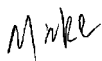



|                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                          |                                                                                     |             |             |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|-------------|---------------------------------------------------------------------------------------|
| <b>Test Report Number:</b>                                                                                                                                                                                                                                                                                                                                                    | <b>LCZE16030027</b>                                                                                                                                      |                                                                                     |             |             |                                                                                       |
| <b>Applicant Name:</b>                                                                                                                                                                                                                                                                                                                                                        | Energy Recovery Products (Zhuhai) Co.,Ltd                                                                                                                |                                                                                     |             |             |                                                                                       |
| <b>Applicant Address:</b>                                                                                                                                                                                                                                                                                                                                                     | F building No.8,Pingdong Road 2, Nanping Science Park,<br>Zhuhai, Guangdong China 519060                                                                 |                                                                                     |             |             |                                                                                       |
| <b>Test item:</b>                                                                                                                                                                                                                                                                                                                                                             | Dimmable LED Driver                                                                                                                                      |                                                                                     |             |             |                                                                                       |
| <b>Model / Type Reference:</b>                                                                                                                                                                                                                                                                                                                                                | See section 4.2 ratings and system details                                                                                                               |                                                                                     |             |             |                                                                                       |
| <b>Date of Issue:</b>                                                                                                                                                                                                                                                                                                                                                         | 2016-07-19                                                                                                                                               |                                                                                     |             |             |                                                                                       |
| <b>Testing Laboratory:</b>                                                                                                                                                                                                                                                                                                                                                    | LCTECH (Zhongshan) Testing Service Co.,Ltd<br>2/F.,Technology and Enterprise Development Center, Guangyuan<br>Road, Xiaolan, Zhongshan, Guangdong, China |                                                                                     |             |             |                                                                                       |
| <b>Test Specification:</b>                                                                                                                                                                                                                                                                                                                                                    | FCC PART 15 Subpart B:2015                                                                                                                               |                                                                                     |             |             |                                                                                       |
| <b>Test Result:</b>                                                                                                                                                                                                                                                                                                                                                           | Passed                                                                                                                                                   |                                                                                     |             |             |                                                                                       |
| <b>Compiled by:</b>                                                                                                                                                                                                                                                                                                                                                           | <b>Reviewed by:</b>                                                                                                                                      |                                                                                     |             |             |                                                                                       |
| 2016-07-19                                                                                                                                                                                                                                                                                                                                                                    | Mike                                                                                                                                                     |  | 2016-07-19  | Gordon Xie  |  |
| <i>Date</i>                                                                                                                                                                                                                                                                                                                                                                   | <i>Name</i>                                                                                                                                              | <i>Signature</i>                                                                    | <i>Date</i> | <i>Name</i> | <i>Signature</i>                                                                      |
| <b>Remark:</b>                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                          |                                                                                     |             |             |                                                                                       |
| N/A                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                          |                                                                                     |             |             |                                                                                       |
| <p>The duplication of this report or parts of it and its use for advertising purposes is only allowed with permission of the testing laboratory. This report contains the result of the examination of the product sample submitted by the applicant. A general statement concerning the quality of the products from the series manufacture cannot be derived therefore.</p> |                                                                                                                                                          |                                                                                     |             |             |                                                                                       |



## TEST SUMMARY

- 5.1 MAINS TERMINAL CONTINUOUS DISTURBANCE VOLTAGE  
RESULT: Pass
- 5.2 RADIATED EMISSION  
RESULT: Pass

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## 1 General Remarks

When applying the basic standards in this test report, please refer to the applied generic or product family standards for edition information:  
For dated basic standards, only the edition cited applies. For undated basic standards, the latest edition (including any amendments) applies.

### 1.1 Complementary Materials

Constructional Data form

## 2 Measurement Uncertainty

| Test Item                                | Uncertainty           |
|------------------------------------------|-----------------------|
| Uncertainty for Conduction emission test | 3.26dB                |
| Uncertainty for Radiation Emission test  | 3.14 dB (Polarize: V) |
|                                          | 3.16 dB (Polarize: H) |

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

## 3 Test Sites

### 3.1 Test Facilities

#### A. LCTECH (Zhongshan) Testing Service Co.,Ltd

Add: 2/F., Technology and Enterprise Development Center, Guangyuan Road, Xiaolan, Zhongshan, Guangdong, China

CNAS Registration Number: L3337

FCC Registration Number: 899311

Industry Canada site registration number: 12114A-1

### 3.2 Testing

Date of receipt of test item : 2016-03-16

Date (s) of performance of tests : 2016-07-04

LCTECH (Zhongshan) Testing Service Co.,Ltd  
Add: 2/F., Technology and Enterprise Development Center,  
Guangyuan Road, Xiaolan, Zhongshan, Guangdong, China

Tel: +86-760-22833366

Fax: +86-760-22833399

E-mail: [Service@lccert.com](mailto:Service@lccert.com)

<http://www.lccert.com>



### 3.3 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

| Item                       | Test Equipment              | Manufacturer          | Model No. | Serial No. | Cal.Date<br>(yyyy-mm-dd) | Cal.Due date<br>(yyyy-mm-dd)        |
|----------------------------|-----------------------------|-----------------------|-----------|------------|--------------------------|-------------------------------------|
| <b>Radiated Emission</b>   |                             |                       |           |            |                          | <input checked="" type="checkbox"/> |
| 1                          | EMI Test Receiver           | R&S                   | ESCI 7    | 100965     | 2015-09-08               | 2016-09-08                          |
| 2                          | Log-periodic Dipole Antenna | Schwarzbeck           | VULB 9162 | 058        | 2016-01-29               | 2017-01-28                          |
| 3                          | Pre-Amplifier               | SCHWARZBECK           | BBV9743   | 9743-143   | 2016-01-29               | 2017-01-28                          |
| 4                          | 3m Semi-anechoic            | Zhongshuo Electronics | 9mx6mx6m  | N/A        | 2016-01-29               | 2017-01-28                          |
| <b>Disturbance Voltage</b> |                             |                       |           |            |                          | <input checked="" type="checkbox"/> |
| 5                          | EMI Test Receiver           | Rohde&Schwarz         | ESCI      | 100939     | 2015-08-29               | 2016-08-28                          |
| 6                          | Artificial Mains Network    | Rohde&Schwarz         | ENV216    | 3560655012 | 2015-08-29               | 2016-08-28                          |
| 7                          | Shield Room                 | ZhongYu Eletron       | 8X5X3.5   | N/A        | 2015-08-29               | 2016-08-28                          |
| 8                          | Conducted Emission Software | FALA                  | EZ-EMC    | N/A        | N/A                      | N/A                                 |

☐: Not Used

☒: Used

## 4 General Product Information

According to the declaration from the applicant, this report covers the model as below: See section 4.2 ratings and system details. These models have the same internal configuration and PCB layout, the difference of these models was power, Therefore only one model ESP060W-1400-42 was fully tested in the report.

1. PP designate: If  $20W < P_{out} < 30W$ , PP=30, If  $30W \leq P_{out} < 40W$ , PP=40, If  $40W \leq P_{out} < 51W$ , PP=50, If  $50W \leq P_{out} < 61W$ , PP=60.
2. If AC input is 120VAC, A=U, If AC input is 120-277VAC, A=W, If AC input is 277VAC, A=V, If AC input is 230VAC, A=E.
3. - could be blank, XXXX means regulated output current, which is not greater than max output regulated current within the output voltage range.
4. - could be blank, YYYYY(Y=0~9, A~Z or blank, for marketing purpose only).
5. ZZZZZ(Y=0~9, A~Z or blank, for marketing purpose only).
6. VV means max output voltage, which is not greater than 58V.

### 4.1 Product Description and Intended Use

Refer to Constructional Data Form and user manual.

### 4.2 Ratings and System Details

| No. | Model No.                                           | Input Voltage (Vac) | Max Output Power | Max output regulated current(A) | Min output regulated current (mA) | PCB layout & Schematic | Max Voltage | Output Voltage Range (Vdc) |
|-----|-----------------------------------------------------|---------------------|------------------|---------------------------------|-----------------------------------|------------------------|-------------|----------------------------|
| 1   | ESP0<br>PPA-<br>XXXX-<br>VV-<br>YYYY<br>Y-<br>ZZZZZ | A                   | 50.0             | 2.000                           | 100                               | Same                   | 25.0        | 12<Vout<25                 |
| 2   | ESP0<br>PPA-<br>XXXX-<br>VV-<br>YYYY<br>Y-<br>ZZZZZ | A                   | 58.8             | 1.400                           | 100                               | Same                   | 43.0        | 24<Vout<43                 |
| 3   | ESP0<br>PPA-<br>XXXX-<br>VV-<br>YYYY<br>Y-<br>ZZZZZ | A                   | 50.0             | 0.870                           | 100                               | Same                   | 58.0        | 42<Vout<58                 |



### **4.3 Independent Operation Modes**

The basic operation modes are:

- A. Test in lighting mode

### **4.4 Noise Generating and Noise Suppressing Parts**

Refer to the Constructional Data Form

### **4.5 Submitted Documents**

Difference declaration  
Rating Label  
Circuit diagram  
User manual  
PCB layout



#### 4.6 Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

#### 4.7 Physical Configuration for Testing

Refer to the related chapter in this test report.

#### 4.8 Test Operation and Test Software

Refer to test set up in chapter 5.

All testing were performed according to the procedures in ANSI C63.10: 2013.

#### 4.9 Special Accessories and Auxiliary Equipment

None

#### 4.10 Countermeasures to achieve EMC Compliance

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.



## 5 Test Results EMISSION

### 5.1 Conducted Emission

#### Results:

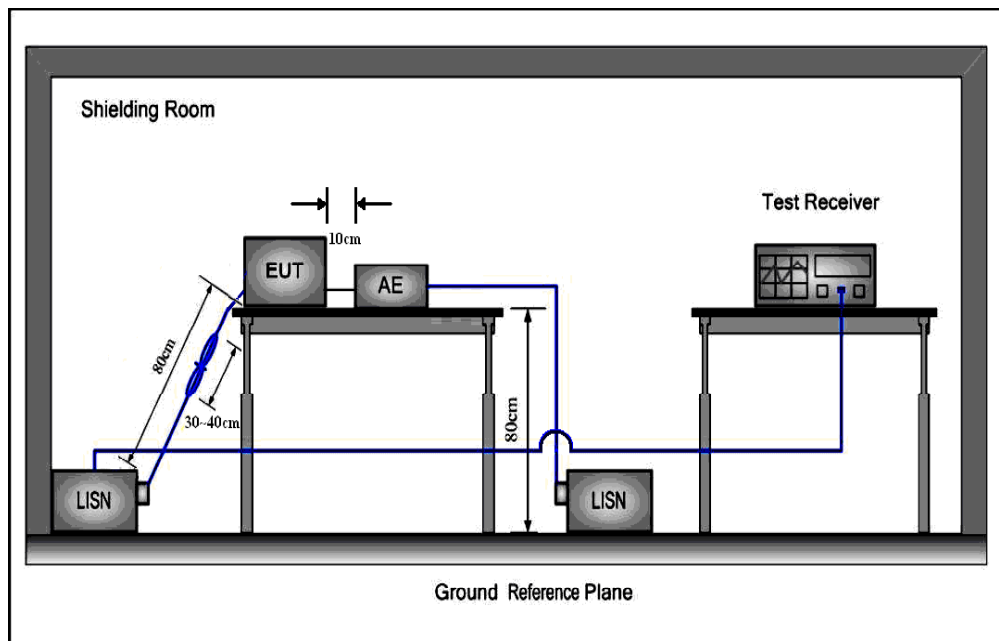
Pass

Date of testing : 04 July 2016  
 Test procedure : ANSI C63.4:2014  
 Frequency range : 0.15- 30MHz  
 Kind of test site : shielded room  
 Limits : FCC PART 15 Subpart B: 2015

#### Test setup

Input Voltage : 120Vac& 277Vac, 60Hz  
 Operation Mode : Test in lighting mode  
 Artificial Hand : Not applied  
 Earthing : Not applied  
 Temperature : 24°C  
 Humidity : 60%  
 Air pressure : 101KPA

#### Test Connection Diagram

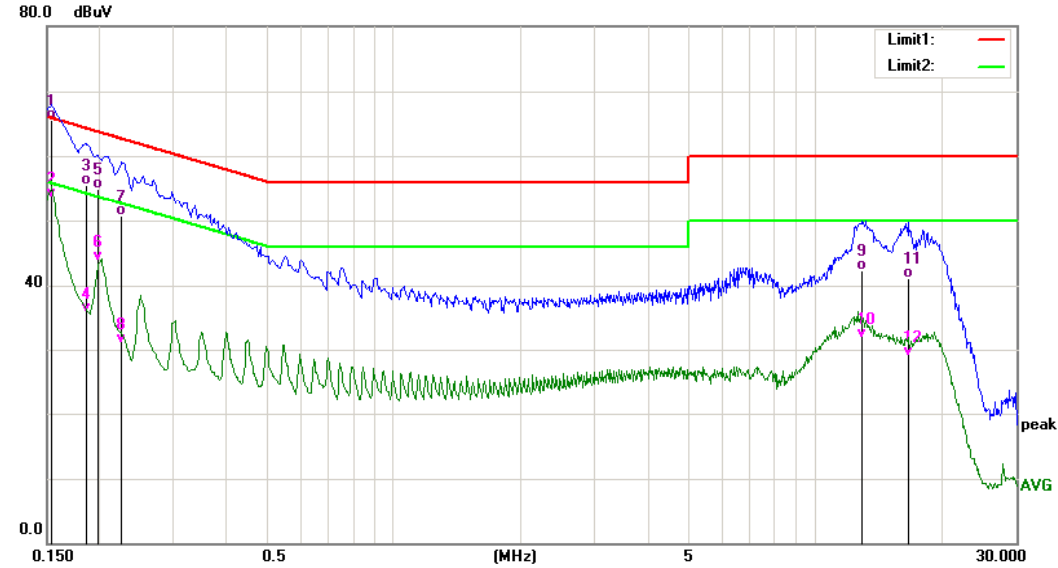


### Test data

**Model: ESP060W-1400-42 with 120Vac,60Hz**

Peak and Average Scan:

Live:

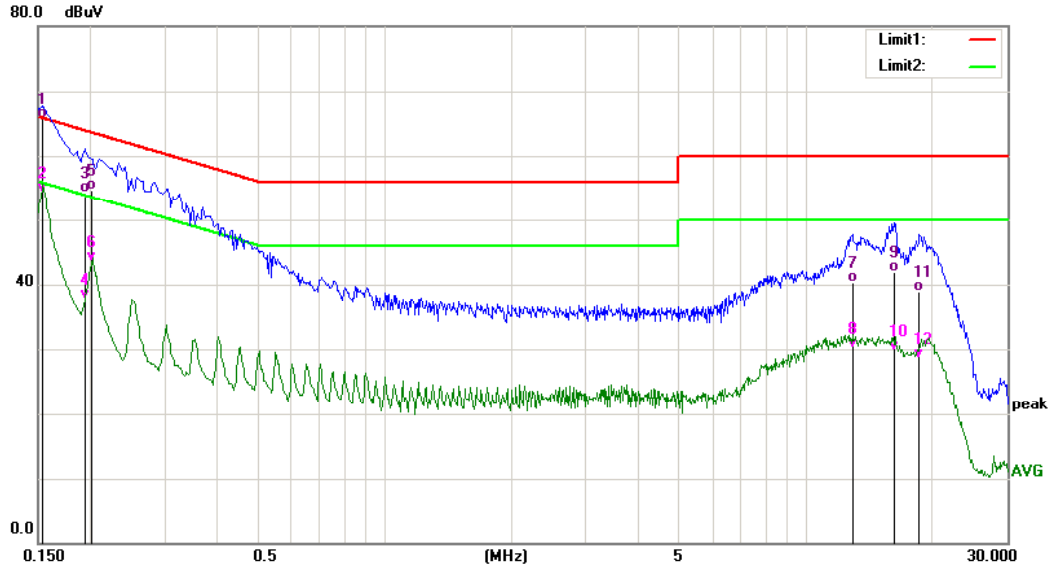


Quasi-peak and Average measurement:

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>Factor(dB) | Result<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-----------------------|------------------|-----------------|----------------|--------|
| 1   | 0.1548             | 55.91             | 9.64                  | 65.55            | 65.74           | -0.19          | QP     |
| 2   | 0.1548             | 43.77             | 9.64                  | 53.41            | 55.74           | -2.33          | AVG    |
| 3   | 0.1864             | 45.75             | 9.66                  | 55.41            | 64.20           | -8.79          | QP     |
| 4   | 0.1864             | 26.01             | 9.66                  | 35.67            | 54.20           | -18.53         | AVG    |
| 5   | 0.2007             | 45.27             | 9.66                  | 54.93            | 63.58           | -8.65          | QP     |
| 6   | 0.2007             | 34.11             | 9.66                  | 43.77            | 53.58           | -9.81          | AVG    |
| 7   | 0.2260             | 41.06             | 9.65                  | 50.71            | 62.60           | -11.89         | QP     |
| 8   | 0.2260             | 21.34             | 9.65                  | 30.99            | 52.60           | -21.61         | AVG    |
| 9   | 12.9540            | 32.17             | 10.13                 | 42.30            | 60.00           | -17.70         | QP     |
| 10  | 12.9540            | 21.50             | 10.13                 | 31.63            | 50.00           | -18.37         | AVG    |
| 11  | 16.5900            | 30.84             | 10.32                 | 41.16            | 60.00           | -18.84         | QP     |
| 12  | 16.5900            | 18.50             | 10.32                 | 28.82            | 50.00           | -21.18         | AVG    |

Peak and Average Scan:

Neutral:



Quasi-peak and Average measurement:

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>Factor(dB) | Result<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-----------------------|------------------|-----------------|----------------|--------|
| 1   | 0.1548             | 56.05             | 9.64                  | 65.59            | 65.74           | -0.15          | QP     |
| 2   | 0.1548             | 44.70             | 9.64                  | 54.34            | 55.74           | -1.40          | AVG    |
| 3   | 0.1945             | 44.69             | 9.66                  | 54.35            | 63.84           | -9.49          | QP     |
| 4   | 0.1945             | 28.12             | 9.66                  | 37.78            | 53.84           | -16.06         | AVG    |
| 5   | 0.2029             | 45.12             | 9.66                  | 54.78            | 63.49           | -8.71          | QP     |
| 6   | 0.2029             | 33.78             | 9.66                  | 43.44            | 53.49           | -10.05         | AVG    |
| 7   | 12.8820            | 30.08             | 10.13                 | 40.21            | 60.00           | -19.79         | QP     |
| 8   | 12.8820            | 20.01             | 10.13                 | 30.14            | 50.00           | -19.86         | AVG    |
| 9   | 16.2180            | 31.64             | 10.28                 | 41.92            | 60.00           | -18.08         | QP     |
| 10  | 16.2180            | 19.46             | 10.28                 | 29.74            | 50.00           | -20.26         | AVG    |
| 11  | 18.5340            | 28.32             | 10.51                 | 38.83            | 60.00           | -21.17         | QP     |
| 12  | 18.5340            | 17.95             | 10.51                 | 28.46            | 50.00           | -21.54         | AVG    |

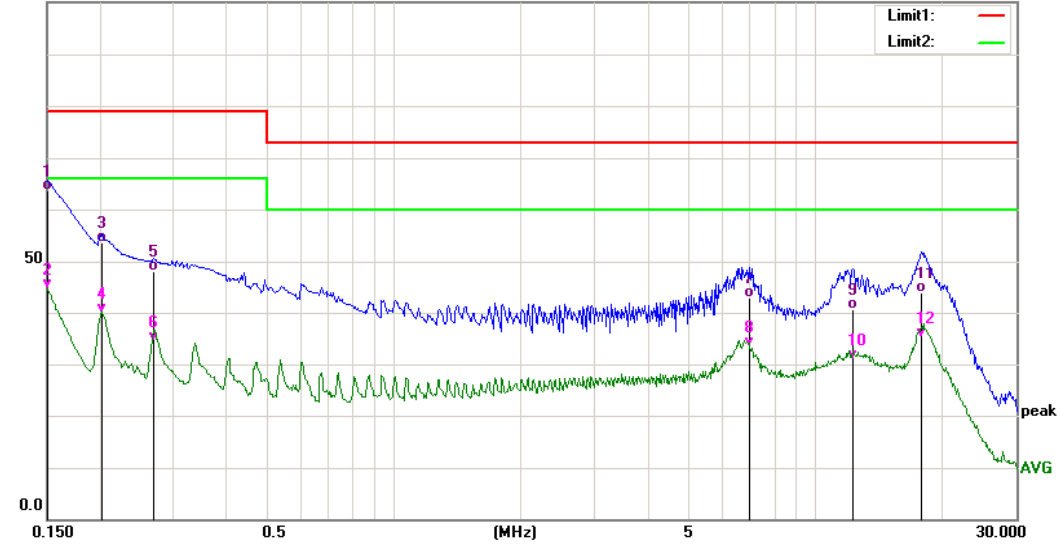
### Test data

**Model: ESP060W-1400-42 with 277Vac,60Hz**

Peak and Average Scan:

Live:

100.0 dBuV



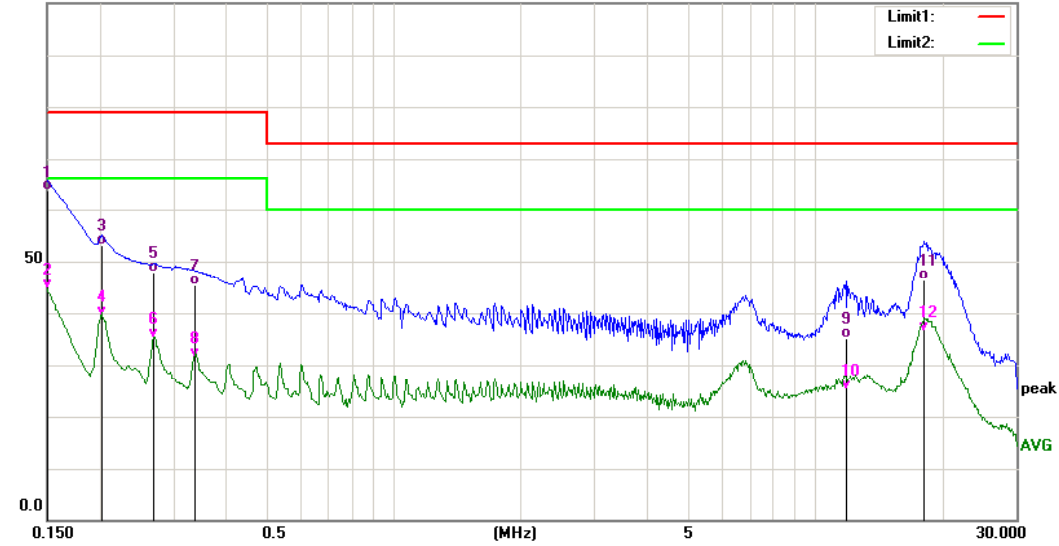
Quasi-peak and Average measurement:

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>Factor(dB) | Result<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-----------------------|------------------|-----------------|----------------|--------|
| 1   | 0.1500             | 53.98             | 9.64                  | 63.62            | 79.00           | -15.38         | QP     |
| 2   | 0.1500             | 35.00             | 9.64                  | 44.64            | 66.00           | -21.36         | AVG    |
| 3   | 0.2040             | 43.88             | 9.66                  | 53.54            | 79.00           | -25.46         | QP     |
| 4   | 0.2040             | 30.18             | 9.66                  | 39.84            | 66.00           | -26.16         | AVG    |
| 5   | 0.2740             | 38.54             | 9.65                  | 48.19            | 79.00           | -30.81         | QP     |
| 6   | 0.2740             | 24.73             | 9.65                  | 34.38            | 66.00           | -31.62         | AVG    |
| 7   | 6.9540             | 32.82             | 9.98                  | 42.80            | 73.00           | -30.20         | QP     |
| 8   | 6.9540             | 23.42             | 9.98                  | 33.40            | 60.00           | -26.60         | AVG    |
| 9   | 12.2620            | 30.59             | 10.12                 | 40.71            | 73.00           | -32.29         | QP     |
| 10  | 12.2620            | 20.77             | 10.12                 | 30.89            | 60.00           | -29.11         | AVG    |
| 11  | 17.8620            | 33.53             | 10.44                 | 43.97            | 73.00           | -29.03         | QP     |
| 12  | 17.8620            | 24.66             | 10.44                 | 35.10            | 60.00           | -24.90         | AVG    |

Peak and Average Scan:

Neutral:

100.0 dBuV



Quasi-peak and Average measurement:

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>Factor(dB) | Result<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-----------------------|------------------|-----------------|----------------|--------|
| 1   | 0.1500             | 53.95             | 9.64                  | 63.59            | 79.00           | -15.41         | QP     |
| 2   | 0.1500             | 34.97             | 9.64                  | 44.61            | 66.00           | -21.39         | AVG    |
| 3   | 0.2040             | 43.42             | 9.66                  | 53.08            | 79.00           | -25.92         | QP     |
| 4   | 0.2040             | 29.65             | 9.66                  | 39.31            | 66.00           | -26.69         | AVG    |
| 5   | 0.2700             | 38.25             | 9.65                  | 47.90            | 79.00           | -31.10         | QP     |
| 6   | 0.2700             | 25.53             | 9.65                  | 35.18            | 66.00           | -30.82         | AVG    |
| 7   | 0.3392             | 35.69             | 9.67                  | 45.36            | 79.00           | -33.64         | QP     |
| 8   | 0.3392             | 21.71             | 9.67                  | 31.38            | 66.00           | -34.62         | AVG    |
| 9   | 11.8180            | 24.90             | 10.12                 | 35.02            | 73.00           | -37.98         | QP     |
| 10  | 11.8180            | 15.12             | 10.12                 | 25.24            | 60.00           | -34.76         | AVG    |
| 11  | 18.2100            | 35.79             | 10.47                 | 46.26            | 73.00           | -26.74         | QP     |
| 12  | 18.2100            | 25.86             | 10.47                 | 36.33            | 60.00           | -23.67         | AVG    |

## 5.2 Radiated Emission

### Results:

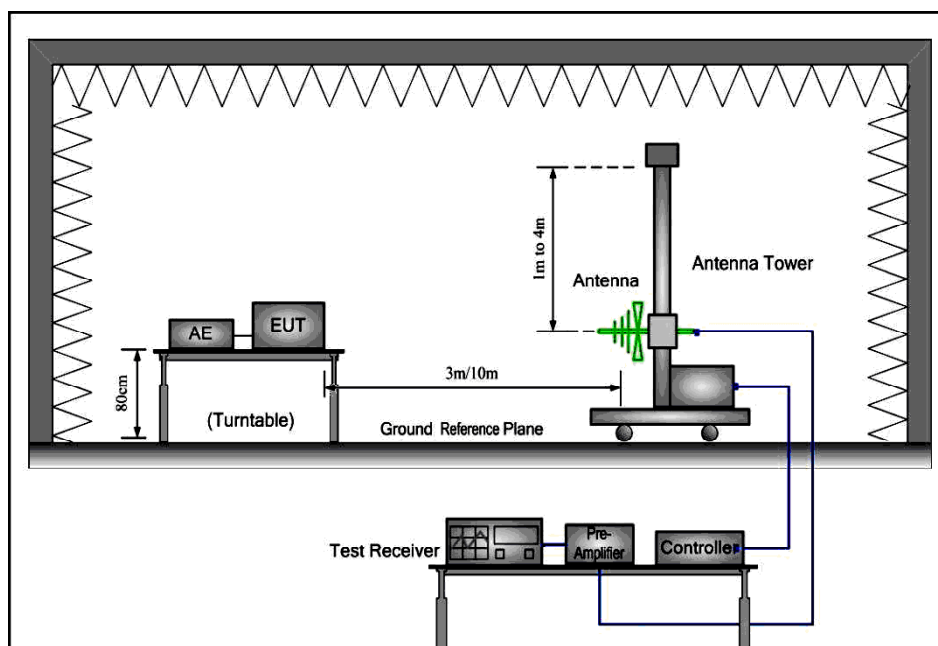
Pass

Date of testing : 04 July 2016  
 Test procedure : ANSI C63.4:2014  
 Frequency range : 30- 1000MHz  
 Kind of test site : Semi-Anechoic chamber  
 Limits : FCC PART 15 Subpart B: 2015

### Test setup:

Input Voltage : 120Vac& 277Vac, 60Hz  
 Operation Mode : Test in lighting mode  
 Artificial Hand : Not applied  
 Earthing : Not applied  
 Temperature : 24°C  
 Humidity : 60%  
 Air pressure : 101KPA

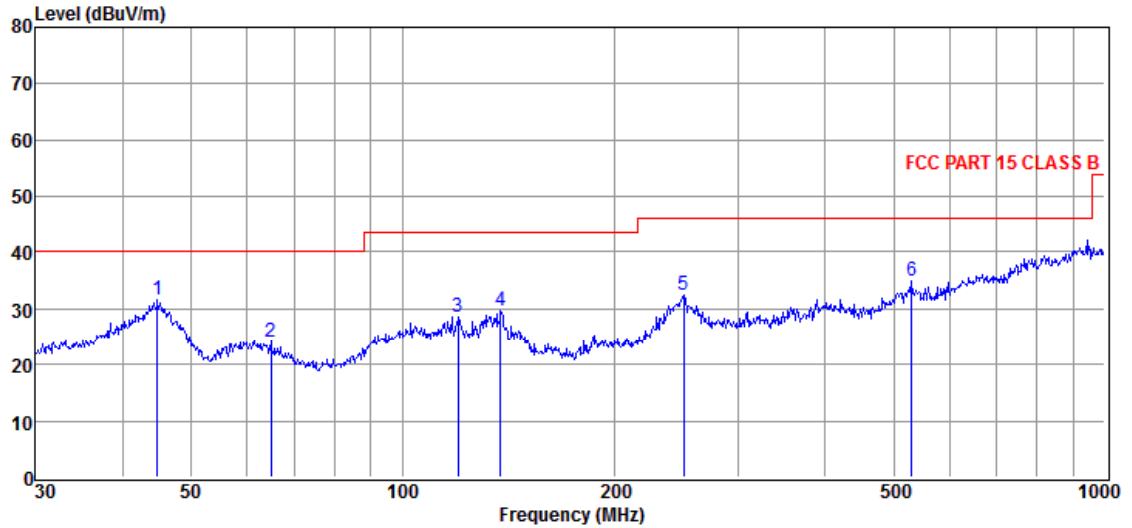
### Test Connection Diagram



**Test Data:**
**Model:** ESP060W-1400-42 with 120Vac,60Hz

**Peak Scan:**

Horizontal



Quasi-peak measurement:

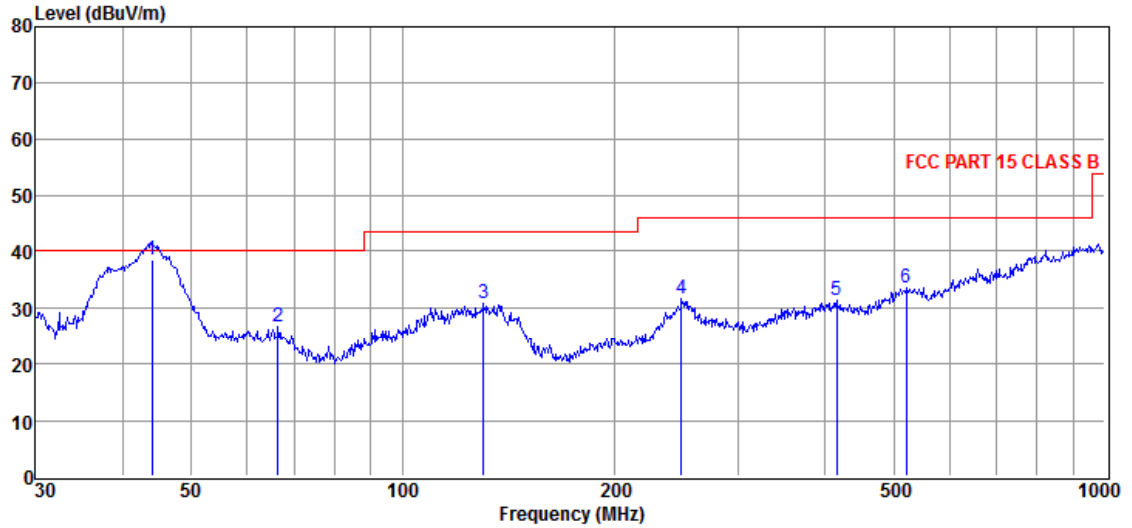
| Item<br>(Mark) | Freq<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|---------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 44.74         | 14.22                   | 16.63                       | 0.00                | 0.65                | 31.50                       | 40.00                     | -8.50                 | Peak     | HORIZONTAL   |
| 2              | 64.89         | 14.17                   | 9.34                        | 0.00                | 0.80                | 24.31                       | 40.00                     | -15.69                | Peak     | HORIZONTAL   |
| 3              | 119.86        | 18.23                   | 9.33                        | 0.00                | 1.11                | 28.67                       | 43.50                     | -14.83                | Peak     | HORIZONTAL   |
| 4              | 137.90        | 20.51                   | 7.93                        | 0.00                | 1.20                | 29.64                       | 43.50                     | -13.86                | Peak     | HORIZONTAL   |
| 5              | 251.18        | 18.75                   | 12.10                       | 0.00                | 1.70                | 32.55                       | 46.00                     | -13.45                | Peak     | HORIZONTAL   |
| 6              | 530.10        | 13.88                   | 18.19                       | 0.00                | 2.72                | 34.79                       | 46.00                     | -11.21                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

Peak Scan:  
Vertical:



Quasi-peak measurement:

| Item<br>(Mark) | Freq<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|---------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 43.97         | 21.00                   | 16.97                       | 0.00                | 0.64                | 38.61                       | 40.00                     | -1.39                 | QP       | VERTICAL     |
| 2              | 66.50         | 16.93                   | 8.81                        | 0.00                | 0.81                | 26.55                       | 40.00                     | -13.45                | Peak     | VERTICAL     |
| 3              | 130.38        | 21.22                   | 8.38                        | 0.00                | 1.17                | 30.77                       | 43.50                     | -12.73                | Peak     | VERTICAL     |
| 4              | 249.43        | 17.81                   | 12.07                       | 0.00                | 1.70                | 31.58                       | 46.00                     | -14.42                | Peak     | VERTICAL     |
| 5              | 414.72        | 13.05                   | 15.96                       | 0.00                | 2.32                | 31.33                       | 46.00                     | -14.67                | Peak     | VERTICAL     |
| 6              | 520.89        | 13.01                   | 17.93                       | 0.00                | 2.69                | 33.63                       | 46.00                     | -12.37                | Peak     | VERTICAL     |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

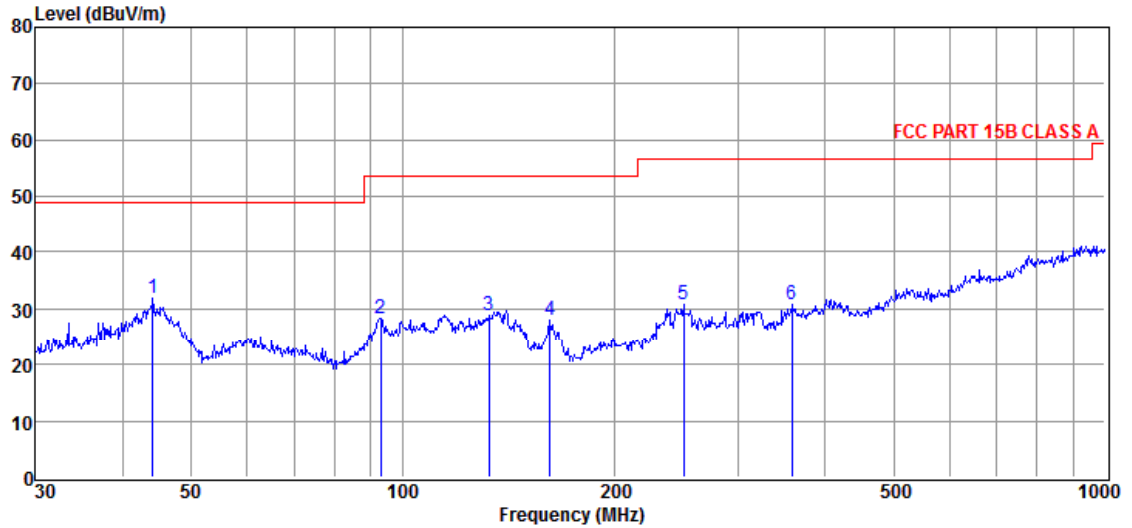
3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto



**Test Data:**
**Model:** ESP060W-1400-42 with 277Vac,60Hz

**Peak Scan:**

Horizontal



Quasi-peak measurement:

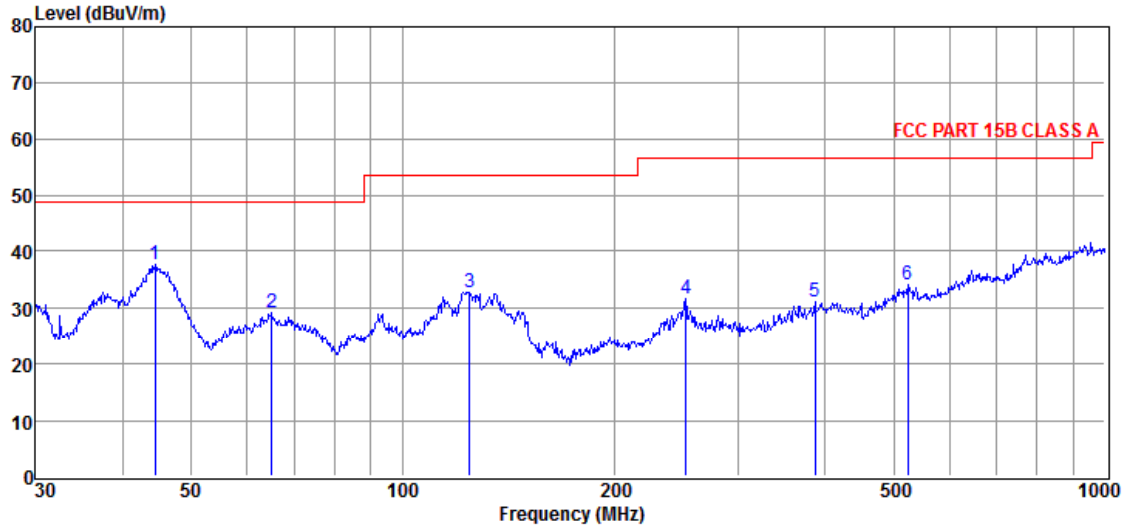
| Item<br>(Mark) | Freq<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|---------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 44.12         | 14.22                   | 16.94                       | 0.00                | 0.64                | 31.80                       | 49.00                     | -17.20                | Peak     | HORIZONTAL   |
| 2              | 93.11         | 17.35                   | 10.12                       | 0.00                | 0.98                | 28.45                       | 53.50                     | -25.05                | Peak     | HORIZONTAL   |
| 3              | 132.69        | 19.46                   | 8.24                        | 0.00                | 1.18                | 28.88                       | 53.50                     | -24.62                | Peak     | HORIZONTAL   |
| 4              | 162.04        | 19.47                   | 7.16                        | 0.00                | 1.31                | 27.94                       | 53.50                     | -25.56                | Peak     | HORIZONTAL   |
| 5              | 251.18        | 16.95                   | 12.10                       | 0.00                | 1.70                | 30.75                       | 56.50                     | -25.75                | Peak     | HORIZONTAL   |
| 6              | 357.93        | 14.29                   | 14.42                       | 0.00                | 2.11                | 30.82                       | 56.50                     | -25.68                | Peak     | HORIZONTAL   |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

Peak Scan:  
Vertical:



Quasi-peak measurement:

| Item<br>(Mark) | Freq<br>(MHz) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>(dB/m) | PRM<br>Factor<br>dB | Cable<br>Loss<br>dB | Result<br>Level<br>(dBμV/m) | Limit<br>Line<br>(dBμV/m) | Over<br>Limit<br>(dB) | Detector | Polarization |
|----------------|---------------|-------------------------|-----------------------------|---------------------|---------------------|-----------------------------|---------------------------|-----------------------|----------|--------------|
| 1              | 44.43         | 20.23                   | 16.78                       | 0.00                | 0.64                | 37.65                       | 49.00                     | -11.35                | Peak     | VERTICAL     |
| 2              | 65.11         | 18.96                   | 9.26                        | 0.00                | 0.80                | 29.02                       | 49.00                     | -19.98                | Peak     | VERTICAL     |
| 3              | 124.57        | 22.91                   | 8.75                        | 0.00                | 1.14                | 32.80                       | 53.50                     | -20.70                | Peak     | VERTICAL     |
| 4              | 252.95        | 17.79                   | 12.10                       | 0.00                | 1.71                | 31.60                       | 56.50                     | -24.90                | Peak     | VERTICAL     |
| 5              | 386.63        | 13.36                   | 15.50                       | 0.00                | 2.22                | 31.08                       | 56.50                     | -25.42                | Peak     | VERTICAL     |
| 6              | 524.55        | 13.41                   | 18.04                       | 0.00                | 2.70                | 34.15                       | 56.50                     | -22.35                | Peak     | VERTICAL     |

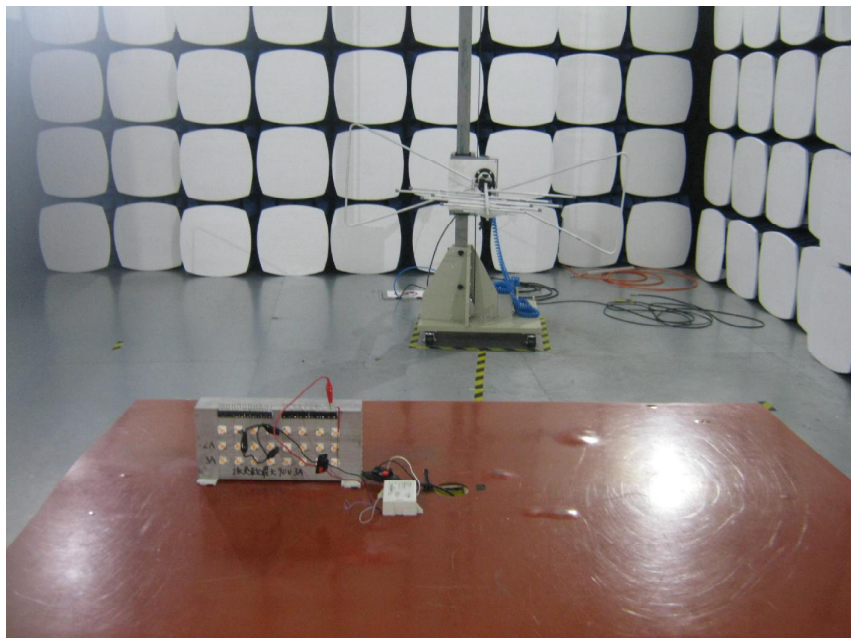
- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss  
2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit  
3. Test setup: RBW: 120kHz, VBW: 300kHz, Sweep time: auto

## 6 The photos of test setting

Terminal Continuous Disturbance Voltage:



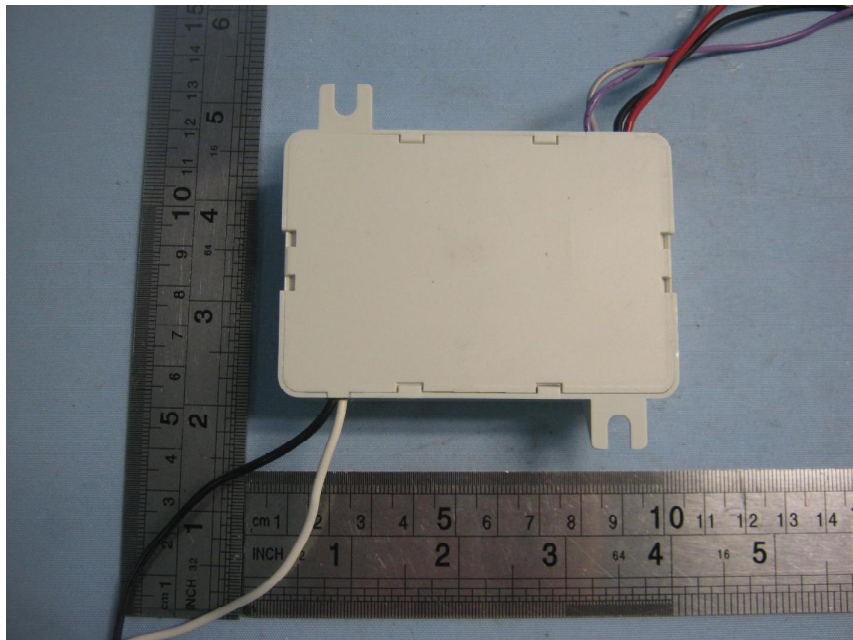
Radiated Emission:



## 7 The photos of EUT

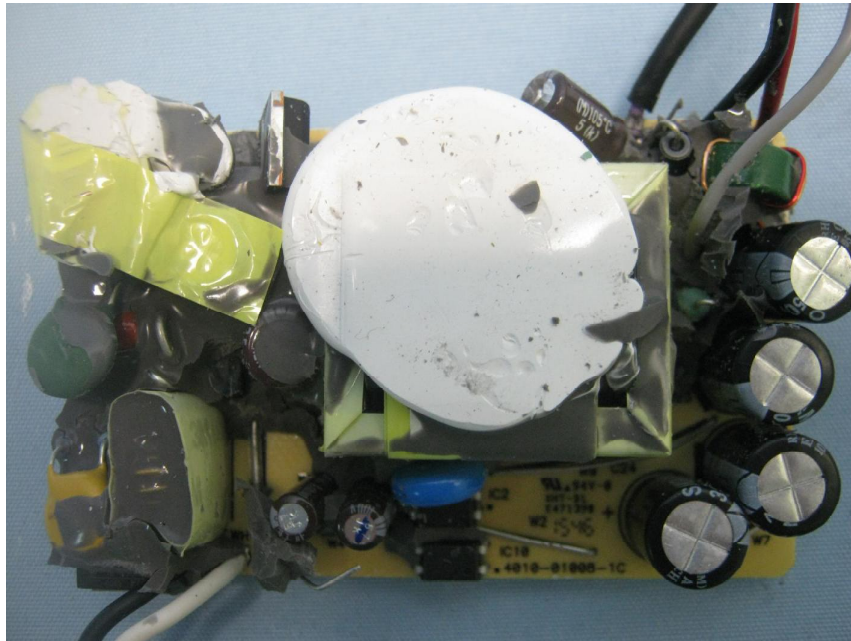


Picture 1

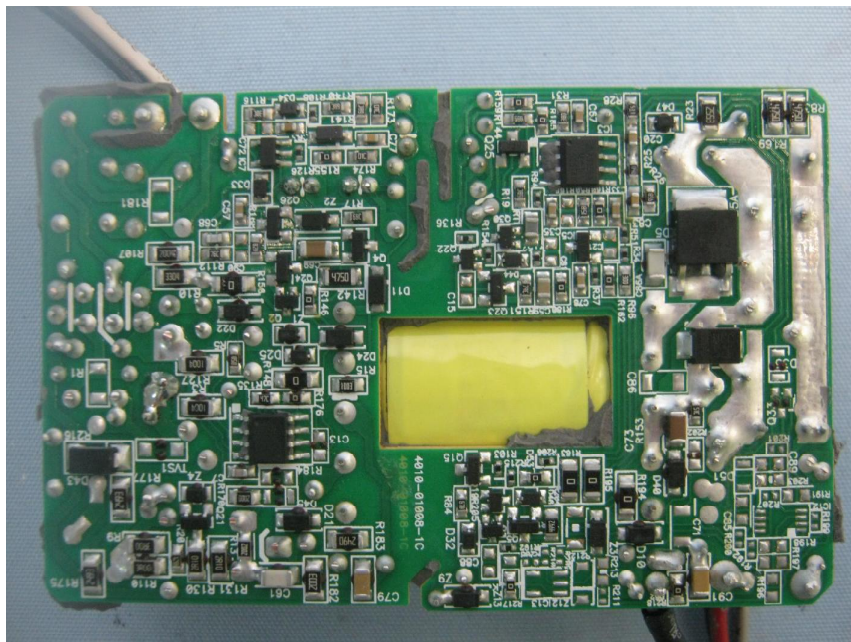


Picture 2





Picture 3



Picture 4

-----End of test report-----