

## FCC PART 15B

## TEST REPORT

For

### **Huizhou Foryou Optoelectronics Technology Co., LTD**

Building 6, B Area, No.1 North Shangxia Road, Dongjiang High-Tech Industry Park Huizhou

**Tested Model: BA60H-W0080-R2BW-E6**  
**Multiple Models: BA60H-W0080-RCBW-E6,**  
**BA60H-W0060-RCBW-E6**

<b>Report Type:</b> Original Report	<b>Product Type:</b> WiFi BULB
<b>Report Number:</b>	RDG200430056-00
<b>Report Date:</b>	2020-05-19
<b>Reviewed By:</b>	Jerry Zhang EMC Manager
<b>Test Laboratory:</b>	Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 <a href="http://www.baclcorp.com.cn">www.baclcorp.com.cn</a>

## TABLE OF CONTENTS

<b>General Information .....</b>	<b>3</b>
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT).....	3
OBJECTIVE .....	3
TEST METHODOLOGY .....	3
MEASUREMENT UNCERTAINTY .....	4
TEST FACILITY.....	4
DECLARATIONS .....	4
<b>System Test Configuration .....</b>	<b>5</b>
DESCRIPTION OF TEST CONFIGURATION .....	5
EQUIPMENT MODIFICATIONS .....	5
EUT EXERCISE SOFTWARE.....	5
BLOCK DIAGRAM OF TEST SETUP.....	5
TEST EQUIPMENT LIST.....	6
ENVIRONMENTAL CONDITIONS.....	7
<b>Summary of Test Results .....</b>	<b>8</b>
<b>1 – Conducted emissions .....</b>	<b>9</b>
EUT SETUP.....	9
EMI TEST RECEIVER SETUP .....	9
TEST PROCEDURE .....	10
CORRECTED AMPLITUDE & MARGIN CALCULATION .....	10
TEST DATA .....	11
<b>2 – Radiated emissions .....</b>	<b>15</b>
EUT SETUP.....	15
EMI TEST RECEIVER SETUP .....	16
TEST PROCEDURE .....	16
CORRECTED AMPLITUDE & MARGIN CALCULATION .....	16
TEST DATA .....	17
<b>Exhibit A – Eut Photographs .....</b>	<b>25</b>
<b>Exhibit B – Test Setup Photographs.....</b>	<b>34</b>

## GENERAL INFORMATION

### Product Description for Equipment under Test (EUT)

<b>EUT Name:</b>	WiFi BULB
<b>EUT Model:</b>	BA60H-W0080-R2BW-E6
<b>Multiple Models:</b>	BA60H-W0080-RCBW-E6, BA60H-W0060-RCBW-E6
<b>Rated Input Voltage:</b>	120Vac, 60HZ
<b>The Highest Operating Frequency:</b>	<108 MHz
<b>Serial Number:</b>	200430056
<b>EUT Received Date:</b>	2020/5/6
<b>EUT Received Status:</b>	Good

Note: The series product, models *BA60H-W0080-R2BW-E6*, *BA60H-W0080-RCBW-E6*, *BA60H-W0060-RCBW-E6* are electrically identical, we selected *BA60H-W0080-R2BW-E6*, *BA60H-W0080-RCBW-E6* for fully testing, the details of the differences between them were explained in the following form.

Differences Description			
Testing Model	Multiple Model	Difference	Details
BA60H-W0080-R2BW-E6	BA60H-W0080-RCBW-E6 BA60H-W0060-RCBW-E6	Power and Lamp bead scheme	The products are the same, except the different Power W0080 represents Power (W0080--9.3W, W0060--7.0W) R2BW and RCBW represents lamp bead scheme

### Objective

This report is prepared on behalf of *Huizhou Foryou Optoelectronics Technology Co., LTD* in accordance with Part 2, Part J, and Part 15, Subpart A and B of the Federal Communications Commission's rules..

The objective is to determine the compliance of EUT with:  
FCC Part 15B Class B.

### Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014 American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

## Measurement Uncertainty

Parameter	Measurement Uncertainty
Unwanted Emissions, radiated	30M~200MHz: 4.55 dB, 200M~1GHz: 5.92 dB, 1G~6GHz: 4.98 dB, 6G~18GHz: 5.89 dB, 18G~26.5G: 5.47 dB, 26.5G~40G: 5.63 dB
Temperature	±1 °C
Humidity	±5%
AC Power Lines Conducted Emission	3.12 dB (150 kHz to 30 MHz)

Note: Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

## Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218, the FCC Designation No. : CN1220.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier : CN0022.

## Declarations

BACL is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol “△”. Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

This report cannot be reproduced except in full, without prior written approval of the Company.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk “★”.

## SYSTEM TEST CONFIGURATION

### Description of Test Configuration

The EUT was test in On mode.

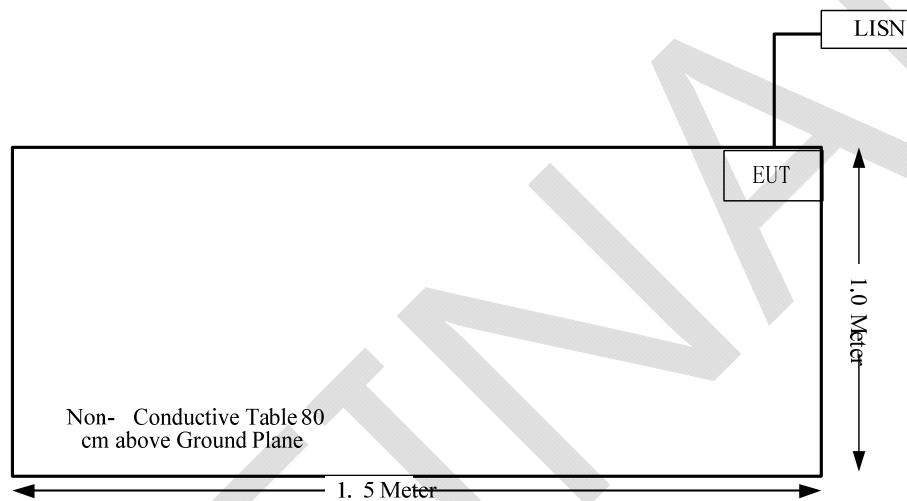
### Equipment Modifications

No modification was made to the EUT.

### EUT Exercise Software

No EUT software was used for testing.

### Block Diagram of Test Setup



**Test Equipment List**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted emission					
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-01	2019-09-05	2020-09-05
R&S	Test Software	EMC32	Version8.53.0	N/A	N/A
R&S	LISN	ENV 216	101614	2019-09-12	2020-09-12
R&S	EMI Test Receiver	ESCI	101121	2019-06-09	2020-06-09
Radiated emissions below 1GHz					
R&S	EMI Test Receiver	ESCI	100224	2019-09-12	2020-09-12
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A
Sunol Sciences	Antenna	JB3	A060611-2	2017-08-25	2020-08-25
Unknown	Coaxial Cable	C-NJNJ-50	C-1000-01	2019-09-05	2020-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-02	2019-09-05	2020-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0530-01	2019-09-24	2020-09-24
Sonoma	Amplifier	310N	185914	2019-10-13	2020-10-13
Radiated emissions above 1GHz					
Agilent	Spectrum Analyzer	E4440A	SG43360054	2019-06-09	2020-06-09
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A
ETS-Lindgren	Horn Antenna	3115	000 527 35	2018-10-12	2021-10-12
Unknown	Coaxial Cable	C-SJSJ-50	C-0800-01	2019-09-05	2020-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-02	2019-09-05	2020-09-05
MITEQ	Amplifier	AFS42-00101800-25-S-42	2001271	2019-09-05	2020-09-05
E-Microwave	Band-stop Filters	OBSF-2400-2483.5-S	OE01601525	2019-06-16	2020-06-16
Agilent	Signal Generator	E8247C	MY43321350	2019-12-10	2020-12-10

\* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

**Environmental Conditions**

<b>Temperature:</b>	25~28°C
<b>Relative Humidity:</b>	50~65%
<b>ATM Pressure:</b>	100.5~100.7kPa
<b>Tester:</b>	Asa Chen, Tayler Li
<b>Test Date:</b>	2020.05.06~2020.5.12

FINAL

**SUMMARY OF TEST RESULTS**

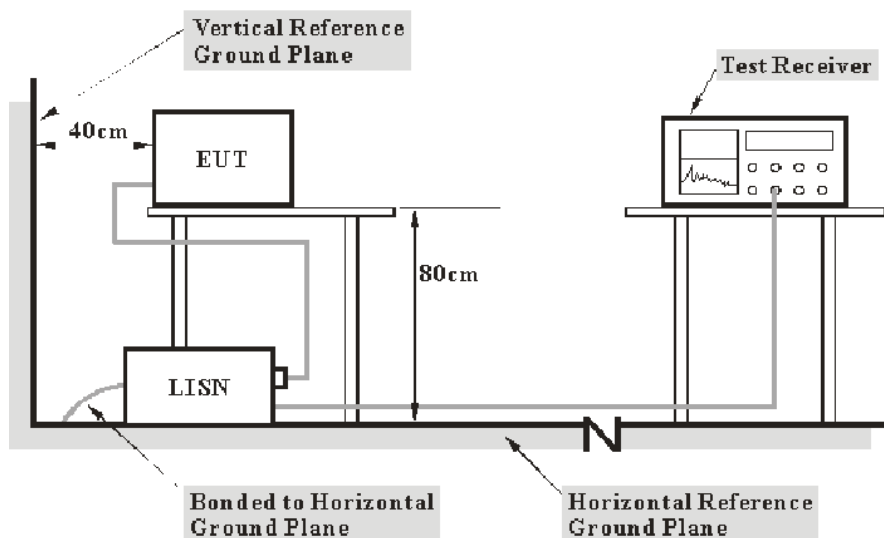
SN	Rule and Clause	Description of Test	Test Result
1	FCC §15.107	Conducted emissions	Compliance
2	FCC §15.109	Radiated emissions	Compliance

FINAL



# 1 - CONDUCTED EMISSIONS

## EUT Setup



- Note: 1. Support units were connected to second LISN.  
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

## EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

## Test Procedure

During the conducted emission test, the EUT was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

## Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result (QuasiPeak or Average) = Meter Reading + Corr.

Note:

Corr. = Cable loss + Factor of coupling device

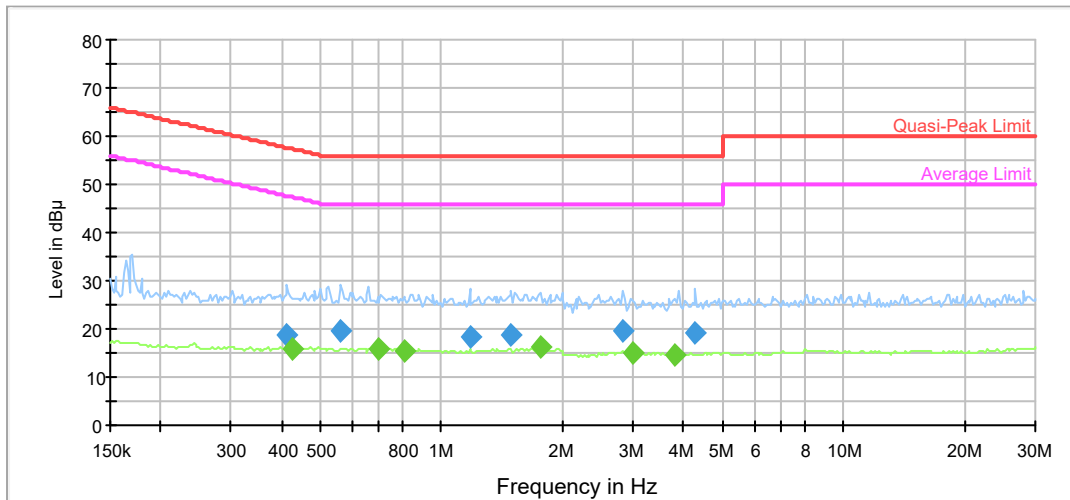
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the maximum limit. The equation for margin calculation is as follows:

Margin = Limit – Result

**Test Data**

Please refer to following table and plots:

Model Number: BA60H-W0080-R2BW-E6  
 Port: L  
 Test Mode: On  
 Power Source: AC 120V/60Hz  
 Note:



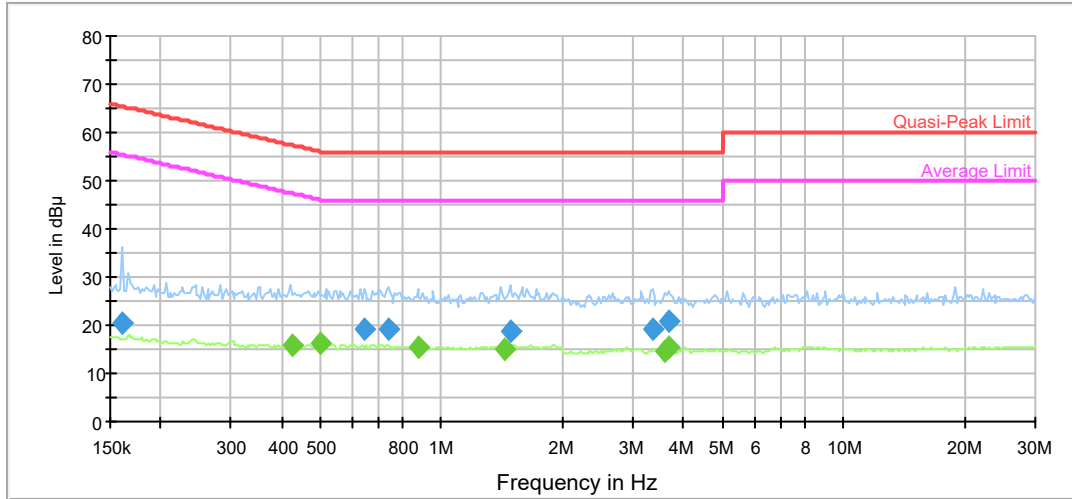
**Final Result 1**

Frequency (MHz)	QuasiPeak (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.413877	18.6	9.000	L1	9.7	39.0	57.6
0.563423	19.7	9.000	L1	9.7	36.3	56.0
1.176565	18.1	9.000	L1	9.7	37.9	56.0
1.493925	18.8	9.000	L1	9.7	37.2	56.0
2.824209	19.5	9.000	L1	9.8	36.5	56.0
4.289380	19.1	9.000	L1	9.8	36.9	56.0

**Final Result 2**

Frequency (MHz)	Average (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.426418	16.0	9.000	L1	9.7	31.3	47.3
0.701301	15.7	9.000	L1	9.7	30.3	46.0
0.814189	15.4	9.000	L1	9.7	30.6	46.0
1.769262	16.1	9.000	L1	9.8	29.9	46.0
2.997955	15.0	9.000	L1	9.8	31.0	46.0
3.806607	14.7	9.000	L1	9.8	31.3	46.0

Model Number: BA60H-W0080-R2BW-E6  
 Port: N  
 Test Mode: On  
 Power Source: AC 120V/60Hz  
 Note:



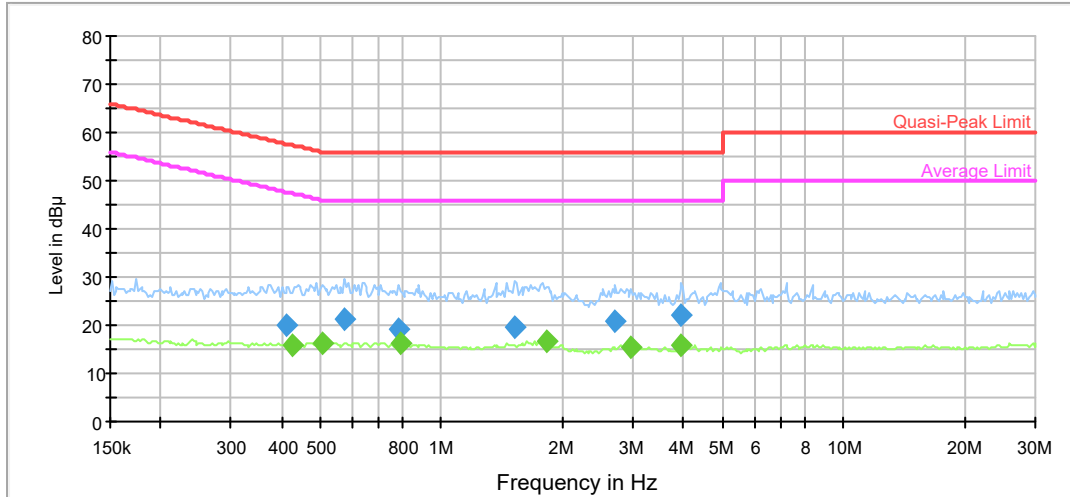
### Final Result 1

Frequency (MHz)	QuasiPeak (dB µ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB µ V)
0.160820	20.4	9.000	N	9.7	45.0	65.4
0.641227	19.2	9.000	N	9.6	36.8	56.0
0.737074	19.0	9.000	N	9.6	37.0	56.0
1.479134	18.9	9.000	N	9.6	37.1	56.0
3.344723	19.1	9.000	N	9.6	36.9	56.0
3.658074	20.9	9.000	N	9.6	35.1	56.0

### Final Result 2

Frequency (MHz)	Average (dB µ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB µ V)
0.426418	15.8	9.000	N	9.6	31.5	47.3
0.500009	16.1	9.000	N	9.6	29.9	46.0
0.881650	15.4	9.000	N	9.6	30.6	46.0
1.435633	15.2	9.000	N	9.6	30.8	46.0
3.585996	14.8	9.000	N	9.6	31.2	46.0
3.658074	15.4	9.000	N	9.6	30.6	46.0

Model Number: BA60H-W0080-RCBW-E6  
 Port: N  
 Test Mode: On  
 Power Source: AC 120V/60Hz  
 Note:



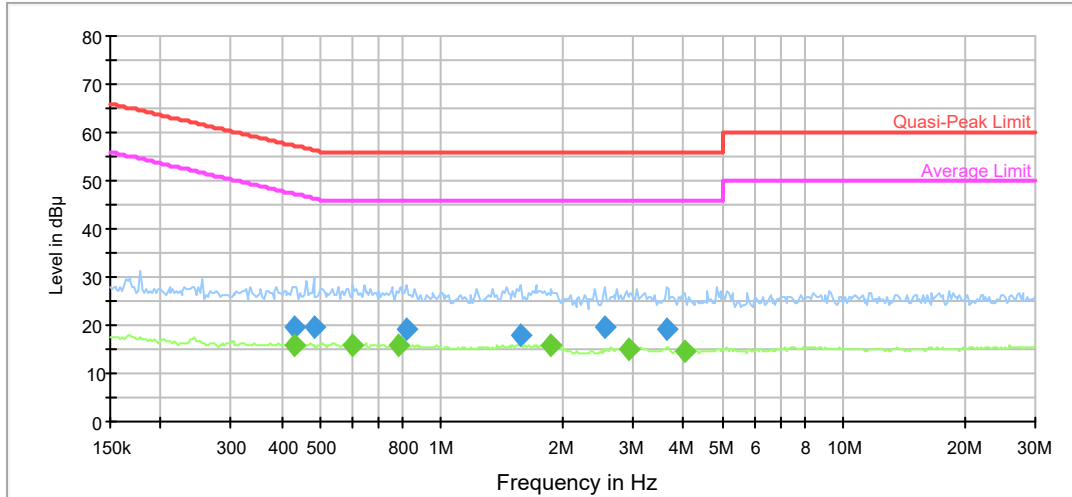
### Final Result 1

Frequency (MHz)	QuasiPeak (dB µ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB µ V)
0.413877	20.0	9.000	L1	9.7	37.6	57.6
0.574747	21.2	9.000	L1	9.7	34.8	56.0
0.782419	19.3	9.000	L1	9.7	36.7	56.0
1.523953	19.5	9.000	L1	9.8	36.5	56.0
2.714009	21.0	9.000	L1	9.8	35.0	56.0
3.961170	22.0	9.000	L1	9.8	34.0	56.0

### Final Result 2

Frequency (MHz)	Average (dB µ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB µ V)
0.426418	15.9	9.000	L1	9.7	31.4	47.3
0.505009	16.4	9.000	L1	9.7	29.6	46.0
0.790244	16.1	9.000	L1	9.7	29.9	46.0
1.822873	16.6	9.000	L1	9.8	29.4	46.0
2.968272	15.5	9.000	L1	9.8	30.5	46.0
3.961170	15.9	9.000	L1	9.8	30.1	46.0

Model Number: BA60H-W0080-RCBW-E6  
 Port: N  
 Test Mode: On  
 Power Source: AC 120V/60Hz  
 Note:



**Final Result 1**

Frequency (MHz)	QuasiPeak (dB µ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB µ V)
0.430682	19.6	9.000	N	9.6	37.6	57.2
0.480499	19.4	9.000	N	9.6	36.9	56.3
0.822331	19.1	9.000	N	9.6	36.9	56.0
1.570131	17.9	9.000	N	9.6	38.1	56.0
2.556719	19.6	9.000	N	9.6	36.4	56.0
3.621856	19.1	9.000	N	9.6	36.9	56.0

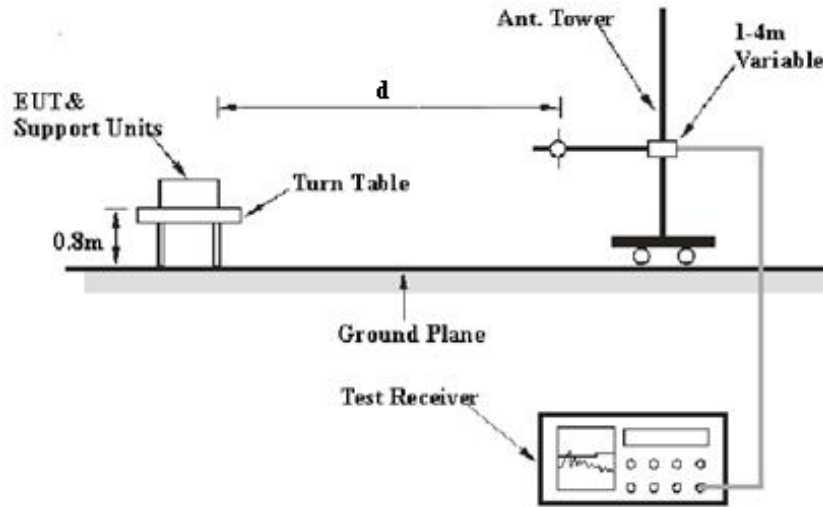
**Final Result 2**

Frequency (MHz)	Average (dB µ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB µ V)
0.430682	16.0	9.000	N	9.6	31.2	47.2
0.604065	15.9	9.000	N	9.6	30.1	46.0
0.782419	15.6	9.000	N	9.6	30.4	46.0
1.878108	15.8	9.000	N	9.6	30.2	46.0
2.938883	15.0	9.000	N	9.6	31.0	46.0
4.040790	14.4	9.000	N	9.7	31.6	46.0

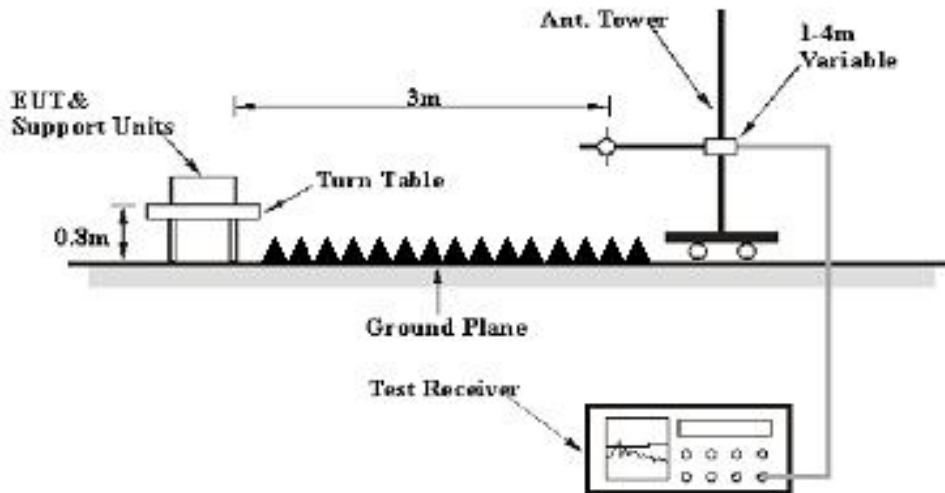
## 2 - RADIATED EMISSIONS

### EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission tests were performed at the 3 meters distance, above 1GHz were performed at the 3 meters, using the setup accordance with the ANSI C63.4-2014. The specification used was the FCC Part 15.109 Class B limits.

## EMI Test Receiver Setup

The system was investigated from 30 MHz to 6GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Detector
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	Peak
	1 MHz	Reduced video bandwidth	/	AVG

## Test Procedure

During the radiated emissions, the EUT was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz, peak and average detection mode above 1 GHz.

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

## Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Meter Reading+ Corrected

Note:

Corrected = Antenna Factor + Cable Loss - Amplifier Gain

or

Corrected = Antenna Factor + Cable Loss + Insertion loss of attenuator - Amplifier Gain

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7 dB means the emission is 7 dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Result}$$

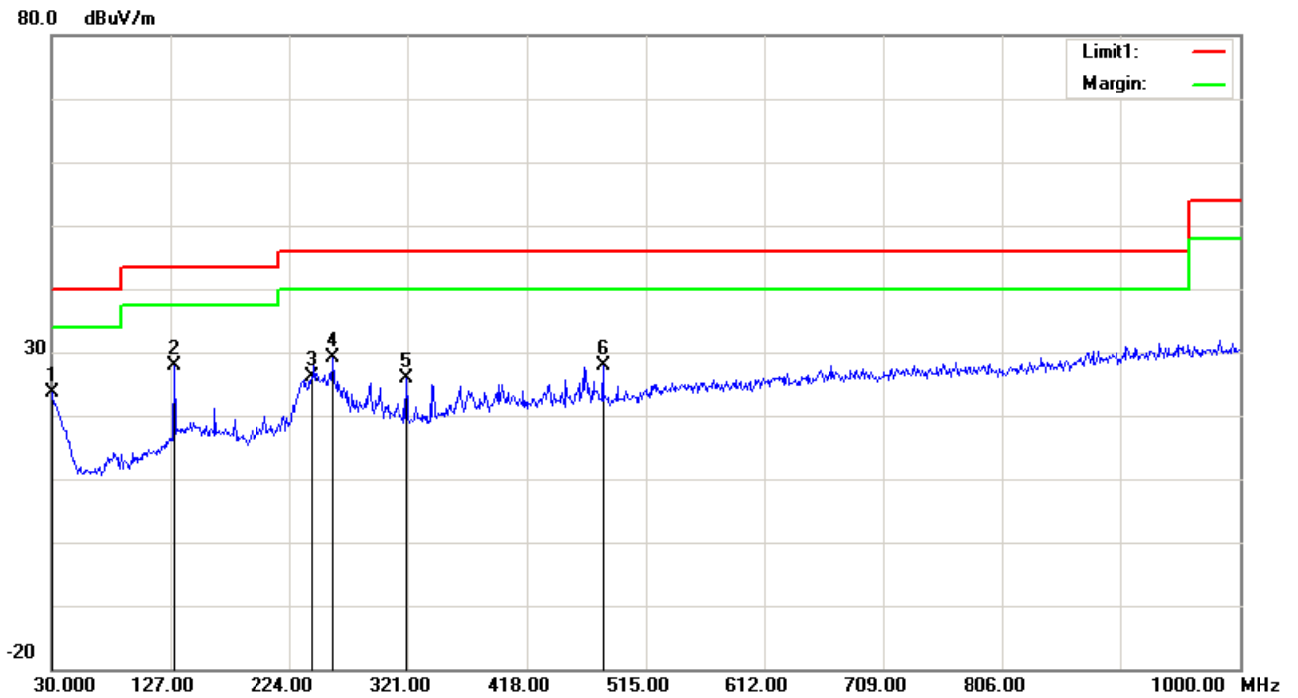


**Test Data**

Please refer to following table and plots:

**Condition:** FCC Part 15B Class B  
**EUT:** WiFi BULB  
**Model:** BA60H-W0080-R2BW-E6  
**Test Mode:** On  
**Note:**

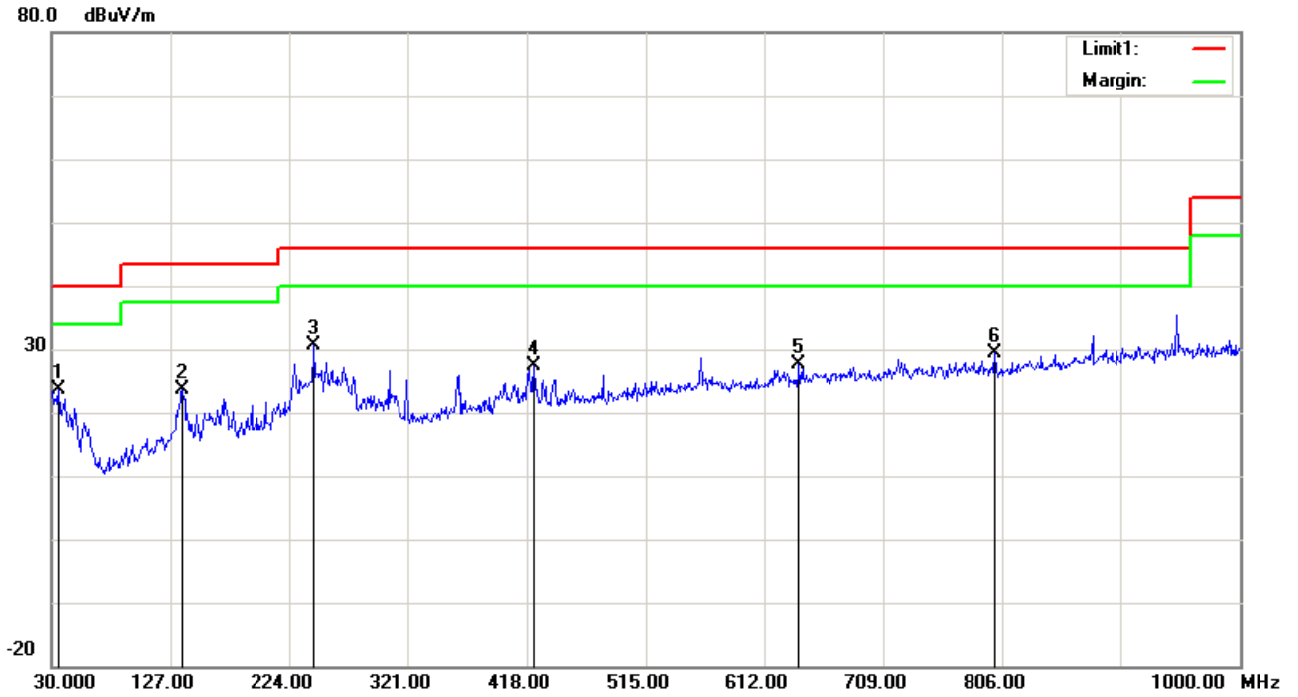
**Polarization:** Horizontal  
**Power:** AC 120V/60Hz  
**Distance:** 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.0000	28.08	peak	-4.33	23.75	40.00	16.25
2	129.9100	37.58	peak	-9.81	27.77	43.50	15.73
3	242.4300	36.00	peak	-9.95	26.05	46.00	19.95
4	259.8900	38.61	peak	-9.42	29.19	46.00	16.81
5	320.0300	33.06	peak	-7.13	25.93	46.00	20.07
6	480.0800	31.68	peak	-3.83	27.85	46.00	18.15

**Condition:** FCC Part 15B Class B  
**EUT:** WiFi BULB  
**Model:** BA60H-W0080-R2BW-E6  
**Test Mode:** On  
**Note:**

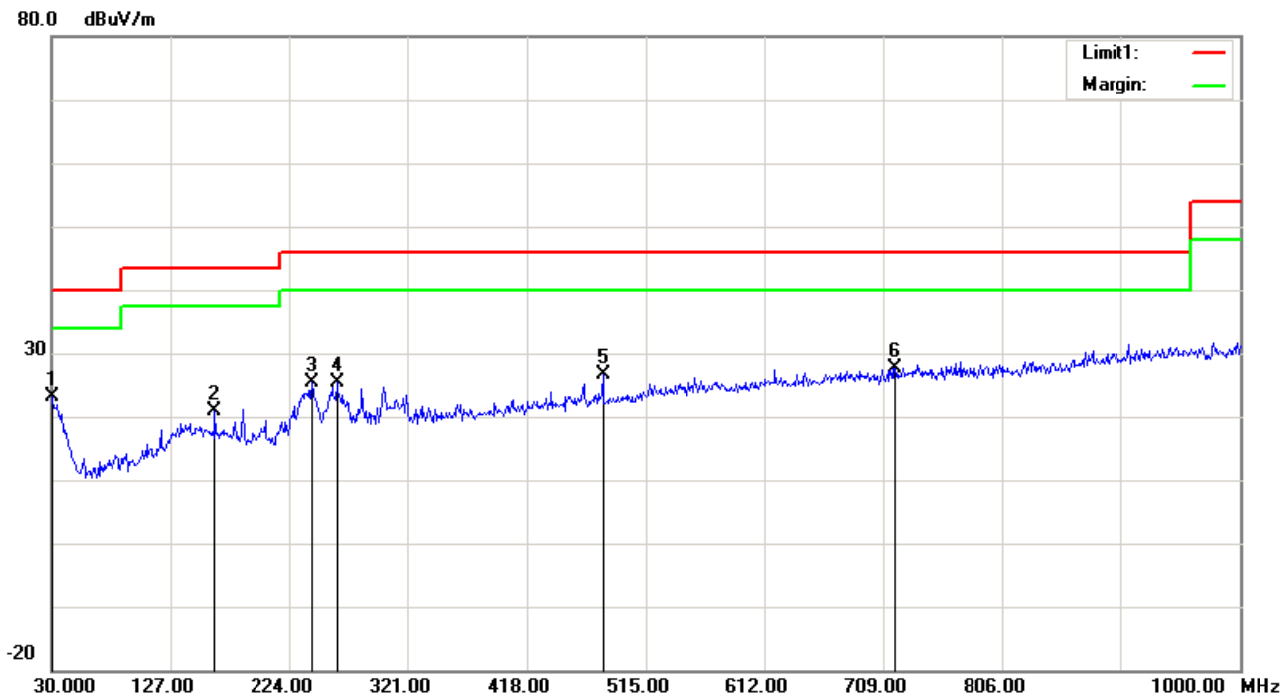
**Polarization:** Vertical  
**Power:** AC 120V/60Hz  
**Distance:** 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	35.8200	30.98	peak	-7.37	23.61	40.00	16.39
2	136.7000	33.11	peak	-9.41	23.70	43.50	19.80
3	244.3700	40.59	peak	-9.92	30.67	46.00	15.33
4	423.8200	32.05	peak	-4.75	27.30	46.00	18.70
5	640.1300	28.44	peak	-0.77	27.67	46.00	18.33
6	800.1800	28.30	peak	1.09	29.39	46.00	16.61

**Condition:** FCC Part 15B Class B  
**EUT:** WiFi BULB  
**Model:** BA60H-W0060-RCBW-E6  
**Test Mode:** On  
**Note:**

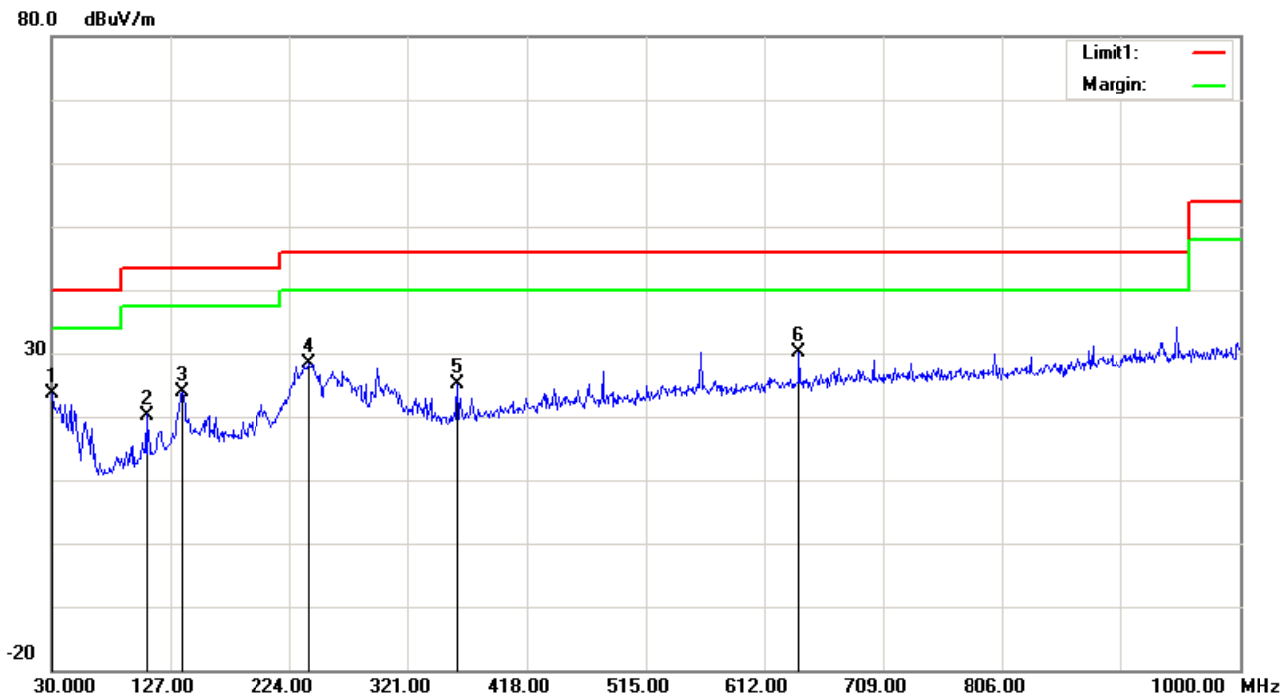
**Polarization:** Horizontal  
**Power:** AC 120V/60Hz  
**Distance:** 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.0000	27.35	peak	-4.33	23.02	40.00	16.98
2	162.8900	30.31	peak	-9.53	20.78	43.50	22.72
3	242.4300	35.34	peak	-9.95	25.39	46.00	20.61
4	262.8000	34.42	peak	-9.11	25.31	46.00	20.69
5	480.0800	30.51	peak	-3.83	26.68	46.00	19.32
6	718.7000	27.03	peak	0.49	27.52	46.00	18.48

**Condition:** FCC Part 15B Class B  
**EUT:** WiFi BULB  
**Model:** BA60H-W0060-RCBW-E6  
**Test Mode:** On  
**Note:**

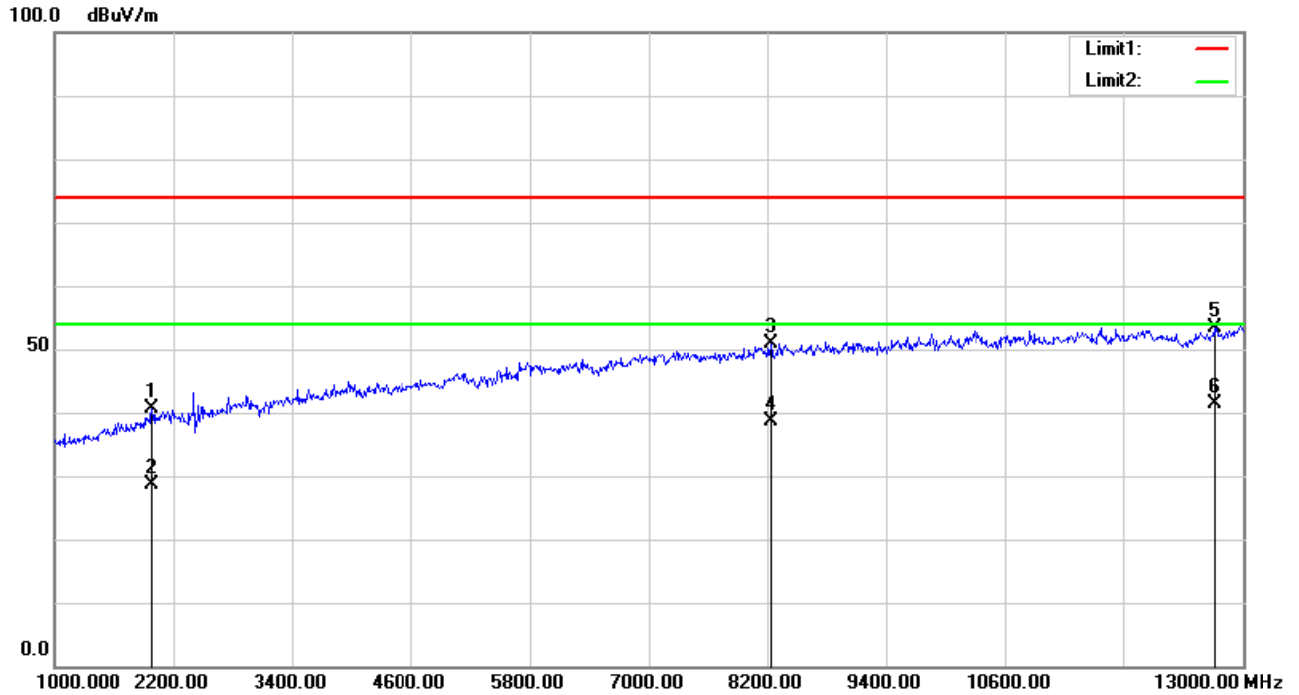
**Polarization:** Vertical  
**Power:** AC 120V/60Hz  
**Distance:** 3m



No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	30.9700	28.56	peak	-4.88	23.68	40.00	16.32
2	107.6000	33.52	peak	-13.27	20.25	43.50	23.25
3	136.7000	33.25	peak	-9.41	23.84	43.50	19.66
4	239.5200	38.63	peak	-10.13	28.50	46.00	17.50
5	361.7400	31.27	peak	-6.05	25.22	46.00	20.78
6	640.1300	30.81	peak	-0.77	30.04	46.00	15.96

**Condition:** FCC Part 15B Class B  
**EUT:** WiFi BULB  
**Model:** BA60H-W0080-R2BW-E6  
**Test Mode:** On  
**Note:**

**Polarization:** Horizontal  
**Power:** AC 120V/60Hz  
**Distance:** 3m

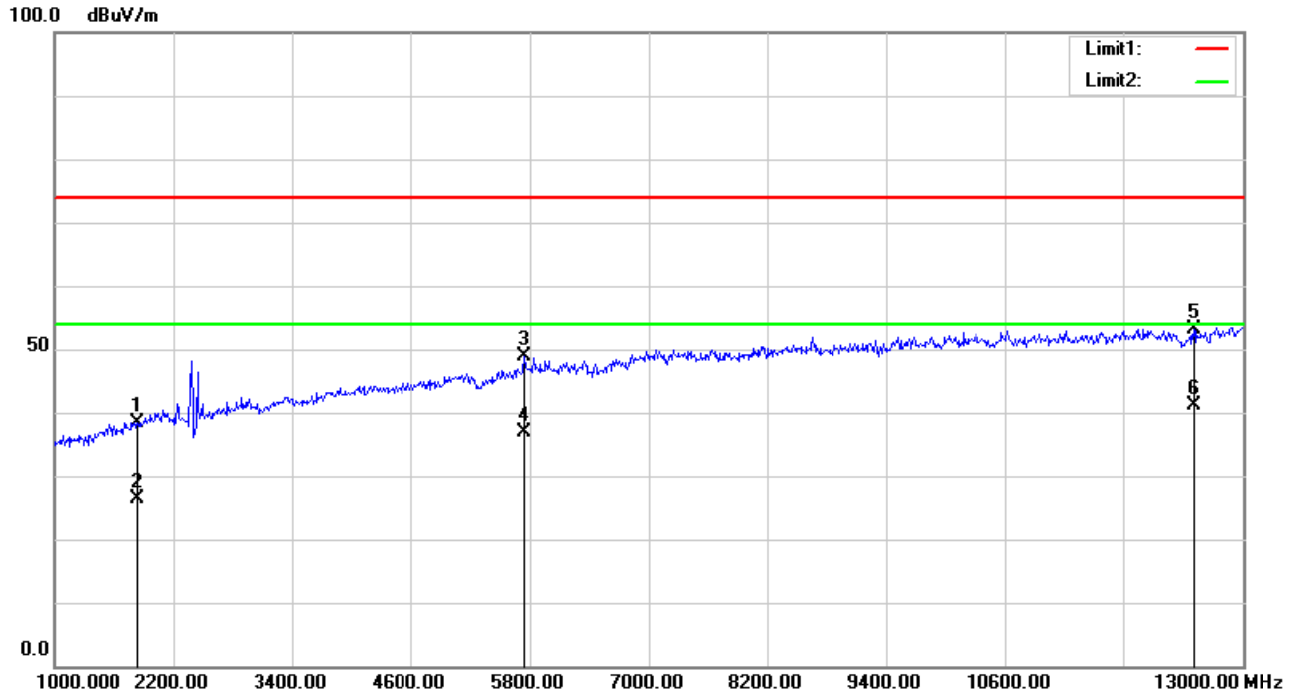


No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	1990.000	37.07	peak	3.55	40.62	74.00	33.38
2	1990.000	25.03	AVG	3.55	28.58	54.00	25.42
3	8242.000	34.87	peak	15.99	50.86	74.00	23.14
4	8242.000	22.76	AVG	15.99	38.75	54.00	15.25
5	12718.000	32.40	peak	21.01	53.41	74.00	20.59
6	12718.000	20.34	AVG	21.01	41.35	54.00	12.65

Note: Since spectrum analyzer was used for above 1GHz testing, average trace cannot be shown in the figure, the average value was measured at spectrum analyzer by reducing the span (e.g.: 1MHz).

**Condition:** FCC Part 15B Class B  
**EUT:** WiFi BULB  
**Model:** BA60H-W0080-R2BW-E6  
**Test Mode:** On  
**Note:**

**Polarization:** Vertical  
**Power:** AC 120V/60Hz  
**Distance:** 3m

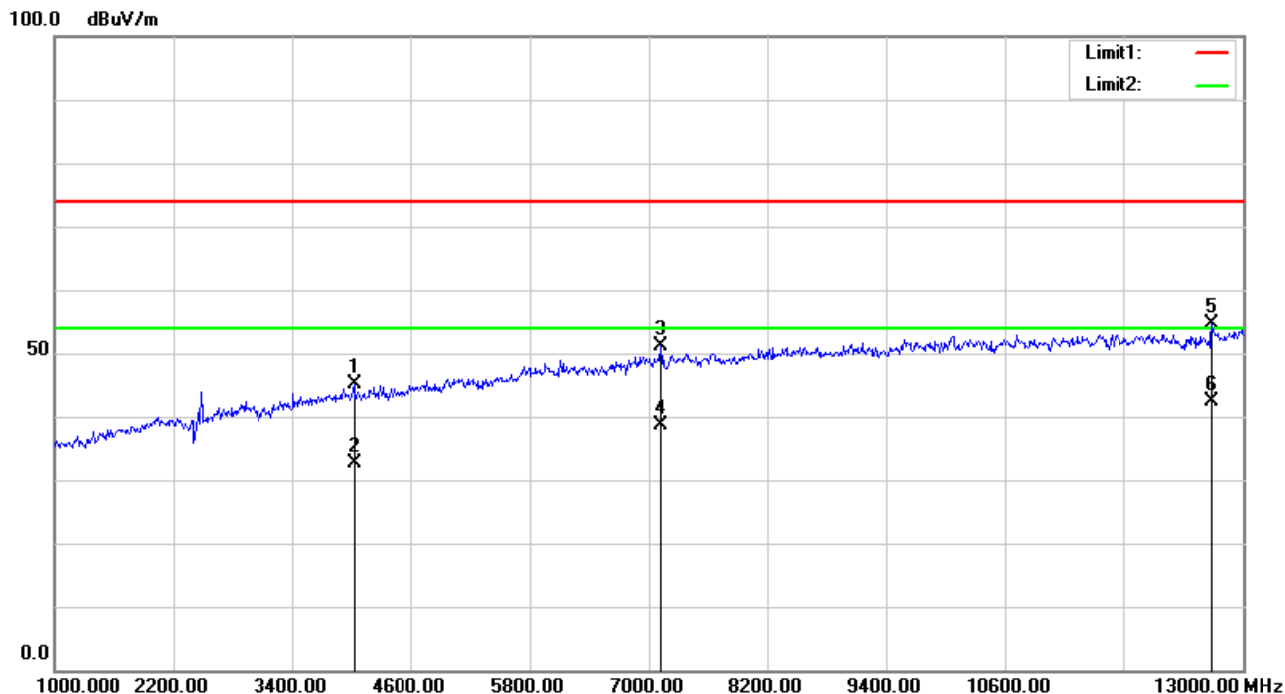


No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	1840.000	36.09	peak	2.34	38.43	74.00	35.57
2	1840.000	24.03	AVG	2.34	26.37	54.00	27.63
3	5746.000	35.62	peak	13.23	48.85	74.00	25.15
4	5746.000	23.57	AVG	13.23	36.80	54.00	17.20
5	12508.000	32.71	peak	20.39	53.10	74.00	20.90
6	12508.000	20.65	AVG	20.39	41.04	54.00	12.96

Note: Since spectrum analyzer was used for above 1GHz testing, average trace cannot be shown in the figure, the average value was measured at spectrum analyzer by reducing the span (e.g.: 1MHz).

**Condition:** FCC Part 15B Class B  
**EUT:** WiFi BULB  
**Model:** BA60H-W0080-RCBW-E6  
**Test Mode:** On  
**Note:**

**Polarization:** Horizontal  
**Power:** AC 120V/60Hz  
**Distance:** 3m

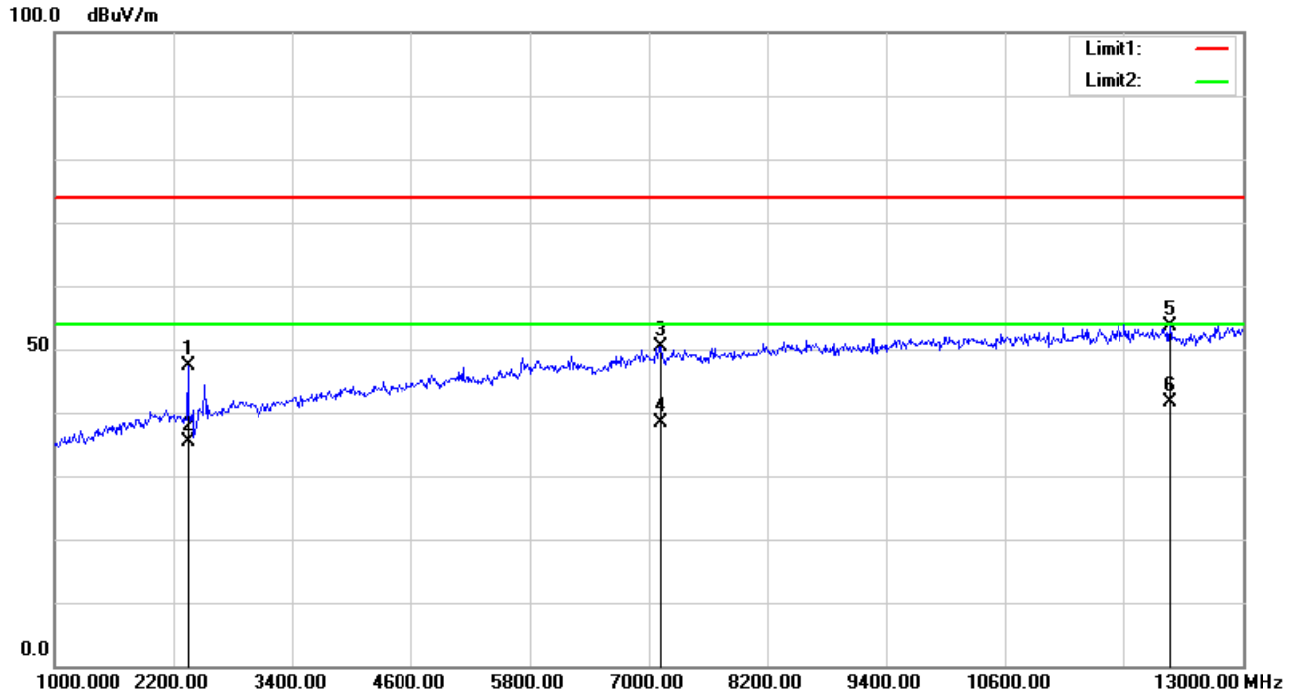


No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	4030.000	36.02	peak	9.10	45.12	74.00	28.88
2	4030.000	23.58	AVG	9.10	32.68	54.00	21.32
3	7126.000	36.05	peak	14.97	51.02	74.00	22.98
4	7126.000	23.63	AVG	14.97	38.60	54.00	15.40
5	12694.000	33.61	peak	20.93	54.54	74.00	19.46
6	12694.000	21.46	AVG	20.93	42.39	54.00	11.61

Note: Since spectrum analyzer was used for above 1GHz testing, average trace cannot be shown in the figure, the average value was measured at spectrum analyzer by reducing the span (e.g.: 1MHz).

**Condition:** FCC Part 15B Class B  
**EUT:** WiFi BULB  
**Model:** BA60H-W0080-RCBW-E6  
**Test Mode:** On  
**Note:**

**Polarization:** Vertical  
**Power:** AC 120V/60Hz  
**Distance:** 3m



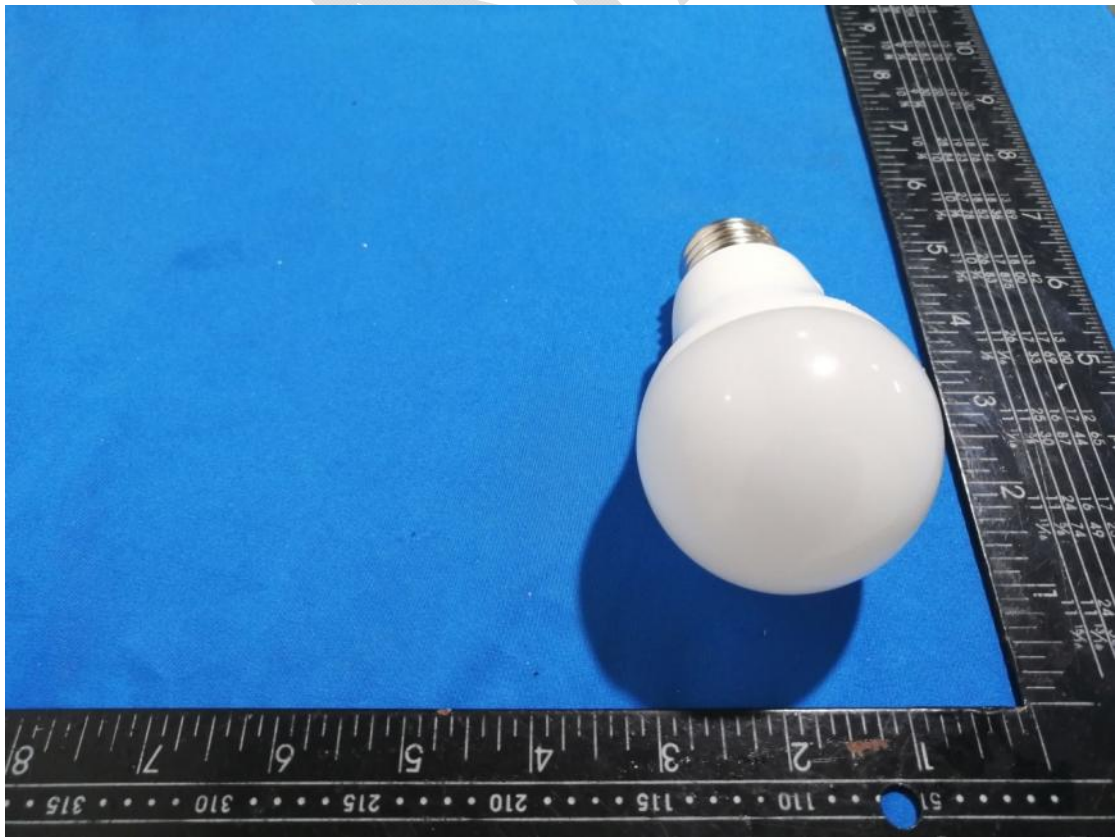
No.	Frequency (MHz)	Reading (dBμV)	Detector	Corrected (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	2344.000	44.07	peak	3.42	47.49	74.00	26.51
2	2344.000	32.05	AVG	3.42	35.47	54.00	18.53
3	7120.000	35.49	peak	14.97	50.46	74.00	23.54
4	7120.000	23.46	AVG	14.97	38.43	54.00	15.57
5	12268.000	33.23	peak	20.46	53.69	74.00	20.31
6	12268.000	21.17	AVG	20.46	41.63	54.00	12.37

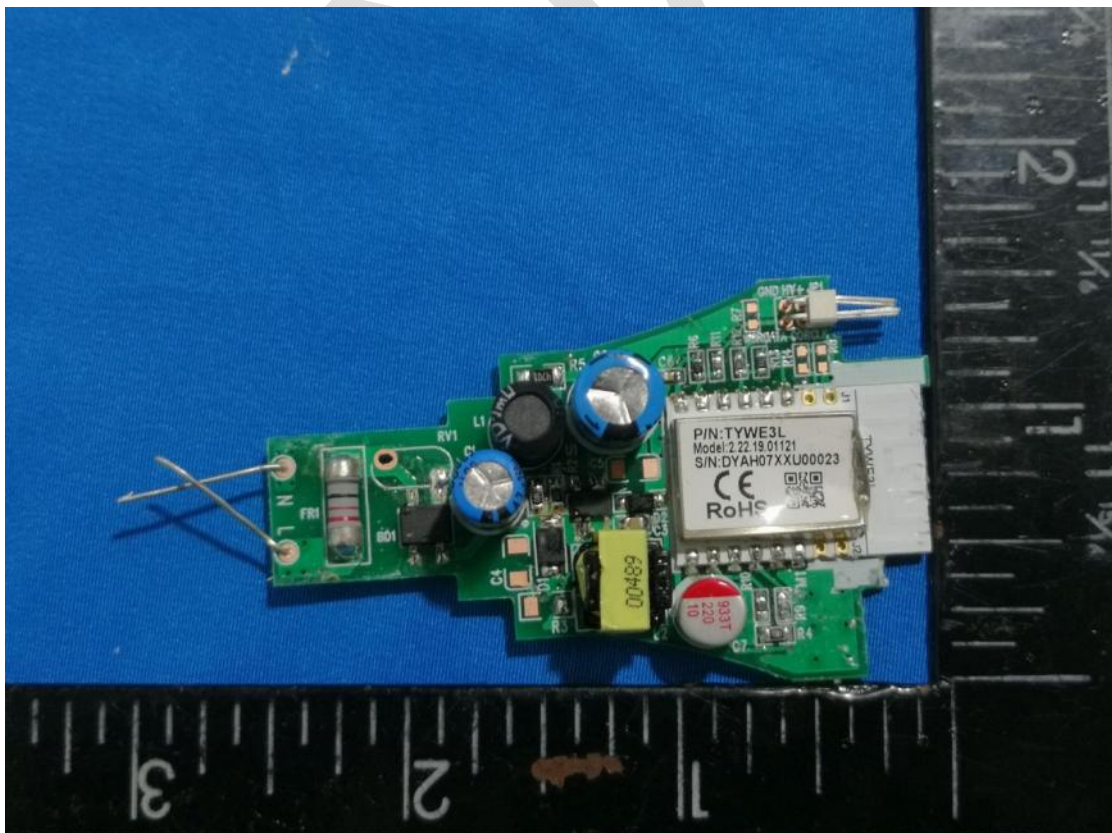
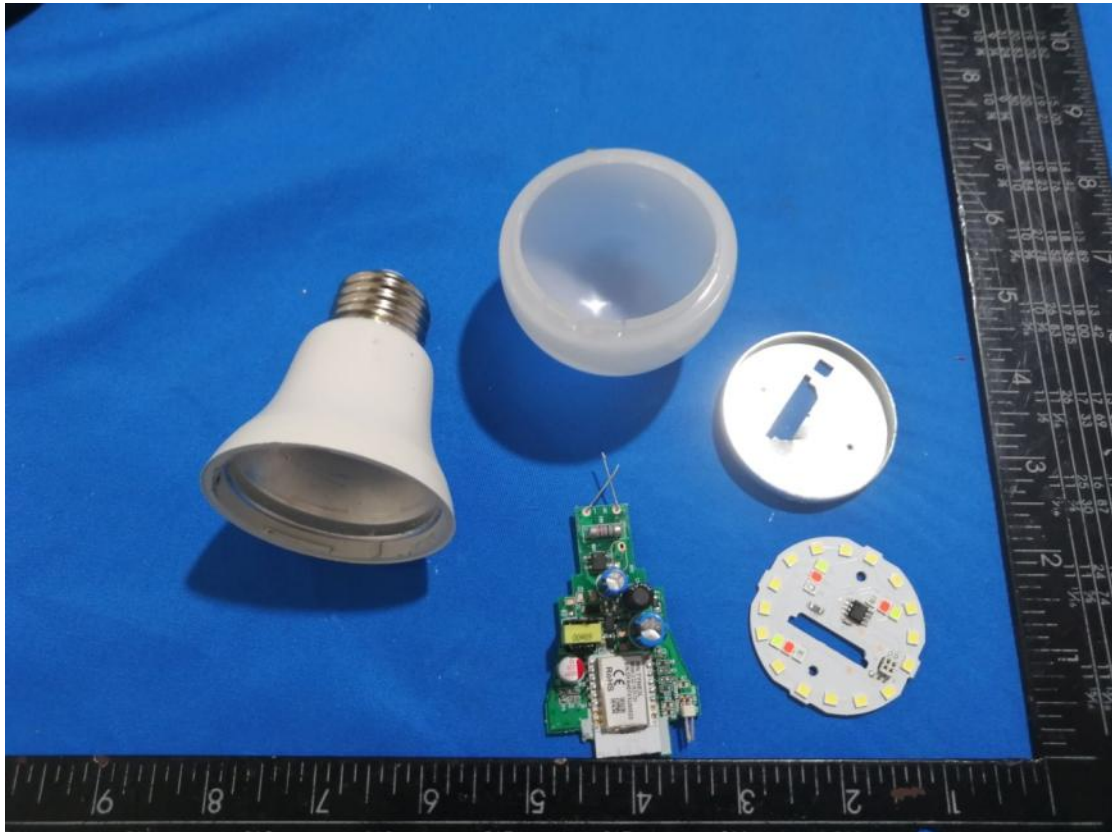
Note: Since spectrum analyzer was used for above 1GHz testing, average trace cannot be shown in the figure, the average value was measured at spectrum analyzer by reducing the span (e.g.: 1MHz).

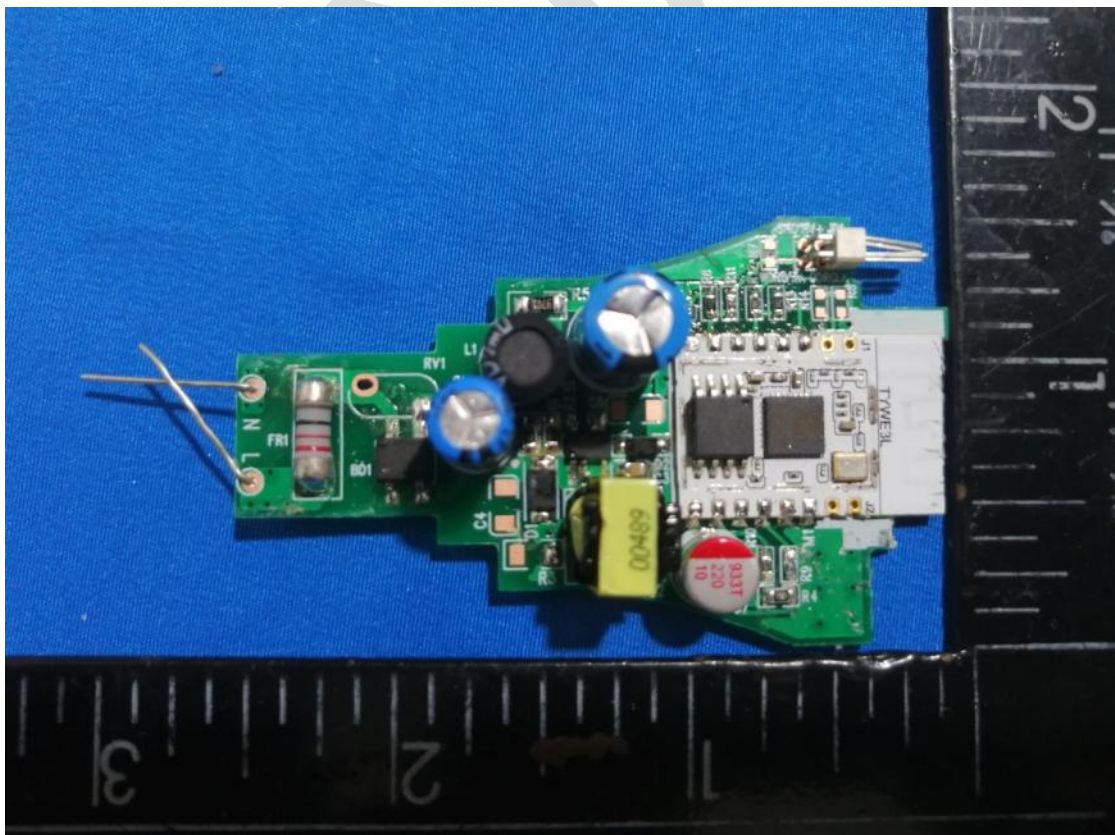
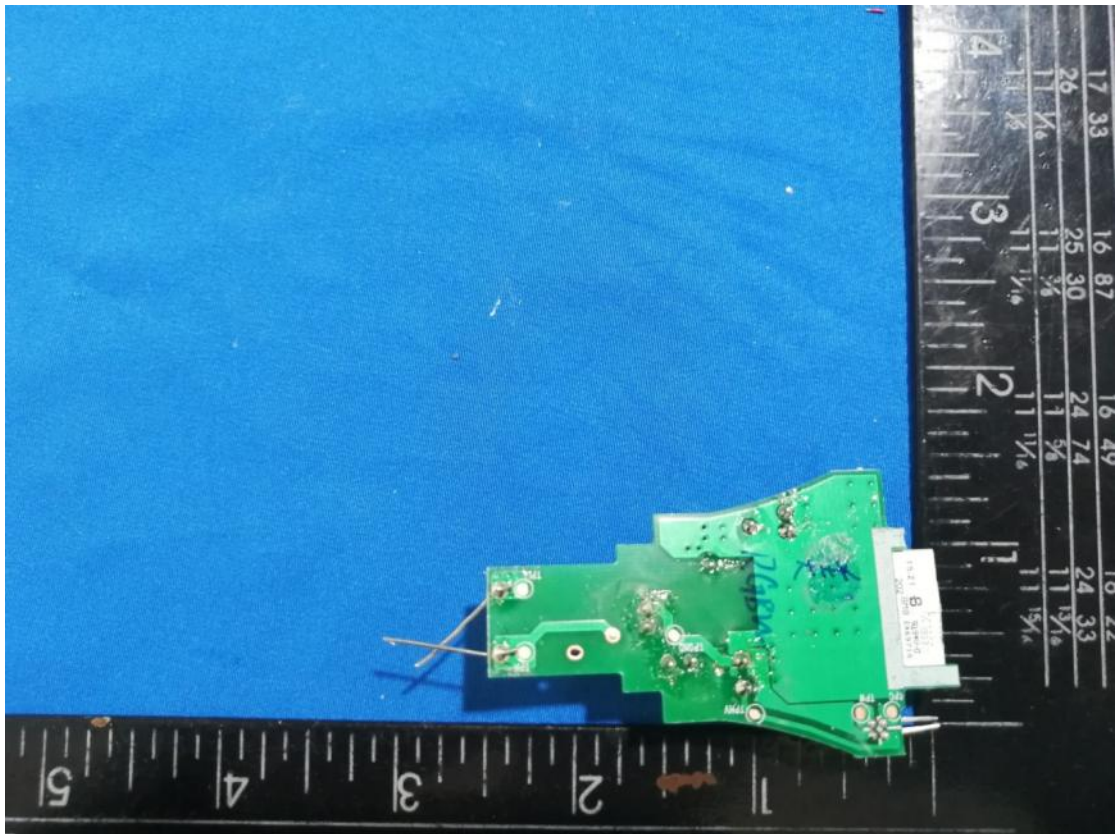


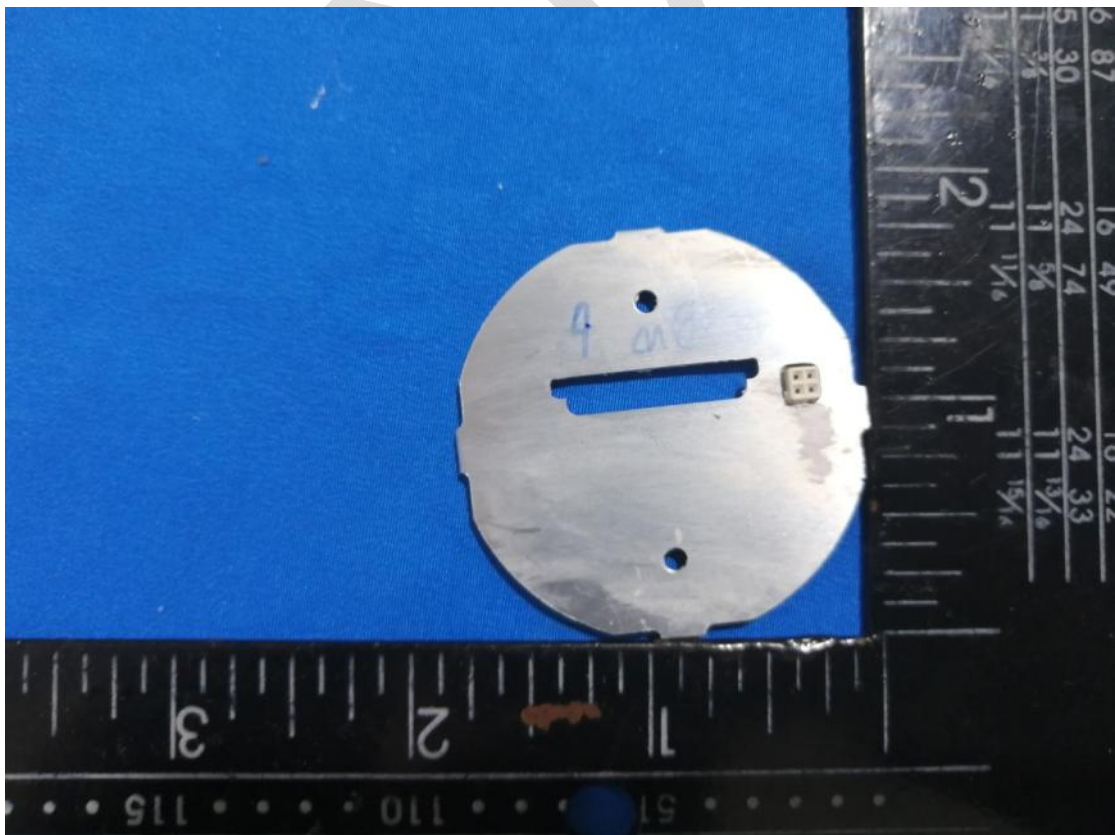
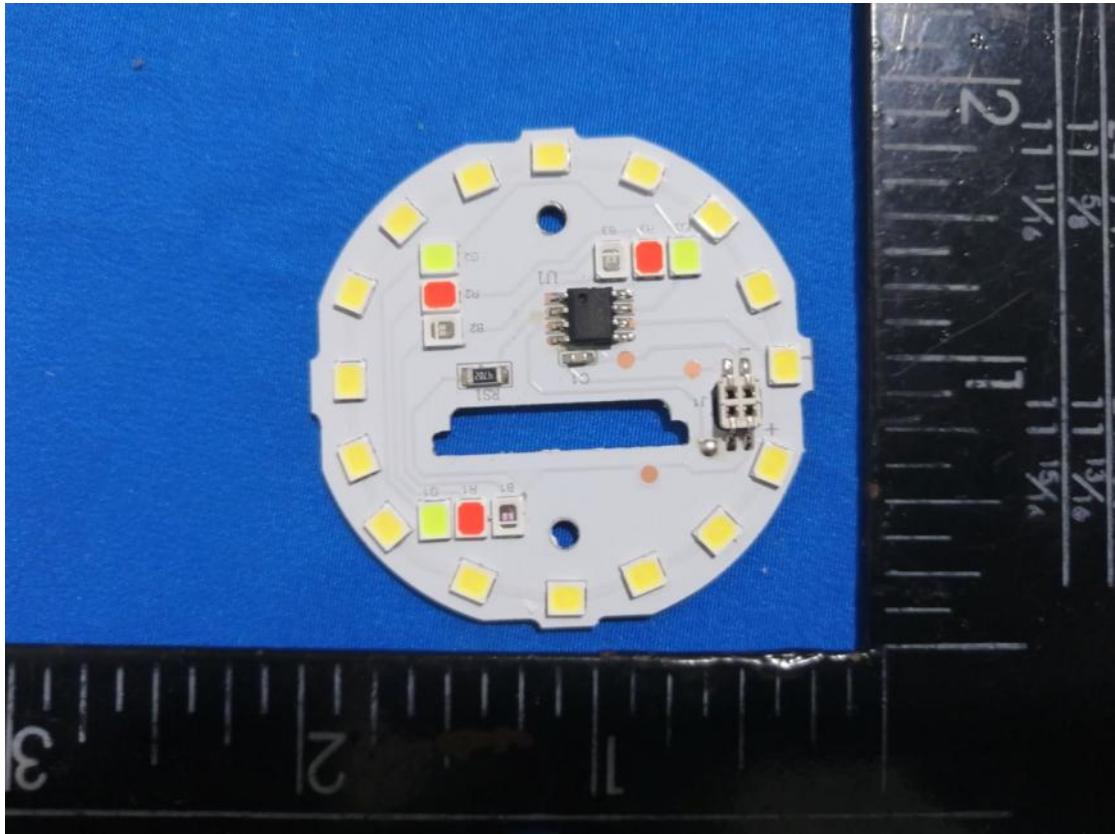
**EXHIBIT A – EUT PHOTOGRAPHS**

**EUT1 BA60H-W0080-R2BW-E6**



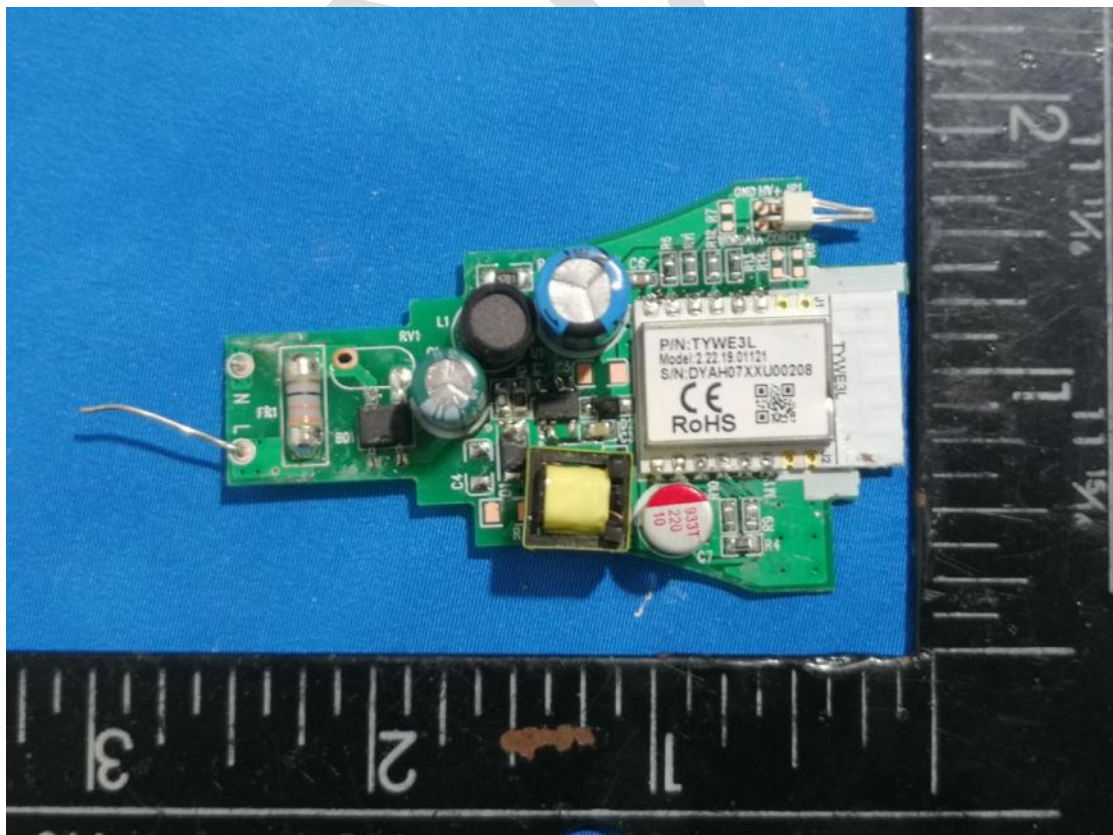


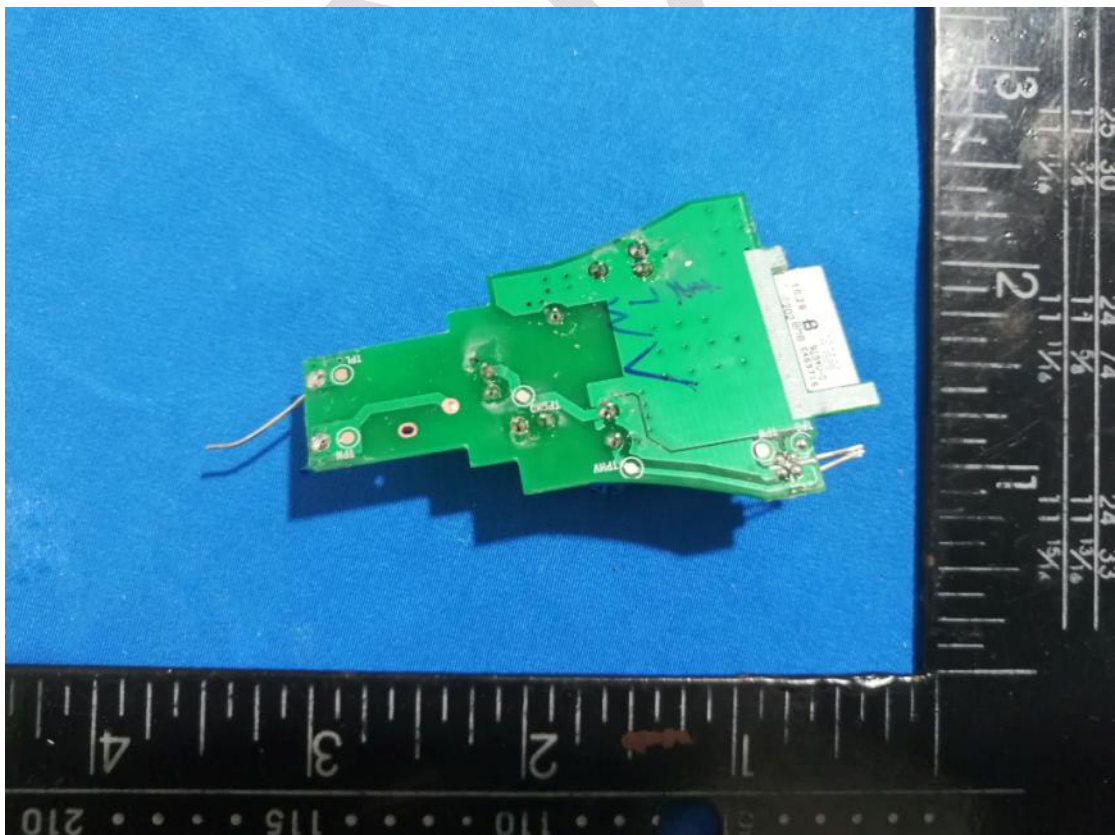
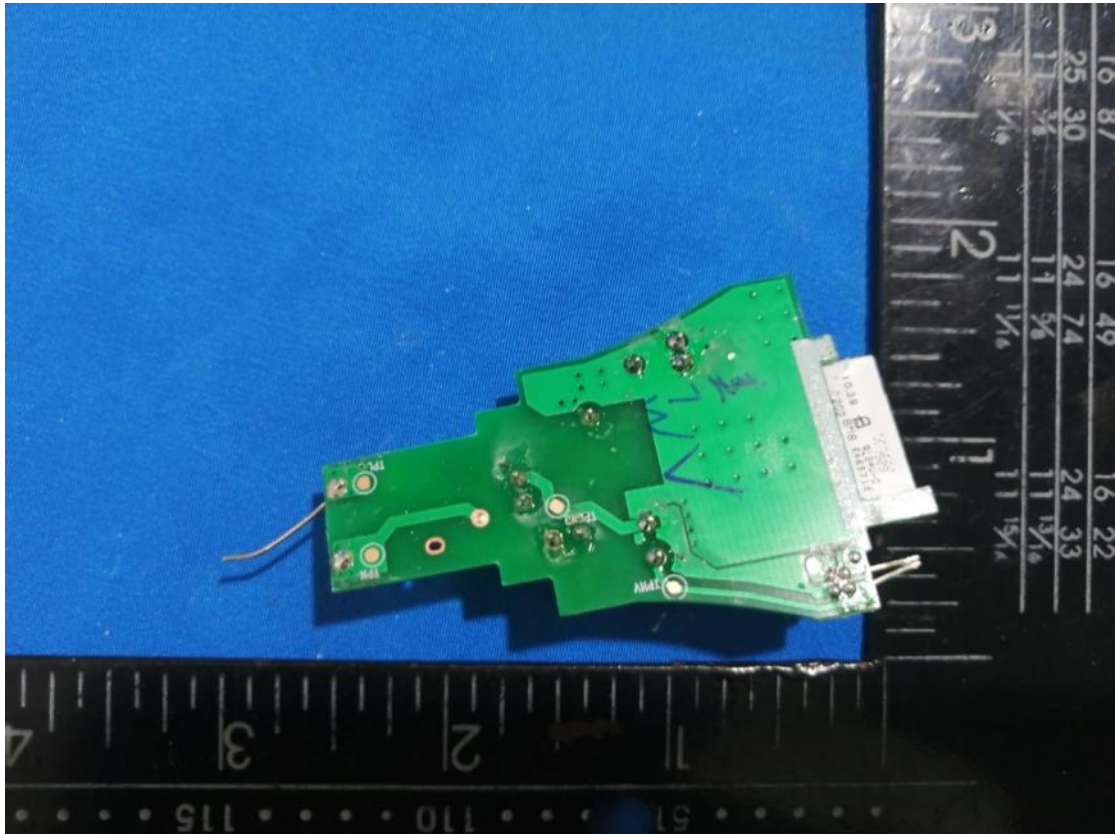


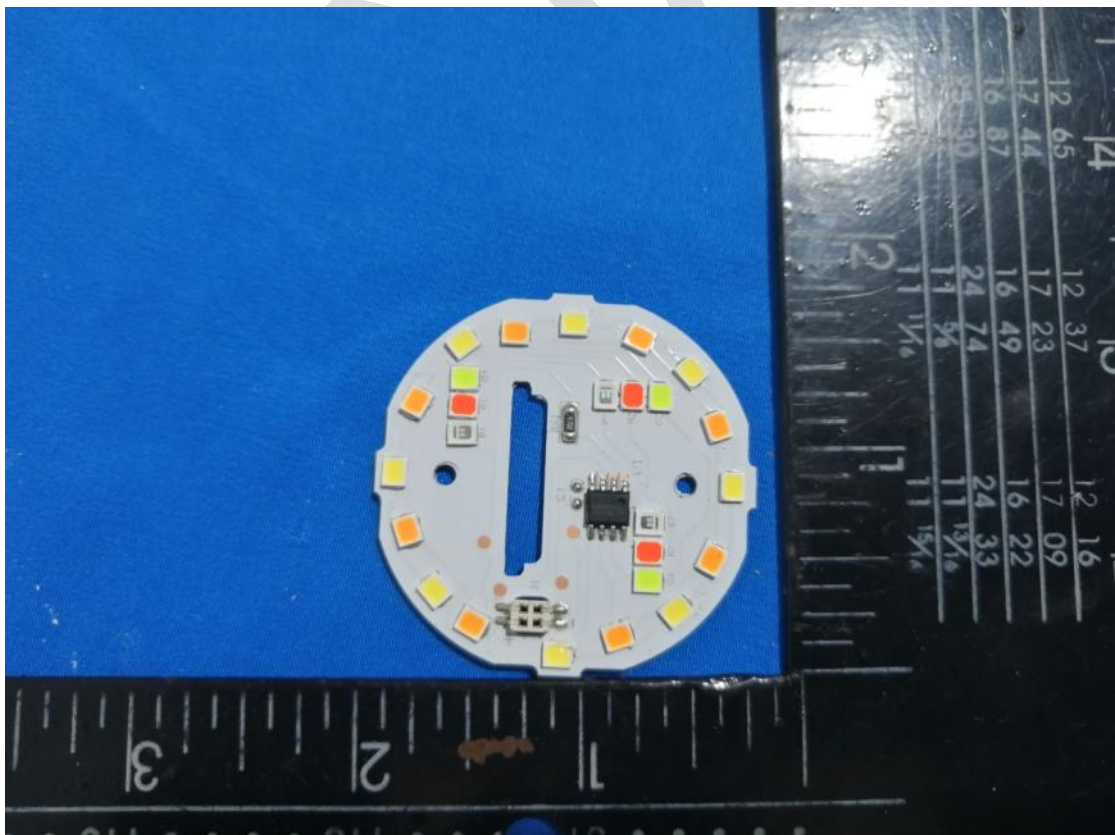
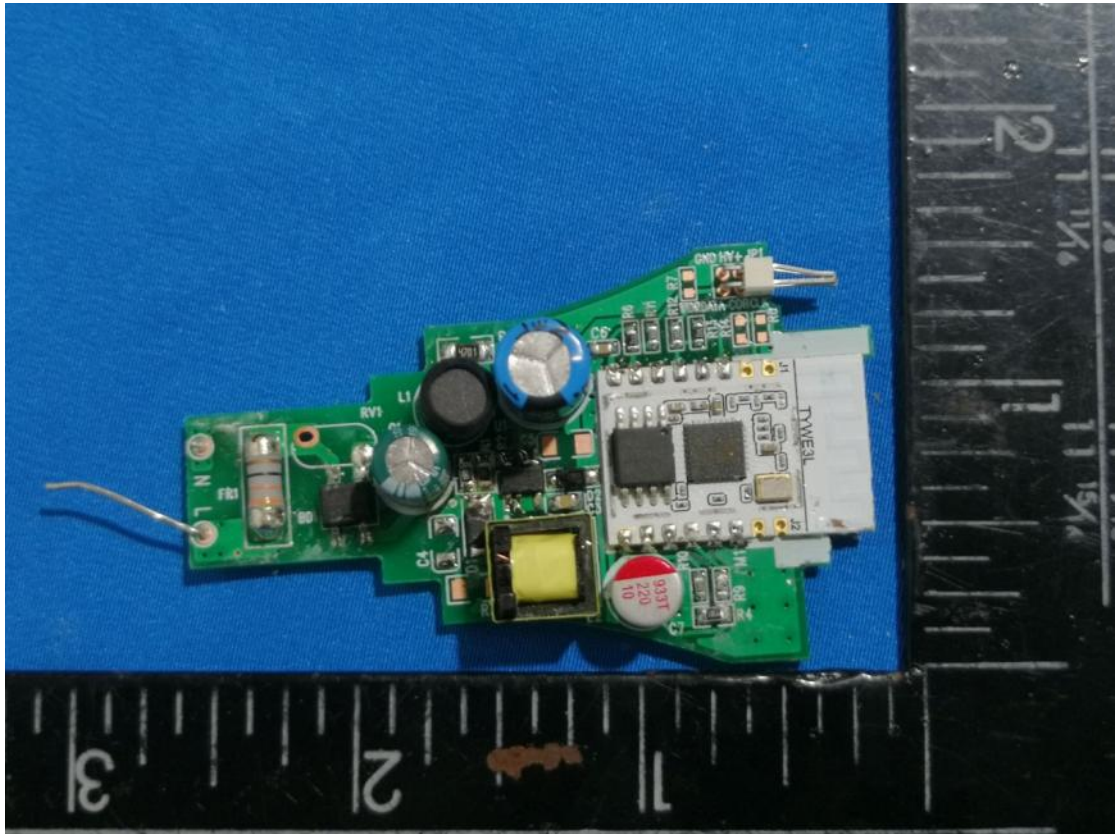


**EUT 2 BA60H-W0060-RCBW-E6**

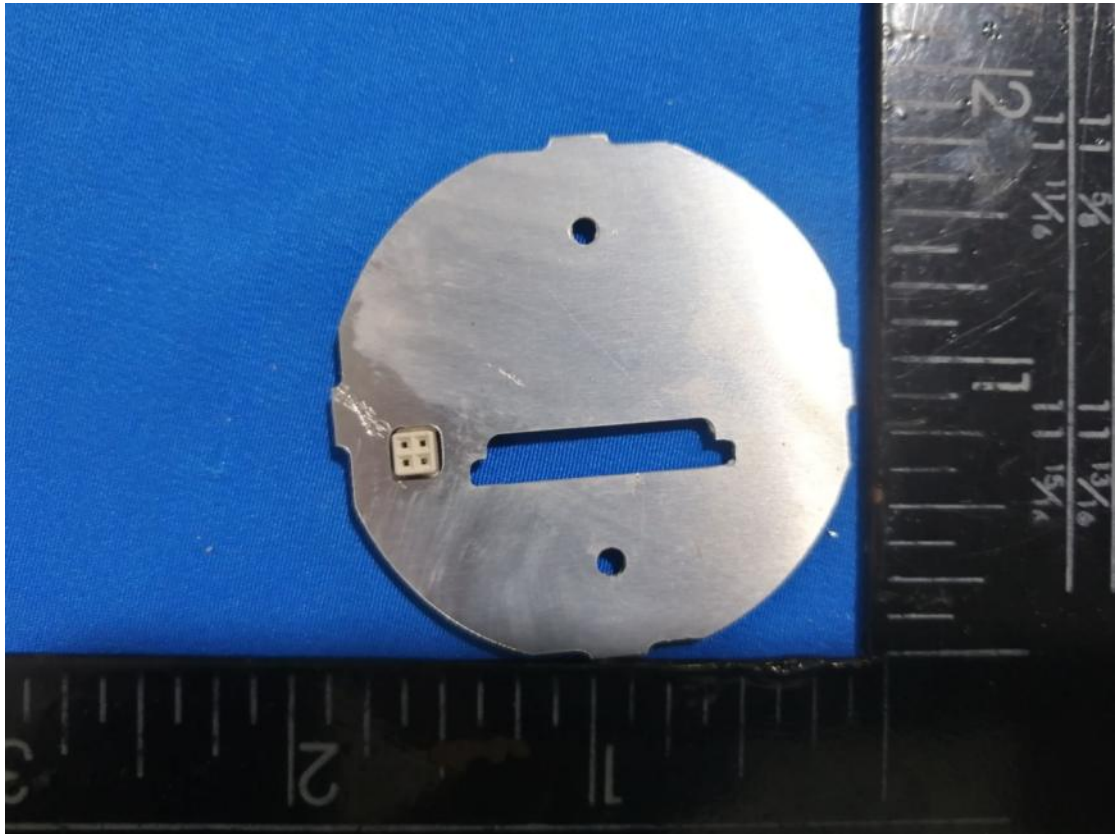












FN

**EXHIBIT B – TEST SETUP PHOTOGRAPHS**

CE

CE front BA60H-W0080-R2BW-E6 View



CE Side BA60H-W0080-R2BW-E6 View



CE Front BA60H-W0080-RCBW-E6 View



CE side BA60H-W0080-RCBW-E6 View



RE

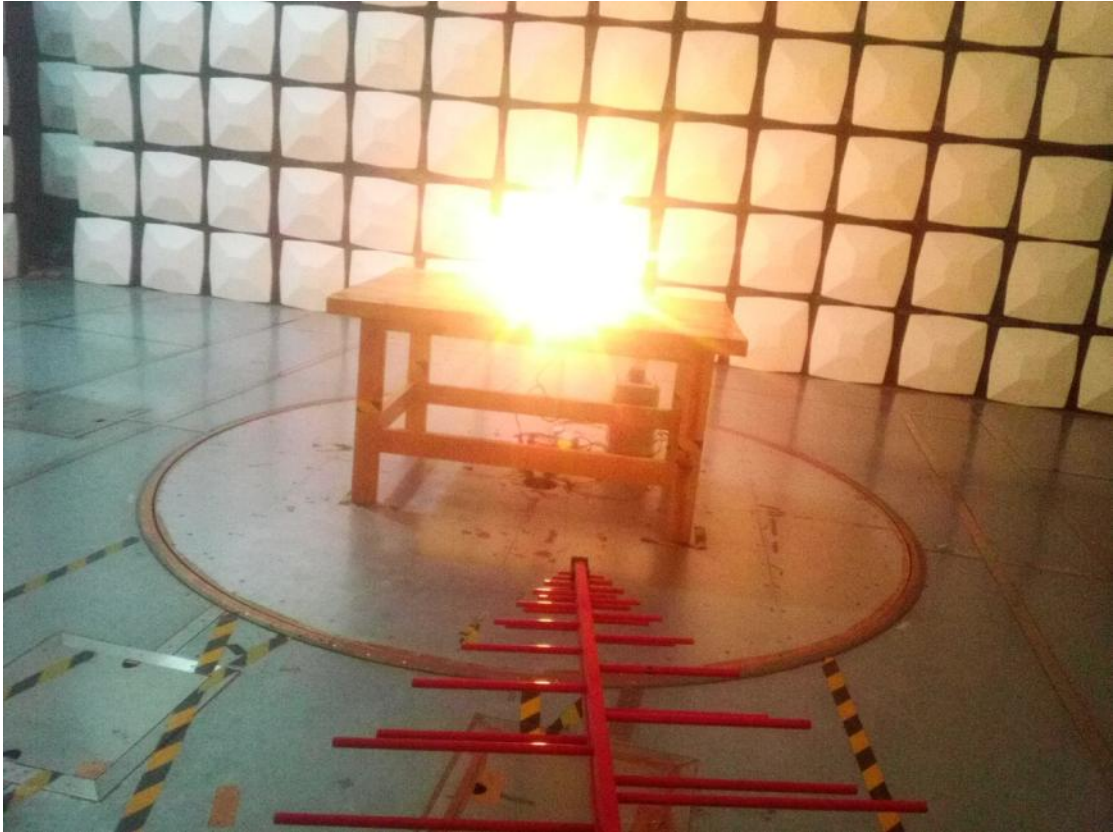
RE Below 1G front BA60H-W0080-R2BW-E6 View



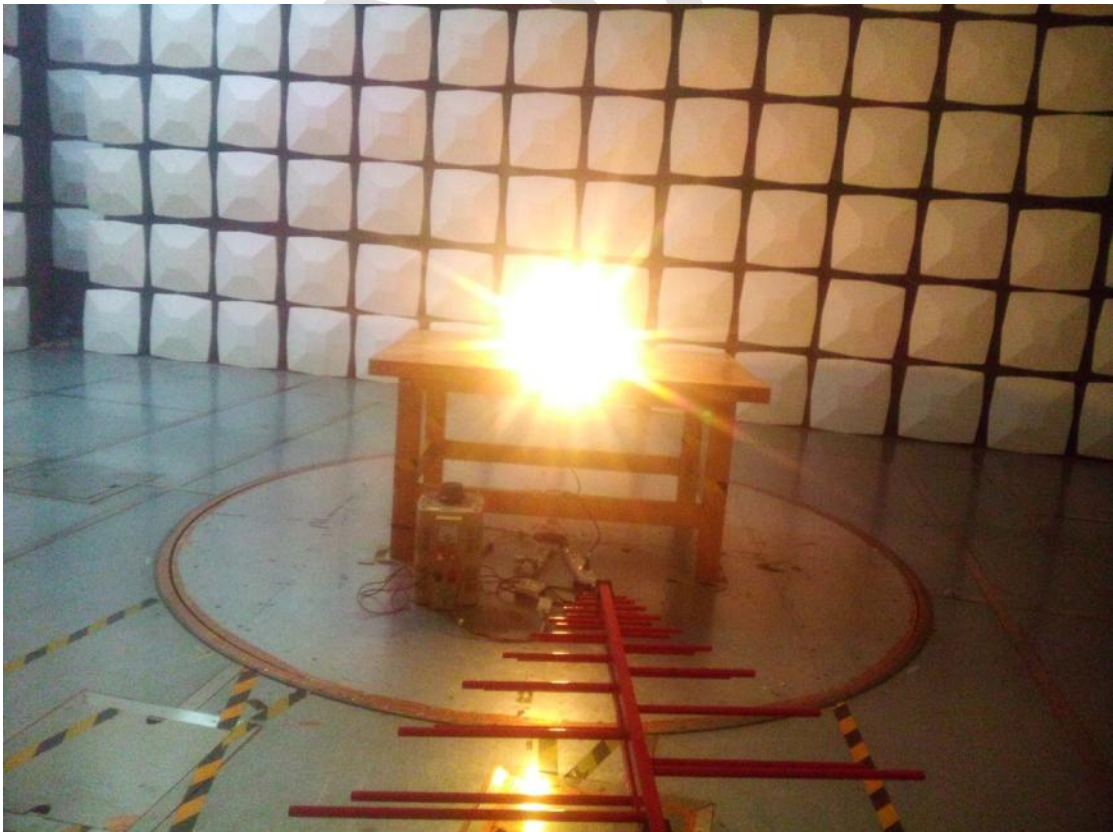
RE Below 1G rear BA60H-W0080-R2BW-E6 View



RE Below 1G front BA60H-W0080-RCBW-E6 View



RE Below 1G rear BA60H-W0080-RCBW-E6 View



RE above 1G front BA60H-W0080-R2BW-E6 View



RE above 1G rear BA60H-W0080-R2BW-E6 View



RE above 1G front BA60H-W0080-RCBW-E6 View



RE above 1G rear BA60H-W0080-RCBW-E6 View



\*\*\*\*\*END OF REPORT\*\*\*\*\*