

---

# FCC Test Report

---

Report No.: AGC00703190601FE01

**PRODUCT DESIGNATION** : 2.4G Camera  
**BRAND NAME** : Howell  
**MODEL NAME** : WJ11, WJ12, WJ13, WJ14, WJ15  
**APPLICANT** : Shenzhen Howell Intelligent Technology Co.,Ltd.  
**DATE OF ISSUE** : Jul 12, 2019  
**STANDARD(S)** : FCC Part 15 Subpart B  
**REPORT VERSION** : V1.0

## Attestation of Global Compliance (Shenzhen) Co., Ltd

**CAUTION:**

This report shall not be reproduced except in full without the written permission of the test laboratory and shall not be quoted out of context.



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

### REPORT REVISE RECORD

| Report Version | Revise Time | Issued Date   | Valid Version | Notes           |
|----------------|-------------|---------------|---------------|-----------------|
| V1.0           | /           | Jul. 12, 2019 | Valid         | Initial release |



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

## TABLE OF CONTENTS

|                                                        |           |
|--------------------------------------------------------|-----------|
| <b>1. VERIFICATION OF CONFORMITY .....</b>             | <b>4</b>  |
| <b>2. SYSTEM DESCRIPTION .....</b>                     | <b>5</b>  |
| <b>3. MEASUREMENT UNCERTAINTY .....</b>                | <b>5</b>  |
| <b>4. PRODUCT INFORMATION.....</b>                     | <b>6</b>  |
| <b>5. SUPPORT EQUIPMENT.....</b>                       | <b>7</b>  |
| <b>6. TEST FACILITY .....</b>                          | <b>8</b>  |
| <b>7. TEST ITEMS AND THE RESULTS .....</b>             | <b>9</b>  |
| <b>8. FCC LINE CONDUCTED EMISSION TEST .....</b>       | <b>10</b> |
| 8.1. LIMITS OF LINE CONDUCTED EMISSION TEST.....       | 10        |
| 8.2. BLOCK DIAGRAM OF TEST SETUP .....                 | 10        |
| 8.3. PROCEDURE OF LINE CONDUCTED EMISSION TEST .....   | 11        |
| 8.4. TEST RESULT OF LINE CONDUCTED EMISSION TEST ..... | 12        |
| <b>9. RADIATED EMISSION TEST .....</b>                 | <b>14</b> |
| 9.1. LIMITS OF RADIATED EMISSION TEST .....            | 14        |
| 9.2. BLOCK DIAGRAM OF TEST SETUP .....                 | 14        |
| 9.3. PROCEDURE OF RADIATED EMISSION TEST .....         | 15        |
| 9.4. TEST RESULT OF RADIATED EMISSION TEST .....       | 16        |
| <b>APPENDIX A: PHOTOGRAPHS OF TEST SETUP .....</b>     | <b>18</b> |
| <b>APPENDIX B: PHOTOGRAPHS OF EUT .....</b>            | <b>20</b> |



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

## 1. VERIFICATION OF CONFORMITY

|                                 |                                                                                                                    |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Applicant</b>                | Shenzhen Howell Intelligent Technology Co.,Ltd.                                                                    |
| <b>Address</b>                  | 5/F, No.13 Building, Nangang 2ndIndustrial Park, Songbai Road, Xili Town, NanShan District, Shenzhen, China 518055 |
| <b>Manufacturer</b>             | Shenzhen Howell Intelligent Technology Co.,Ltd.                                                                    |
| <b>Address</b>                  | 5/F, No.13 Building, Nangang 2ndIndustrial Park, Songbai Road, Xili Town, NanShan District, Shenzhen, China 518055 |
| <b>Factory</b>                  | Shenzhen Howell Intelligent Technology Co.,Ltd.                                                                    |
| <b>Address</b>                  | 5/F, No.13 Building, Nangang 2ndIndustrial Park, Songbai Road, Xili Town, NanShan District, Shenzhen, China 518055 |
| <b>Product Designation</b>      | 2.4G Camera                                                                                                        |
| <b>Brand Name</b>               | Howell                                                                                                             |
| <b>Test Model</b>               | WJ11                                                                                                               |
| <b>Measurement Procedure</b>    | ANSI C63.4: 2014                                                                                                   |
| <b>Date of test</b>             | Jun. 20, 2019 to Jul. 12, 2019                                                                                     |
| <b>Deviation</b>                | None                                                                                                               |
| <b>Condition of Test Sample</b> | Normal                                                                                                             |
| <b>Test Result</b>              | Pass                                                                                                               |
| <b>Report Template</b>          | AGCRT-US-IT/AC                                                                                                     |

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. for compliance with the requirements set forth in the FCC Rules and Regulations Part 15, the measurement procedure according to ANSI C63.4:2014. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment are within the compliance requirements.

The test results of this report relate only to the tested sample identified in this report.

Tested By



Calvin Liu(Liu Junchen)

Jul. 12, 2019

Reviewed By



Max Zhang(Zhang Yi)

Jul. 12, 2019

Approved By



Forrest Lei(Lei Yonggang)  
Authorized Officer

Jul. 12, 2019



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu, Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

## 2. SYSTEM DESCRIPTION

| TEST MODE DESCRIPTION                                                                                       |                            |       |
|-------------------------------------------------------------------------------------------------------------|----------------------------|-------|
| NO.                                                                                                         | TEST MODE DESCRIPTION      | WORST |
| 1                                                                                                           | Video with Charging mode   | V     |
| 2                                                                                                           | Camera with Charging mode  | --    |
| 3                                                                                                           | TF Card with Charging mode | --    |
| Note:<br>1. V means EMI worst mode.<br>2. Only the data of the worst mode would be recorded in this report. |                            |       |

## 3. MEASUREMENT UNCERTAINTY

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in measurement" (GUM) published by CISPR and ANSI.

- Uncertainty of Conducted Emission,  $U_c = \pm 3.2$  dB
- Uncertainty of Radiated Emission below 1GHz,  $U_c = \pm 3.9$  dB
- Uncertainty of Radiated Emission above 1GHz,  $U_c = \pm 4.8$  dB



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

#### 4. GENERAL DESCRIPTION

|                                    |                                        |
|------------------------------------|----------------------------------------|
| <b>Highest Operating Frequency</b> | 2.462GHz                               |
| <b>Hardware Version</b>            | XWL_WJ11_MainBoard_Rev1.5 2019.04.17   |
| <b>Software Version</b>            | 21.117.0.7.50                          |
| <b>Antenna Designation</b>         | Integrated antenna                     |
| <b>Antenna Gain</b>                | 2dBi                                   |
| <b>Power Supply</b>                | DC 5V by adapter or DC 3.7V by Battery |

#### I/O Port Information (☒ Applicable ☐ Not Applicable)

| I/O Port of EUT |        |                  |             |
|-----------------|--------|------------------|-------------|
| I/O Port Type   | Number | Specific         | Tested With |
| USB Port        | 1      | 1.00m Unshielded | 1           |
| TF port         | 1      | --               | 1           |



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

## 5. SUPPORT EQUIPMENT

| Device Type | Manufacturer | Model Name            | Serial No. | Data Cable | Power Cable |
|-------------|--------------|-----------------------|------------|------------|-------------|
| Adapter     | Jihongda     | JHD-AP006U-050100BB-2 | --         | --         | --          |

**Note:**

1 "-- "means no any support device during testing.



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

## 6. TEST FACILITY

|                  |                                                                                                                                          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Site</b> | Attestation of Global Compliance (Shenzhen) Co., Ltd                                                                                     |
| <b>Location</b>  | 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China |

### TEST EQUIPMENT OF CONDUCTED EMISSION TEST

| Equipment     | Manufacturer | Model   | S/N    | Cal. Date     | Cal. Due      |
|---------------|--------------|---------|--------|---------------|---------------|
| TEST RECEIVER | R&S          | ESPI    | 101206 | Jun.12, 2019  | Jun.11, 2020  |
| LISN          | R&S          | ESH2-Z5 | 100086 | Aug. 28, 2018 | Aug. 27, 2019 |

### TEST EQUIPMENT OF RADIATED EMISSION TEST

| Equipment                    | Manufacturer | Model     | S/N        | Cal. Date    | Cal. Due     |
|------------------------------|--------------|-----------|------------|--------------|--------------|
| TEST RECEIVER                | R&S          | ESCI      | 10096      | Jun.12, 2019 | Jun.11, 2020 |
| EXA Signal Analyzer          | Aglient      | N9010A    | MY53470504 | Dec.07, 2018 | Dec.08, 2019 |
| Horn antenna                 | SCHWARZBECK  | BBHA 9170 | #768       | Sep. 21,2017 | Sep. 20,2020 |
| Double-Ridged Waveguide Horn | ETS LINDGREN | 3117      | 00034609   | May. 26,2018 | May. 25,2020 |
| Broadband Preamplifier       | SCHWARZBECK  | BBV 9718  | 9718-205   | Jun.12, 2019 | Jun.11, 2020 |
| ANTENNA                      | SCHWARZBECK  | VULB9168  | D69250     | Sep.28, 2018 | Sep.27,2019  |



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu, Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

## 7. TEST ITEMS AND THE RESULTS

| Test item          | Test Requirement  | Test Method | Class/Severity | Result |
|--------------------|-------------------|-------------|----------------|--------|
| CONDUCTED EMISSION | FCC Part 15 Rules | ANSI C63.4  | Class B        | Pass   |
| RADIATED EMISSION  | FCC Part 15 Rules | ANSI C63.4  | Class B        | Pass   |



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

## 8. FCC LINE CONDUCTED EMISSION TEST

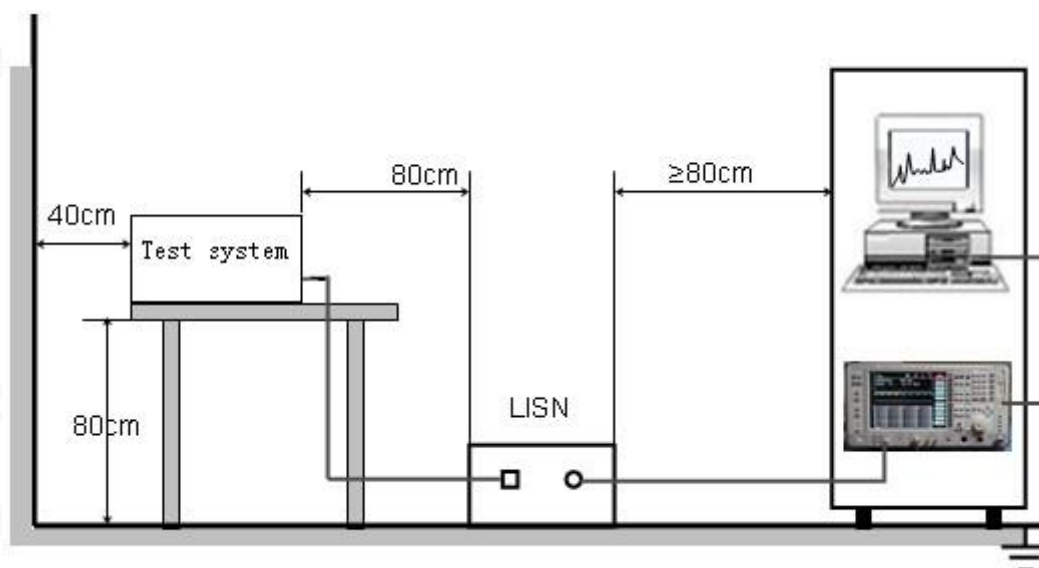
### 8.1. LIMITS OF LINE CONDUCTED EMISSION TEST

| Frequency     | Maximum RF Line Voltage |                |
|---------------|-------------------------|----------------|
|               | Q.P.( dBuV)             | Average( dBuV) |
| 150kHz-500kHz | 66-56                   | 56-46          |
| 500kHz-5MHz   | 56                      | 46             |
| 5MHz-30MHz    | 60                      | 50             |

**Note:**

1. The lower limit shall apply at the transition frequency.
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50MHz.

### 8.2. BLOCK DIAGRAM OF TEST SETUP



### 8.3. PROCEDURE OF LINE CONDUCTED EMISSION TEST

- (1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- (2) Support equipment, if needed, was placed as per ANSI C63.4.
- (3) All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- (4) The EUT received AC120V/60Hz power from a LISN.
- (5) The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- (6) Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- (7) During the above scans, the emissions were maximized by cable manipulation.
- (8) A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions.
- (9) Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less -2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.

The test data of the worst case condition (mode 1) was reported on the Summary Data page.



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

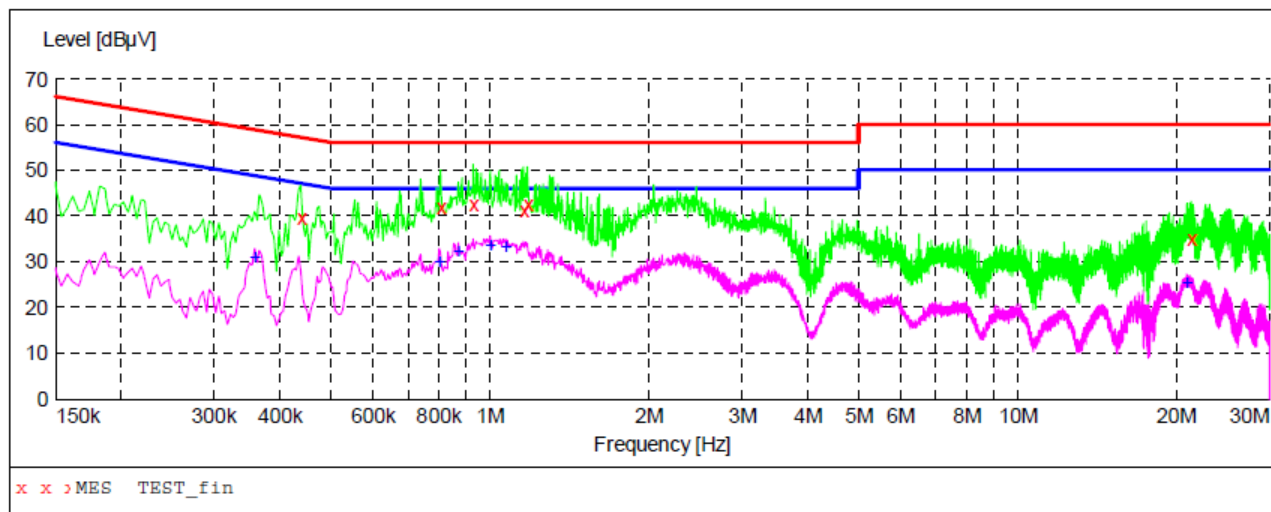
Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

## 8.4. TEST RESULT OF LINE CONDUCTED EMISSION TEST

### LINE CONDUCTED EMISSION TEST-L



#### MEASUREMENT RESULT: "TEST\_fin"

6/27/2019 7:55PM

| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.438000         | 39.60         | 10.7         | 57            | 17.5         | QP       | L1   | FLO |
| 0.806000         | 41.90         | 10.8         | 56            | 14.1         | QP       | L1   | FLO |
| 0.930000         | 42.60         | 11.2         | 56            | 13.4         | QP       | L1   | FLO |
| 1.158000         | 41.20         | 11.5         | 56            | 14.8         | QP       | L1   | FLO |
| 1.178000         | 42.40         | 11.5         | 56            | 13.6         | QP       | L1   | FLO |
| 21.286000        | 35.00         | 12.5         | 60            | 25.0         | QP       | L1   | FLO |

#### MEASUREMENT RESULT: "TEST\_fin2"

6/27/2019 7:55PM

| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.358000         | 31.20         | 10.5         | 49            | 17.6         | AV       | L1   | FLO |
| 0.802000         | 30.20         | 10.8         | 46            | 15.8         | AV       | L1   | FLO |
| 0.870000         | 32.50         | 11.0         | 46            | 13.5         | AV       | L1   | FLO |
| 1.002000         | 33.70         | 11.4         | 46            | 12.3         | AV       | L1   | FLO |
| 1.070000         | 33.30         | 11.4         | 46            | 12.7         | AV       | L1   | FLO |
| 20.914000        | 25.50         | 12.5         | 50            | 24.5         | AV       | L1   | FLO |



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

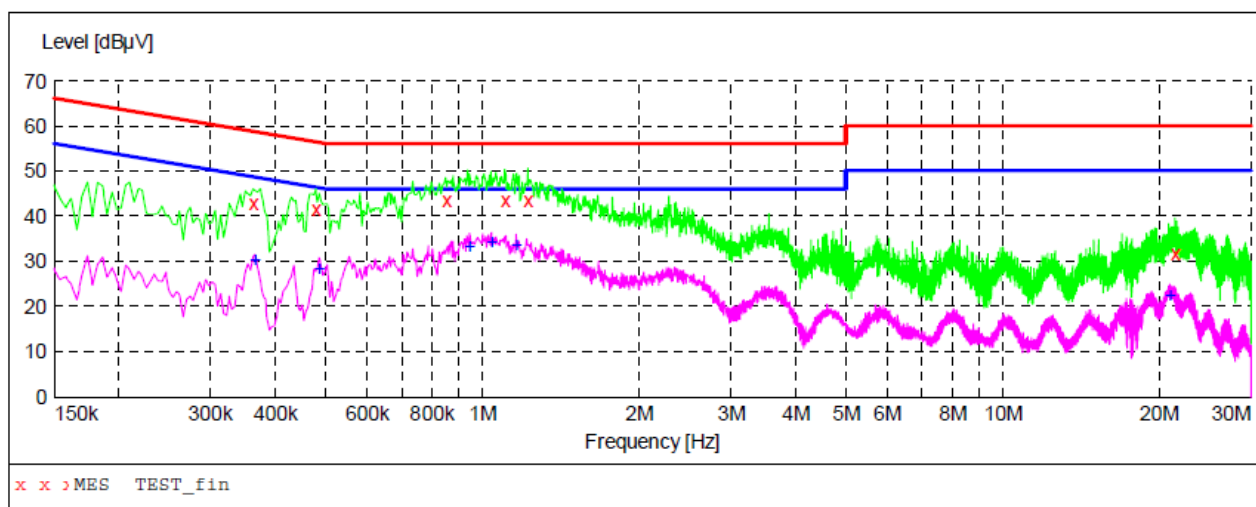
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

# LINE CONDUCTED EMISSION TEST-N



## MEASUREMENT RESULT: "TEST\_fin"

6/27/2019 7:59PM

| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.362000         | 43.10         | 10.5         | 59            | 15.6         | QP       | N    | FLO |
| 0.478000         | 41.40         | 11.0         | 56            | 15.0         | QP       | N    | FLO |
| 0.850000         | 43.60         | 10.9         | 56            | 12.4         | QP       | N    | FLO |
| 1.106000         | 43.80         | 11.5         | 56            | 12.2         | QP       | N    | FLO |
| 1.222000         | 43.60         | 11.5         | 56            | 12.4         | QP       | N    | FLO |
| 21.410000        | 31.90         | 12.6         | 60            | 28.1         | QP       | N    | FLO |

## MEASUREMENT RESULT: "TEST\_fin2"

6/27/2019 7:59PM

| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.366000         | 30.60         | 10.5         | 49            | 18.0         | AV       | N    | FLO |
| 0.486000         | 28.50         | 11.1         | 46            | 17.7         | AV       | N    | FLO |
| 0.946000         | 33.40         | 11.3         | 46            | 12.6         | AV       | N    | FLO |
| 1.042000         | 34.30         | 11.4         | 46            | 11.7         | AV       | N    | FLO |
| 1.162000         | 33.70         | 11.5         | 46            | 12.3         | AV       | N    | FLO |
| 20.966000        | 22.70         | 12.5         | 50            | 27.3         | AV       | N    | FLO |

**RESULT: PASS**


Attestation of Global Compliance (Shenzhen) Co., Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline: 400 089 2118

## 9. RADIATED EMISSION TEST

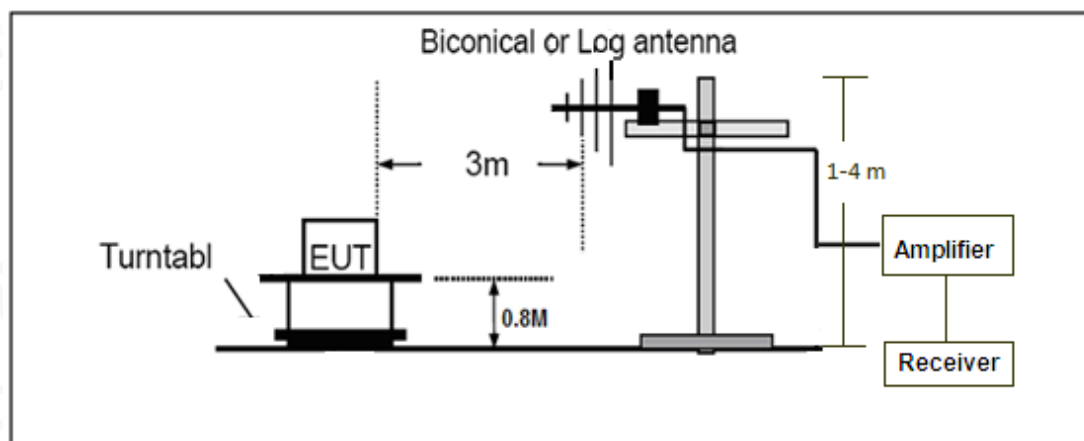
### 9.1. LIMITS OF RADIATED EMISSION TEST

| Frequency (MHz) | Distance (m) | Maximum Field Strength Limit (dBuV/m/ Q.P.) |
|-----------------|--------------|---------------------------------------------|
| 30~88           | 3            | 40.0                                        |
| 88~216          | 3            | 43.5                                        |
| 216~960         | 3            | 46.0                                        |
| Above 960       | 3            | 54.0                                        |

Note: The lower limit shall apply at the transition frequency.

### 9.2. BLOCK DIAGRAM OF TEST SETUP

System Diagram of Connections between EUT and Simulators



### 9.3. PROCEDURE OF RADIATED EMISSION TEST

- (1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- (2) Support equipment, if needed, was placed as per ANSI C63.4.
- (3) All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- (4) The EUT received AC120V/60Hz power from socket under the turntable, if any.
- (5) The antenna was placed at 3 meter away from the EUT as stated in FCC Part 15. The antenna connected to the Analyzer via a cable and at times a pre-amplifier would be used.
- (6) The Analyzer / Receiver quickly scanned from 30MHz to 1000MHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- (7) The test mode(s) were scanned during the test:
- (8) Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and Q.P./Peak reading is presented.



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

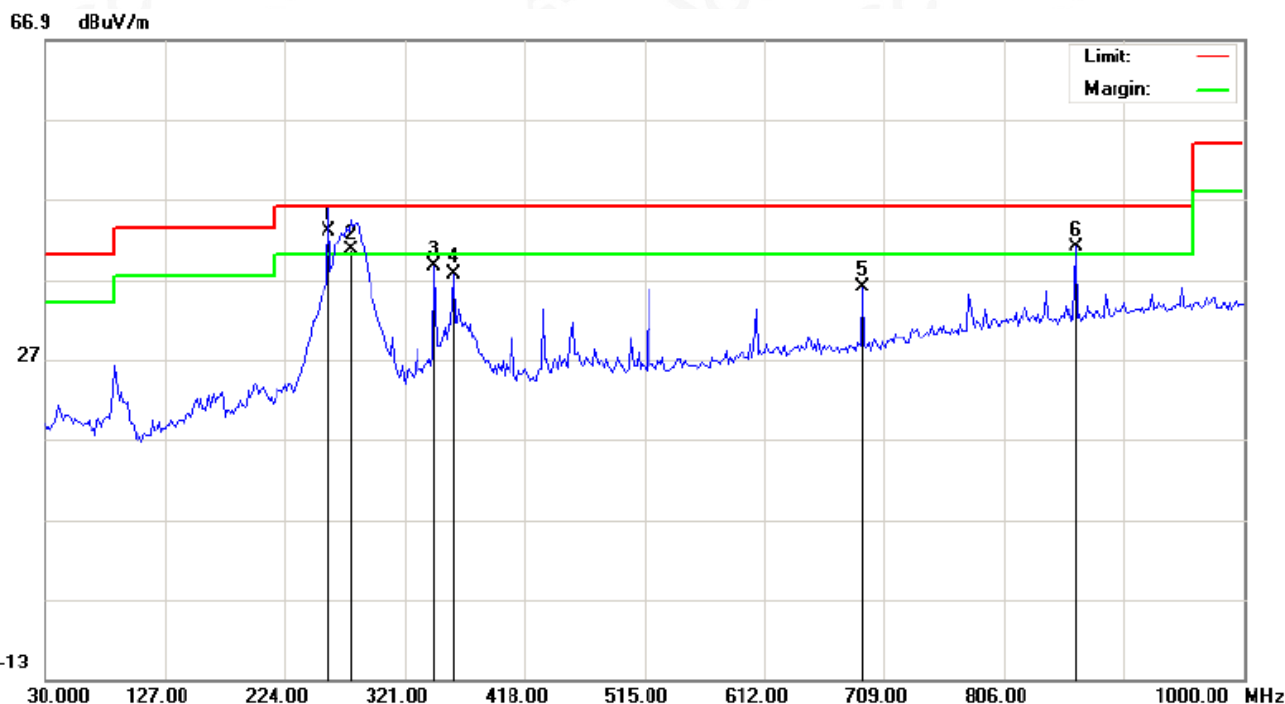
Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

Service Hotline:400 089 2118

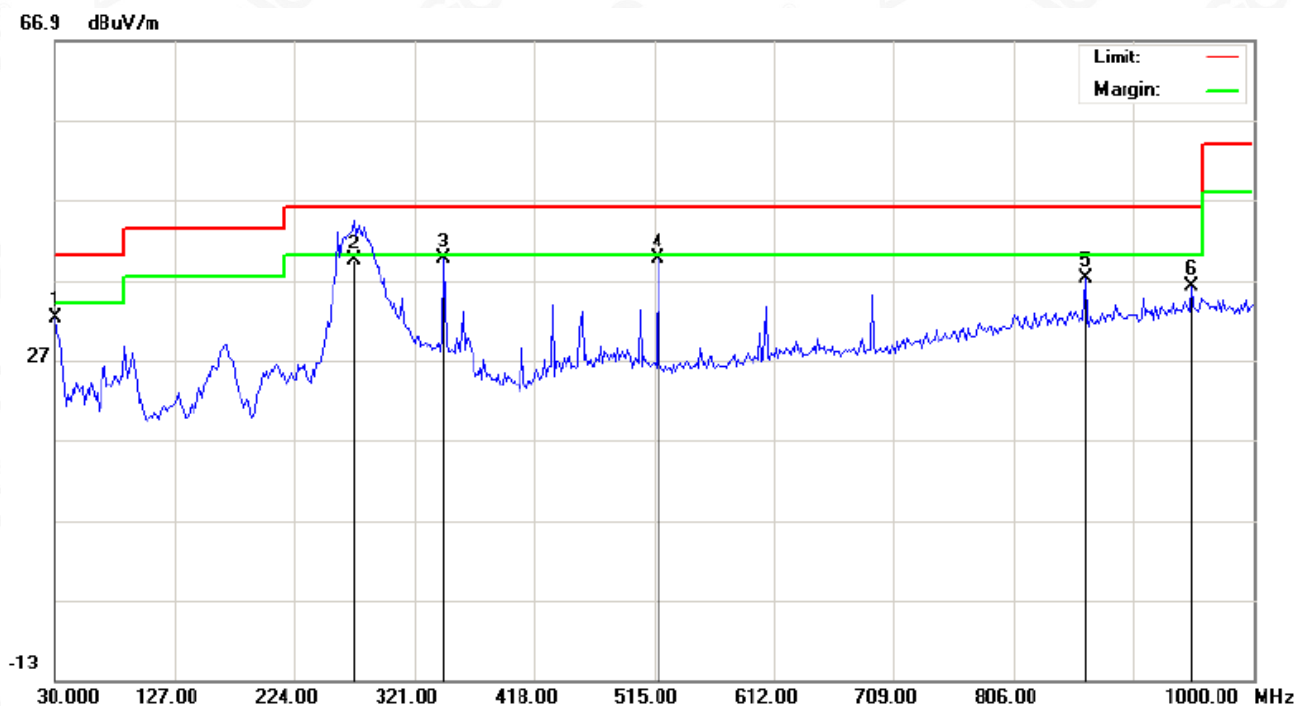
#### 9.4. TEST RESULT OF RADIATED EMISSION TEST

Radiated Emission below 1GHz Test at 3m Distance-Horizontal



| No. | Mk | Freq.    | Reading | Factor | Measurement | Limit  | Over   | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|--------|----------|----------------|--------------|---------|
|     |    | MHz      | dBuV    | dB/m   | dBuV/m      | dBuV/m | dB     |          | cm             | degree       |         |
| 1   | *  | 259.2182 | 24.77   | 18.32  | 43.09       | 46.00  | -2.91  | QP       |                |              |         |
| 2   | !  | 277.3500 | 20.91   | 19.72  | 40.63       | 46.00  | -5.37  | QP       |                |              |         |
| 3   |    | 345.2500 | 17.58   | 21.06  | 38.64       | 46.00  | -7.36  | peak     |                |              |         |
| 4   |    | 359.8000 | 15.94   | 21.57  | 37.51       | 46.00  | -8.49  | peak     |                |              |         |
| 5   |    | 691.2167 | 7.91    | 28.04  | 35.95       | 46.00  | -10.05 | peak     |                |              |         |
| 6   | !  | 864.2000 | 9.80    | 31.24  | 41.04       | 46.00  | -4.96  | peak     |                |              |         |

# Radiated Emission below 1GHz Test at 3m Distance-Vertical



| No. | Mk | Freq.    | Reading | Factor | Measurement | Limit  | Over  | Detector | Antenna Height | Table Degree | Comment |
|-----|----|----------|---------|--------|-------------|--------|-------|----------|----------------|--------------|---------|
|     |    | MHz      | dBuV    | dB/m   | dBuV/m      | dBuV/m | dB    |          | cm             | degree       |         |
| 1   |    | 30.0000  | 14.13   | 18.17  | 32.30       | 40.00  | -7.70 | peak     |                |              |         |
| 2   |    | 272.5000 | 20.08   | 19.33  | 39.41       | 46.00  | -6.59 | QP       |                |              |         |
| 3   | *  | 345.2500 | 18.59   | 21.06  | 39.65       | 46.00  | -6.35 | peak     |                |              |         |
| 4   |    | 518.2333 | 14.30   | 25.35  | 39.65       | 46.00  | -6.35 | peak     |                |              |         |
| 5   |    | 864.2000 | 6.02    | 31.24  | 37.26       | 46.00  | -8.74 | peak     |                |              |         |
| 6   |    | 949.8833 | 4.09    | 32.13  | 36.22       | 46.00  | -9.78 | peak     |                |              |         |

## RESULT: PASS

Note:

Measurement(dBuV/m)=Reading(dBuV)+Factor(dB/m)

Factor(dB/m)=Antenna Factor(dB/m)+Cable loss(dB)+Attenuation(dB)for Attenuator

Over= Measurement -Limit

Remark: which 1GHz-12.5GHz are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.



Attestation of Global Compliance(Shenzhen)Co.,Ltd.

Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,  
Xixiang, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755 2523 4088

E-mail: agc@agc-cert.com

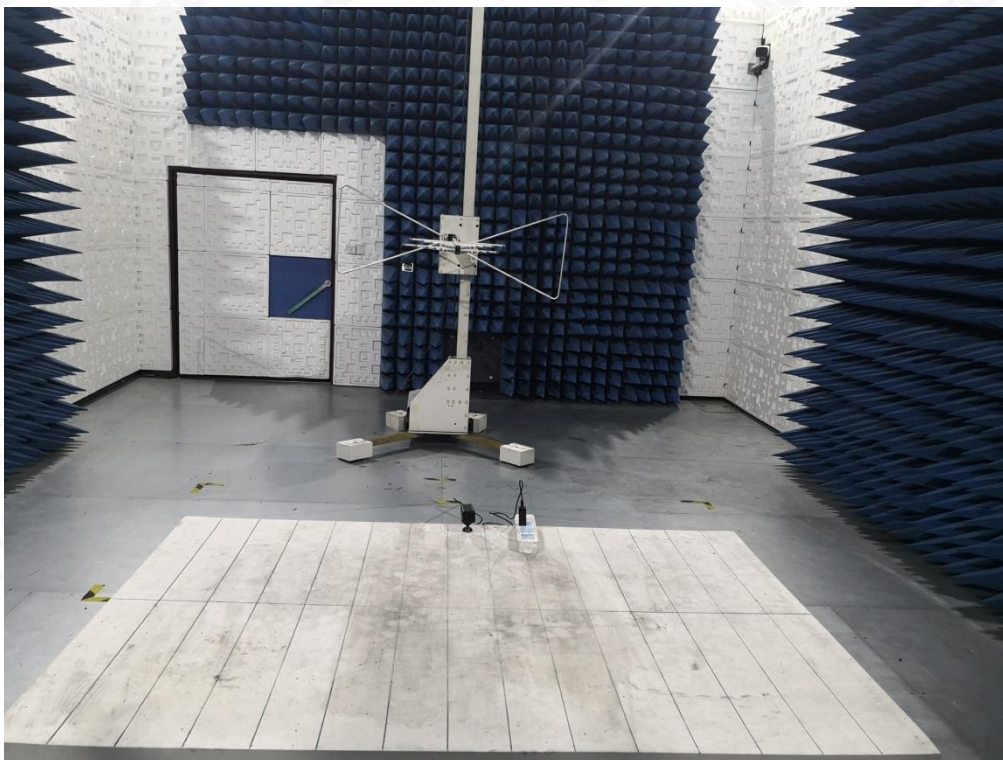
Service Hotline:400 089 2118

## APPENDIX A: PHOTOGRAPHS OF TEST SETUP

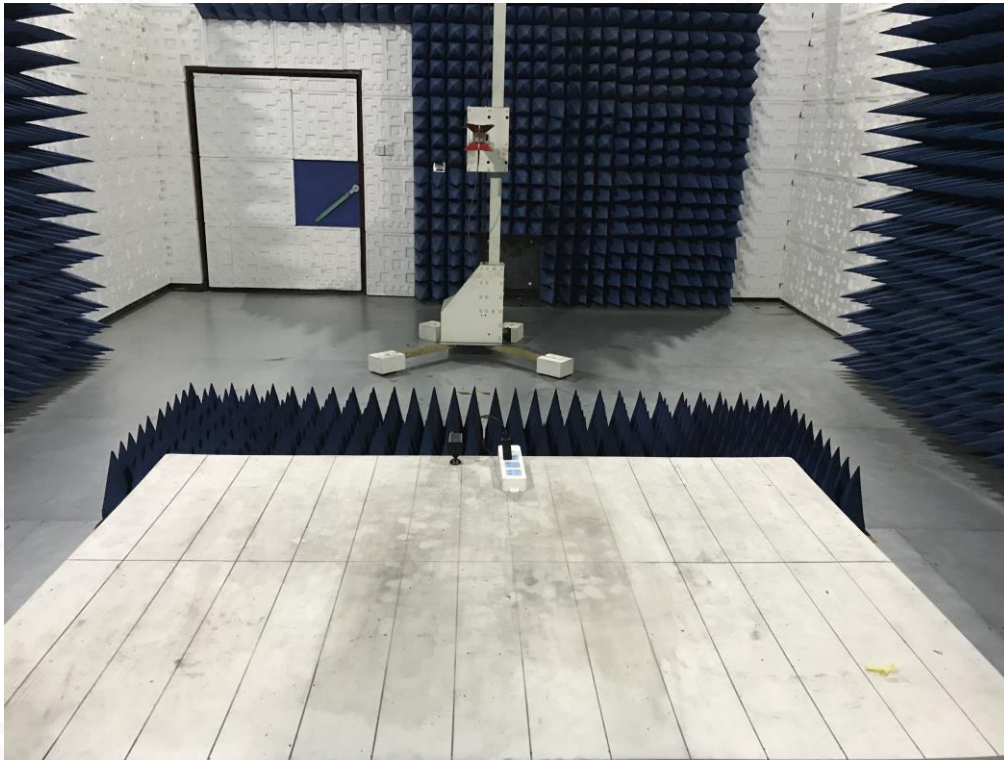
### FCC CONDUCTED EMISSION TEST SETUP



### FCC RADIATED EMISSION TEST SETUP



RADIATED EMISSION ABOVE 1G TEST SETUP

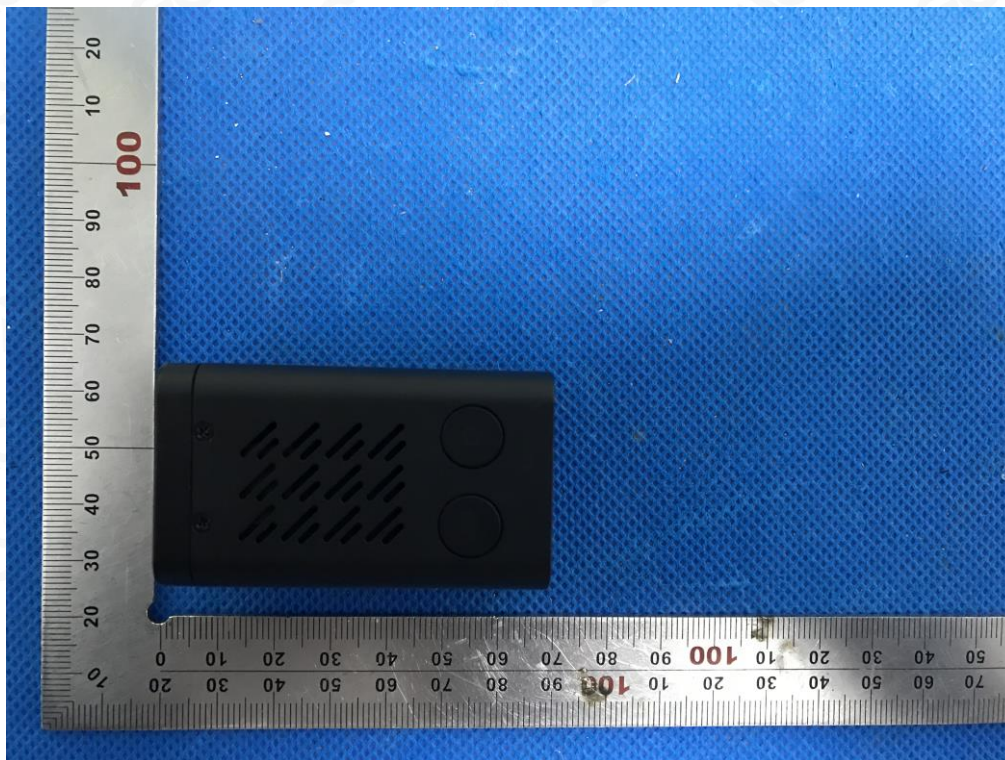


## APPENDIX B: PHOTOGRAPHS OF EUT

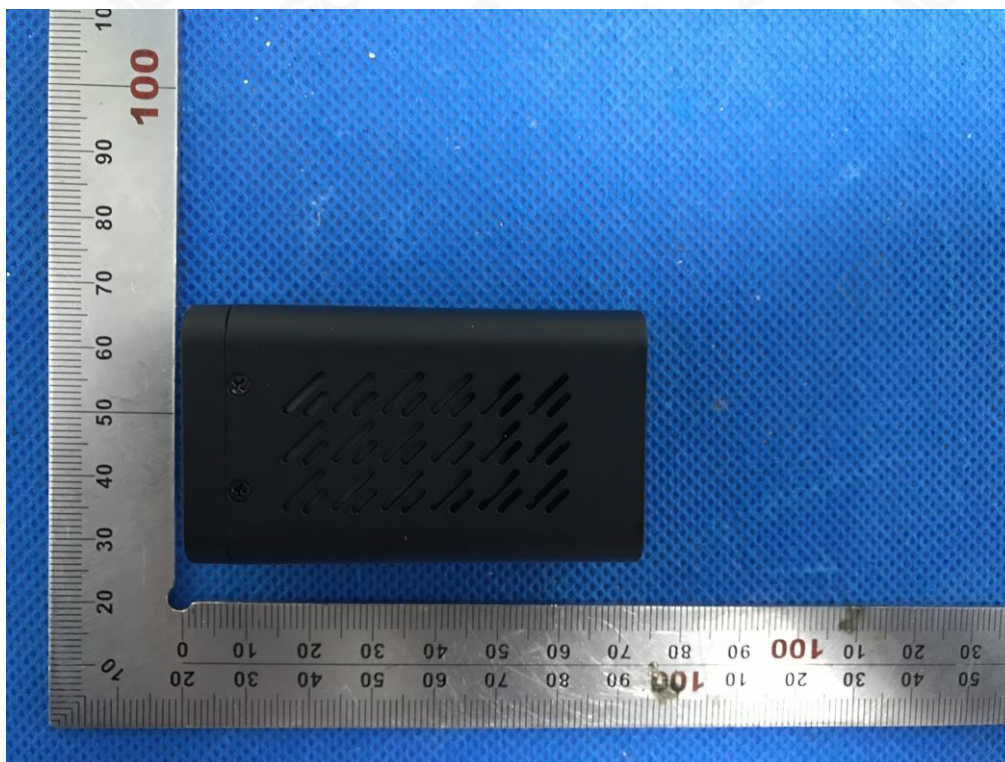
### ALL VIEW OF EUT



### TOP VIEW OF EUT



BOTTOM VIEW OF EUT



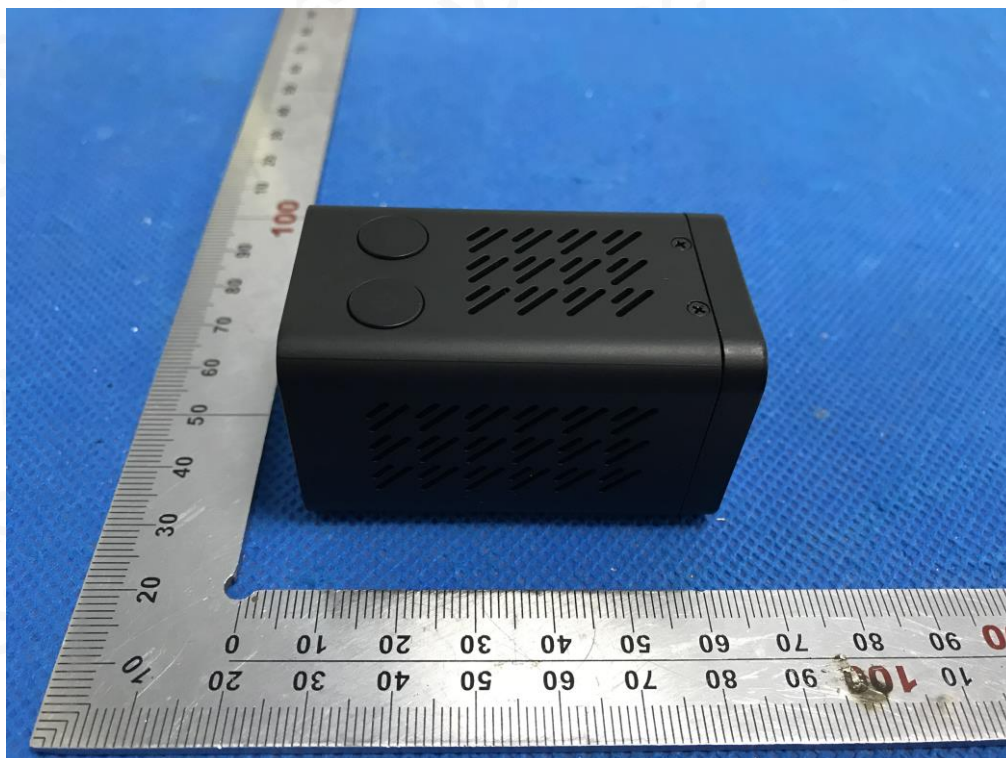
FRONT VIEW OF EUT



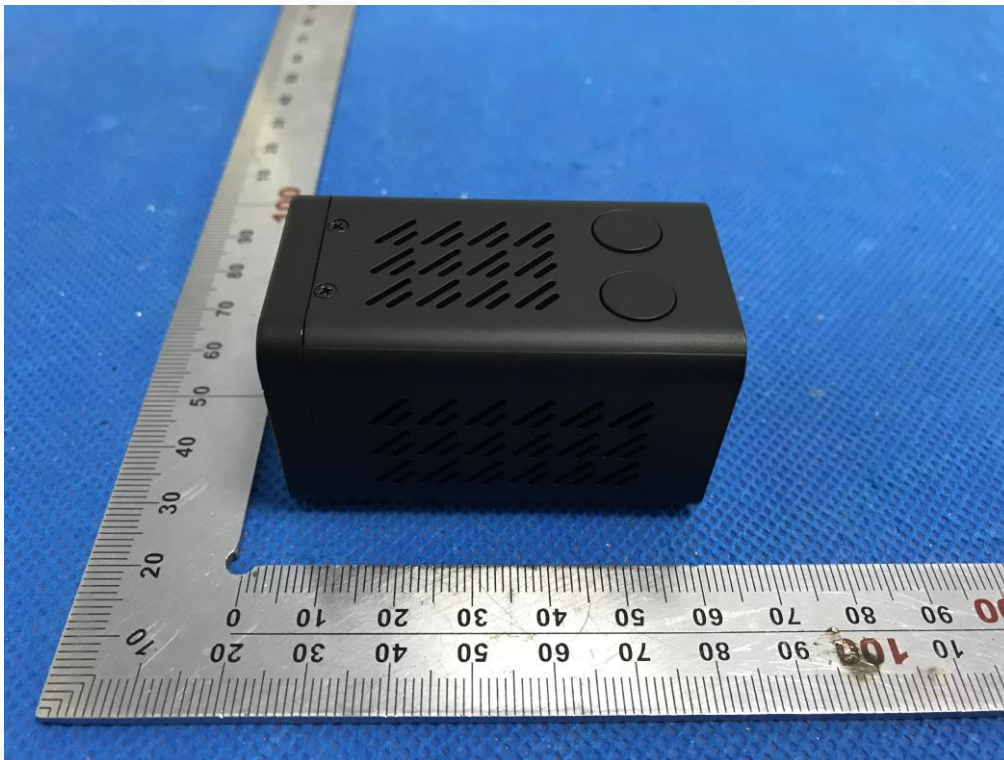
BACK VIEW OF EUT



LEFT VIEW OF EUT



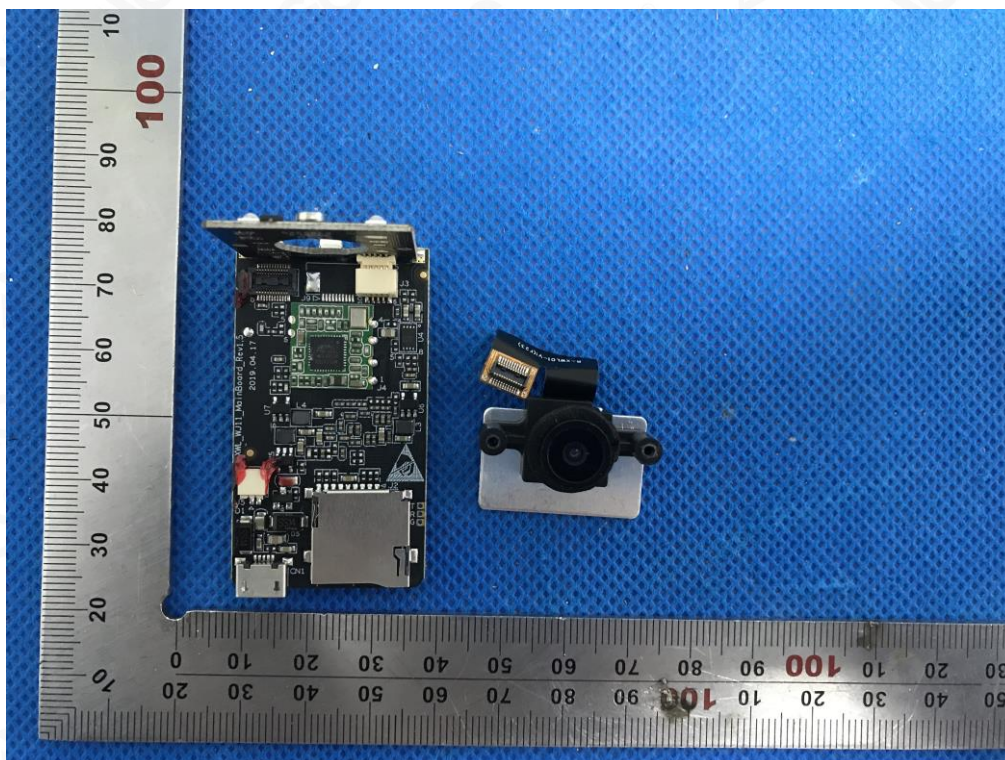
RIGHT VIEW OF EUT



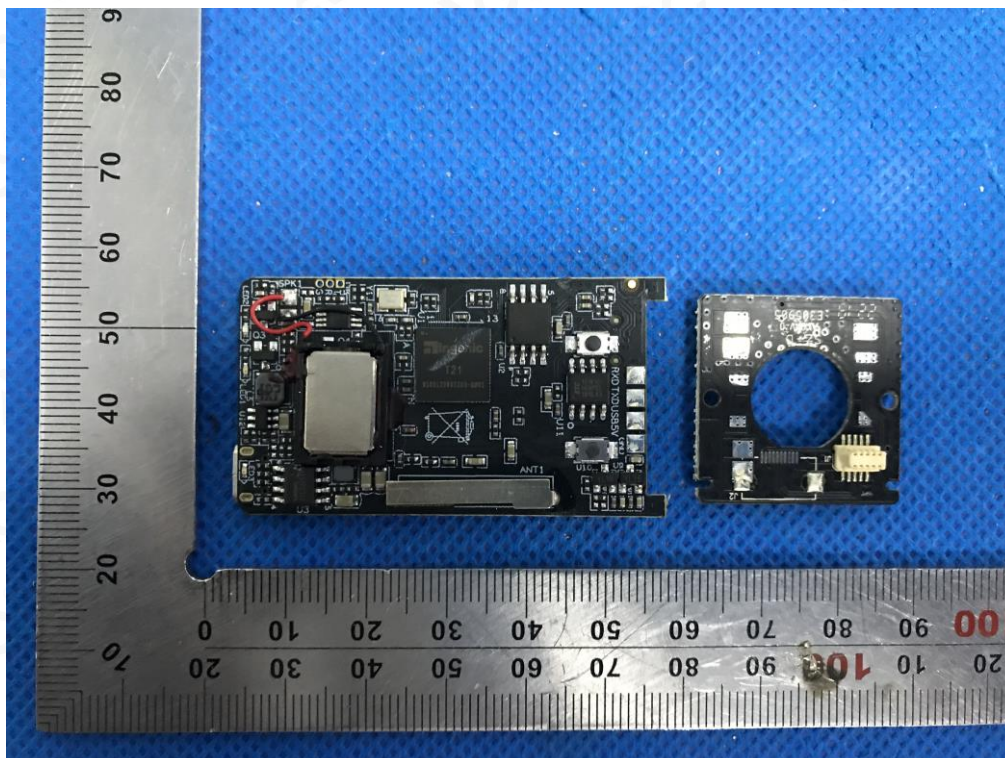
OPEN VIEW OF EUT



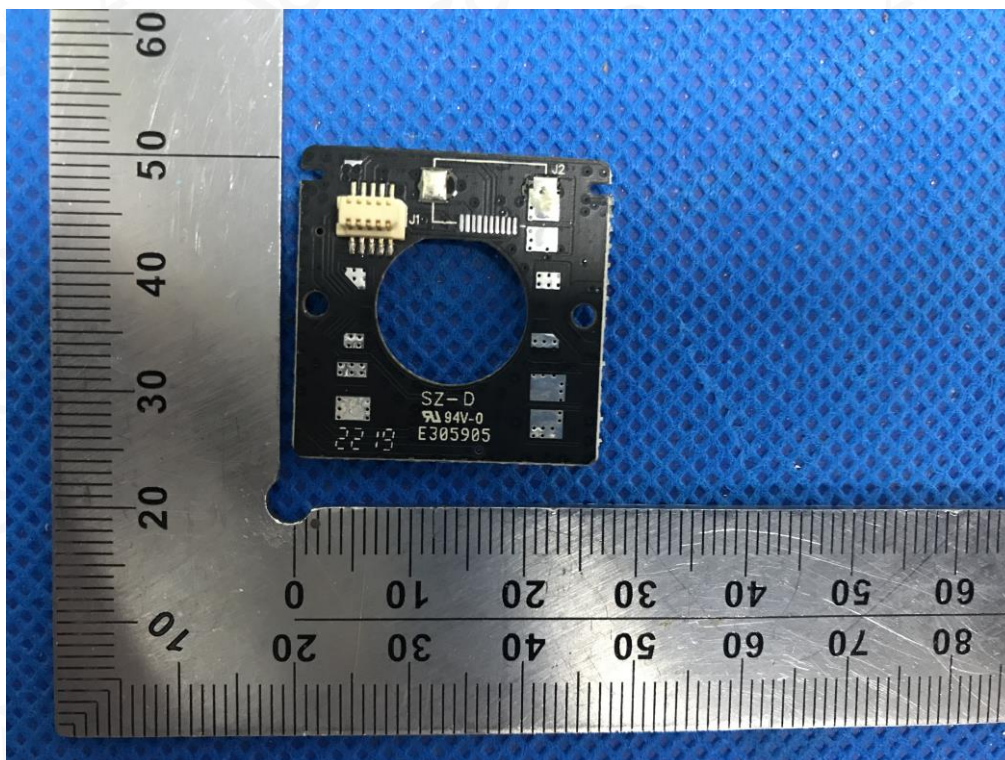
INTERNAL VIEW OF EUT-1



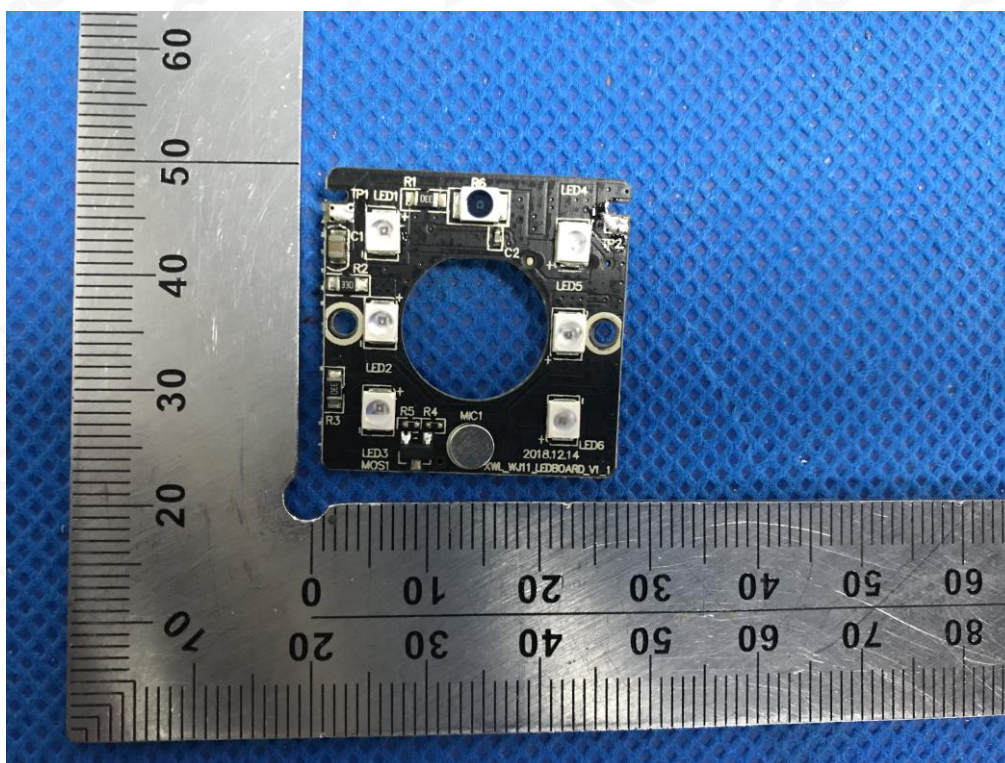
INTERNAL VIEW OF EUT-2



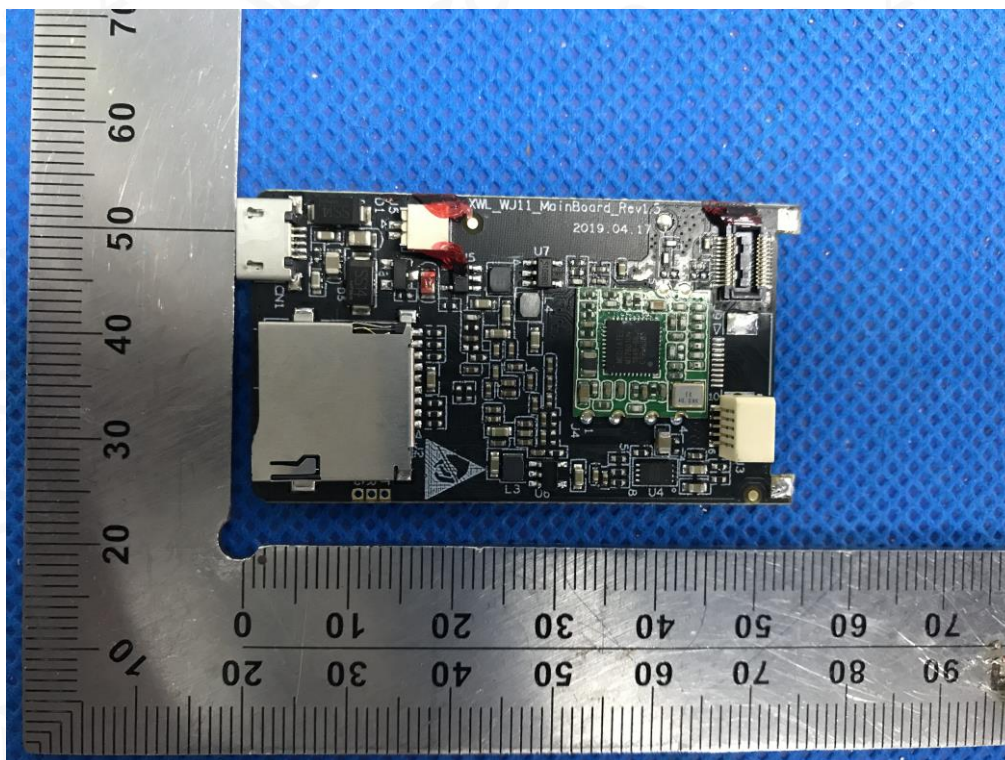
INTERNAL VIEW OF EUT-3



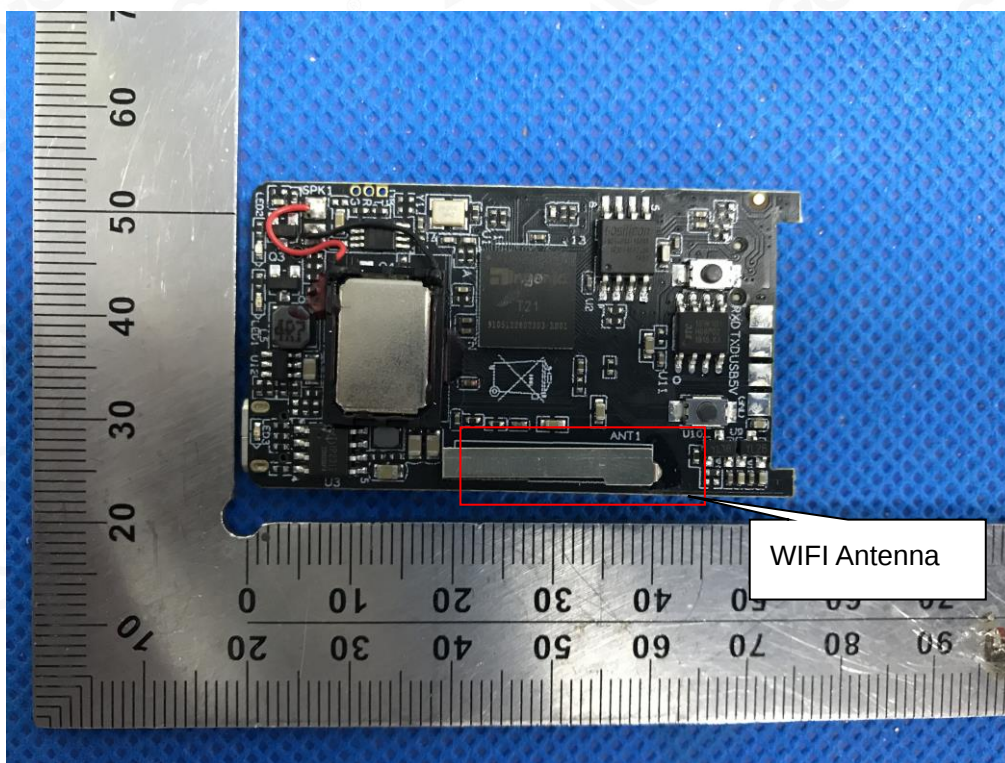
INTERNAL VIEW OF EUT-4



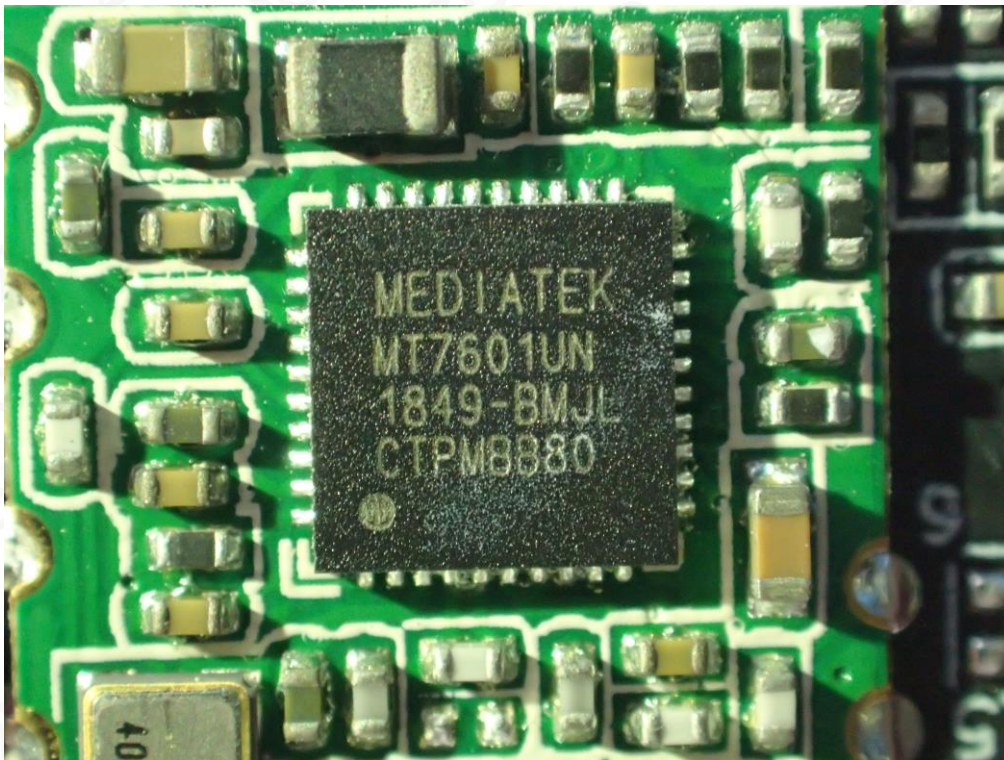
INTERNAL VIEW OF EUT-5



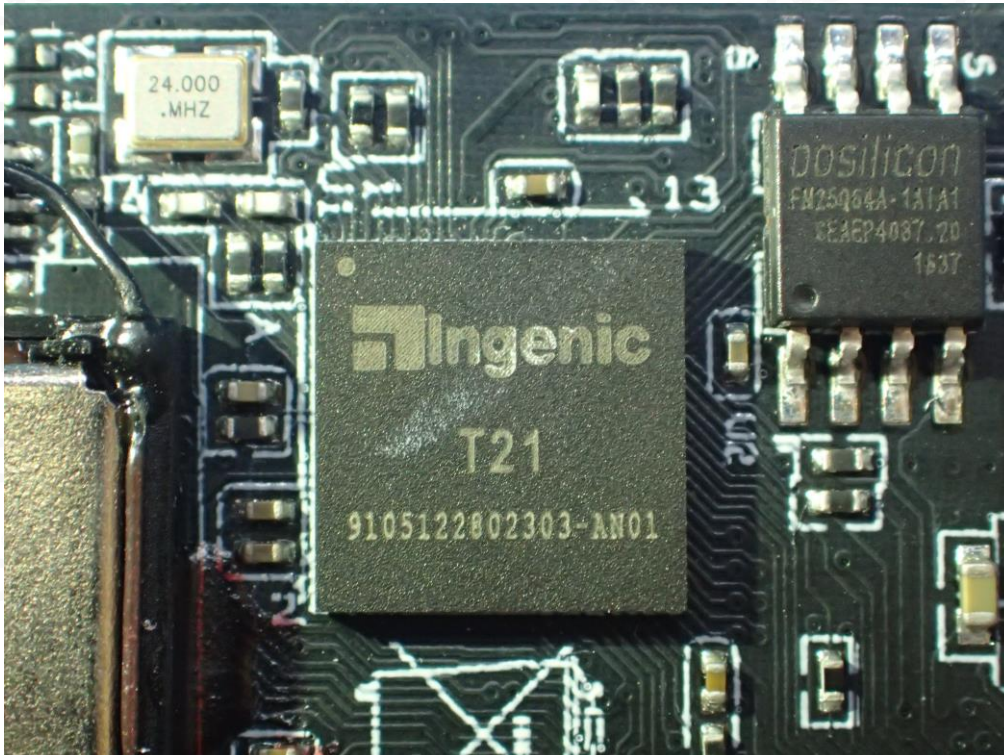
INTERNAL VIEW OF EUT-6



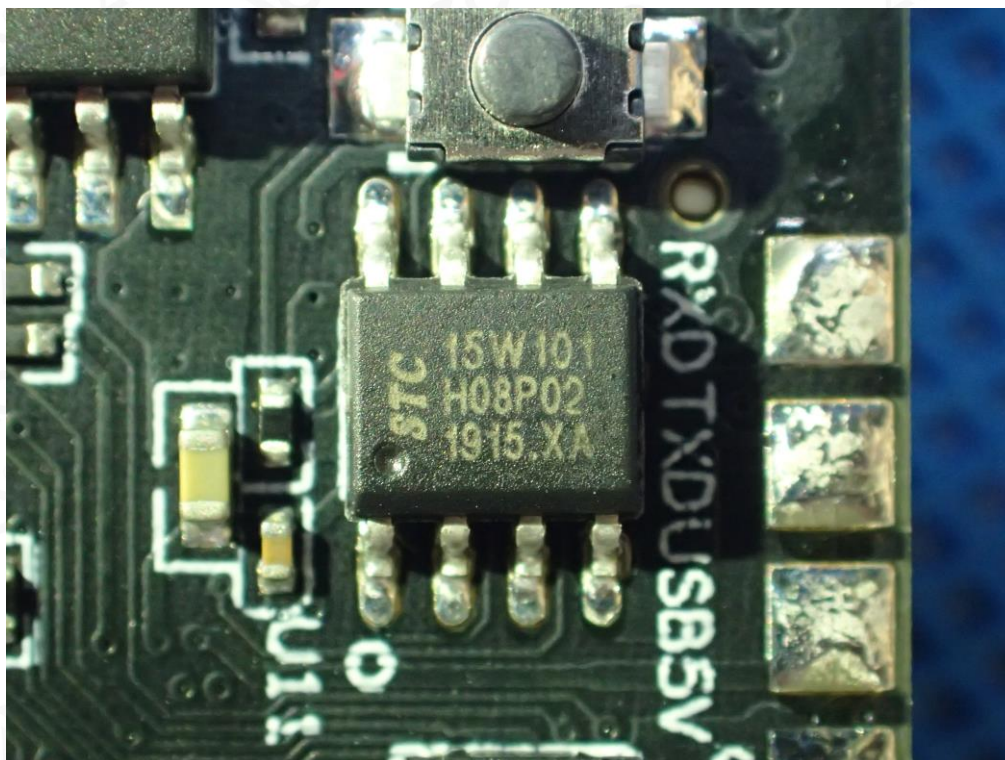
INTERNAL VIEW OF EUT-7



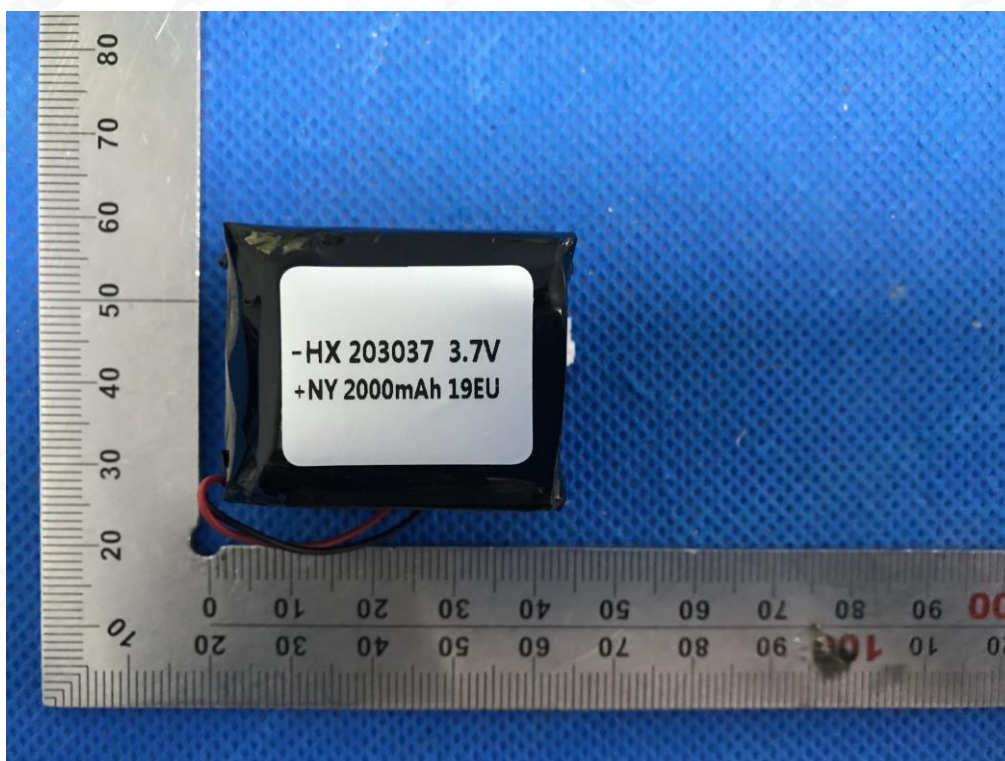
INTERNAL VIEW OF EUT-8



INTERNAL VIEW OF EUT-9



VIEW OF Battery



----END OF REPORT----