

## TEST REPORT

|                                 |  |
|---------------------------------|--|
| <b>Applicant:</b>               | ARTIKA FOR LIVING INC.   |
| <b>Address of Applicant:</b>    | 1756 50th Avenue Lachine, Quebec H8T 2V5 Canada.   |
| <b>Manufacturer:</b>            | ZHONGSHAN MATAI TECHNOLOGY CO.,LTD   |
| <b>Address of Manufacturer:</b> | No. 12, Fuqing 2nd Road, Yongxing Industrial Zone, Henglan Town, Zhongshan City, Guangdong, China      |
| <b>Product name:</b>            | LED Ceiling Mounted Luminaire  |
| <b>Model:</b>                   | PDT1-AM5C-XXXXXXXXX("-XXXXXXXXXX" represent A to Z and/or 0 to 9 and/or blank, means commercial code). |
| <b>Rating(s):</b>               | AC120V, 60Hz, 12W.   |
| <b>Trademark:</b>               | ARTIKA   |
| <b>Standards:</b>               | FCC Part15 subpart B: 2021   |
| <b>FCC ID:</b>                  | 2AUHG-PDT-AM5C   |
| <b>Date of Receipt:</b>         | 2023-06-06   |
| <b>Date of Test:</b>            | 2023-06-06~2023-07-05  |
| <b>Date of Issue:</b>           | 2023-07-05   |
| <b>Test Result</b>              | <b>Pass*</b>   |

\* In the configuration tested, the test item complied with the standards specified above.

**Authorized for issue by:**

**Test by:**

Jul.05, 2023 Chivas Tsang  
Project Engineer

Date Name/Position Signature

**Reviewed by:**

Jul.05, 2023 Victor Meng  
Project Manager

Date Name/Position Signature



This report is for the exclusive use of ITL's client and is provided pursuant to the agreement between ITL assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the ITL name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by ITL. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an ITL certification program. The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.

**Testing Laboratory information:**

Testing Laboratory Name .....: ITL Co., LTD  
Address .....: No.8, Jinqianling Street 5, Huangjiang, Dongguan, Guangdong, China.  
Testing location .....: Same as above  
Tel.....: 0086-769-39001678  
Fax.....: 0086-20-62824387  
E-mail.....: itl@i-testlab.com

**Possible test case verdicts:**

- test case does not apply to the test object...: N/A
- test object does meet the requirement .....: P (Pass)
- test object does not meet the requirement...: F (Fail)

**General remarks:**

**The test results presented in this report relate only to the object tested.**

**The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.**

This report would be invalid test report without all the signatures of testing technician and approver.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

**General product information:**

All modes are identical to each other except for the model.

All tests were performed on the model PDT1-AM5C-HD2BW as representatives.

**Test Summary:**

The following standards have been applied to ensure the product conforms with the protection requirements of the council directive FCC part 15B.

| <b>Electromagnetic Emissions</b> |                      |                    |                       |               |
|----------------------------------|----------------------|--------------------|-----------------------|---------------|
| <b>Test Item</b>                 | <b>Test Standard</b> | <b>Test Method</b> | <b>Class/Severity</b> | <b>Result</b> |
| Conducted Emission(0.15-30MHz)   | FCC part 15.107      | ANSI C63.4:2014    | Class B               | PASS          |
| Radiated Emission(30-1000MHz)    | FCC part 15.109      | ANSI C63.4:2014    | Class B               | PASS          |

**Test Facility**

The test facility is recognized, certified, or accredited by the following organizations:

- **CNAS Lab code:L9342**
- **FCC Designation No.:CN5035**
- **IC Registration NO.: 12593A**
- **NVLAP LAB CODE: 600199-0**

**Test Location:**

All the tests were performed in ITL Co., LTD. Where is located at at No.8, Jinqianling Street 5, Huangjiang, Dongguan, Guangdong, China.

Tel: 0086-769-39001678, Fax: 0086-20-62824387

No test is subcontracted

---

**TABLE OF CONTENTS**

|  |    |
|--|----|
| <i>TEST REPORT</i> .....   | 1  |
| Test Summary: .....  | 3  |
| Test Facility .....  | 3  |
| Test Location: .....   | 3  |
| Section 1 General Information and Equipment Used .....           | 5  |
| 1.1 Client Information.....                                      | 5  |
| 1.2 EUT General and Technical Descriptions .....                 | 5  |
| 1.3 Support Equipment(s) and Test Configuration .....            | 5  |
| 1.3.1 Details of Support Equipment(s) .....                      | 5  |
| 1.3.2 Working State of EUT .....                                 | 5  |
| 1.3.3 Block Diagram of Test Configuration .....                  | 5  |
| 1.4 Equipment Used during Test .....                             | 6  |
| Section 2 Emission Test Results .....                            | 7  |
| 2.1 Conducted Emission at Mains Terminals, 150 kHz to 30MHz..... | 7  |
| 2.1.1 E.U.T. Operation.....                                      | 7  |
| 2.1.2 Test Setup and Procedure .....                             | 8  |
| 2.1.3 Measurement Data .....                                     | 8  |
| 2.2 Radiated Emissions, 30MHz to 1GHz .....                      | 11 |
| 2.2.1 E.U.T. Operation.....                                      | 11 |
| 2.2.2 Test Setup and Procedure .....                             | 12 |
| 2.2.3 Measurement Data .....                                     | 13 |
| Section 3 Photographs .....                                      | 15 |
| 3.1 Conducted Emissions Mains Terminals Test Setup .....         | 15 |
| 3.2 Radiated Emissions, 30MHz to 1GHz Test Setup.....            | 15 |
| 3.3 EUT Constructional Details .....                             | 16 |

---

**Section 1 General Information and Equipment Used****1.1 Client Information**

Applicant: ARTIKA FOR LIVING INC.  
Address of Applicant: 1756 50th Avenue Lachine, Quebec H8T 2V5 Canada.

**1.2 EUT General and Technical Descriptions**

EUT Name: LED Ceiling Mounted Luminaire  
EUT Model: PDT1-AM5C-HD2BW.  
EUT Trademark: ARTIKA  
Input Voltage: 120V~  
Frequency: 60Hz  
Input Power/Current: 12W.  
Output rated: /  
Power Cable Description: /  
Other Cables Description: /  
I/O Ports: /  
Function(s) Description: /  
Accessories information: /

**1.3 Support Equipment(s) and Test Configuration****1.3.1 Details of Support Equipment(s)**

| Description | Manufacturer | Model No. | Connection | Working state |
|-------------|--------------|-----------|------------|---------------|
| /           | /            | /         | /          | /             |
|             |              |           |            |               |
|             |              |           |            |               |
|             |              |           |            |               |

**1.3.2 Working State of EUT**

Power Supply of EUT: 120V~ 60Hz  
EUT Status: Pre-test the EUT in On Mode with each mode to find the worst case, Compliance test the EUT in On Mode with brightest white light as the worst case was found.

**1.3.3 Block Diagram of Test Configuration**

/

### 1.4 Equipment Used during Test

| Conducted Emission |                   |              |         |            |            |            |
|--------------------|-------------------|--------------|---------|------------|------------|------------|
| No.                | Test Equipment    | Manufacturer | Model   | Serial No. | Last Cal.  | Cal. Due   |
| DGITL-303a         | EMI Test receiver | R&S          | ESCI    | 100910     | 2023.04.07 | 2024.04.07 |
| DGITL-304          | L.I.S.N.#1        | R&S          | ESH3-Z5 | 100272     | 2023.04.07 | 2024.04.07 |
| DGITL-302          | Shielded Room     | ETS•Lindgren | 8*4*3   | CT09010    | 2020.08.03 | 2023.08.03 |
| DGITL-316          | Pulse Limiter     | R&S          | ESH3-Z2 | 100327     | 2023.04.07 | 2024.04.07 |

| Radiated Emission |                       |                      |             |               |            |            |
|-------------------|-----------------------|----------------------|-------------|---------------|------------|------------|
| No.               | Test Equipment        | Manufacturer         | Model       | Serial No.    | Last Cal.  | Cal. Due   |
| DGITL- 301        | Semi-Anechoic chamber | ETS•Lindgren         | 9*6*6       | CT000874-1181 | 2020.08.03 | 2023.08.03 |
| DGITL- 307        | EMI test receiver     | R&S                  | ESVS10      | 833616 /003   | 2023.04.07 | 2024.04.07 |
| DGITL- 306        | Spectrum Analyzer     | Agilent Technologies | N9010A      | MY54200334    | 2023.04.07 | 2024.04.07 |
| DGITL- 308        | Bilog Antenna         | ETS•Lindgren         | 3142E       | 156975        | 2023.05.14 | 2025.05.14 |
| DGITL- 352        | Pre Amplifier         | MInI-CIrcuits        | ZFC-1000 HX | SN292801110   | 2023.04.07 | 2024.04.07 |

This report is for the exclusive use of ITL's client and is provided pursuant to the agreement between ITL assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the ITL name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by ITL. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an ITL certification program. The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.

## Section 2 Emission Test Results

### 2.1 Conducted Emission at Mains Terminals, 150 kHz to 30MHz

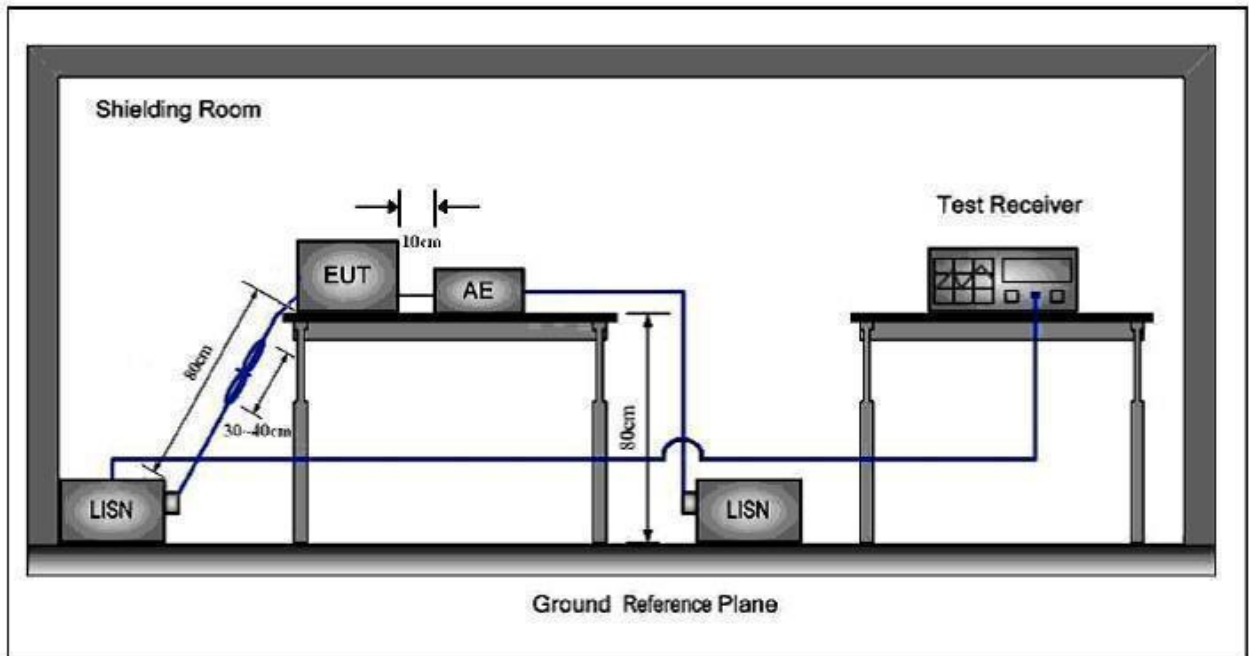
Test Requirement: FCC part 15.107  
 Test Method: ANSI C63.4:2014  
 Test Voltage: 120V AC, 60Hz  
 Frequency Range: 150 kHz to 30MHz  
 Detector: Peak for pre-scan  
                   Quasi-Peak and Average at frequency with maximum peak  
                   (9 kHz resolution bandwidth)  
 Uncertainty: 2Uc (V) = 2.3dB  
 Class / Limit: Class B

| Frequency range<br>MHz   | Class B Limits<br>dB (µV) |          |
|--|---------------------------|----------|
|  | Quasi-peak                | Average  |
| 0.15 to 0.50   | 66 to 56                  | 56 to 46 |
| 0.50 to 5  | 56                        | 46       |
| 5 to 30  | 60                        | 50       |
| NOTE 1 :The limit decreases linearly with the logarithm of the frequency in the range<br>0.15 MHz to 0.50 MHz. |                           |          |
| NOTE 2: The lower limit is applicable at the transition frequency.   |                           |          |

#### 2.1.1 E.U.T. Operation

Operating Environment:  
 Temperature: 25.0 °C      Humidity: 49 % RH      Atmospheric Pressure: 101 kPa  
 EUT Operation: Pre-test the EUT in On Mode with each mode to find the worst case, Compliance  
                   test the EUT in On Mode with brightest white light as the worst case was found.

## 2.1.2 Test Setup and Procedure



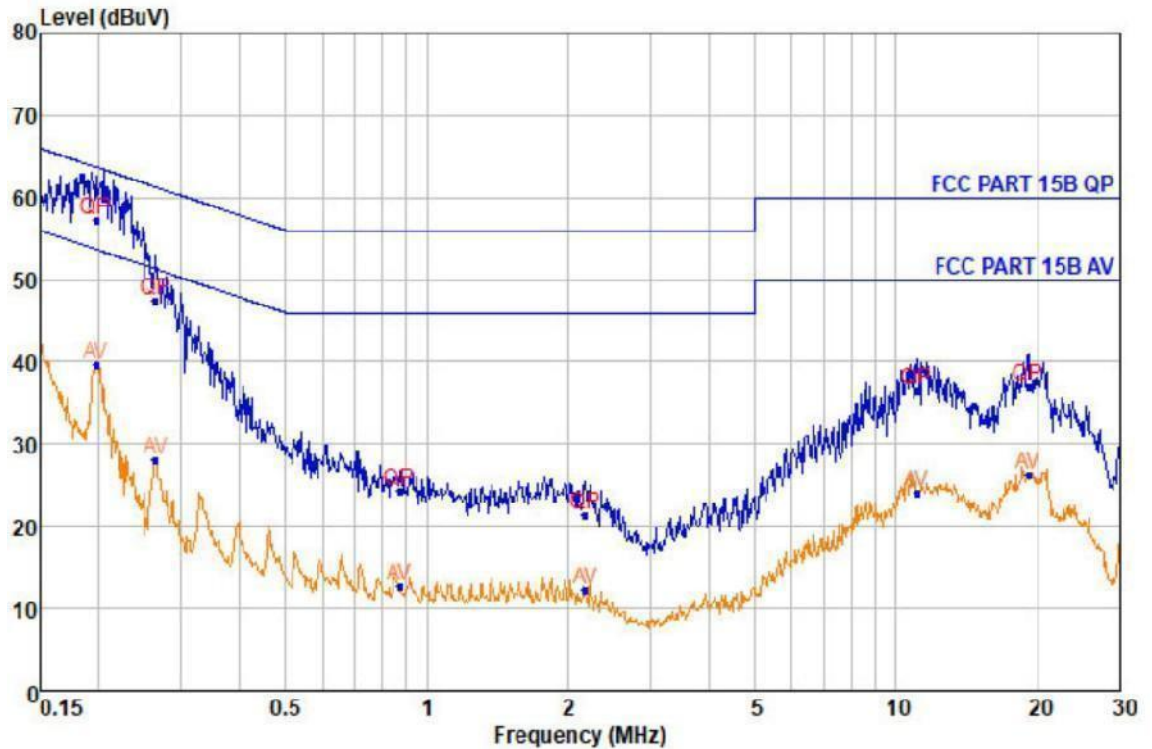
1. The mains terminal disturbance voltage test was conducted in a shielded room.
2. The EUT was connected to nominal power supply through a LISN 1 (Line Impedance Stabilization Network) which provides a  $50\Omega/50\mu\text{H}+5\Omega$  linear impedance. The power cables of all other units of the EUT 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, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
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 LISN1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

## 2.1.3 Measurement Data

Pre-scan was performed with peak detected on both live and neutral cable. Quasi-peak & average measurements were performed at the frequencies which maximum peak emission level was detected. Please see the attached Quasi-peak and Average test results.



Live Line:  
 Peak Scan:  
 Level (dBμV)



Quasi-peak and Average measurement

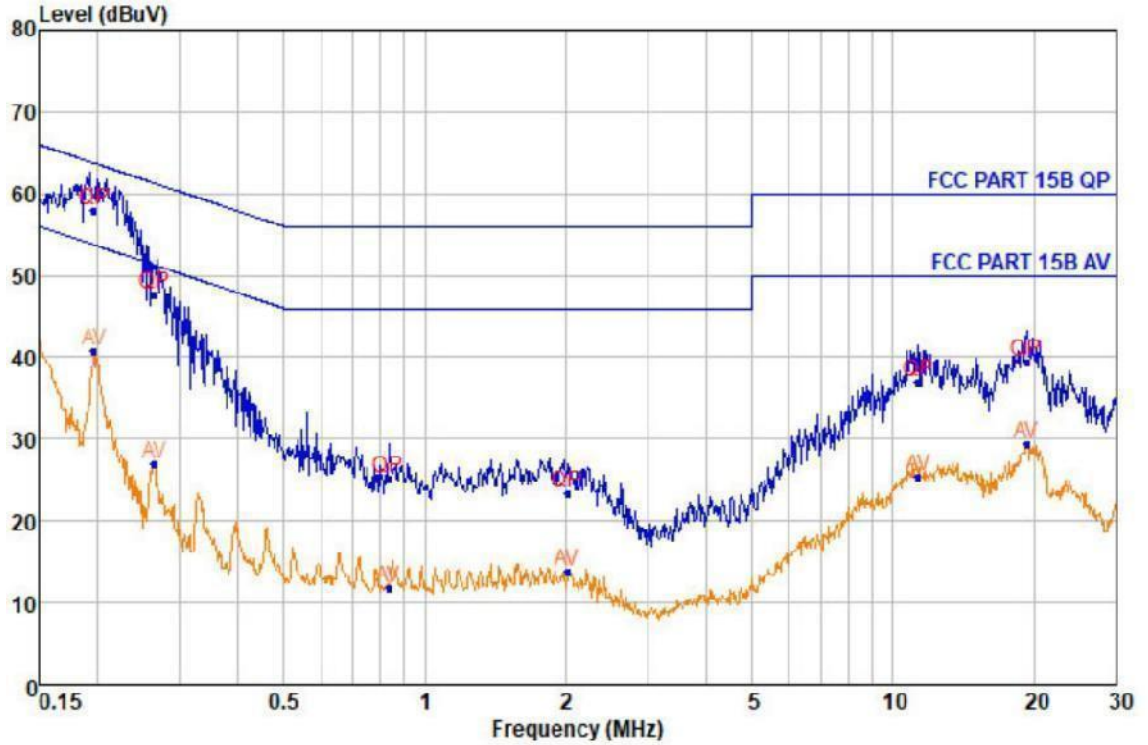
| NO. | Freq MHz | Level dBμV | Remark  | LISN Factor dB | Cable Loss dB | Limit Line dBμV | Over Limit dB |
|-----|----------|------------|---------|----------------|---------------|-----------------|---------------|
| 1   | 0.198    | 57.30      | QP      | 10.05          | 0.22          | 63.71           | -6.41         |
| 2   | 0.198    | 39.60      | Average | 10.05          | 0.22          | 53.71           | -14.11        |
| 3   | 0.264    | 47.54      | QP      | 10.03          | 0.23          | 61.29           | -13.75        |
| 4   | 0.264    | 28.08      | Average | 10.03          | 0.23          | 51.29           | -23.21        |
| 5   | 0.874    | 24.34      | QP      | 10.01          | 0.30          | 56.00           | -31.66        |
| 6   | 0.874    | 12.77      | Average | 10.01          | 0.30          | 46.00           | -33.23        |
| 7   | 2.174    | 21.39      | QP      | 9.98           | 0.35          | 56.00           | -34.61        |
| 8   | 2.174    | 12.24      | Average | 9.98           | 0.35          | 46.00           | -33.76        |
| 9   | 11.052   | 36.49      | QP      | 9.87           | 0.44          | 60.00           | -23.51        |
| 10  | 11.052   | 24.12      | Average | 9.87           | 0.44          | 50.00           | -25.88        |
| 11  | 19.079   | 36.89      | QP      | 9.37           | 0.47          | 60.00           | -23.11        |
| 12  | 19.079   | 26.27      | Average | 9.37           | 0.47          | 50.00           | -23.73        |

This report is for the exclusive use of ITL's client and is provided pursuant to the agreement between ITL assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the ITL name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by ITL. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an ITL certification program. The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.

**Neutral Line:**

Peak Scan:

Level (dB  $\mu$  V)



Quasi-peak and Average measurement

| N0. | Freq MHz | Level dBuV | Remark  | LISN Factor dB | Cable Loss dB | Limit Line dBuV | Over Limit dB |
|-----|----------|------------|---------|----------------|---------------|-----------------|---------------|
| 1   | 0.197    | 58.01      | QP      | 9.94           | 0.22          | 63.76           | -5.75         |
| 2   | 0.197    | 40.79      | Average | 9.94           | 0.22          | 53.76           | -12.97        |
| 3   | 0.264    | 47.59      | QP      | 9.95           | 0.23          | 61.29           | -13.70        |
| 4   | 0.264    | 26.99      | Average | 9.95           | 0.23          | 51.29           | -24.30        |
| 5   | 0.838    | 25.13      | QP      | 9.93           | 0.30          | 56.00           | -30.87        |
| 6   | 0.838    | 11.73      | Average | 9.93           | 0.30          | 46.00           | -34.27        |
| 7   | 2.018    | 23.48      | QP      | 9.91           | 0.35          | 56.00           | -32.52        |
| 8   | 2.018    | 13.87      | Average | 9.91           | 0.35          | 46.00           | -32.13        |
| 9   | 11.298   | 36.98      | QP      | 9.66           | 0.44          | 60.00           | -23.02        |
| 10  | 11.298   | 25.43      | Average | 9.66           | 0.44          | 50.00           | -24.57        |
| 11  | 19.278   | 39.45      | QP      | 9.61           | 0.47          | 60.00           | -20.55        |
| 12  | 19.278   | 29.46      | Average | 9.61           | 0.47          | 50.00           | -20.54        |

This report is for the exclusive use of ITL's client and is provided pursuant to the agreement between ITL assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the ITL name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by ITL. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an ITL certification program. The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.

## 2.2 Radiated Emissions, 30MHz to 1GHz

|                      |   |
|----------------------|---|
| Test Requirement:    | FCC part 15.109   |
| Test Method:         | ANSI C63.4:2014   |
| Test Voltage:        | 120V AC, 60Hz   |
| Frequency Range:     | 30MHz to 1GHz   |
| Measurement Distance | 3m  |
| Detector:            | Peak for pre-scan<br>Quasi-Peak if maximised peak within 6dB of limit<br>(120 kHz resolution bandwidth) |
| Uncertainty:         | $2U_c (V) = 3.35dB$   |
| Class / Limit:       | Class B   |

| Frequency range<br>MHz                              | Quasi-peak limits<br>dB (μV/m) |
|---|--------------------------------|
| 30 to 88  | 40                             |
| 88 to 216   | 43.5                           |
| 216 to 960  | 46                             |
| 960 to 1000   | 54                             |
| At transitional frequencies the lower limit applies |                                |

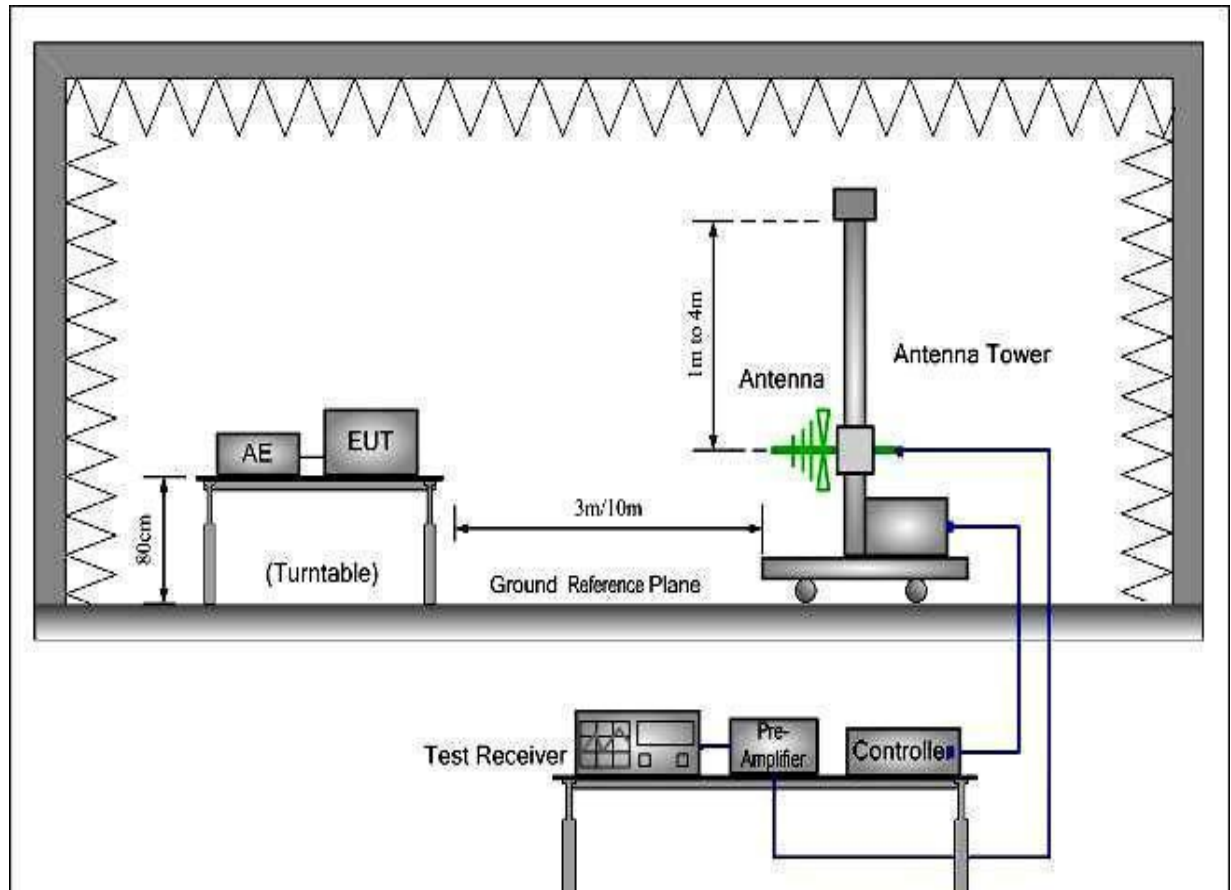
### 2.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25.0 °C      Humidity: 49 % RH      Atmospheric Pressure: 101 kPa

EUT Operation: Pre-test the EUT in On Mode with each mode to find the worst case, Compliance test the EUT in On Mode with brightest white light as the worst case was found.

## 2.2.2 Test Setup and Procedure



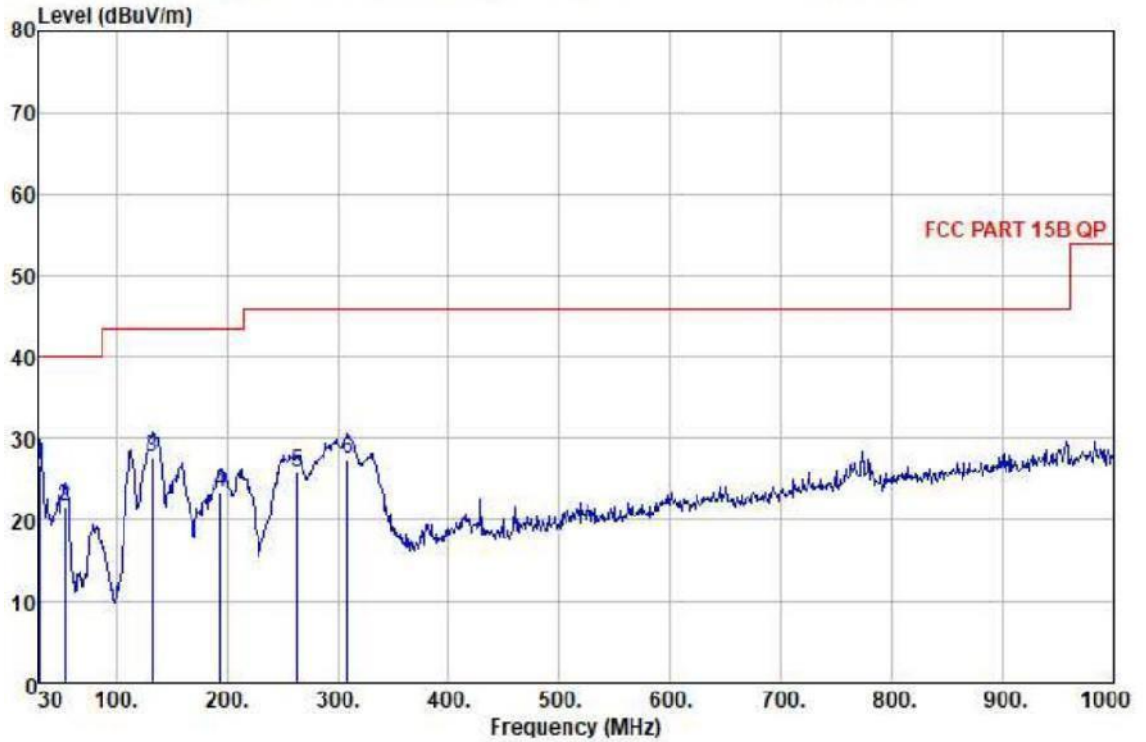
1. The radiated emissions test was conducted in a semi-anechoic chamber.
2. Biconical and log periodic antenna was used for the frequency range from 30MHz to 1GHz
3. The EUT was connected to nominal power supply through a mains power outlet which was bonded to the ground reference plane; The mains cables were draped to the ground reference plane. 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, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
4. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emissions spectrum plots of the EUT.
5. The frequencies of maximum emission were determined in the final radiated emissions measurement. At each frequency, the EUT was rotated 360° , and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.

### 2.2.3 Measurement Data

Horizontal:

Peak scan

Level (dBuV/m)



Quasi-peak measurement

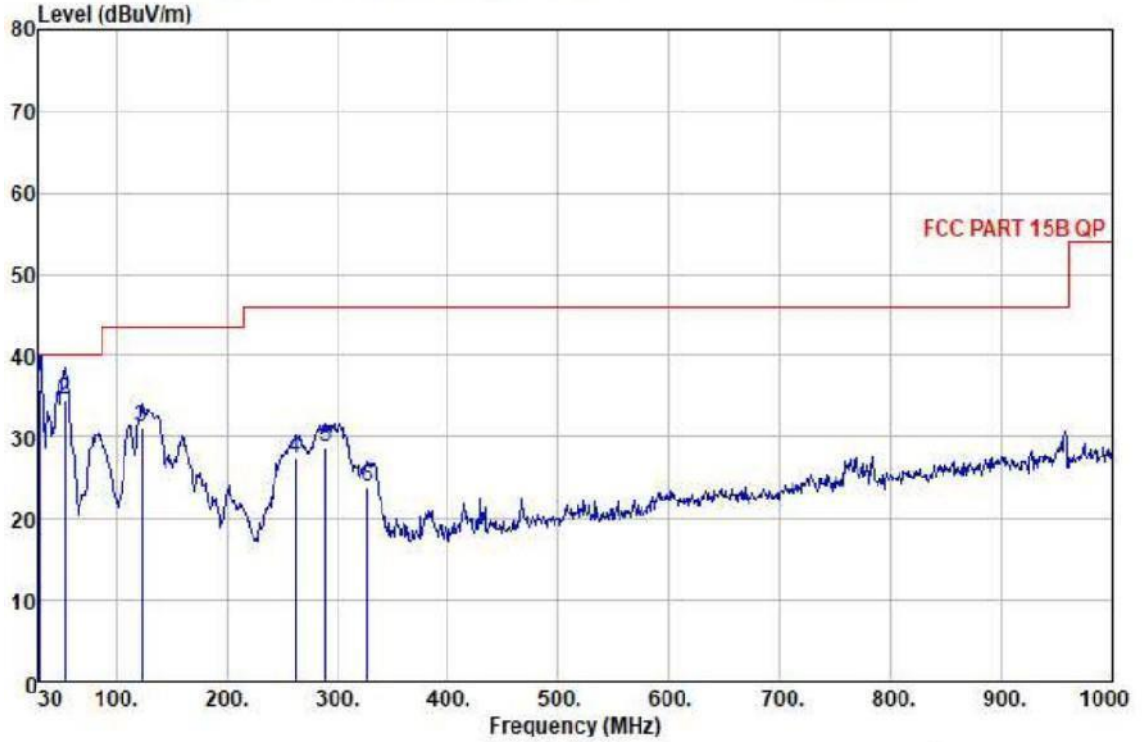
| No. | Freq<br>MHz | Read<br>Level<br>dBuV | Antenna<br>Factor<br>dB | Cable<br>Loss<br>dB | Preamp<br>Factor<br>dB | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Poi/Phase  | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|--------|
| 1   | 31.940      | 33.13                 | 21.52                   | 0.65                | 28.54                  | 26.76           | 40.00                   | -13.24              | HORIZONTAL | QP     |
| 2   | 54.250      | 43.14                 | 6.04                    | 0.84                | 28.42                  | 21.60           | 40.00                   | -18.40              | HORIZONTAL | QP     |
| 3   | 132.820     | 46.14                 | 8.53                    | 1.37                | 28.34                  | 27.70           | 43.50                   | -15.80              | HORIZONTAL | QP     |
| 4   | 194.900     | 39.70                 | 9.67                    | 1.68                | 27.75                  | 23.30           | 43.50                   | -20.20              | HORIZONTAL | QP     |
| 5   | 263.770     | 38.22                 | 13.16                   | 1.98                | 27.45                  | 25.91           | 46.00                   | -20.09              | HORIZONTAL | QP     |
| 6   | 309.360     | 39.36                 | 13.52                   | 2.16                | 27.56                  | 27.48           | 46.00                   | -18.52              | HORIZONTAL | QP     |

**Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor**

This report is for the exclusive use of ITL's client and is provided pursuant to the agreement between ITL assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the ITL name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by ITL. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an ITL certification program. The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.



**Vertical:**  
 Peak scan  
 Level (dBμV/m)



Quasi-peak measurement

| No. | Freq<br>MHz | Read<br>Level<br>dBμV | Antenna<br>Factor<br>dB | Cable<br>Loss<br>dB | Preamp<br>Factor<br>dB | Level<br>dBμV/m | Limit<br>Line<br>dBμV/m | Over<br>Limit<br>dB | Pol/Phase | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|-----------|--------|
| 1   | 31.940      | 42.29                 | 21.52                   | 0.65                | 28.54                  | 35.92           | 40.00                   | -4.08               | VERTICAL  | QP     |
| 2   | 54.250      | 56.00                 | 6.04                    | 0.84                | 28.42                  | 31.46           | 40.00                   | -5.54               | VERTICAL  | QP     |
| 3   | 123.120     | 49.15                 | 9.11                    | 1.32                | 28.47                  | 31.11           | 43.50                   | -12.39              | VERTICAL  | QP     |
| 4   | 262.800     | 39.68                 | 13.15                   | 1.98                | 27.49                  | 27.32           | 46.00                   | -18.68              | VERTICAL  | QP     |
| 5   | 289.960     | 40.91                 | 13.26                   | 2.08                | 27.50                  | 28.75           | 46.00                   | -17.25              | VERTICAL  | QP     |
| 6   | 327.790     | 35.22                 | 13.94                   | 2.21                | 27.48                  | 23.89           | 46.00                   | -22.11              | VERTICAL  | QP     |

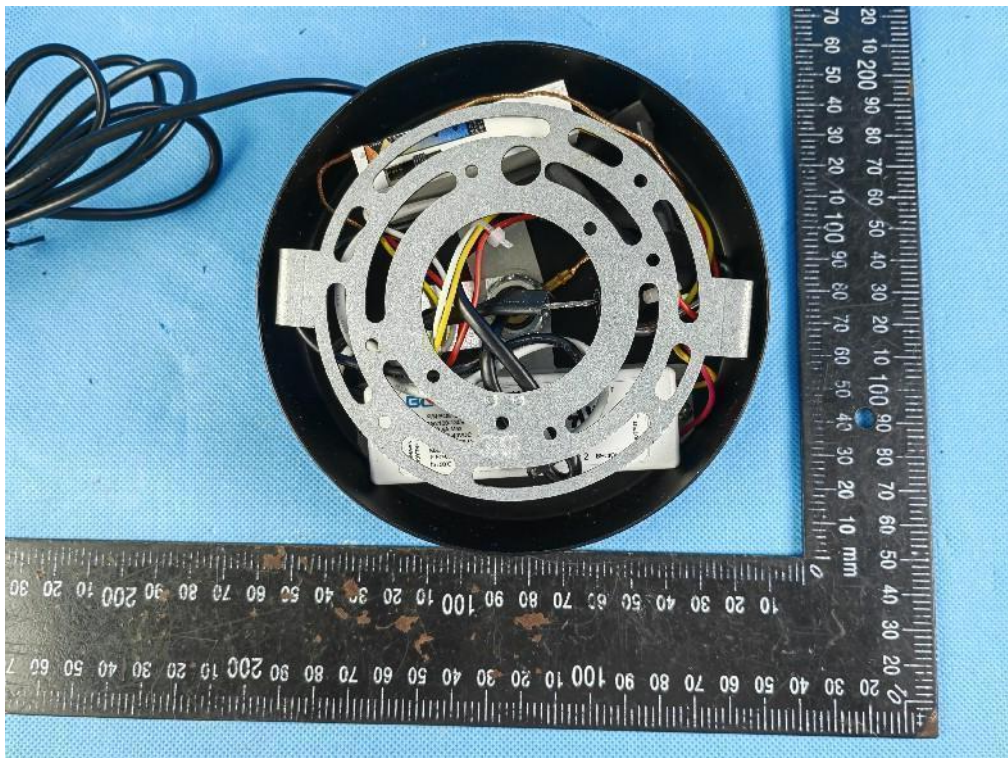
**Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor**

---

**Section 3 Photographs****3.1 Conducted Emissions Mains Terminals Test Setup****3.2 Radiated Emissions, 30MHz to 1GHz Test Setup**



---

**3.3 EUT Constructional Details**

---

This report is for the exclusive use of ITL's client and is provided pursuant to the agreement between ITL and its client. ITL assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the ITL name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by ITL. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an ITL certification program. The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.



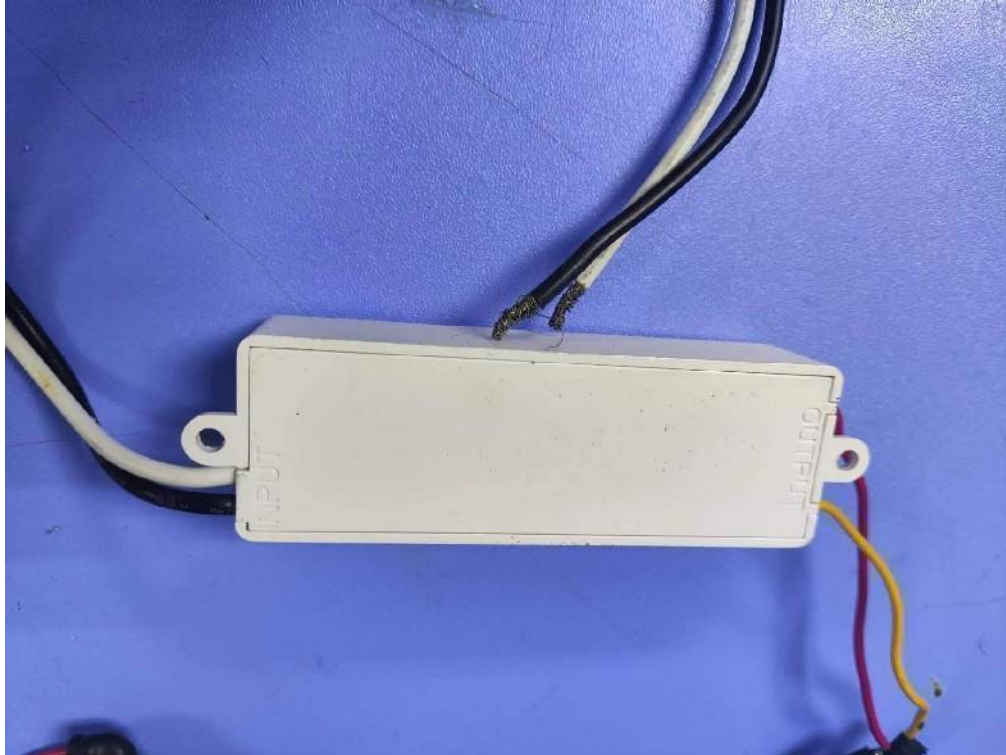


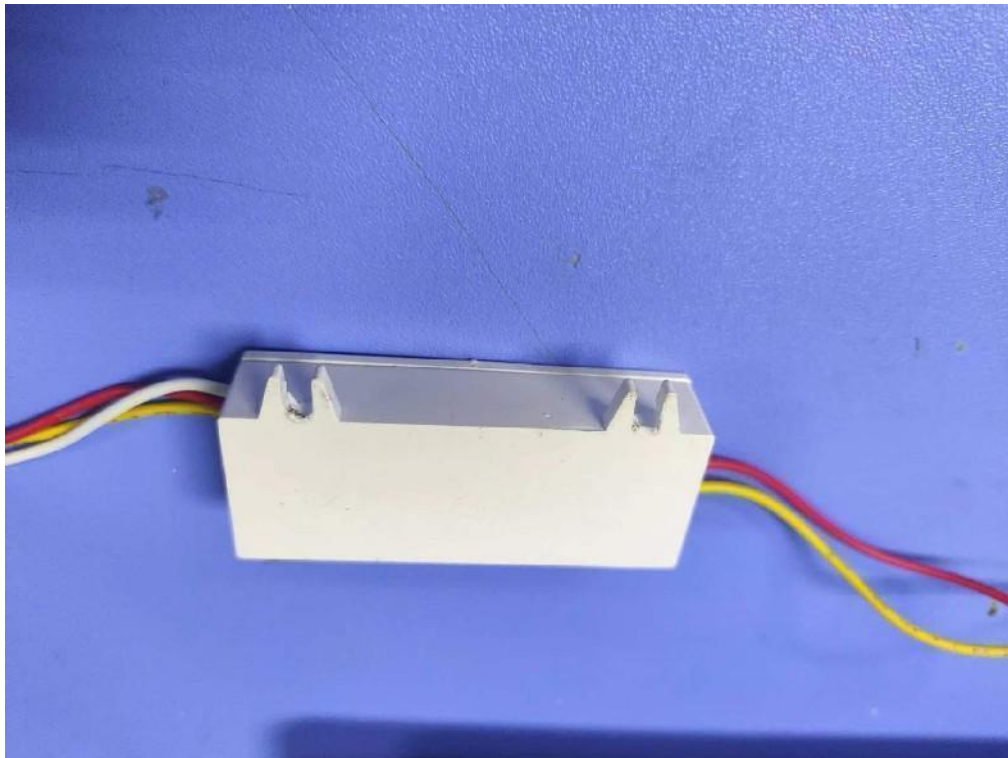
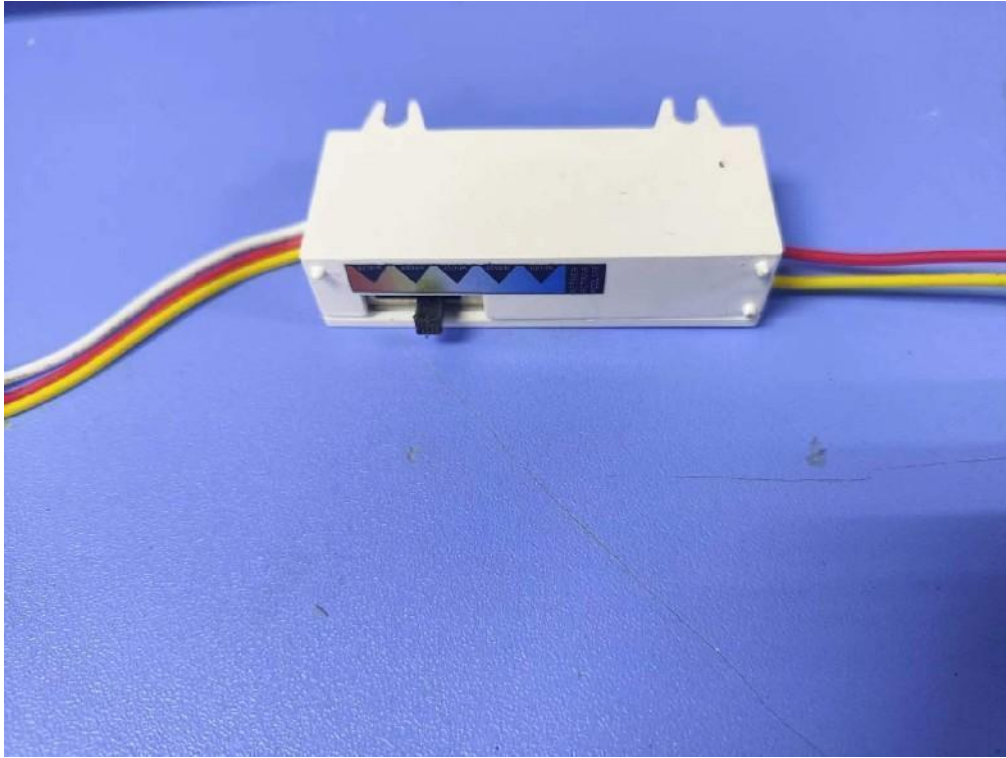
This report is for the exclusive use of ITL's client and is provided pursuant to the agreement between ITL assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the ITL name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by ITL. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an ITL certification program. The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.



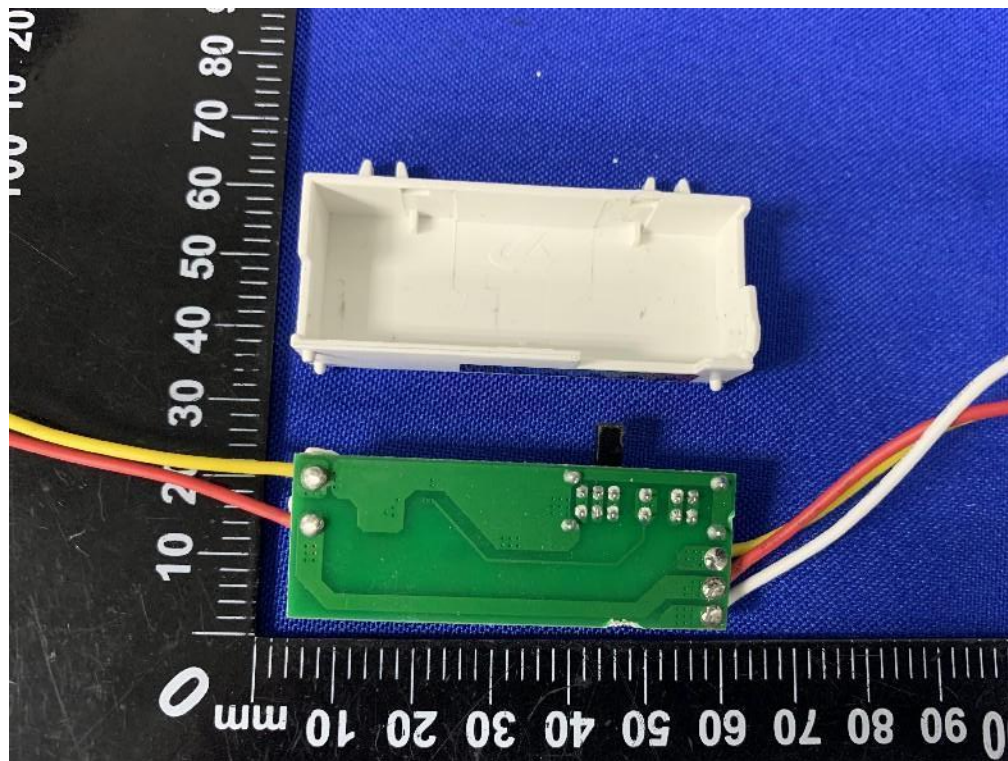
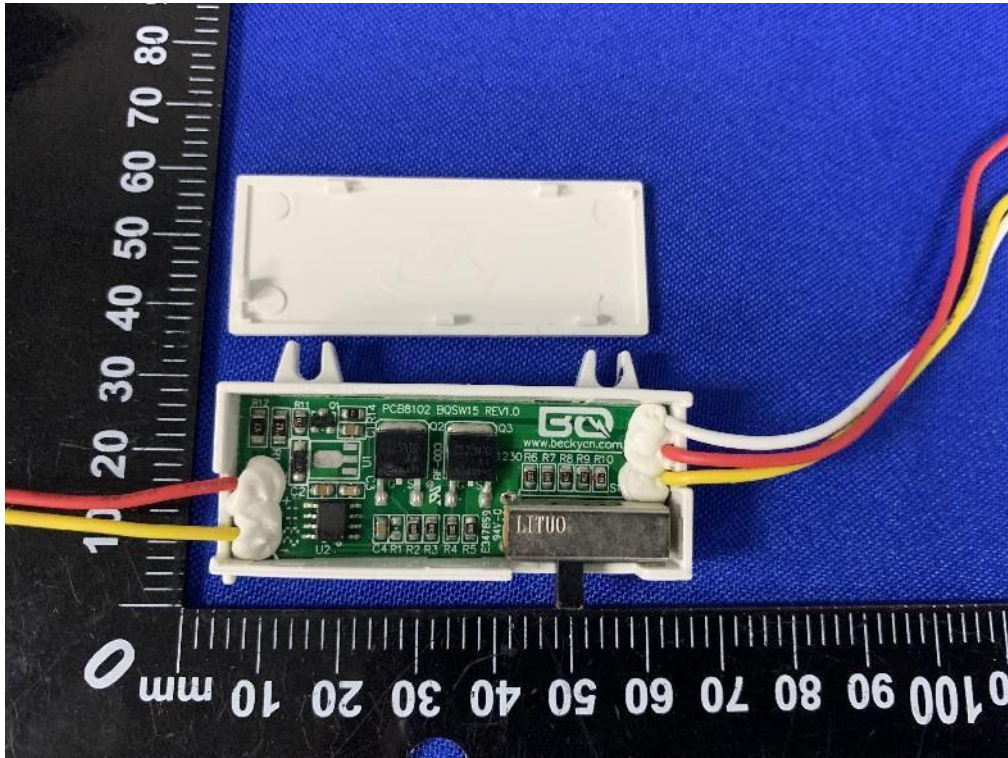
This report is for the exclusive use of ITL's client and is provided pursuant to the agreement between ITL assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the ITL name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by ITL. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an ITL certification program. The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.



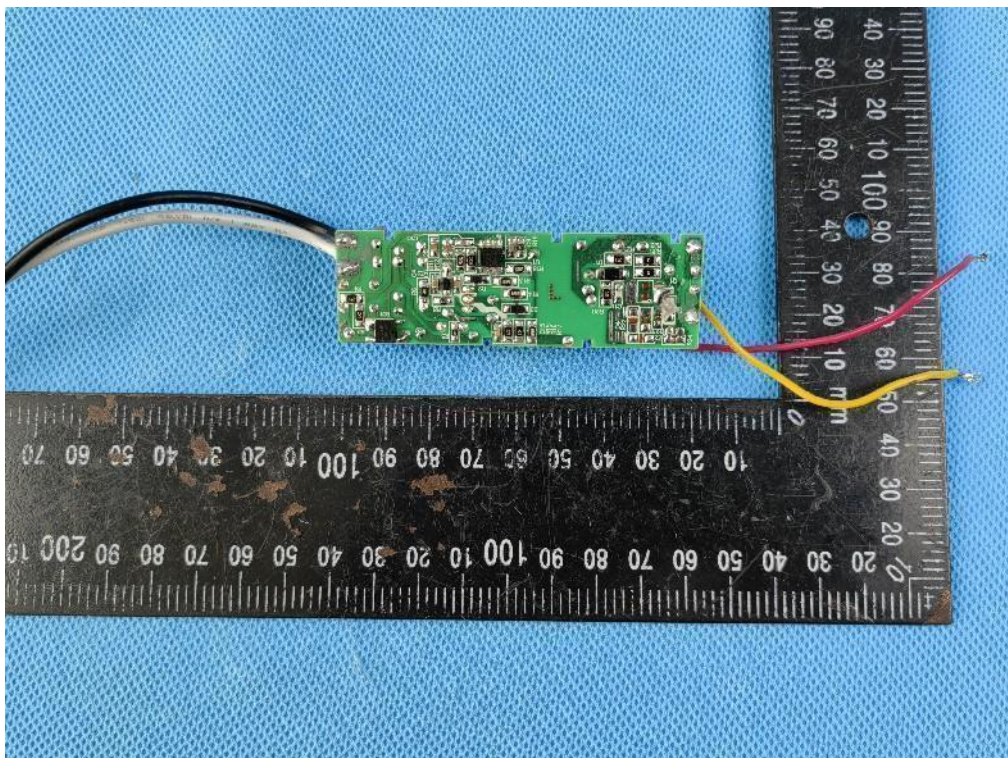
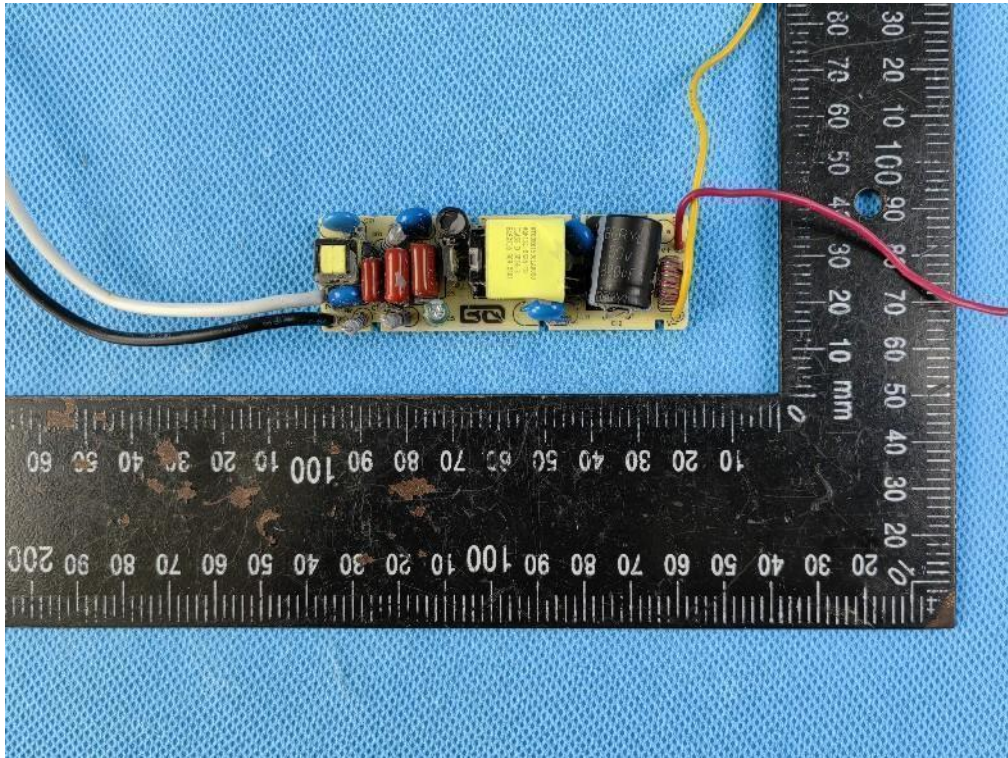












END OF THE TEST REPORT