TEST REPORT

For

LED Flood Lamp

MODEL NUMBER:
TTL-010-50-100V-1, TTL-020-50-100V-1, TTL-035-50-100V-1

REPORT NUMBER: 4791524802-E01-00

ISSUE DATE: May 20, 2025

Prepared for

Paragon Semiconductor Lighting Technology Co., Ltd. (ParagonLED®)
3F No 369 Sec 2 Wenhua 2Nd Rd New Taipei City, 244 TW

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
--	05/20/2025	Initial Issue	--

Test Summary

According to the specifications of the manufacture, the EUT complies with the following standards' requirements:
CISPR 15:2013 + JAPANESE DIFFERENCES (CISPRJ 15 H29)

Electromagnetic Interference (EMI)

Test Items	Test standard	Test Specification	Result
Conducted Emission	CISPR 15:2013+ JAPANESE DIFFERENCES (CISPRJ 15 H29)	CLAUSE 4.3.1	PASS
Radiated Emission (30MHz-300MHz)	CISPR 15:2013+ JAPANESE DIFFERENCES (CISPRJ 15 H29)	CLAUSE 4.4.2	PASS
Radiated Emission (9KHz-30MHz)	CISPR 15:2013+ JAPANESE DIFFERENCES (CISPRJ 15 H29)	CLAUSE 4.4.1	PASS

Remark 1:
N/A=not applicable.dd
Remark 2:
The product fulfils the requirements of CISPRJ 15 H29.
Remark 3:
According to the comparison of the pre-test result under all voltage, only the maximum disturbance between 50Hz and 60Hz will be shown in the report.
Remark 4:
The maximum disturbances of following frequencies at the mains terminals test had been evaluated and covered and showered by the maximum disturbances of complete frequency 9kHz to 30MHz:
9kHz, 50kHz, 100kHz, 160kHz, 240kHz, 550kHz, 1Mhz, 1.4MHz, 2MHz, 3.5MHz, 6MHz, 10MHz, 22MHz, 30MHz.

CONTENTS

1 ATTESTATION OF TEST RESULTS

Applicant Information	
Company Name:	Paragon Semiconductor Lighting Technology Co., Ltd. (ParagonLED®)
Address:	3F No 369 Sec 2 Wenhua 2Nd Rd New Taipei City, 244 TW
Manufacturer Information	
Company Name:	Paragon Semiconductor Lighting Technology Co., Ltd. (ParagonLED®)
Address:	3F No 369 Sec 2 Wenhua 2Nd Rd New Taipei City, 244 TW
EUT Description	
Product Name:	LED Flood Lamp
Model Number:	TTL-010-50-100V-1, TTL-020-50-100V-1, TTL-035-50-100V-1
SN:	1801730
Date Tested:	November 06 2024 ~ November 16 2024

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
CISPR 15:2013 + JAPANESE DIFFERENCES (CISPRJ 15 H29)	**PASS***

'*' Decision rule for statement(s) of conformity and Measurement uncertainty is calculated in accordance to clause 4 of CISPR 16-4-2:2018.

Prepared By:

Ryan Pang

Approved By:

Holden Liang

2 TEST METHODOLOGY

All tests were performed in accordance with the procedures documented:
CISPR 15:2013 + JAPANESE DIFFERENCES (CISPRJ 15 H29)

3 FACILITIES AND ACCREDITATION

Test Location	Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City, Guangdong Province, China, 523808

4 CALIBRATION AND UNCERTAINTY

4.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Measurement Frequency Range	K	U(dB)
Conducted disturbance	0.009MHz ~ 30MHz	2	2.80
Radiated electromagnetic disturbances	0.009MHz ~ 30MHz	2	2.69
Radiated Emission Test	30MHz ~ 1000MHz	2	4.40
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.			

5 EQUIPMENT UNDER TEST

5.1 DESCRIPTION FOR THE EUT

Product Name:	LED Flood Lamp
Model No.:	TTL-010-50-100V-1, TTL-020-50-100V-1, TTL-035-50-100V-1
Different:	All have same circuit diagram and PCB, but different in the rated power.
Protection Class:	Class I
Rated Input:	AC 100V, 50/60Hz
Test Model:	TTL-035-50-100V-1
Test voltage:	AC 100V, 50Hz & AC 100V, 60Hz

Note: According to the comparison of the pre-test result under all voltage, only the maximum disturbance between 50Hz and 60Hz will be shown in the report.

5.2 TEST MODE

Mode 1	On, lighting

5.3 DESCRIPTION OF TEST SETUP

The EUT has been tested with associated equipment.

No.	Description	Manufacturer	Specification
1	N/A	N/A	N/A

5.4 MEASURING INSTRUMENT AND SOFTWARE USED

Radiated Emission (30MHz – 1000MHz)					
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Until**
1	EMI Test Receiver	R&S	ESU8	DDT-ZC00514	2025-06-28
2	Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC00522	2025-07-11
3	RE Cable below 1GHz for 1#RE	R&S	ESU8/RF1	DDT-ZC00567	2025-07-08

Radiated Electromagnetic Disturbances					
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Until**
1	EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2025-07-08
2	RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2025-07-08
3	Triple loop Antenna	Everfine	LLA-2	DDT-ZC00526	2025-07-09

Disturbance Voltage					
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal Until**
1	EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2025-07-08
2	Two Line V-Network	R&S	ENV216	DDT-ZC02059	2025-07-08

6 ELECTROMAGNETIC COMPATIBILITY (EMC)

6.1 ELECTROMAGNETIC INTERFERENCE (EMI)

6.1.1 CONDUCTED EMISSION

Test Method:	CISPR 15:2013 + JAPANESE DIFFERENCES (CISPRJ 15 H29)
Detector:	Peak for pre-scan (200 Hz &9kHz Resolution Bandwidth)
	Quasi-Peak if maximized peak within 6dB of Quasi-Peak limit
EUT Operation:	
Ambient:	Temp.: 21.5°C Humid.: 53.2% Press: 101.4kPa
Test Mode:	1
Test Status:	For Main: 100V,60Hz & 100V, 50Hz Pre-scan was performed with peak detected on AC ports, Quasi-peak & average measurements were performed at the frequencies at which maximum peak emission level were detected. Please see the attached Quasi-peak and Average test results.
Limit:	Limits for conducted disturbance at the mains ports

Frequency Range (MHz)	Limit (dBuV)	
	Quasi-peak	Average
0.009-0.05	110	--
0.05-0.15	90 to 80(2)	--
0.15 to 0.50	66 to 56(2)	56 to 46(2)
0.50 to 5	56(3)	46(3)
5 to 30	60	50

Note (1): At the transition frequency, the lower limit applies.
Note (2) The limit decreases linearly with the logarithm of the frequency in the ranges 50 kHz to 150 kHz and 150 kHz to0,5 MHz.
Note(3): For electrodeless lamps and luminaires, the limit in the frequency range of 2,51 MHz to 3,0 MHz is 73 dB(μV) quasi-peak and 63 dB(μV) average.

Limits for conducted disturbance at the local wired ports

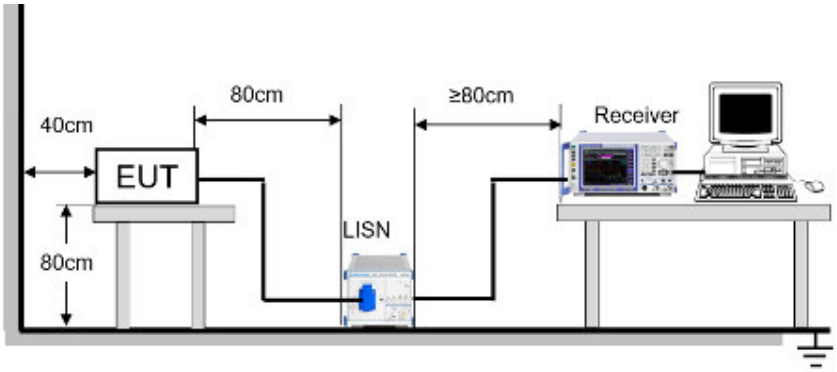
Frequency Range (MHz)	Limit (dBuA)	
	Quasi-peak	Average
0.15 to 0.50	40 to 30	30 to 20
0.50 to 30	30	20

Note 1: At the transition frequency, the lower limit applies.

Limits for conducted disturbance at the wired ports

Frequency Range (MHz)	Limit (dBuA)	
	Quasi-peak	Average
0.15 to 0.50	40 to 30	30 to 20
0.50 to 30	30	20

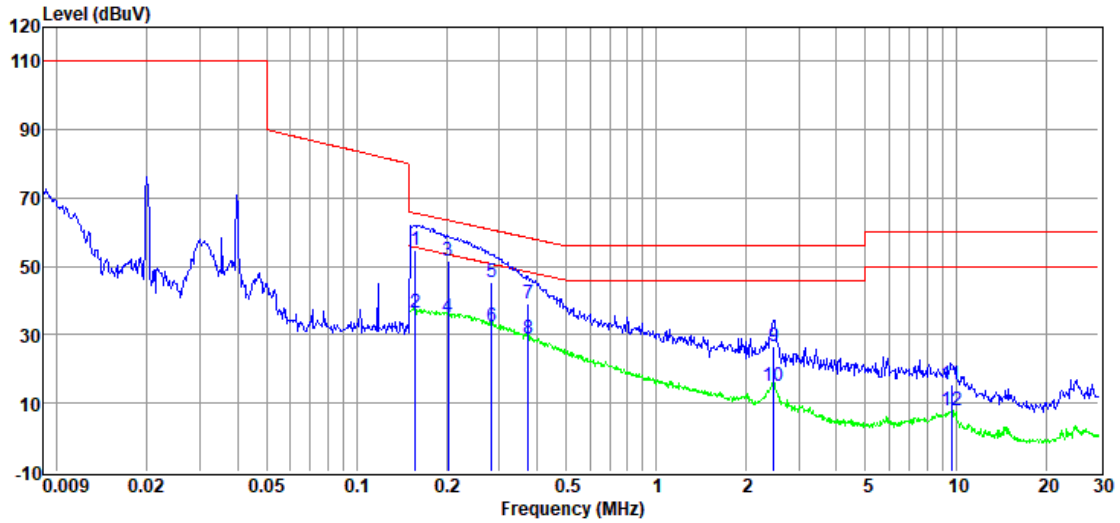
Note 1: The limits decrease linearly with the logarithm of the frequency

	in the range 0,15 MHz to 0,5 MHz. Note 2; The voltage disturbance limits are derived for use with an Asymmetric Artificial Network (AAN) which presents a common mode (asymmetric mode) impedance of 150 Ω to the control terminal.	
Test Setup:		
Test Procedure:	1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane. 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.	

Measurement Data

EUT	: LED Flood Lamp	**Model Number**	: TTL-035-50-100V-1
Power Supply	: AC 100V/50Hz (worst case)	**Test Mode**	: Mode 1
Condition	: Normal	**LISN**	: ENV216 2#/LINE

Data: 2

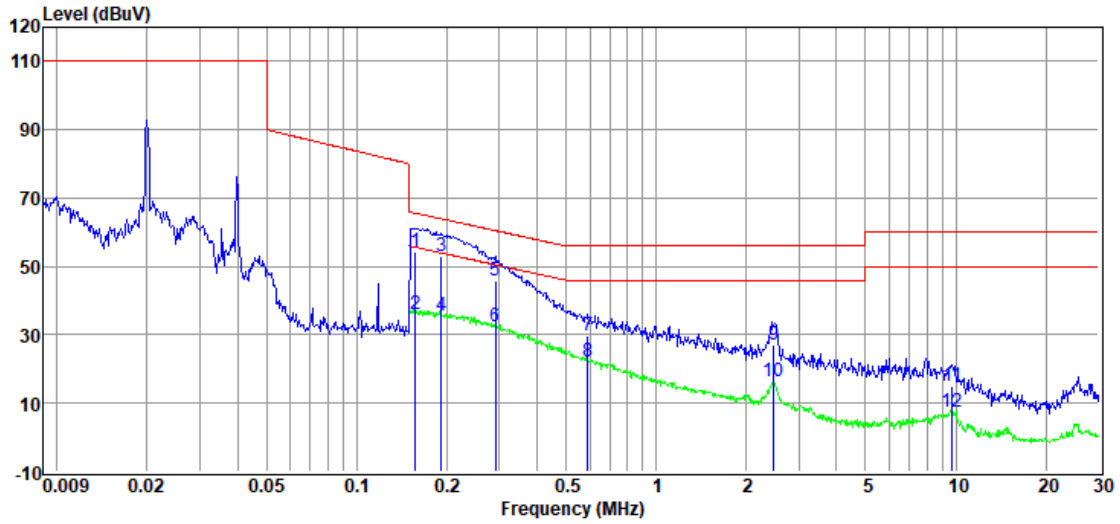


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Over Limit (dB)	Detector	Phase
1	0.16	34.99	9.78	0.07	9.83	54.67	65.60	-10.93	QP	LINE
2	0.16	16.62	9.78	0.07	9.83	36.30	55.60	-19.30	Average	LINE
3	0.20	31.92	9.77	0.06	9.83	51.58	63.54	-11.96	QP	LINE
4	0.20	15.43	9.77	0.06	9.83	35.09	53.54	-18.45	Average	LINE
5	0.28	25.72	9.77	0.06	9.83	45.38	60.76	-15.38	QP	LINE
6	0.28	12.69	9.77	0.06	9.83	32.35	50.76	-18.41	Average	LINE
7	0.37	19.47	9.76	0.08	9.83	39.14	58.43	-19.29	QP	LINE
8	0.37	9.06	9.76	0.08	9.83	28.73	48.43	-19.70	Average	LINE
9	2.47	7.14	9.76	0.11	9.84	26.85	56.00	-29.15	QP	LINE
10	2.47	-4.50	9.76	0.11	9.84	15.21	46.00	-30.79	Average	LINE
11	9.65	-4.42	9.83	0.20	9.88	15.49	60.00	-44.51	QP	LINE
12	9.65	-12.00	9.83	0.20	9.88	7.91	50.00	-42.09	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

EUT	: LED Flood Lamp	**Model Number**	: TTL-035-50-100V-1
Power Supply	: AC 100V/50Hz (worst case)	**Test Mode**	: Mode 1
Condition	: Normal	**LISN**	: ENV216 2#/NEUTRAL

Data: 4



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Over Limit (dB)	Detector	Phase
1	0.16	34.71	9.78	0.07	9.83	54.39	65.60	-11.21	QP	NEUTRAL
2	0.16	16.46	9.78	0.07	9.83	36.14	55.60	-19.46	Average	NEUTRAL
3	0.19	33.27	9.76	0.06	9.83	52.92	63.98	-11.06	QP	NEUTRAL
4	0.19	16.05	9.76	0.06	9.83	35.70	53.98	-18.28	Average	NEUTRAL
5	0.29	26.27	9.76	0.06	9.83	45.92	60.50	-14.58	QP	NEUTRAL
6	0.29	12.77	9.76	0.06	9.83	32.42	50.50	-18.08	Average	NEUTRAL
7	0.59	10.26	9.75	0.09	9.83	29.93	56.00	-26.07	QP	NEUTRAL
8	0.59	2.41	9.75	0.09	9.83	22.08	46.00	-23.92	Average	NEUTRAL
9	2.47	7.25	9.77	0.11	9.84	26.97	56.00	-29.03	QP	NEUTRAL
10	2.47	-3.45	9.77	0.11	9.84	16.27	46.00	-29.73	Average	NEUTRAL
11	9.71	-4.87	9.84	0.21	9.88	15.06	60.00	-44.94	QP	NEUTRAL
12	9.71	-12.63	9.84	0.21	9.88	7.30	50.00	-42.70	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

6.1.2 RADIATED EMISSION

Test Method:	CISPR 15:2013 + JAPANESE DIFFERENCES (CISPRJ 15 H29)
EUT Operation:	
Ambient:	Temp.: 24°C Humid.: 61.6% Press: 100.1kPa
Test Mode:	Mode 1
Test Status:	Pre-scan was performed with peak detected on all ports, Quasi-peak measurements were performed at the frequencies at which maximum peak emission level were detected. Please see the attached Quasi-peak test results.
Receive Setup:	

Frequency range (MHz)	Detector	RBW	VBW
30-1000	Quasi-peak	120kHz	300kHz

Limit:

Frequency	Limit(@3m)	Remark
30MHz-230MHz	40dBuV/m	QP value
230MHz-300MHz	47dBuV/m	QP value

Test Setup:

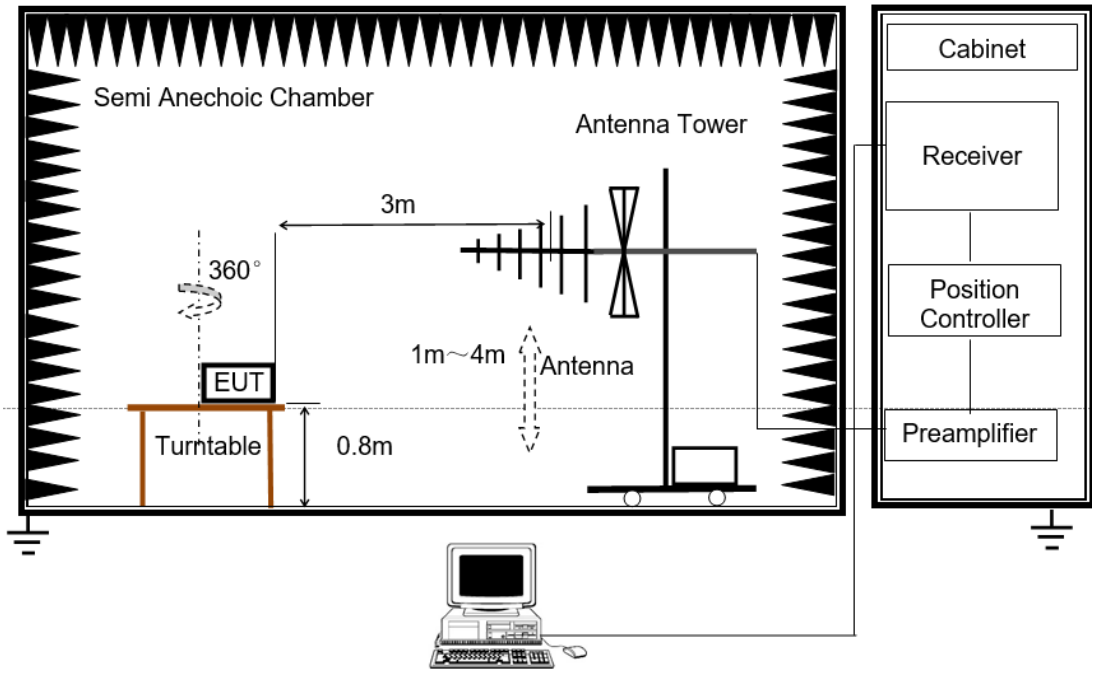


Figure 1. 30MHz to 1000MHz

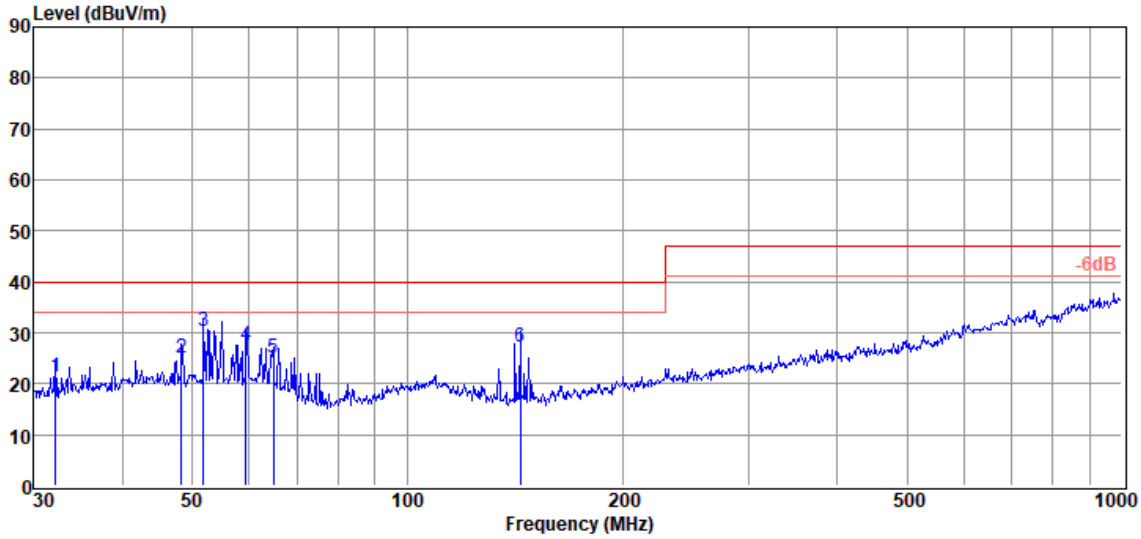
Test Procedure:	1. From 30 MHz to 300MHz test procedure as below: 1) The radiated emissions were tested in a semi-anechoic chamber. 2) The EUT is placed on a turntable, which is 0.8m above ground plane. 3) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. 4) EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions. 5) Maximum procedure was performed on the six highest emissions to ensure EUT compliance. 6) And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. 7) Repeat above procedures until the measurements for all frequencies are complete.

Measurement Data:

30MHz ~ 300MHz

EUT	: LED Flood Lamp	**Model Number**	: TTL-035-50-100V-1
Power Supply	: AC 100V, 50Hz (worst case)	**Test Mode**	: Mode 1
Condition	: Normal	**Antenna/Distance**	: VERTICAL
Memo	:		

Data: 9
Data:
1

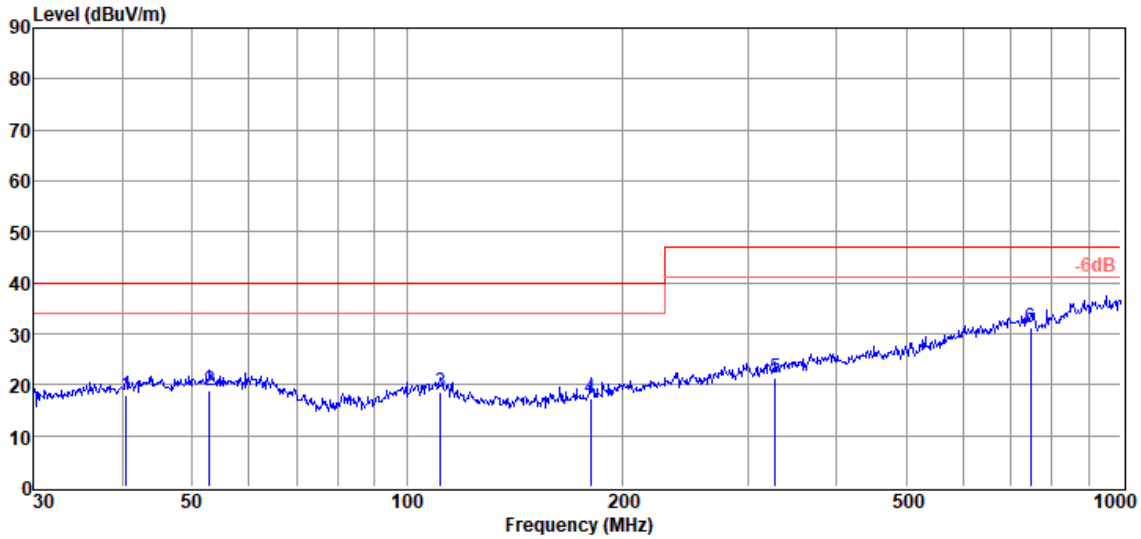


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	32.18	7.13	10.52	3.79	21.44	40.00	-18.56	QP	VERTICAL
2	48.33	8.30	12.60	4.03	24.93	40.00	-15.07	QP	VERTICAL
3	51.84	13.29	13.01	4.07	30.37	40.00	-9.63	QP	VERTICAL
4	59.44	10.80	12.65	4.15	27.60	40.00	-12.40	QP	VERTICAL
5	64.89	8.97	12.00	4.21	25.18	40.00	-14.82	QP	VERTICAL
6	143.83	13.84	8.97	4.45	27.26	40.00	-12.74	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

EUT	: LED Flood Lamp	**Model Number**	: TTL-035-50-100V-1
Power Supply	: AC 100V, 50Hz (worst case)	**Test Mode**	: Mode 1
Condition	: Normal	**Antenna/Distance**	: HORIZONTAL
Memo	:		

Data: 10
Data:
2

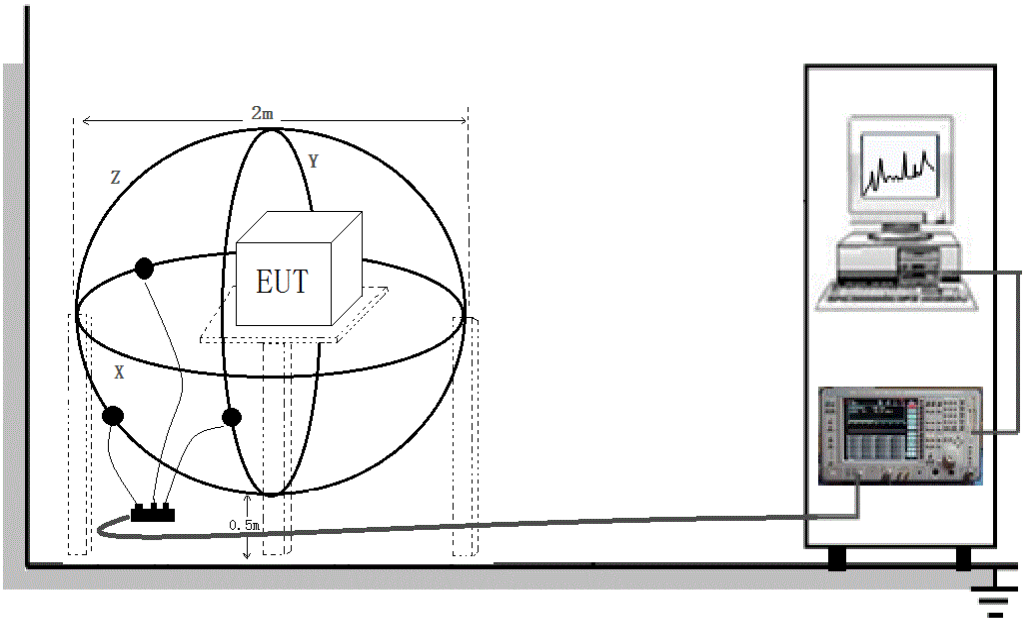


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	40.42	1.85	12.30	3.93	18.08	40.00	-21.92	QP	HORIZONTAL
2	52.95	1.59	13.29	4.09	18.97	40.00	-21.03	QP	HORIZONTAL
3	111.35	2.60	11.43	4.46	18.49	40.00	-21.51	QP	HORIZONTAL
4	180.65	3.14	9.34	4.94	17.42	40.00	-22.58	QP	HORIZONTAL
5	327.89	1.31	14.02	6.01	21.34	47.00	-25.66	QP	HORIZONTAL
6	747.48	2.66	20.40	8.08	31.14	47.00	-15.86	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

6.1.3 RADIATED ELECTROMAGNETIC DISTURBANCES TEST

<table>
<tr><td>Test Method:</td><td>CISPR 15:2013 + JAPANESE DIFFERENCES (CISPRJ 15 H29)</td></tr>
<tr><td>EUT Operation:</td><td></td></tr>
<tr><td>Ambient:</td><td>Temp.: 21.5°C Humid.: 53.2% Press: 101.4kPa</td></tr>
<tr><td>Test Mode:</td><td>Mode 1</td></tr>
<tr><td>Test Status:</td><td>For Main: AC 100V, 50Hz & AC 100V, 60Hz
Additional --
Pre-scan was performed with peak detected on all ports, Quasi-peak measurements were performed at the frequencies at which maximum peak emission level were detected.
Please see the attached Quasi-peak test results.</td></tr>
<tr><td>Receive Setup:</td><td>
<table>
<tr><td>Frequency range (MHz)</td><td>Detector</td><td>RBW</td></tr>
<tr><td>0.009-0.15</td><td>Quasi-peak</td><td>200Hz</td></tr>
<tr><td>0.15-30</td><td>Quasi-peak</td><td>120kHz</td></tr>
</table>
</td></tr>
<tr><td>Limit:</td><td>Table 2a
<table>
<tr><td>Frequency range</td><td>QP limits dB(μA)</td></tr>
<tr><td>9 kHz to 70 kHz</td><td>88</td></tr>
<tr><td>70 kHz to 150 kHz</td><td>88 to 58(1)</td></tr>
<tr><td>150 kHz to 3,0 MHz</td><td>58 to 22(1)</td></tr>
<tr><td>3,0 MHz to 30 MHz</td><td>22</td></tr>
</table>
(1) Decreasing linearly with the logarithm of the frequency. For electrodeless lamps and luminaires, the limit in the frequency range of 2,2 MHz to 3,0 MHz is 58 dB(μA) for 2 m, 51 dB(μA) for 3 m and 45 dB(μA) for 4 mloop diameter.
(2) Increasing linearly with the logarithm of the frequency.</td></tr>
<tr><td>Test Setup:</td><td></td></tr>
</table>

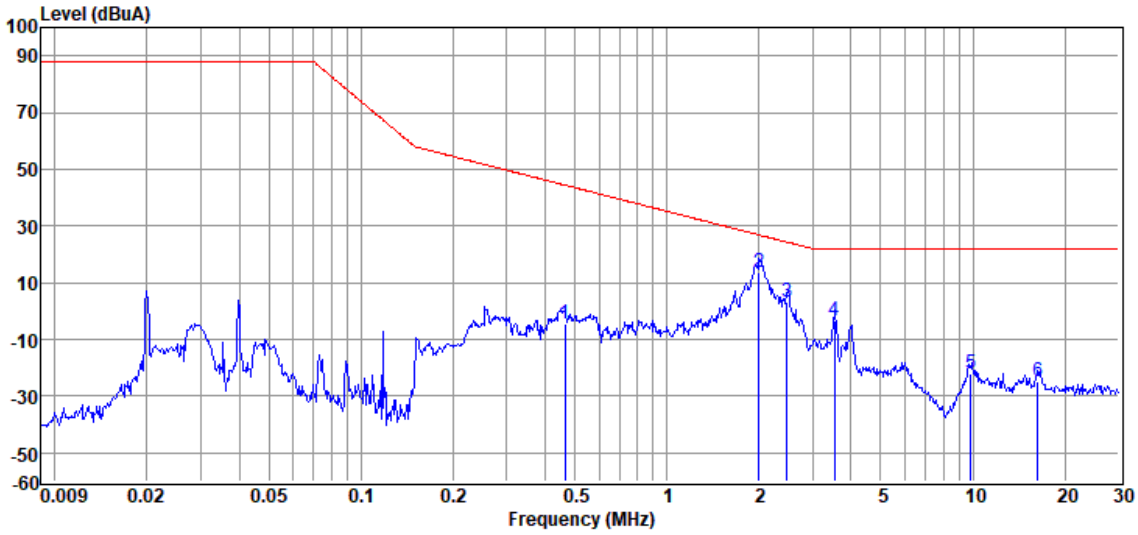


Test Procedure:	1. The magnetic component was measured by means of a loop antenna. The lighting equipment was placed in the centre of the antenna. The position of the mains lead was optimized for maximum current induction. 2. The induced current in the loop antenna was measured by means of a current probe (1 V/A) and the CISPR measuring receiver. During the measurements the EUT remains in a fixed position. By means of a coaxial switch, The currents in the three large loop antennas, originating from the three mutually orthogonal magnetic field components, were measured in sequence. Each value was fulfil the requirements given. 3. There were no special instructions for the supply wiring. 4. The distance between the outer perimeter of the Loop Antenna System and nearby objects, such as floor and walls, was at least 0.5 m. 5. To avoid unwanted capacitive coupling between the EUT and the Loop Antenna System, the maximum dimensions of the EUT allowed a distance of at least 0.20 m between the EUT and the standardized 2 m large loop antennas of the Loop Antenna System.

Measurement Data:

EUT	: LED Flood Lamp	**Model Number**	: TTL-035-50-100V-1
Power Supply	: AC 100V, 60Hz (worst case)	**Test Mode**	: Mode 1
Condition	: Normal	**Antenna**	: LLA-2
Memo	: Z		

Data: 4

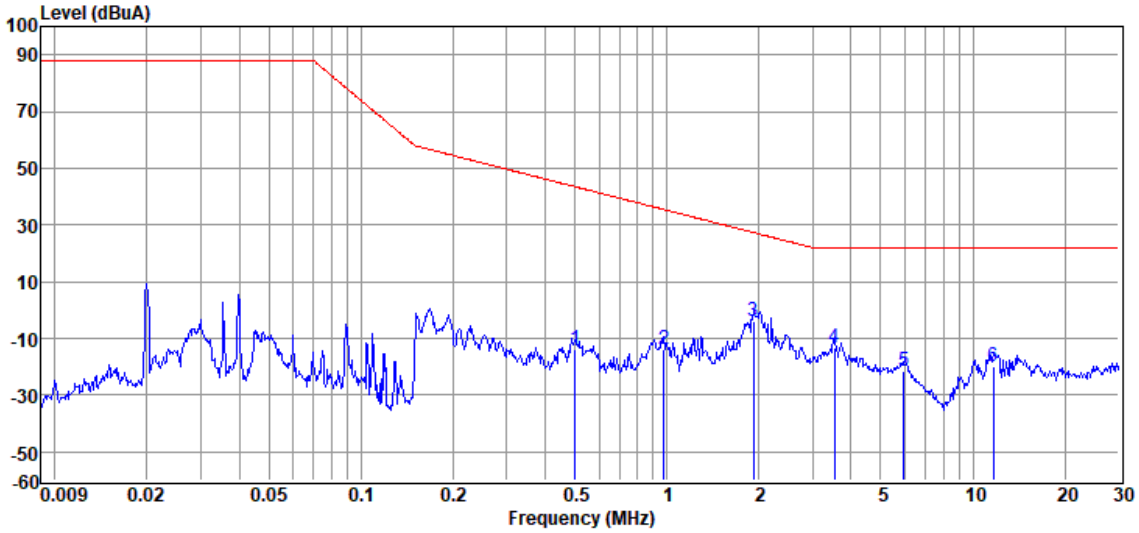


Item (Mark)	Freq. (MHz)	Read Level (dBµA)	Cable Loss (dB)	Antenna Factor (dB/m)	Result Level (dBµA)	Limit Line (dBµA)	Over Limit (dB)	Detector
1	0.46	-25.83	0.10	21.24	-4.49	44.44	-48.93	QP
2	2.00	-8.29	0.11	21.60	13.42	26.87	-13.45	QP
3	2.47	-18.46	0.11	21.72	3.37	24.32	-20.95	QP
4	3.53	-25.52	0.10	21.93	-3.49	22.00	-25.49	QP
5	9.86	-39.45	0.21	16.93	-22.31	22.00	-44.31	QP
6	16.31	-43.37	0.25	18.06	-25.06	22.00	-47.06	QP

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. All emissions not reported below are too low against the prescribed limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

EUT	: LED Flood Lamp	**Model Number**	: TTL-035-50-100V-1
Power Supply	: AC 100V, 60Hz (worst case)	**Test Mode**	: Mode 1
Condition	: Normal	**Antenna**	: LLA-2
Memo	: Y		

Data: 5

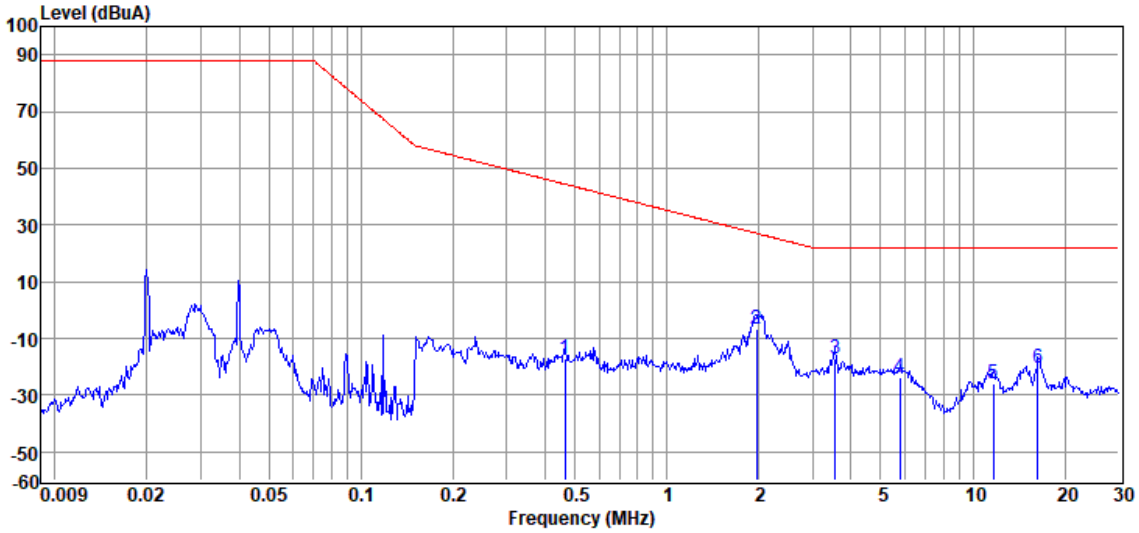


Item (Mark)	Freq. (MHz)	Read Level (dBµA)	Cable Loss (dB)	Antenna Factor (dB/m)	Result Level (dBµA)	Limit Line (dBµA)	Over Limit (dB)	Detector
1	0.50	-35.17	0.11	21.36	-13.70	43.48	-57.18	QP
2	0.98	-35.41	0.11	21.67	-13.63	35.46	-49.09	QP
3	1.92	-25.87	0.11	21.61	-4.15	27.38	-31.53	QP
4	3.53	-36.09	0.10	22.50	-13.49	22.00	-35.49	QP
5	5.96	-45.49	0.13	23.98	-21.38	22.00	-43.38	QP
6	11.68	-40.54	0.22	20.71	-19.61	22.00	-41.61	QP

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. All emissions not reported below are too low against the prescribed limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

EUT	: LED Flood Lamp	**Model Number**	: TTL-035-50-100V-1
Power Supply	: AC 100V, 60Hz (worst case)	**Test Mode**	: Mode 1
Condition	: Normal	**Antenna**	: LLA-2
Memo	: X		

Data: 6



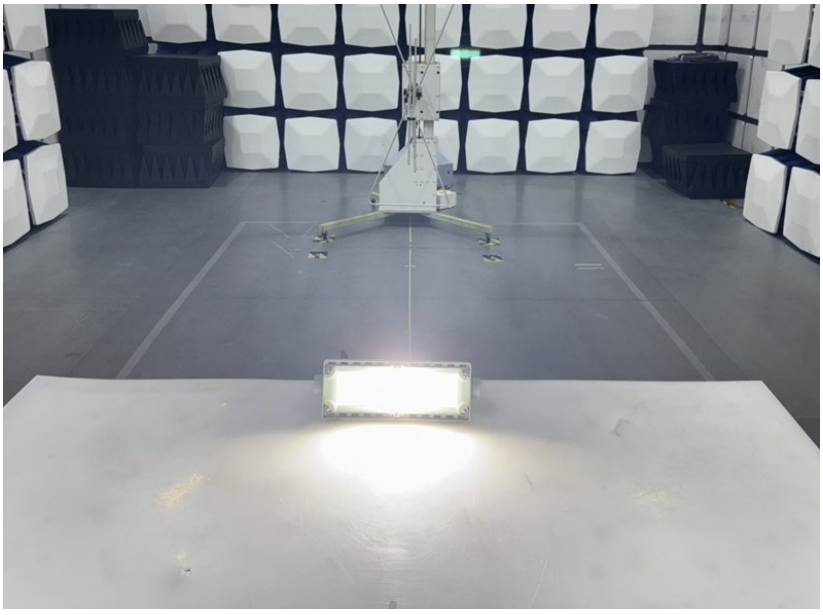
Item (Mark)	Freq. (MHz)	Read Level (dBµA)	Cable Loss (dB)	Antenna Factor (dB/m)	Result Level (dBµA)	Limit Line (dBµA)	Over Limit (dB)	Detector
1	0.46	-38.43	0.10	21.20	-17.13	44.44	-61.57	QP
2	1.96	-27.83	0.11	21.21	-6.51	27.12	-33.63	QP
3	3.55	-38.99	0.10	21.86	-17.03	22.00	-39.03	QP
4	5.77	-46.56	0.12	22.91	-23.53	22.00	-45.53	QP
5	11.68	-43.79	0.22	17.43	-26.14	22.00	-48.14	QP
6	16.31	-38.54	0.25	17.72	-20.57	22.00	-42.57	QP

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. All emissions not reported below are too low against the prescribed limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

7 PHOTOGRAPHS OF EMC TEST CONFIGURATION & INTERNAL and EXTERNAL

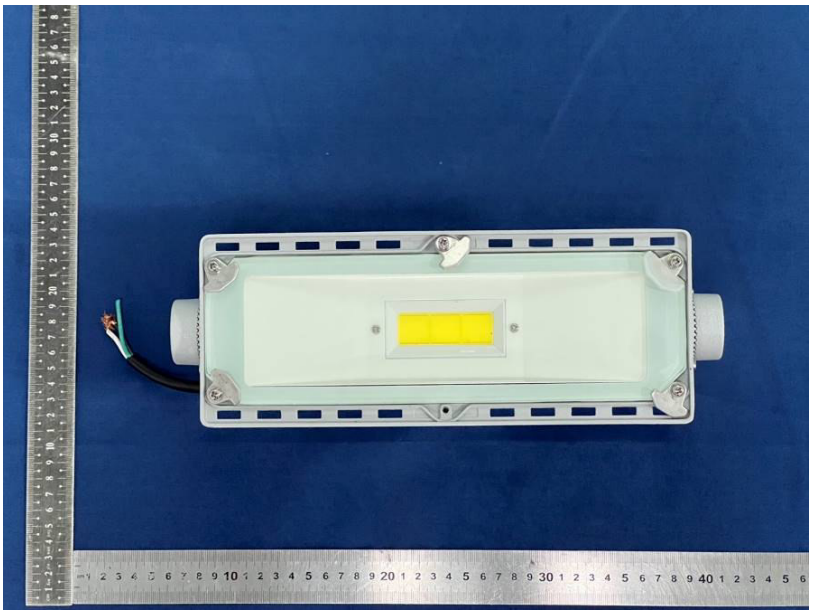
7.1 RADIATED ELECTROMAGNETIC DISTURBANCES TEST SETUP

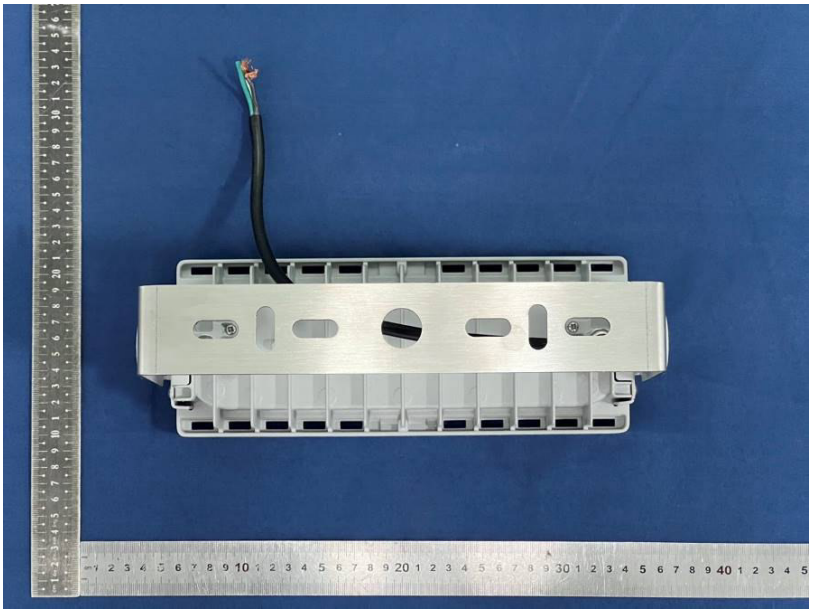
7.2 RADIATED EMISSION TEST SETUP

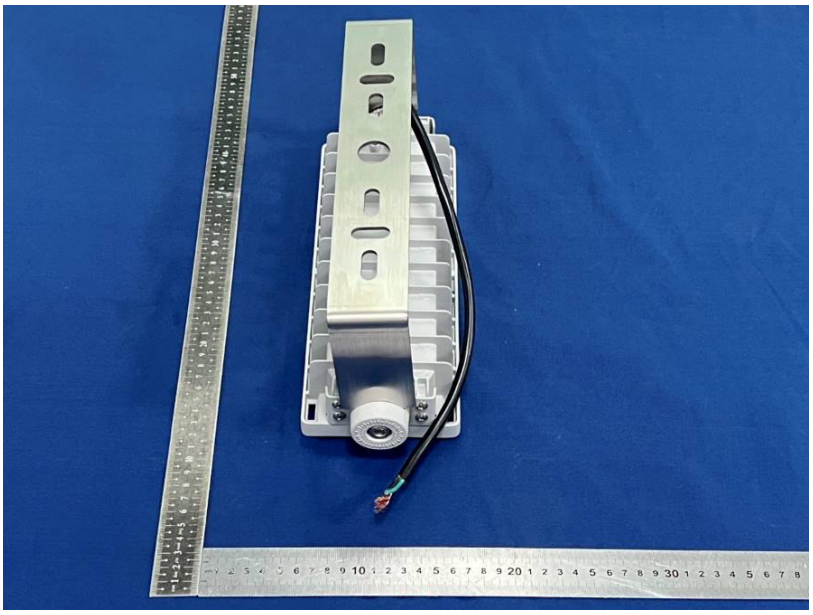


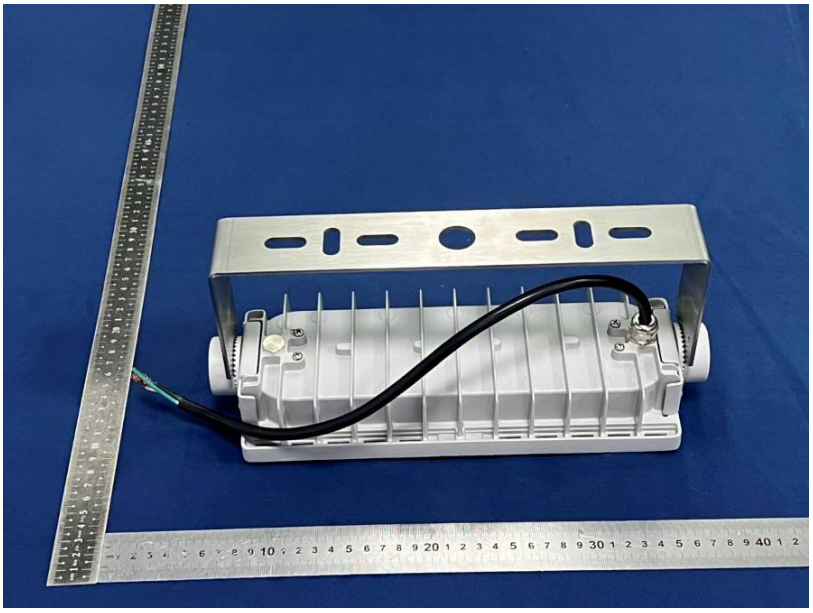
7.3 CONDUCTED EMISSION TEST SETUP

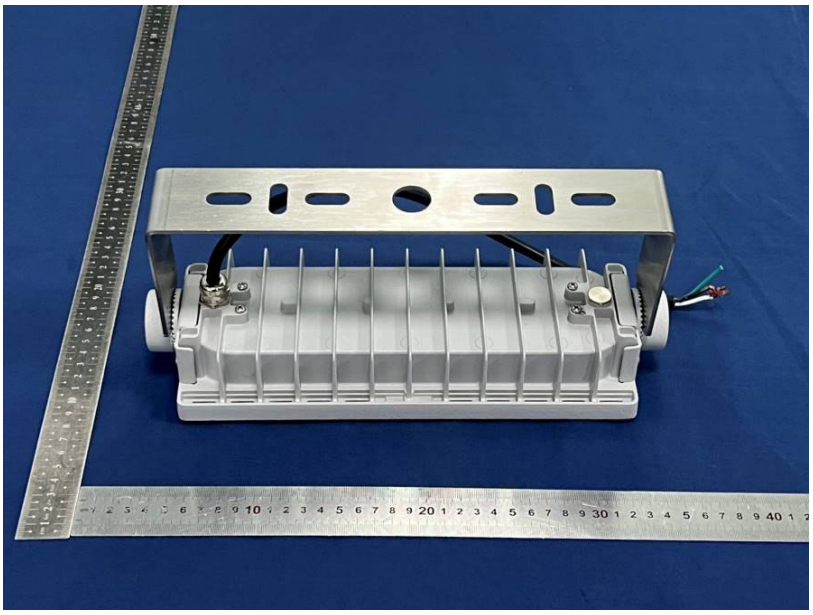
7.4 INTERNAL and EXTERNAL

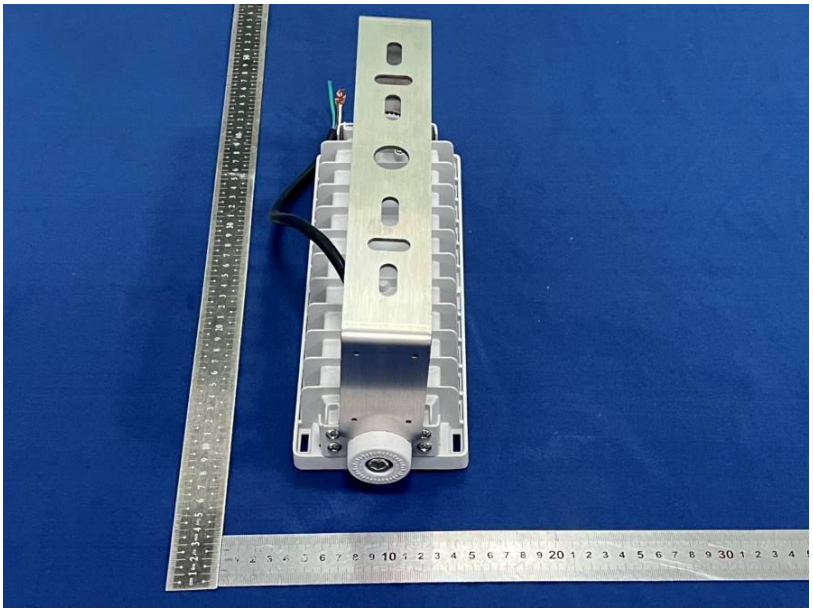












END OF REPORT