

# FCC CERTIFICATION TEST REPORT

For  
**FCC ID: RO6IZZOHYBRIDB**

Report Reference No. .... : 15FAB08001 21

FCC 2.948 No ..... : 923232

Date of issue ..... : 2016-03-09

Testing Laboratory ..... : ATT Product Service Co., Ltd.

Address ..... : No. 3, ChangLianShan Industrial Park, ChangAn Town,  
DongGuan City, GuangDong, China.

Applicant's name ..... : IZZO Golf

Address ..... : 1635 Commons Parkway; Macedon, New York  
14502 - 9191.USA

Manufacturer ..... : IZZO Golf

Test specification:

Test item description ..... : IZZO Hybrid

Trade Mark ..... : --

Model/Type reference ..... : Callaway Hybrid Rangefinder

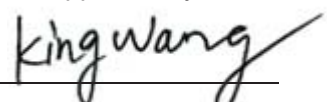
Ratings ..... : I/P: 5Vdc from USB PC input; AC 120V/60Hz;  
3.7V for Battery supply;

Responsible Engineer



(Lake Hu/Engineer)

Approved by



(King Wang/EMC Manger)

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**1. CERTIFICATION**

Testing Laboratory .....: ATT Product Service Co., Ltd.  
Address.....: No. 3, ChangLianShan Industrial Park, ChangAn Town,  
DongGuan City, GuangDong, China.

Applicant's name .....: IZZO Golf  
Address.....: 1635 Commons Parkway; Macedon, New York  
14502 - 9191.USA  
Manufacturer .....: Same as applicant  
Address.....: Same as applicant  
Factory.....: Macson Limited  
Address.....: No.5,Jun Da Zhong Lu,DongKeng,Dongguan,Guangdong,China

**Test specification:**  
Test item description.....: IZZO Hybrid  
Trade Mark .....: --  
Model/Type reference .....: Callaway Hybrid Rangefinder  
Test Sample: Callaway Hybrid Rangefinder  
Ratings.....: I/P: 5Vdc from USB PC input: AC 120V/60Hz;  
3.7V for Battery supply;

Tested Power: DC 3.7V

Standards .....: FCC Part 15 Subpart B

The device described above was tested by ATT Product Service Co., Ltd to determine the maximum emission levels emanated from the device and severity levels of the device endure and its performance criterion. The measurement results are contained in this test report and ATT Product Service Co., Ltd assumes full responsibility for the accuracy and completeness of these measurements. This report shows the EUT is technically compliance with the Part 15 Subpart B, ANSI C63.4 official requirements. This report applies to the above sample only and shall not be reproduced in part without written approval of ATT Product Service Co., Ltd.

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

| EMC Emission  |                    |               |          |        |
|---------------|--------------------|---------------|----------|--------|
| Standard      | Test Item          | Limit         | Judgment | Remark |
| FCC Part 15 B | Conducted Emission | Clause 15.107 | PASS     |        |
|               | Radiated Emission  | Clause 15.109 | PASS     |        |

Remark: All tests are according to ANSI C63.4-2014.

### 2.1 Description of EUT

|                          |   |                                                                    |
|--------------------------|---|--------------------------------------------------------------------|
| EUT* Name                | : | IZZO Hybrid                                                        |
| Model Number             | : | Callaway Hybrid Rangefinder                                        |
| Trade Mark               | : | --                                                                 |
| EUT function description | : | Please reference user manual of this device                        |
| Power supply             | : | I/P: 5Vdc from USB PC input: 120V/60Hz;<br>3.7V for Battery supply |
| Operation frequency      | : | Receive at 1575MHz                                                 |
| module version           | : | Module V_C                                                         |
| Antenna Type             | : | ceramic antenna                                                    |
| Sample Type              | : | Sole production                                                    |

### 2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95 %.

#### A. Conducted Measurement :

| Test Site | Method | Measurement Frequency Range | U , (dB) | NOTE |
|-----------|--------|-----------------------------|----------|------|
| C01       | ANSI   | 150 KHz ~ 30MHz             | 2.44     |      |

#### B. Radiated Measurement :

| Test Site | Method | Measurement Frequency Range | Ant.<br>H / V | U , (dB) | NOTE |
|-----------|--------|-----------------------------|---------------|----------|------|
| R03       | ANSI   | 30MHz ~ 200MHz              | V             | 3.42     |      |
|           |        | 30MHz ~ 200MHz              | H             | 3.52     |      |
|           |        | 200MHz ~ 1,000MHz           | V             | 3.52     |      |
|           |        | 200MHz ~ 1,000MHz           | H             | 3.54     |      |

## 2.3 DESCRIPTION OF TEST MODES AND ASSISTANT EQUIPMENT FOR TEST

### 2.3.1 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       | GPS               |
| Mode 1       | Data transmission |

| For Conducted Test |                   |
|--------------------|-------------------|
| Final Test Mode    | Description       |
| Mode 1             | GPS               |
| Mode 1             | Data transmission |

| For Radiated Test |                   |
|-------------------|-------------------|
| Final Test Mode   | Description       |
| Mode 1            | GPS               |
| Mode 1            | Data transmission |

**2.4 EQUIPMENT USED DURING TESTING:**

| Product Type* | Device   | Manufacturer | Model No. | Comments                   |
|---------------|----------|--------------|-----------|----------------------------|
| AE1           | PC       | Lenovo       | M733A     | SA13849807                 |
| AE2           | Mouse    | Lenovo       | MOEUUO    | 44F0301                    |
| AE3           | keyboard | Lenovo       | JME7053   | 2C087729<br>1.6M shielding |
| AE4           | Monitor  | Lenovo       | L1961wC   | 8M04771C2513094            |
| AE5           | Printer  | Epson        | P952B     | AXQ0018586                 |

\*Note: Use abbreviations:

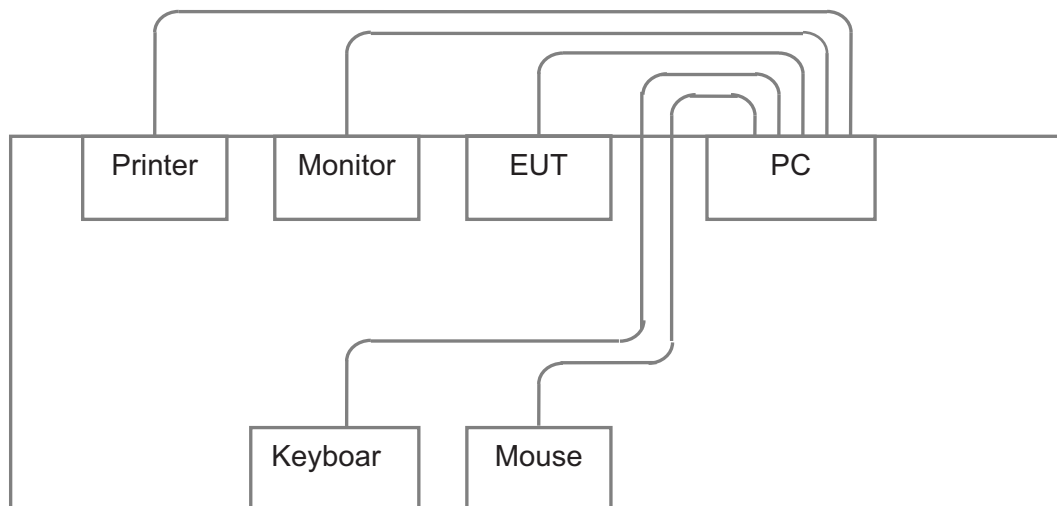
EUT - Equipment Under Test,

AE - Auxiliary/Associated Equipment, or

SIM - Simulator (Not Subjected to Test)

CABL – Connecting cables

Remark: All support device list above have been approved by FCC DoC.

**2.5 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED**

### 3. EMC EMISSION TEST

#### 3.1 CONDUCTED EMISSION MEASUREMENT

##### 3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

| FREQUENCY (MHz) | Class B (dBuV) |           |
|-----------------|----------------|-----------|
|                 | Quasi-peak     | Average   |
| 0.15 -0.5       | 66 - 56 *      | 56 - 46 * |
| 0.50 -5.0       | 56.00          | 46.00     |
| 5.0 -30.0       | 60.00          | 50.00     |

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

##### 3.1.2 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer      | Type No.    | Serial No.      | Calibrated until |
|------|-------------------|-------------------|-------------|-----------------|------------------|
| 1    | Pulse Limiter     | MTS-systemtechnik | MTS-IMP-136 | 261115-010-0024 | 12/19/2016       |
| 2    | EMI Test Receiver | R&S               | ESCI        | 101308          | 12/19/2016       |
| 3    | LISN              | AFJ               | LS16        | 16011103219     | 12/19/2016       |
| 4    | LISN              | SCHWARZBECK       | NSLK 8127   | 8127-432        | 12/19/2016       |

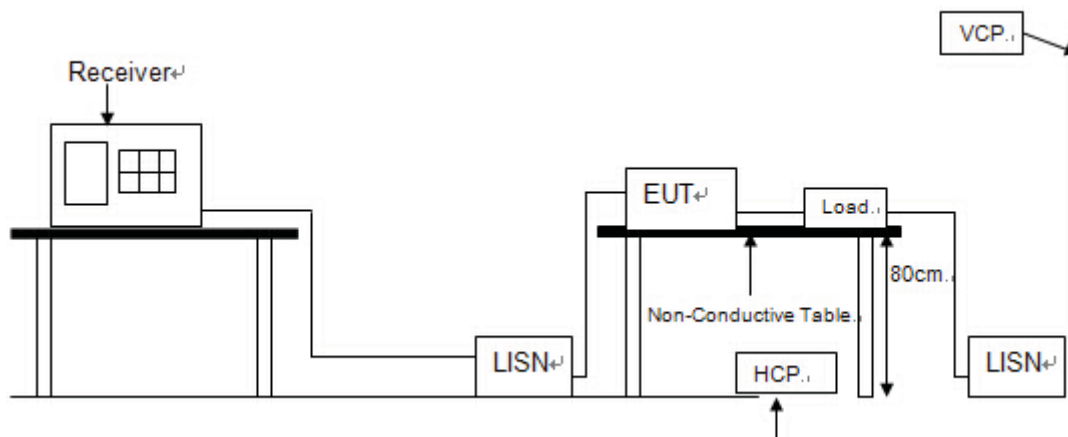
### 3.1.3 TEST PROCEDURE

- The EUT was placed 0.8 meters from the horizontal reference ground plane and 0.4 meters from vertical reference ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

### 3.1.4 DEVIATION FROM TEST STANDARD

No deviation

### 3.1.5 TEST SETUP



### 3.1.6 EUT OPERATING CONDITIONS

The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

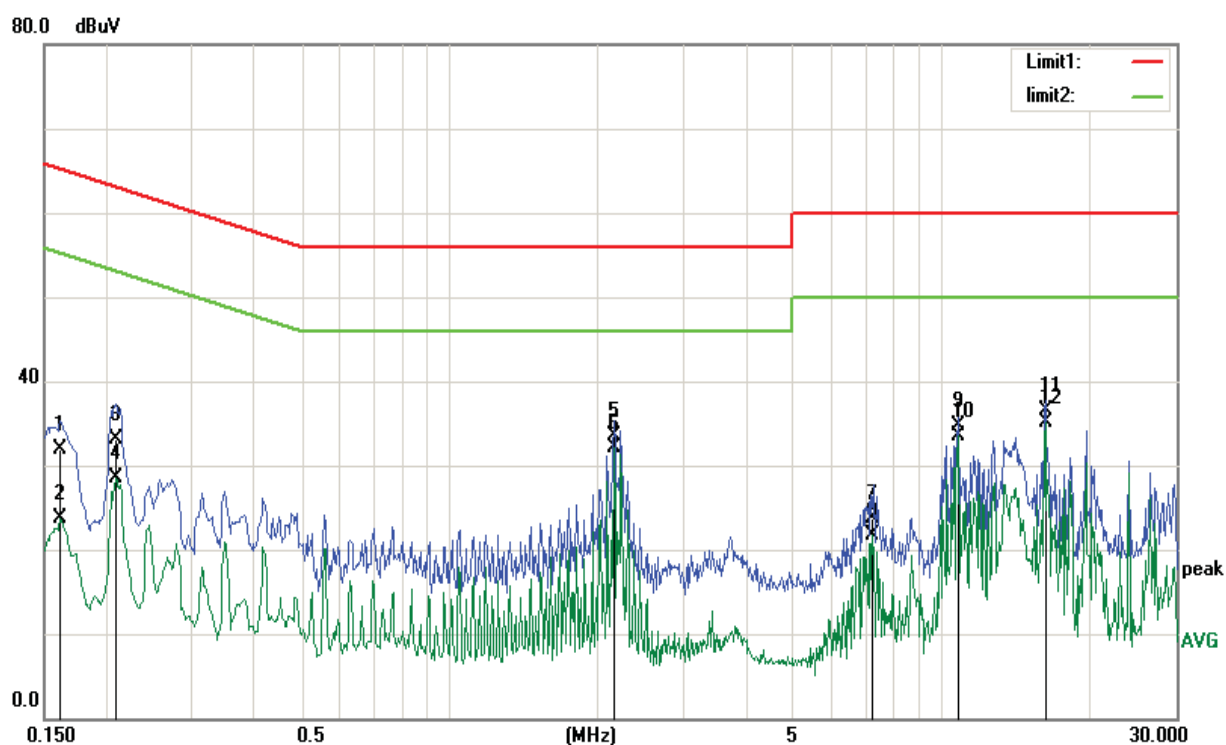
### 3.1.7 TEST RESULTS

|                      |                       |                            |                             |
|----------------------|-----------------------|----------------------------|-----------------------------|
| <b>EUT :</b>         | IZZO Hybrid           | <b>Model No. :</b>         | Callaway Hybrid Rangefinder |
| <b>Temperature :</b> | 24°C                  | <b>Relative Humidity :</b> | 55%                         |
| <b>Pressure :</b>    | 1008 hPa              | <b>Test Power :</b>        | 120V/60Hz                   |
| <b>Test Mode :</b>   | GPS/Data transmission |                            |                             |

#### Remark

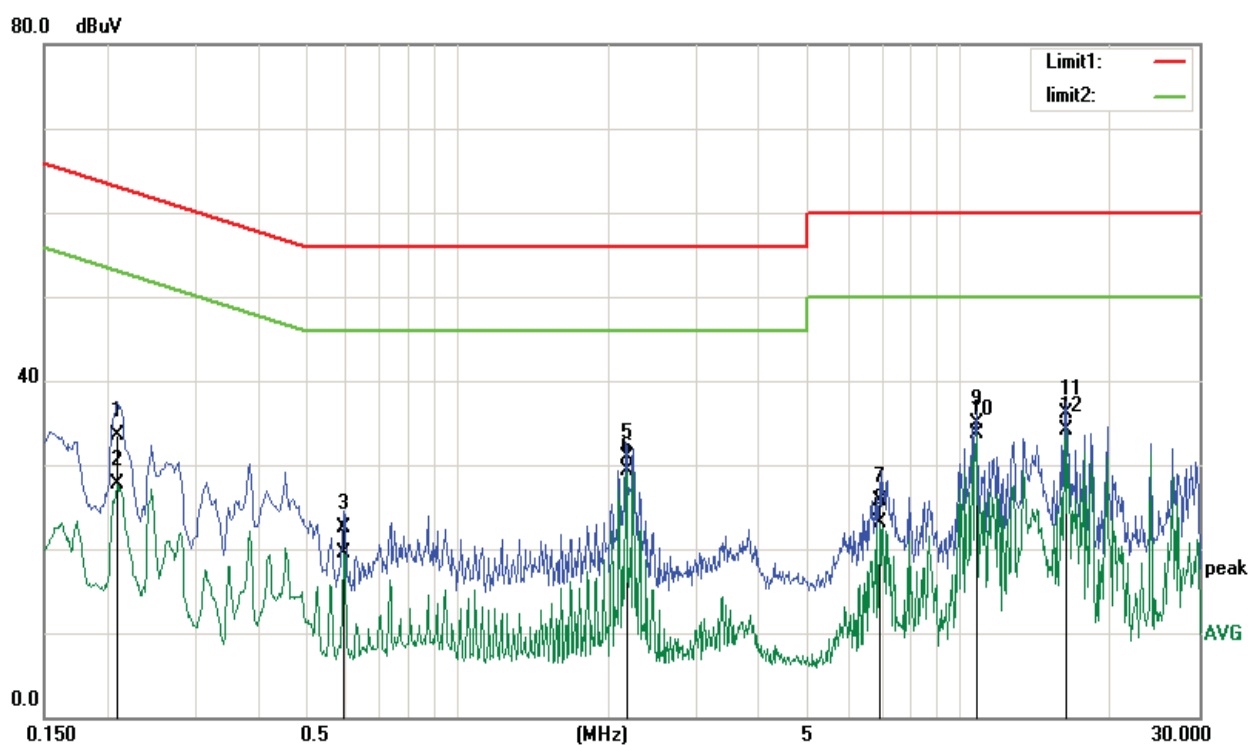
- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz ; SPA setting in RBW=10KHz,VBW =10KHz, Sweep. Time = 0.3 sec./MHz. Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=1MHz,VBW=10Hz, Sweep. Time =0.3 sec./MHz.
- (2) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “\*” marked in AVG Mode column of Interference Voltage Measured.
- (3) Measuring frequency range from 150KHz to 30MHz.
- (4) Measurement result=Reading + Correct.

|              |                            |                    |                             |
|--------------|----------------------------|--------------------|-----------------------------|
| EUT:         | IZZ0 Hybrid                | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature: | 24℃                        | Relative Humidity: | 55%                         |
| Probe:       | L1                         | Test Power:        | 120V/60Hz                   |
| Standard:    | (CE)FCC PART 15 class B_QP | Test Result:       | Pass                        |
| Test Mode:   | GPS                        | Test By:           | Sandy                       |
| Note:        |                            |                    |                             |



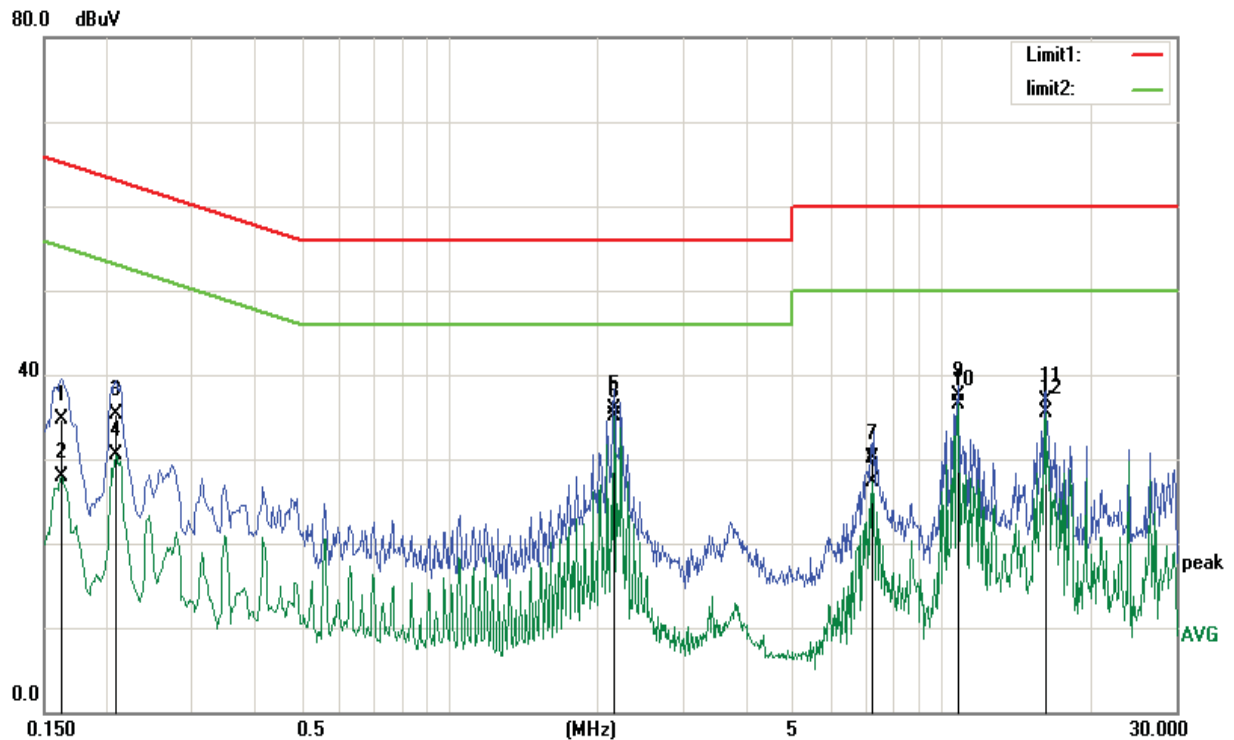
| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|-----------------|----------------|--------------------|---------------|--------------|-------------|--------|
| 1   | 0.1620          | 20.48          | 11.39              | 31.87         | 65.36        | -33.49      | QP     |
| 2   | 0.1620          | 12.25          | 11.39              | 23.64         | 55.36        | -31.72      | AVG    |
| 3   | 0.2099          | 22.09          | 11.06              | 33.15         | 63.21        | -30.06      | QP     |
| 4   | 0.2099          | 17.46          | 11.06              | 28.52         | 53.21        | -24.69      | AVG    |
| 5   | 2.1619          | 23.34          | 10.11              | 33.45         | 56.00        | -22.55      | QP     |
| 6   | 2.1619          | 21.92          | 10.11              | 32.03         | 46.00        | -13.97      | AVG    |
| 7   | 7.2499          | 13.57          | 10.12              | 23.69         | 60.00        | -36.31      | QP     |
| 8   | 7.2499          | 11.68          | 10.12              | 21.80         | 50.00        | -28.20      | AVG    |
| 9   | 10.7939         | 24.63          | 10.15              | 34.78         | 60.00        | -25.22      | QP     |
| 10  | 10.7939         | 23.42          | 10.15              | 33.57         | 50.00        | -16.43      | AVG    |
| 11  | 16.2299         | 26.39          | 10.16              | 36.55         | 60.00        | -23.45      | QP     |
| 12  | 16.2299         | 24.85          | 10.16              | 35.01         | 50.00        | -14.99      | AVG    |

|              |                            |                    |                             |
|--------------|----------------------------|--------------------|-----------------------------|
| EUT:         | IZZO Hybrid                | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature: | 24℃                        | Relative Humidity: | 55%                         |
| Probe:       | N                          | Test Power:        | 120V/60Hz                   |
| Standard:    | (CE)FCC PART 15 class B_QP | Test Result:       | Pass                        |
| Test Mode:   | GPS                        | Test By:           | Sandy                       |
| Note:        |                            |                    |                             |



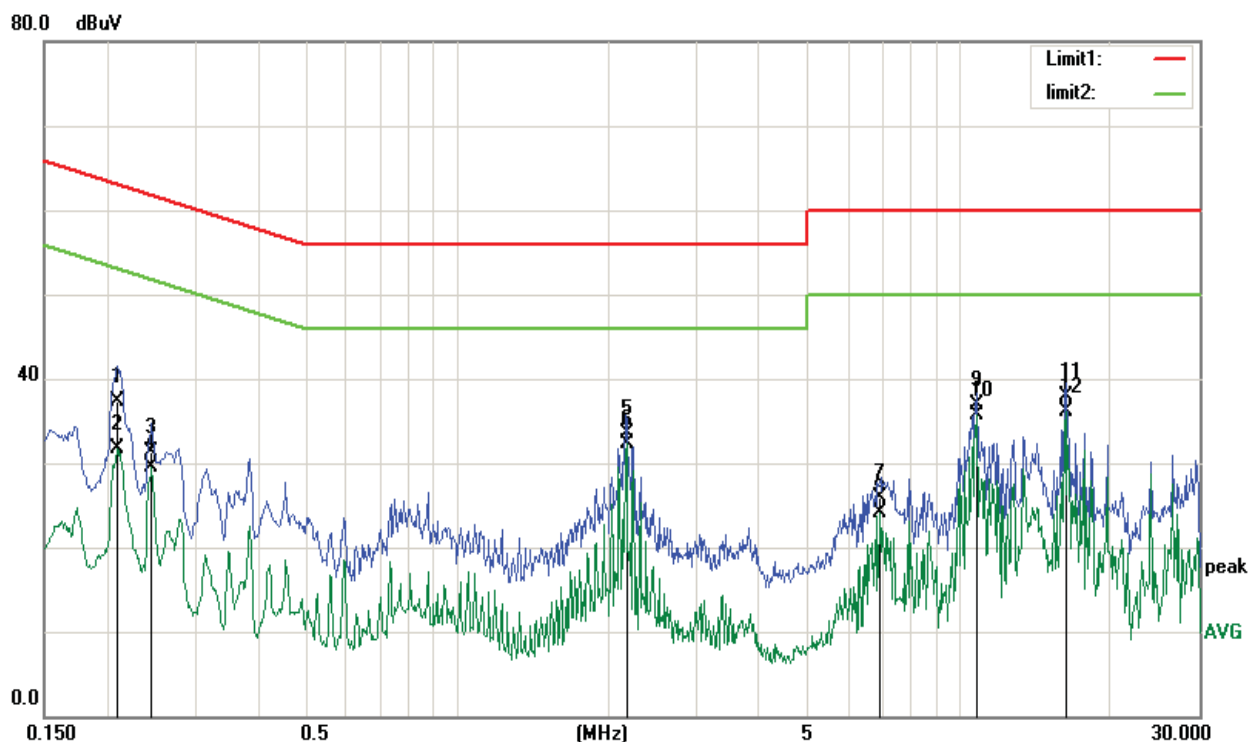
| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>Factor(dB) | Result<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-----------------------|------------------|-----------------|----------------|--------|
| 1   | 0.2099             | 22.52             | 11.06                 | 33.58            | 63.21           | -29.63         | QP     |
| 2   | 0.2099             | 16.62             | 11.06                 | 27.68            | 53.21           | -25.53         | AVG    |
| 3   | 0.5939             | 12.31             | 10.15                 | 22.46            | 56.00           | -33.54         | QP     |
| 4   | 0.5939             | 9.35              | 10.15                 | 19.50            | 46.00           | -26.50         | AVG    |
| 5   | 2.1699             | 20.83             | 10.12                 | 30.95            | 56.00           | -25.05         | QP     |
| 6   | 2.1699             | 19.16             | 10.12                 | 29.28            | 46.00           | -16.72         | AVG    |
| 7   | 6.9218             | 15.64             | 10.12                 | 25.76            | 60.00           | -34.24         | QP     |
| 8   | 6.9218             | 13.02             | 10.12                 | 23.14            | 50.00           | -26.86         | AVG    |
| 9   | 10.7939            | 24.84             | 10.15                 | 34.99            | 60.00           | -25.01         | QP     |
| 10  | 10.7939            | 23.50             | 10.15                 | 33.65            | 50.00           | -16.35         | AVG    |
| 11  | 16.2299            | 25.86             | 10.16                 | 36.02            | 60.00           | -23.98         | QP     |
| 12  | 16.2299            | 23.97             | 10.16                 | 34.13            | 50.00           | -15.87         | AVG    |

|              |                            |                    |                             |
|--------------|----------------------------|--------------------|-----------------------------|
| EUT:         | IZZO Hybrid                | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature: | 24°C                       | Relative Humidity: | 55%                         |
| Probe:       | L1                         | Test Power:        | 120V/60Hz                   |
| Standard:    | (CE)FCC PART 15 class B_QP | Test Result:       | Pass                        |
| Test Mode:   | Data transmission          | Test By:           | Sandy                       |
| Note:        |                            |                    |                             |



| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|-----------------|----------------|--------------------|---------------|--------------|-------------|--------|
| 1   | 0.1621          | 23.32          | 11.39              | 34.71         | 65.35        | -30.64      | QP     |
| 2   | 0.1621          | 16.59          | 11.39              | 27.98         | 55.35        | -27.37      | AVG    |
| 3   | 0.2099          | 24.18          | 11.06              | 35.24         | 63.21        | -27.97      | QP     |
| 4   | 0.2099          | 19.46          | 11.06              | 30.52         | 53.21        | -22.69      | AVG    |
| 5   | 2.1619          | 25.85          | 10.11              | 35.96         | 56.00        | -20.04      | QP     |
| 6   | 2.1619          | 24.92          | 10.11              | 35.03         | 46.00        | -10.97      | AVG    |
| 7   | 7.2499          | 19.96          | 10.12              | 30.08         | 60.00        | -29.92      | QP     |
| 8   | 7.2499          | 17.18          | 10.12              | 27.30         | 50.00        | -22.70      | AVG    |
| 9   | 10.7939         | 27.34          | 10.15              | 37.49         | 60.00        | -22.51      | QP     |
| 10  | 10.7939         | 26.42          | 10.15              | 36.57         | 50.00        | -13.43      | AVG    |
| 11  | 16.2299         | 26.72          | 10.16              | 36.88         | 60.00        | -23.12      | QP     |
| 12  | 16.2299         | 25.35          | 10.16              | 35.51         | 50.00        | -14.49      | AVG    |

|              |                            |                    |                             |
|--------------|----------------------------|--------------------|-----------------------------|
| EUT:         | IZZO Hybrid                | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature: | 24°C                       | Relative Humidity: | 55%                         |
| Probe:       | N                          | Test Power:        | 120V/60Hz                   |
| Standard:    | (CE)FCC PART 15 class B_QP | Test Result:       | Pass                        |
| Test Mode:   | Data transmission          | Test By:           | Sandy                       |
| Note:        |                            |                    |                             |



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>Factor(dB) | Result<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-----------------------|------------------|-----------------|----------------|--------|
| 1   | 0.2099             | 26.28             | 11.06                 | 37.34            | 63.21           | -25.87         | QP     |
| 2   | 0.2099             | 20.62             | 11.06                 | 31.68            | 53.21           | -21.53         | AVG    |
| 3   | 0.2459             | 20.44             | 10.81                 | 31.25            | 61.89           | -30.64         | QP     |
| 4   | 0.2459             | 18.77             | 10.81                 | 29.58            | 51.89           | -22.31         | AVG    |
| 5   | 2.1699             | 23.34             | 10.12                 | 33.46            | 56.00           | -22.54         | QP     |
| 6   | 2.1699             | 22.16             | 10.12                 | 32.28            | 46.00           | -13.72         | AVG    |
| 7   | 6.9218             | 15.85             | 10.12                 | 25.97            | 60.00           | -34.03         | QP     |
| 8   | 6.9218             | 14.02             | 10.12                 | 24.14            | 50.00           | -25.86         | AVG    |
| 9   | 10.7939            | 26.67             | 10.15                 | 36.82            | 60.00           | -23.18         | QP     |
| 10  | 10.7939            | 25.50             | 10.15                 | 35.65            | 50.00           | -14.35         | AVG    |
| 11  | 16.2299            | 27.73             | 10.16                 | 37.89            | 60.00           | -22.11         | QP     |
| 12  | 16.2299            | 25.97             | 10.16                 | 36.13            | 50.00           | -13.87         | AVG    |

## 3.2 RADIATED EMISSION MEASUREMENT

### 3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT (Below 1000MHz)

#### FREQUENCY RANGE OF RADIATED MEASUREMENT (For FCC)

☒ FCC Class B Limit at 3m

| Frequency  | Distance | Field Strength  |                          |
|------------|----------|-----------------|--------------------------|
| MHz        | Meter    | $\mu\text{V/m}$ | $\text{dB}\mu\text{V/m}$ |
| 30 to 88   | 3        | 100             | 40.0                     |
| 88 to 216  | 3        | 150             | 43.5                     |
| 216 to 960 | 3        | 200             | 46.0                     |
| Above 960  | 3        | 500             | 54.0                     |

| Frequency range<br>GHz | Average limit<br>$\text{dB}(\mu\text{V/m})$ | Peak limit<br>$\text{dB}(\mu\text{V/m})$ |
|------------------------|---------------------------------------------|------------------------------------------|
| Above 1000             | 54                                          | 74                                       |

## 3.2.2 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No.   | Serial No.         | Calibrated until |
|------|-------------------|--------------|------------|--------------------|------------------|
| 1    | Log-Bicon Antenna | SCHWARZBECK  | VULB9168   | VULB9168-192       | 12/19/2016       |
| 2    | Pre-Amplifier     | HP           | 8447F      | 3113A05680         | 12/19/2016       |
| 3    | EMI Test Receiver | R&S          | ESCI       | 101307             | 12/19/2016       |
| 4    | Spectrum Analyzer | Agilent      | E4407B     | US40240708         | 07/09/2016       |
| 5    | Horn Antenna      | Schwarzbeck  | BBHA 9120D | BBHA 9120D<br>1065 | 12/19/2016       |
| 6    | Pre-Amplifier     | CY           | EMC011830  | 980136             | 12/19/2016       |
| 7    | Turn Table        | UC           | UC3000     | N/A                | N/A              |
| 8    | Antenna Mast      | UC           | UC3000     | N/A                | N/A              |

Remark: " N/A" denotes No Model No. / Serial No. and No Calibration specified.

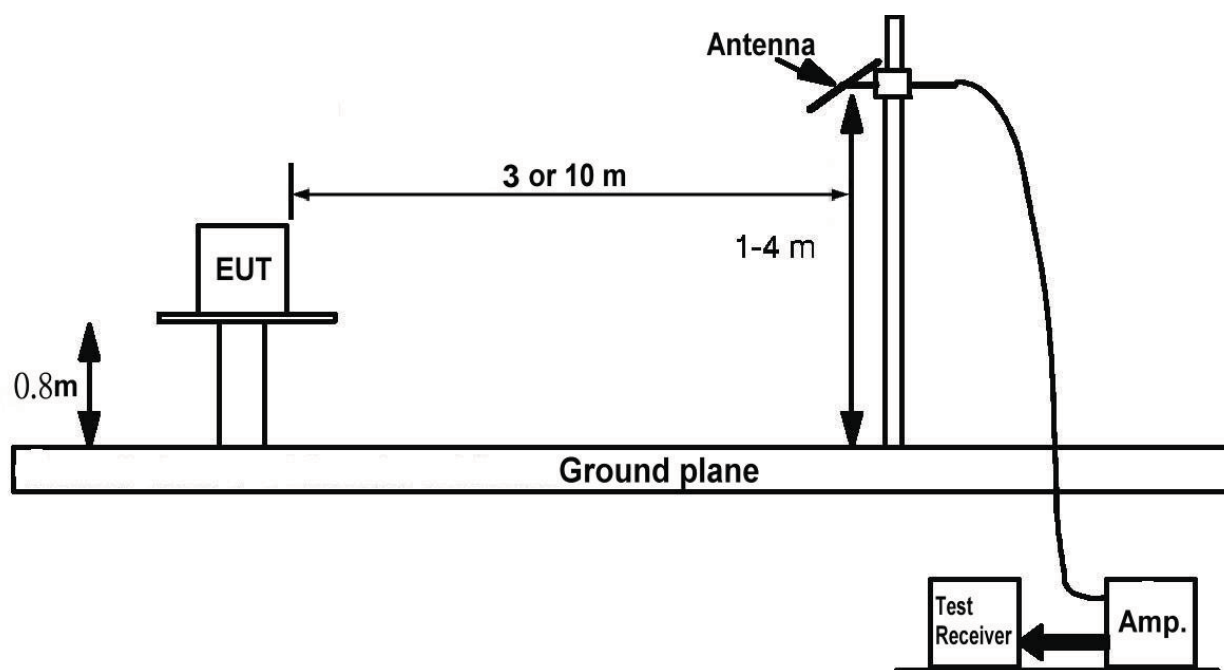
## 3.2.3 TEST PROCEDURE

- The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m or 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

## 3.2.4 DEVIATION FROM TEST STANDARD

No deviation

### 3.2.5 TEST SETUP



### 3.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.2** Unless otherwise a special operating condition is specified in the follows during the testing.

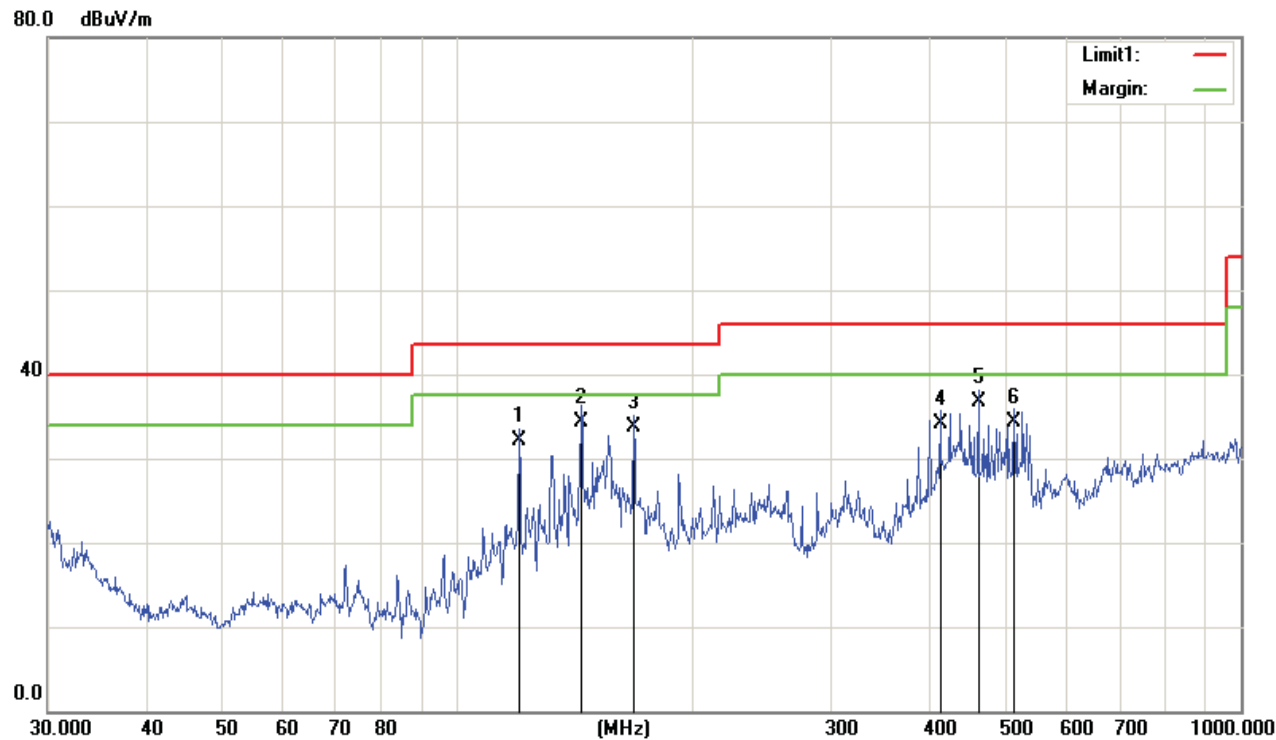
### 3.2.7 TEST RESULTS

|                      |                       |                            |                                |
|----------------------|-----------------------|----------------------------|--------------------------------|
| <b>EUT :</b>         | IZZO Hybrid           | <b>Model No. :</b>         | Callaway Hybrid<br>Rangefinder |
| <b>Temperature :</b> | 24℃                   | <b>Relative Humidity :</b> | 55%                            |
| <b>Pressure :</b>    | 1009 hPa              | <b>Test Power :</b>        | 3.7Vd.c                        |
| <b>Test Mode :</b>   | GPS/Data transmission |                            |                                |

Remark :

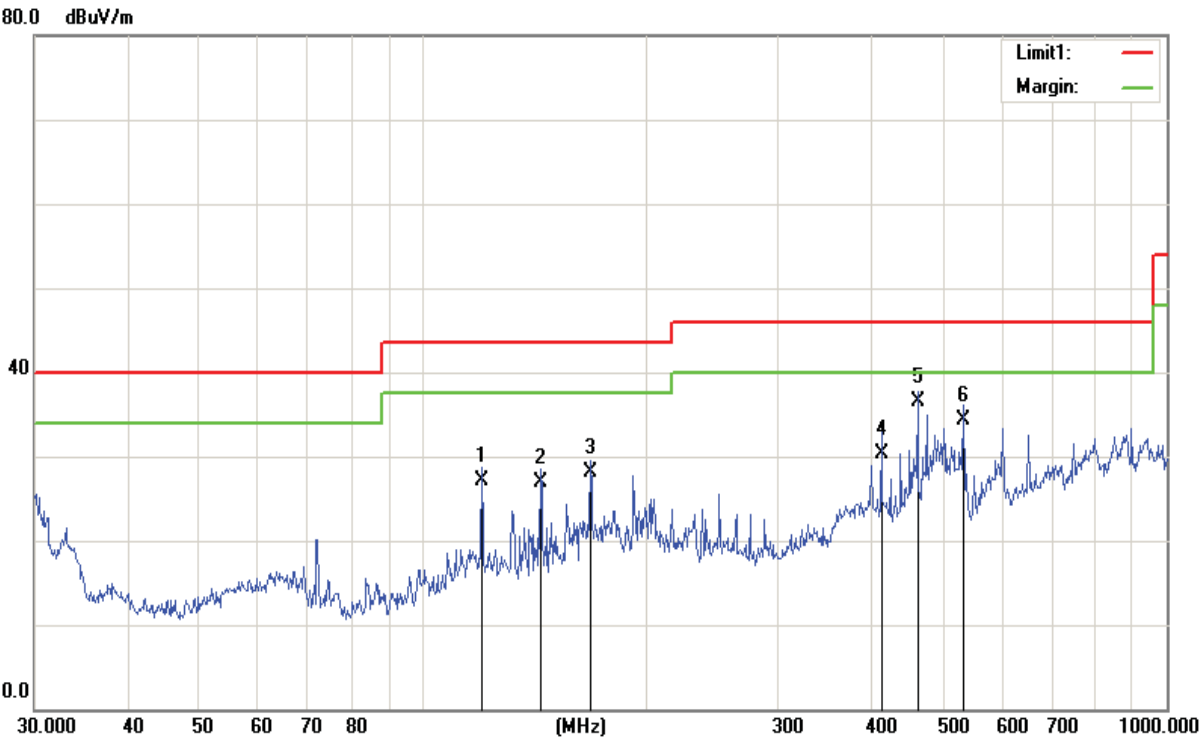
- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Sweep. Time = 0.3 sec./MHz.
- (2) All readings are Peak unless otherwise stated QP in column of 『Note 』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz.
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.
- (5) Measurement result=Reading + Correct.

|               |                            |                    |                             |
|---------------|----------------------------|--------------------|-----------------------------|
| EUT:          | IZZO Hybrid                | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature:  | 24℃                        | Relative Humidity: | 55%                         |
| Distance:     | 3m                         | Test Power:        | 3.7Vd.c                     |
| Polarization: | Horizontal                 | Test Result:       | Pass                        |
| Standard:     | (RE)FCC PART 15 class B 3m | Test By:           | Sandy                       |
| Test Mode:    | GPS                        |                    |                             |
| Note:         |                            |                    |                             |



| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|----------------------|-----------------|----------------|-------------|--------|
| 1   | 119.8556        | 45.74            | -13.70               | 32.04           | 43.50          | -11.46      | QP     |
| 2   | 143.8295        | 46.61            | -12.33               | 34.28           | 43.50          | -9.22       | QP     |
| 3   | 167.8243        | 44.95            | -11.26               | 33.69           | 43.50          | -9.81       | QP     |
| 4   | 413.2706        | 38.92            | -4.87                | 34.05           | 46.00          | -11.95      | QP     |
| 5   | 462.3455        | 39.01            | -2.28                | 36.73           | 46.00          | -9.27       | QP     |
| 6   | 513.6331        | 34.52            | -0.31                | 34.21           | 46.00          | -11.79      | QP     |

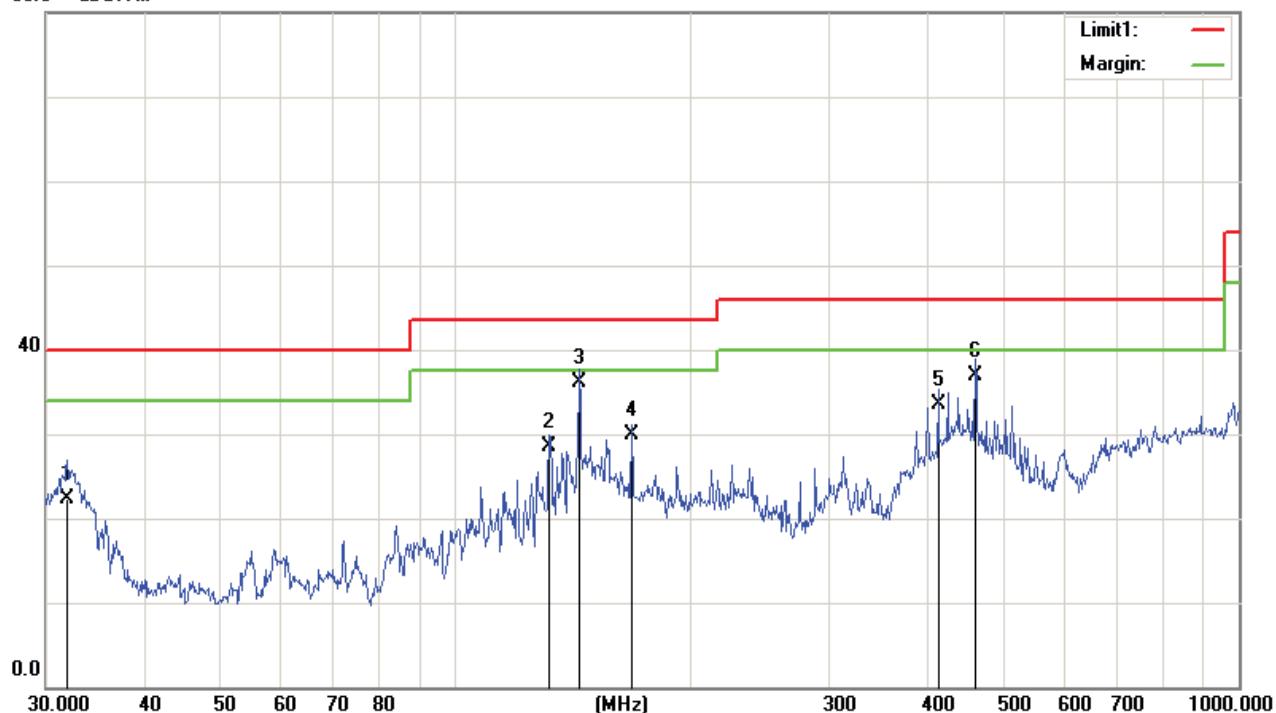
|               |                            |                    |                             |
|---------------|----------------------------|--------------------|-----------------------------|
| EUT:          | IZZO Hybrid                | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature:  | 24℃                        | Relative Humidity: | 55%                         |
| Distance:     | 3m                         | Test Power:        | 3.7Vd.c                     |
| Polarization: | Vertical                   | Test Result:       | Pass                        |
| Standard:     | (RE)FCC PART 15 class B 3m | Test By:           | Sandy                       |
| Test Mode:    | GPS                        |                    |                             |
| Note:         |                            |                    |                             |



| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|----------------------|-----------------|----------------|-------------|--------|
| 1   | 119.8556        | 38.65            | -11.64               | 27.01           | 43.50          | -16.49      | QP     |
| 2   | 143.8293        | 39.99            | -13.10               | 26.89           | 43.50          | -16.61      | QP     |
| 3   | 167.8243        | 36.30            | -8.26                | 28.04           | 43.50          | -15.46      | QP     |
| 4   | 413.2706        | 34.79            | -4.57                | 30.22           | 46.00          | -15.78      | QP     |
| 5   | 462.3455        | 39.18            | -2.69                | 36.49           | 46.00          | -9.51       | QP     |
| 6   | 533.8318        | 34.86            | -0.60                | 34.26           | 46.00          | -11.74      | QP     |

|               |                            |                    |                             |
|---------------|----------------------------|--------------------|-----------------------------|
| EUT:          | IZZO Hybrid                | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature:  | 24℃                        | Relative Humidity: | 55%                         |
| Distance:     | 3m                         | Test Power:        | 3.7Vd.c                     |
| Polarization: | Horizontal                 | Test Result:       | Pass                        |
| Standard:     | (RE)FCC PART 15 class B 3m | Test By:           | Sandy                       |
| Test Mode:    | Data transmission          |                    |                             |
| Note:         |                            |                    |                             |

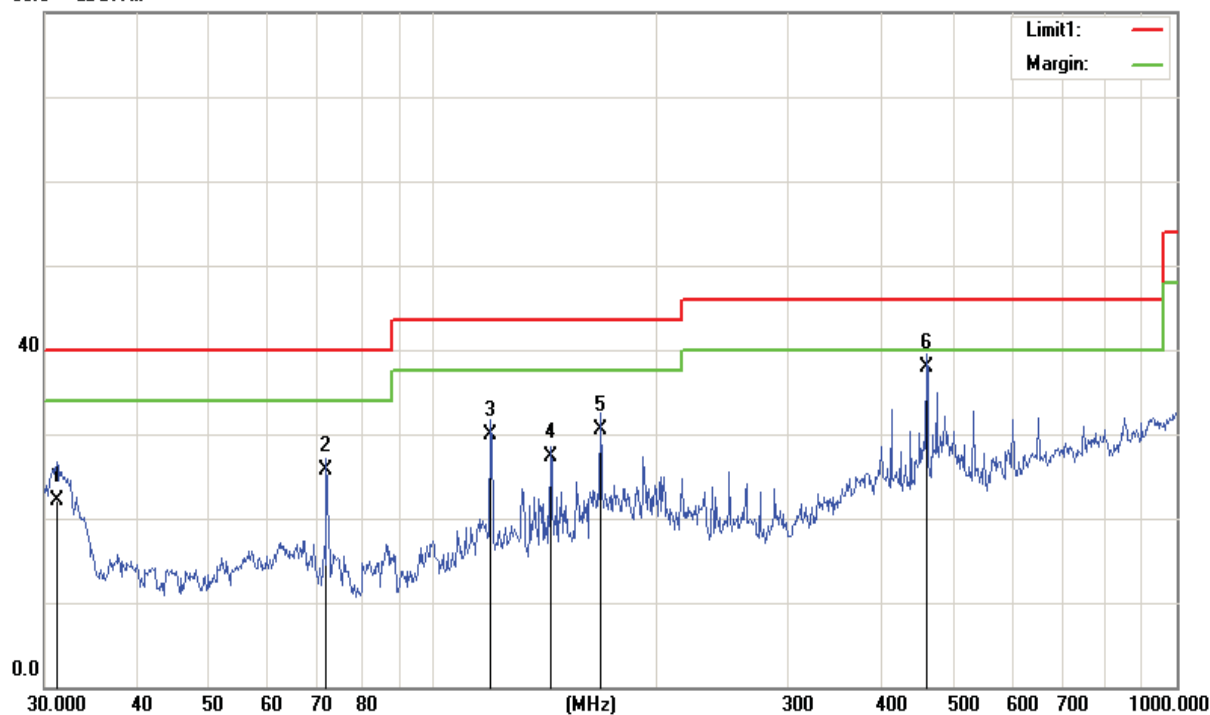
80.0 dBuV/m



| No. | Frequency<br>(MHz) | Reading<br>(dBuV/m) | Correct<br>Factor(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|---------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1   | 31.9542            | 31.48               | -9.15                   | 22.33              | 40.00             | -17.67         | QP     |
| 2   | 131.7572           | 40.98               | -12.51                  | 28.47              | 43.50             | -15.03         | QP     |
| 3   | 143.8291           | 48.35               | -12.33                  | 36.02              | 43.50             | -7.48          | QP     |
| 4   | 167.8240           | 41.13               | -11.26                  | 29.87              | 43.50             | -13.63         | QP     |
| 5   | 413.2706           | 38.28               | -4.87                   | 33.41              | 46.00             | -12.59         | QP     |
| 6   | 460.7271           | 39.47               | -2.65                   | 36.82              | 46.00             | -9.18          | QP     |

|               |                            |                    |                             |
|---------------|----------------------------|--------------------|-----------------------------|
| EUT:          | IZZO Hybrid                | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature:  | 24°C                       | Relative Humidity: | 55%                         |
| Distance:     | 3m                         | Test Power:        | 3.7Vd.c                     |
| Polarization: | Vertical                   | Test Result:       | Pass                        |
| Standard:     | (RE)FCC PART 15 class B 3m | Test By:           | Sandy                       |
| Test Mode:    | Data transmission          |                    |                             |
| Note:         |                            |                    |                             |

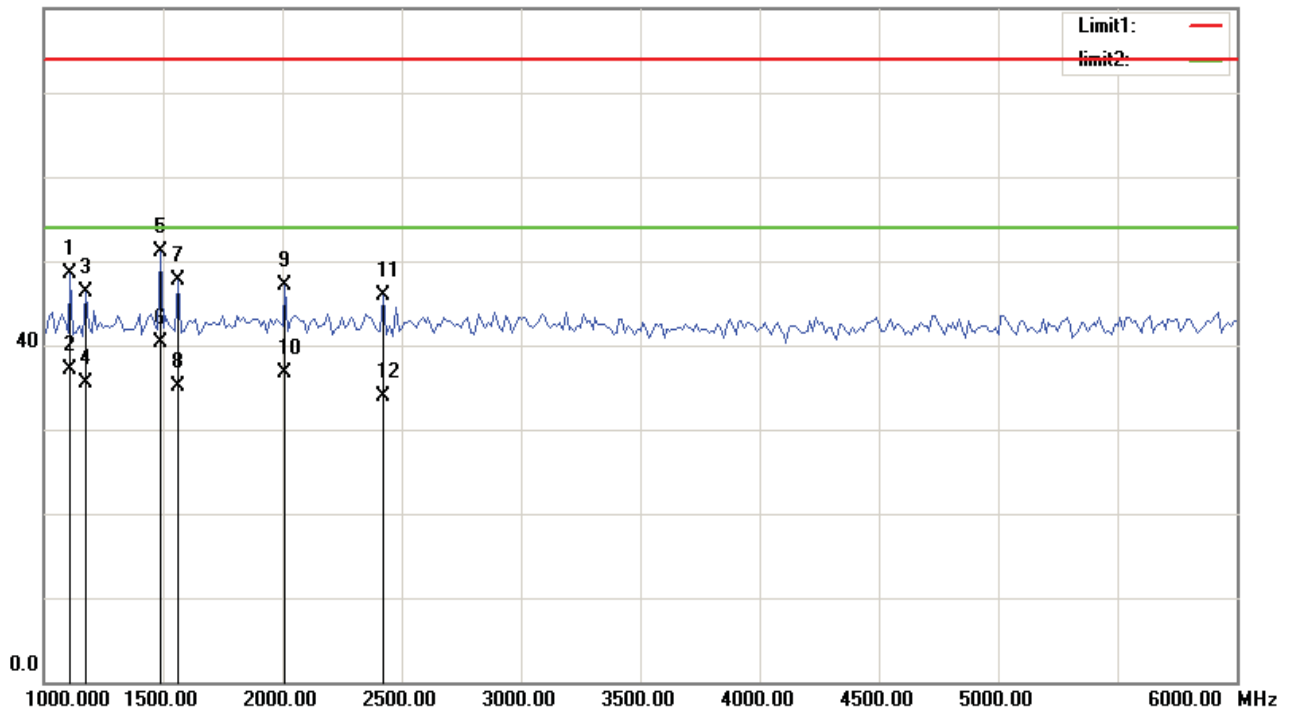
80.0 dBuV/m



| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 31.1798         | 31.55            | -9.42                 | 22.13           | 40.00          | -17.87      | QP     |
| 2   | 71.8319         | 39.06            | -13.37                | 25.69           | 40.00          | -14.31      | QP     |
| 3   | 119.4360        | 41.44            | -11.60                | 29.84           | 43.50          | -13.66      | QP     |
| 4   | 143.8291        | 40.42            | -13.10                | 27.32           | 43.50          | -16.18      | QP     |
| 5   | 167.8240        | 38.82            | -8.26                 | 30.56           | 43.50          | -12.94      | QP     |
| 6   | 460.7271        | 39.90            | -2.09                 | 37.81           | 46.00          | -8.19       | QP     |

|               |                                       |                    |                             |
|---------------|---------------------------------------|--------------------|-----------------------------|
| EUT:          | IZZ0 Hybrid                           | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature:  | 24°C                                  | Relative Humidity: | 55%                         |
| Distance:     | 3m                                    | Test Power:        | 3.7Vd.c                     |
| Polarization: | Vertical                              | Test Result:       | Pass                        |
| Standard:     | (RE)FCC PART 15 class B 3m<br>1-6G PK | Test By:           | Sandy                       |
| Test Mode:    | Data transmission                     |                    |                             |
| Note:         |                                       |                    |                             |

80.0 dBuV/m

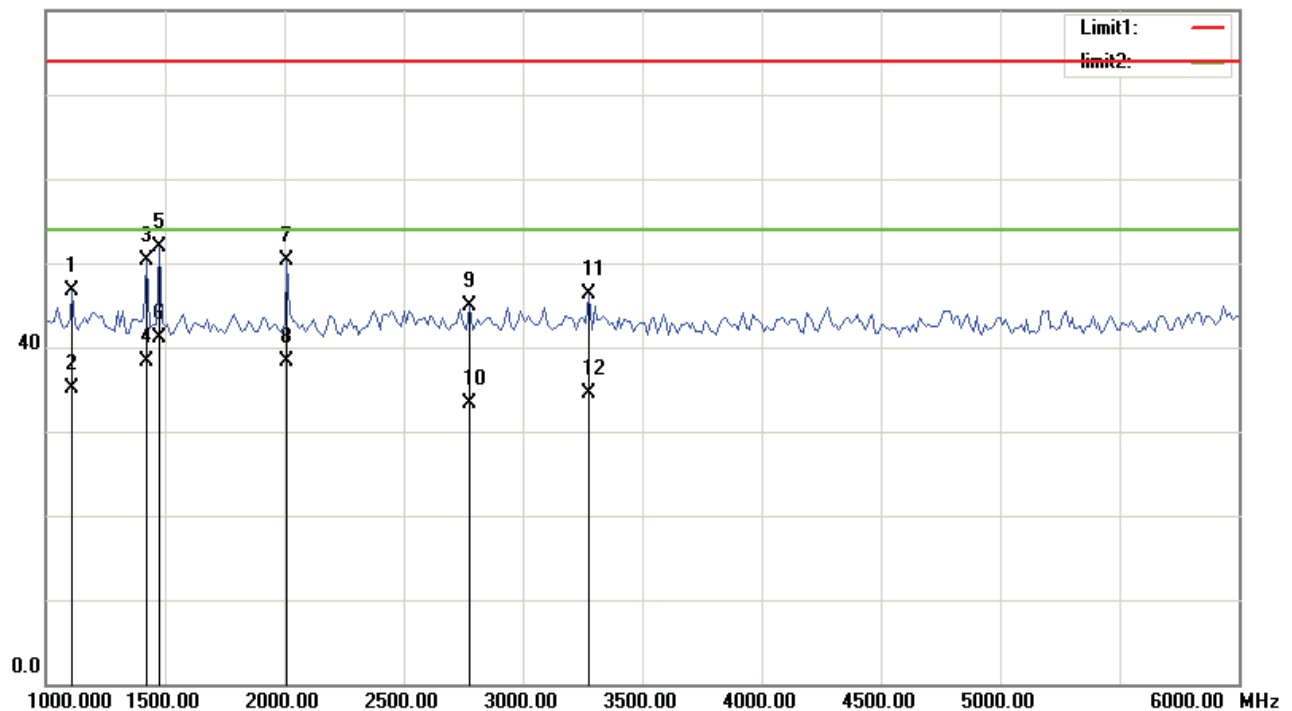


| No. | Frequency<br>(MHz) | Reading<br>(dBuV/m) | Correct<br>Factor(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|---------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1   | 1112.500           | 52.90               | -4.46                   | 48.44              | 74.00             | -25.56         | peak   |
| 2   | 1112.500           | 41.48               | -4.46                   | 37.02              | 54.00             | -16.98         | AVG    |
| 3   | 1175.000           | 50.63               | -4.25                   | 46.38              | 74.00             | -27.62         | peak   |
| 4   | 1175.000           | 39.72               | -4.25                   | 35.47              | 54.00             | -18.53         | AVG    |
| 5   | 1487.500           | 54.82               | -3.71                   | 51.11              | 74.00             | -22.89         | peak   |
| 6   | 1487.500           | 43.92               | -3.71                   | 40.21              | 54.00             | -13.79         | AVG    |
| 7   | 1562.500           | 51.44               | -3.81                   | 47.63              | 74.00             | -26.37         | peak   |
| 8   | 1562.500           | 38.97               | -3.81                   | 35.16              | 54.00             | -18.84         | AVG    |
| 9   | 2012.500           | 49.33               | -2.31                   | 47.02              | 74.00             | -26.98         | peak   |
| 10  | 2012.500           | 39.09               | -2.31                   | 36.78              | 54.00             | -17.22         | AVG    |
| 11  | 2425.000           | 46.42               | -0.58                   | 45.84              | 74.00             | -28.16         | peak   |
| 12  | 2425.000           | 34.47               | -0.58                   | 33.89              | 54.00             | -20.11         | AVG    |

Remark:RBW 1MHz VBW 3MHz peak detector is for pk ,RBW 1MHz VBW 10Hz peak detector is for AV

|               |                                       |                    |                             |
|---------------|---------------------------------------|--------------------|-----------------------------|
| EUT:          | IZZO Hybrid                           | Model No.:         | Callaway Hybrid Rangefinder |
| Temperature:  | 24°C                                  | Relative Humidity: | 55%                         |
| Distance:     | 3m                                    | Test Power:        | 3.7Vd.c                     |
| Polarization: | Horizontal                            | Test Result:       | Pass                        |
| Standard:     | (RE)FCC PART 15 class B 3m<br>1-6G PK | Test By:           | Sandy                       |
| Test Mode:    | Data transmission                     |                    |                             |
| Note:         |                                       |                    |                             |

80.0 dBuV/m



| No. | Frequency<br>(MHz) | Reading<br>(dBuV/m) | Correct<br>Factor(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|---------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1   | 1112.500           | 51.24               | -4.46                   | 46.78              | 74.00             | -27.22         | peak   |
| 2   | 1112.500           | 39.51               | -4.46                   | 35.05              | 54.00             | -18.95         | AVG    |
| 3   | 1425.000           | 53.88               | -3.64                   | 50.24              | 74.00             | -23.76         | peak   |
| 4   | 1425.000           | 41.88               | -3.64                   | 38.24              | 54.00             | -15.76         | AVG    |
| 5   | 1475.000           | 55.59               | -3.70                   | 51.89              | 74.00             | -22.11         | peak   |
| 6   | 1475.000           | 44.87               | -3.70                   | 41.17              | 54.00             | -12.83         | AVG    |
| 7   | 2012.500           | 52.71               | -2.31                   | 50.40              | 74.00             | -23.60         | peak   |
| 8   | 2012.500           | 40.60               | -2.31                   | 38.29              | 54.00             | -15.71         | AVG    |
| 9   | 2775.000           | 44.04               | 0.87                    | 44.91              | 74.00             | -29.09         | peak   |
| 10  | 2775.000           | 32.41               | 0.87                    | 33.28              | 54.00             | -20.72         | AVG    |
| 11  | 3275.000           | 44.10               | 2.23                    | 46.33              | 74.00             | -27.67         | peak   |
| 12  | 3275.000           | 32.33               | 2.23                    | 34.56              | 54.00             | -19.44         | AVG    |

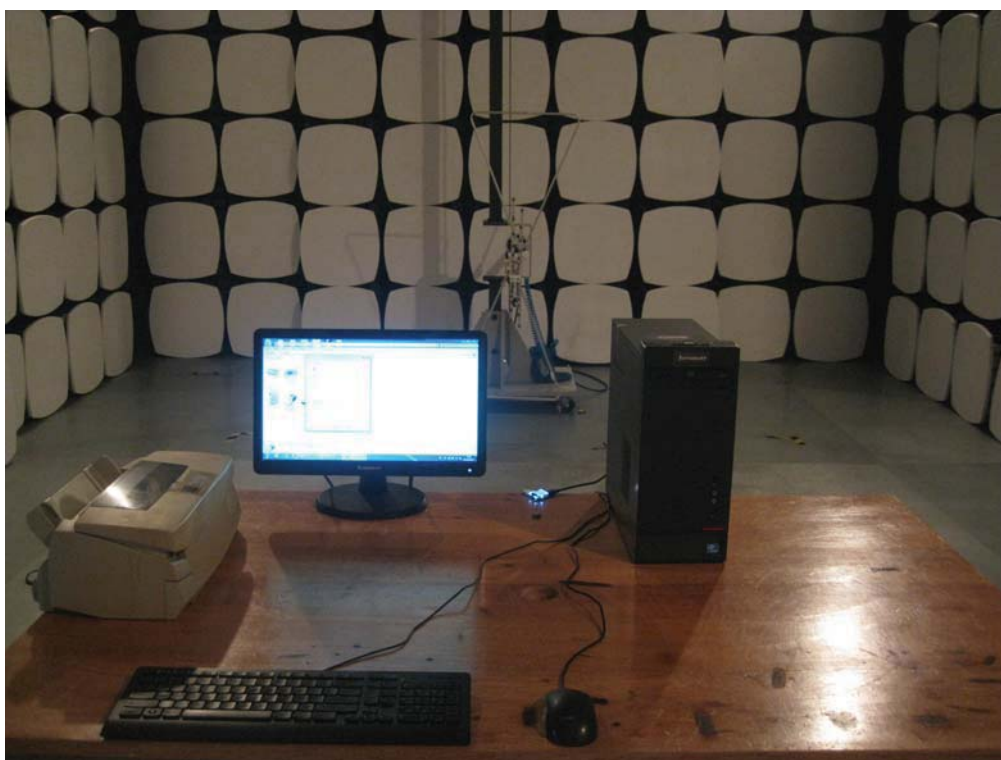
Remark:RBW 1MHz VBW 3MHz peak detector is for pk ,RBW 1MHz VBW 10Hz peak detector is for AV

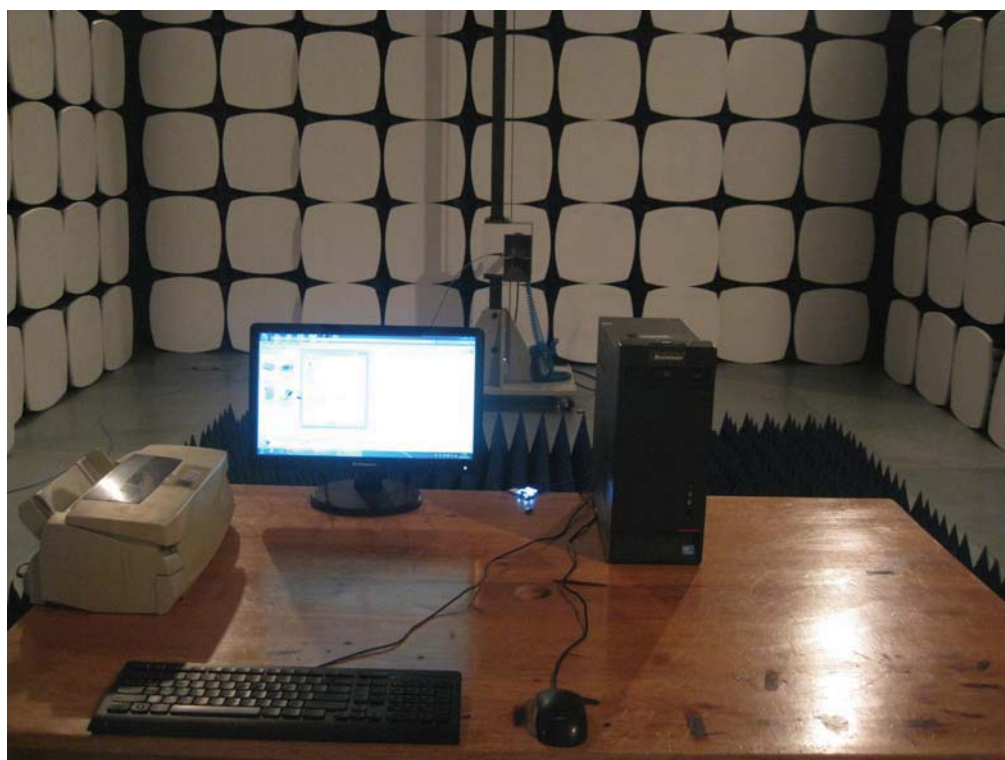
#### 4. EUT TEST PHOTO

Conducted Measurement Photos

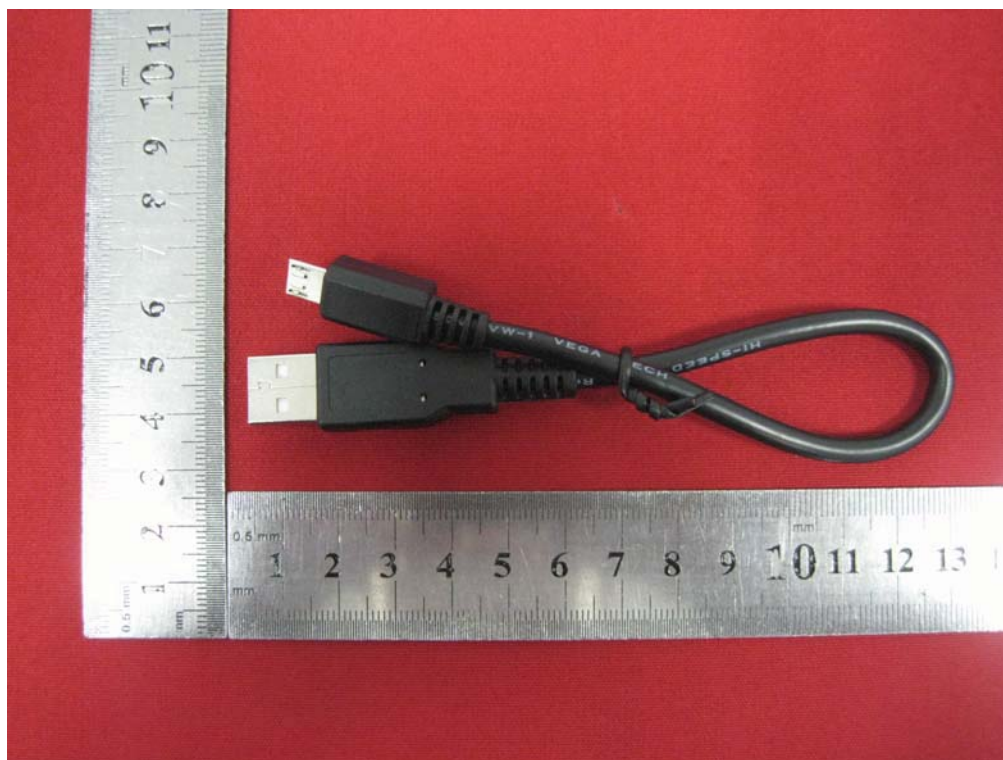
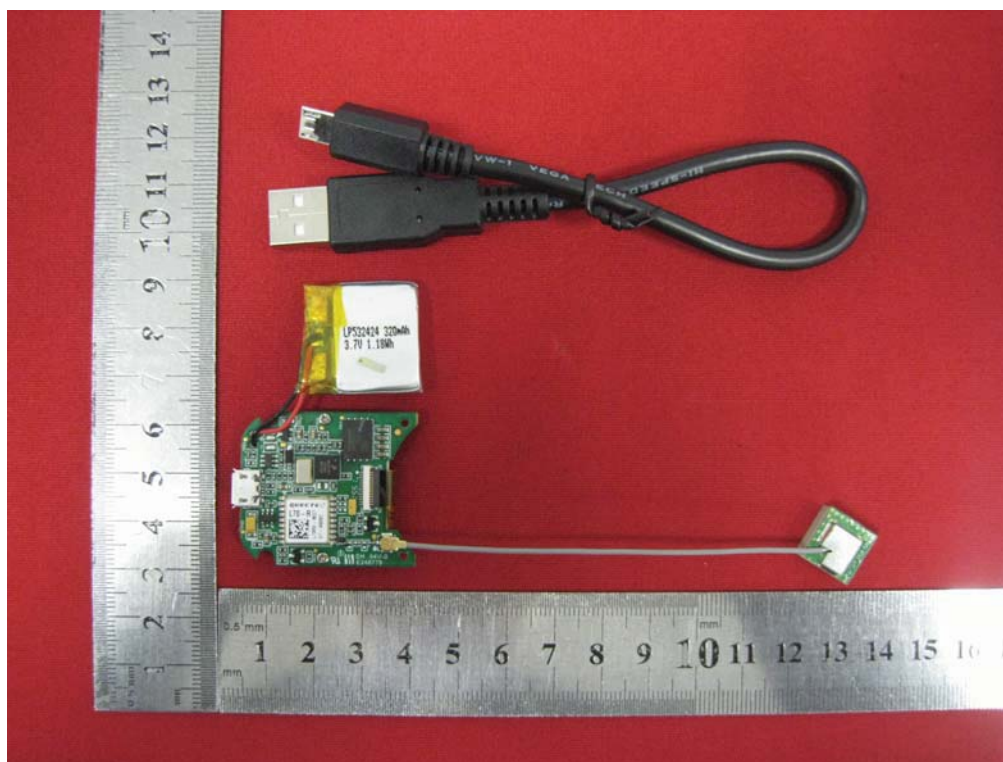


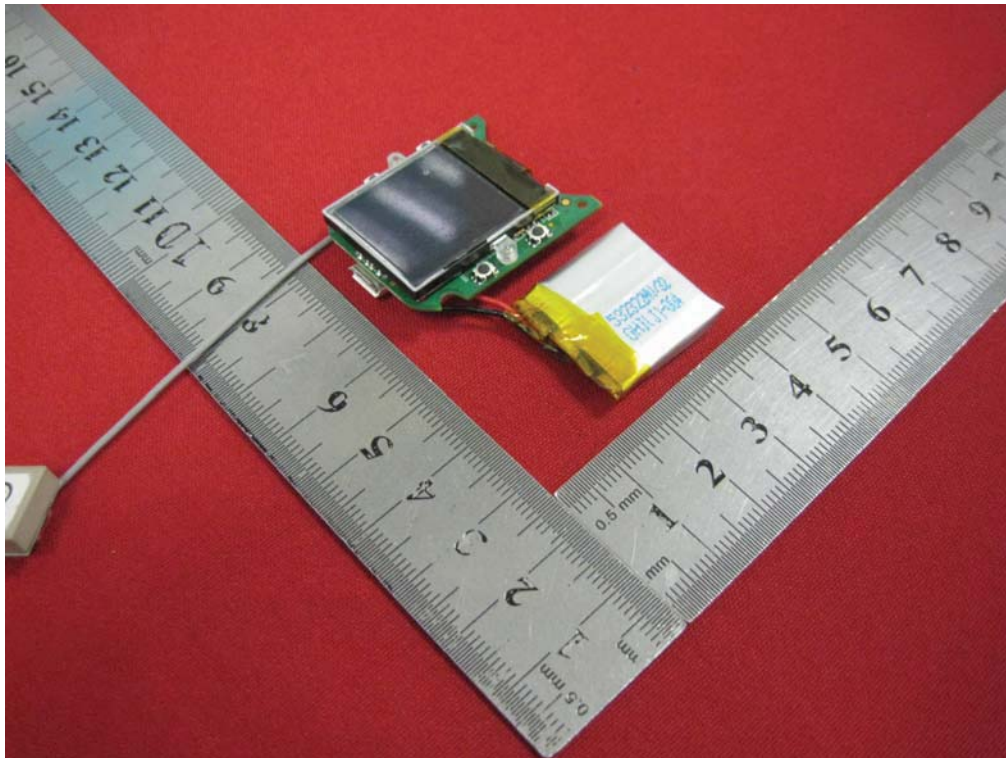
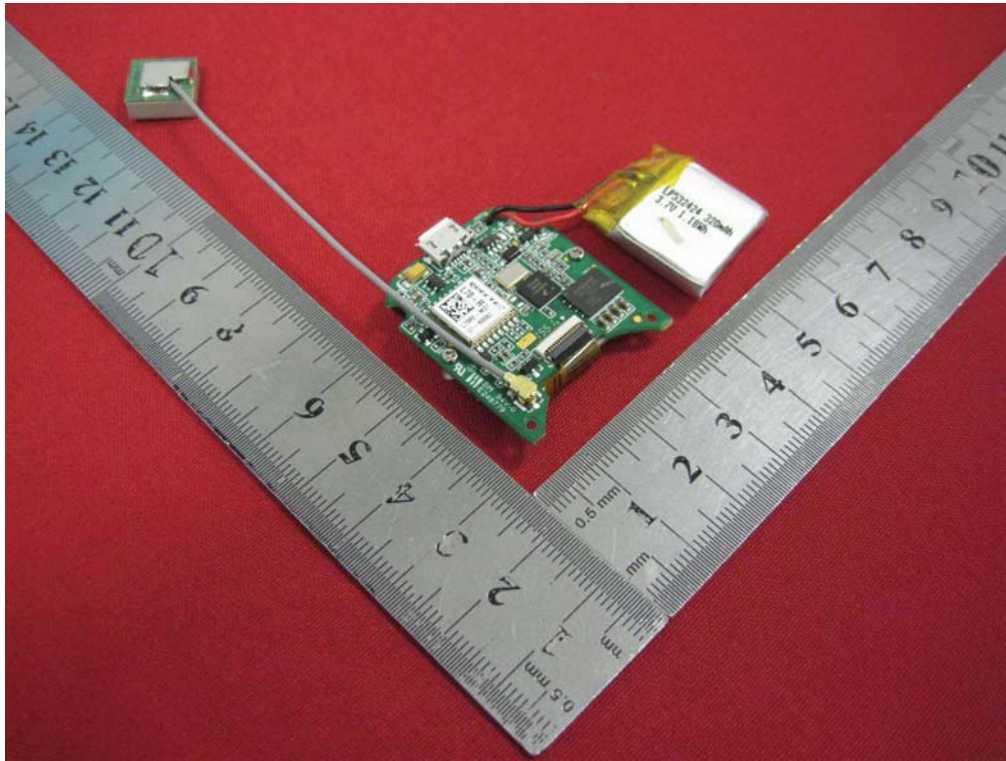
Radiated Measurement Photos

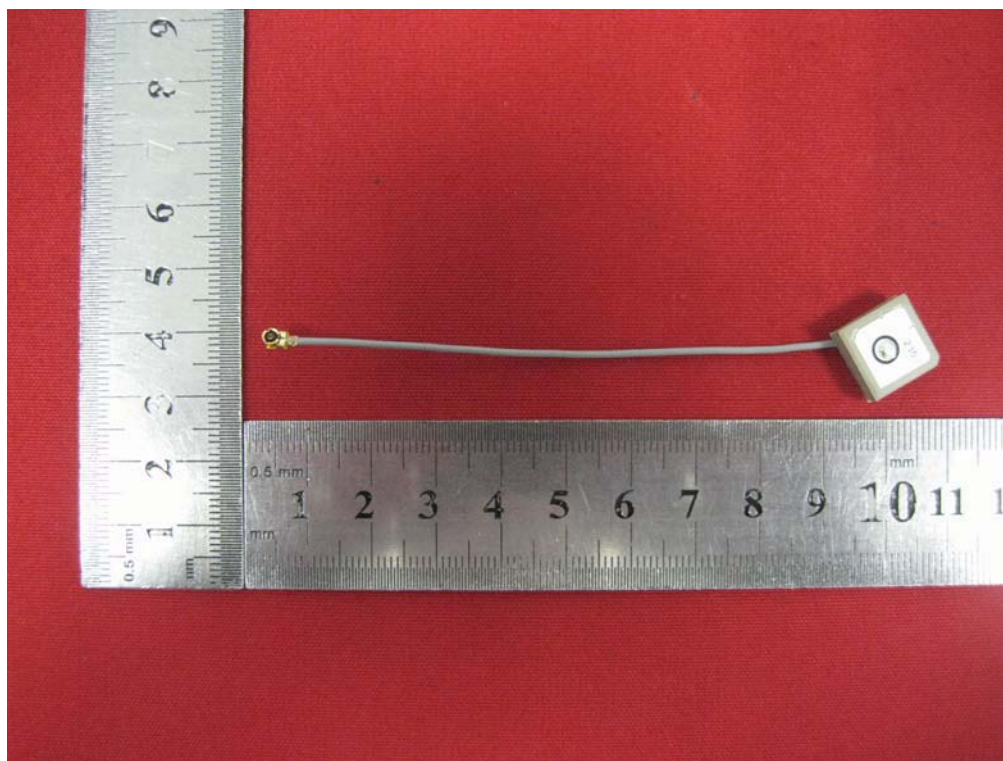
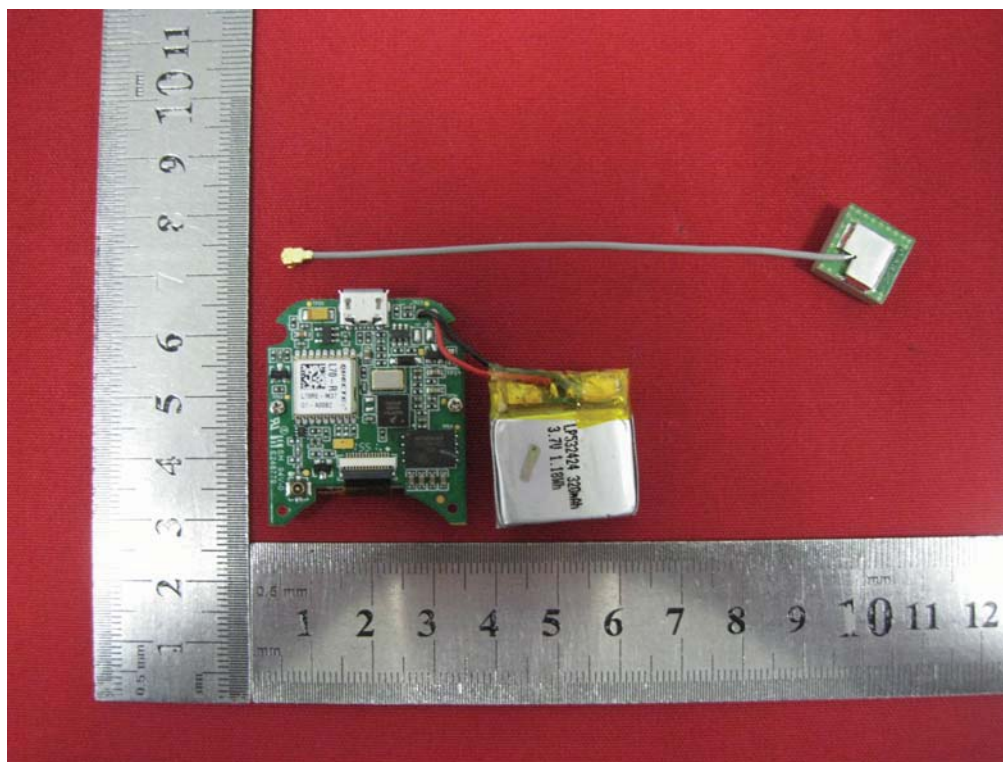


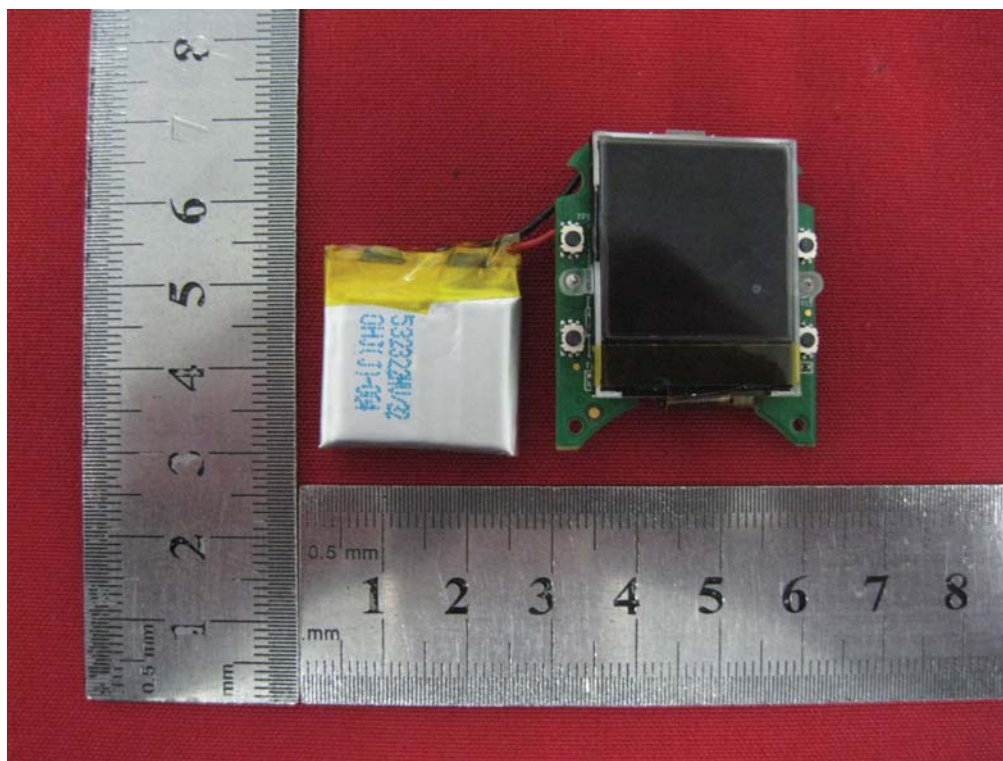
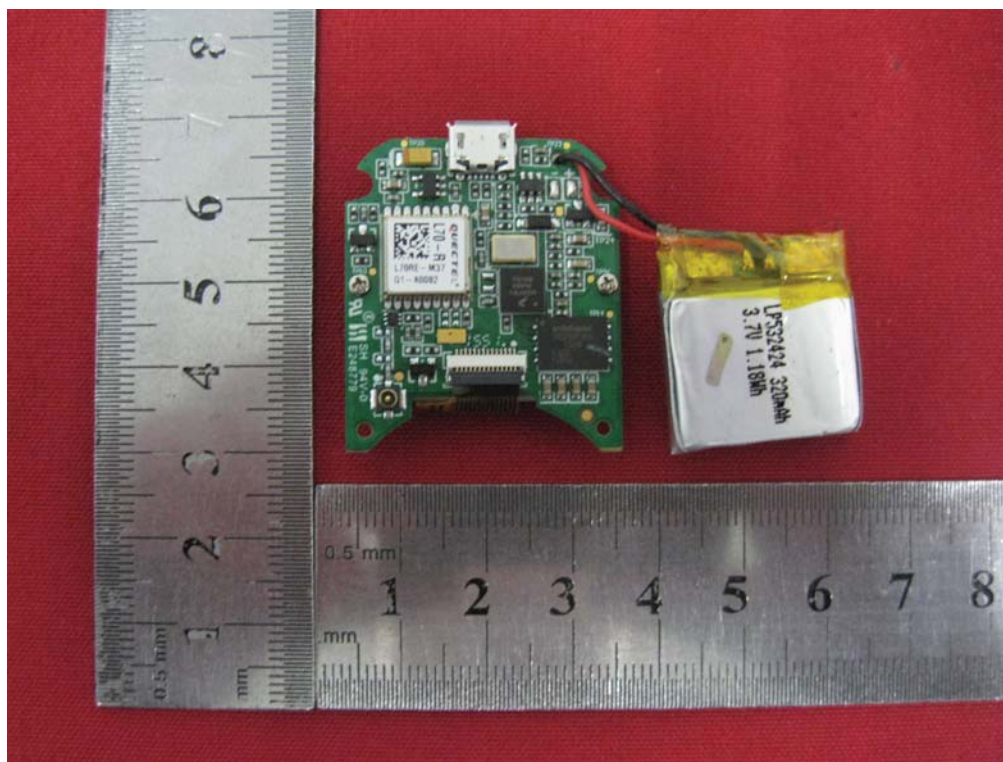


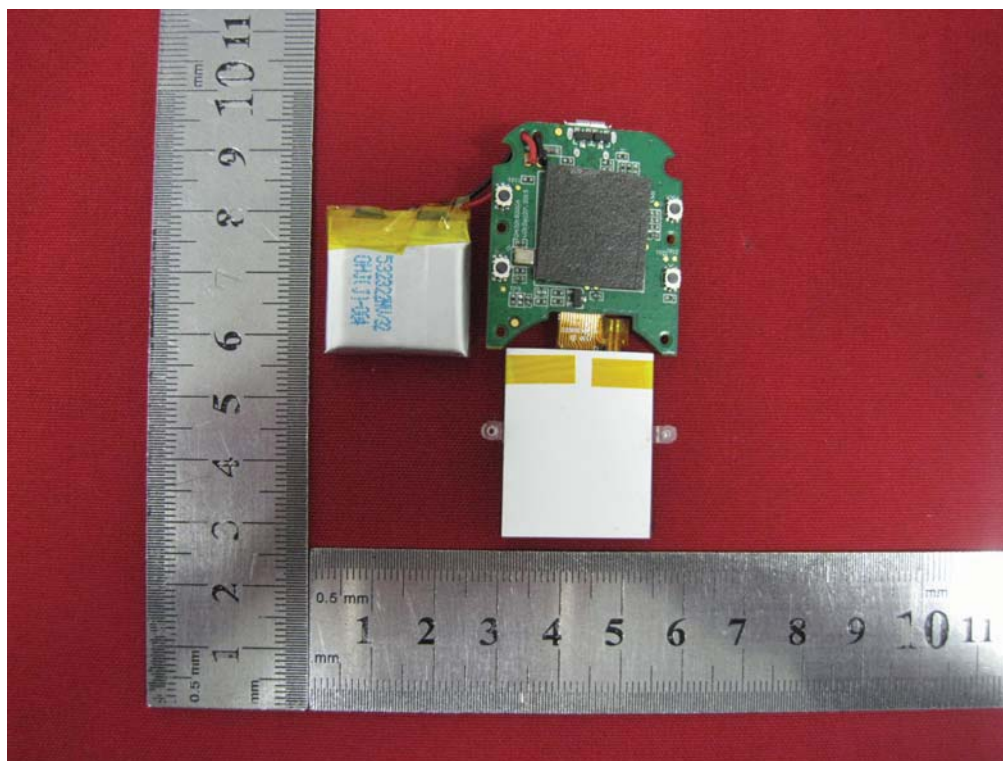
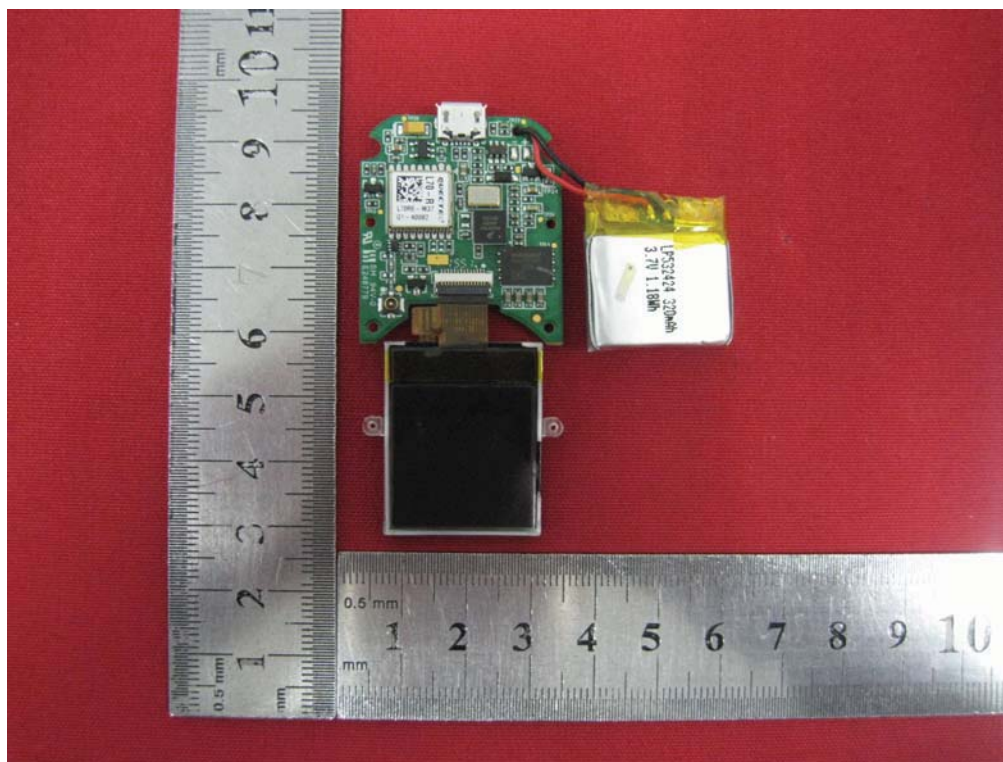
## 5. EUT PHOTO

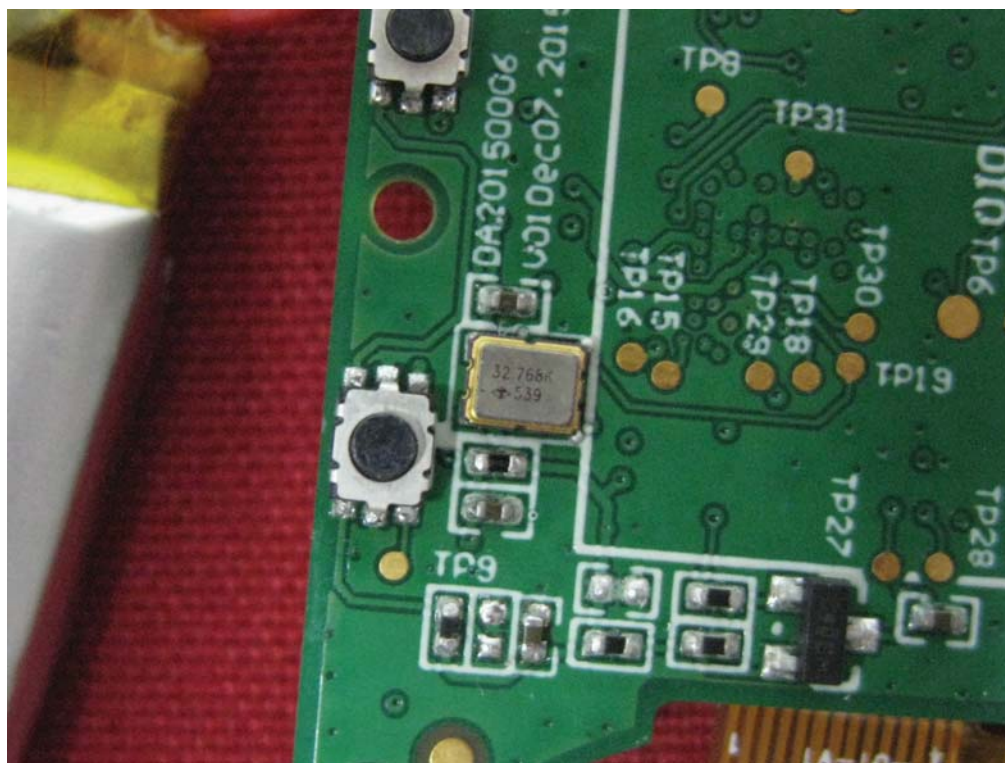
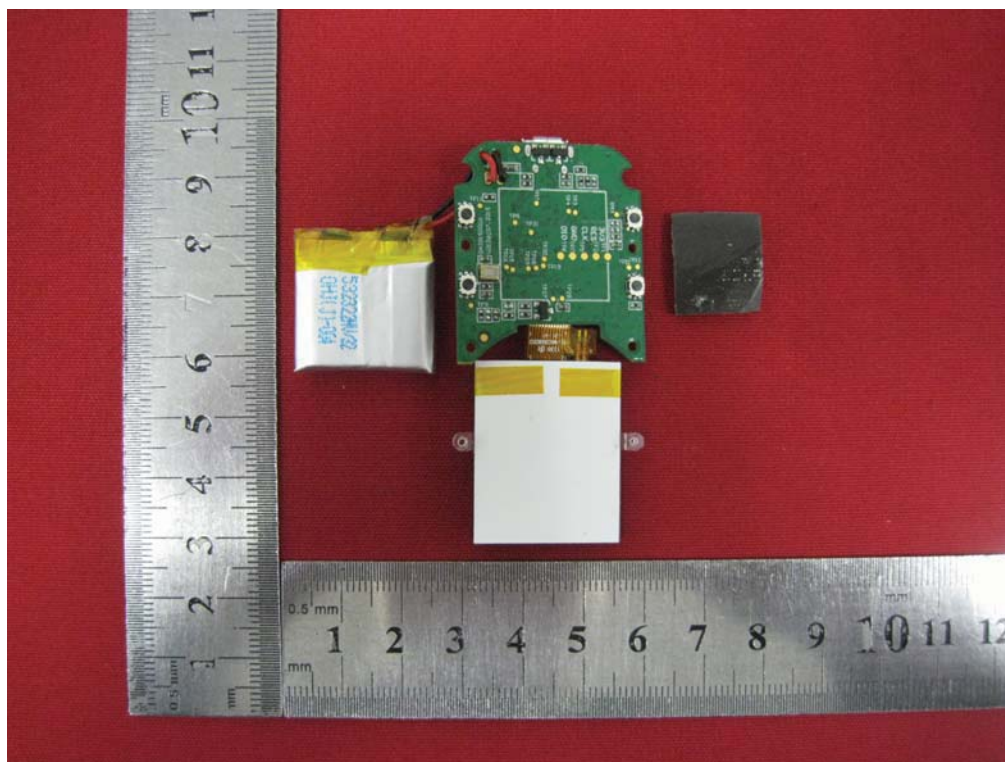


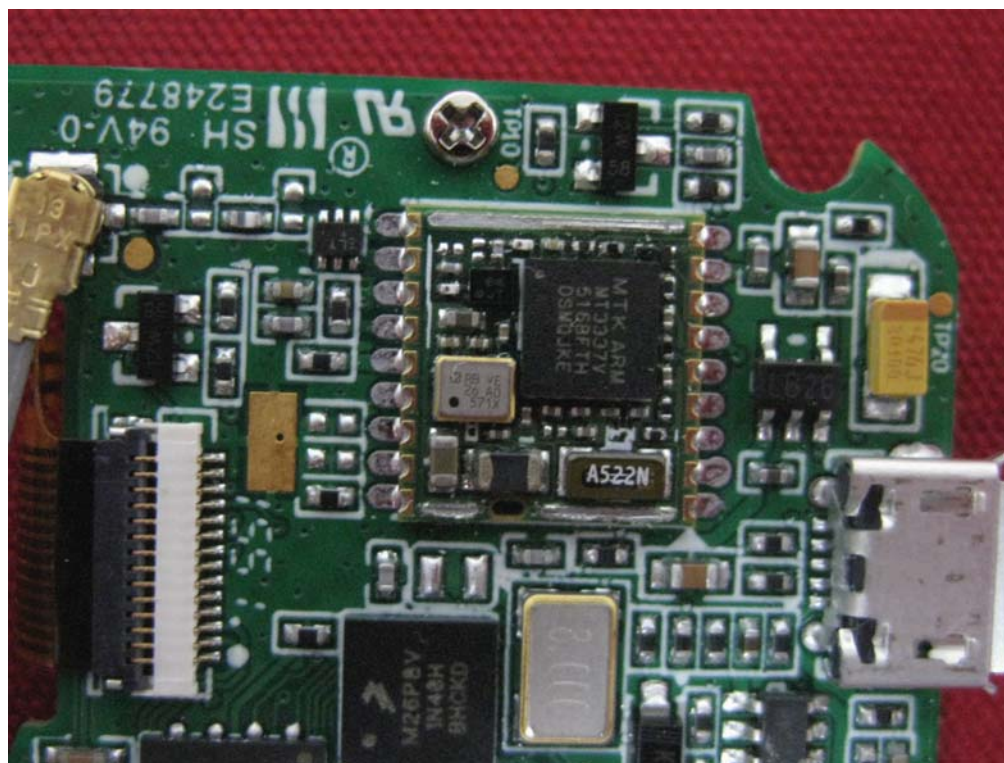
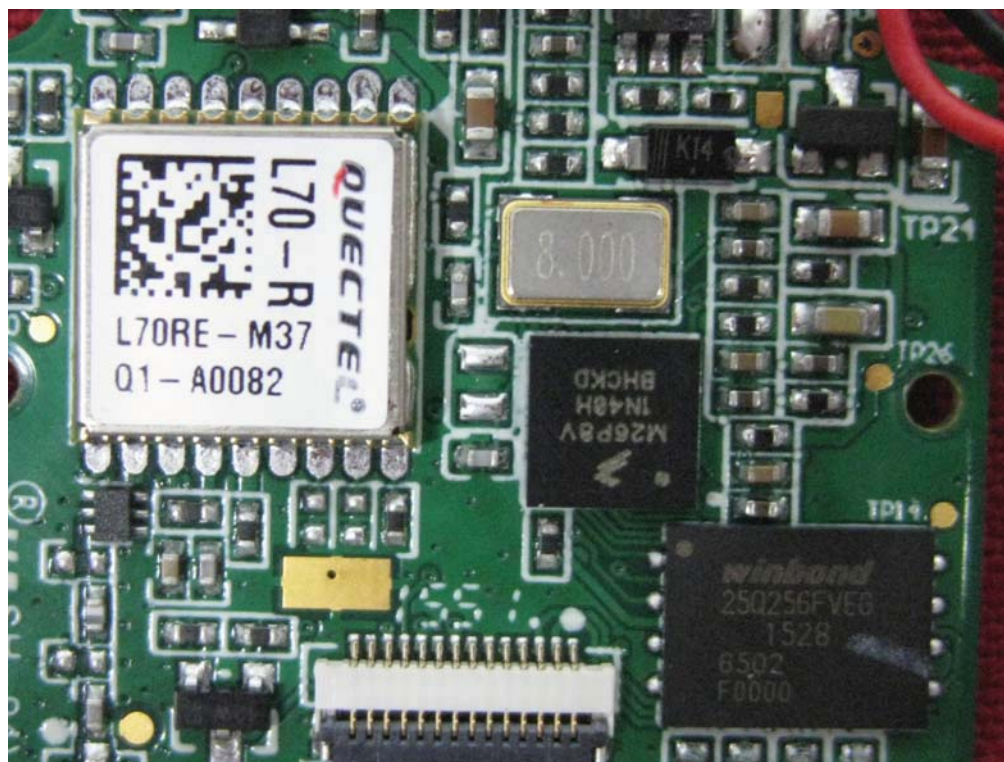


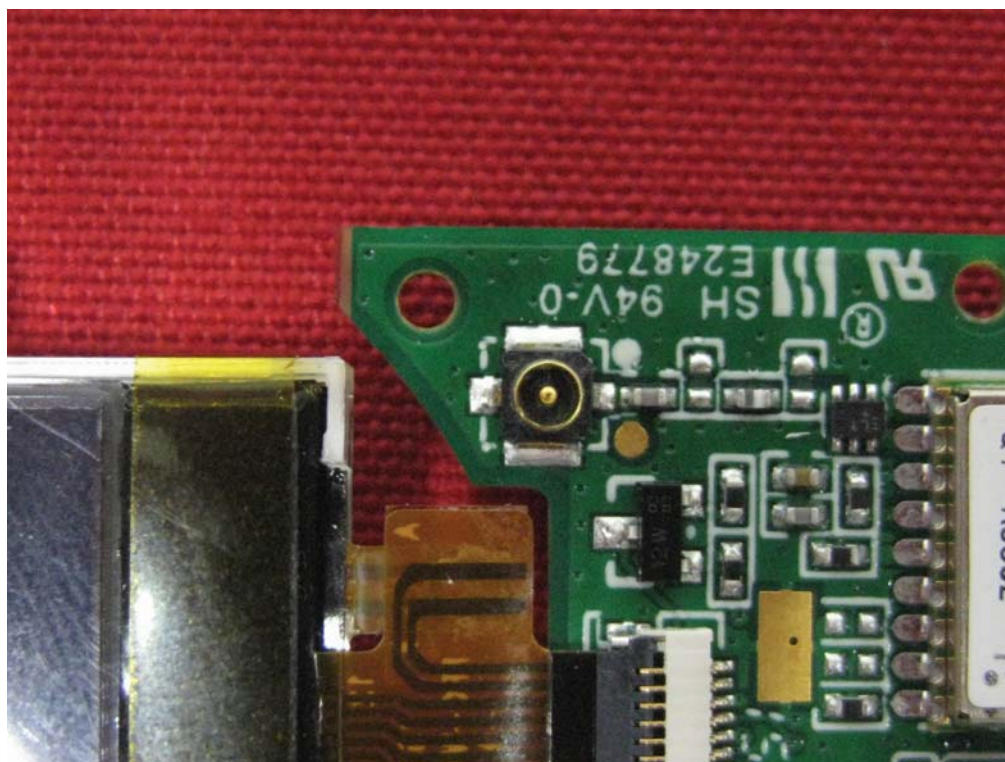












**END OF REPORT**