# FCC TEST REPORT

For

UNITED CHINESE PLASTICS PRODUCTS CO., LTD.

BELL

Model No.: 160893, 160894

| | | |
|---|---|---|
| Prepared For | : | UNITED CHINESE PLASTICS PRODUCTS CO., LTD. |
| Address | : | Block C, 3/F, Eldex Industrial Building,21Ma Tau Wai Road, Hung Hom, Kowloon, HK |
| Prepared By | : | Shenzhen Anbotek Compliance Laboratory Limited |
| Address | : | 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102<br>Tel: (86) 755-26066365 Fax: (86) 755-26014772 |
| Report Number | : | SZAWW171229005-01 |
| Date of Test | : | Dec. 29, 2017~Jan. 11, 2018 |
| Date of Report | : | Jan. 11, 2018 |

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# TEST REPORT

| | | |
|---|---|---|
| Applicant | : | UNITED CHINESE PLASTICS PRODUCTS CO., LTD. |
| Manufacturer | : | Shenzhen Qijiahui Creative Technology Development Co., Ltd. |
| Product Name | : | BELL |
| Model No. | : | 160893, 160894 |
| Trade Mark | : | N/A |
| Rating(s) | : | Input: DC 12V |

| | | |
|---|---|---|
| **Test Standard(s)** | **:** | **FCC Part15 Subpart C 2016, Section 15.231** |
| **Test Method(s)** | **:** | **ANSI C63.10: 2013** |

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 15 Subpart C requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Test : : Dec. 29, 2017~Jan. 11, 2018

Prepared by : : Winkey Wang

(Tested Engineer / Winkey Wang)

Reviewer : : Tangcy. T.

(Project Manager / Tangcy. T)

Approved & Authorized Signer : : Tom Chen

(Manager / Tom Chen)

# 1. General Information

## 1.1. Client Information

| | | |
|---|---|---|
| Applicant | : | UNITED CHINESE PLASTICS PRODUCTS CO., LTD. |
| Address | : | Block C, 3/F, Eldex Industrial Building,21Ma Tau Wai Road, Hung Hom, Kowloon, HK |
| Manufacturer | : | Shenzhen Qijiahui Creative Technology Development Co., Ltd. |
| Address | : | 4th Floor, Building 5, Rihai Technology Park, No.46, Dakeng Road, Tongle Community, Baolong Street, Longgang District, Shenzhen |

## 1.2. Description of Device (EUT)

| | | | |
|---|---|---|---|
| Product Name | : | BELL | |
| Model No. | : | 160893, 160894 (Note: All above models are identical in the same PCB layout, interior structure and electrical circuits. The differences are appearance and color and model name for commercial purpose. So we prepare "160893" for test only.) | |
| Trade Mark | : | N/A | |
| Test Power Supply | : | DC 12V | |
| Product Description | : | Operation Frequency: | 433.92MHz |
| | | Number of Channel: | 1 Channels |
| | | Modulation Type: | ASK |
| | | Antenna Type: | PCB Antenna |
| | | Antenna Gain(Peak): | 0 dbi |
| **Remark:** 1)For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. | | | |

## 1.3. Auxiliary Equipment Used During Test

| | | |
|---|---|---|
| Adapter | | N/A |

## 1.4. Description of Test Modes

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| Pretest Mode | Description |
|---|---|
| Mode 1 | Keeping TX |

| For Radiated Emission | |
|---|---|
| Final Test Mode | Description |
| Mode 1 | Keeping TX |

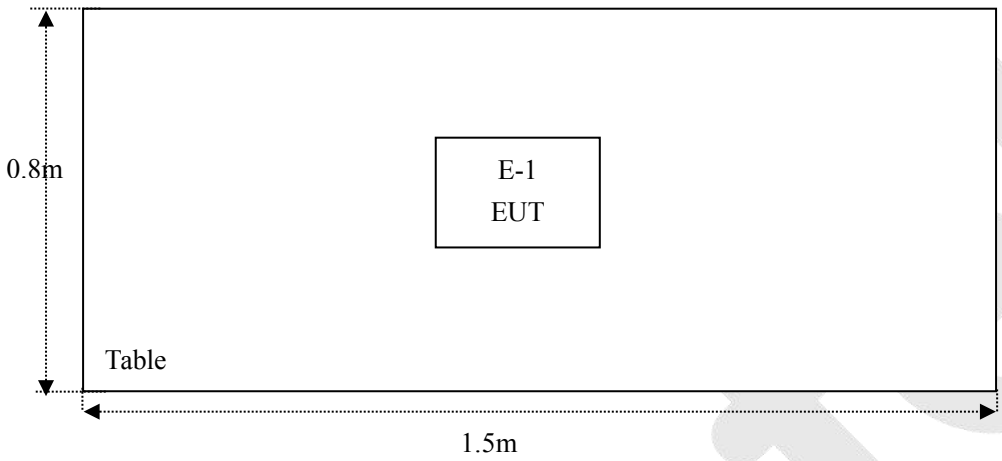
Note: During the test, the EUT was keeping continuous transmission.

## 1.5. List of channels

| Channel | Freq. (MHz) | Note (Modulation Type) |
|---|---|---|
| 01 | 433.92 | ASK |

## 1.6. Description Of Test Setup

RE



## 1.7. Test Equipment List

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|---|---|---|---|---|---|---|
| 1. | L.I.S.N. Artificial Mains Network | Rohde & Schwarz | ENV216 | 100055 | May 27, 2017 | 1 Year |
| 2. | EMI Test Receiver | Rohde & Schwarz | ESCI | 100627 | May 27, 2017 | 1 Year |
| 3. | RF Switching Unit | Compliance Direction | RSU-M2 | 38303 | May 27, 2017 | 1 Year |
| 4. | Spectrum Analysis | Agilent | E4407B | US39390582 | May 27, 2017 | 1 Year |
| 5. | Spectrum Analysis | Agilent | N9038A | MY53227295 | May 27, 2017 | 1 Year |
| 6. | Preamplifier | SKET Electronic | BK1G18G30 D | KD17503 | May 27, 2017 | 1 Year |
| 7. | EMI Test Receiver | Rohde & Schwarz | ESPI | 101604 | May 27, 2017 | 1 Year |
| 8. | Double Ridged Horn Antenna | Instruments corporation | GTH-0118 | 351600 | May 31, 2017 | 1 Year |
| 9. | Bilog Broadband Antenna | Schwarzbeck | VULB9163 | VULB 9163-289 | May 31, 2017 | 1 Year |
| 10. | Loop Antenna | Schwarzbeck | HFH2-Z2 | 100047 | Apr. 03, 2017 | 1 Year |
| 11. | Horn Antenna | Schewarzbeck | BBHA9170 | 9170-375 | May 27, 2017 | 1 Year |
| 12. | Pre-amplifier | SONOMA | 310N | 186860 | May 27, 2017 | 1 Year |
| 13. | Pre-amplifier | SKET Electronic | BK1G40G50 A | KD25352 | May 27, 2017 | 1 Year |
| 14. | EMI Test Software EZ-EMC | SHURPLE | N/A | N/A | N/A | N/A |
| 15. | Power Sensor | DAER | RPR3006W | 15I00041SN045 | May 27, 2017 | 1 Year |
| 16. | Power Sensor | DAER | RPR3006W | 15I00041SN046 | May 27, 2017 | 1 Year |
| 17. | MXA Spectrum Analysis | Agilent | N9020A | MY51170037 | May 27, 2017 | 1 Year |
| 18. | MXG RF Vector Signal Generator | Agilent | N5182A | MY48180656 | May 27, 2017 | 1 Year |
| 19. | Signal Generator | Agilent | E4421B | MY41000743 | May 27, 2017 | 1 Year |
| 20. | DC Power supply | IVYTECH | IV6003 | 1601D6030007 | May 26, 2017 | 1 Year |
| 21. | TEMP&HUMI PROGRAMMABLE CHAMBER | Sertep | ZJ-HWHS80 B | ZJ-17042804 | Mar. 03, 2017 | 1 Year |

## 1.8. Measurement Uncertainty

| | | |
|---|---|---|
| Radiation Uncertainty | : | Ur = 4.1 dB (Horizontal) |
| | | Ur = 4.3 dB (Vertical) |
| | | |
| Conduction Uncertainty | : | Uc = 3.4dB |

## 1.9. Description of Test Facility

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

**FCC-Registration No.: 184111**

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registed and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111, July 31, 2017.

**ISED-Registration No.: 8058A-1**

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A-1, June 13, 2016.

**Test Location**

All Emissions tests were performed at

Shenzhen Anbotek Compliance Laboratory Limited. at 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102

# 2. Summary of Test Results

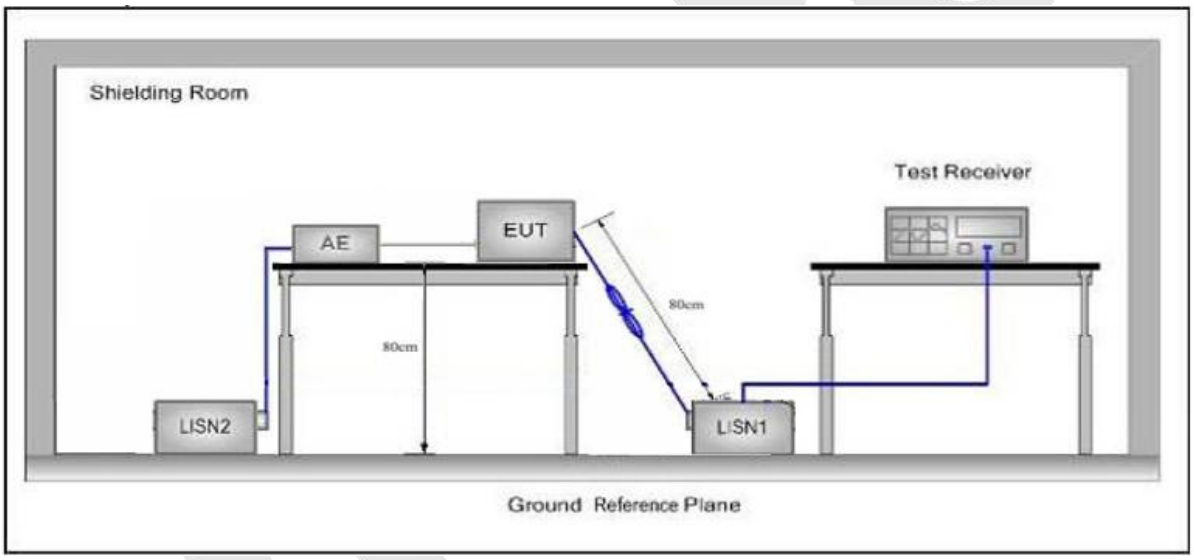
| Standard Section | Test Item | Result |
|---|---|---|
| 15.203 | Antenna Requirement | PASS |
| 15.207 | Conducted Emission | N/A |
| 15.205/15.209/15.231(b) | Spurious Emission | PASS |
| 15.231(c) | 20dB Occupied Bandwidth | PASS |
| 15.231(a) | Dwell time | PASS |
| **Remark:** "N/A" is an abbreviation for Not Applicable. | | |

# 3. Conducted Emission Test

## 3.1. Test Standard and Limit

| Test Standard | FCC Part15 Section 15.207 | | |
|---|---|---|---|
| Test Limit | Frequency | Maximum RF Line Voltage (dBuV) | |
| | | Quasi-peak Level | Average Level |
| | 150kHz~500kHz | 66 ~ 56 * | 56 ~ 46 * |
| | 500kHz~5MHz | 56 | 46 |
| | 5MHz~30MHz | 60 | 50 |
| **Remark:** (1) *Decreasing linearly with logarithm of the frequency.<br>(2) The lower limit shall apply at the transition frequency. | | | |

## 3.2. Test Setup




## 3.3. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.10-2013 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

## 3.4. Test Data

There is DC 12V by Line straightly, So There is no need to test.

# 4. Radiation Spurious Emission and Band Edge

## 4.1. Test Standard and Limit

| Test Standard | FCC Part15 C Section 15.209, 15.205 and 15.231(b) | | | | |
|---|---|---|---|---|---|
| Test Limit | Frequency (MHz) | Field strength (microvolt/meter) | Limit (dBuV/m) | Remark | Measurement distance (m) |
| | 0.009MHz~0.490MHz | 2400/F(kHz) | - | - | 300 |
| | 0.490MHz-1.705MHz | 24000/F(kHz) | - | - | 30 |
| | 1.705MHz-30MHz | 30 | - | - | 30 |
| | 30MHz~88MHz | 100 | 40.0 | Quasi-peak | 3 |
| | 88MHz~216MHz | 150 | 43.5 | Quasi-peak | 3 |
| | 216MHz~960MHz | 200 | 46.0 | Quasi-peak | 3 |
| | 960MHz~1000MHz | 500 | 54.0 | Quasi-peak | 3 |
| | Above 1000MHz | 500 | 54.0 | Average | 3 |
| | | - | 74.0 | Peak | 3 |

**Remark:**

(1)The lower limit shall apply at the transition frequency.

(2) 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

the formulas for calculating the maximum permitted fundamental field strengths are as follows:
for the band 260-470 MHz, μV/m at 3 meters = 41.6667(F) - 7083.3333.
The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level

Emission Level (dBuV/m)=20log Emission Level(uV/m)

The field strength of emission limits have been calculated in below table:

| Fundamental Frequency (MHz) | Field Strength of Fundamental (dBuV/m)@3m |
|---|---|
| 433.92 | 80.82 (AVG) |
| 433.92 | 100.82 (Peak) |

## 4.2. Test Setup

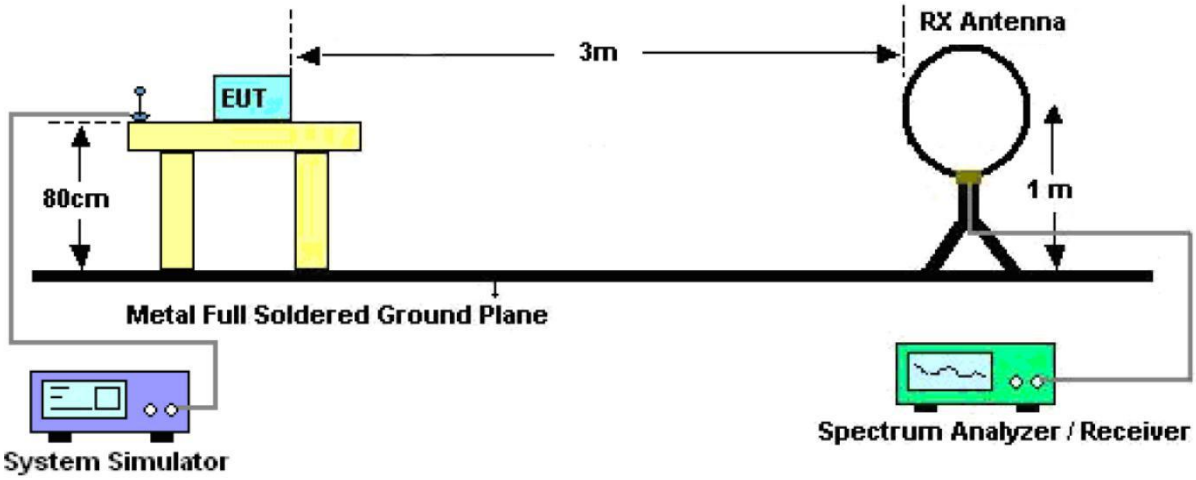



Figure 1. Below 30MHz

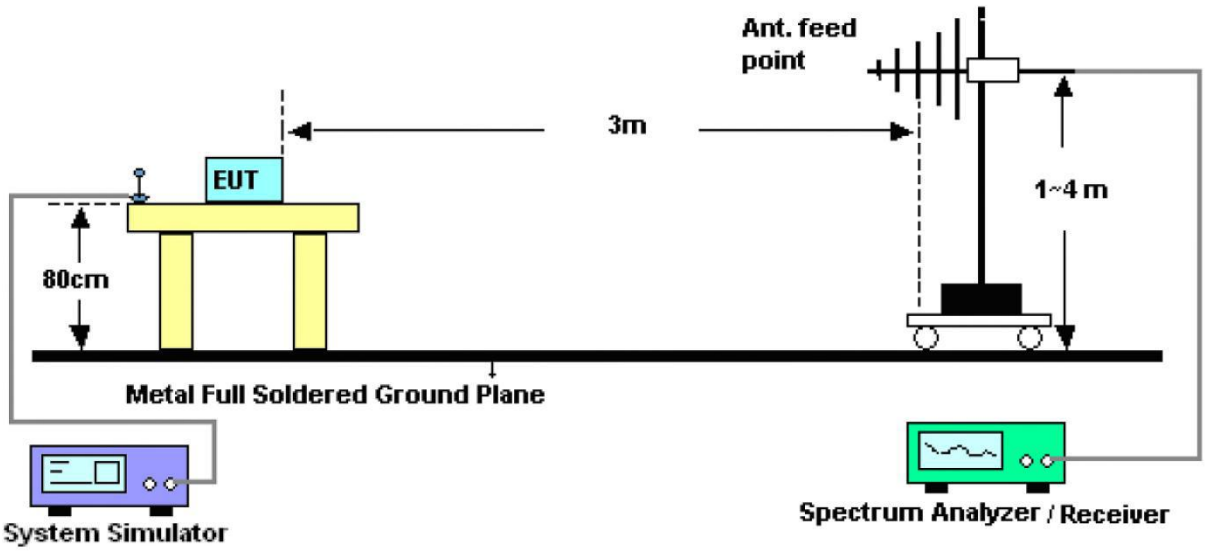



Figure 2. 30MHz to 1GHz

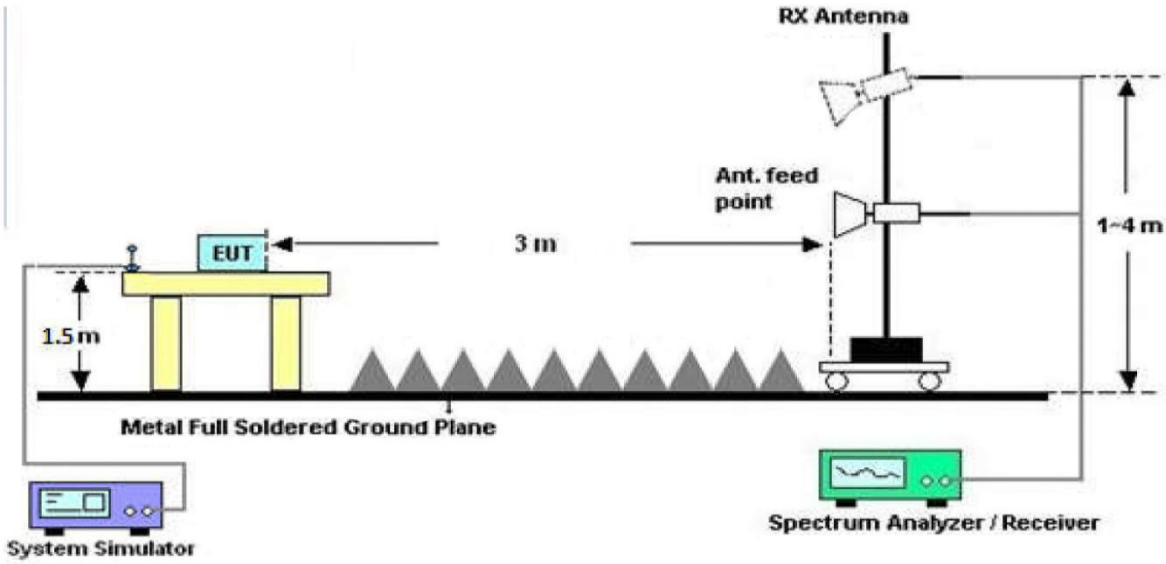



Figure 3. Above 1 GHz

## 4.3. Test Procedure

For below 1GHz: The EUT is placed on a turntable, which is 0.8m above the ground plane.
For above 1GHz: The EUT is placed on a turntable, which is 1.5m above the ground plane.
The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Rotated the EUT through three orthogonal axes to determine the maximum emissions, both horizontal and vertical polarization of the antenna are set on test. The EUT is tested in 9*6*6 Chamber. The device is evaluated in xyz orientation.
For the radiated emission test above 1GHz:
Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

For 9kHz to 150kHz, Set the spectrum analyzer as:
RBW = 200Hz, VBW =1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 150kHz to 30MHz, Set the spectrum analyzer as:
RBW = 9KHz, VBW =30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as:
RBW = 100kHz, VBW =300kHz,Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For above 1GHz,Set the spectrum analyzer as:
RBW =1MHz, VBW =1MHz, Detector= Peak, Trace mode= Max hold, Sweep- auto couple.
RBW =1MHz, VBW =10Hz, Detector= Average, Trace mode= Max hold, Sweep- auto couple.

## 4.4. Test Data

**PASS**

During the test, Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the X-axis is the worst case.

The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.

**Test Results (Fundamental 433.92MHz)**

| Frequency | Antenna | Reading | Cable Loss | Ant Factor | Amplifier | Duty cycle Factor | Results | Limits | Det. |
|---|---|---|---|---|---|---|---|---|---|
| (MHz) | Pol. | (dBuV/m) | (dB) | (dB) | (dB) | (dB) | (dBuV/m) | (dBuV/m) | Mode |
| 433.92 | H | 94.35 | 1.52 | 12.64 | 31.45 | - | 77.06 | 100.82 | PK |
| 433.92 | H | 94.35 | 1.52 | 12.64 | 31.45 | -9.12 | 67.94 | 80.82 | AV |
| 433.92 | V | 97.04 | 1.52 | 12.64 | 31.45 | - | 79.75 | 100.82 | PK |
| 433.92 | V | 97.04 | 1.52 | 12.64 | 31.45 | -9.12 | 70.63 | 80.82 | AV |

Remark ：

1. Result = Reading + Cable Loss +Ant Factor –Amplifier + Duty cycle Factor
2. Pulse Desensitization Correction Factor

   Pulse Width (PW)= 0.870ms

   2/PW=2/0.870=2.30kHz

   RBW(1000kHz)＞ 2/PW (2.30Hz)

   Therefore PDCF is not needed.

3. Duty Cycle Factor

**Calculate Formula:**

AV=PEAK +Duty Cycle Factor

Duty Cycle Factor=20log(Duty Cycle)

Duty Cycle= on time/ period

**Test Data:**

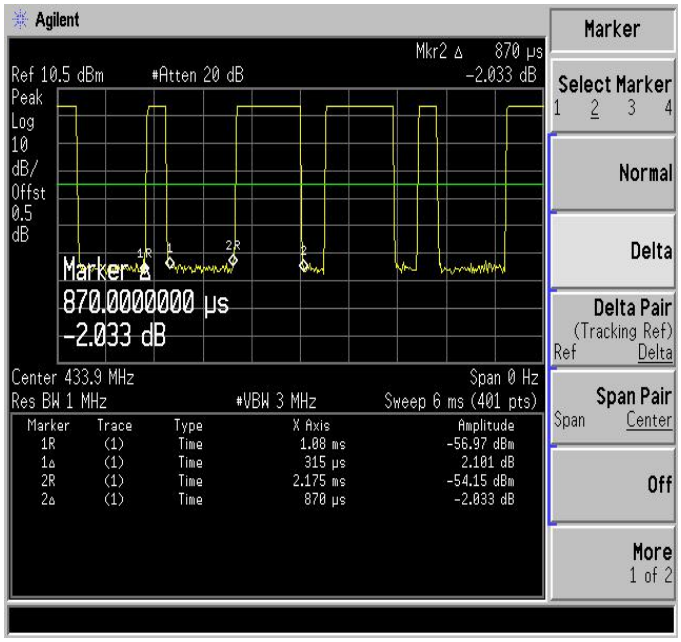
T on time=0.870ms*9+0.315ms*16=12.87 ms

T period=35.40ms

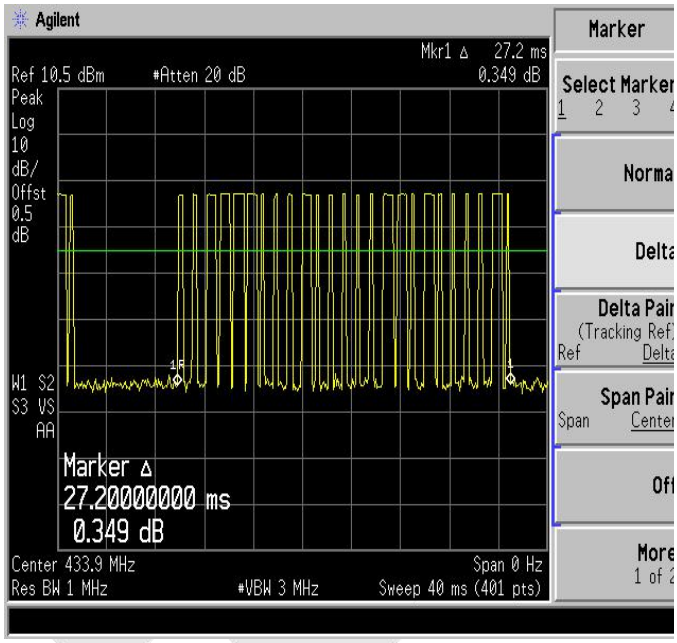
Duty Cycle=36.36%

Duty Cycle Factor =20log(Duty Cycle)=-8.80

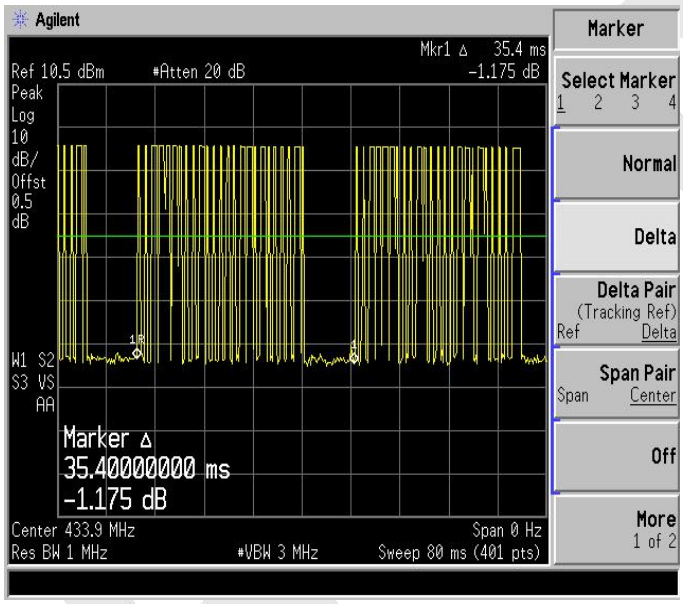
T on time slot-1




T on time slot-2




T period

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**Test Results (Harmonics Emissions)**

| Frequency | Antenna | Reading | Cable Loss | Ant Factor | Amplifier | Duty cycle Factor | Results | Limits | Det |
|---|---|---|---|---|---|---|---|---|---|
| (MHz) | Pol. | (dBuV/m) | (dB) | (dB) | (dB) | (dB) | (dBuV/m) | (dBuV/m) | Mode |
| 867.84 | H | 74.46 | 1.92 | 12.71 | 31.72 | - | 57.37 | 80.82 | PK |
| 867.84 | H | 74.46 | 1.92 | 12.71 | 31.72 | -8.8 | 48.57 | 60.82 | AV |
| 867.84 | V | 76.37 | 1.92 | 12.71 | 31.72 | - | 59.28 | 80.82 | PK |
| 867.84 | V | 76.37 | 1.92 | 12.71 | 31.72 | -8.8 | 50.48 | 60.82 | AV |
| 1301.76 | H | 63.27 | 2.38 | 21.43 | 32.45 | - | 54.63 | 74 | PK |
| 1301.76 | H | 63.27 | 2.38 | 21.43 | 32.45 | -8.8 | 45.83 | 54 | AV |
| 1301.76 | V | 65.38 | 2.38 | 18.56 | 32.45 | - | 53.87 | 74 | PK |
| 1301.76 | V | 65.38 | 2.38 | 18.56 | 32.45 | -8.8 | 45.07 | 54 | AV |

Remark ：

1. Result = Reading + Cable Loss +Ant Factor –Amplifier + Duty cycle Factor
2. Pulse Desensitization Correction Factor
   Pulse Width (PW)= 0.870ms
   2/PW=2/0.870=2.30kHz
   RBW(1000kHz)＞ 2/PW (2.30Hz)
   Therefore PDCF is not needed.
3. Duty Cycle Factor=-8.80

**Test Results (Radiated Emission)**

| Frequency | Antenna | Reading | Cable Loss | Ant Factor | Amplifier | Results | Limits | Margin | Det. |
|---|---|---|---|---|---|---|---|---|---|
| (MHz) | Pol. | (dBuV/m) | (dB) | (dB) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | Mode |
| 54.18 | H | 56.49 | 1.03 | 11.15 | 40.74 | 27.93 | 40 | -12.07 | QP |
| 127.90 | H | 59.38 | 1.24 | 12.24 | 40.48 | 32.38 | 43.5 | -11.12 | QP |
| 732.78 | H | 61.55 | 1.67 | 13.75 | 41.27 | 35.70 | 46 | -10.30 | QP |
| 54.18 | V | 55.75 | 1.03 | 11.15 | 40.74 | 27.19 | 40 | -12.81 | QP |
| 127.90 | V | 60.10 | 1.24 | 12.24 | 40.48 | 33.10 | 43.5 | -10.40 | QP |
| 732.78 | V | 62.35 | 1.67 | 13.75 | 41.27 | 36.50 | 46 | -9.50 | QP |

Remark:

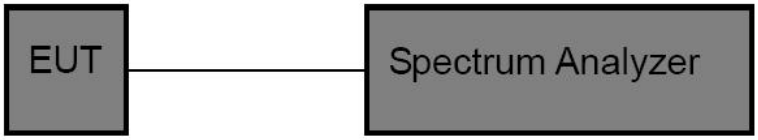
1. Results = Reading + Cable Loss +Ant Factor –Amplifier

# 5. 20DB Occupy Bandwidth Test

## 5.1. Test Standard and Limit

<table>
<tr><td>Test Standard</td><td>FCC Part15 C Section 15.231 (c)</td></tr>
<tr><td>Test Limit</td><td>According to FCC Part 15.231(c), The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70MHz and below 900MHz. For devices operating above 900MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20dB down from the modulated carrier.<br>So the emission bandwidth limits have been calculated in below table:
<table>
<tr><th>Fundamental Frequency</th><th>Limit of 20dB Bandwidth</th></tr>
<tr><td>433.92 MHz</td><td>433920x0.0025=1084.80 kHz</td></tr>
</table></td></tr>
</table>

## 5.2. Test Setup



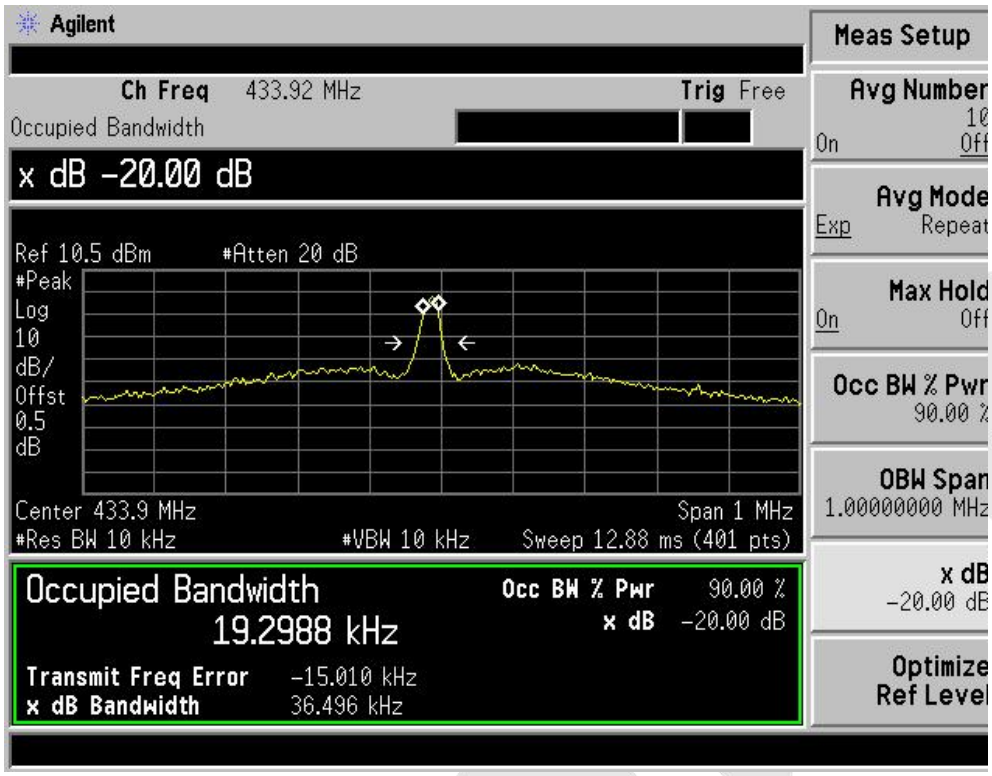

## 5.3. Test Procedure

1. Place the EUT on the table and set it in the continuously transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as:
   RBW = 10kHz, VBW⩾3*RBW =10kHz,
   Span= 1MHz
   Detector= Peak
   Trace mode= Max hold.
   Sweep- auto couple.
4. Mark the peak frequency and –20dB (upper and lower) frequency.
5. Repeat until all the rest channels are investigated.

## 5.4. Test Data

| | | | | | |
|---|---|---|---|---|---|
| Test Item | : | 20dB Bandwidth | Test Mode | : | Continuously transmitting |
| Test Voltage | : | DC 12V | Temperature | : | 24℃ |
| Test Result | : | PASS | Humidity | : | 55%RH |

| Freq. (MHz) | Modulation Type | Bandwidth (kHz) | Limit (kHz) | Results |
|---|---|---|---|---|
| 433.92 | ASK | 36.496 | <1084.80 | PASS |


Agilent
Meas Setup
Ch Freq 433.92 MHz
Trig Free
Occupied Bandwidth
x dB -20.00 dB
Ref 10.5 dBm #Atten 20 dB
#Peak
Log
10
dB/
Offst
0.5
dB
Center 433.9 MHz
Span 1 MHz
#Res BW 10 kHz
#VBW 10 kHz
Sweep 12.88 ms (401 pts)
Occupied Bandwidth
19.2988 kHz
Occ BW % Pwr 90.00 %
x dB -20.00 dB
Transmit Freq Error -15.010 kHz
x dB Bandwidth 36.496 kHz
Avg Number
On
Avg Mode
Exp
Max Hold
On
Occ BW % Pwr
90.00 %
OBW Span
1.00000000 MHz
x dB
-20.00 dB
Optimize
Ref Level

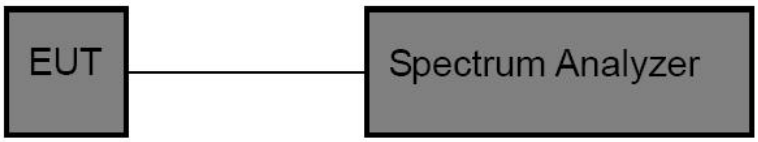
433.92MHz

# 6. Dwell Time Test

## 6.1. Test Standard and Limit

| | |
|---|---|
| Test Standard | FCC Part 15.231(a)(1) |
| Test Limit | According to FCC Part 15.231(a)(1), A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released |

## 6.2. Test Setup




## 6.3. Test Procedure

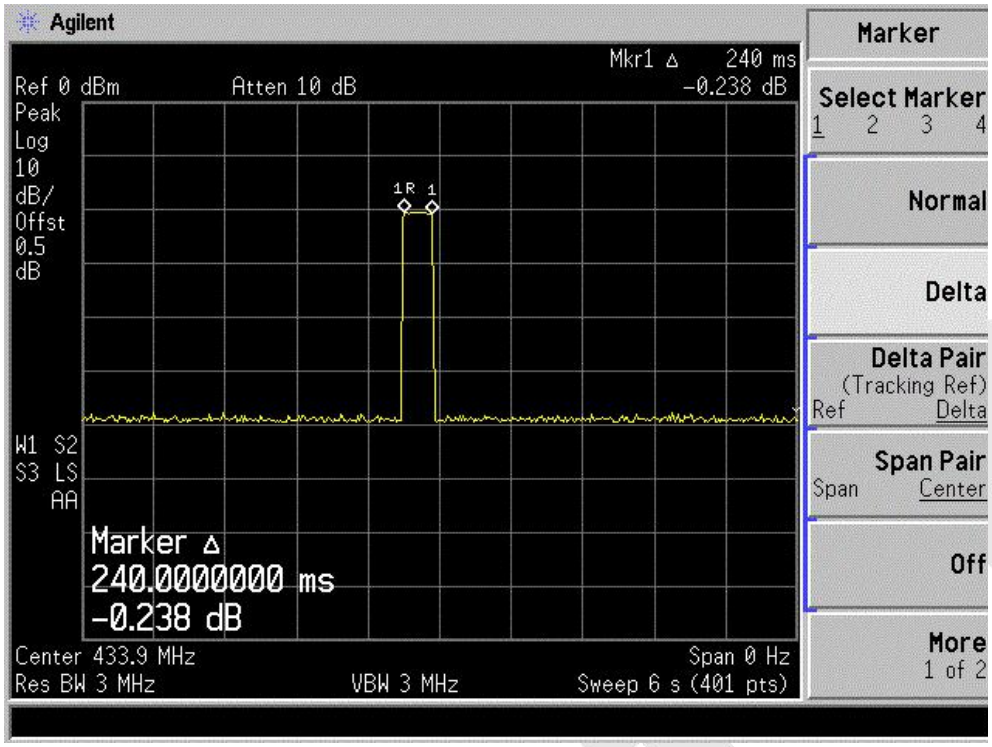
1. Place the EUT on the table and set it in continuously transmitting mode. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
2. Set the spectrum analyzer as
   RBW=3000kHz, VBW= 3000 kHz, Span= 0Hz, Sweep Time= 6 Seconds.
3. Record the Delta mark time.

## 6.4. Test Data

| | | | | | |
|---|---|---|---|---|---|
| Test Item | : | Dwell Time | Test Mode | : | Continuously transmitting |
| Test Voltage | : | DC 12V | Temperature | : | 24℃ |
| Test Result | : | PASS | Humidity | : | 55%RH |

| Test Mode | Transmitting time(s) | Limit(s) | Result |
|---|---|---|---|
| ASK mode | 0.240 | ≤5 | PASS |

Please refer the following plot.


Agilent
Mkr1 Δ 240 ms
Ref 0 dBm
Atten 10 dB
-0.238 dB
Peak
Log
10
dB/
Offst
0.5
dB
1R 1
W1 S2
S3 LS
AA
Marker Δ
240.0000000 ms
-0.238 dB
Center 433.9 MHz
Span 0 Hz
Res BW 3 MHz
VBW 3 MHz
Sweep 6 s (401 pts)
Marker
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref Delta
Span Pair
Span Center
Off
More
1 of 2

Dwell Time

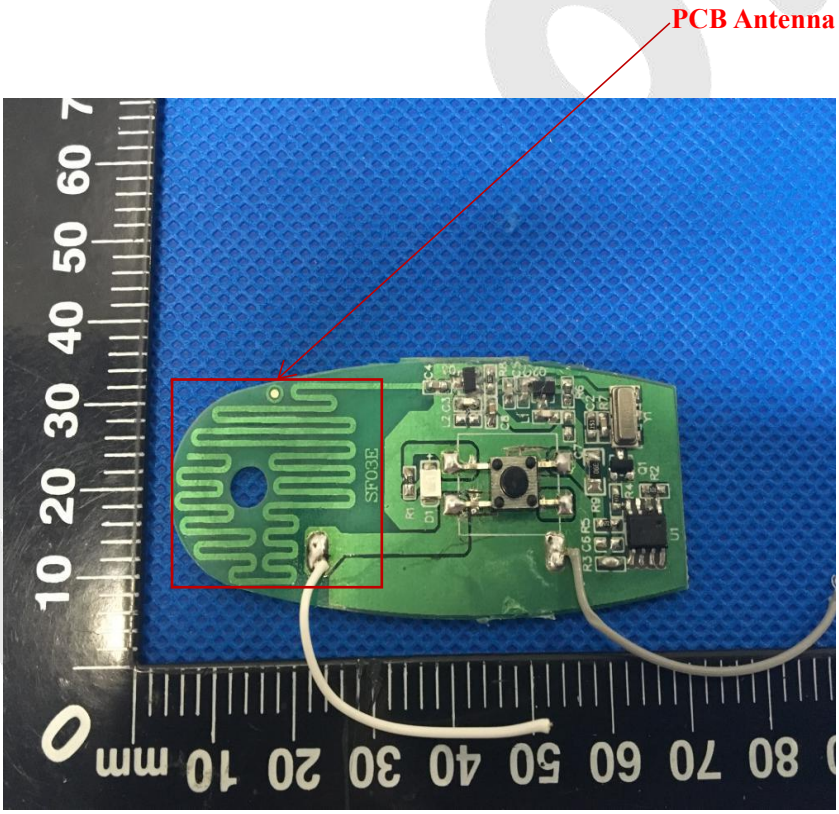
# 7. Antenna Requirement

## 7.1. Test Standard and Requirement

| | |
|---|---|
| Test Standard | FCC Part15 Section 15.203 |
| Requirement | 1) 15.203 requirement:<br>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.<br>Antenna requirement must meet at least one of the following:<br>1) Antenna must be permanently attached to device.<br>2) The antenna must use a unique type of connector to attach to the device.<br>3) Device must be professionally installed. The installer shall be responsible for ensuring that the correct antenna is employed by the device. |

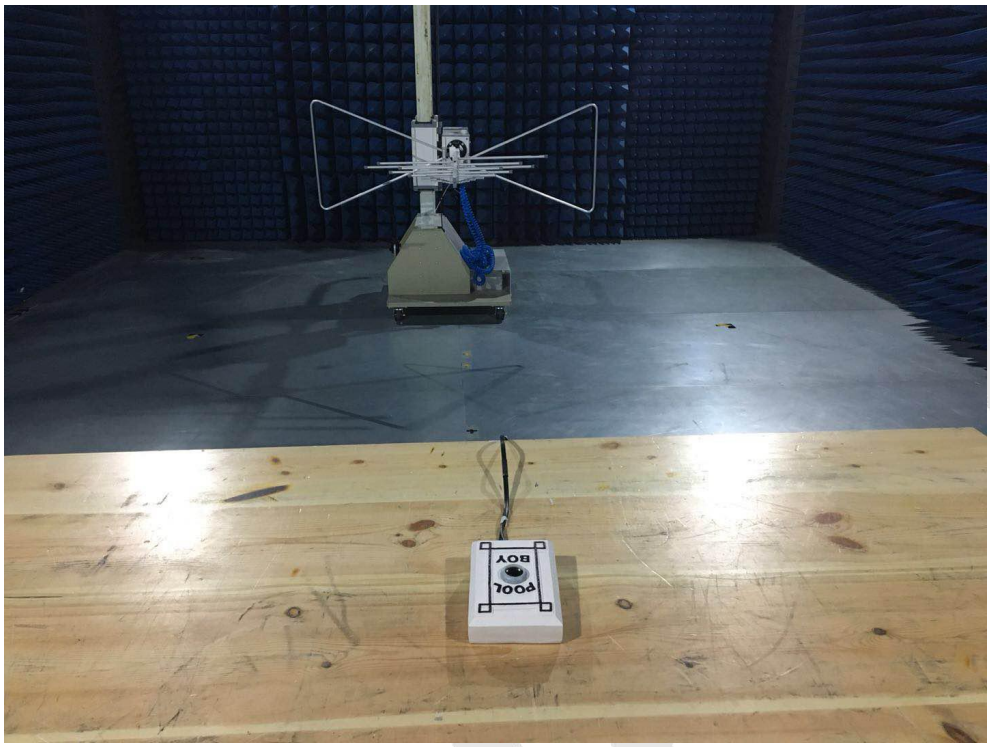
## 9.2. Antenna Connected Construction

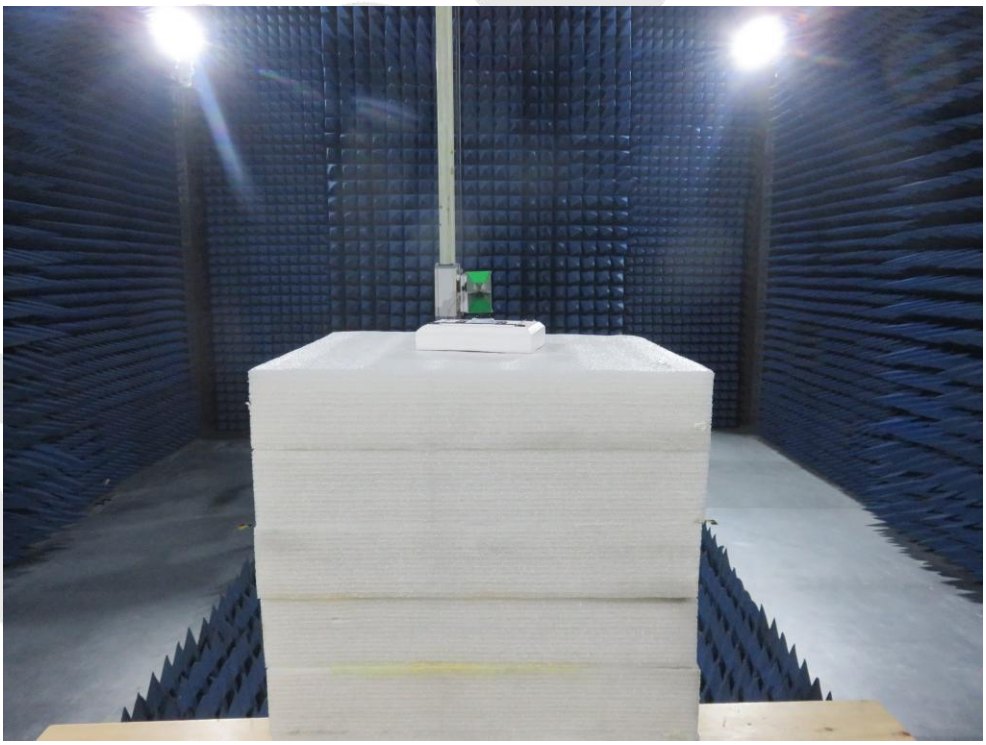
The RF antenna is a PCB Antenna which permanently attached, and the best case gain of the antenna is 0 dbi. It complies with the standard requirement.



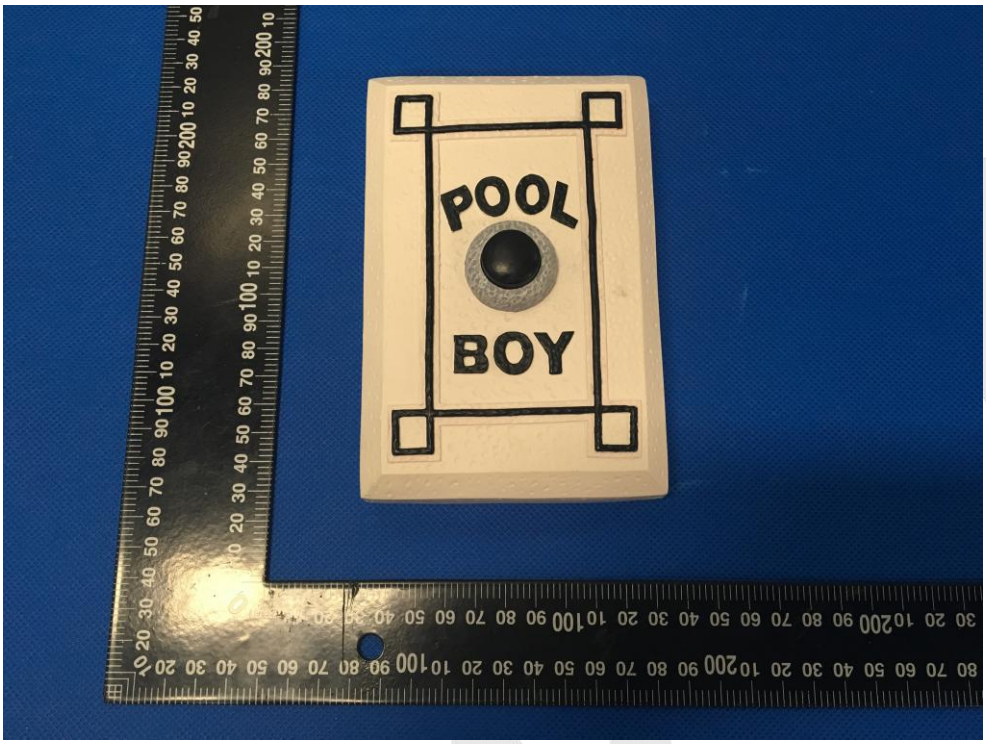
# APPENDIX I -- TEST SETUP PHOTOGRAPH

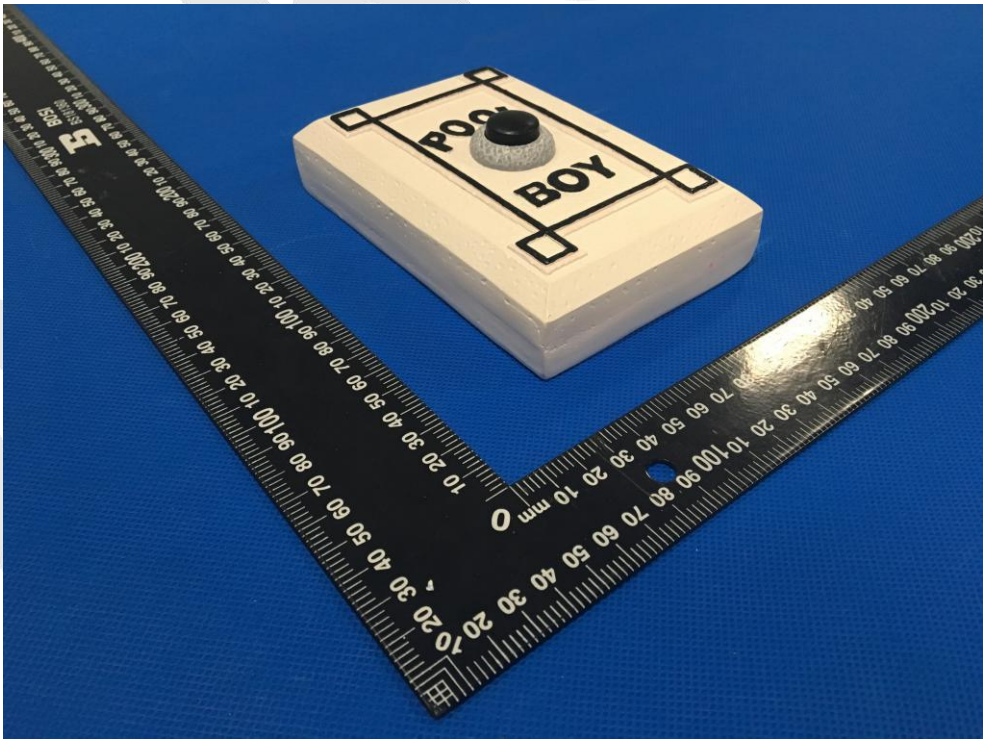
Photo of Radiated Emission Measurement

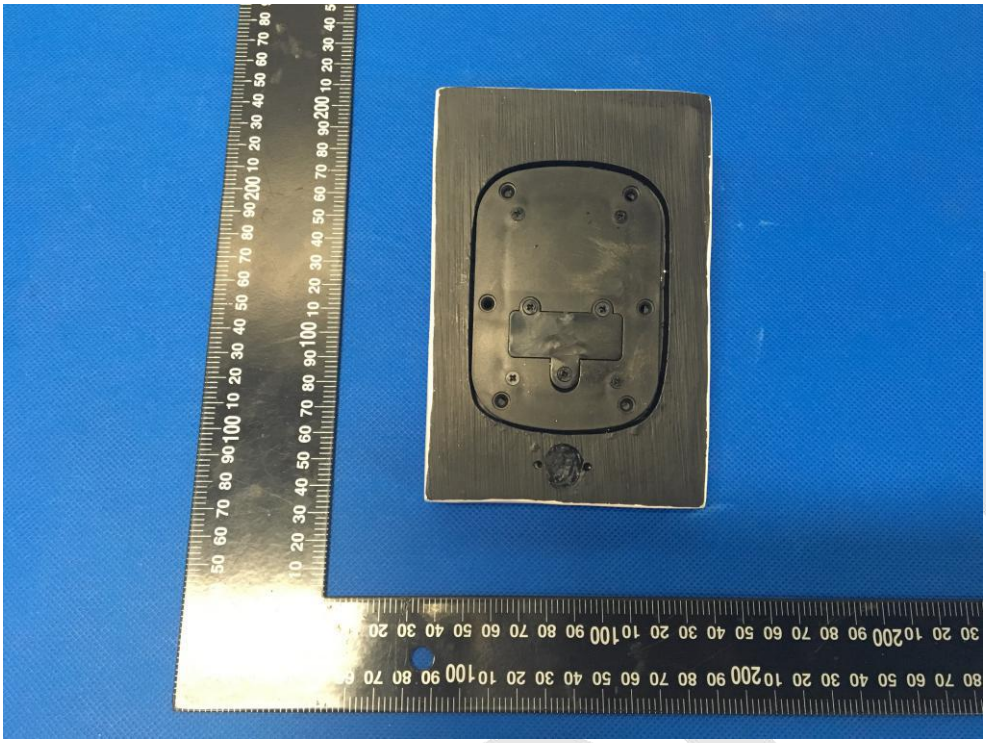


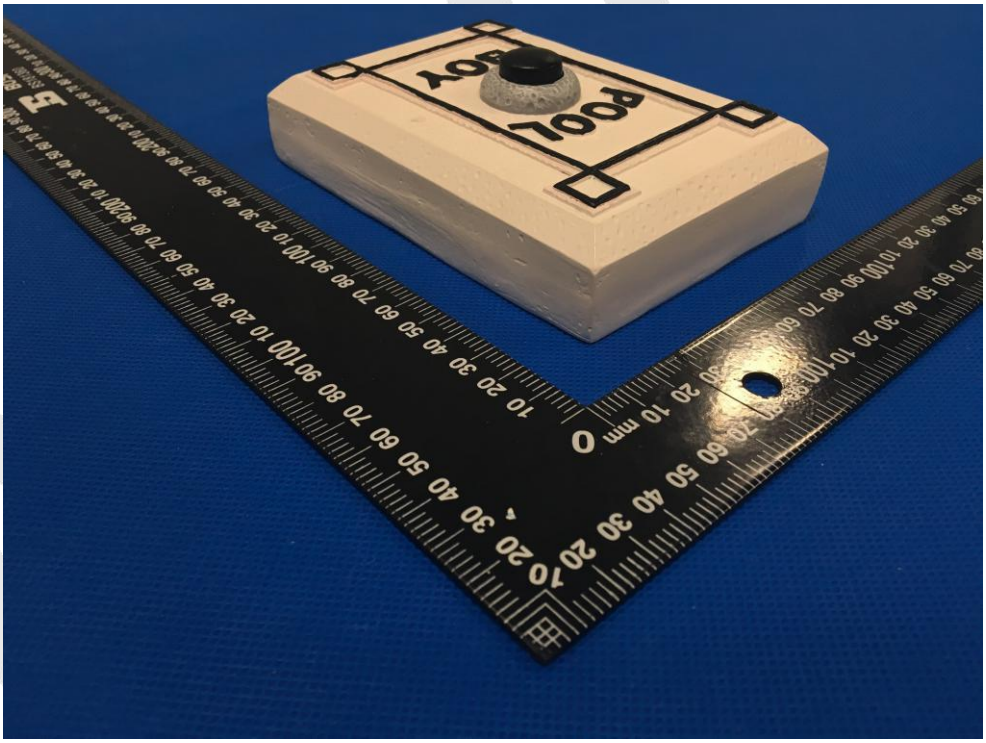


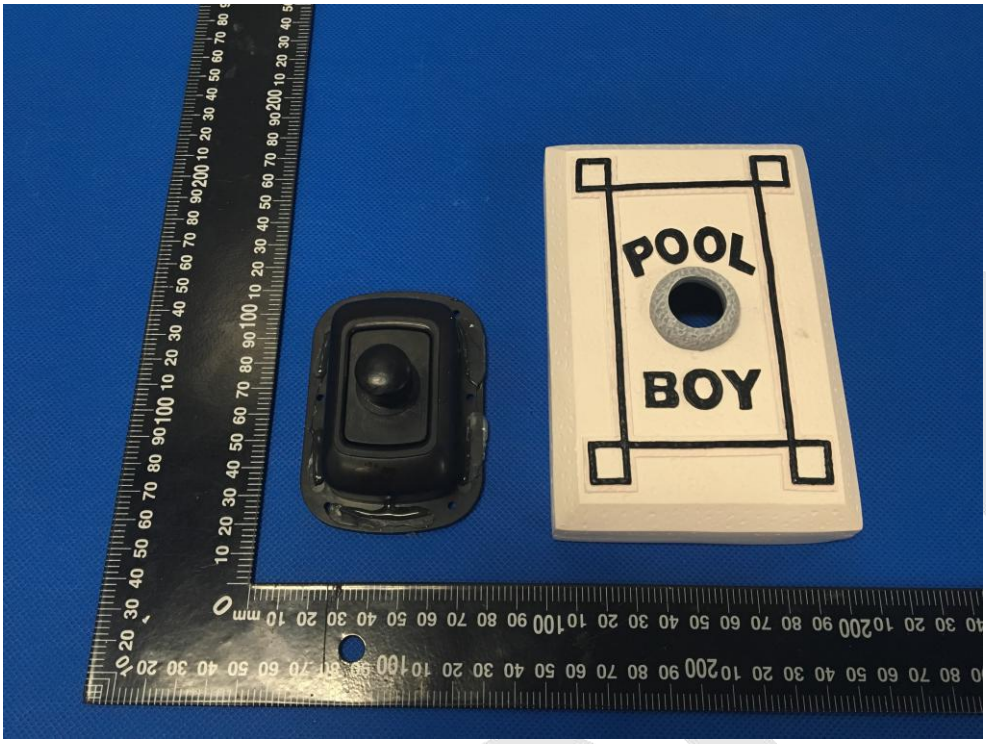
# APPENDIX II -- EXTERNAL PHOTOGRAPH



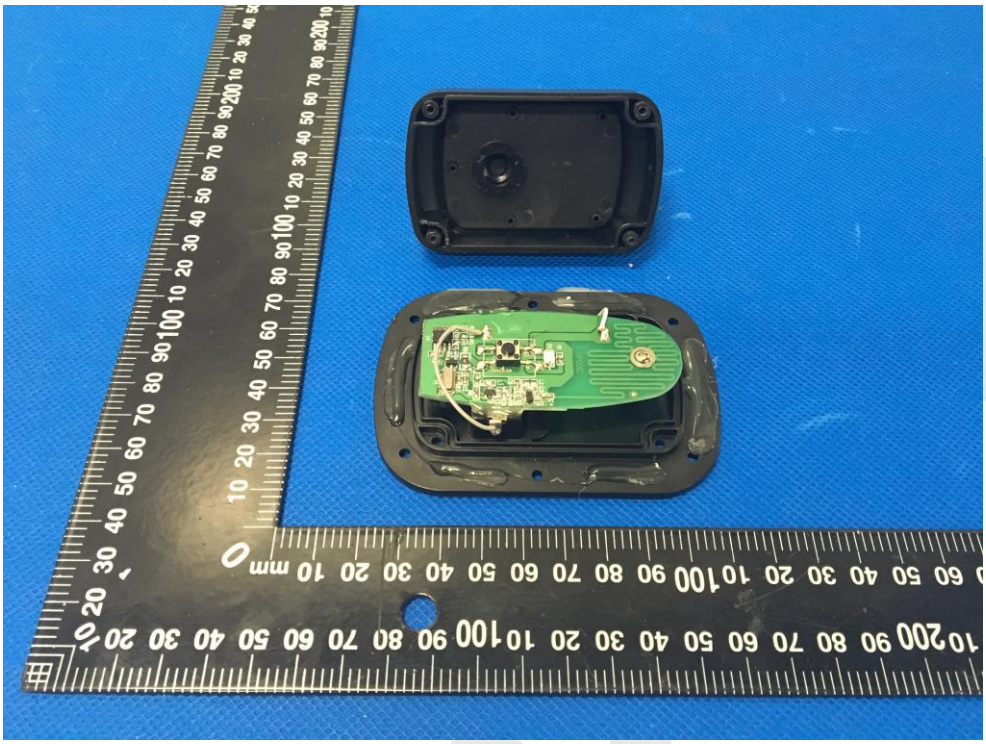



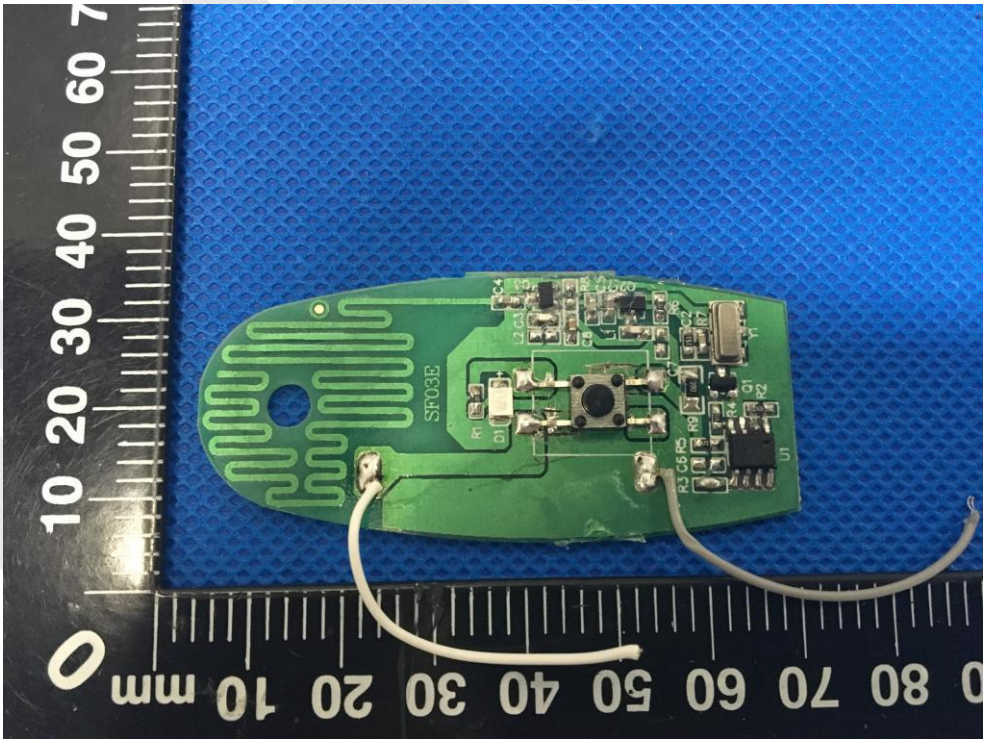


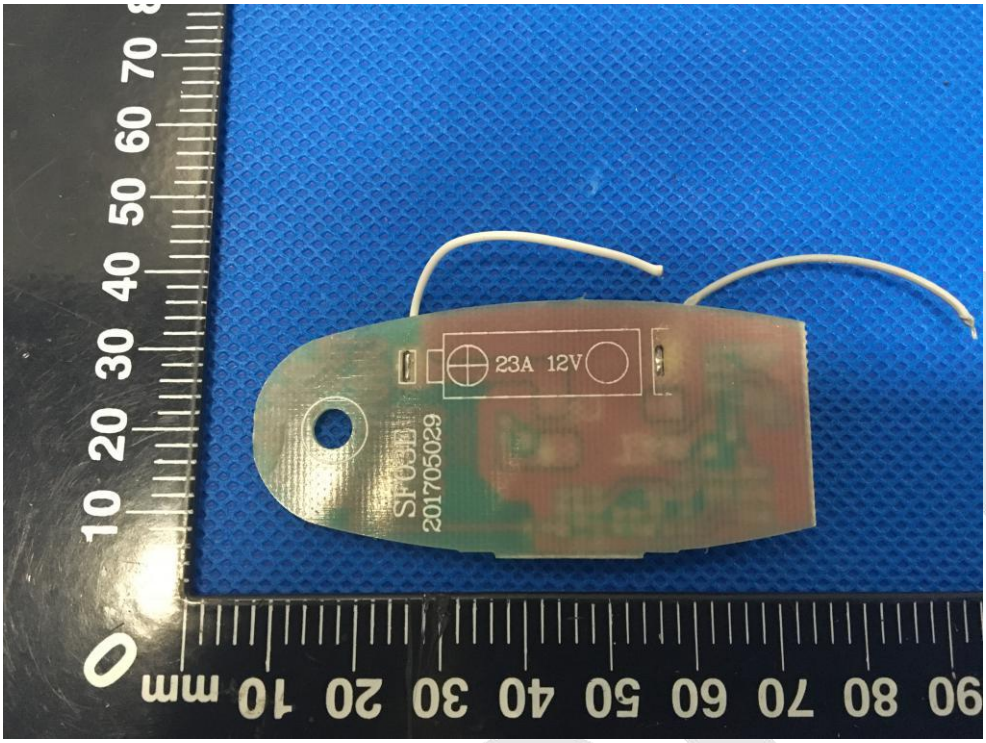

POOL
TOY


POOL
BOY

# APPENDIX III -- INTERNAL PHOTOGRAPH








End of Report