

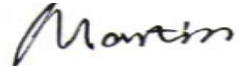
## FCC TEST REPORT

### 47 CFR FCC Part 15 Subpart B

**Report Reference No.....: MWR1403002703**

**FCC ID.....: 2ABOSSKYMINI**

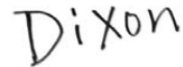
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Approved by  
( position+printed name+signature)..: Manager Dixon Hao



Date of issue.....: Mar 23, 2014

**Representative Laboratory Name ..: Maxwell International Co., Ltd.**

Address .....: Room 509, Hongfa center building, Baoan District, Shenzhen, Guangdong, China

**Testing Laboratory Name .....: DTT Services Co.,Ltd**

Address .....: 1F,2 Block, Jiaquan Building, Guanlan High-tech Park, Bao'an District, Shenzhen, Guangdong, China. 518110

**Applicant's name.....: SKY PHONE LLC**

Address .....: 1348 Washington Av. Suite 350

**Test specification .....**

Standard .....: **47 CFR FCC Part 15 Subpart B - Unintentional Radiators**

**ANSI C63.4: 2009**


TRF Originator.....: DTT Services Co.,Ltd

Master TRF.....: Dated 2011-05

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**Test item description .....** SKY Mini

Trade Mark .....: 

Model/Type reference.....: MX012

Listed Models .....: MC012xy(x:0-9,y:A-Z), PRO0120xy(x:0-9,y:A-Z), F108

**Manufacturer.....: SKY PHONE LLC**

Rating .....: DC 3.70V

Hardware version .....: V1.01

Software version .....: V1.01

Result.....: **PASS**

**TEST REPORT**

|                          |                      |               |
|--------------------------|----------------------|---------------|
| <b>Test Report No. :</b> | <b>MWR1403002703</b> | Mar 23, 2014  |
|                          |                      | Date of issue |

Equipment under Test : SKY Mini

Model /Type : MX012

Listed Models : MC012xy(x:0-9,y:A-Z), PRO0120xy(x:0-9,y:A-Z), F108

**Applicant** : **SKY PHONE LLC**

Address : 1348 Washington Av. Suite 350

**Manufacturer** : **SKY PHONE LLC**

Address : 1348 Washington Av. Suite 350

|                     |             |
|---------------------|-------------|
| <b>Test Result:</b> | <b>PASS</b> |
|---------------------|-------------|

The test report merely corresponds to the test sample.  
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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## 1. TEST STANDARDS

The tests were performed according to following standards:

[47 CFR FCC Part 15 Subpart B](#) - Unintentional Radiators

[ANSI C63.4: 2009](#) – American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40GHz

## 2. SUMMARY

### 2.1. General Remarks

|                                |   |              |
|--------------------------------|---|--------------|
| Date of receipt of test sample | : | Mar 10, 2014 |
|                                |   |              |
| Testing commenced on           | : | Mar 10, 2014 |
|                                |   |              |
| Testing concluded on           | : | Mar 23, 2014 |

### 2.2. Product Description

The **SKY PHONE LLC**'s Model: MX012 or the "EUT" as referred to in this report; more general information as follows, for more details, refer to the user's manual of the EUT.

|                              |   |
|------------------------------|---|
| Name of EUT                  | SKY Mini  |
| Model Number                 | MX012, MC012xy(x:0-9,y:A-Z), PRO0120xy(x:0-9,y:A-Z), F108 |
| FCC ID                       | 2ABOSSKYMINI  |
| Modulation Type              | GMSK for GSM  |
| Antenna Type                 | External  |
| GSM/EDGE/GPRS                | Not Supported GPRS/EDGE                                   |
| Extreme temp. Tolerance      | -30°C to +50°C  |
| Extreme vol. Limits          | 3.40VDC to 4.20VDC (nominal: 3.70VDC)                     |
| GSM Operation Frequency Band | GSM 850MHz/ PCS 1900MHz                                   |
| GSM Release Version          | R99   |
| GPRS operation mode          | Not Supported   |
| GPRS Multislot Class         | Not Supported   |
| EGPRS Multislot Class        | Not Supported   |

### 2.3. Equipment Under Test

#### Power supply system utilised

|                      |   |   |                                   |
|----------------------|---|---|-----------------------------------|
| Power supply voltage | : | <input type="radio"/> 120V / 60 Hz                                | <input type="radio"/> 115V / 60Hz |
|                      |   | <input type="radio"/> 12 V DC                                     | <input type="radio"/> 24 V DC     |
|                      |   | <input checked="" type="radio"/> Other (specified in blank below) |                                   |

DC 3.70V

### 2.4. Short description of the Equipment under Test (EUT)

2.4GHz (SKY Mini (M/N: MX012))

For more details, refer to the user's manual of the EUT.

### 2.5. EUT operation mode

The EUT has been tested under typical operating condition.

### 2.6. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: **2ABOSSKYMINI** filing to comply with the FCC Part 15, Subpart B Rules.

### 2.7. Internal Identification of AE used during the test

| AE ID* | Description |
|--------|-------------|
| AE1    | Battery     |
| AE2    | Charger     |

AE1

Model: MX012  
 Manufacturer: SKY PHONE LLC  
 Capacitance: 400mAh  
 Nominal Voltage: 3.70V

AE2:

Model: MX012  
 Manufacturer: SKY PHONE LLC

\*AE ID: is used to identify the test sample in the lab internally.  
 We not used AE2 when for FCC Part 15B test.

### 2.8. Modifications

No modifications were implemented to meet testing criteria.

### 2.9. EUT configuration

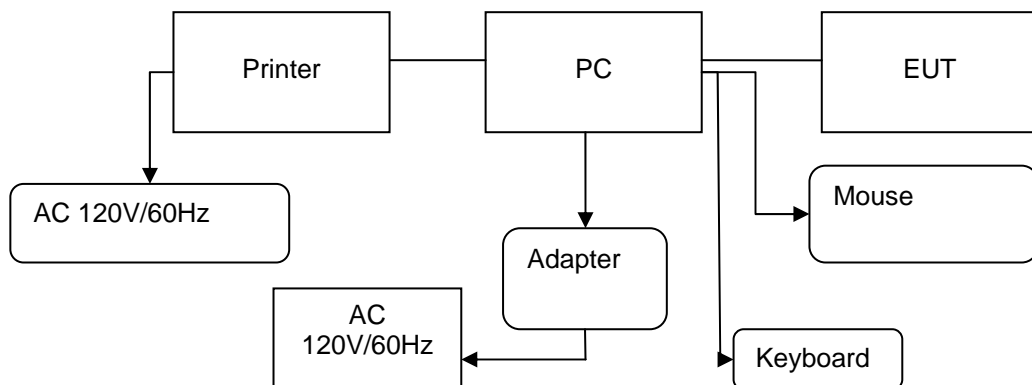
The following peripheral devices and interface cables were connected during the measurement:

- - supplied by the manufacturer
- - supplied by the lab

|   |             |                |   |
|---|-------------|----------------|---|
| ○ | Power Cable | Length (m) :   | / |
|   |             | Shield :       | / |
|   |             | Detachable :   | / |
| ○ | Multimeter  | Manufacturer : | / |
|   |             | Model No. :    | / |

### 2.10. Configuration of Tested System

Configuration of Tested System



Equipment Used in Tested System

| No. | Equipment | Manufacturer | Model No.   | Serial No.    | Length | shielded/unshielded | Notes |
|-----|-----------|--------------|-------------|---------------|--------|---------------------|-------|
| 1   | PC        | Acer         | E1-571G     | 1RNN42X       | /      | /                   | DOC   |
| 2   | Printer   | HP           | C3990       | C3990A        | /      | /                   | DOC   |
| 3   | Mouse     | DELL         | MO56UO<br>A | G0E02SY7      | 1.00m  | unshielded          | DOC   |
| 4   | Keyboard  | DELL         | L100        | CNRH656658907 | /      | /                   | DOC   |

|   |                           |         |            | 26009L          |       |            |     |
|---|---------------------------|---------|------------|-----------------|-------|------------|-----|
| 5 | USB Cable (EUT to PC)     | Genshuo | USB 2.0    | N/A             | 0.60m | unshielded | N/A |
| 6 | USB Cable (Printer to PC) | Genshuo | USB 2.0    | N/A             | 1.20m | unshielded | N/A |
| 7 | Power line                | /       | /          | N/A             | 1.00m | unshielded | N/A |
| 8 | Adapter                   | HIPRO   | HP-A0904A3 | F1120709016S404 | 1.50m | unshielded | DOC |

## 2.11. NOTE

1. The EUT is a SKY Mini with Bluetooth function, The functions of the EUT listed as below:

|           | Test Standards          | Reference Report |
|-----------|-------------------------|------------------|
| GSM/GPRS  | FCC Part 22/FCC Part 24 | MWR1403002701    |
| Bluetooth | FCC Part 15 C 15.247    | MWR1403002702    |
| USB Port  | FCC Part 15 B           | MWR1403002703    |
| SAR       | FCC Part 2 §2.1093      | MWR1403002704    |

### 3. TEST ENVIRONMENT

#### 3.1. Address of the test laboratory

**DTT Services Co.,Ltd**  
 1F,2 Block, Jiaquan Building, Guanlan High-tech Park, Bao'an District, Shenzhen, Guangdong, China.  
 518110  
 The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 (2003) and CISPR Publication 22.

#### 3.2. Test Facility

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

##### IC Registration No.: 9783A

The 3m alternate test site of DTT Services Co.,Ltd EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration NO.: 9783A on Aug, 2011.

##### FCC-Registration No.: 214666

DTT Services Co.,Ltd EMC Laboratory has been registered 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 214666, Sep 19, 2011

#### 3.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

|                       |                     |
|-----------------------|---------------------|
| Temperature:          | <u>15-35 ° C</u>    |
| Humidity:             | <u>30-60 %</u>      |
| Atmospheric pressure: | <u>950-1050mbar</u> |

#### 3.4. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 „Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements“ and is documented in the DTT Services Co.,Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for DTT Services Co.,Ltd laboratory is reported:

| Test                  | Range      | Measurement Uncertainty | Notes |
|-----------------------|------------|-------------------------|-------|
| Radiated Emission     | 30~1000MHz | 4.24 dB                 | (1)   |
| Radiated Emission     | 1~18GHz    | 5.16 dB                 | (1)   |
| Radiated Emission     | 18-40GHz   | 5.54 dB                 | (1)   |
| Conducted Disturbance | 0.15~30MHz | 3.39 dB                 | (1)   |

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



### 3.5. Equipments Used during the Test

| Conducted Emission |                   |                 |           |            |            |
|--------------------|-------------------|-----------------|-----------|------------|------------|
| Item               | Test Equipment    | Manufacturer    | Model No. | Serial No. | Last Cal.  |
| 1                  | EMI TEST RECEIVER | Rohde & Schwarz | ESCI      | 100106     | 2013/10/26 |
| 2                  | ARTIFICIAL MAINS  | Rohde & Schwarz | ESH2-Z5   | 100028     | 2013/10/26 |
| 3                  | PULSE LIMITER     | Rohde & Schwarz | ESHSZ2    | 100044     | 2013/10/26 |
| 4                  | EMI TEST Software | Rohde & Schwarz | ES-K1     | N/A        | N/A        |

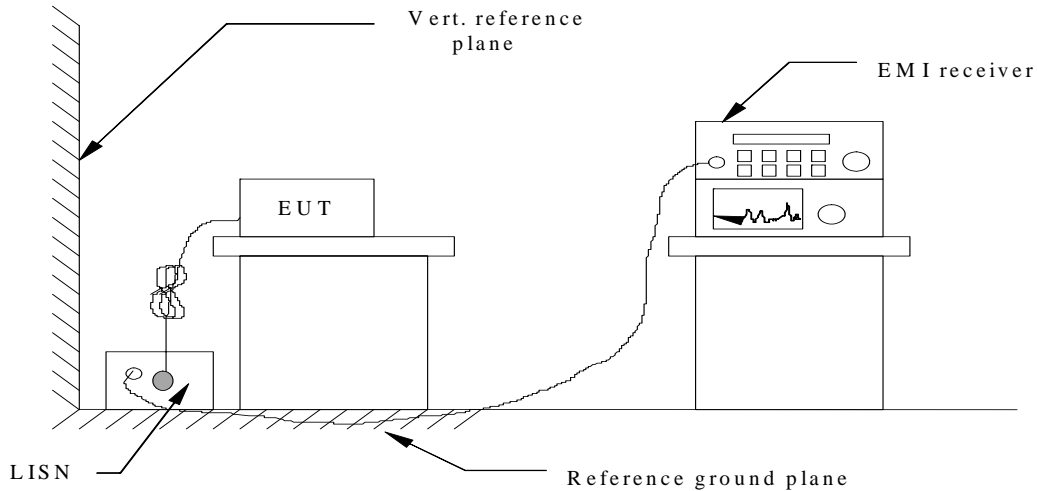
| Radiated Emission |                         |                 |           |            |            |
|-------------------|-------------------------|-----------------|-----------|------------|------------|
| Item              | Test Equipment          | Manufacturer    | Model No. | Serial No. | Last Cal.  |
| 1                 | Ultra-Broadband Antenna | ShwarzBeck      | VULB9163  | 538        | 2013/10/27 |
| 2                 | EMI TEST RECEIVER       | Rohde & Schwarz | ESI 26    | 100009     | 2013/10/25 |
| 3                 | EMI TEST Software       | Audix           | E3        | N/A        | N/A        |
| 4                 | TURNTABLE               | MATURO          | TT2.0     | ----       | N/A        |
| 5                 | ANTENNA MAST            | MATURO          | TAM-4.0-P | ----       | N/A        |
| 6                 | EMI TEST Software       | Rohde & Schwarz | ESK1      | N/A        | N/A        |
| 7                 | HORN ANTENNA            | ShwarzBeck      | 9120D     | 1012       | 2013/10/27 |
| 8                 | Preamplifier            | ShwarzBeck      | BBV 9718  | BBV 9718   | 2013/10/25 |
| 9                 | Broadband Preamplifier  | ShwarzBeck      | BBV743    | 9743-0079  | 2013/10/25 |

The calibration interval was one year.

## 4. TEST CONDITIONS AND RESULTS

### 4.1. Conducted Emissions Test

#### TEST CONFIGURATION



#### TEST PROCEDURE

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. 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 C63.4-2009.
2. Support equipment, if needed, was placed as per ANSI C63.4-2009.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4-2009.
4. The EUT received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5. All support equipments received AC power from a second LISN, if any.
6. 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.
7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
8. During the above scans, the emissions were maximized by cable manipulation.

#### CONDUCTED POWER LINE EMISSION LIMIT

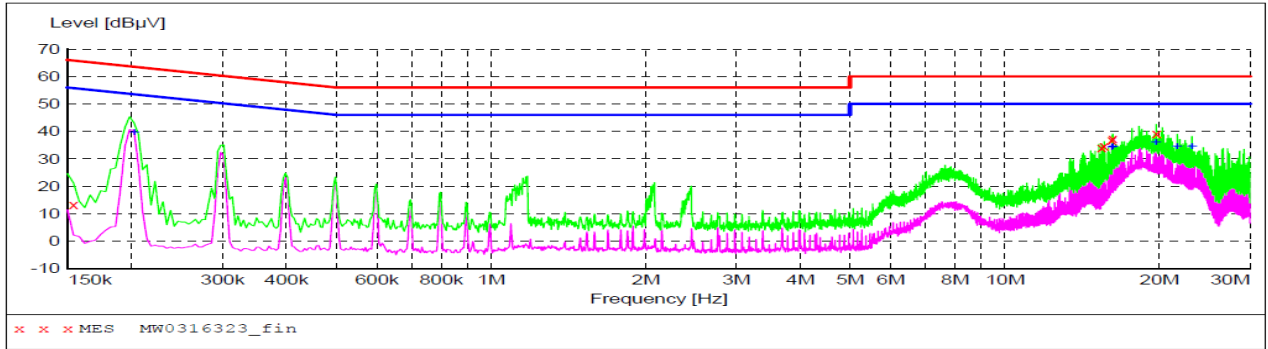
For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following :

| Frequency (MHz) | Maximum RF Line Voltage (dBµV) |      |         |        |
|-----------------|--------------------------------|------|---------|--------|
|                 | CLASS A                        |      | CLASS B |        |
|                 | Q.P.                           | Ave. | Q.P.    | Ave.   |
| 0.15 - 0.50     | 79                             | 66   | 66-56*  | 56-46* |
| 0.50 - 5.00     | 73                             | 60   | 56      | 46     |
| 5.00 - 30.0     | 73                             | 60   | 60      | 50     |

\* Decreasing linearly with the logarithm of the frequency

#### TEST RESULTS

**SCAN TABLE: "Voltage (150K-30M) FIN"**  
 Short Description: 150K-30M Voltage



**MEASUREMENT RESULT: "MW0316323\_fin"**

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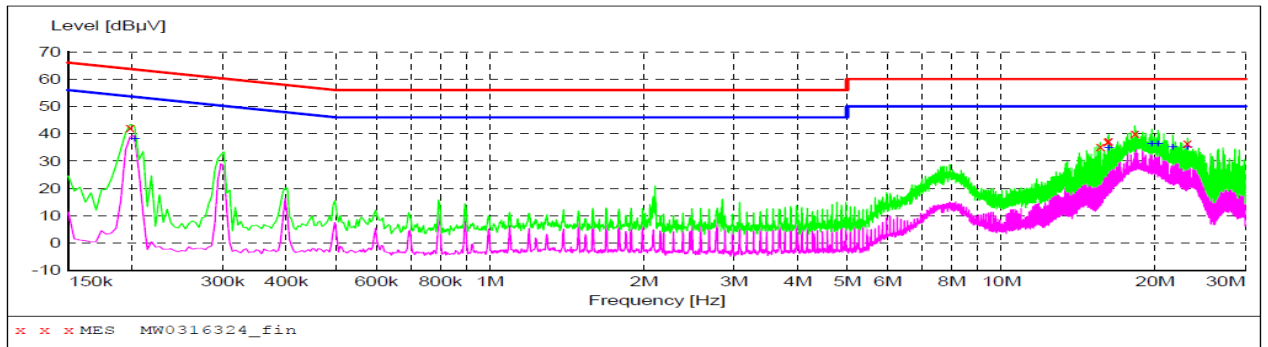
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE  |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.154000      | 13.40      | 10.3      | 66         | 52.4      | QP       | N    | GND |
| 15.434000     | 34.10      | 10.9      | 60         | 25.9      | QP       | N    | GND |
| 15.618000     | 34.80      | 10.9      | 60         | 25.2      | QP       | N    | GND |
| 16.166000     | 36.90      | 10.9      | 60         | 23.1      | QP       | N    | GND |
| 16.230000     | 37.30      | 10.9      | 60         | 22.7      | QP       | N    | GND |
| 19.710000     | 39.30      | 10.9      | 60         | 20.7      | QP       | N    | GND |

**MEASUREMENT RESULT: "MW0316323\_fin2"**

3/16/2014 5:32PM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE  |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.202000      | 39.40      | 10.3      | 54         | 14.1      | AV       | N    | GND |
| 16.166000     | 34.10      | 10.9      | 50         | 15.9      | AV       | N    | GND |
| 16.230000     | 34.50      | 10.9      | 50         | 15.5      | AV       | N    | GND |
| 19.710000     | 35.90      | 10.9      | 50         | 14.1      | AV       | N    | GND |
| 21.662000     | 34.50      | 11.0      | 50         | 15.5      | AV       | N    | GND |
| 23.130000     | 34.30      | 11.1      | 50         | 15.7      | AV       | N    | GND |

**SCAN TABLE: "Voltage (150K-30M) FIN"**  
 Short Description: 150K-30M Voltage



**MEASUREMENT RESULT: "MW0316324\_fin"**

3/16/2014 5:35PM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE  |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.198000      | 42.20      | 10.3      | 64         | 21.5      | QP       | L1   | GND |
| 15.618000     | 35.20      | 10.9      | 60         | 24.8      | QP       | L1   | GND |
| 16.166000     | 37.10      | 10.9      | 60         | 22.9      | QP       | L1   | GND |
| 16.226000     | 37.40      | 10.9      | 60         | 22.6      | QP       | L1   | GND |
| 18.242000     | 40.00      | 10.9      | 60         | 20.0      | QP       | L1   | GND |
| 23.130000     | 36.60      | 11.1      | 60         | 23.4      | QP       | L1   | GND |

**MEASUREMENT RESULT: "MW0316324\_fin2"**

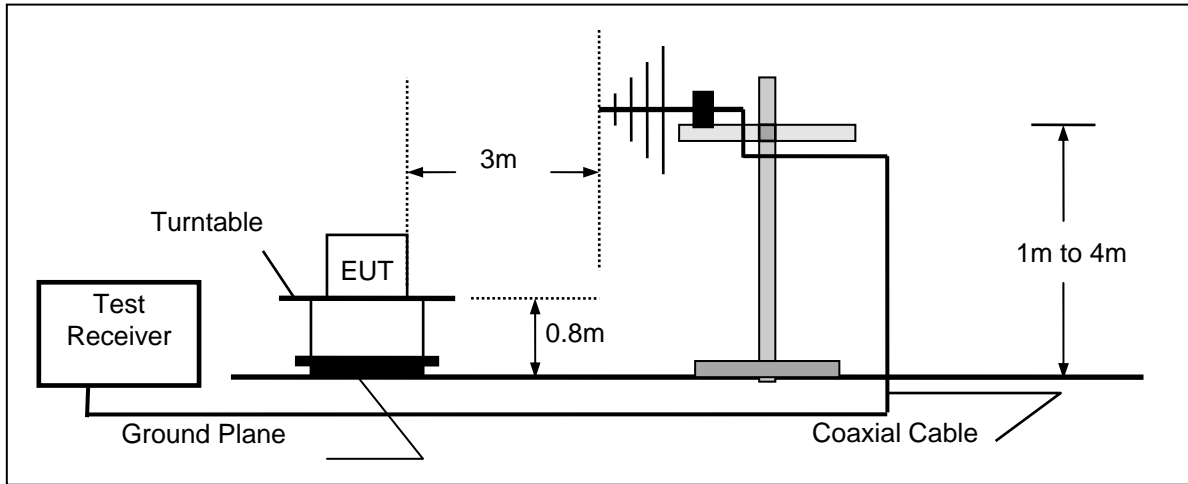
3/16/2014 5:35PM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE  |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.202000      | 37.90      | 10.3      | 54         | 15.6      | AV       | L1   | GND |
| 16.230000     | 34.60      | 10.9      | 50         | 15.4      | AV       | L1   | GND |
| 19.710000     | 36.30      | 10.9      | 50         | 13.7      | AV       | L1   | GND |
| 20.258000     | 36.30      | 10.9      | 50         | 13.7      | AV       | L1   | GND |
| 21.662000     | 35.00      | 11.0      | 50         | 15.0      | AV       | L1   | GND |
| 23.130000     | 34.90      | 11.1      | 50         | 15.1      | AV       | L1   | GND |

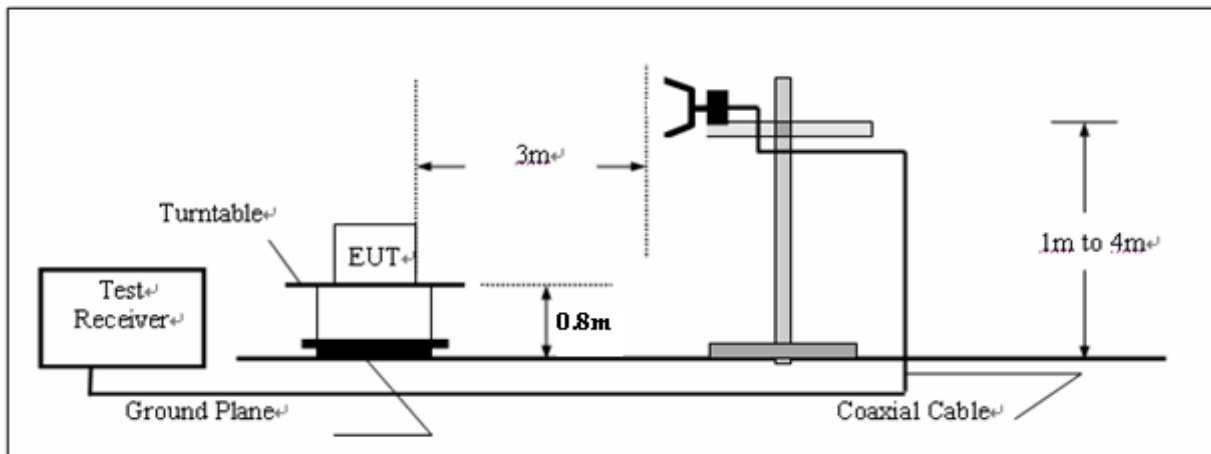
## 4.2. Radiated Emission Test

### TEST CONFIGURATION

a) Radiated Emission Test Set-Up, Frequency below 1000MHz



b) Radiated Emission Test Set-Up, Frequency above 1000MHz



### TEST PROCEDURE

1. The EUT is placed on a turntable, which is 0.8m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The maximum operation frequency was 512MHz, the radiated emission test frequency from 30MHz to 6GHz.

### FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

|                           |  |
|---------------------------|--|
| Where FS = Field Strength | CL = Cable Attenuation Factor (Cable Loss) |
| RA = Reading Amplitude    | AG = Amplifier Gain                        |
| AF = Antenna Factor       |  |

For example

| Frequency (MHz) | FS (dBµV/m) | RA (dBµV/m) | AF (dB) | CL (dB) | AG (dB) | Transd (dB) |
|-----------------|-------------|-------------|---------|---------|---------|-------------|
| 300.00          | 40          | 58.1        | 12.2    | 1.6     | 31.90   | -18.1       |

Transd=AF +CL-AG

**RADIATION LIMIT**

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

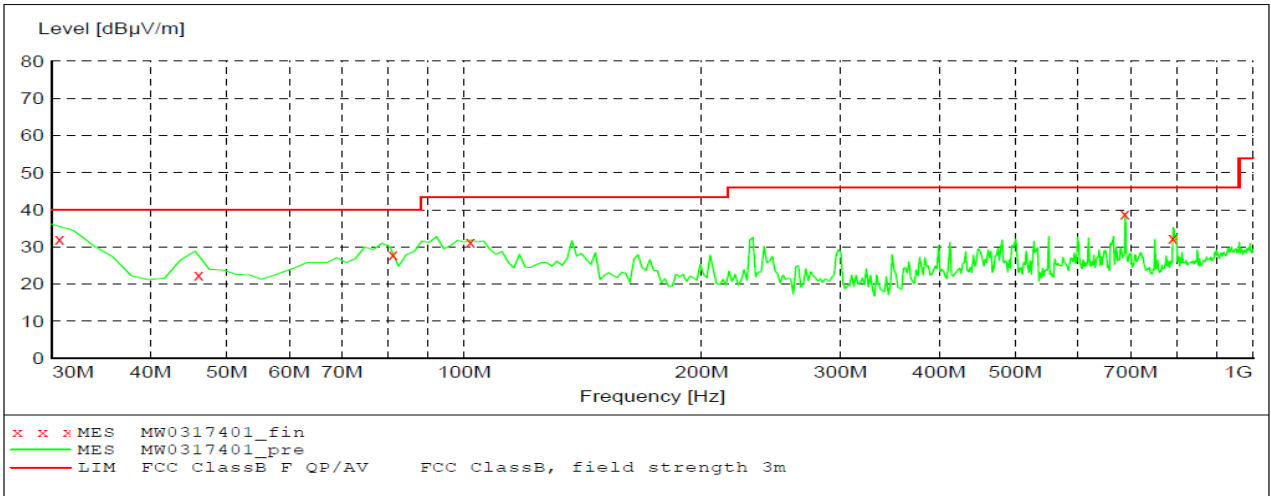
| Frequency (MHz) | Distance (Meters) | Radiated (dBµV/m) | Radiated (µV/m) |
|-----------------|-------------------|-------------------|-----------------|
| 30-88           | 3                 | 40.0              | 100             |
| 88-216          | 3                 | 43.5              | 150             |
| 216-960         | 3                 | 46.0              | 200             |
| Above 960       | 3                 | 54.0              | 500             |

**TEST RESULTS**

***For 30MHz-1GHz***

**SCAN TABLE: "test Field(30M-1G)OP"**

Short Description: Field Strength(30M-1G)  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Frequency Width Time Bandw.  
 30.0 MHz 1.0 GHz 60.0 kHz QuasiPeak 1.0 s 120 kHz VULB9163



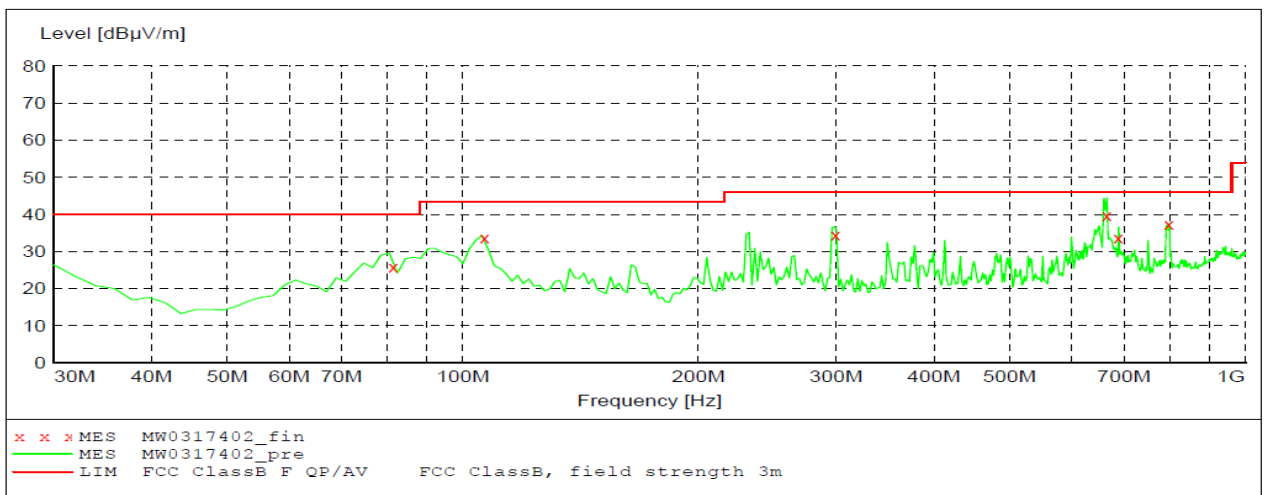
**MEASUREMENT RESULT: "MW0317401\_fin"**

3/17/2014 11:28PM

| Frequency MHz | Level dBuV/m | Transd dB | Limit dBuV/m | Margin dB | Det. | Height cm | Azimuth deg | Polarization |
|---------------|--------------|-----------|--------------|-----------|------|-----------|-------------|--------------|
| 30.660000     | 32.10        | -10.5     | 40.0         | 7.9       | QP   | 100.0     | 147.00      | VERTICAL     |
| 46.080000     | 22.40        | -18.6     | 40.0         | 17.6      | QP   | 99.0      | 354.00      | VERTICAL     |
| 81.180000     | 28.00        | -22.5     | 40.0         | 12.0      | QP   | 150.0     | 247.00      | VERTICAL     |
| 101.880000    | 31.30        | -19.6     | 43.5         | 12.2      | QP   | 119.0     | 212.00      | VERTICAL     |
| 688.080000    | 39.00        | -10.9     | 46.0         | 7.0       | QP   | 100.0     | 13.00       | VERTICAL     |
| 792.480000    | 32.40        | -8.7      | 46.0         | 13.6      | QP   | 113.0     | 173.00      | VERTICAL     |

**SCAN TABLE: "test Field(30M-1G)OP"**

Short Description: Field Strength(30M-1G)  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Frequency Width Time Bandw.  
 30.0 MHz 1.0 GHz 60.0 kHz QuasiPeak 1.0 s 120 kHz VULB9163

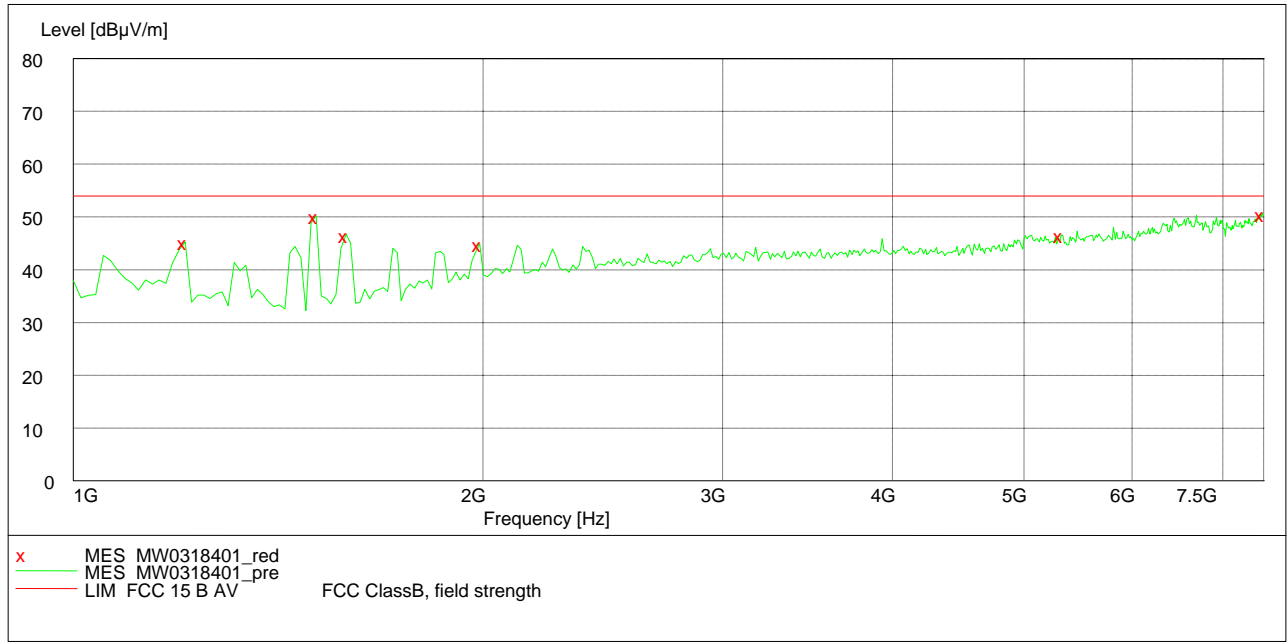


**MEASUREMENT RESULT: "MW0317402\_fin"**

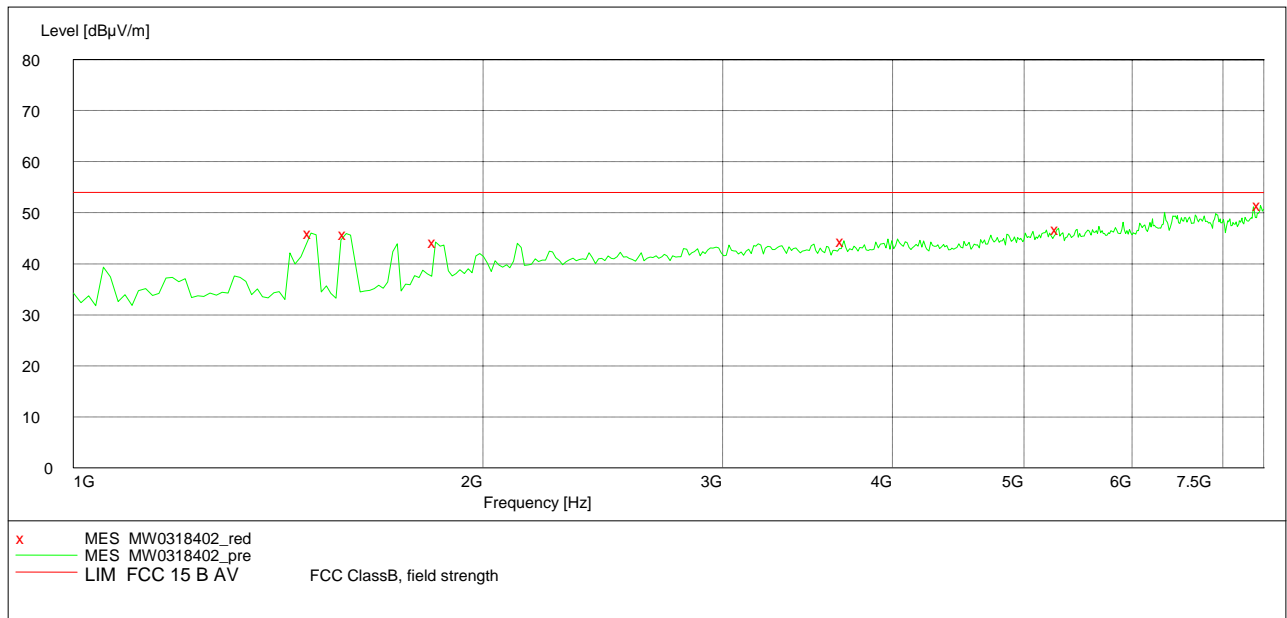
3/17/2014 11:40PM

| Frequency MHz | Level dBuV/m | Transd dB | Limit dBuV/m | Margin dB | Det. | Height cm | Azimuth deg | Polarization |
|---------------|--------------|-----------|--------------|-----------|------|-----------|-------------|--------------|
| 81.480000     | 25.90        | -22.4     | 40.0         | 14.1      | QP   | 338.0     | 163.00      | HORIZONTAL   |
| 106.680000    | 33.70        | -19.2     | 43.5         | 9.8       | QP   | 250.0     | 151.00      | HORIZONTAL   |
| 299.460000    | 34.40        | -18.1     | 46.0         | 11.6      | QP   | 100.0     | 167.00      | HORIZONTAL   |
| 665.880000    | 39.60        | -11.1     | 46.0         | 6.4       | QP   | 99.0      | 151.00      | HORIZONTAL   |
| 688.080000    | 33.60        | -10.9     | 46.0         | 12.4      | QP   | 100.0     | 198.00      | HORIZONTAL   |
| 798.840000    | 37.40        | -8.8      | 46.0         | 8.6       | QP   | 148.0     | 199.00      | HORIZONTAL   |

For 1GHz-7.5GHz



| Frequency<br>MHz | Level<br>dBµV/m | Transd<br>dB | Limit<br>dBµV/m | Margin<br>dB | Det. | Height<br>cm | Azimuth<br>deg | Polarization |
|------------------|-----------------|--------------|-----------------|--------------|------|--------------|----------------|--------------|
| 1208.416834      | 45.30           | -8.0         | 53.90           | 8.6          | Peak | 100.0        | 185.00         | HORIZONTAL   |
| 1508.016032      | 50.20           | -5.9         | 53.90           | 3.7          | Peak | 100.0        | 216.00         | HORIZONTAL   |
| 1586.172345      | 46.70           | -5.1         | 53.90           | 7.2          | Peak | 100.0        | 255.00         | HORIZONTAL   |
| 1989.979960      | 44.90           | -1.5         | 53.90           | 9.0          | Peak | 100.0        | 303.00         | HORIZONTAL   |
| 5324.649299      | 46.60           | 6.2          | 53.90           | 7.3          | Peak | 100.0        | 313.00         | HORIZONTAL   |
| 7486.973948      | 50.70           | 11.4         | 53.90           | 3.2          | Peak | 100.0        | 319.00         | HORIZONTAL   |



| Frequency<br>MHz | Level<br>dBµV/m | Transd<br>dB | Limit<br>dBµV/m | Margin<br>dB | Det. | Height<br>cm | Azimuth<br>deg | Polarization |
|------------------|-----------------|--------------|-----------------|--------------|------|--------------|----------------|--------------|
| 1494.989980      | 46.00           | -6.0         | 53.90           | 7.9          | Peak | 100.0        | 236.00         | VERTICAL     |
| 1586.172345      | 45.90           | -5.1         | 53.90           | 8.0          | Peak | 100.0        | 267.00         | VERTICAL     |
| 1846.693387      | 44.30           | -2.7         | 53.90           | 9.6          | Peak | 100.0        | 203.00         | VERTICAL     |
| 3683.366733      | 44.50           | 3.0          | 53.90           | 9.4          | Peak | 100.0        | 218.00         | VERTICAL     |
| 5298.597194      | 46.90           | 6.2          | 53.90           | 7.0          | Peak | 100.0        | 179.00         | VERTICAL     |
| 7460.921844      | 51.50           | 11.3         | 53.90           | 2.4          | Peak | 100.0        | 164.00         | VERTICAL     |

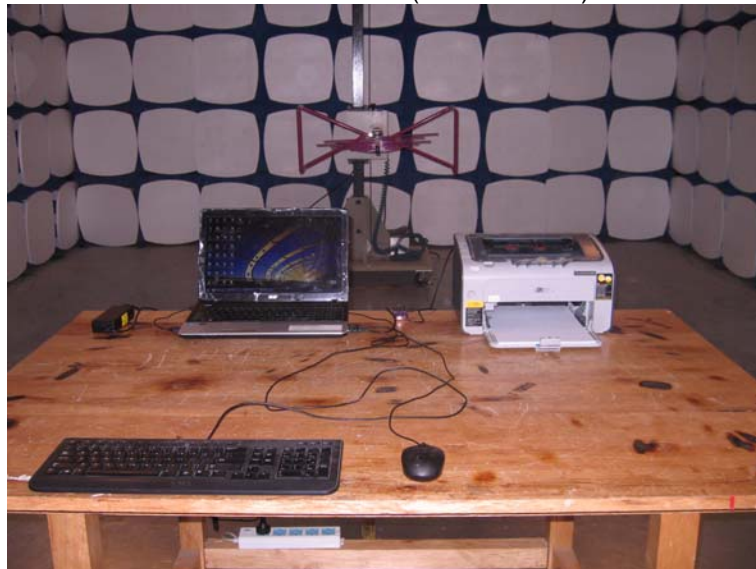


## 5. Test Setup Photos of the EUT

Conducted Emission (AC Mains)



Radiated Emission (30MHz-1GHz)



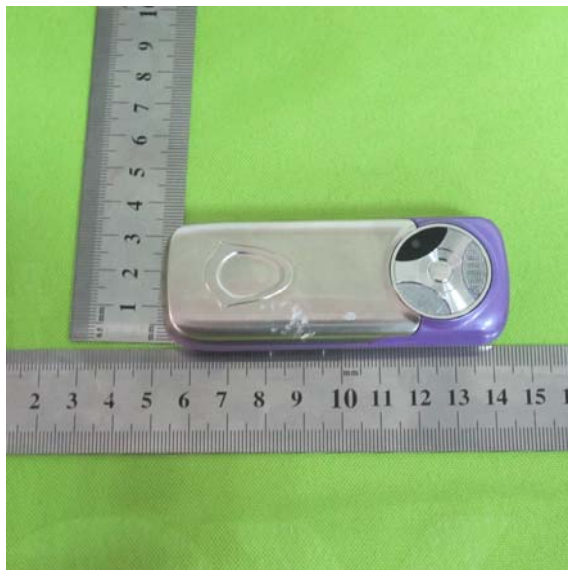
Radiated Emission (above 1GHz)





## 6. External and Internal Photos of the EUT

### External photos of the EUT



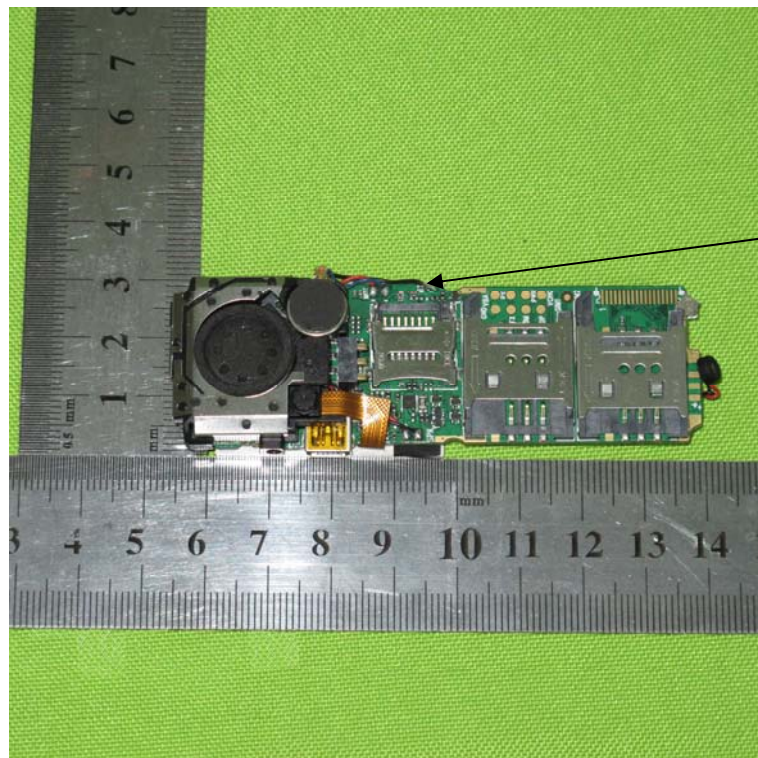
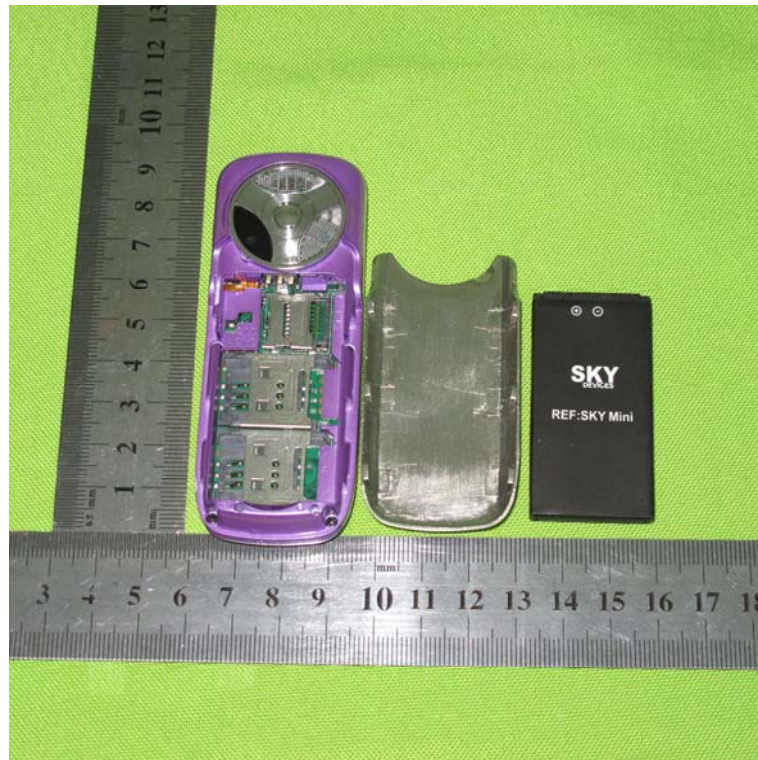




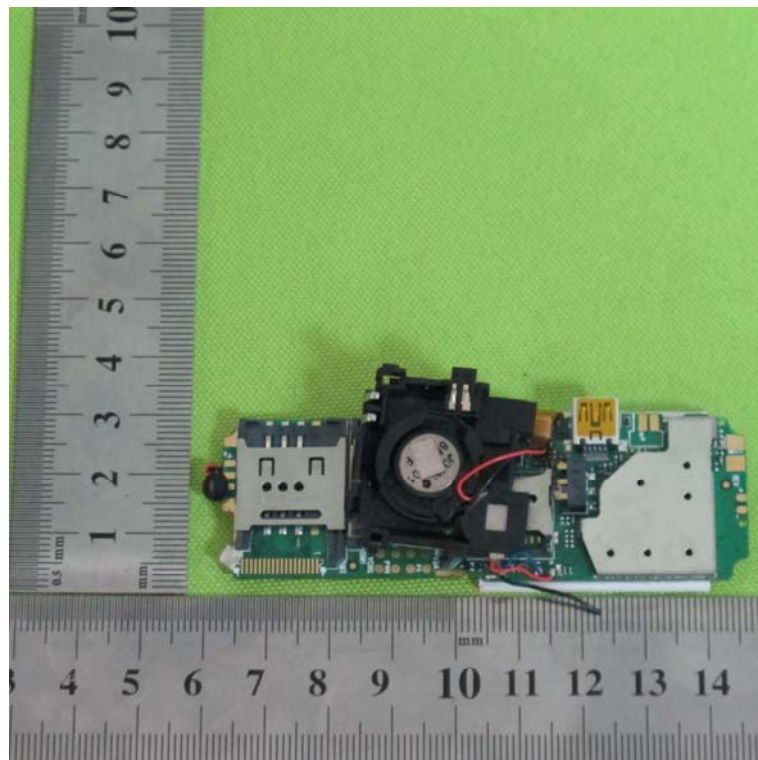
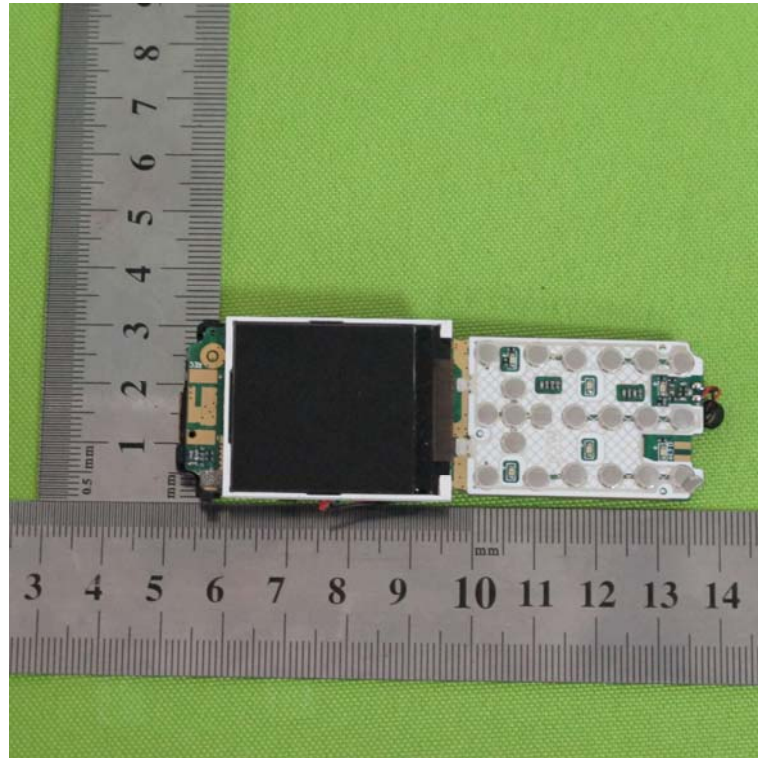




Internal photos of the EUT



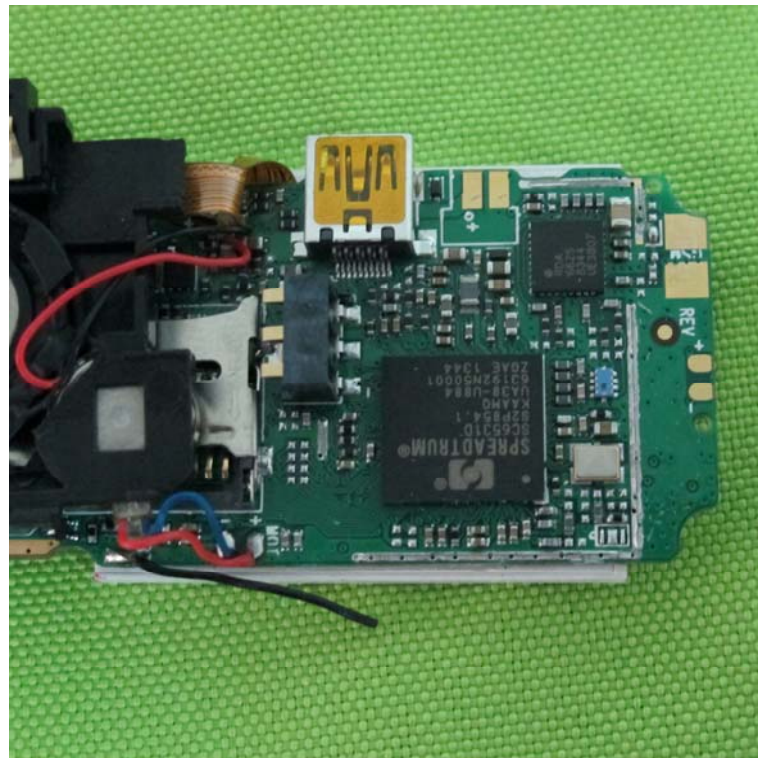
BT Antenna

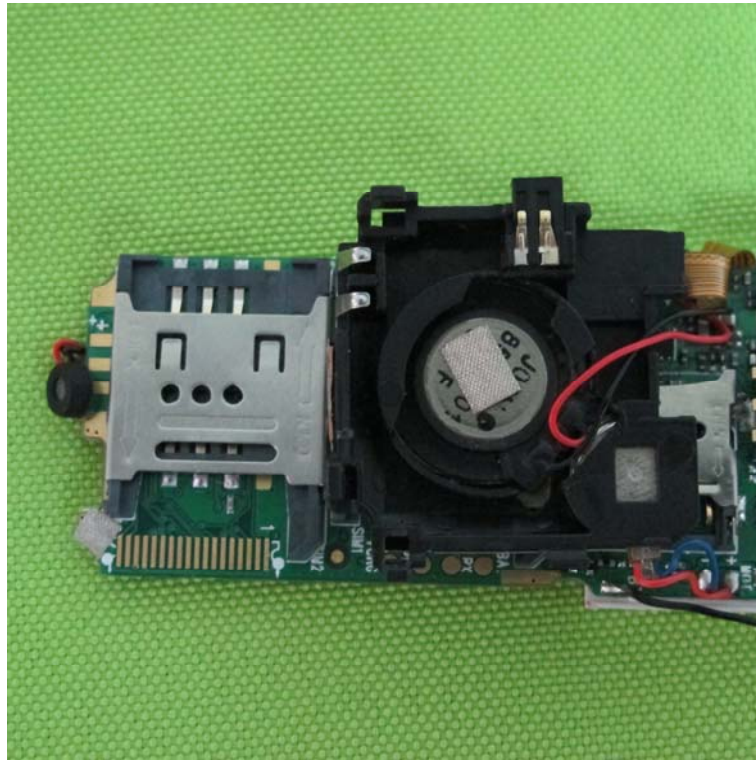






GSM Antenna





.....End of Report.....