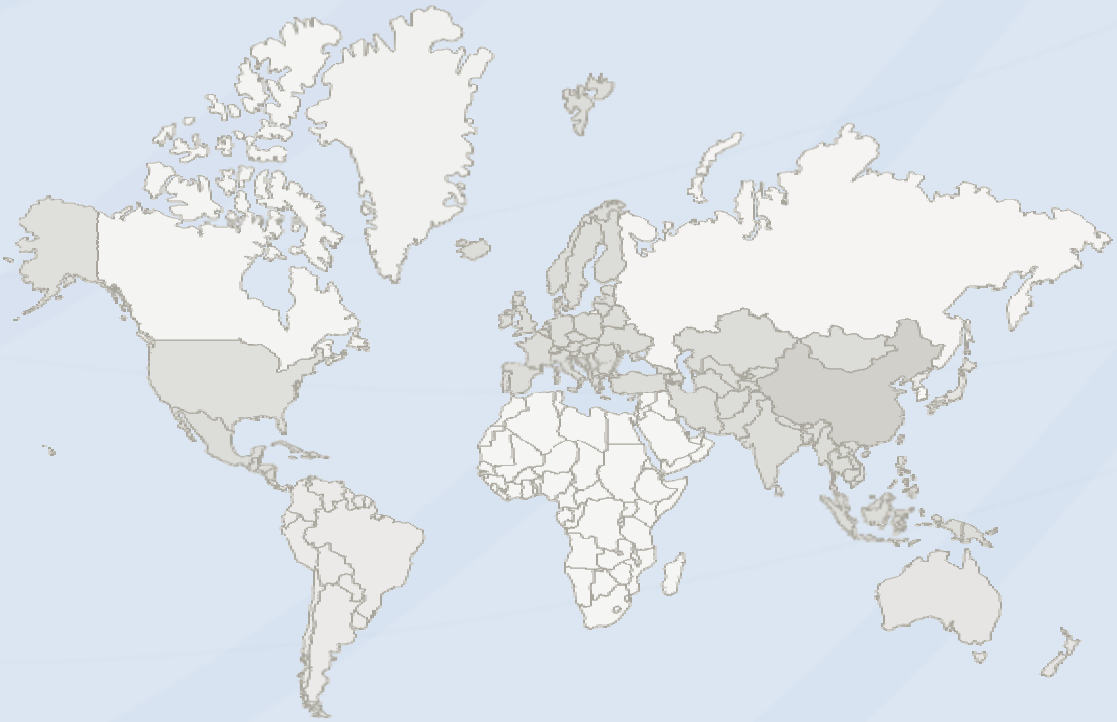
FCC TEST REPORT

Report No. ..... :	NTC-ER2305039
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

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TEST REPORT DECLARE

FCC ID	:	2AUHG-32SCO-KA
Applicant	:	Artika For Living Inc
Address	:	1756 50th avenue, Lachine, Quebec, Canada H8T 2V5
Equipment under Test	:	LED wall lamp
Model No	:	32SCO-KA : followed by up to ten 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-ER2305039		
Date of Test:	Jun.01, 2023 to Jun.06, 2023	**Date of Report**:	Jun.09, 2023

Prepared By: ***Approved By:***

Taylor chen

Taylor Chen /Engineer ***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	2023-06-09	NTC-ER2305039	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	:	32SCO-KA
EUT function description	:	Please reference user manual of this device
Rating	:	AC120-277V 50/60Hz 25W
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.

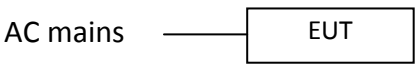
2.2. Detail models

Model	Rating	Note
32SCO-KA	AC120-277V 50/60Hz 25W	32SCO-KA: followed by up to ten 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℃
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

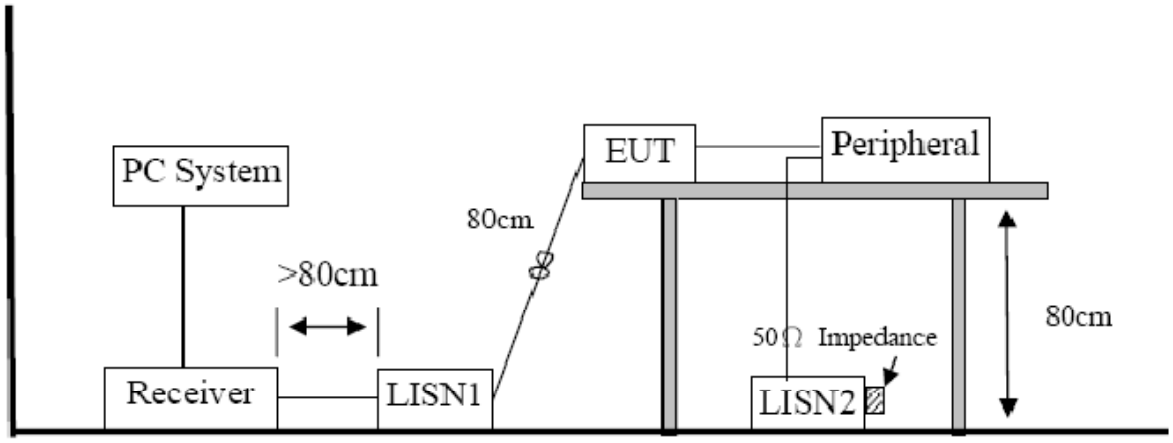
Dongguan New Testing Centre Co., Ltd
Add: 1F & 3F, No. 1 the 1st North Industry Road Songshan Lake Science & Technology Park Dongguan, People's Republic of China 523808.
Tel: +86-769-22212079;Web: http://www.ntc-cert.com;E-mail: dave@ntc-cert.com
A2LA Accreditation No. 5426.01

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.

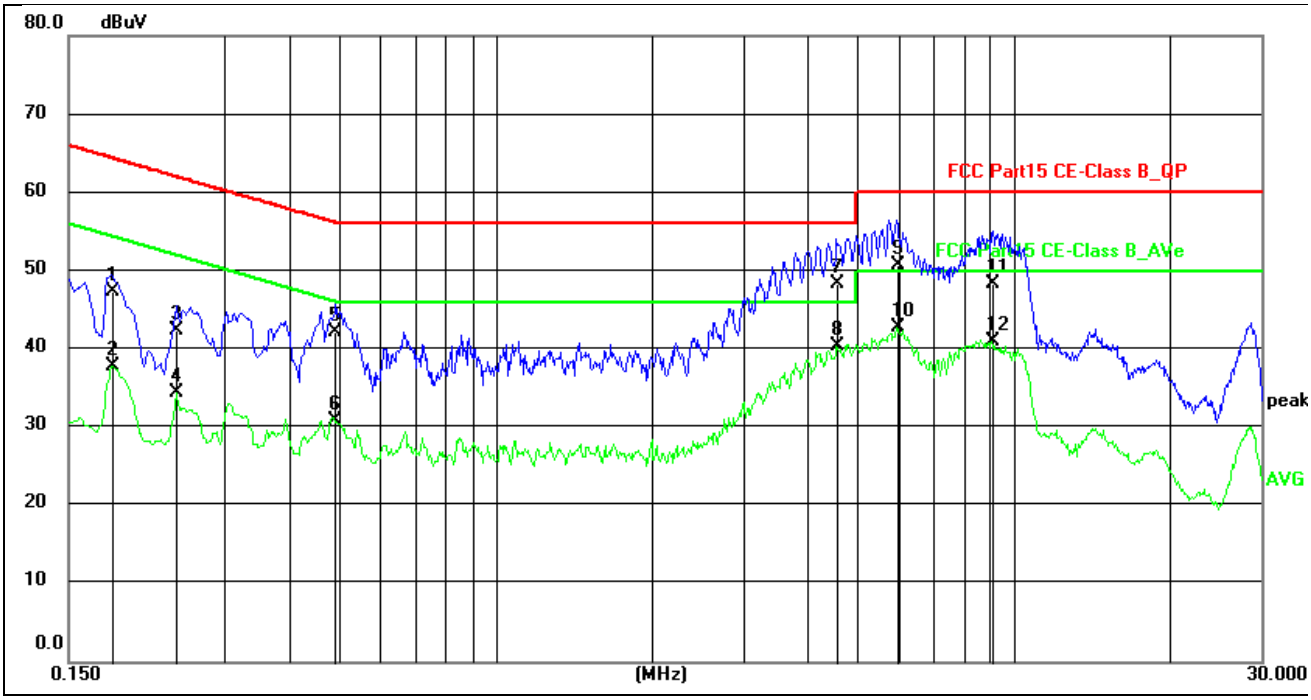
The bandwidth of test receiver is set at 9 KHz.

3.5. Test Result

PASS. (See below detailed test result)

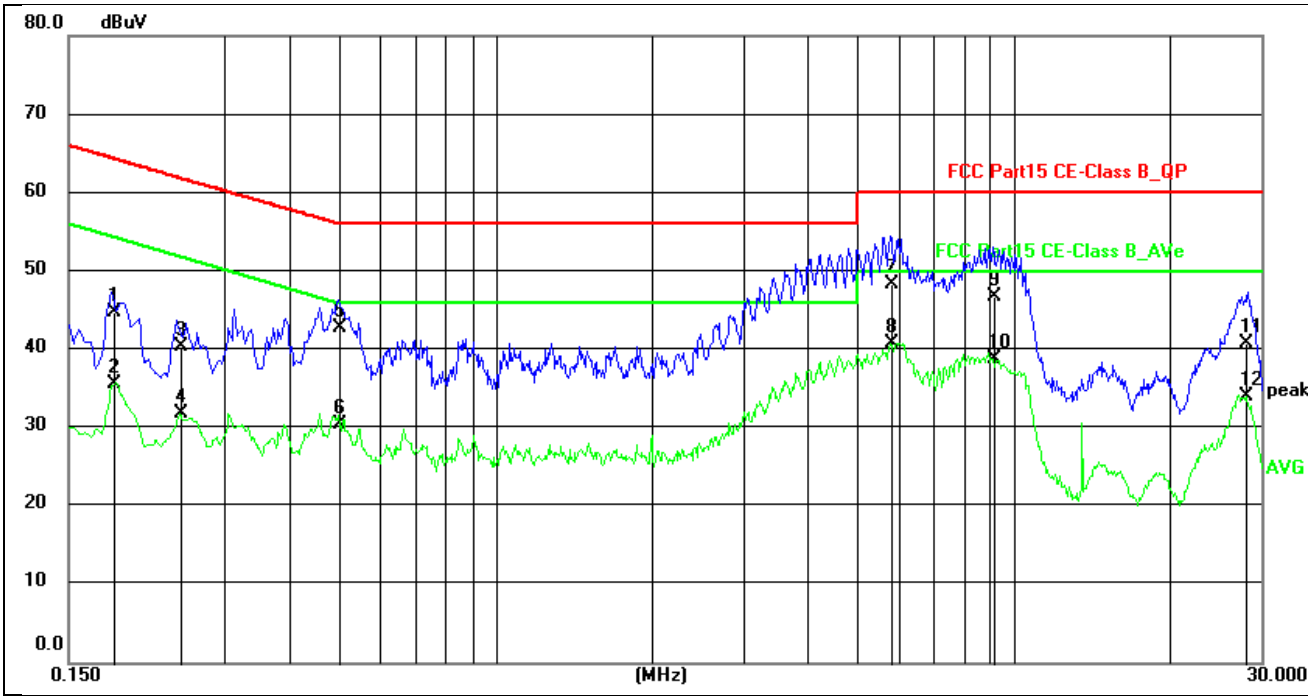
Note1: All emissions not reported below are too low against the prescribed limits.
Note2: “-----” means Peak detection; “-----” means Average detection.
Note3: Measurement = Reading Level + Factor, Margin= Measurement-Limit.

Conducted Emission Test Result



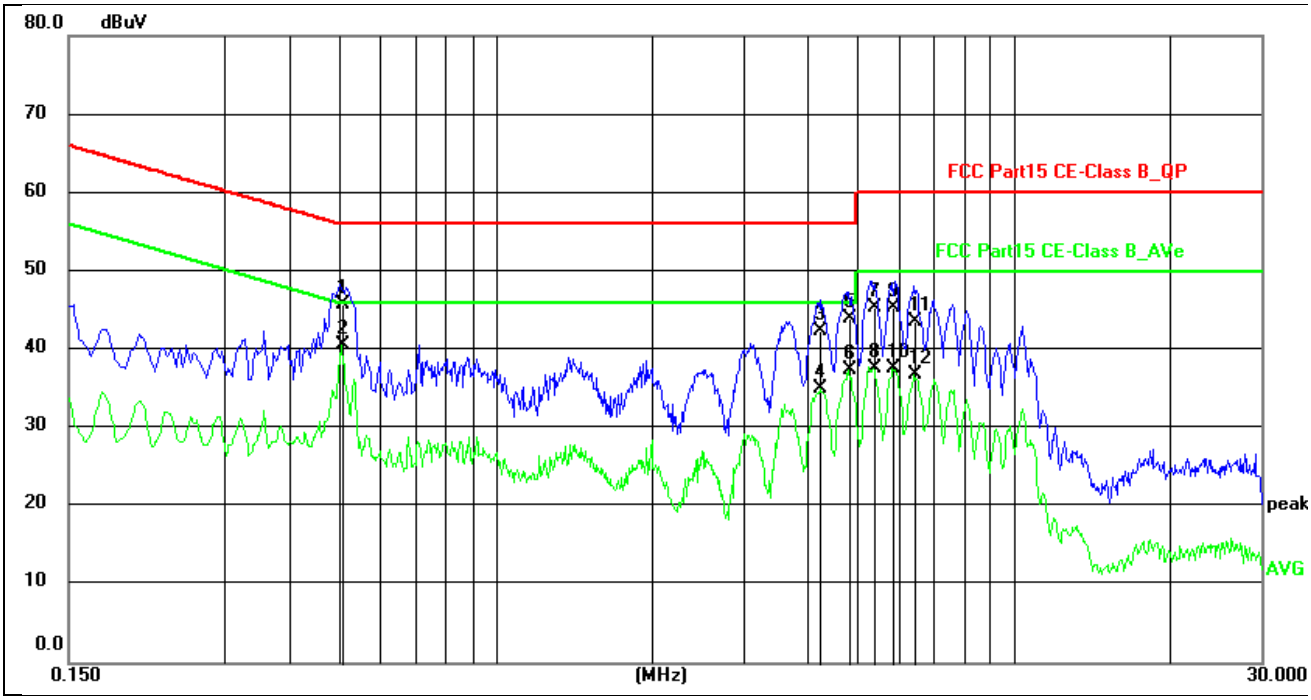
Site:	**844LAB**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/8 10:34:13**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC120/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1819	36.13	11.14	47.27	64.40	-17.13	QP	
2	0.1819	26.69	11.14	37.83	54.40	-16.57	AVG	
3	0.2420	31.22	11.14	42.36	62.03	-19.67	QP	
4	0.2420	23.28	11.14	34.42	52.03	-17.61	AVG	
5	0.4900	31.03	11.20	42.23	56.17	-13.94	QP	
6	0.4900	19.66	11.20	30.86	46.17	-15.31	AVG	
7	4.5700	37.14	11.18	48.32	56.00	-7.68	QP	
8 *	4.5700	29.20	11.18	40.38	46.00	-5.62	AVG	
9	5.9579	39.48	11.18	50.66	60.00	-9.34	QP	
10	5.9579	31.53	11.18	42.71	50.00	-7.29	AVG	
11	9.1059	37.11	11.20	48.31	60.00	-11.69	QP	
12	9.1059	29.76	11.20	40.96	50.00	-9.04	AVG	



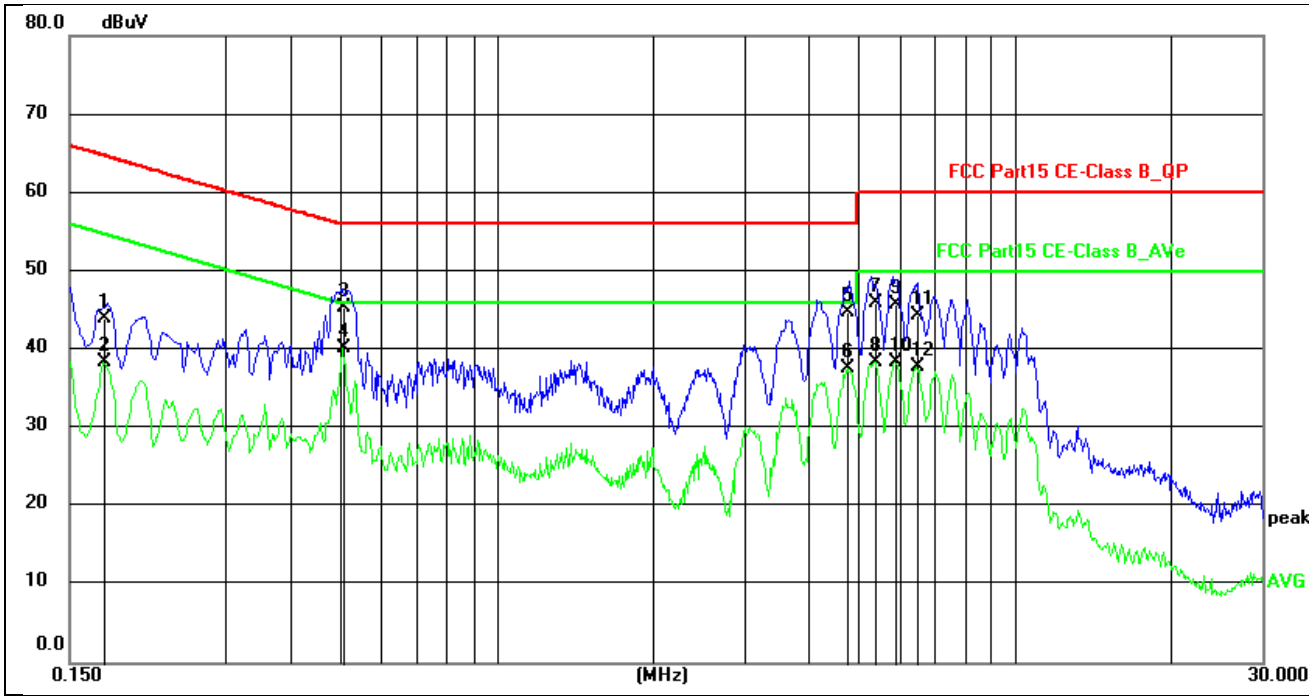
Site:	**844LAB**	**Phase:N**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/8 10:39:57**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC120/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1833	33.65	11.16	44.81	64.33	-19.52	QP	
2	0.1833	24.39	11.16	35.55	54.33	-18.78	AVG	
3	0.2460	29.25	11.20	40.45	61.89	-21.44	QP	
4	0.2460	20.64	11.20	31.84	51.89	-20.05	AVG	
5	0.5020	31.41	11.31	42.72	56.00	-13.28	QP	
6	0.5020	19.21	11.31	30.52	46.00	-15.48	AVG	
7	5.8020	37.29	11.10	48.39	60.00	-11.61	QP	
8 *	5.8020	29.60	11.10	40.70	50.00	-9.30	AVG	
9	9.1540	35.55	11.12	46.67	60.00	-13.33	QP	
10	9.1540	27.60	11.12	38.72	50.00	-11.28	AVG	
11	28.1100	29.20	11.51	40.71	60.00	-19.29	QP	
12	28.1100	22.47	11.51	33.98	50.00	-16.02	AVG	



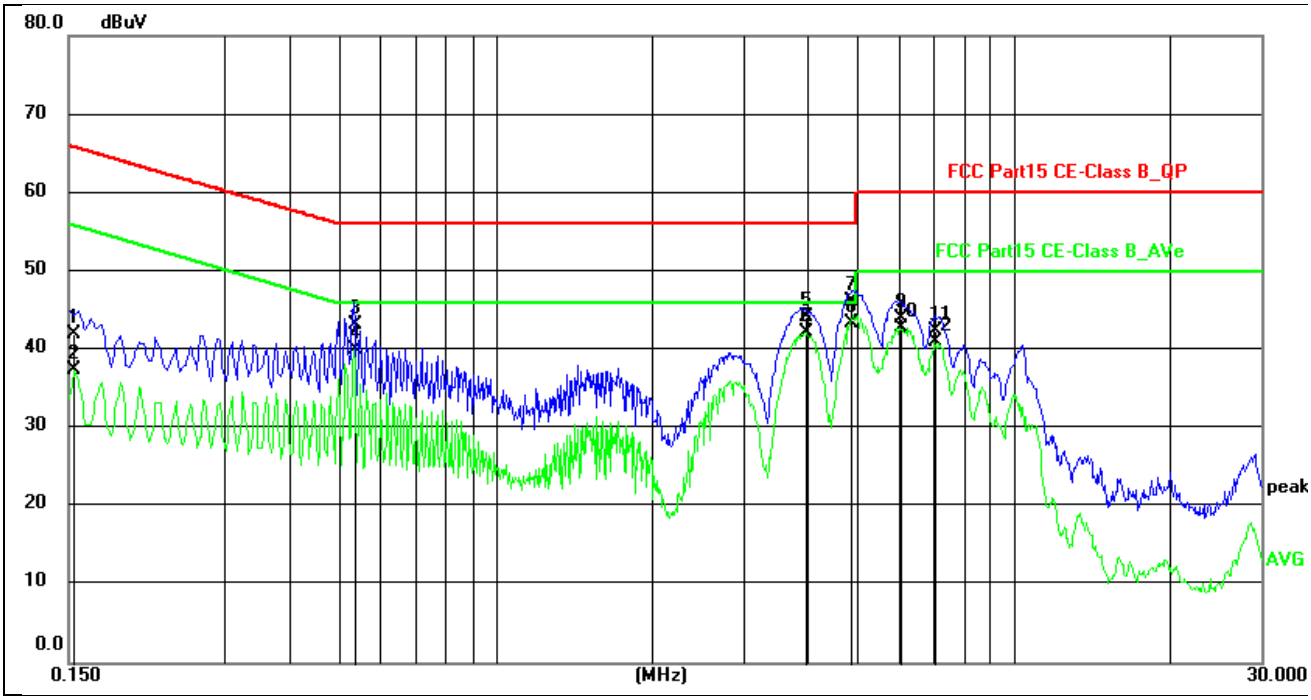
Site:	**844LAB**	**Phase:N**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/8 10:45:46**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC120/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.5060	34.41	11.31	45.72	56.00	-10.28	QP	
2 *	0.5060	29.28	11.31	40.59	46.00	-5.41	AVG	
3	4.2259	31.19	11.13	42.32	56.00	-13.68	QP	
4	4.2259	23.90	11.13	35.03	46.00	-10.97	AVG	
5	4.7979	32.87	11.11	43.98	56.00	-12.02	QP	
6	4.7979	26.32	11.11	37.43	46.00	-8.57	AVG	
7	5.3619	34.22	11.10	45.32	60.00	-14.68	QP	
8	5.3619	26.57	11.10	37.67	50.00	-12.33	AVG	
9	5.8419	34.23	11.10	45.33	60.00	-14.67	QP	
10	5.8419	26.56	11.10	37.66	50.00	-12.34	AVG	
11	6.4339	32.37	11.11	43.48	60.00	-16.52	QP	
12	6.4339	25.68	11.11	36.79	50.00	-13.21	AVG	



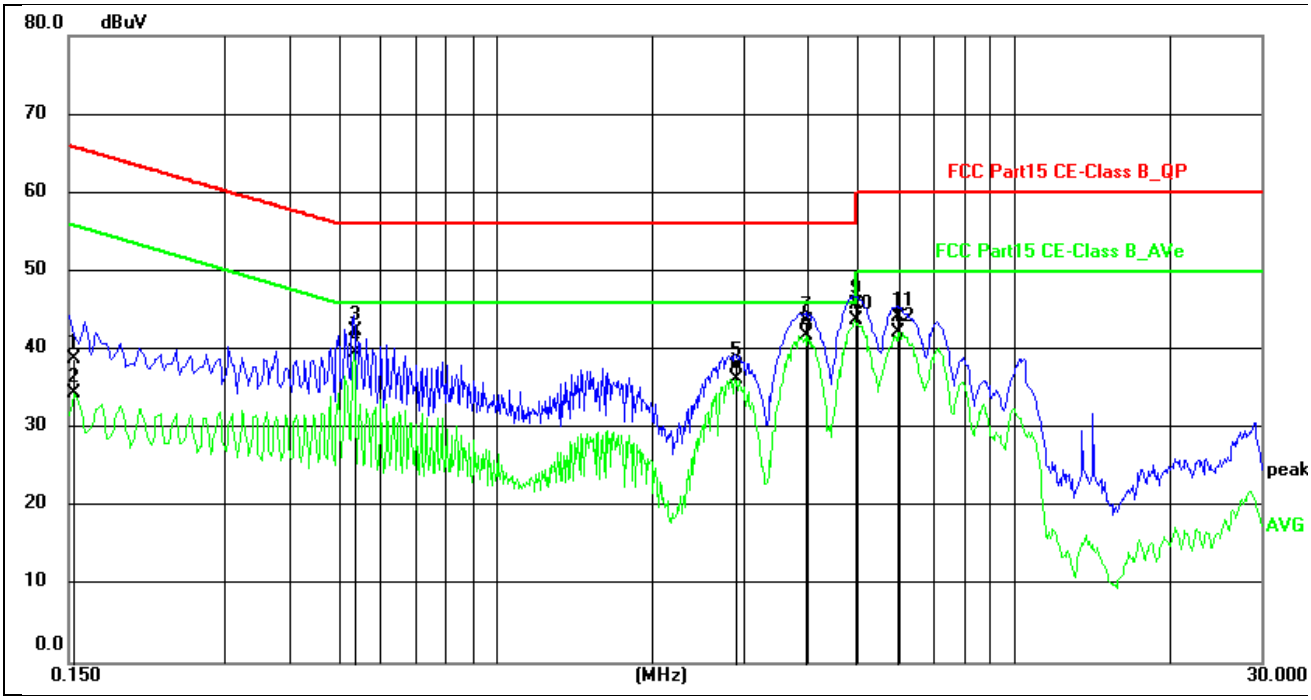
Site:	**844LAB**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/8 10:51:50**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC120/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1740	32.77	11.14	43.91	64.77	-20.86	QP	
2	0.1740	27.29	11.14	38.43	54.77	-16.34	AVG	
3	0.5060	34.24	11.20	45.44	56.00	-10.56	QP	
4 *	0.5060	29.04	11.20	40.24	46.00	-5.76	AVG	
5	4.7700	33.57	11.18	44.75	56.00	-11.25	QP	
6	4.7700	26.45	11.18	37.63	46.00	-8.37	AVG	
7	5.3659	34.81	11.17	45.98	60.00	-14.02	QP	
8	5.3659	27.32	11.17	38.49	50.00	-11.51	AVG	
9	5.8900	34.49	11.18	45.67	60.00	-14.33	QP	
10	5.8900	27.25	11.18	38.43	50.00	-11.57	AVG	
11	6.4580	33.16	11.18	44.34	60.00	-15.66	QP	
12	6.4580	26.54	11.18	37.72	50.00	-12.28	AVG	



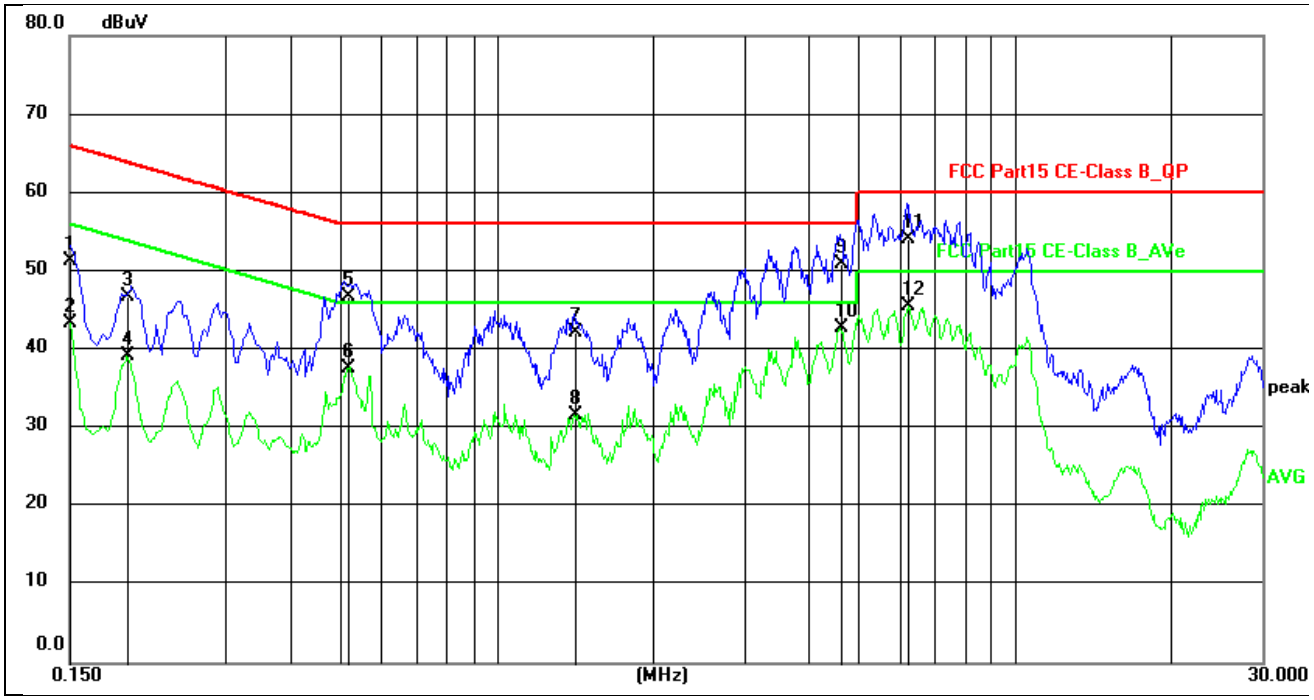
Site:	**844LAB**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/8 10:57:17**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC277/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1539	30.93	11.14	42.07	65.79	-23.72	QP	
2	0.1539	26.36	11.14	37.50	55.79	-18.29	AVG	
3	0.5340	31.93	11.21	43.14	56.00	-12.86	QP	
4	0.5340	28.76	11.21	39.97	46.00	-6.03	AVG	
5	3.9500	32.97	11.20	44.17	56.00	-11.83	QP	
6	3.9500	30.93	11.20	42.13	46.00	-3.87	AVG	
7	4.8419	35.04	11.18	46.22	56.00	-9.78	QP	
8 *	4.8419	32.24	11.18	43.42	46.00	-2.58	AVG	
9	6.0459	32.82	11.18	44.00	60.00	-16.00	QP	
10	6.0459	31.67	11.18	42.85	50.00	-7.15	AVG	
11	7.0579	31.21	11.19	42.40	60.00	-17.60	QP	
12	7.0579	29.89	11.19	41.08	50.00	-8.92	AVG	



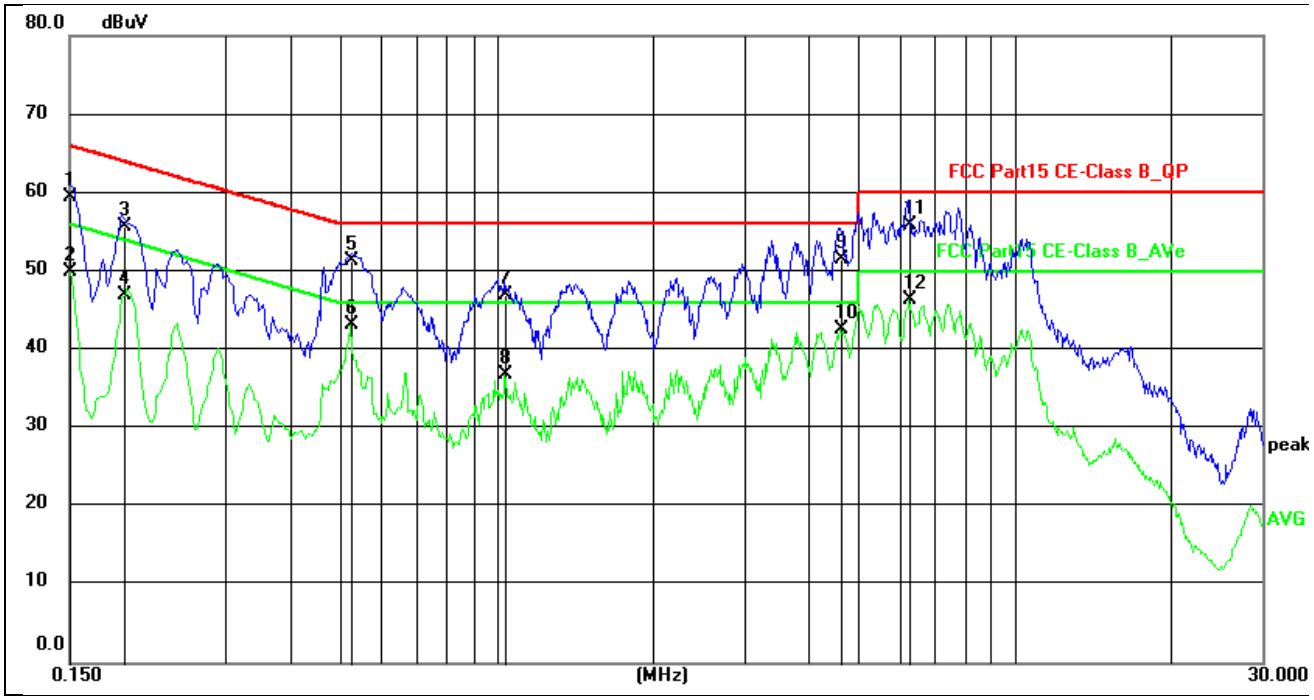
Site:	**844LAB**	**Phase:N**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/8 11:00:02**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC277/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1539	27.69	11.15	38.84	65.79	-26.95	QP	
2	0.1539	23.37	11.15	34.52	55.79	-21.27	AVG	
3	0.5340	31.07	11.30	42.37	56.00	-13.63	QP	
4	0.5340	28.30	11.30	39.60	46.00	-6.40	AVG	
5	2.9014	26.66	11.18	37.84	56.00	-18.16	QP	
6	2.9014	25.00	11.18	36.18	46.00	-9.82	AVG	
7	3.9660	32.40	11.14	43.54	56.00	-12.46	QP	
8	3.9660	30.59	11.14	41.73	46.00	-4.27	AVG	
9	4.9419	34.74	11.10	45.84	56.00	-10.16	QP	
10 *	4.9419	32.75	11.10	43.85	46.00	-2.15	AVG	
11	5.9739	33.10	11.10	44.20	60.00	-15.80	QP	
12	5.9739	31.03	11.10	42.13	50.00	-7.87	AVG	



Site:	**844LAB**	**Phase:N**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/8 11:04:21**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC277/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1504	40.13	11.15	51.28	65.98	-14.70	QP	
2	0.1504	32.19	11.15	43.34	55.98	-12.64	AVG	
3	0.1940	35.53	11.17	46.70	63.86	-17.16	QP	
4	0.1940	28.04	11.17	39.21	53.86	-14.65	AVG	
5	0.5181	35.37	11.31	46.68	56.00	-9.32	QP	
6	0.5181	26.37	11.31	37.68	46.00	-8.32	AVG	
7	1.4175	30.97	11.22	42.19	56.00	-13.81	QP	
8	1.4175	20.41	11.22	31.63	46.00	-14.37	AVG	
9	4.5979	39.87	11.12	50.99	56.00	-5.01	QP	
10 *	4.5979	31.62	11.12	42.74	46.00	-3.26	AVG	
11	6.2500	42.97	11.10	54.07	60.00	-5.93	QP	
12	6.2500	34.47	11.10	45.57	50.00	-4.43	AVG	



Site:	**844LAB**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/8 11:11:01**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC277/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum brightness**		

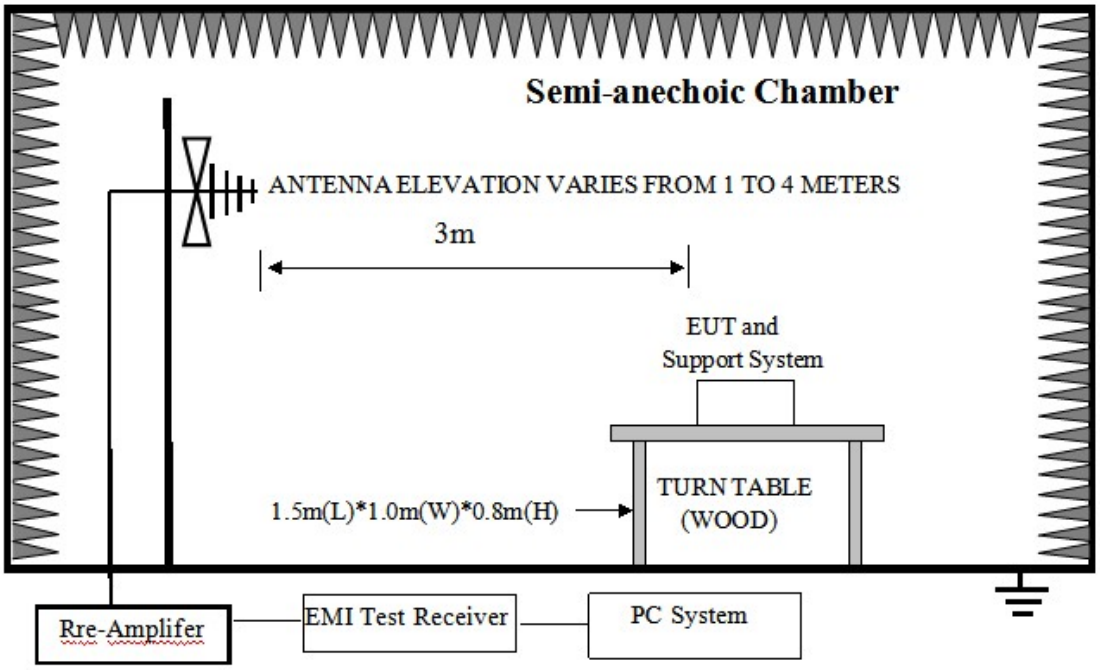
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1503	48.37	11.14	59.51	65.98	-6.47	QP	
2	0.1503	38.88	11.14	50.02	55.98	-5.96	AVG	
3	0.1912	44.54	11.14	55.68	63.98	-8.30	QP	
4	0.1912	35.82	11.14	46.96	53.98	-7.02	AVG	
5	0.5220	40.01	11.21	51.22	56.00	-4.78	QP	
6 *	0.5220	31.92	11.21	43.13	46.00	-2.87	AVG	
7	1.0420	35.82	11.22	47.04	56.00	-8.96	QP	
8	1.0420	25.61	11.22	36.83	46.00	-9.17	AVG	
9	4.6018	40.26	11.18	51.44	56.00	-4.56	QP	
10	4.6018	31.39	11.18	42.57	46.00	-3.43	AVG	
11	6.2538	44.75	11.18	55.93	60.00	-4.07	QP	
12	6.2538	35.11	11.18	46.29	50.00	-3.71	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(μV)/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.

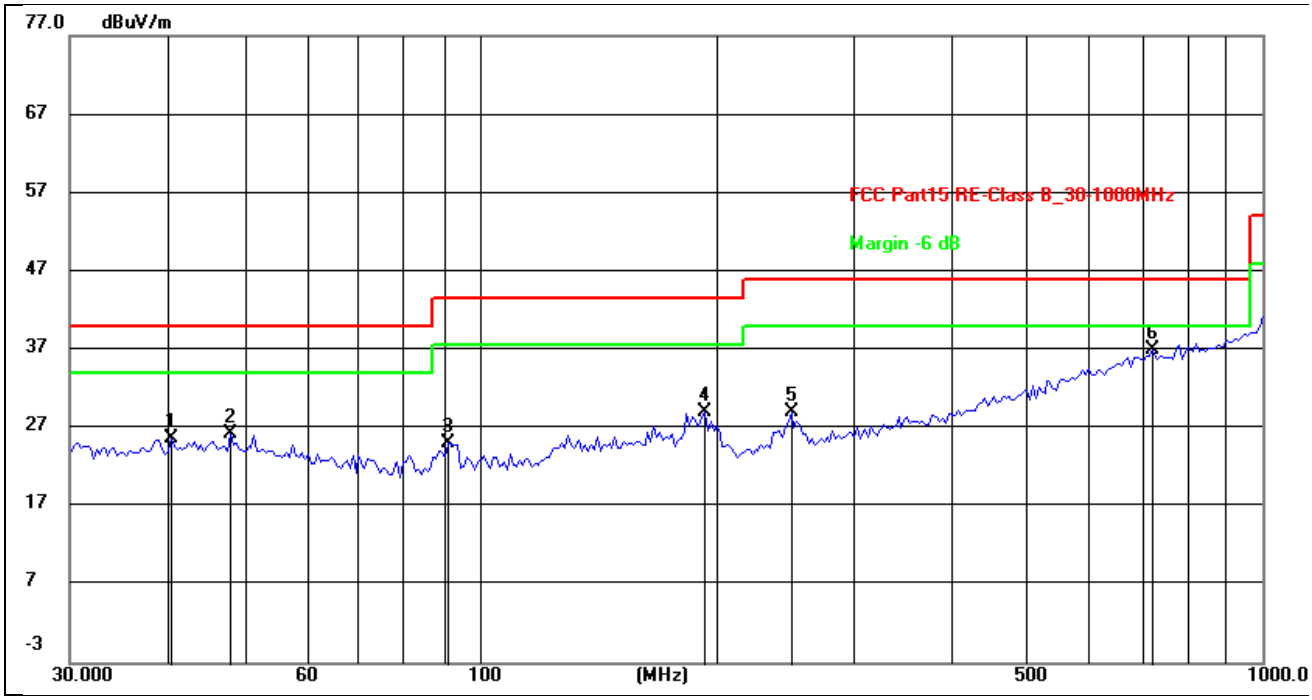
4.5. Test result

PASS. (See below detailed test result)

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

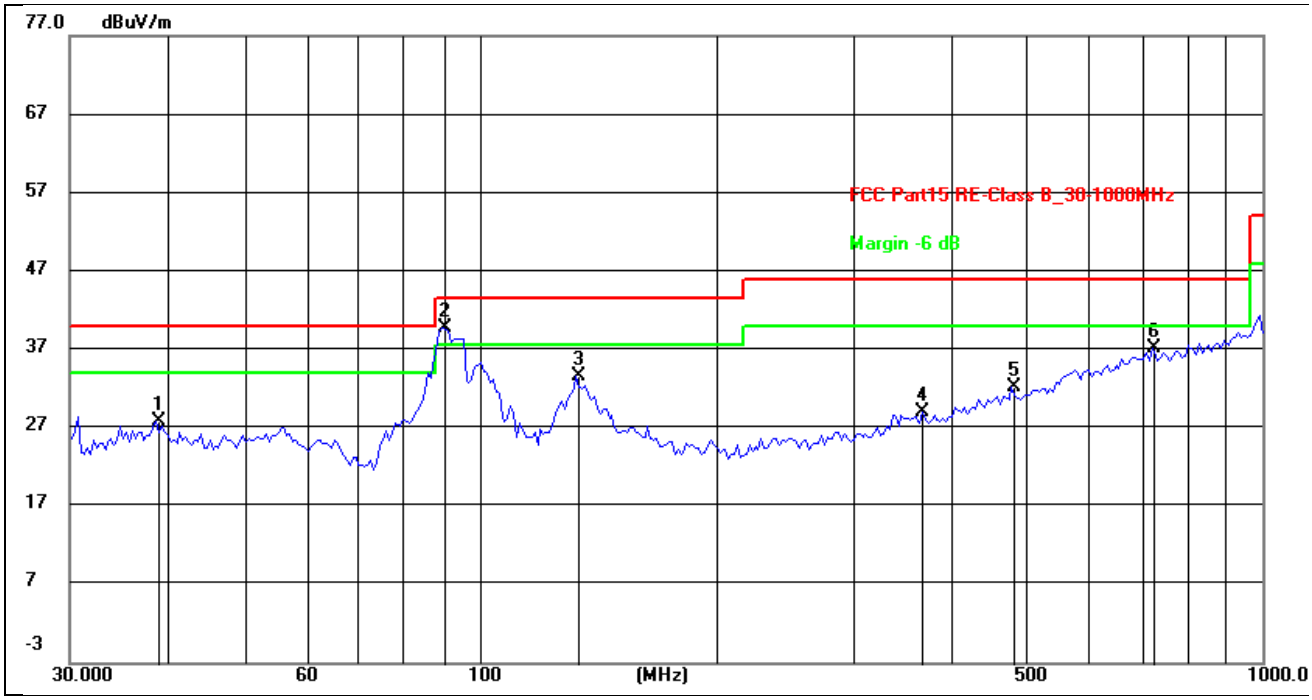
Note2: Result Level = Reading Level + Antenna Factor + Cable Loss, Margin= Level-Limit.

Radiated Emission Test Result



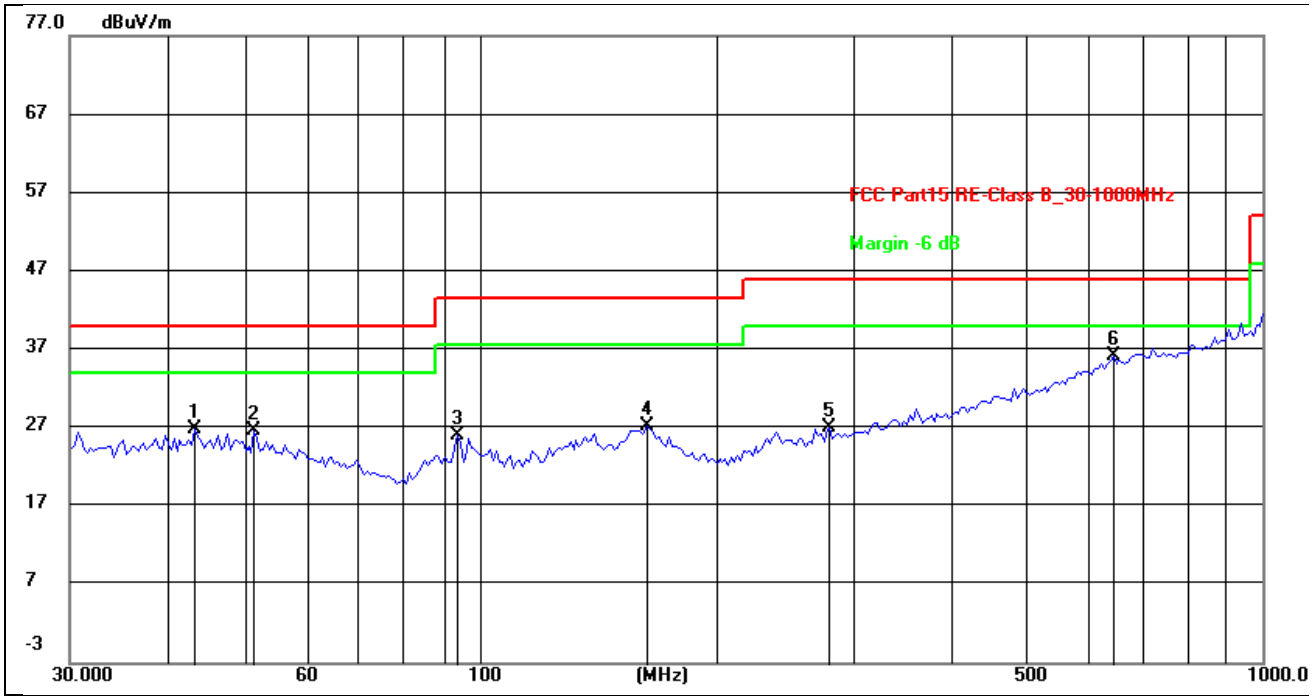
Site:	**966LAB**	**Antenna::Horizontal**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/5/31 13:54:41**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	40.4170	11.37	14.24	25.61	40.00	-14.39	peak	100	294	
2	48.1625	11.97	14.23	26.20	40.00	-13.80	peak	200	355	
3	91.3345	15.70	9.44	25.14	43.50	-18.36	peak	200	42	
4	194.1128	17.41	11.57	28.98	43.50	-14.52	peak	200	61	
5	250.3011	15.95	13.19	29.14	46.00	-16.86	peak	100	34	
6 *	722.9923	14.20	22.81	37.01	46.00	-8.99	peak	200	314	



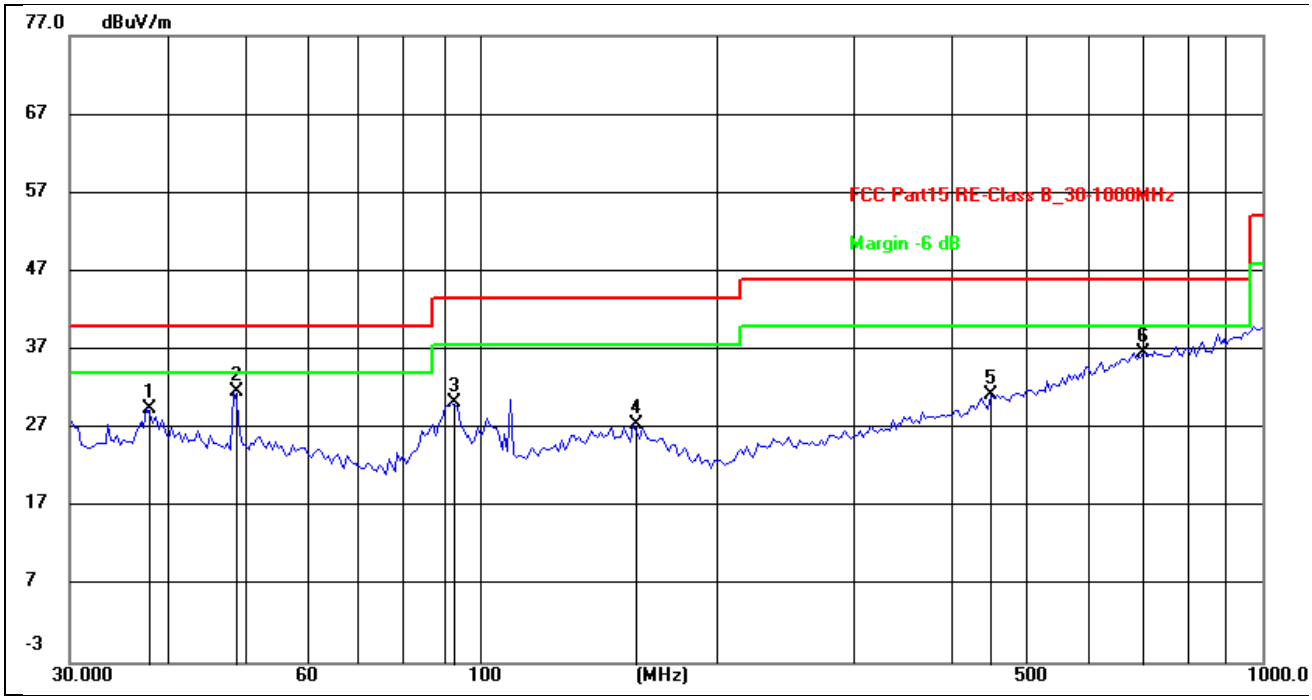
Site:	**966LAB**	**Antenna::Vertical**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/5/31 14:04:33**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	38.6839	13.26	14.51	27.77	40.00	-12.23	peak	200	123	
2 *	89.7472	29.32	10.45	39.77	43.50	-3.73	peak	100	355	
3	133.1511	19.42	14.25	33.67	43.50	-9.83	peak	100	0	
4	368.1116	13.06	16.06	29.12	46.00	-16.88	peak	100	181	
5	478.8456	13.72	18.43	32.15	46.00	-13.85	peak	200	3	
6	722.9924	14.31	22.81	37.12	46.00	-8.88	peak	200	3	



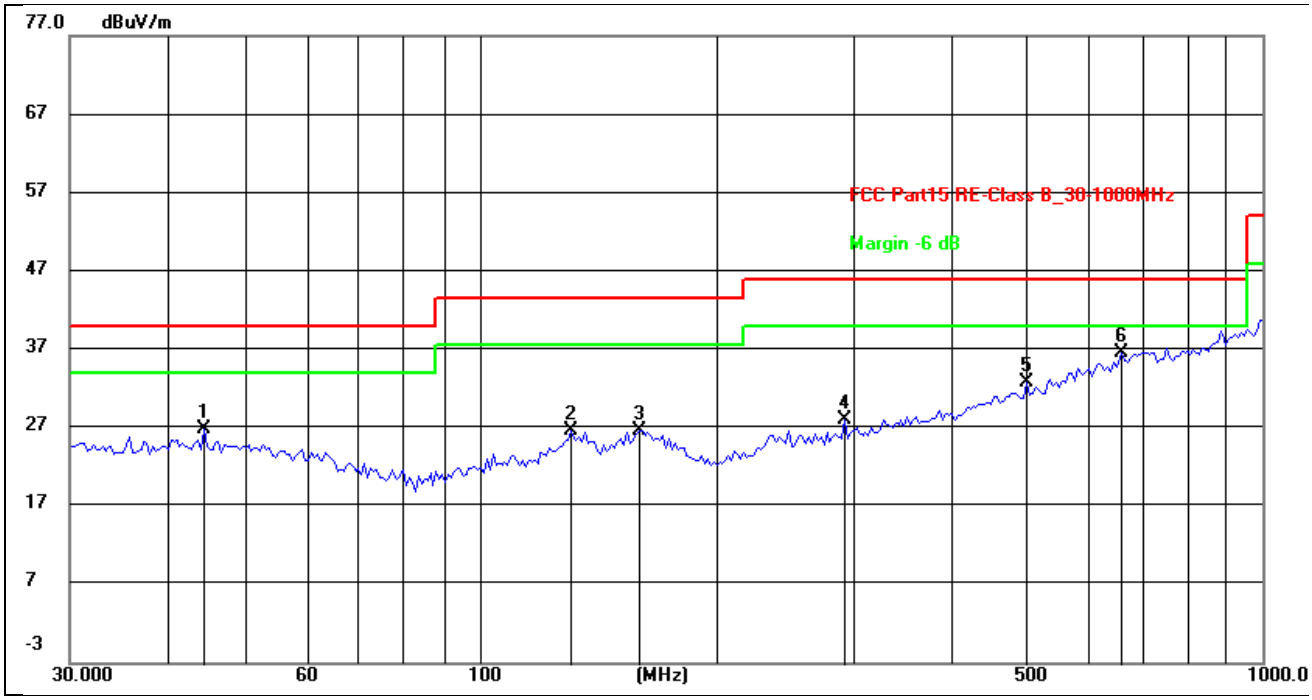
Site:	**966LAB**	**Antenna::Horizontal**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/7 10:31:07**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

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	12.53	14.30	26.83	40.00	-13.17	peak	100	340	
2	51.6615	12.71	13.94	26.65	40.00	-13.35	peak	100	137	
3	93.7684	16.22	9.85	26.07	43.50	-17.43	peak	200	29	
4	164.3301	12.50	14.69	27.19	43.50	-16.31	peak	200	118	
5	280.5152	12.92	14.20	27.12	46.00	-18.88	peak	200	3	
6 *	645.1194	14.26	21.85	36.11	46.00	-9.89	peak	100	2	



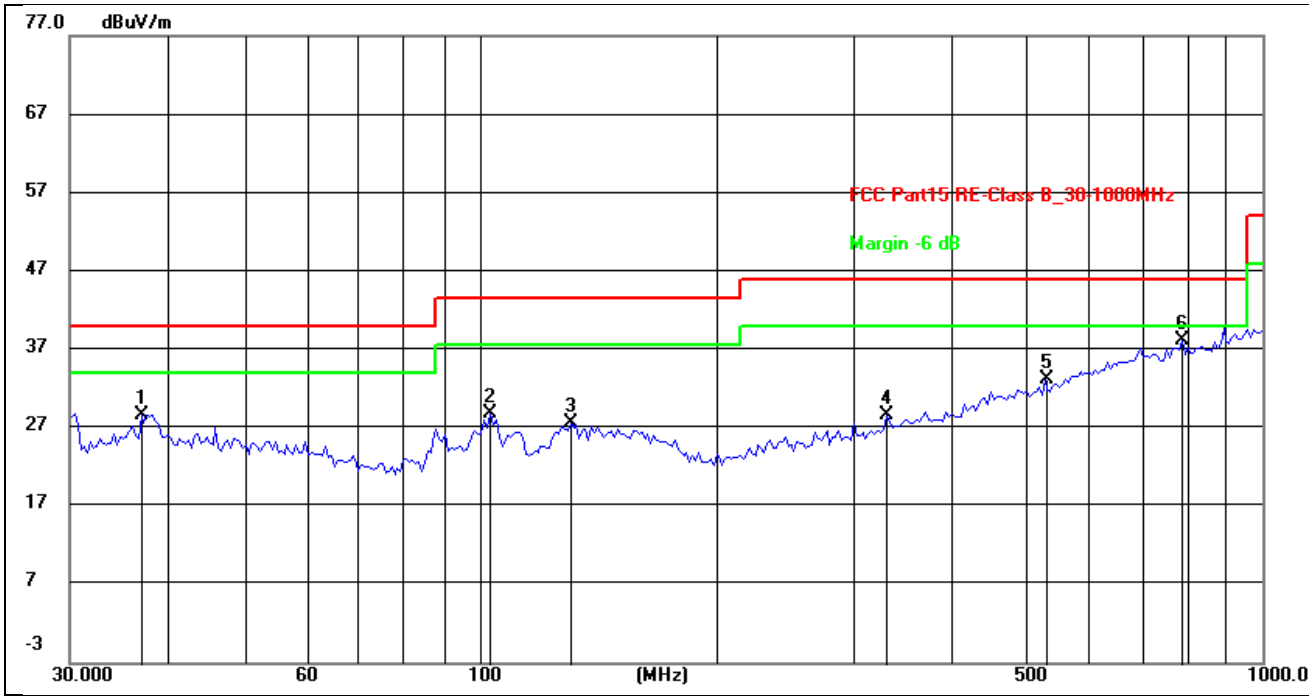
Site:	**966LAB**	**Antenna::Vertical**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/7 10:33:39**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	37.6798	15.02	14.36	29.38	40.00	-10.62	peak	200	105	
2 *	48.5867	17.31	14.31	31.62	40.00	-8.38	peak	100	158	
3	92.1388	19.56	10.62	30.18	43.50	-13.32	peak	100	359	
4	157.2829	12.00	15.46	27.46	43.50	-16.04	peak	100	218	
5	450.3447	13.24	18.08	31.32	46.00	-14.68	peak	100	133	
6	704.2261	14.11	22.56	36.67	46.00	-9.33	peak	200	42	



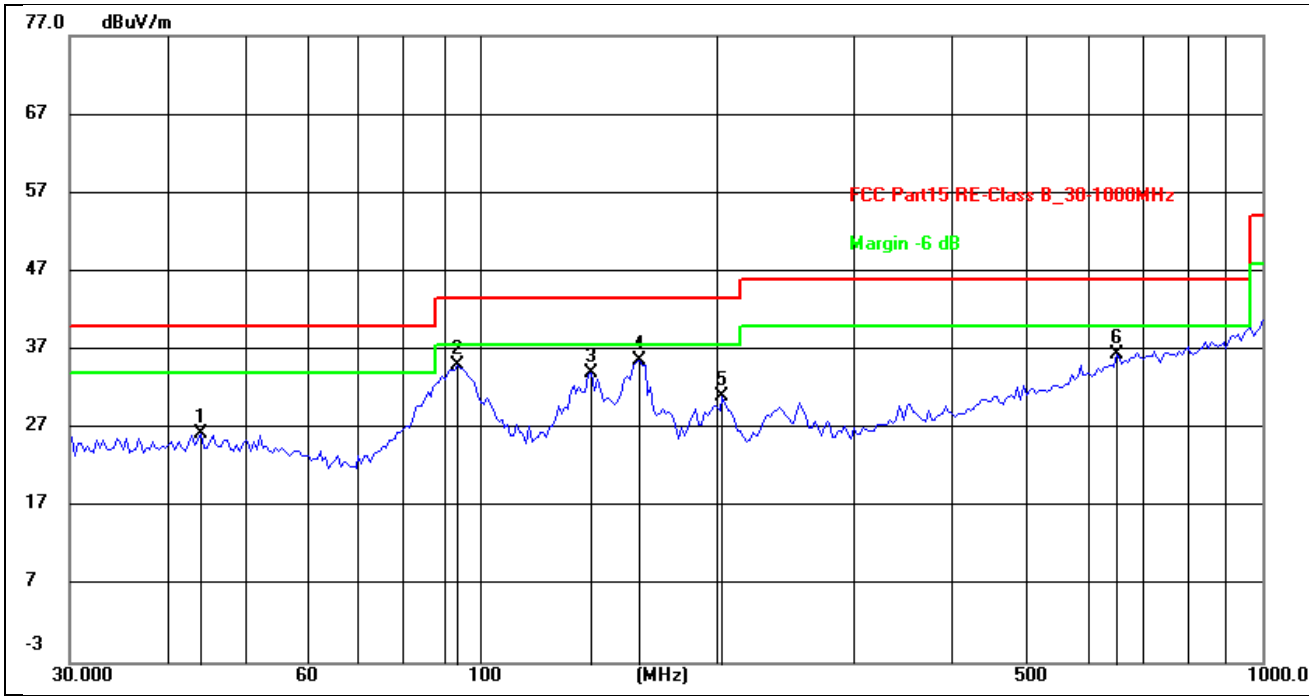
Site:	**966LAB**	**Antenna::Horizontal**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/7 10:37:26**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC 277V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	44.5087	12.46	14.34	26.80	40.00	-13.20	peak	200	191	
2	130.8369	12.66	13.98	26.64	43.50	-16.86	peak	200	3	
3	160.0648	11.94	14.82	26.76	43.50	-16.74	peak	200	287	
4	293.0842	13.64	14.38	28.02	46.00	-17.98	peak	100	330	
5	500.3010	14.13	18.75	32.88	46.00	-13.12	peak	100	355	
6 *	662.3106	14.50	22.07	36.57	46.00	-9.43	peak	100	355	



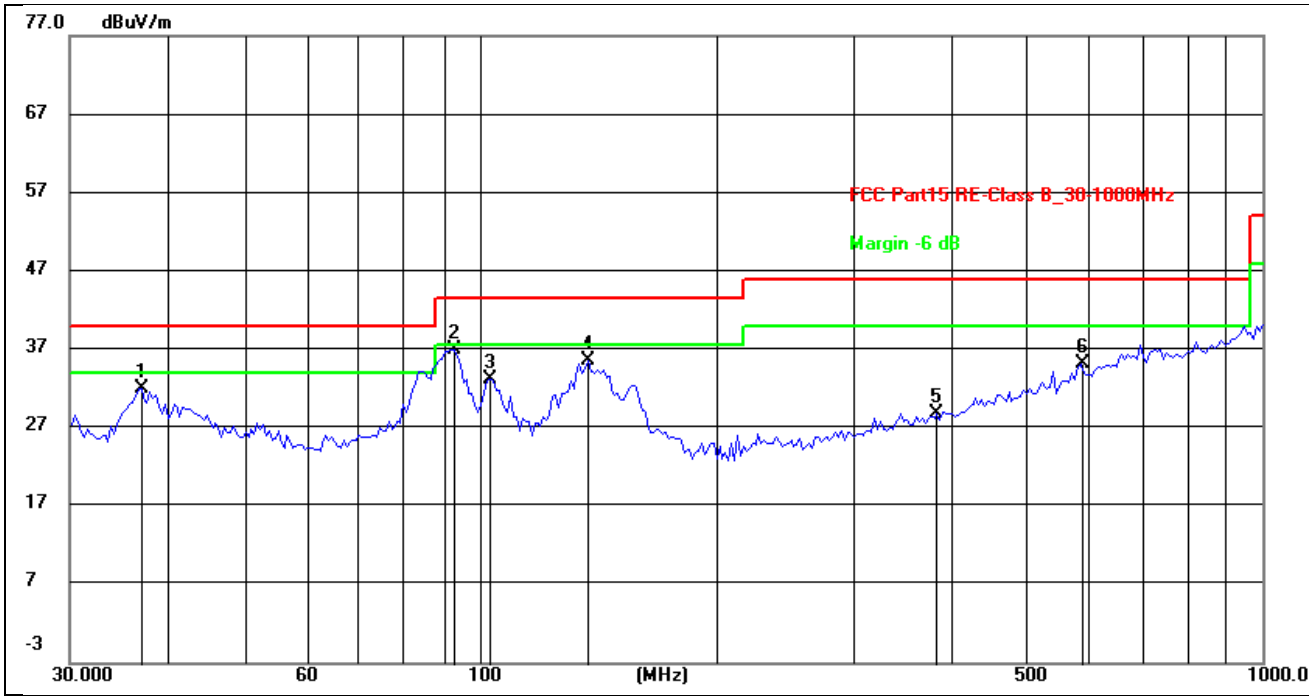
Site:	**966LAB**	**Antenna::Vertical**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/7 10:39:58**
M/N.:	**32SCO-KA**	**Power Rating:**	**AC 277V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	37.0248	14.44	14.28	28.72	40.00	-11.28	peak	200	309	
2	103.2609	17.35	11.59	28.94	43.50	-14.56	peak	100	4	
3	130.8369	13.52	14.07	27.59	43.50	-15.91	peak	100	4	
4	331.3546	13.37	15.32	28.69	46.00	-17.31	peak	100	33	
5	527.3205	13.83	19.37	33.20	46.00	-12.80	peak	200	176	
6 *	789.2338	14.70	23.53	38.23	46.00	-7.77	peak	200	313	



Site:	**966LAB**	**Antenna::Horizontal**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/7 10:43:43**
M/N.:	**32SCO-KA**	**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	44.1202	12.01	14.32	26.33	40.00	-13.67	peak	200	162	
2	93.7684	25.18	9.85	35.03	43.50	-8.47	peak	200	49	
3	139.1171	20.25	13.68	33.93	43.50	-9.57	peak	200	3	
4 *	160.0648	20.70	14.82	35.52	43.50	-7.98	peak	200	92	
5	204.5961	19.72	11.34	31.06	43.50	-12.44	peak	200	90	
6	650.7997	14.41	21.92	36.33	46.00	-9.67	peak	100	211	



Site:	**966LAB**	**Antenna::Vertical**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED wall lamp**	**Test Time:**	**2023/6/7 10:46:15**
M/N.:	**32SCO-KA**	**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	37.0248	17.73	14.28	32.01	40.00	-7.99	peak	200	234	
2 *	92.1388	26.38	10.62	37.00	43.50	-6.50	peak	100	360	
3	103.2609	21.61	11.59	33.20	43.50	-10.30	peak	100	3	
4	137.9028	20.96	14.61	35.57	43.50	-7.93	peak	100	62	
5	384.6055	12.41	16.43	28.84	46.00	-17.16	peak	100	3	
6	585.8157	14.50	20.71	35.21	46.00	-10.79	peak	200	17	

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

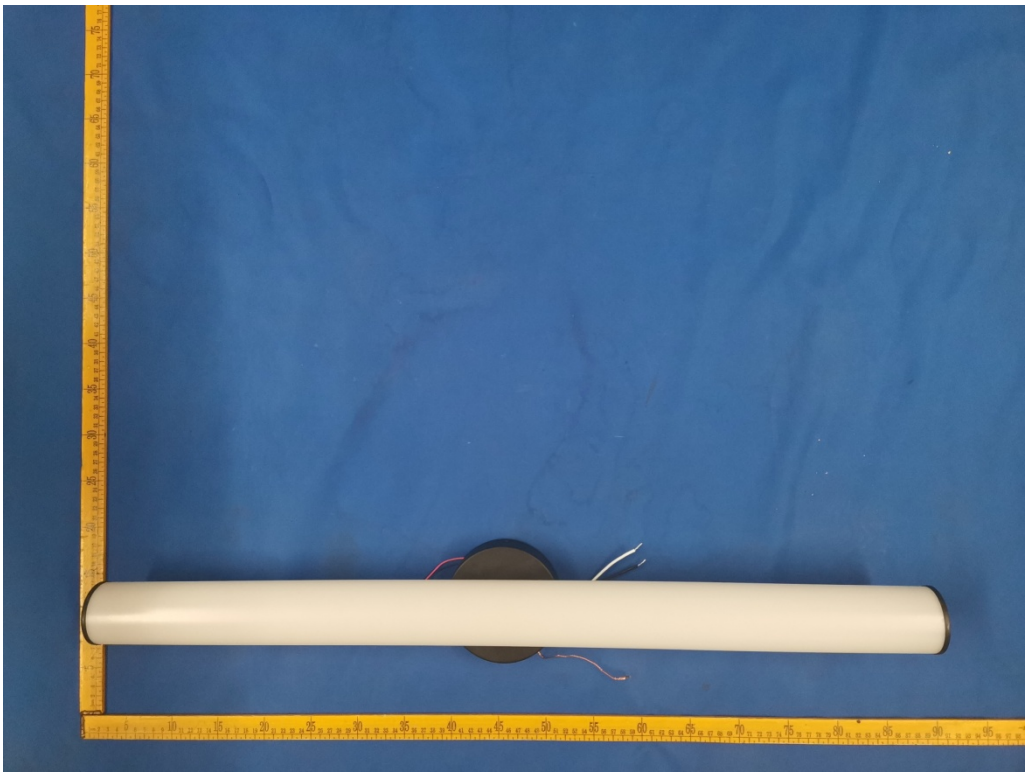


Fig.1(Model: 32SCO-KA)

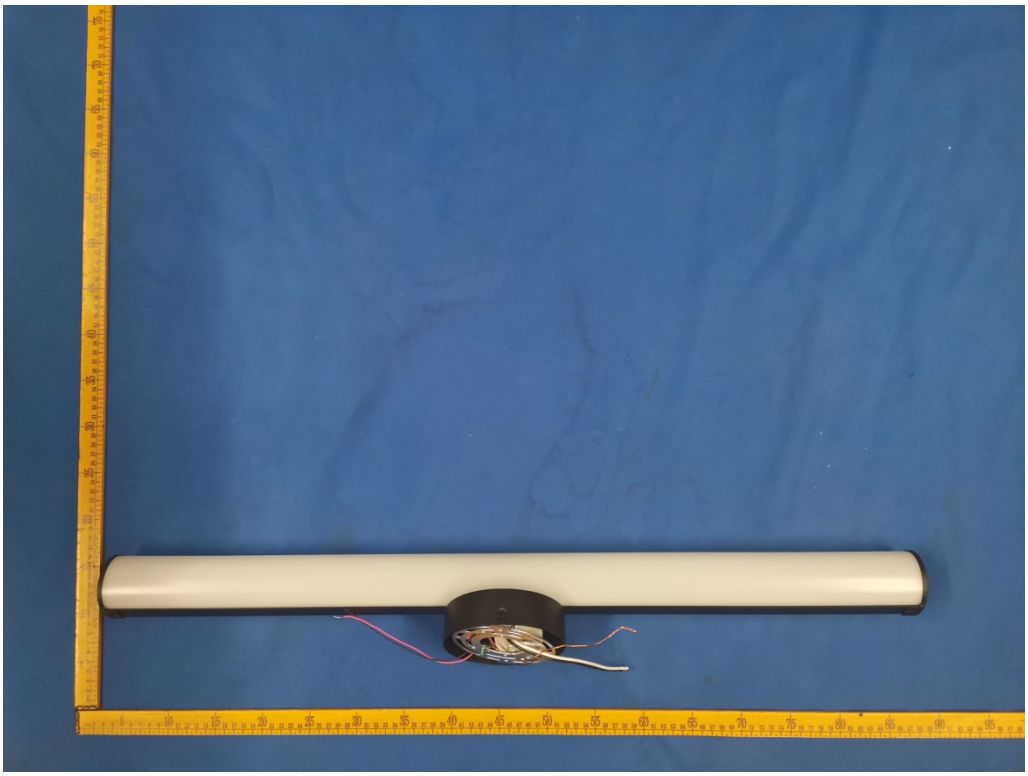


Fig.2(Model: 32SCO-KA)

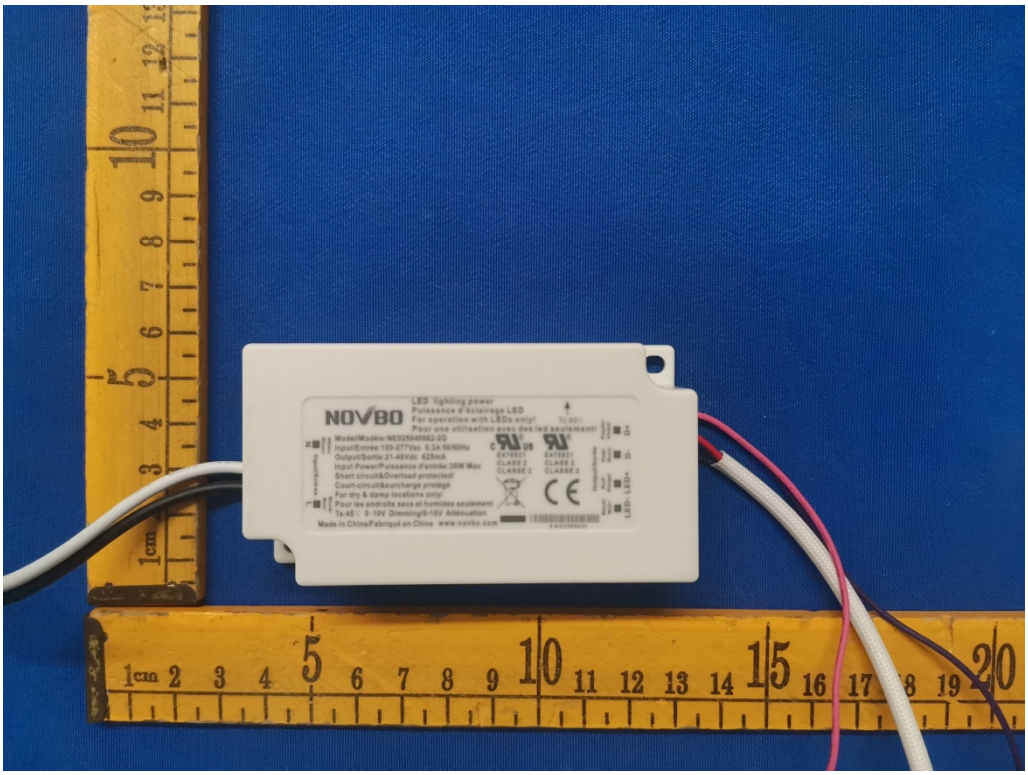


Fig.3(Model: 32SCO-KA)

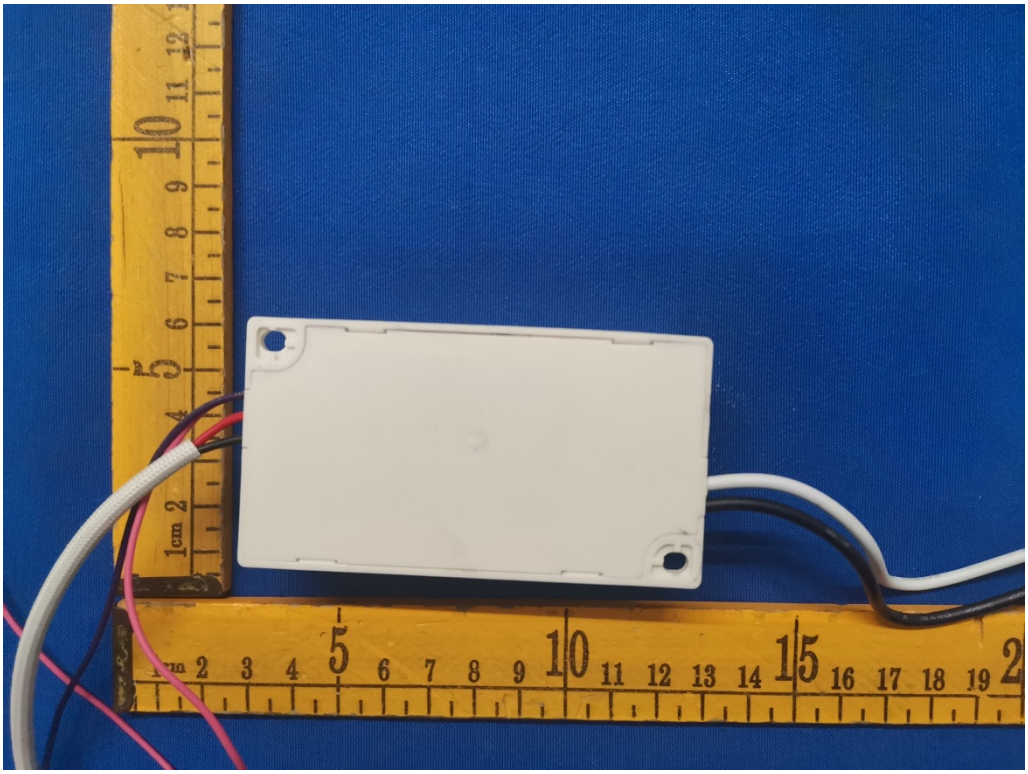


Fig.4(Model: 32SCO-KA)

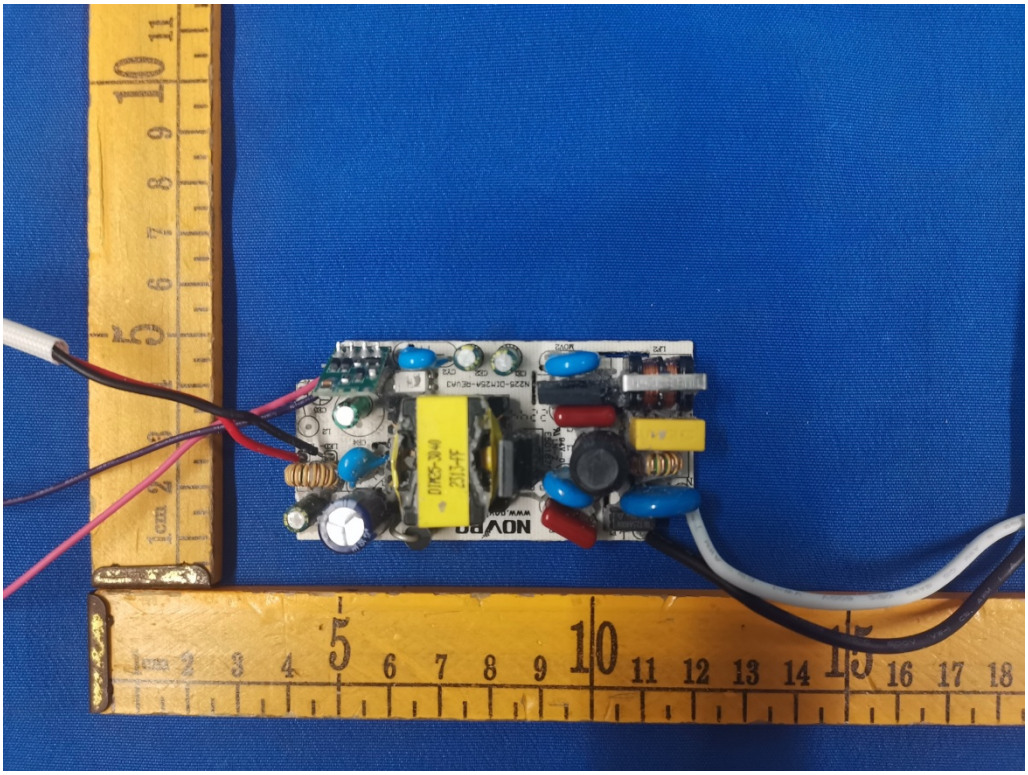


Fig.5(Model: 32SCO-KA)

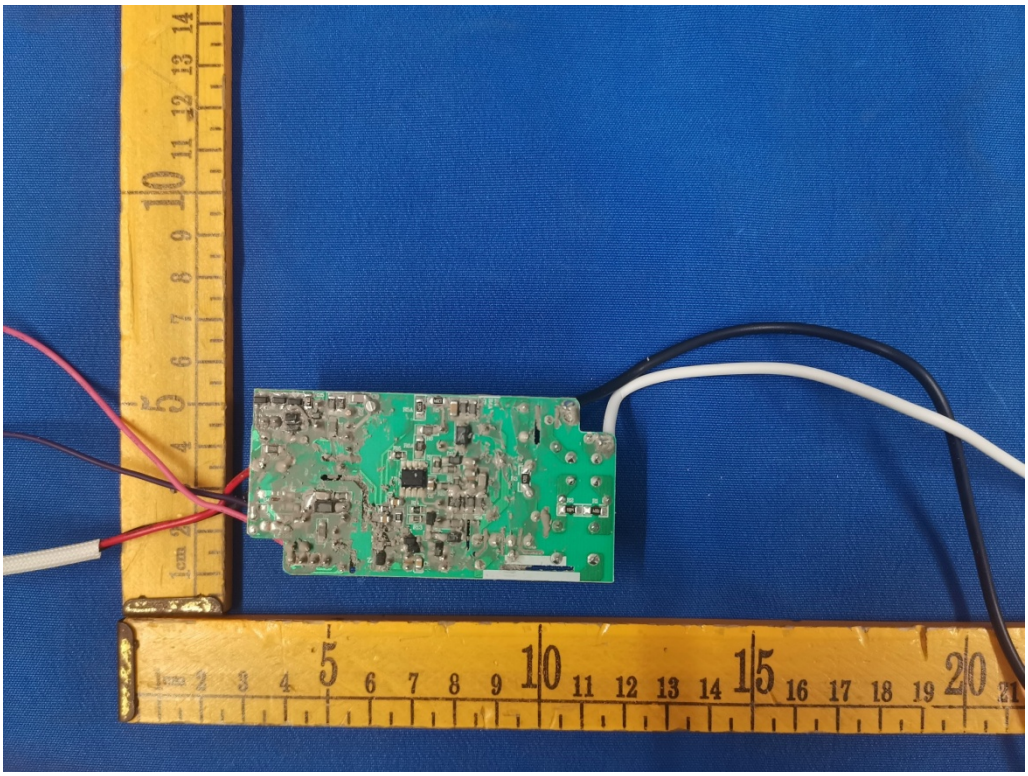


Fig.6(Model: 32SCO-KA)

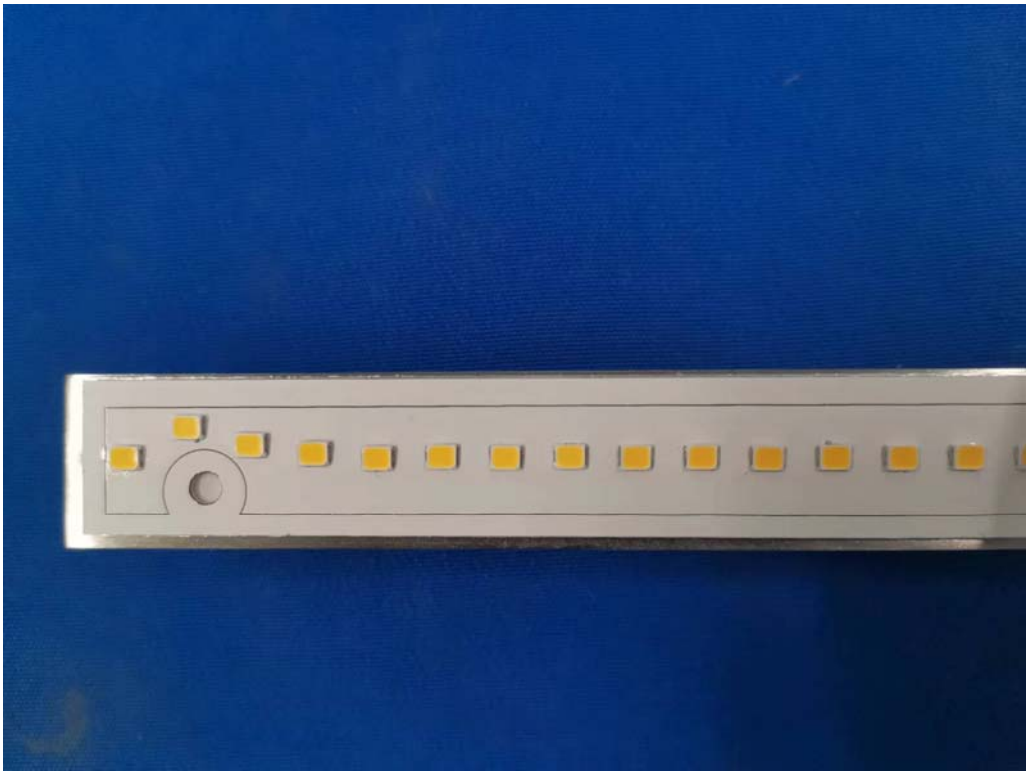


Fig.7(Model: 32SCO-KA)

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--