6OUT-DS
EUT function description	: Please reference user manual of this device
Rating	: AC120-277V 50/60Hz 12W
Trade mark	: ARTIKA
EUT Class	: Class B, intended primarily for use in the domestic environment
Maximum work frequency	: <108MHz
Sample Type	: Series production

Note: 1,EUT is the abbreviation of equipment under test.

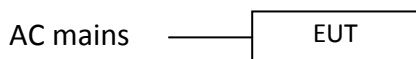
2.2. Detail models

Model	Rating	Note
6OUT-DS	AC120-277V 50/60Hz 12W	6OUT-DS: followed by up to twelve characters

Note: These models of circuits are similar.

2.3. Block diagram EUT configuration for test

For EUT ON mode:



2.4. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	21-25°C
Humidity range:	40-75%
Pressure range:	86-106kPa

2.5. Measurement uncertainty

Test Item	Uncertainty
Uncertainty for Conduction emission test	3.2dB
Uncertainty for Radiation Emission test	4.6 dB (Polarize: V)
	4.6 dB (Polarize: H)

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

2.6. Test Laboratory

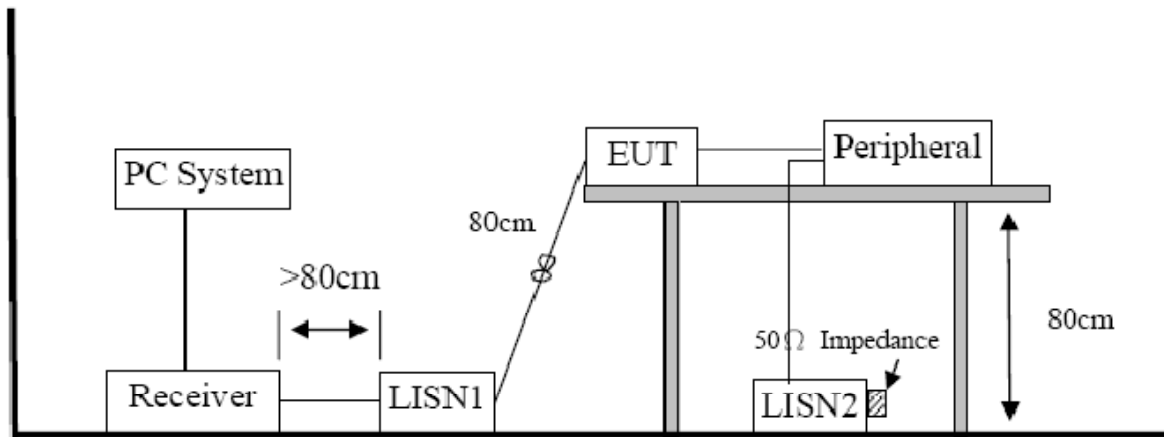
Dongguan New Testing Centre Co., Ltd
Add: 1F & 3F, No. 1 the 1st North Industry Road Songshan Lake Science & Technology Park Dongguan,
People's Republic of China 523808.
Tel: +86-769-22212079; Web: <http://www.ntc-cert.com>; E-mail: dave@ntc-cert.com
A2LA Accreditation No. 5426.01

3. Power Line Conducted Emission Test

3.1. Test equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Test Receiver	R&S	ESPI	100146	2023-05-19	1 Year
2	LISN	R&S	ENV216	3650.6550.06	2023-05-19	1 Year
3	LISN	KHC	KH3765	37650053	2023-05-19	1 Year
4	8-WIRE ISN for CAT6	R&S	ENY81-CA6	101862	2023-05-19	1 Year
5	RF Cable	HUBER	SUCOFLEX100	30722/4E	2023-05-19	2 Year
6	MEASUREMENT SOFTWARE	FARAD	EZ-EMC(VER:1.1.4.2)	N/A	N/A	N/A

3.2. Block diagram of test setup



3.3. Power Line Conducted Emission Limits (Class B)

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

3.4. Test Procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.3 and test equipment as described in clause 3.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.3 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 KHz.

3.5. Test Result

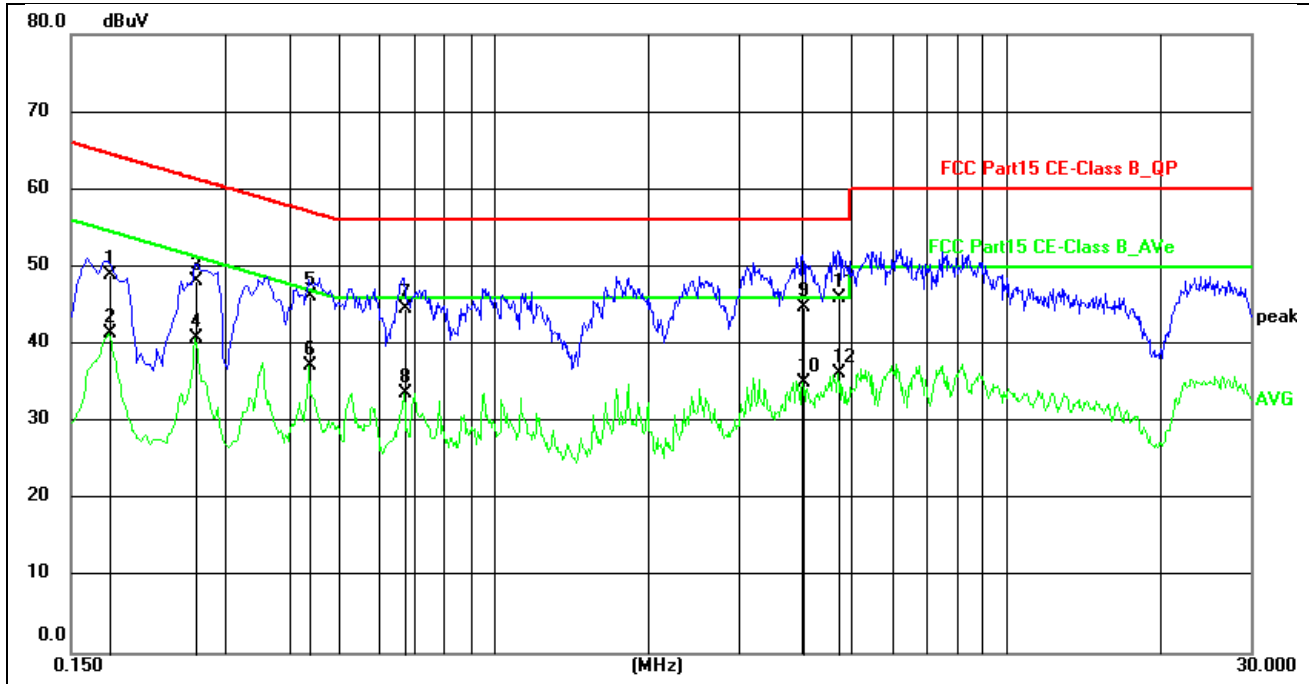
PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: "-----" means Peak detection; "-----" means Average detection.

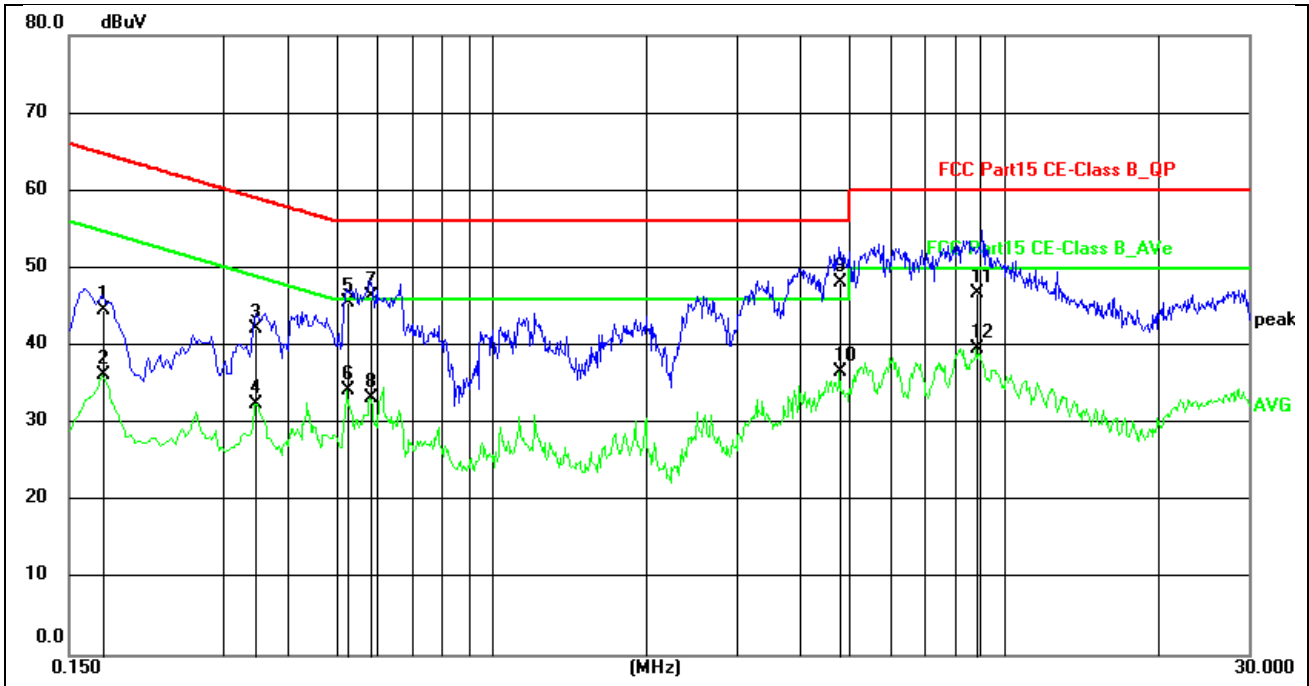
Note3: Measurement = Reading Level + Factor, Margin= Measurement-Limit.

Conducted Emission Test Result



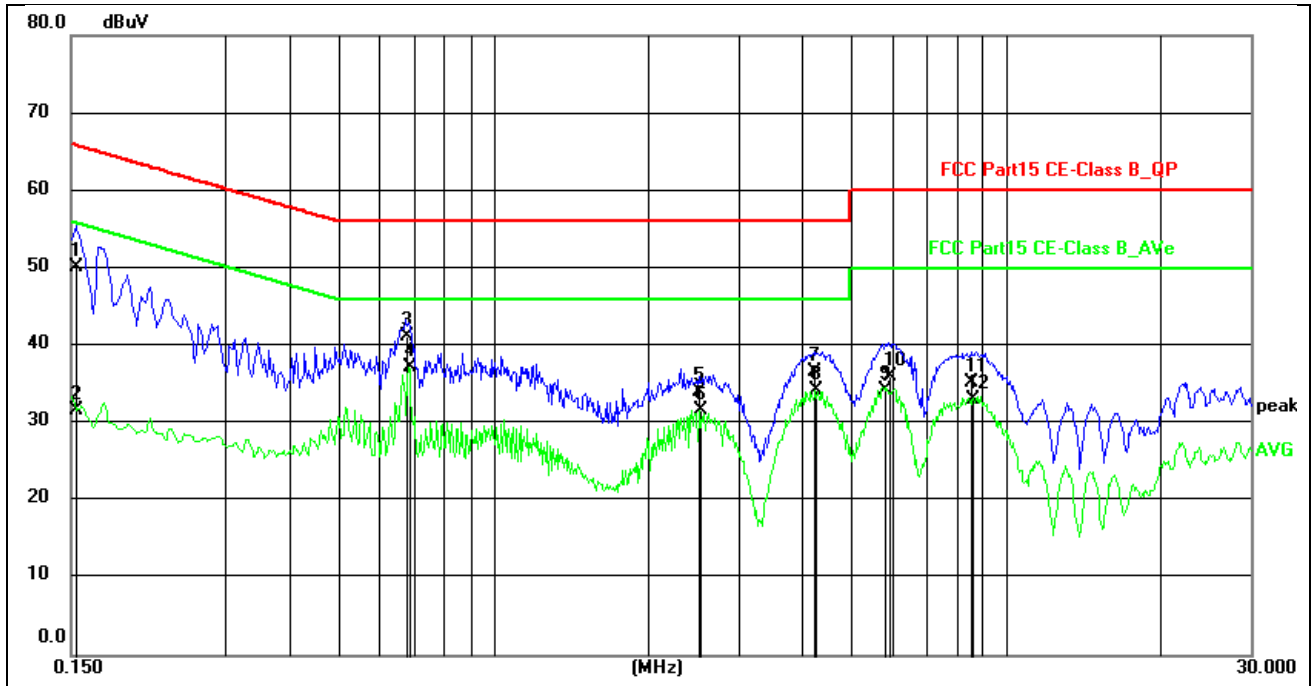
Site:	844LAB	Phase: L1	Temperature(C):24(C)
Limit:	FCC Part15 CE-Class B_QP		Humidity(%):63%
EUT:	LED wall lamp	Test Time:	2023/6/26 15:41:27
M/N.:	6OUT-DS	Power Rating:	AC277/60Hz
Mode:	Lighting	Test Engineer:	
Note:	Maximum brightness		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1780	37.70	11.14	48.84	64.58	-15.74	QP	
2	0.1780	30.23	11.14	41.37	54.58	-13.21	AVG	
3	0.2620	37.04	11.15	48.19	61.37	-13.18	QP	
4	0.2620	29.63	11.15	40.78	51.37	-10.59	AVG	
5	0.4380	34.97	11.19	46.16	57.10	-10.94	QP	
6	0.4380	26.00	11.19	37.19	47.10	-9.91	AVG	
7	0.6700	33.24	11.23	44.47	56.00	-11.53	QP	
8	0.6700	22.36	11.23	33.59	46.00	-12.41	AVG	
9	4.0260	33.57	11.20	44.77	56.00	-11.23	QP	
10	4.0260	23.85	11.20	35.05	46.00	-10.95	AVG	
11	4.7140	34.70	11.17	45.87	56.00	-10.13	QP	
12*	4.7140	25.04	11.17	36.21	46.00	-9.79	AVG	



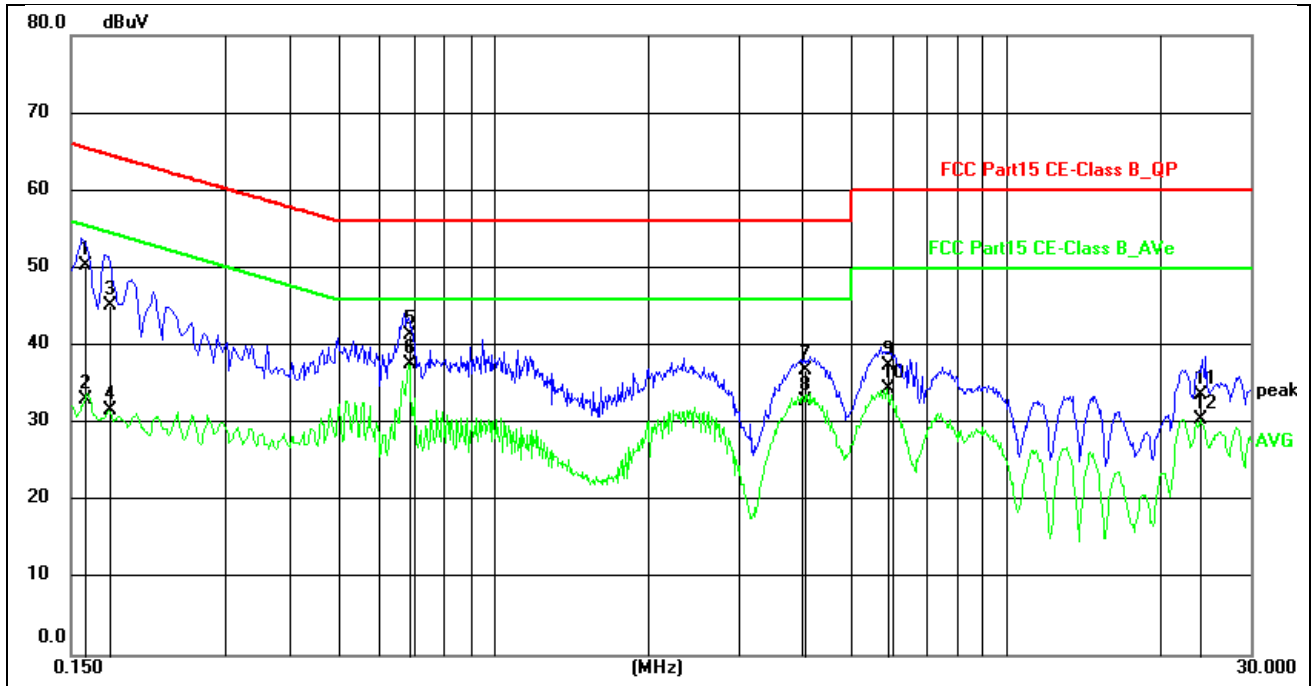
Site:	844LAB	Phase:	N	Temperature(C):	24(C)
Limit:	FCC Part15 CE-Class B_QP	Test Time:	2023/6/26 15:45:13	Humidity(%):	63%
EUT:	LED wall lamp	Power Rating:	AC277/60Hz	Test Engineer:	
M/N.:	6OUT-DS				
Mode:	Lighting				
Note:	Maximum brightness				

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1740	33.41	11.16	44.57	64.77	-20.20	QP	
2	0.1740	24.97	11.16	36.13	54.77	-18.64	AVG	
3	0.3465	30.89	11.26	42.15	59.05	-16.90	QP	
4	0.3465	21.16	11.26	32.42	49.05	-16.63	AVG	
5	0.5220	34.15	11.31	45.46	56.00	-10.54	QP	
6	0.5220	23.02	11.31	34.33	46.00	-11.67	AVG	
7	0.5820	34.97	11.29	46.26	56.00	-9.74	QP	
8	0.5820	21.92	11.29	33.21	46.00	-12.79	AVG	
9 *	4.7819	37.04	11.11	48.15	56.00	-7.85	QP	
10	4.7819	25.49	11.11	36.60	46.00	-9.40	AVG	
11	8.8380	35.69	11.12	46.81	60.00	-13.19	QP	
12	8.8380	28.52	11.12	39.64	50.00	-10.36	AVG	



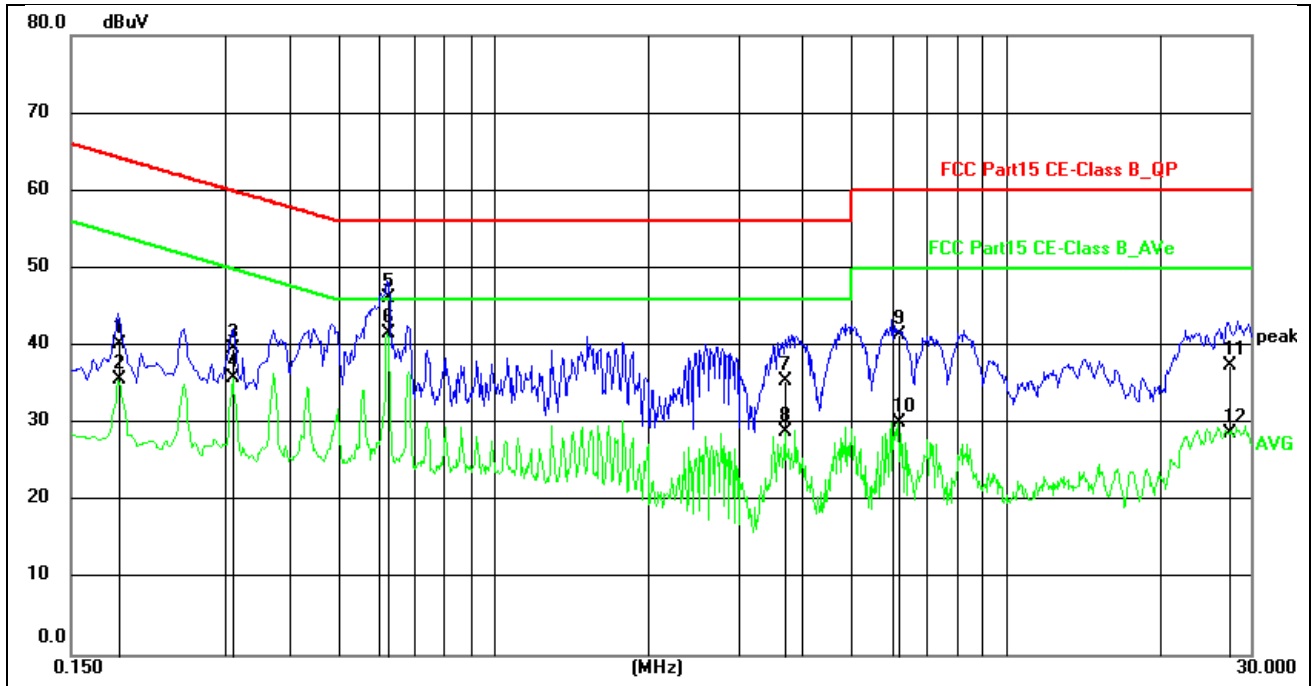
Site:	844LAB	Phase:	N	Temperature(C):	24(C)
Limit:	FCC Part15 CE-Class B_QP	Test Time:	2023/6/26 15:48:21	Humidity(%):	63%
EUT:	LED wall lamp	Power Rating:	AC277/60Hz	Test Engineer:	
M/N.:	60UT-DS	Note:	Minimum brightness		
Mode:	Lighting				

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1539	38.92	11.15	50.07	65.79	-15.72	QP	
2	0.1539	20.51	11.15	31.66	55.79	-24.13	AVG	
3	0.6780	29.85	11.26	41.11	56.00	-14.89	QP	
4 *	0.6860	25.91	11.26	37.17	46.00	-8.83	AVG	
5	2.5180	22.79	11.20	33.99	56.00	-22.01	QP	
6	2.5340	20.56	11.19	31.75	46.00	-14.25	AVG	
7	4.2380	25.58	11.13	36.71	56.00	-19.29	QP	
8	4.2540	23.10	11.12	34.22	46.00	-11.78	AVG	
9	5.8260	23.10	11.10	34.20	50.00	-15.80	AVG	
10	5.9180	24.87	11.10	35.97	60.00	-24.03	QP	
11	8.5860	24.19	11.11	35.30	60.00	-24.70	QP	
12	8.6024	22.04	11.11	33.15	50.00	-16.85	AVG	



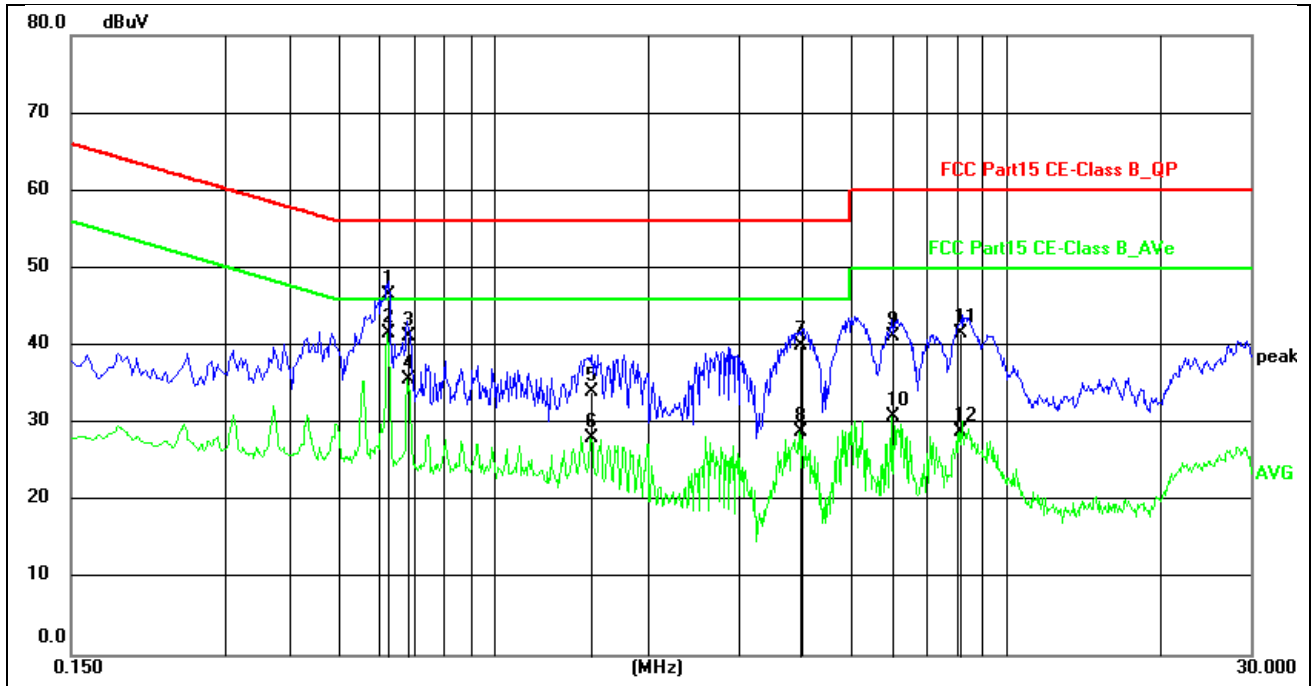
Site:	844LAB	Phase:L1	Temperature(C):24(C)
Limit:	FCC Part15 CE-Class B_QP		Humidity(%):63%
EUT:	LED wall lamp	Test Time:	2023/6/26 15:51:44
M/N.:	6OUT-DS	Power Rating:	AC277/60Hz
Mode:	Lighting	Test Engineer:	
Note:	Minimum brightness		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1598	39.22	11.14	50.36	65.47	-15.11	QP	
2	0.1598	21.84	11.14	32.98	55.47	-22.49	AVG	
3	0.1780	33.99	11.14	45.13	64.58	-19.45	QP	
4	0.1780	20.53	11.14	31.67	54.58	-22.91	AVG	
5	0.6860	30.14	11.24	41.38	56.00	-14.62	QP	
6 *	0.6860	26.37	11.24	37.61	46.00	-8.39	AVG	
7	4.0380	25.66	11.19	36.85	56.00	-19.15	QP	
8	4.0380	21.73	11.19	32.92	46.00	-13.08	AVG	
9	5.8700	26.26	11.18	37.44	60.00	-22.56	QP	
10	5.8700	23.20	11.18	34.38	50.00	-15.62	AVG	
11	23.9380	22.06	11.59	33.65	60.00	-26.35	QP	
12	23.9380	18.97	11.59	30.56	50.00	-19.44	AVG	



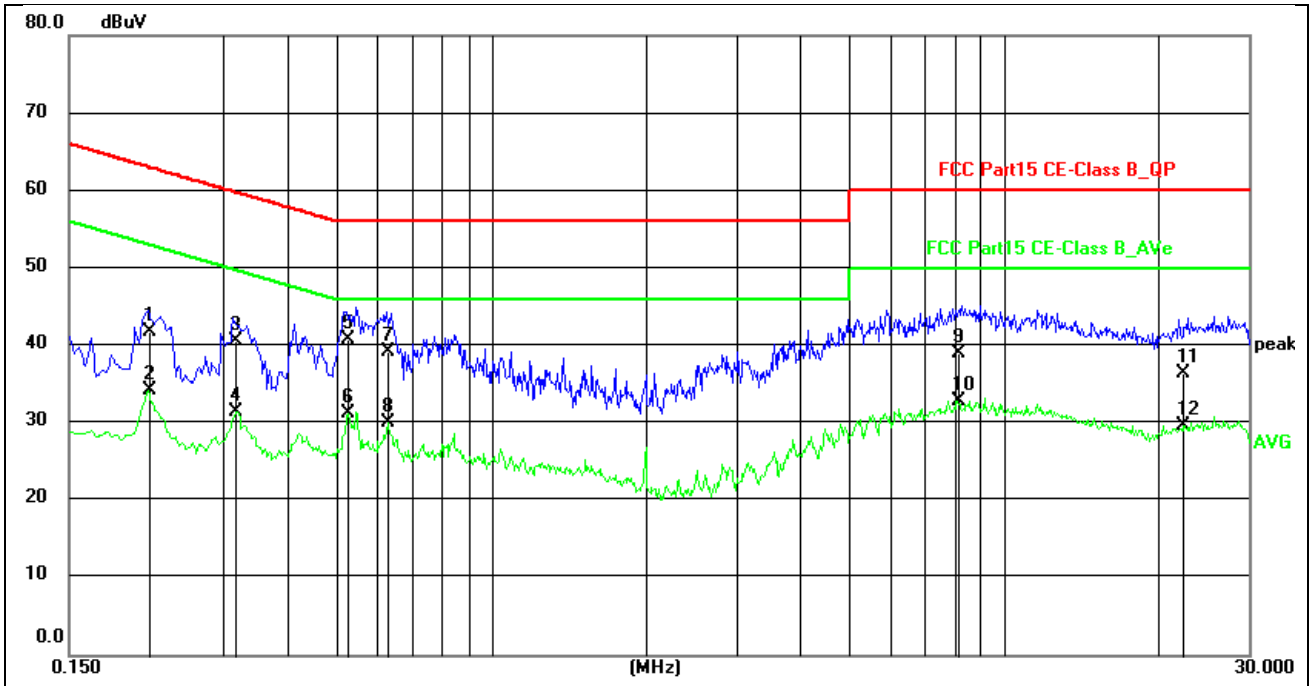
Site:	844LAB	Phase:L1	Temperature(C):24(C)
Limit:	FCC Part15 CE-Class B_QP		Humidity(%):63%
EUT:	LED wall lamp	Test Time:	2023/6/26 15:55:11
M/N.:	6OUT-DS	Power Rating:	AC120/60Hz
Mode:	Lighting	Test Engineer:	
Note:	Minimum brightness		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1860	28.98	11.14	40.12	64.21	-24.09	QP	
2	0.1860	24.46	11.14	35.60	54.21	-18.61	AVG	
3	0.3100	28.47	11.17	39.64	59.97	-20.33	QP	
4	0.3100	24.75	11.17	35.92	49.97	-14.05	AVG	
5	0.6220	34.87	11.23	46.10	56.00	-9.90	QP	
6 *	0.6220	30.37	11.23	41.60	46.00	-4.40	AVG	
7	3.7038	24.23	11.20	35.43	56.00	-20.57	QP	
8	3.7038	17.60	11.20	28.80	46.00	-17.20	AVG	
9	6.1860	30.15	11.18	41.33	60.00	-18.67	QP	
10	6.1860	18.90	11.18	30.08	50.00	-19.92	AVG	
11	27.2180	25.94	11.54	37.48	60.00	-22.52	QP	
12	27.2180	17.21	11.54	28.75	50.00	-21.25	AVG	



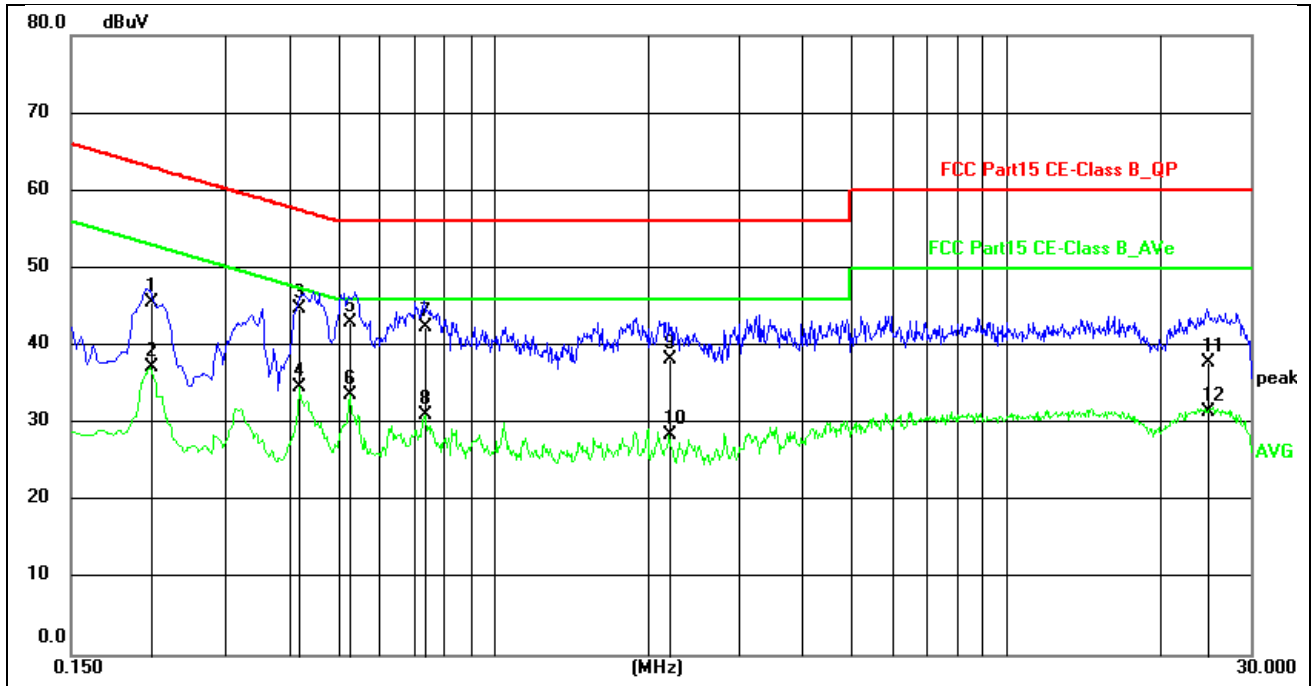
Site:	844LAB	Phase:	N	Temperature(C):	24(C)
Limit:	FCC Part15 CE-Class B_QP	Test Time:	2023/6/26 15:58:39	Humidity(%):	63%
EUT:	LED wall lamp	Power Rating:	AC120/60Hz	Test Engineer:	
M/N.:	6OUT-DS	Note:	Minimum brightness		
Mode:	Lighting				

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.6220	35.19	11.28	46.47	56.00	-9.53	QP	
2 *	0.6220	30.28	11.28	41.56	46.00	-4.44	AVG	
3	0.6820	29.87	11.26	41.13	56.00	-14.87	QP	
4	0.6820	24.46	11.26	35.72	46.00	-10.28	AVG	
5	1.5500	22.89	11.22	34.11	56.00	-21.89	QP	
6	1.5500	16.85	11.22	28.07	46.00	-17.93	AVG	
7	3.9620	28.82	11.14	39.96	56.00	-16.04	QP	
8	3.9620	17.81	11.14	28.95	46.00	-17.05	AVG	
9	5.9980	30.04	11.10	41.14	60.00	-18.86	QP	
10	5.9980	19.70	11.10	30.80	50.00	-19.20	AVG	
11	8.1059	30.41	11.11	41.52	60.00	-18.48	QP	
12	8.1059	17.75	11.11	28.86	50.00	-21.14	AVG	



Site:	844LAB	Phase:	N	Temperature(C):	24(C)
Limit:	FCC Part15 CE-Class B_QP	Test Time:	2023/6/26 16:02:14	Humidity(%):	63%
EUT:	LED wall lamp	Power Rating:	AC120/60Hz	Test Engineer:	
M/N.:	6OUT-DS	Note:	Maximum brightness		
Mode:	Lighting				

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.2140	30.56	11.18	41.74	63.05	-21.31	QP	
2	0.2140	23.03	11.18	34.21	53.05	-18.84	AVG	
3	0.3180	29.26	11.25	40.51	59.76	-19.25	QP	
4	0.3180	20.24	11.25	31.49	49.76	-18.27	AVG	
5	0.5260	29.56	11.31	40.87	56.00	-15.13	QP	
6 *	0.5260	20.05	11.31	31.36	46.00	-14.64	AVG	
7	0.6300	27.98	11.28	39.26	56.00	-16.74	QP	
8	0.6300	18.82	11.28	30.10	46.00	-15.90	AVG	
9	8.1100	27.95	11.10	39.05	60.00	-20.95	QP	
10	8.1100	21.70	11.10	32.80	50.00	-17.20	AVG	
11	22.3020	24.87	11.53	36.40	60.00	-23.60	QP	
12	22.3020	18.23	11.53	29.76	50.00	-20.24	AVG	



Site:	844LAB	Phase:L1	Temperature(C):24(C)
Limit:	FCC Part15 CE-Class B_QP		Humidity(%):63%
EUT:	LED wall lamp	Test Time:	2023/6/26 16:05:25
M/N.:	6OUT-DS	Power Rating:	AC120/60Hz
Mode:	Lighting	Test Engineer:	
Note:	Maximum brightness		

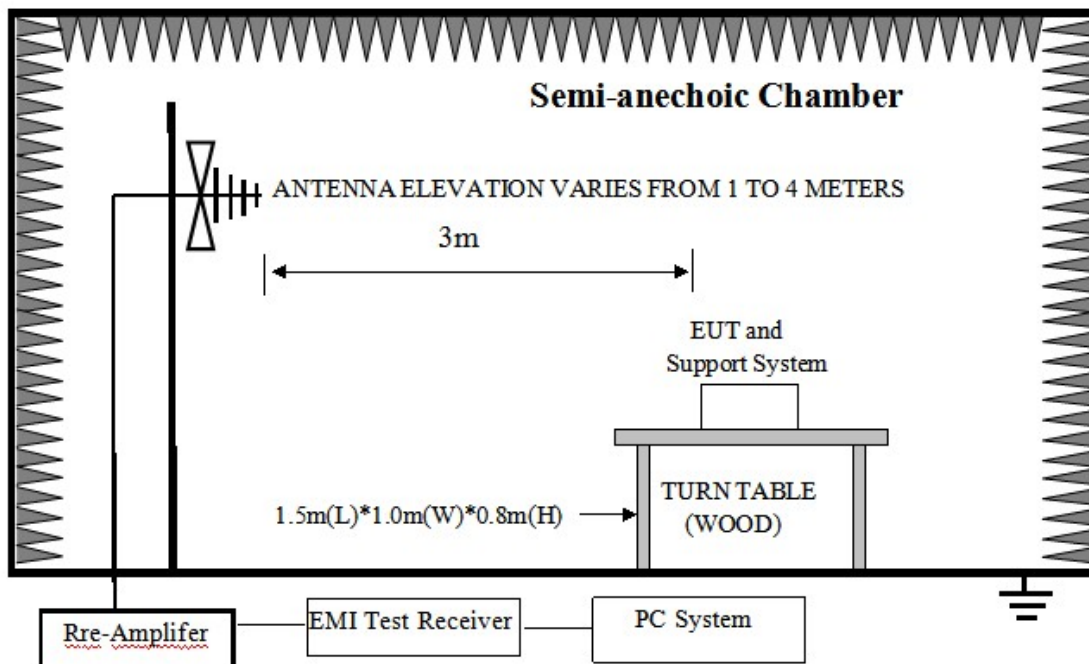
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.2140	34.40	11.14	45.54	63.05	-17.51	QP	
2	0.2140	26.09	11.14	37.23	53.05	-15.82	AVG	
3	0.4180	33.53	11.18	44.71	57.49	-12.78	QP	
4	0.4180	23.40	11.18	34.58	47.49	-12.91	AVG	
5	0.5260	31.77	11.21	42.98	56.00	-13.02	QP	
6 *	0.5260	22.47	11.21	33.68	46.00	-12.32	AVG	
7	0.7380	31.05	11.25	42.30	56.00	-13.70	QP	
8	0.7380	19.82	11.25	31.07	46.00	-14.93	AVG	
9	2.2100	26.93	11.24	38.17	56.00	-17.83	QP	
10	2.2100	17.22	11.24	28.46	46.00	-17.54	AVG	
11	24.6860	26.15	11.60	37.75	60.00	-22.25	QP	
12	24.6860	19.90	11.60	31.50	50.00	-18.50	AVG	

4. Radiated emission test

4.1. Test equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	EMI TEST RECEIVER	R&S	ESR	7250-304067 528	2023-05-19	1 Year
2	TRILOG BROADBAND ANTENNA	Schwarzbeck	VULB9168	00969	2023-05-19	2 Year
3	PRE-AMPLIFIER	R&S	8447F	3113A04553	2023-05-19	1 Year
4	RF CABLE	GORE	OSQ01Q0107 8.7	SN15458474	2023-05-19	2 Year
5	RF CABLE	ESCO	ETS-LINGREN	RFC-SMS-100- SMS-340-IN	2023-05-19	2 Year
6	MEASUREMENT SOFTWARE	FARAD	EZ-EMC(VER: 1.1.4.2)	N/A	N/A	N/A

4.2. Block diagram of test setup



4.3. Radiated emission limit (Class B)

Frequency (MHz)	Distance (Meters)	Field Strengths Limits dB(μ V)/m
30--88	3	40.0
88--216	3	43.5
216--960	3	46.0
960--1000	3	54.0

Note: (1) The smaller limit shall apply at the cross point between two frequency bands.

(2) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

4.4. Test Procedure

Procedure of Preliminary Test

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.3 and test equipment as described in clause 4.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

Mains cables, telephone lines or other connections to auxiliary equipment located outside the test are shall drape to the floor, be fitted with ferrite clamps or ferrite tubes placed on the floor at the point where the cable reaches the floor and then routed to the place where they leave the turntable. No extension cords shall be used to mains receptacle.

The antenna was placed at 3 meters away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.

The Analyzer / Receiver quickly scanned from 30MHz to 1000MHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

The test mode(s) described in clause 2.3 were scanned during the preliminary test:

After the preliminary scan, we found the test mode producing the highest emission level. The EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for the final test.

Procedure of Final Test

EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.

The Analyzer / Receiver scanned from 30MHz to 1000MHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.

The test data of the worst-case condition(s) was recorded.

The bandwidth setting of the test receiver is 120 kHz.

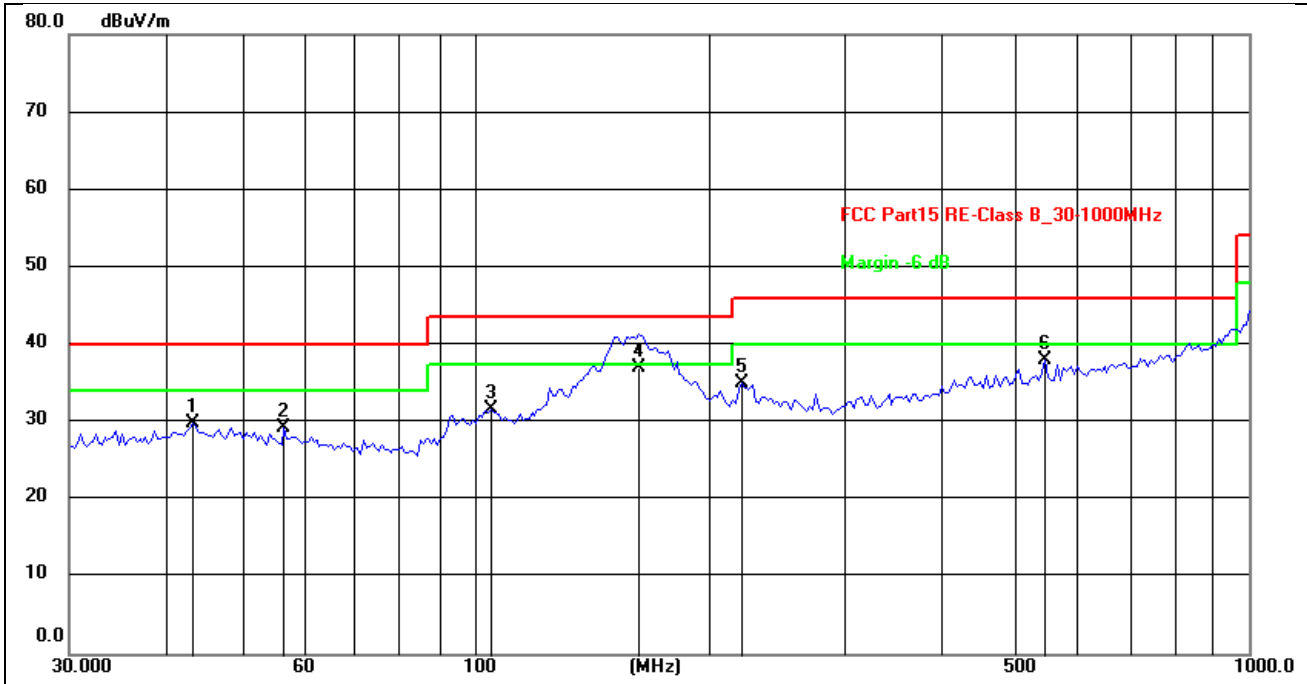
4.5. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported here are too low against the prescribed limits.

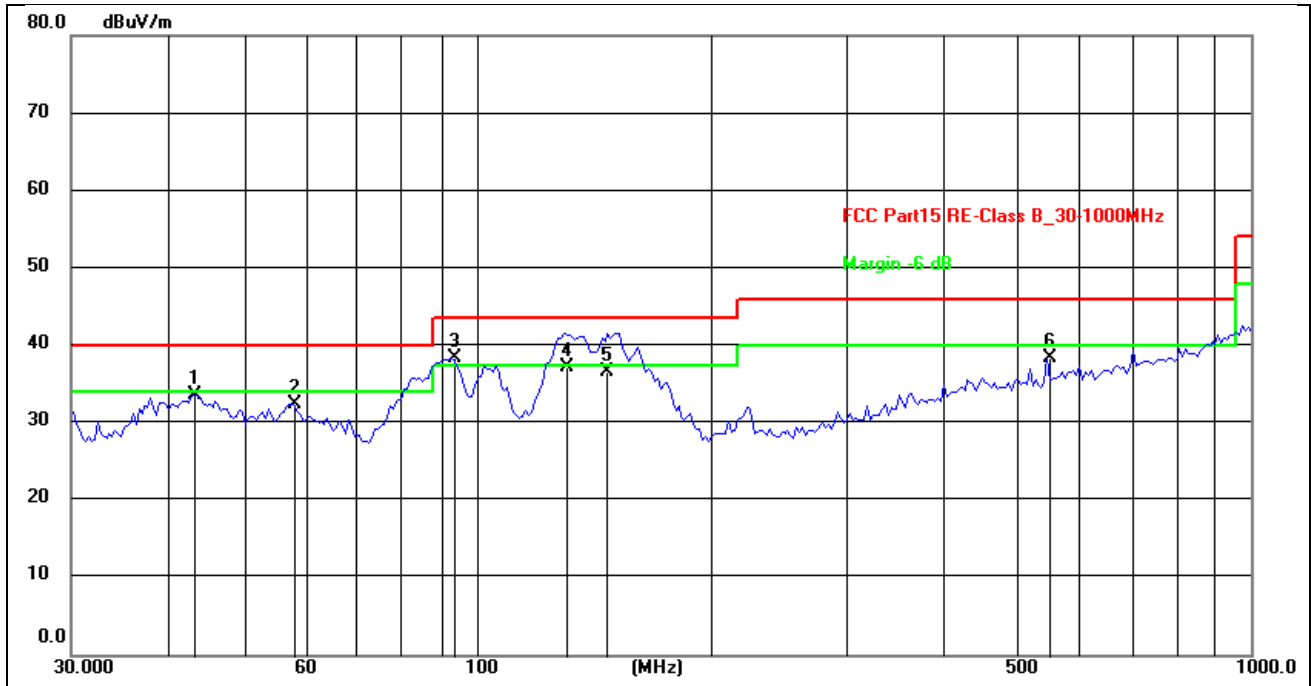
Note2: Result Level = Reading Level + Antenna Factor + Cable Loss, Margin= Level-Limit.

Radiated Emission Test Result



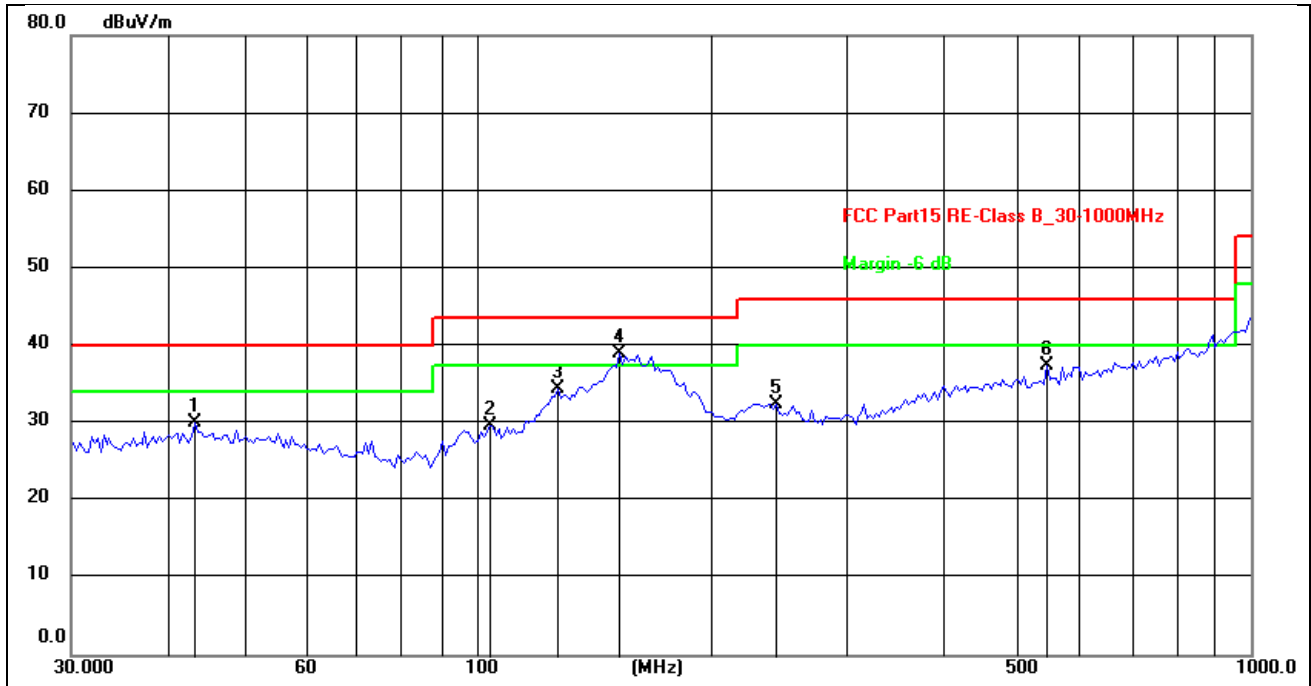
Site:	966LAB	Antenna::	Horizontal	Temperature(C):	24(C)
Limit:	FCC Part15 RE-Class B_30-1000MHz			Humidity(%):	60%
EUT:	LED wall lamp	Test Time:	2023/6/26 17:05:08		
M/N.:	6OUT-DS	Power Rating:	AC 277V/60Hz		
Mode:	Lighting	Test Engineer:			
Note:	Maximum Brightness				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	43.3534	15.30	14.54	29.84	40.00	-10.16	peak	200	162	
2	56.8914	15.68	13.53	29.21	40.00	-10.79	peak	200	132	
3	105.0873	20.16	11.60	31.76	43.50	-11.74	peak	200	125	
4 *	162.8959	21.78	15.19	36.97	43.50	-6.53	QP	200	182	
5	221.3921	22.24	12.80	35.04	46.00	-10.96	peak	200	356	
6	546.1392	17.34	20.60	37.94	46.00	-8.06	peak	100	56	



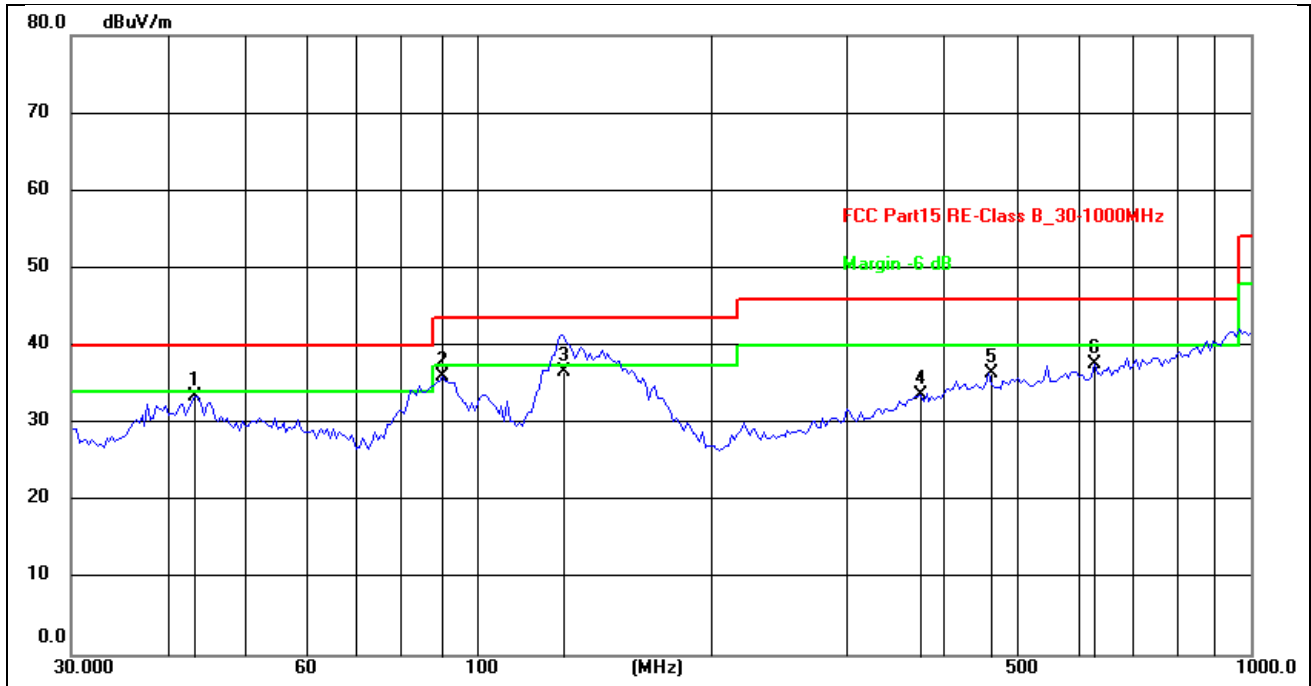
Site:	966LAB	Antenna::	Vertical	Temperature(C):	24(C)
Limit:	FCC Part15 RE-Class B_30-1000MHz			Humidity(%):	60%
EUT:	LED wall lamp	Test Time:	2023/6/26 17:07:43		
M/N.:	6OUT-DS	Power Rating:	AC 277V/60Hz		
Mode:	Lighting	Test Engineer:			
Note:	Maximum Brightness				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	43.3534	18.92	14.70	33.62	40.00	-6.38	peak	100	312	
2	57.8977	18.57	13.96	32.53	40.00	-7.47	peak	100	168	
3 *	92.9501	27.41	10.99	38.40	43.50	-5.10	peak	100	340	
4	129.6950	22.86	14.35	37.21	43.50	-6.29	QP	100	319	
5	147.9214	21.00	15.71	36.71	43.50	-6.79	QP	100	271	
6	546.1393	17.72	20.60	38.32	46.00	-7.68	peak	100	356	



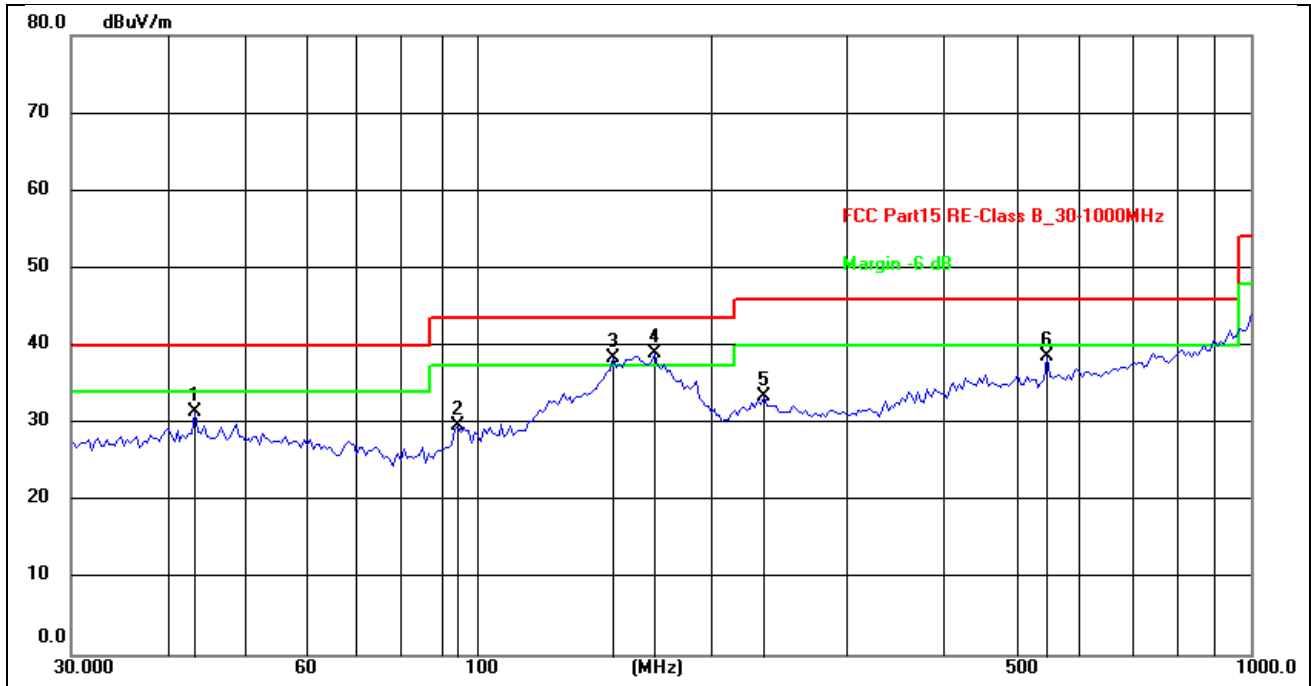
Site:	966LAB	Antenna::Horizontal	Temperature(C):24(C)
Limit:	FCC Part15 RE-Class B_30-1000MHz		Humidity(%):60%
EUT:	LED wall lamp	Test Time:	2023/6/26 17:14:29
M/N.:	6OUT-DS	Power Rating:	AC 277V/60Hz
Mode:	Lighting	Test Engineer:	
Note:	Minimum Brightness		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	43.3534	15.54	14.54	30.08	40.00	-9.92	peak	200	205	
2	104.1701	18.10	11.52	29.62	43.50	-13.88	peak	200	135	
3	127.4408	20.51	13.97	34.48	43.50	-9.02	peak	200	340	
4 *	153.2003	24.55	14.55	39.10	43.50	-4.40	peak	200	146	
5	243.8042	18.67	13.88	32.55	46.00	-13.45	peak	200	3	
6	546.1392	16.79	20.60	37.39	46.00	-8.61	peak	200	164	



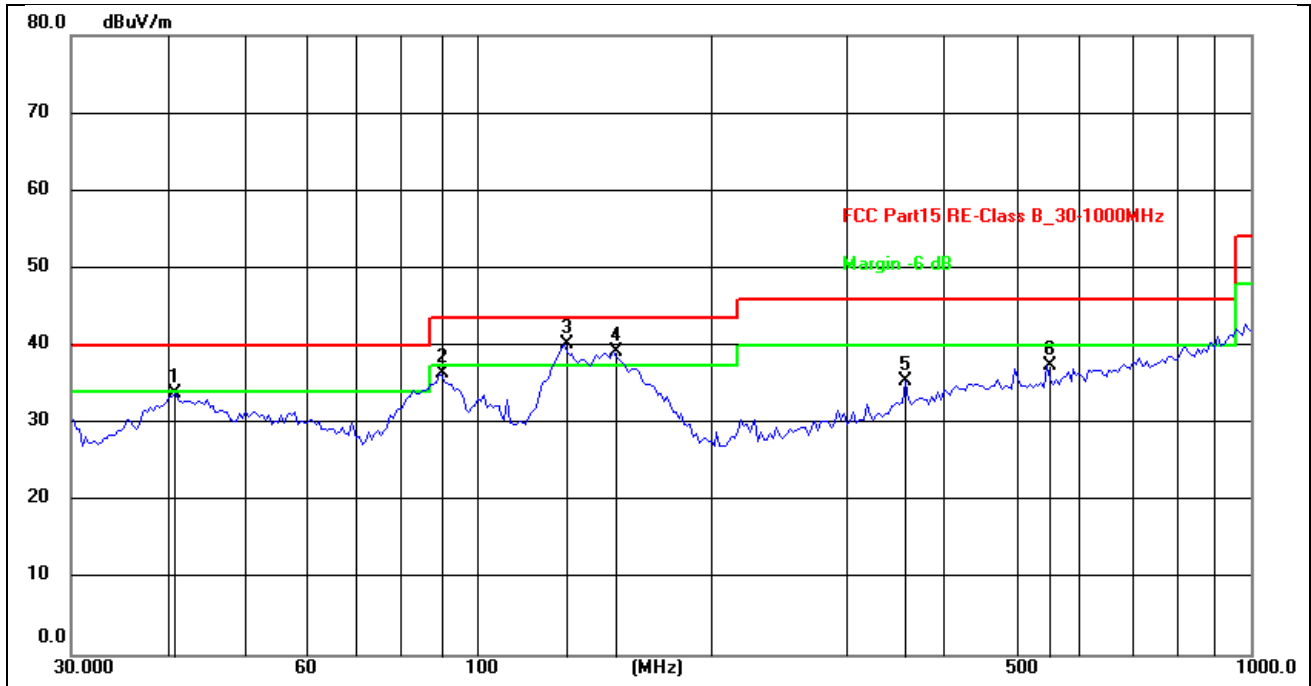
Site:	966LAB	Antenna::	Vertical	Temperature(C)::	24(C)
Limit:	FCC Part15 RE-Class B_30-1000MHz			Humidity(%)::	60%
EUT:	LED wall lamp	Test Time:	2023/6/26 17:17:04		
M/N.:	6OUT-DS	Power Rating:	AC 277V/60Hz		
Mode:	Lighting	Test Engineer:			
Note:	Minimum Brightness				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1 *	43.3534	18.74	14.70	33.44	40.00	-6.56	peak	100	343	
2	90.5374	25.21	10.80	36.01	43.50	-7.49	peak	100	176	
3	128.5630	22.29	14.28	36.57	43.50	-6.93	QP	100	296	
4	374.6225	16.67	16.99	33.66	46.00	-12.34	peak	100	34	
5	458.3102	17.30	19.06	36.36	46.00	-9.64	peak	100	64	
6	628.3745	15.36	22.33	37.69	46.00	-8.31	peak	200	252	



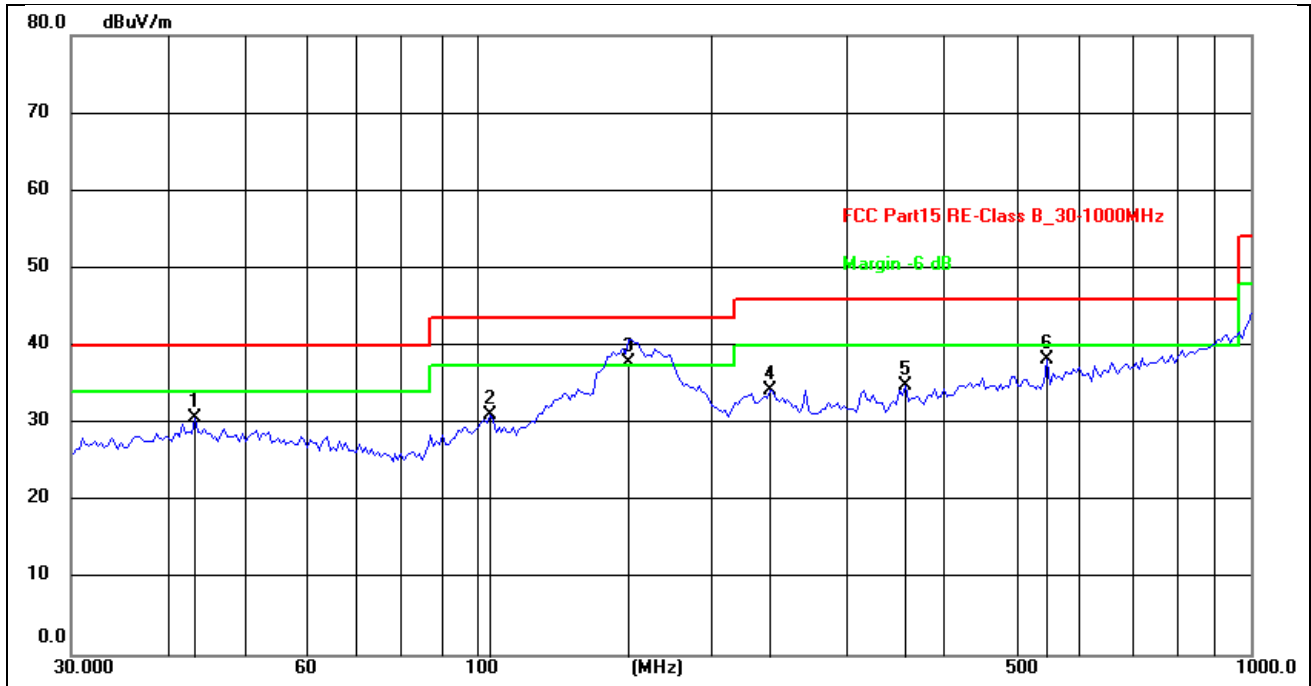
Site:	966LAB	Antenna::Horizontal	Temperature(C):24(C)
Limit:	FCC Part15 RE-Class B_30-1000MHz		Humidity(%):60%
EUT:	LED wall lamp	Test Time:	2023/6/26 17:21:22
M/N.:	6OUT-DS	Power Rating:	AC 120V/60Hz
Mode:	Lighting	Test Engineer:	
Note:	Minimum Brightness		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	43.3534	16.86	14.54	31.40	40.00	-8.60	peak	100	288	
2	94.5940	19.41	10.28	29.69	43.50	-13.81	peak	200	325	
3 !	150.5377	24.17	14.27	38.44	43.50	-5.06	peak	200	171	
4 *	170.1947	24.05	14.97	39.02	43.50	-4.48	peak	200	332	
5	235.4032	19.72	13.67	33.39	46.00	-12.61	peak	200	3	
6	546.1392	18.01	20.60	38.61	46.00	-7.39	peak	100	325	



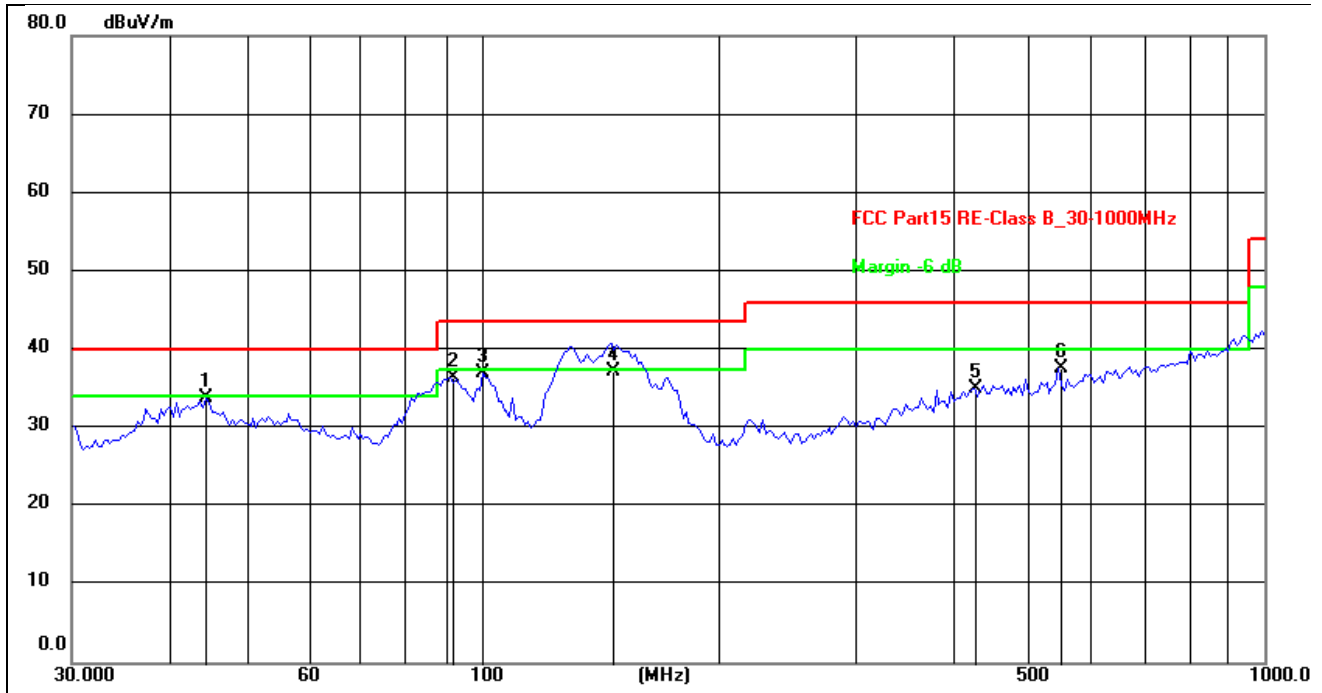
Site:	966LAB	Antenna::	Vertical	Temperature(C):	24(C)
Limit:	FCC Part15 RE-Class B_30-1000MHz			Humidity(%):	60%
EUT:	LED wall lamp	Test Time:	2023/6/26 17:23:57		
M/N.:	6OUT-DS	Power Rating:	AC 120V/60Hz		
Mode:	Lighting	Test Engineer:			
Note:	Minimum Brightness				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	40.7730	18.99	14.90	33.89	40.00	-6.11	peak	100	3	
2	89.7472	25.62	10.75	36.37	43.50	-7.13	peak	100	360	
3 *	129.6950	25.75	14.35	40.10	43.50	-3.40	peak	100	284	
4 !	150.5378	23.26	15.86	39.12	43.50	-4.38	peak	100	267	
5	358.5568	18.81	16.62	35.43	46.00	-10.57	peak	100	56	
6	546.1393	16.88	20.60	37.48	46.00	-8.52	peak	100	291	



Site:	966LAB	Antenna::Horizontal	Temperature(C):24(C)
Limit:	FCC Part15 RE-Class B_30-1000MHz		Humidity(%):60%
EUT:	LED wall lamp	Test Time:	2023/6/26 17:27:36
M/N.:	6OUT-DS	Power Rating:	AC 120V/60Hz
Mode:	Lighting	Test Engineer:	
Note:	Maximum Brightness		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	43.3534	16.21	14.54	30.75	40.00	-9.25	peak	100	72	
2	104.1701	19.61	11.52	31.13	43.50	-12.37	peak	200	330	
3 *	157.2828	22.83	14.97	37.80	43.50	-5.70	QP	200	186	
4	239.5669	20.34	13.92	34.26	46.00	-11.74	peak	200	3	
5	358.5568	18.16	16.62	34.78	46.00	-11.22	peak	100	284	
6	546.1392	17.55	20.60	38.15	46.00	-7.85	peak	100	275	



Site:	966LAB	Antenna::	Vertical	Temperature(C):	24(C)
Limit:	FCC Part15 RE-Class B_30-1000MHz			Humidity(%):	60%
EUT:	LED wall lamp	Test Time:	2023/6/26 17:30:11		
M/N.:	6OUT-DS	Power Rating:	AC 120V/60Hz		
Mode:	Lighting	Test Engineer:			
Note:	Maximum Brightness				

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1 *	44.5087	19.28	14.61	33.89	40.00	-6.11	peak	100	306	
2	91.3346	25.51	10.86	36.37	43.50	-7.13	peak	100	3	
3	100.5806	25.40	11.61	37.01	43.50	-6.49	peak	100	343	
4	146.6304	21.53	15.62	37.15	43.50	-6.35	QP	100	280	
5	423.5403	16.75	18.21	34.96	46.00	-11.04	peak	100	354	
6	546.1393	17.03	20.60	37.63	46.00	-8.37	peak	100	57	

5. Test setup photograph

5.1. Photos of power line conducted emission test



5.2. Photos of radiated emission test



6. Photos of the EUT

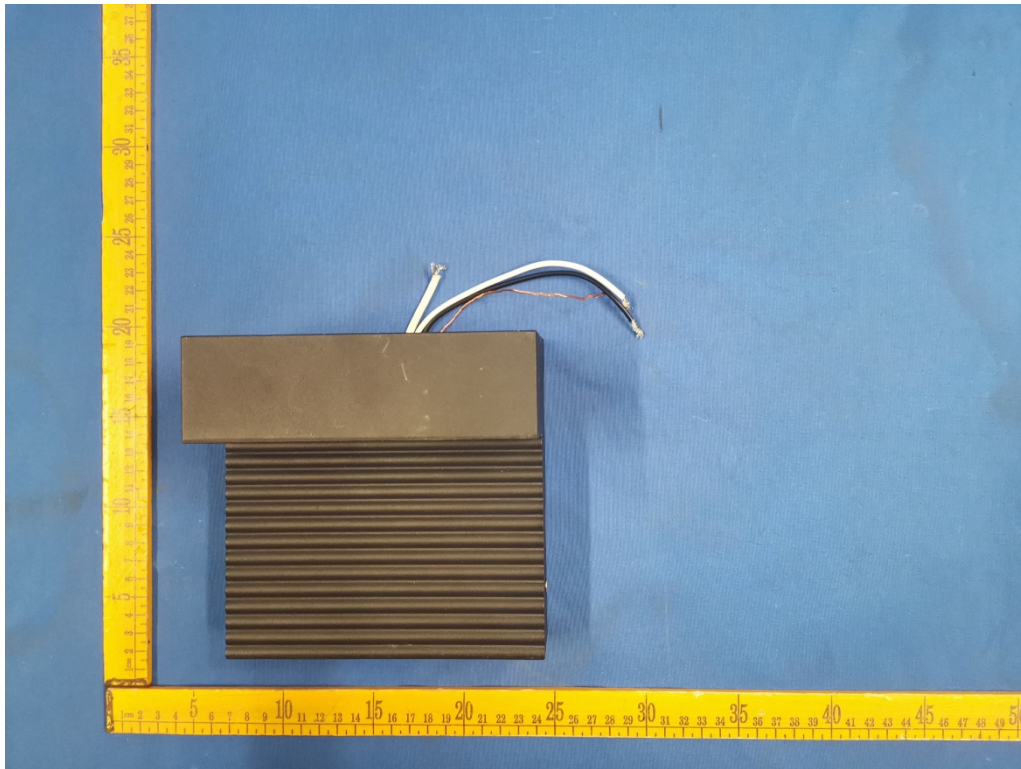


Fig.1(Model: 6OUT-DS)

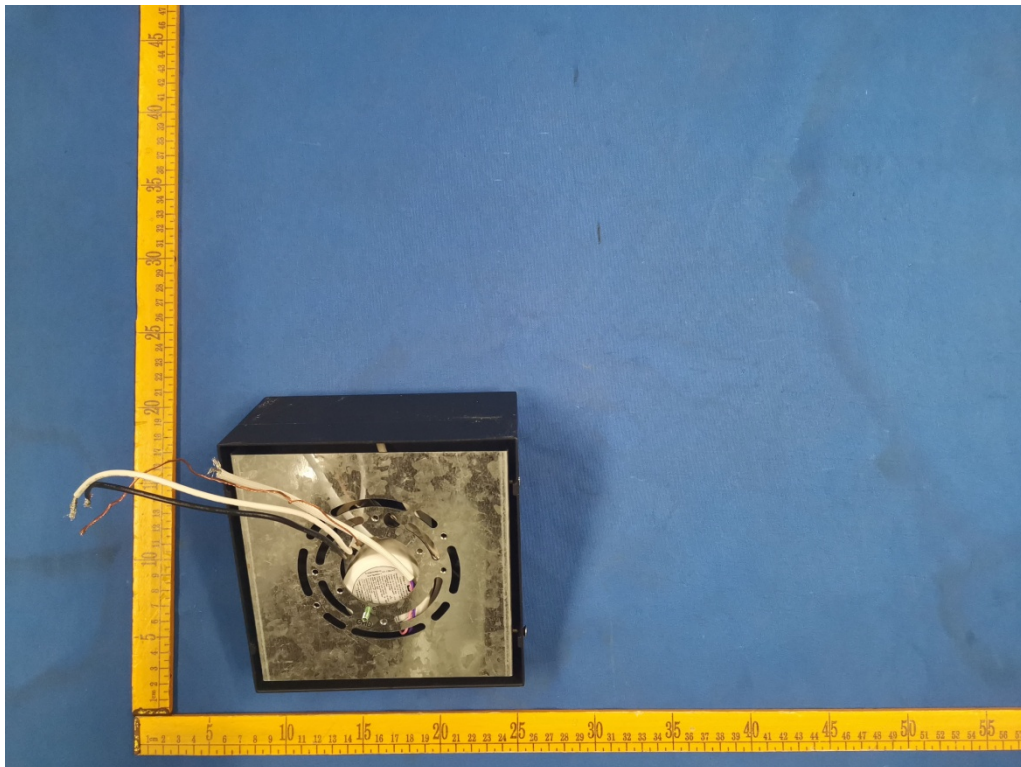


Fig.2(Model: 6OUT-DS)

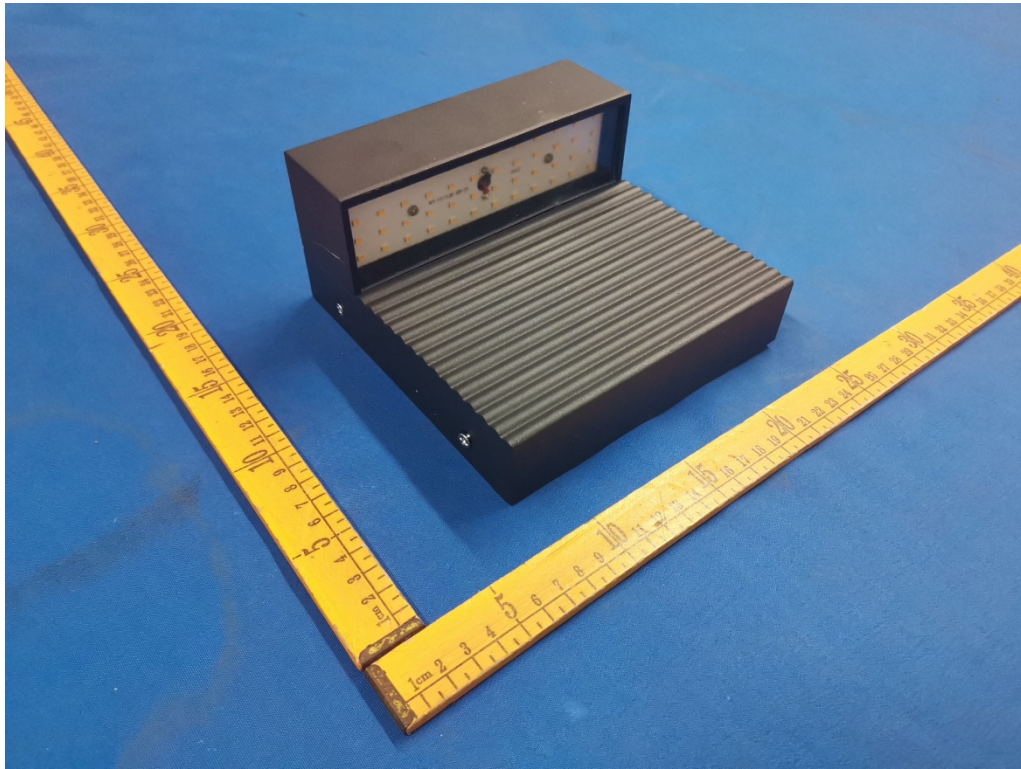


Fig.3(Model: 6OUT-DS)



Fig.4(Model: 6OUT-DS)



Fig.5(Model: 6OUT-DS)

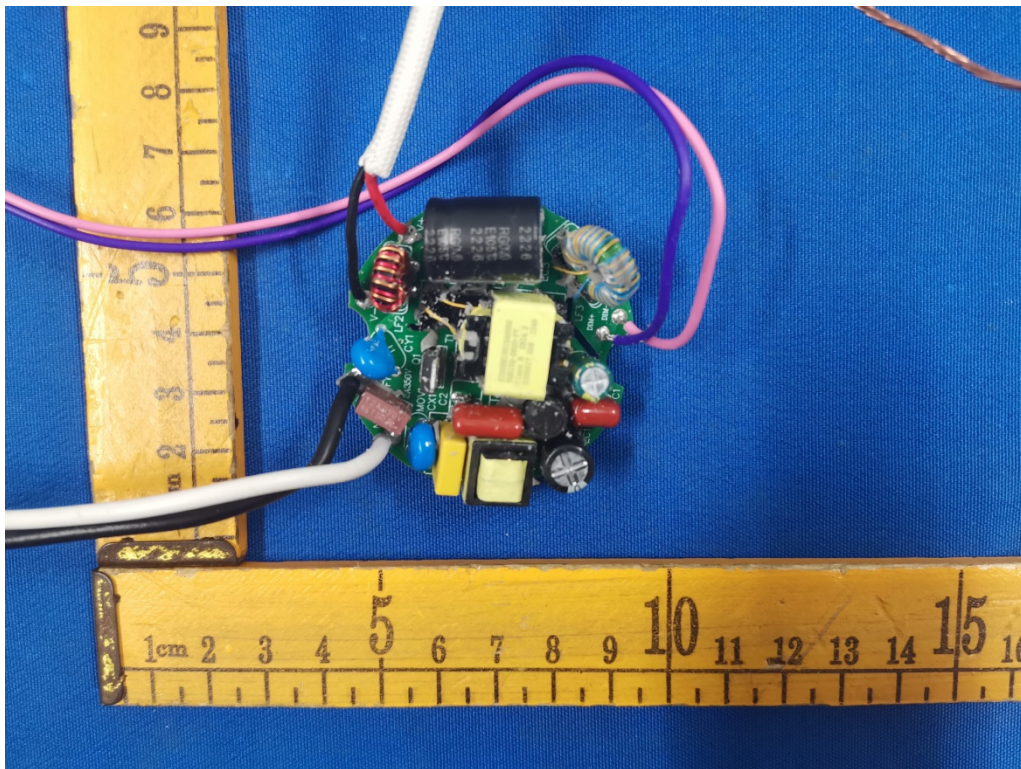


Fig.6(Model: 6OUT-DS)

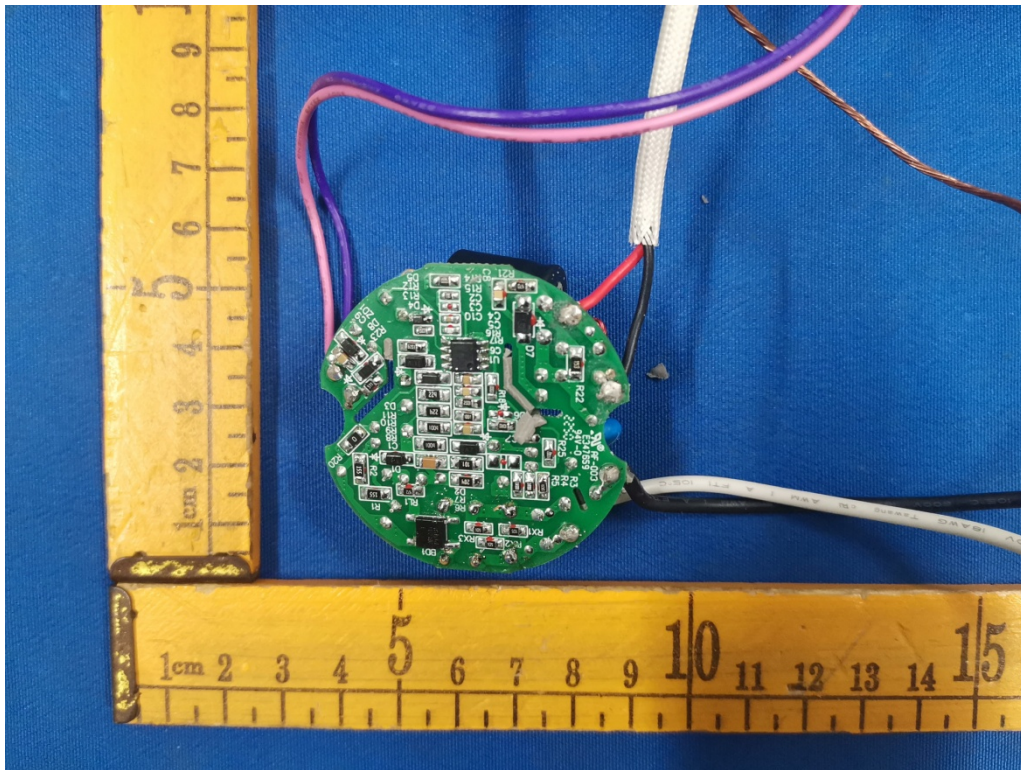


Fig.7(Model: 6OUT-DS)



Fig.8(Model: 6OUT-DS)

Appendix I

Regulatory Statement and Label Marking Advice for the FCC SDoC

1. Marking Suggested for the label:

Trade Name and model number

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

2. Statement suggested for the User Manual:

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Notes: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: If shielded cables or special accessories are required for compliance, a statement must be included which instructs the user to employ them, for example, Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

--END OF REPORT--