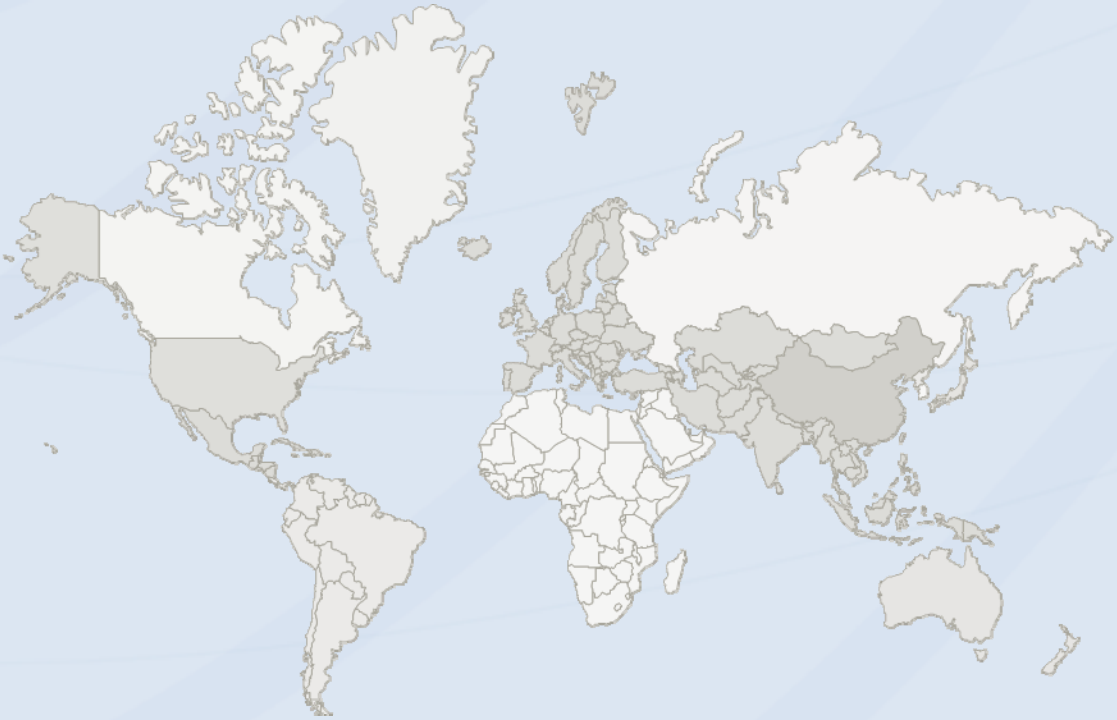
FCC TEST REPORT

Report No. ..... : NTC-ER2304051

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

FCC ID	:	2AUHG-5FLPR-SP3
Applicant	:	Artika For Living Inc
Address	:	1756 50th avenue, Lachine, Quebec, Canada H8T 2V5
Equipment under Test	:	LED ceiling light
Model No	:	5FLPR-SP3-XXXXXXXXX (The"X"is commercial code.Note:"X"=0~9 or A~Z and /or bank.
Trade Mark	:	N/A
Manufacturer	:	RISING-SUN LIGHTING Co.,Ltd
Address	:	San Shi Liu Lang" Industrial Area, Shilong Village Group, Langxin Village, Danzao Town, Nanhai District, Foshan Guangdong 528216 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-ER2304051		
Date of Test:	Apr.24, 2023 to May.29, 2023	**Date of Report**:	May.30, 2023

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

Taylor chen

_____

Taylor Chen /Engineer

Dongguan New Testing Center Co., Ltd NTC Product Service

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	2023-05-30	NTC-ER2304051	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 ceiling light
Model Number	:	5FLPR-SP3
EUT function description	:	Please reference user manual of this device
Rating	:	AC120-277V 50/60Hz 12W
Trade mark	:	N/A
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
5FLPR-SP3-XXXXXXXXX	AC120-277V 50/60Hz 12W	(The “X” is commercial code.Note:"X"=0~9 or A~Z and /or bank.)

Note: These models of circuits are similar.

2.3. Block diagram EUT configuration for test

For EUT ON mode:

AC mains —— EUT

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

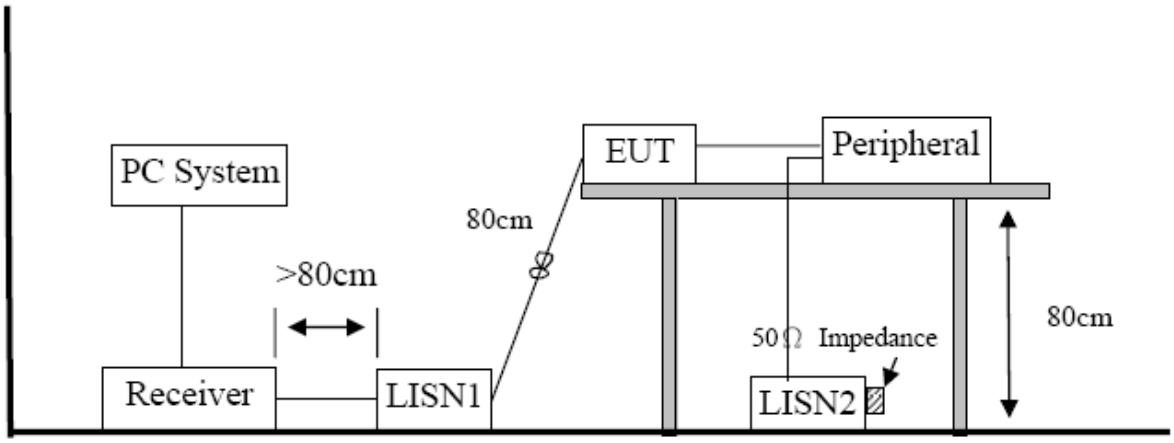
Dongguan New Testing Centre Co., Ltd
Add: 1F & 3F, No. 1 the 1st North Industry Road Songshan Lake Science & Technology Park Dongguan, People's Republic of China 523808.
Tel: +86-769-22212079;Web: http://www.ntc-cert.com;E-mail: dave@ntc-cert.com
A2LA Accreditation No. 5426.01

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.

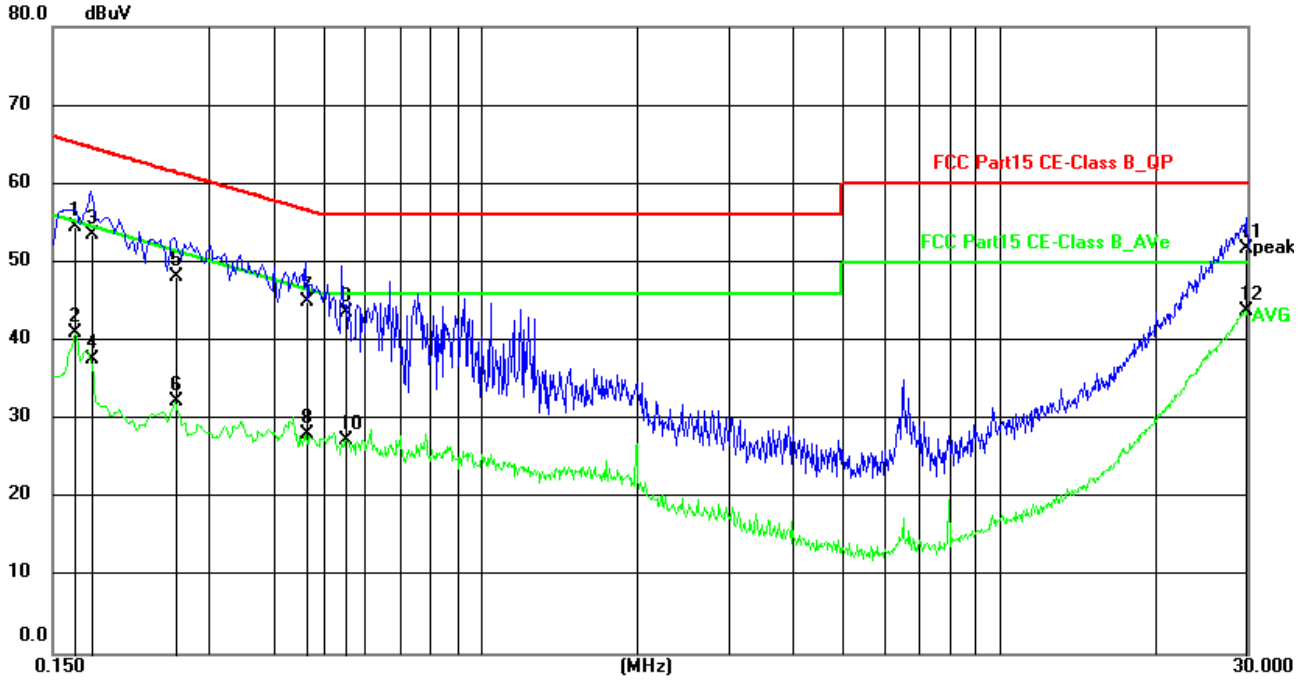
The bandwidth of test receiver is set at 9 KHz.

3.5. Test Result

PASS. (See below detailed test result)

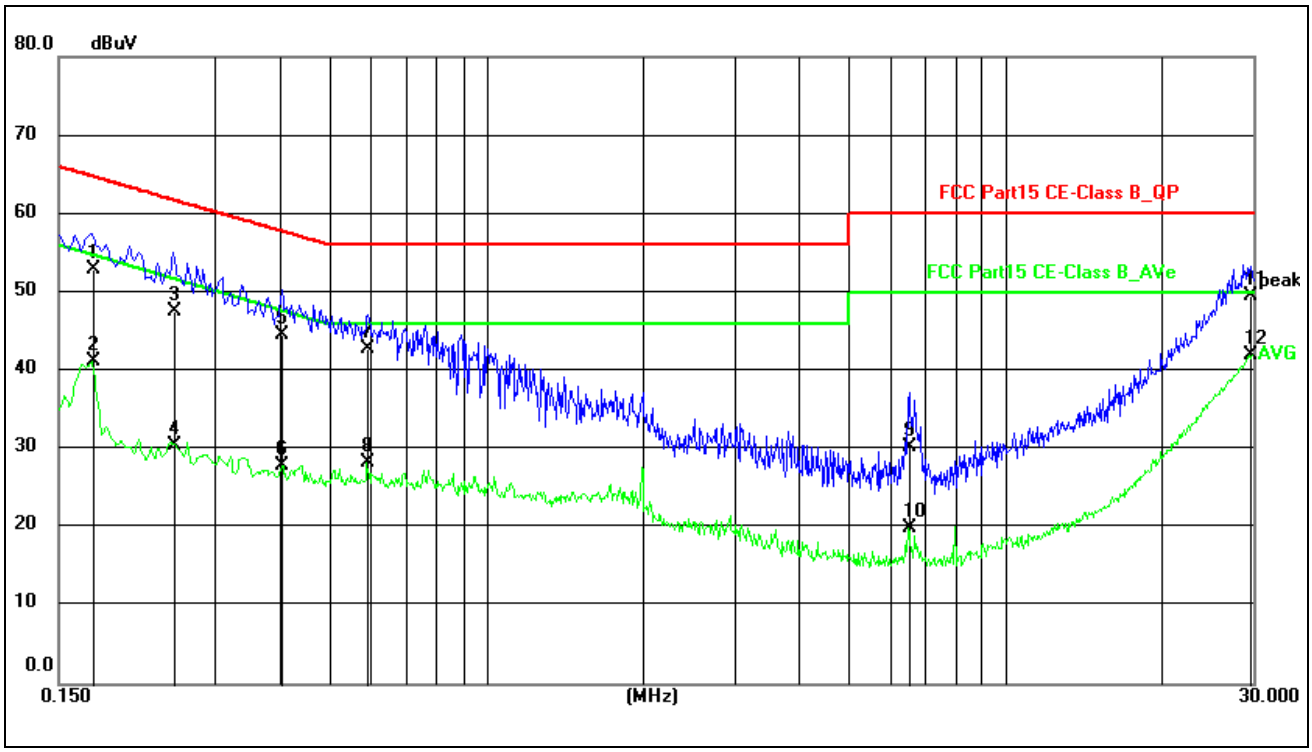
Note1: All emissions not reported below are too low against the prescribed limits.
Note2: "-----" means Peak detection; "-----" means Average detection.
Note3: Measurement = Reading Level + Factor, Margin= Measurement-Limit.

Conducted Emission Test Result



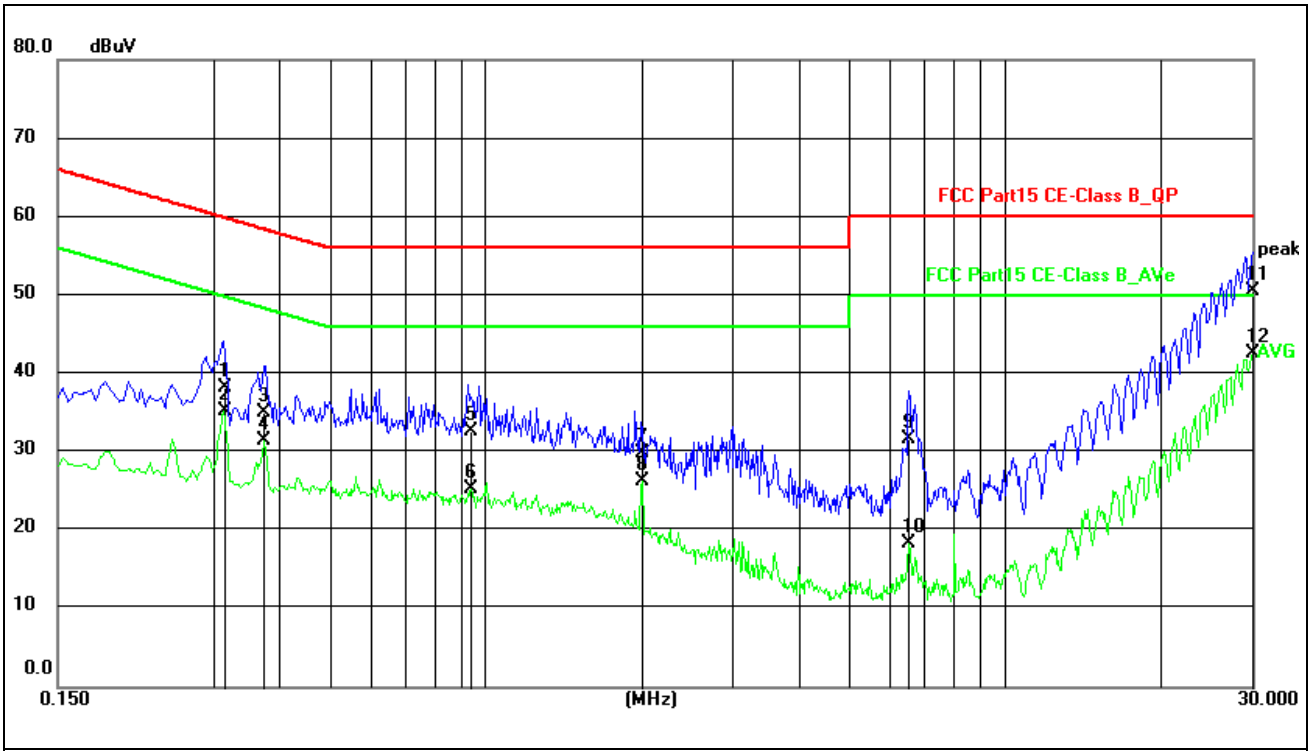
Site:	**844LAB**	**Phase:N**	**Temperature(C):25(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):64%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 16:38:46**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC120/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1652	43.42	11.16	54.58	65.20	-10.62	QP	
2	0.1652	29.90	11.16	41.06	55.20	-14.14	AVG	
3	0.1778	42.41	11.16	53.57	64.59	-11.02	QP	
4	0.1778	26.48	11.16	37.64	54.59	-16.95	AVG	
5	0.2580	37.03	11.20	48.23	61.50	-13.27	QP	
6	0.2580	21.00	11.20	32.20	51.50	-19.30	AVG	
7	0.4620	33.72	11.30	45.02	56.66	-11.64	QP	
8	0.4620	16.70	11.30	28.00	46.66	-18.66	AVG	
9	0.5500	32.30	11.29	43.59	56.00	-12.41	QP	
10	0.5500	16.10	11.29	27.39	46.00	-18.61	AVG	
11	29.7140	40.19	11.48	51.67	60.00	-8.33	QP	
12*	29.7140	32.39	11.48	43.87	50.00	-6.13	AVG	



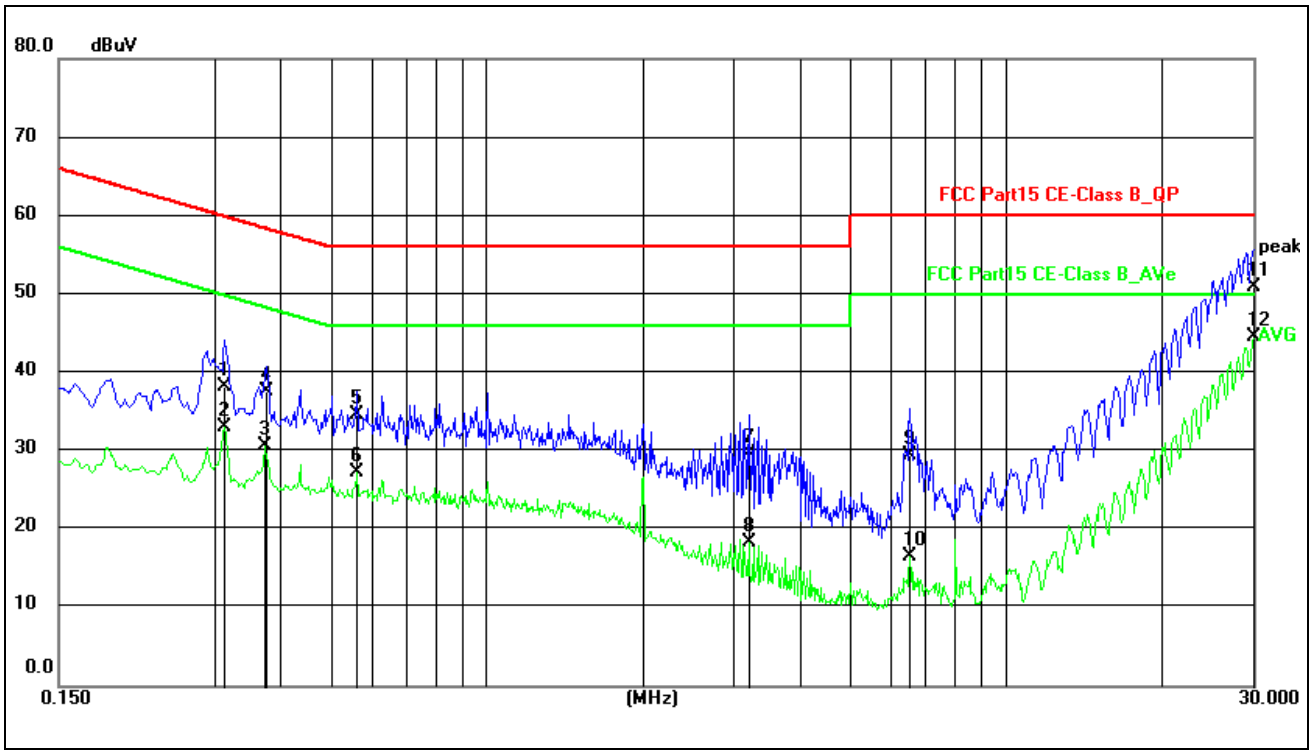
Site:	**844LAB**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 16:40:50**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC120/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1740	41.70	11.16	52.86	64.77	-11.91	QP	
2	0.1740	29.95	11.16	41.11	54.77	-13.66	AVG	
3	0.2506	36.31	11.20	47.51	61.74	-14.23	QP	
4	0.2506	19.26	11.20	30.46	51.74	-21.28	AVG	
5	0.4031	33.25	11.28	44.53	57.79	-13.26	QP	
6	0.4031	16.65	11.28	27.93	47.79	-19.86	AVG	
7	0.5888	31.53	11.29	42.82	56.00	-13.18	QP	
8	0.5888	16.92	11.29	28.21	46.00	-17.79	AVG	
9	6.5179	19.17	11.12	30.29	60.00	-29.71	QP	
10	6.5179	8.89	11.12	20.01	50.00	-29.99	AVG	
11	29.6619	38.05	11.48	49.53	60.00	-10.47	QP	
12*	29.6619	30.55	11.48	42.03	50.00	-7.97	AVG	



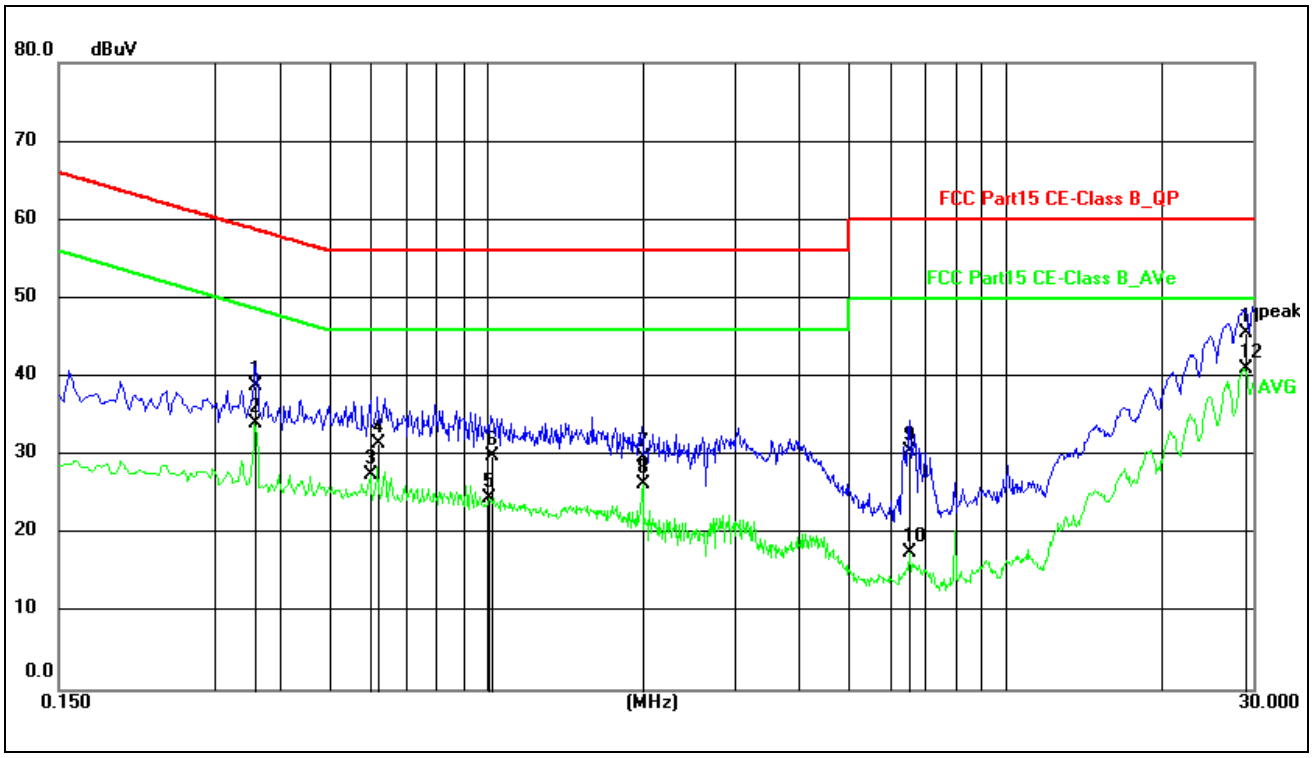
Site:	**844LAB**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 16:42:58**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC120/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.3140	27.09	11.17	38.26	59.86	-21.60	QP	
2	0.3140	24.07	11.17	35.24	49.86	-14.62	AVG	
3	0.3740	23.78	11.18	34.96	58.41	-23.45	QP	
4	0.3740	20.34	11.18	31.52	48.41	-16.89	AVG	
5	0.9398	21.38	11.23	32.61	56.00	-23.39	QP	
6	0.9398	14.03	11.23	25.26	46.00	-20.74	AVG	
7	2.0064	18.63	11.25	29.88	56.00	-26.12	QP	
8	2.0064	15.11	11.25	26.36	46.00	-19.64	AVG	
9	6.5473	20.56	11.19	31.75	60.00	-28.25	QP	
10	6.5473	7.11	11.19	18.30	50.00	-31.70	AVG	
11	29.9141	39.12	11.48	50.60	60.00	-9.40	QP	
12*	29.9141	31.16	11.48	42.64	50.00	-7.36	AVG	



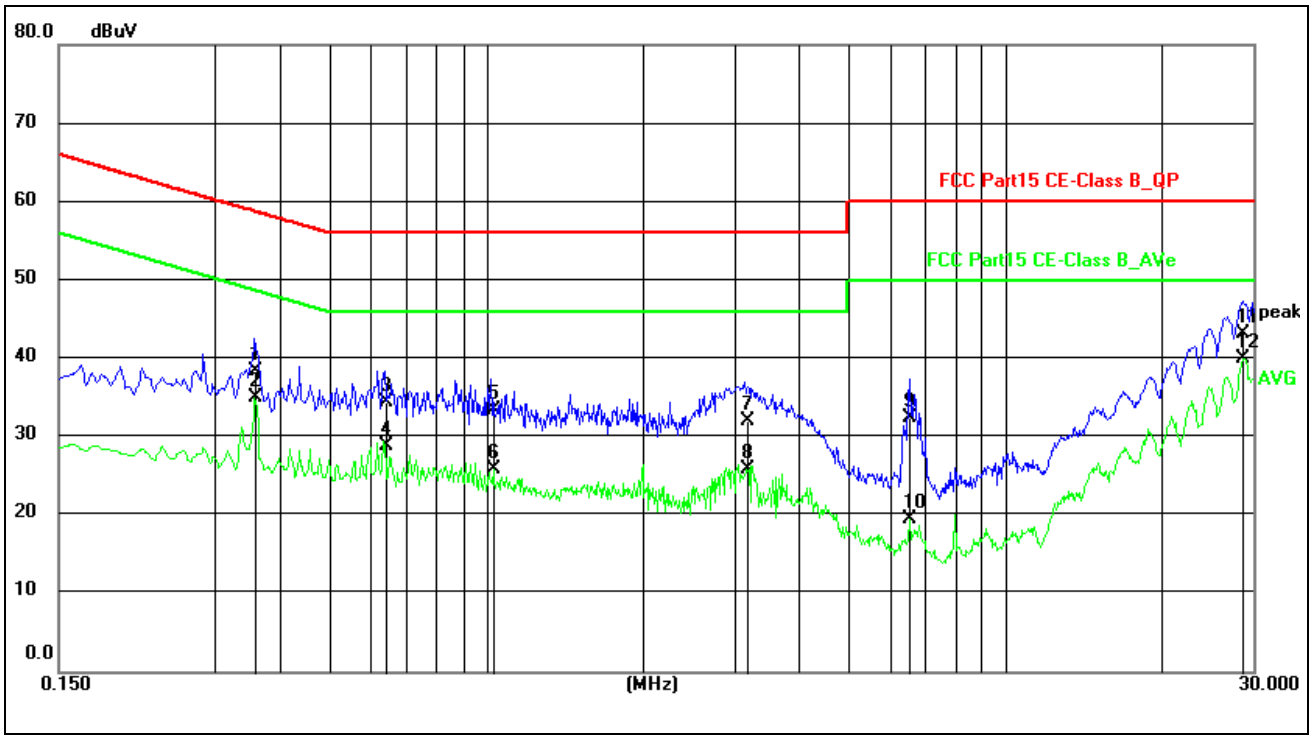
Site:	**844LAB**	**Phase:N**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 16:45:01**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC120/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.3135	26.90	11.25	38.15	59.88	-21.73	QP	
2	0.3135	21.73	11.25	32.98	49.88	-16.90	AVG	
3	0.3734	19.42	11.27	30.69	48.42	-17.73	AVG	
4	0.3774	26.42	11.27	37.69	58.34	-20.65	QP	
5	0.5648	23.32	11.29	34.61	56.00	-21.39	QP	
6	0.5648	15.98	11.29	27.27	46.00	-18.73	AVG	
7	3.1996	18.56	11.16	29.72	56.00	-26.28	QP	
8	3.1996	7.29	11.16	18.45	46.00	-27.55	AVG	
9	6.5473	18.28	11.12	29.40	60.00	-30.60	QP	
10	6.5473	5.37	11.12	16.49	50.00	-33.51	AVG	
11	29.9109	39.40	11.47	50.87	60.00	-9.13	QP	
12*	29.9109	33.06	11.47	44.53	50.00	-5.47	AVG	



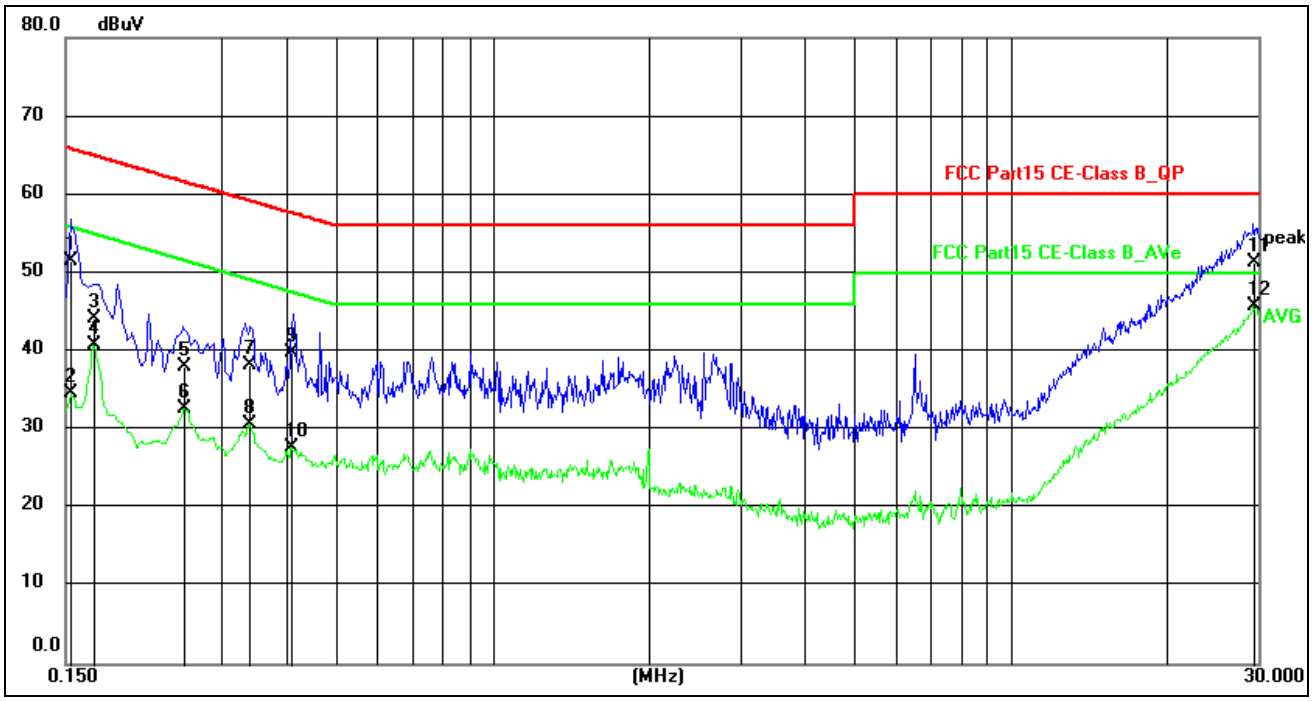
Site:	**844LAB**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 16:47:54**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC277/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.3580	27.59	11.18	38.77	58.77	-20.00	QP	
2	0.3580	22.85	11.18	34.03	48.77	-14.74	AVG	
3	0.5980	16.34	11.22	27.56	46.00	-18.44	AVG	
4	0.6180	20.15	11.23	31.38	56.00	-24.62	QP	
5	1.0140	13.24	11.22	24.46	46.00	-21.54	AVG	
6	1.0260	18.74	11.22	29.96	56.00	-26.04	QP	
7	1.9980	18.45	11.25	29.70	56.00	-26.30	QP	
8	2.0020	15.09	11.25	26.34	46.00	-19.66	AVG	
9	6.5500	19.23	11.19	30.42	60.00	-29.58	QP	
10	6.5500	6.38	11.19	17.57	50.00	-32.43	AVG	
11	28.9940	34.05	11.50	45.55	60.00	-14.45	QP	
12*	28.9940	29.50	11.50	41.00	50.00	-9.00	AVG	



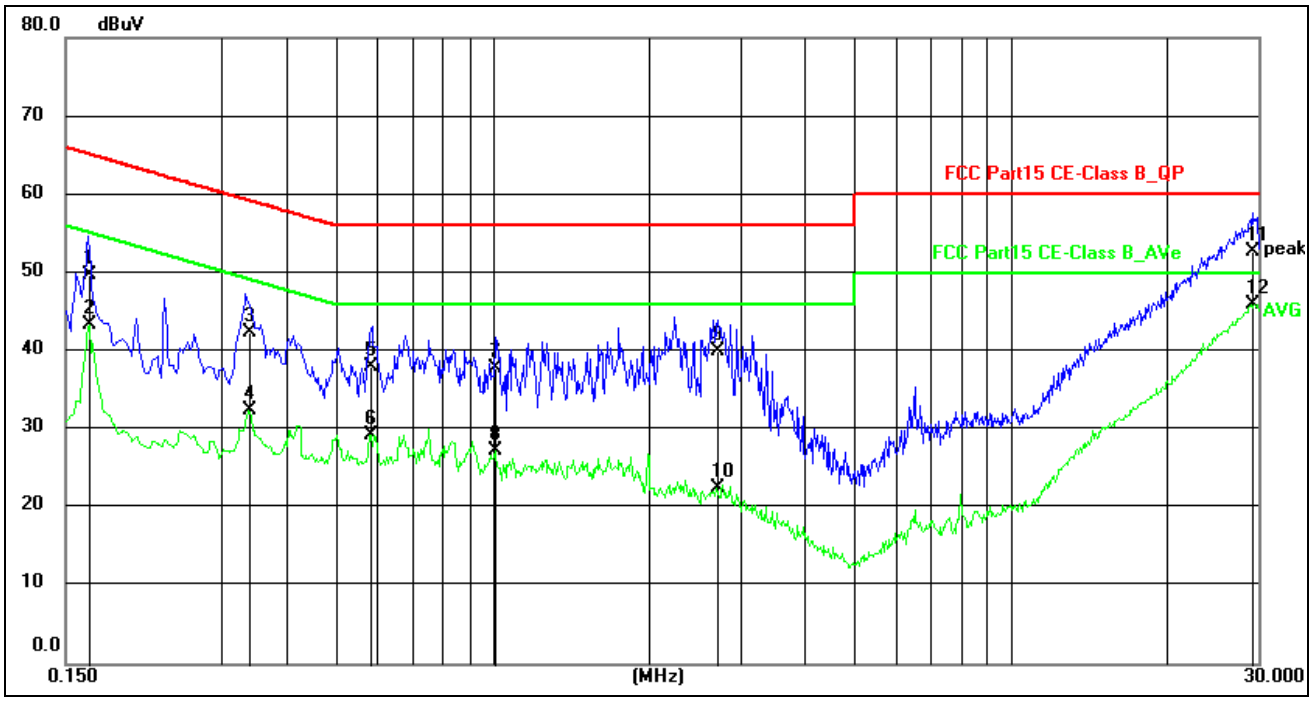
Site:	**844LAB**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 16:49:47**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC277/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum brightness**		

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.3580	27.31	11.18	38.49	58.77	-20.28	QP	
2	0.3580	23.88	11.18	35.06	48.77	-13.71	AVG	
3	0.6380	23.21	11.23	34.44	56.00	-21.56	QP	
4	0.6380	17.75	11.23	28.98	46.00	-17.02	AVG	
5	1.0339	22.14	11.22	33.36	56.00	-22.64	QP	
6	1.0339	14.74	11.22	25.96	46.00	-20.04	AVG	
7	3.1820	20.79	11.21	32.00	56.00	-24.00	QP	
8	3.1820	14.63	11.21	25.84	46.00	-20.16	AVG	
9	6.5340	21.31	11.19	32.50	60.00	-27.50	QP	
10	6.5340	8.39	11.19	19.58	50.00	-30.42	AVG	
11	28.7340	31.76	11.51	43.27	60.00	-16.73	QP	
12*	28.7340	28.52	11.51	40.03	50.00	-9.97	AVG	



Site:	**844LAB**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 16:51:42**
M/N.:	**5FLPR-SP3**	**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	0.1539	40.42	11.14	51.56	65.79	-14.23	QP	
2	0.1539	23.56	11.14	34.70	55.79	-21.09	AVG	
3	0.1700	32.98	11.14	44.12	64.96	-20.84	QP	
4	0.1700	29.57	11.14	40.71	54.96	-14.25	AVG	
5	0.2540	26.95	11.15	38.10	61.63	-23.53	QP	
6	0.2540	21.57	11.15	32.72	51.63	-18.91	AVG	
7	0.3379	27.02	11.17	38.19	59.25	-21.06	QP	
8	0.3379	19.56	11.17	30.73	49.25	-18.52	AVG	
9	0.4100	28.61	11.18	39.79	57.65	-17.86	QP	
10	0.4100	16.56	11.18	27.74	47.65	-19.91	AVG	
11	29.4860	39.77	11.50	51.27	60.00	-8.73	QP	
12*	29.4860	34.28	11.50	45.78	50.00	-4.22	AVG	



Site:	**844LAB**	**Phase:N**	**Temperature(C):24(C)**
Limit:	**FCC Part15 CE-Class B_QP**		**Humidity(%):63%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 16:54:00**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC277/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum brightness**		

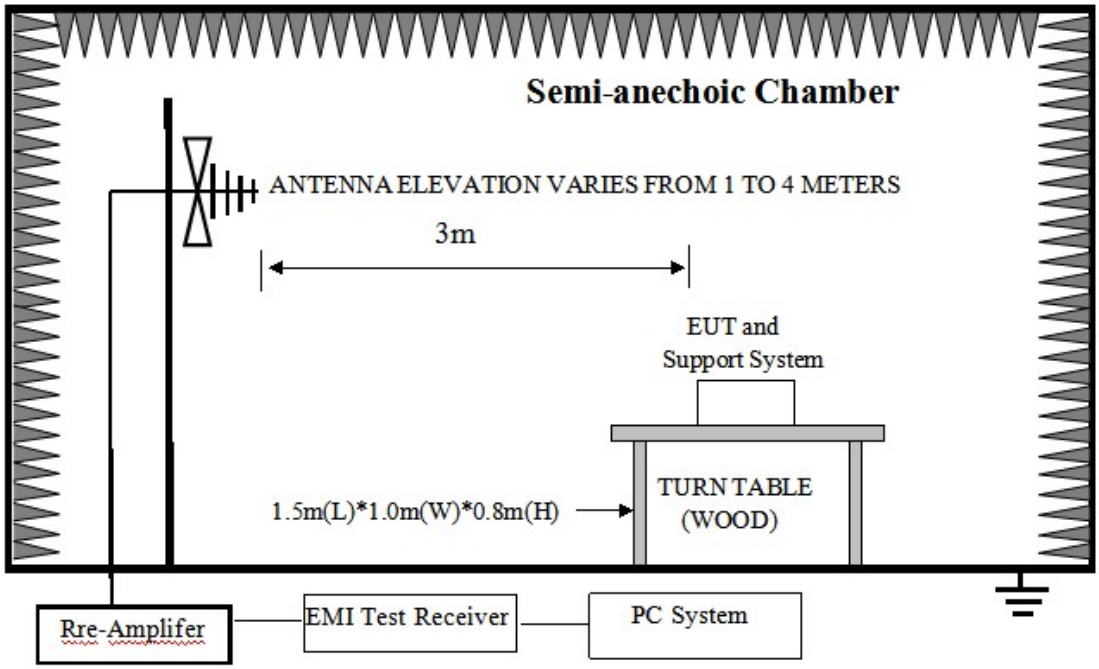
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1667	38.55	11.16	49.71	65.12	-15.41	QP	
2	0.1667	32.23	11.16	43.39	55.12	-11.73	AVG	
3	0.3379	31.08	11.26	42.34	59.25	-16.91	QP	
4	0.3379	21.13	11.26	32.39	49.25	-16.86	AVG	
5	0.5820	26.82	11.29	38.11	56.00	-17.89	QP	
6	0.5820	18.03	11.29	29.32	46.00	-16.68	AVG	
7	1.0140	26.51	11.23	37.74	56.00	-18.26	QP	
8	1.0140	16.14	11.23	27.37	46.00	-18.63	AVG	
9	2.7139	28.84	11.19	40.03	56.00	-15.97	QP	
10	2.7139	11.31	11.19	22.50	46.00	-23.50	AVG	
11	29.1420	41.16	11.49	52.65	60.00	-7.35	QP	
12*	29.1420	34.42	11.49	45.91	50.00	-4.09	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.

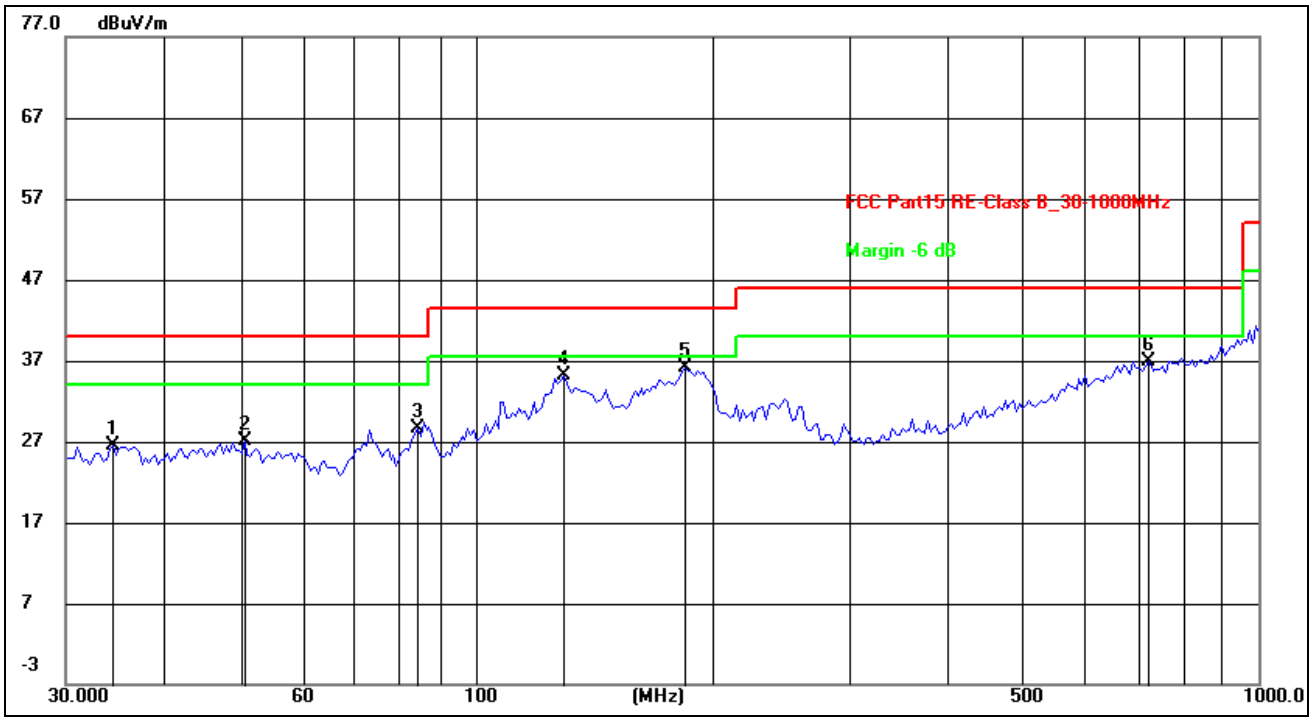
4.5. Test result

PASS. (See below detailed test result)

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

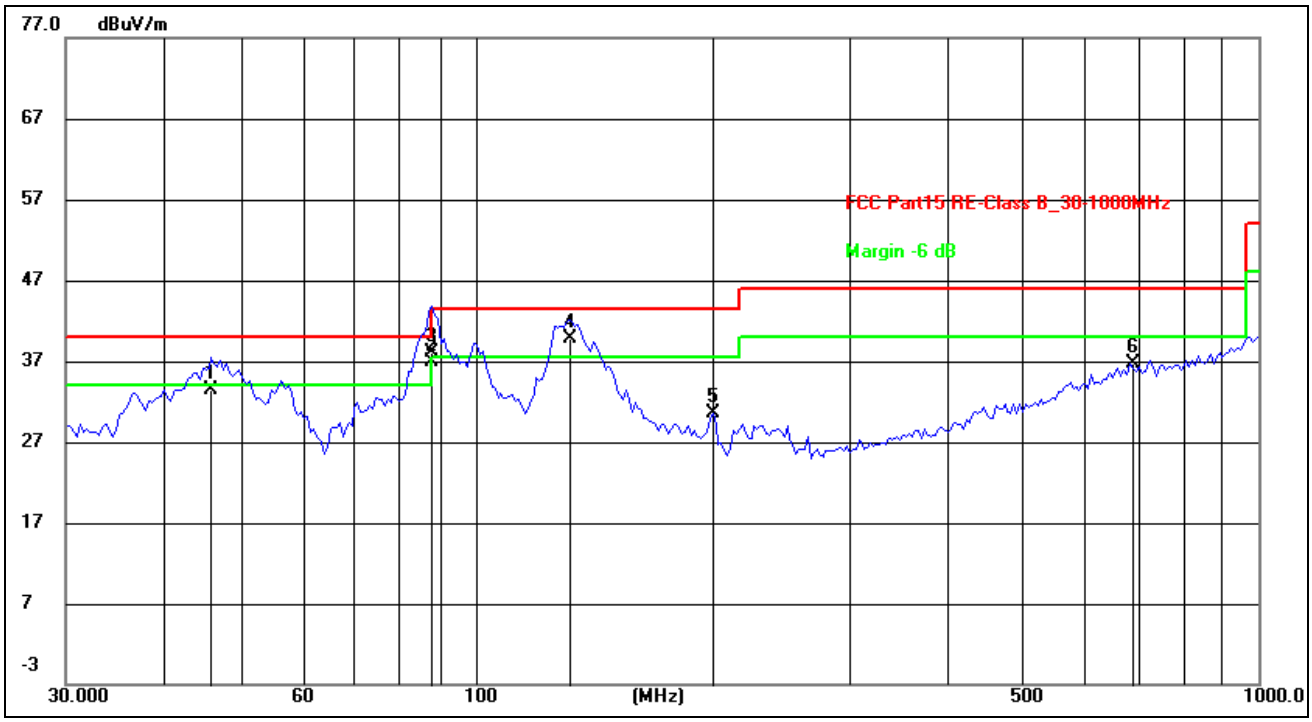
Note2: Result Level = Reading Level + Antenna Factor + Cable Loss, Margin= Level-Limit.

Radiated Emission Test Result



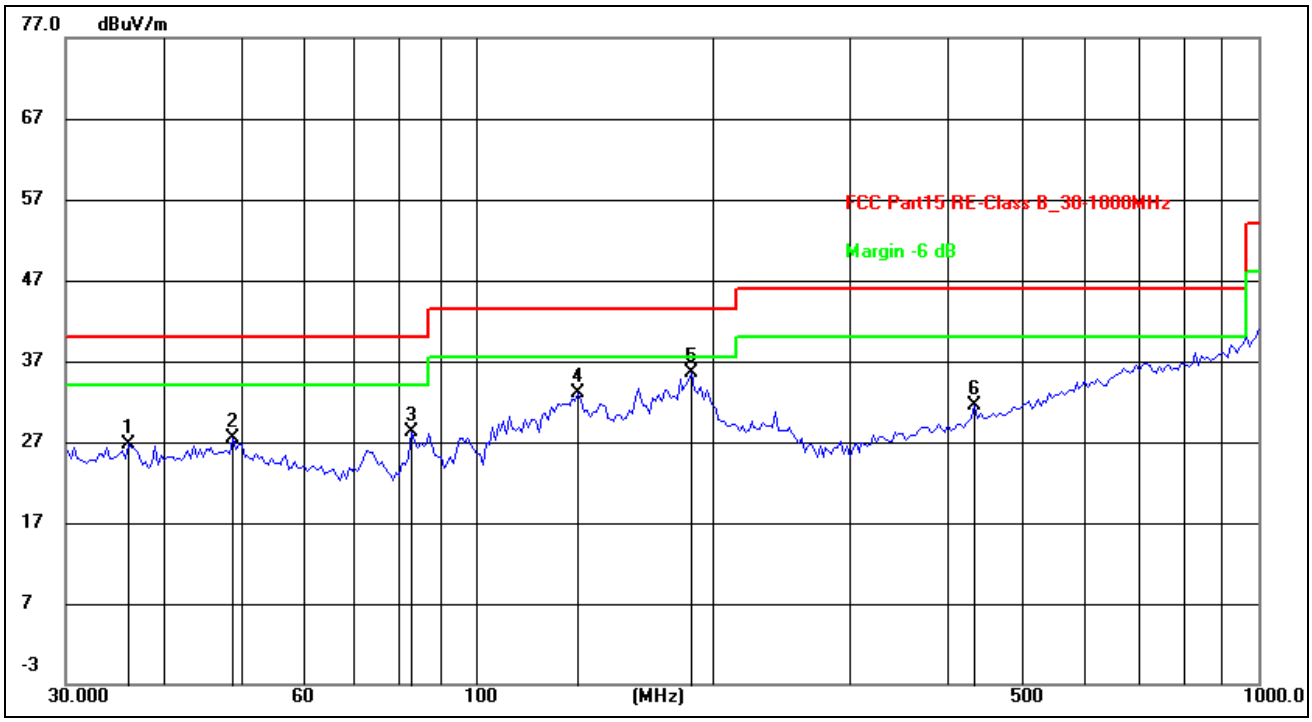
Site:	**966LAB**	**Antenna::Horizontal**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 14:48:57**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum Brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	34.5172	12.97	13.52	26.49	40.00	-13.51	peak	200	136	
2	50.7636	13.10	14.06	27.16	40.00	-12.84	peak	200	25	
3	84.4054	19.23	9.33	28.56	40.00	-11.44	peak	100	35	
4	129.6949	21.20	13.96	35.16	43.50	-8.34	peak	200	21	
5 *	185.7882	23.77	12.35	36.12	43.50	-7.38	peak	200	71	
6	722.9923	14.06	22.81	36.87	46.00	-9.13	peak	200	356	



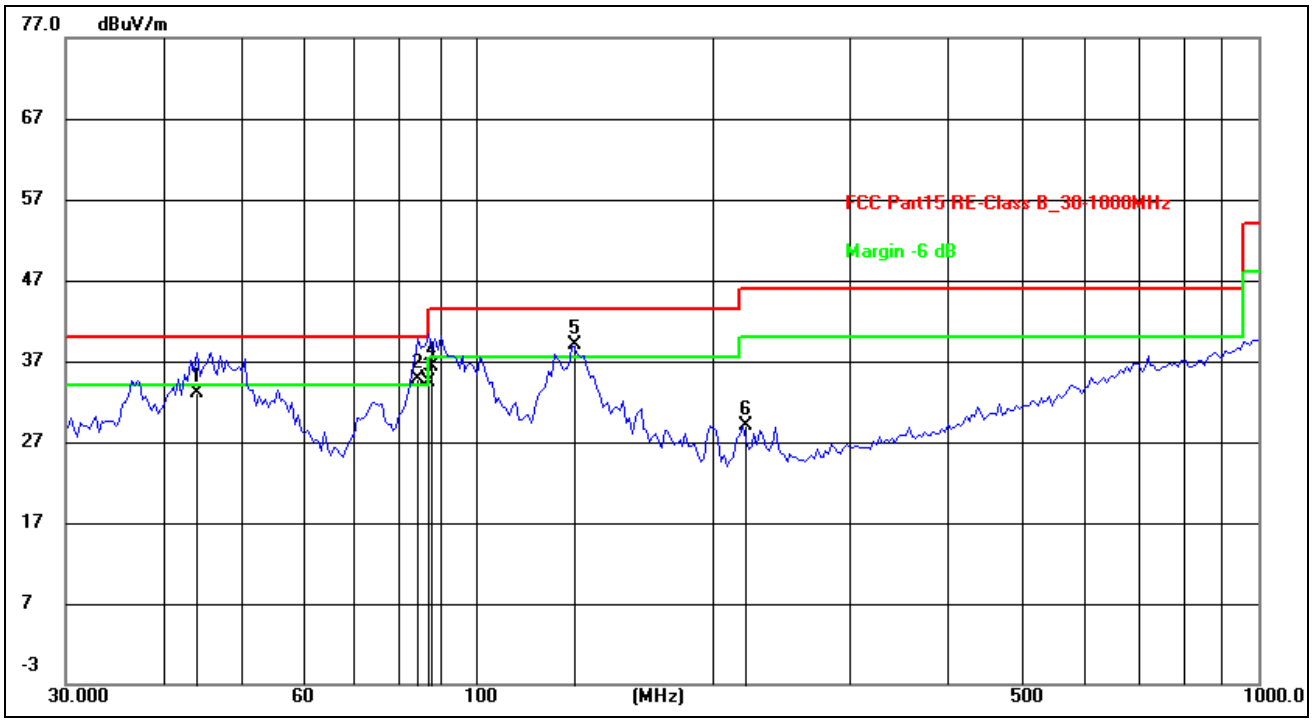
Site:	**966LAB**	**Antenna::Vertical**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 14:51:32**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Maximum Brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	46.0971	19.08	14.34	33.42	40.00	-6.58	QP	100	36	
2 *	87.6854	26.45	10.40	36.85	40.00	-3.15	QP	100	355	
3 !	88.1873	27.73	10.41	38.14	43.50	-5.36	QP	100	355	
4 !	131.9889	25.62	14.16	39.78	43.50	-3.72	QP	100	74	
5	201.0402	19.14	11.36	30.50	43.50	-13.00	peak	100	82	
6	685.9470	14.35	22.35	36.70	46.00	-9.30	peak	100	298	



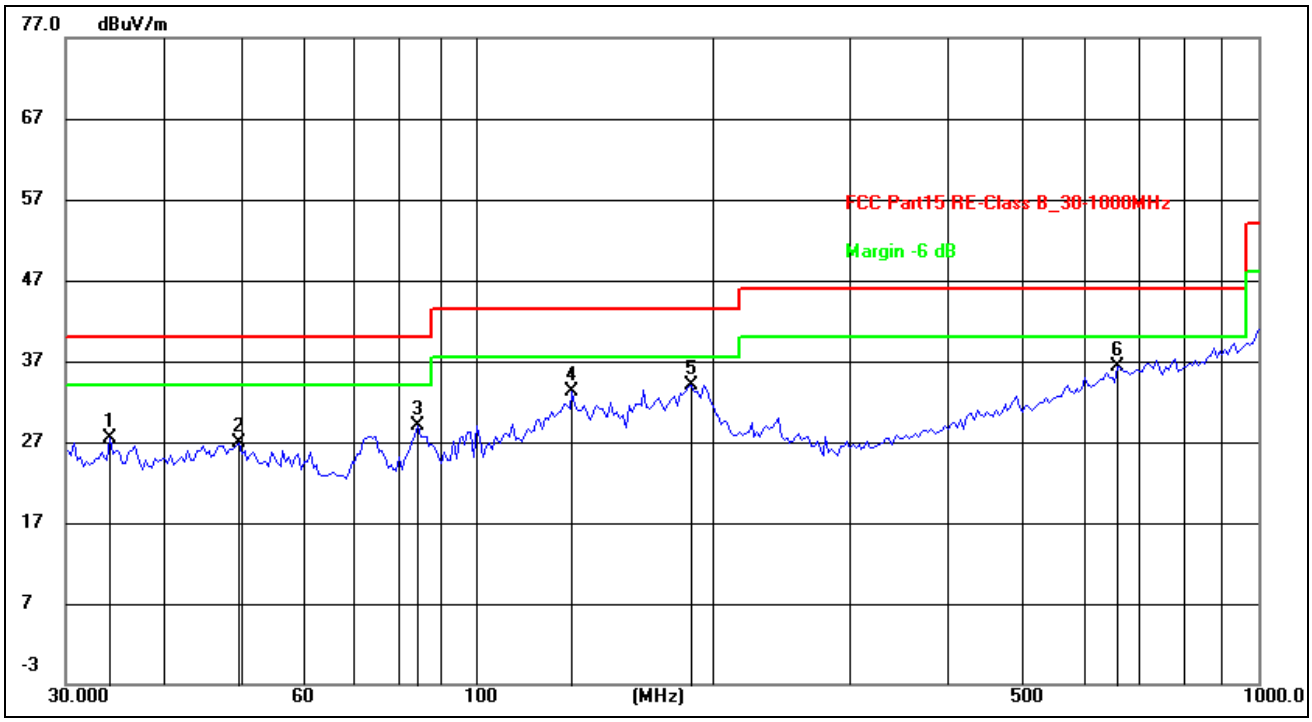
Site:	**966LAB**	**Antenna::Horizontal**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 14:59:51**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum Brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	36.0638	12.89	13.73	26.62	40.00	-13.38	peak	100	319	
2	49.0144	13.30	14.20	27.50	40.00	-12.50	peak	200	242	
3	82.9384	18.97	9.35	28.32	40.00	-11.68	peak	200	37	
4	135.5061	19.33	13.82	33.15	43.50	-10.35	peak	200	34	
5 *	189.0743	23.62	11.98	35.60	43.50	-7.90	peak	200	48	
6	434.8267	13.81	17.69	31.50	46.00	-14.50	peak	100	169	



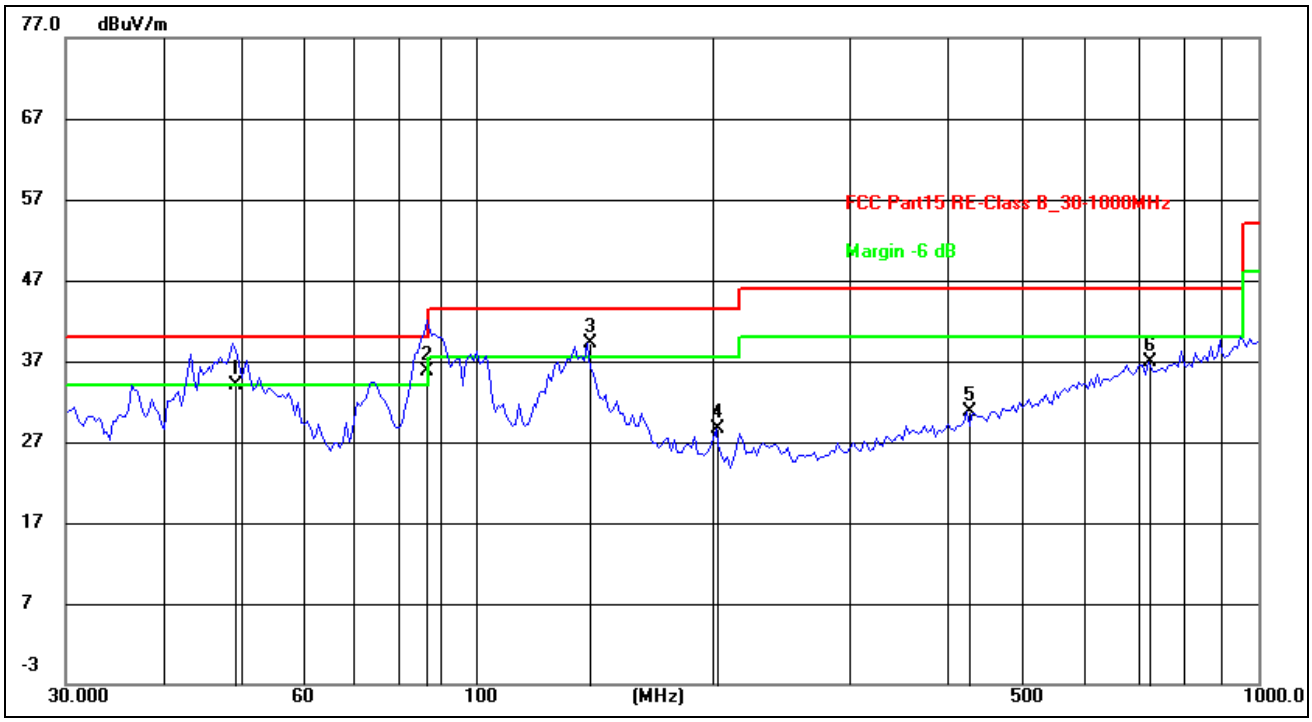
Site:	**966LAB**	**Antenna::Vertical**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 15:02:25**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC 120V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum Brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	44.1202	18.59	14.40	32.99	40.00	-7.01	QP	100	216	
2 !	83.9098	24.47	10.30	34.77	40.00	-5.23	QP	100	355	
3 !	86.9664	24.05	10.37	34.42	40.00	-5.58	QP	100	337	
4 *	87.4177	25.94	10.39	36.33	40.00	-3.67	QP	100	355	
5 !	133.1511	24.81	14.25	39.06	43.50	-4.44	peak	100	41	
6	219.4598	16.89	12.12	29.01	46.00	-16.99	peak	100	89	



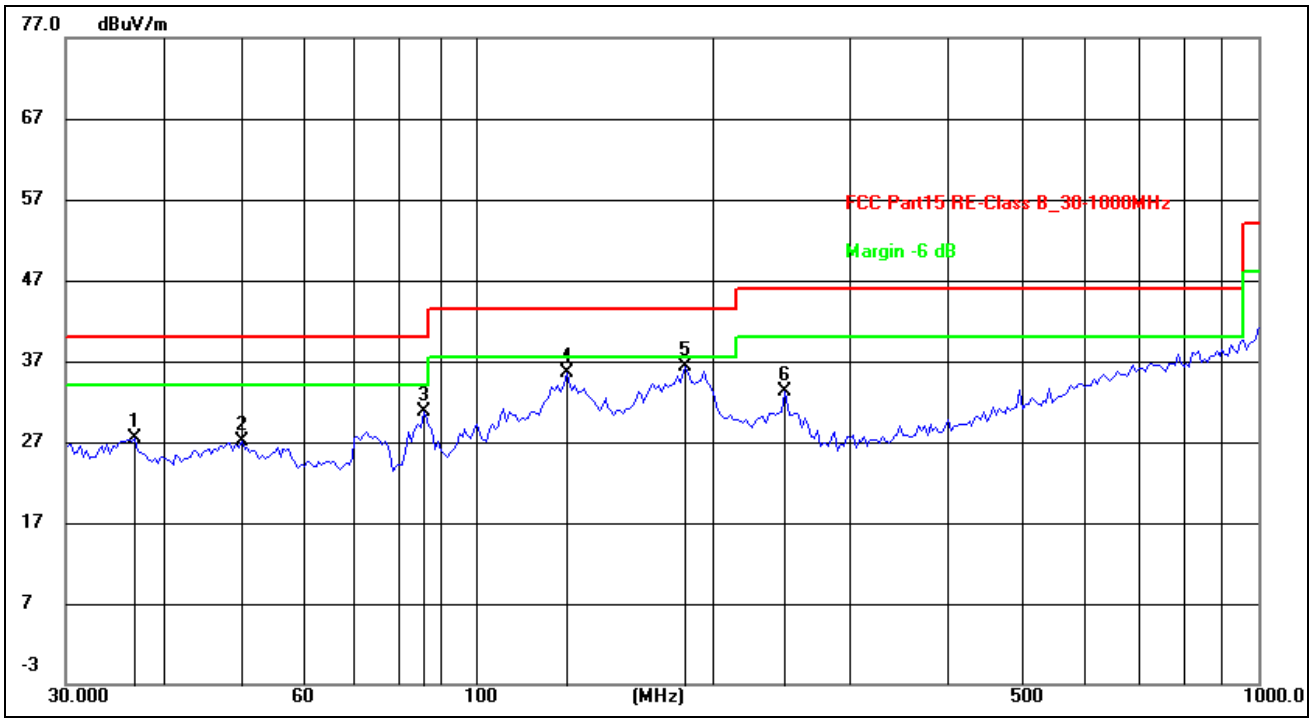
Site:	**966LAB**	**Antenna::Horizontal**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 15:09:20**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC 277V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum Brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	34.2159	13.96	13.48	27.44	40.00	-12.56	peak	200	253	
2	49.8814	12.76	14.17	26.93	40.00	-13.07	peak	200	300	
3	84.4054	19.78	9.33	29.11	40.00	-10.89	peak	200	46	
4	133.1510	19.31	13.90	33.21	43.50	-10.29	peak	200	22	
5 *	189.0743	22.06	11.98	34.04	43.50	-9.46	peak	200	61	
6	662.3106	14.27	22.07	36.34	46.00	-9.66	peak	200	340	



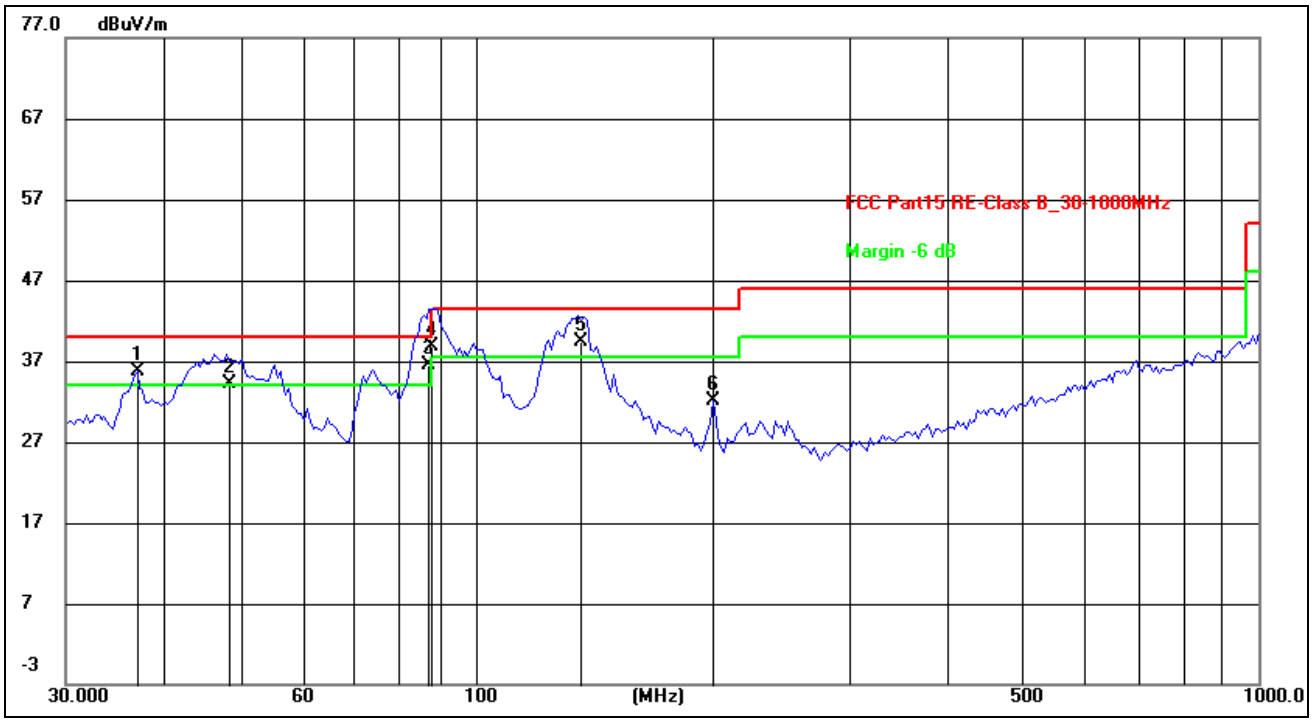
Site:	**966LAB**	**Antenna::Vertical**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 15:11:55**
M/N.:	**5FLPR-SP3**	**Power Rating:**	**AC 277V/60Hz**
Mode:	**Lighting**	**Test Engineer:**	
Note:	**Minimum Brightness**		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1 !	49.0145	19.72	14.31	34.03	40.00	-5.97	QP	100	114	
2 *	86.3558	25.29	10.37	35.66	40.00	-4.34	QP	200	157	
3 !	139.1172	24.45	14.70	39.15	43.50	-4.35	peak	100	42	
4	202.8104	17.25	11.40	28.65	43.50	-14.85	peak	100	88	
5	423.5403	13.43	17.40	30.83	46.00	-15.17	peak	200	28	
6	722.9924	14.14	22.81	36.95	46.00	-9.05	peak	200	46	



Site:	**966LAB**	**Antenna::Horizontal**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 15:18:10**
M/N.:	**5FLPR-SP3**	**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	36.7017	13.66	13.81	27.47	40.00	-12.53	peak	200	294	
2	50.3206	12.91	14.12	27.03	40.00	-12.97	peak	100	253	
3	85.8983	21.42	9.29	30.71	40.00	-9.29	peak	200	235	
4	130.8369	21.52	13.98	35.50	43.50	-8.00	peak	200	355	
5 *	185.7882	24.02	12.35	36.37	43.50	-7.13	peak	200	52	
6	248.1165	19.98	13.21	33.19	46.00	-12.81	peak	100	208	



Site:	**966LAB**	**Antenna::Vertical**	**Temperature(C):24(C)**
Limit:	**FCC Part15 RE-Class B_30-1000MHz**		**Humidity(%):60%**
EUT:	**LED ceiling light**	**Test Time:**	**2023/5/29 15:20:44**
M/N.:	**5FLPR-SP3**	**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	21.38	14.28	35.66	40.00	-4.34	peak	200	255	
2 !	48.1626	19.90	14.32	34.22	40.00	-5.78	QP	100	62	
3 *	86.8788	26.12	10.37	36.49	40.00	-3.51	QP	100	30	
4 !	88.1873	28.49	10.41	38.90	43.50	-4.60	QP	100	356	
5 !	135.5062	25.04	14.43	39.47	43.50	-4.03	QP	100	58	
6	201.0402	20.73	11.36	32.09	43.50	-11.41	peak	100	93	

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

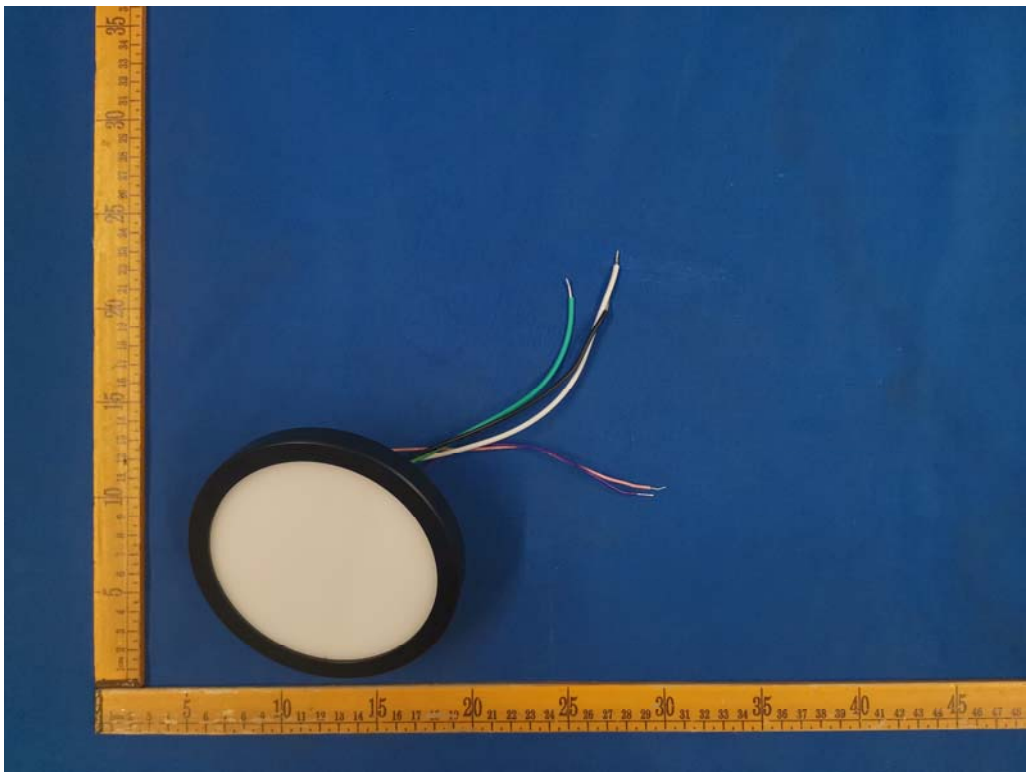


Fig.1(Model: 5FLPR-SP3)

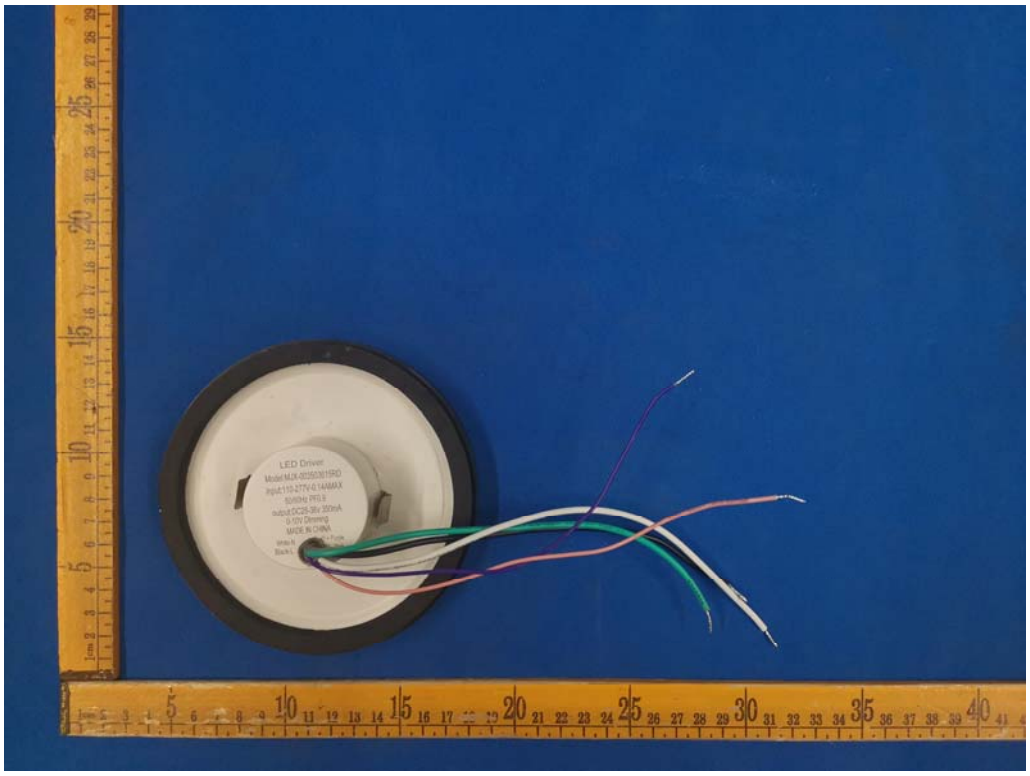


Fig.2(Model: 5FLPR-SP3)

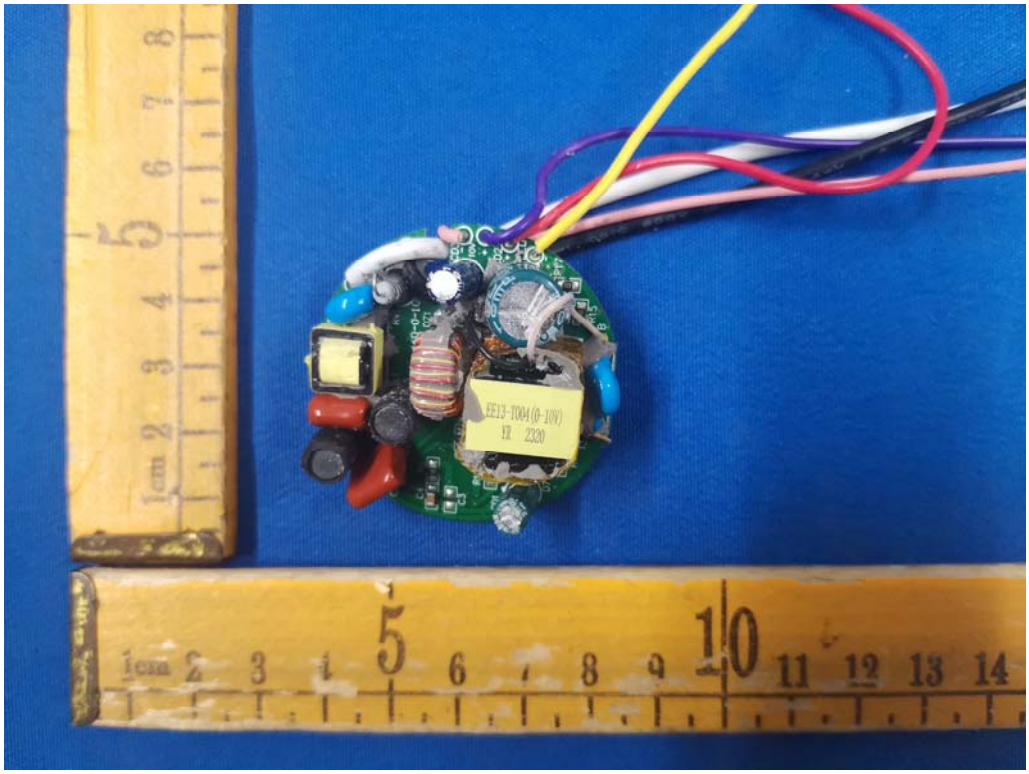


Fig.3(Model: 5FLPR-SP3)

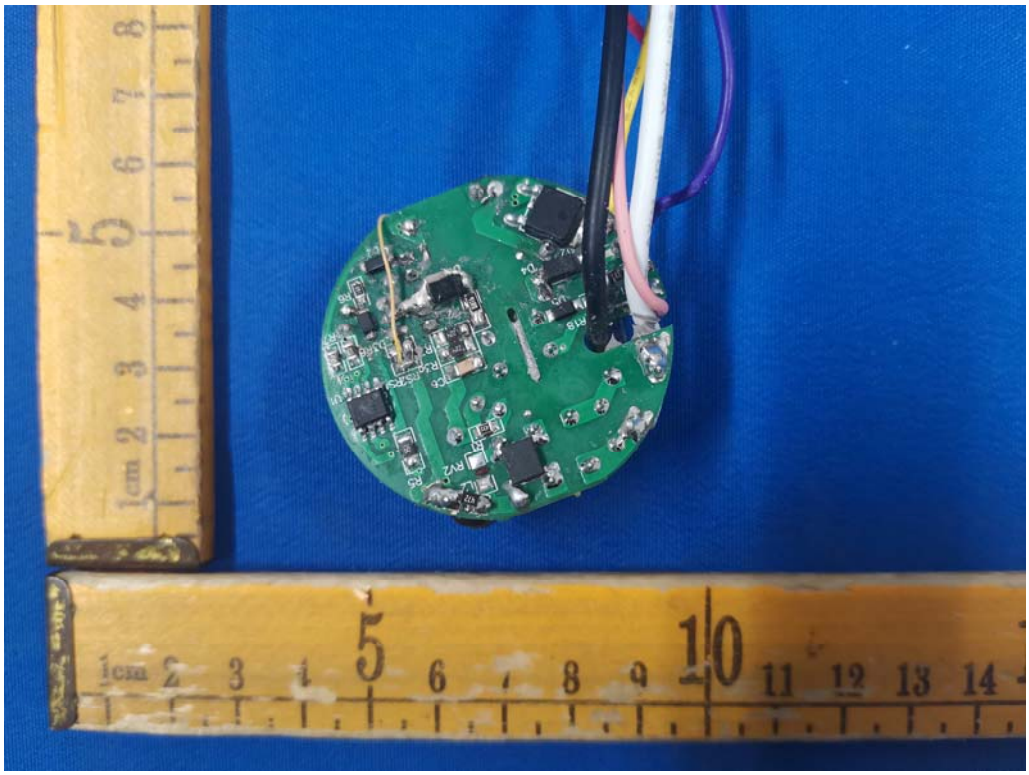


Fig.4(Model: 5FLPR-SP3)

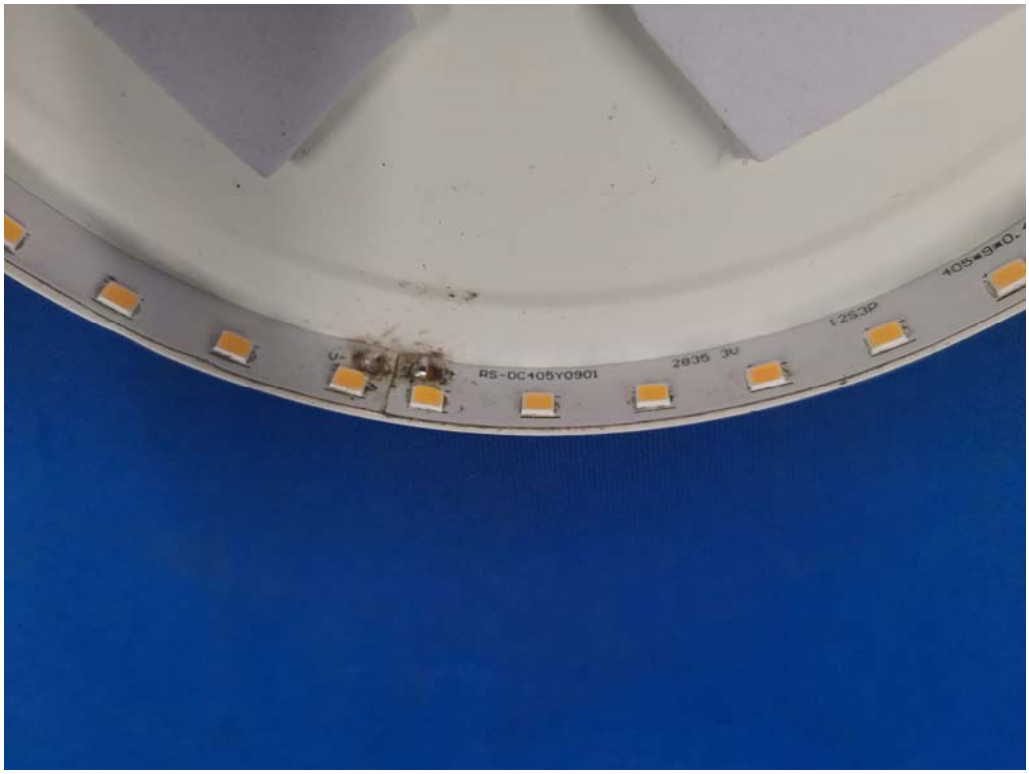


Fig.5(Model: 5FLPR-SP3)

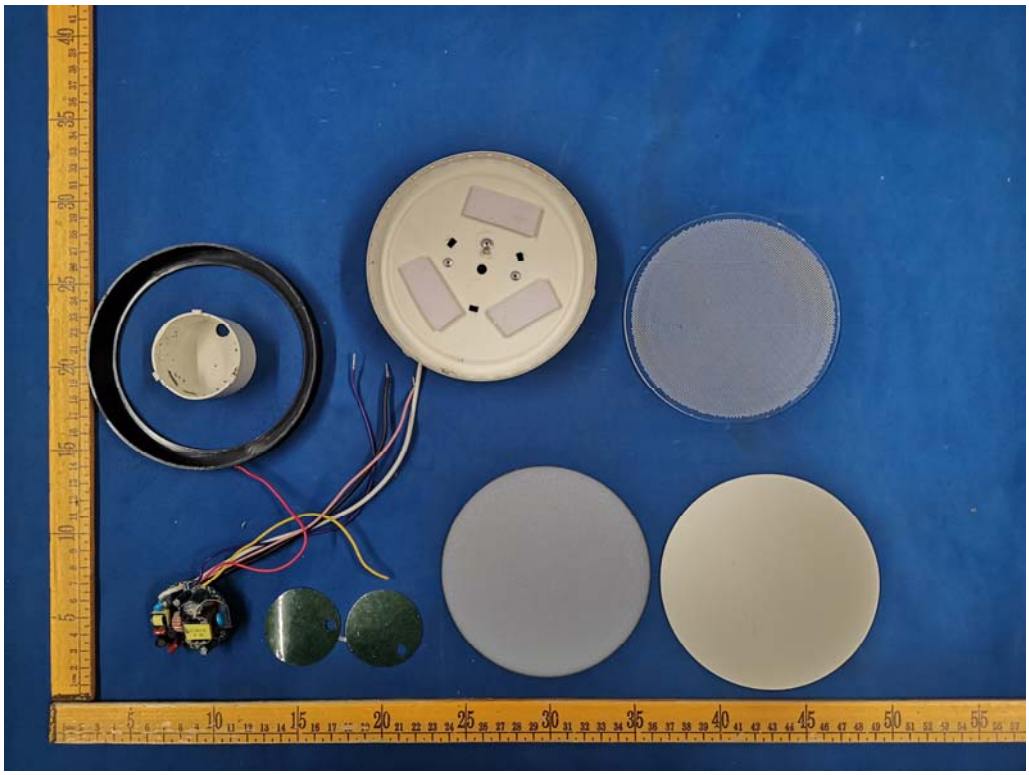


Fig.6(Model: 5FLPR-SP3)

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--