FCC Test Report

Report No.: AGC01904140902FE02

FCC ID : 2ABYLSP6020

APPLICATION PURPOSE: Class II Permissive Change

PRODUCT DESIGNATION: WCDMA mobile phone

BRAND NAME : W00

MODEL NAME : SP6022

CLIENT : Uwin Innovation (HongKong) Limited

DATE OF ISSUE : Oct.15, 2014

STANDARD(S) : FCC Part 22H & 24E Rules

REPORT VERSION: V1.0

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

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REPORT REVISE RECORD

| Report Version | Revise Time | Issued Date | Valid Version | Notes |
|----------------|-------------|--------------|---------------|----------------------------|
| V1.0 | / | Oct.15, 2014 | Valid | Class II Permissive Change |

DESCRIPTION

In this report, only changed the accessories, model name, battery capacity, internal storage, frame color and appearance of the GSM/WCDMA antenna. The information of test results is almost identical to the report number - AGC01575140201FE02, which was named SP6020; All the test cases can be referred to the original test report. Based on the report, only the ERP/EIRP and the worst cases of Radiated Spurious Emission were verified for the differences.

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1.VERIFICATION OF COMPLIANCE

| Applicant | Uwin Innovation (HongKong) Limited |
|---|---|
| Address | Room 206, Block 30, Nantou Checking Point 2nd Road, Wisdomland Business Park, Nanshan District, Shenzhen, China |
| Manufacturer Shenzhen Eternity Technology Limited | |
| Address | Block A2, Yingzhan Industrial Park, Longtian Community, Kengzi Street, Pingshan District, Shenzhen, CHINA |
| Product Designation | WCDMA mobile phone |
| Brand Name | woo |
| Test Model | SP6022 |
| Date of test | Oct.10, 2014 to Oct.13, 2014 |
| Deviation | None |
| Condition of Test Sample | Normal |

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C 63.4:2003 and TIA/EIA 603. The sample tested as described in this report is in compliance with the FCC Rules Part 22H and 24E.

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

| Tested By : | East | He |
|---------------|--------------|--------------|
| | Bart Xie | Oct.15, 2014 |
| Reviewed By : | kill | 1 tony |
| | Kidd Yang | Oct.15, 2014 |
| Approved By: | Solzer | zhang |
| _ | Solger Zhang | Oct.15, 2014 |

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2. GENERAL INFORMATION

2.1 PRODUCT DESCRIPTION

case as a representative.

A major technical description of EUT is described as following:

| Product Designation: | WCDMA mobile phone | | |
|--|--|--|--|
| Hardware version: | Elink-MR601-V2 20131203 | | |
| Software version: | N/A | | |
| Frequency Bands: | ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ | | |
| Antenna: | PIFA Antenna | | |
| Antenna gain: | -1.0dBi(GSM/WCDMA 850), -0.8dBi (GSM/WCDMA 1900) | | |
| Power Supply: | DC 3.7V by Battery | | |
| Battery parameter: | DC3.7V/2500 mAh | | |
| Adapter Input: | AC100-240V, 50-60Hz | | |
| Adapter Output: | DC5.0V, 1.5A | | |
| Dual Card: | WCDMA / GSM Card Slot GSM Card Slot | | |
| GPRS Class | 12 | | |
| Extreme Vol. Limits: | DC3.4 V to 4.2 V (Normal: DC3.7 V) | | |
| Extreme Temp. Tolerance | extreme Temp. Tolerance -10°C to +50°C | | |
| *** Note: The High Voltage DC4.2V and Low Voltage DC3.4V were declared by manufacturer, The EUT couldn't be operating normally with higher or lower voltage. | | | |

Other functions have been performed according to verification procedure except for Bluetooth and MS function. Card 1 can't transmit with Card 2 simultaneously.

^{***} Note: The maximum power levels are GSM for MCS-4: GMSK link, EDGE for MCS-9:8PSK link, and RMC 12.2kbps mode for WCDMA band II, WCDMA band V, only these modes were used for all tests. We found out the test mode with the highest power level after we analyze all the data rates. So we chose worst

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2.2 RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for **FCC ID: 2ABYLSP6020**, filing to comply with the FCC Part 22H&24E requirements.

KDB 971168 D01 Power Meas License Digital Systems v02r01

2.3 TEST METHODOLOGY

The radiated emission testing was performed according to the procedures of ANSI C 63.4: 2003; TIA/EIA 603 and FCC CFR 47 Rules of 2.1046, 2.1047, 2.1049, 2.1051, 2.1053, 2.1055, 2.1057.

KDB 971168 D01 Power Meas License Digital Systems v02r01

2.4 TEST FACILITY

The test site used to collect the radiated data is located at:

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

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

FCC register No.: 259865

2.5 MEASUREMENT INSTRUMENTS

| NAME OF EQUIPMENT | MANUFACTURER | MODEL | SERIAL NUMBER | Calibration Date | Calibration Due. |
|-------------------------|-------------------|-------------|------------------|---------------------|------------------|
| SPECTRUM ANALYZER | AGILENT | E4440A | US41421290 | July 25, 2014 | July 24, 2015 |
| TEST RECEIVER | R&S | ESCI | 100694 | July 25, 2014 | July 24, 2015 |
| COMMUNICATION TESTER | AGILENT | 8960 | 122500087 | Oct.21, 2013 | Oct.20, 2014 |
| COMMUNICATION TESTER | R&S | CMU200 | 122500166 | Feb.27,2014 | Feb.26,2015 |
| SIGNAL GENERATOR | AGILENT | E4438C | MY44260051 | Feb.23,2014 | Feb. 22,2015 |
| LISN | R&S | ESH3-Z5 | 8389791009 | July 25, 2014 | July 24, 2015 |
| CLIMATE CHAMBER | ALBATROSS | | | July 25, 2014 | July 24, 2015 |
| Loop Antenna | A.H. | SAS-562B | SEL0097 | July 25, 2014 | July 24, 2015 |
| Bilogical Antenna | A.H. Systems Inc. | SAS-521-4 | 26 | June 6, 2014 | June 5, 2015 |
| Horn Antenna | EM | EM-AH-10180 | 67 | June 6, 2014 | June 5, 2015 |
| Horn Antenna | A.H. Systems Inc. | SAS-574 | | Apr.19, 2014 | Apr.18, 2015 |

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2.6 SPECIAL ACCESSORIES

The battery and the charger, earphone supplied by the applicant were used as accessories and being tested with EUT intended for FCC grant together.

2.7 EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.

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3. SYSTEM TEST CONFIGURATION

3.1 EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

3.2 EUT EXERCISE

The Transmitter was operated in the maximum output power mode through Communication Tester. The TX frequency was fixed which was for the purpose of the measurements.

3.3 GENERAL TECHNICAL REQUIREMENTS

| Item Number | Item | Description | FCC Rules |
|-------------|--------------------------|----------------------------|-------------------------------|
| 4 | Output Dower | Conducted output power | 2.1046/22.913(a) (2) / 24.232 |
| ' | Output Power | Radiated output power | (c) |
| 2 | Peak-to-Average Ratio | Peak-to-Average Ratio | 24.232(d) |
| | | Conducted | |
| 3 | Spurious Emission | spurious emission | 2.1051 / 22.917 / 24.238 |
| | | Radiated spurious emission | |
| 4 | Mains Conducted Emission | | 15.107 / 15.207 |
| 5 | Frequency Stability | | 2.1055/22.355 /24.235 |
| 6 | Occupied Bandwidth | | 2.1049 (h)(i) |
| 7 | Emission Bandwidth | | 22.917(a)/24.238(a) |
| 8 | Band Edge | | 22.917(a)/24.238(a) |

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3.4 CONFIGURATION OF EUT SYSTEM

Fig. 2-1 Configuration of EUT System

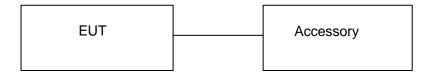


Table 2-1 Equipment Used in EUT System

| Item | Equipment | Model No. | ID or Specification | Note |
|------|--------------------|-----------|---------------------|-----------|
| 1 | WCDMA mobile phone | SP6022 | FCC ID:2ABYLSP6020 | EUT |
| 2 | Adapter | SP6022 | DC5.0V / 1.5A | Accessory |
| 3 | Battery | SP6022 | DC3.7V/ 2500 mAh | Accessory |
| 4 | Earphone | SP6022 | N/A | Accessory |
| 5 | USB Cable | SP6022 | N/A | Accessory |

^{***}Note: All the accessories have been used during the test. The following "EUT" in setup diagram means EUT system.

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4. SUMMARY OF TEST RESULTS

| Item Number | Item Description | | FCC Rules | Result |
|----------------|---------------------|------------------------|--------------------------|--------|
| | | Conducted Output Power | 2.1046/22.913(a) (2) / | |
| 1 | Output Power | Radiated Output Power | 24.232 (c) | Pass |
| 2 | Peak-to-Average | Peak-to-Average | 24.232(d) | Pass |
| | Ratio | Ratio | ` , | |
| | Spurious Emission | Conducted | 2.1051 / 22.917 / 24.238 | Pass |
| 3 | | Spurious Emission | | |
| 3 | | Radiated | | |
| | | Spurious Emission | | |
| 4 | Mains Conducted Em | nission | 15.107 / 15.207 | Pass |
| _ | Frequency Stability | | 2.1055/22.355 | Dana |
| 5 | | | /24.235 | Pass |
| 6 | Occupied Bandwidth | | 2.1049 (h)(i) | Pass |
| 7 | Emission Bandwidth | | 22.917(a)/24.238(a) | Pass |
| 8 | Band Edge | | 22.917(a)/24.238(a) | Pass |

5. DESCRIPTION OF TEST MODES

band V, mode have been tested during the test.

During the testing, the EUT was controlled via Rhode & Schwarz Digital Radio Communication Tester (CMU 200) to ensure max power transmission and proper modulation. Three channels (The top channel, the middle channel and the bottom channel) were chosen for testing on both GSM and PCS frequency band. ***Note: GSM/GPRS/EGPRS 850, GSM/GPRS/EGPRS 1900, WCDMA/HSPA band II, WCDMA/HSPA

The worst condition was recorded in the test report if no other modes test data.

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6. OUTPUT POWER

6.1RADIATED OUTPUT POWER

6.1.1 MEASUREMENT METHOD

The measurements procedures specified in TIA-603C-2004 were applied.

- In an anechoic antenna test chamber, a half-wave dipole antenna for the frequency band of interest is placed at the reference centre of the chamber. An RF Signal source for the frequency band of interest is connected to the dipole with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A known (measured) power (Pin) is applied to the input of the dipole, and the power received (Pr) at the chamber's probe antenna is recorded.
- 2 The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established as ARpl=Pin + 2.15 Pr. The ARpl is the attenuation of "reference path loss", and including the gain of receive antenna, the cable loss and the air loss. The measurement results are obtained as described below: Power=PMea+ARpl
- 3 The EUT is substituted for the dipole at the reference centre of the chamber and a scan is performed to obtain the radiation pattern.
- 4 From the radiation pattern, the co-ordinates where the maximum antenna gain occurs are identified.
- 5 The EUT is then put into continuously transmitting mode at its maximum power level.
- Power mode measurements are performed with the receiving antenna placed at the coordinates determined in Step 3 to determine the output power as defined in Rule 24.232 (b) and (c). The "reference path loss" from Step1 is added to this result.
- 7 This value is EIRP since the measurement is calibrated using a half-wave dipole antenna of known gain (2.15 dBi) and known input power (Pin).
- 8 ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP -2.15dBi..

6.1.2 PROVISIONS APPLICABLE

This is the test for the maximum radiated power from the EUT. Rule Part 24.232(b) specifies, "Mobile/portable stations are limited to 2 watts e.i.r.p. Peak power" and 24.232(c) specifies that "Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage." Rule Part 22.913(a) specifies "Maximum ERP. The effective radiated power (ERP) of base transmitters and cellular repeaters must not exceed 500 Watts. The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts."

| Mode | Nominal Peak Power |
|---------------|--------------------|
| GSM 850/EDGE | <=38.45 dBm (7W) |
| PCS 1900/EDGE | <=33 dBm (2W) |
| UMTS BAND II | <=33 dBm (2W) |
| UMTS BANDV | <=38.45 dBm (7W) |

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6.1.3 MEASUREMENT RESULT

| | Radiated Power (ERP) for GSM 850/EDGE 8 | | | | |
|--------|---|---------------|--------------|------------|--|
| | | Res | sult | | |
| Mode | Frequency | Max. Peak ERP | Polarization | Conclusion | |
| | | (dBm) | Of Max. ERP | | |
| | 824.2 | 30.28 | Horizontal | Pass | |
| | 836.6 | 30.20 | Horizontal | Pass | |
| CCMOEO | 848.8 | 30.15 | Horizontal | Pass | |
| GSM850 | 824.2 | 28.45 | Vertical | Pass | |
| | 836.6 | 28.53 | Vertical | Pass | |
| | 848.8 | 29.06 | Vertical | Pass | |
| | 824.2 | 25.21 | Horizontal | Pass | |
| | 836.6 | 25.42 | Horizontal | Pass | |
| FDCF | 848.8 | 25.47 | Horizontal | Pass | |
| EDGE | 824.2 | 24.01 | Vertical | Pass | |
| | 836.6 | 25.34 | Vertical | Pass | |
| | 848.8 | 25.22 | Vertical | Pass | |

| Radiated Power (E.I.R.P) for PCS 1900/EDGE 8 | | | | |
|--|-----------|---------------|------------------|------------|
| | | Result | | |
| Mode | Frequency | Max. Peak | Polarization | Conclusion |
| | | E.I.R.P.(dBm) | Of Max. E.I.R.P. | |
| | 1850.2 | 27.38 | Horizontal | Pass |
| | 1880.0 | 27.31 | Horizontal | Pass |
| GSM 1900 | 1909.8 | 27.27 | Horizontal | Pass |
| 30W 1300 = | 1850.2 | 26.49 | Vertical | Pass |
| | 1880.0 | 26.30 | Vertical | Pass |
| | 1909.8 | 25.22 | Vertical | Pass |
| | 1850.2 | 24.44 | Horizontal | Pass |
| | 1880.0 | 24.26 | Horizontal | Pass |
| | 1909.8 | 24.33 | Horizontal | Pass |
| EDGE | 1850.2 | 23.28 | Vertical | Pass |
| | 1880.0 | 23.26 | Vertical | Pass |
| | 1909.8 | 23.13 | Vertical | Pass |

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Radiated Power (E.I.R.P) for UMTS band II Result Mode Frequency Max. Peak E.I.R.P **Polarization** Of Max. E.I.R.P (dBm) 21.71 1852.4 Horizontal Pass 1880 21.63 Horizontal Pass Horizontal Pass **RMC** 1907.6 21.32 Vertical Pass 12.2kbps 1852.4 21.08 1880 20.49 Vertical Pass Vertical Pass 1907.6 21.00

| Radiated Power (ERP) for UMTS band V | | | | | | | | |
|--------------------------------------|-----------|---------------|------------------|------------|--|--|--|--|
| | | | | | | | | |
| Mode | Frequency | Max. Peak ERP | Polarization | Conclusion | | | | |
| | | (dBm) | Of Max. E.I.R.P. | | | | | |
| | 826.4 | 21.42 | Horizontal | Pass | | | | |
| | 835.0 | 21.23 | Horizontal | Pass | | | | |
| RMC | 846.6 | 21.04 | Horizontal | Pass | | | | |
| 12.2kbps | 826.4 | 20.42 | Vertical | Pass | | | | |
| | 835.0 | 20.59 | Vertical | Pass | | | | |
| | 846.6 | 20.46 | Vertical | Pass | | | | |

Note: Above is worst mode data.

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7. SPURIOUS EMISSION

7.1 Radiated Spurious Emission

7.1.1 MEASUREMENT METHOD

The measurements procedures specified in TIA-603C-2004 were used for testing. The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment. The resolution bandwidth is set 1MHz as outlined in Part 24.238. The measurements were performed on all modes(GPRS/EGPRS 850, GPRS/EGPRS 1900, HSPA band II, HSPA band V) at 3 typical channels(the Top Channel, the Middle Channel and the Bottom Channel) for each band.

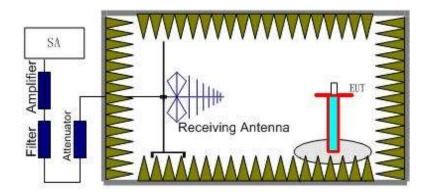
The procedure of radiated spurious emissions is as follows:

a) Pre-calibration With pre-calibration method, the Radiated Spurious Emissions(RSE) is calculated as, RSE=Rx(dBuV)+CL(dB)+SA(dB)+Gain(dBi)-107(dBuV to dBm) The SA is calibrated using following setup.



b) EUT was placed on a 0.8 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the test item for emission measurements. The height of receiving antenna is 0.8m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the test item and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic were measured with peak detector and 1MHz bandwidth.

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Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of the PCS 1900 band (1850.2 MHz, 1880 MHz and 1909.8 MHz) ,GSM850 band (824.2MHz, 836.6MHz, 848.8MHz), UMTS band II(1852.4MHz, 1880MHz, 1907.6MHz), UMTS band V(826.4MHz, 835.0MHz, 846.6MHz) . It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of any band into any of the other blocks.

The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss and the air loss. The measurement results are obtained as described below: Power=P_{Mea}+A_{Rpl}

7.1.2 PROVISIONS APPLICABLE

(a) On any frequency outside a licensee's frequency block (e.g. A, D, B, etc.) within the USPCS spectrum, the power of any emission shall be attenuated below the transmitter power (P, in Watts) by at least 43+10Log(P) dB. The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

Note: only result the worst condition of each test mode:

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7.1.3 MEASUREMENT RESULT

GSM 850:

| The Worst Test Results for Channel 251/848.8 MHz | | | | | | |
|--|------------|---------------|-----------|-------------|------------|--|
| Frequency(MHz) | Power(dBm) | ARpl (dBm) | PMea(dBm) | Limit (dBm) | Polarity | |
| 1685.23 | -43.22 | -5.01 | -48.23 | -13.00 | Horizontal | |
| 2456.12 | -45.67 | -2.18 | -47.85 | -13.00 | Vertical | |
| 3645.78 | -46.31 | 3.46 | -42.85 | -13.00 | Vertical | |
| 4536.58 | -44.29 | 2.79 | -41.50 | -13.00 | Horizontal | |

GSM 850(EDGE 8):

| 1 | | | | | | | |
|--|------------|---------------|-----------|------------|------------|--|--|
| The Worst Test Results for Channel 251/848.8 MHz | | | | | | | |
| Frequency(MHz) | Power(dBm) | ARpl (dBm) | PMea(dBm) | Limit(dBm) | Polarity | | |
| 1696.28 | -46.56 | -2.26 | -48.82 | -13.00 | Horizontal | | |
| 2162.19 | -47.38 | -3.12 | -50.50 | -13.00 | Vertical | | |
| 3645.78 | -48.24 | -1.74 | -49.98 | -13.00 | Vertical | | |
| 9257.65 | -45.29 | 8.46 | -36.83 | -13.00 | Horizontal | | |

PCS 1900:

| The Worst Test Results for Channel 810/1909.8MHz | | | | | | |
|--|------------|---------------|-----------|-------------|------------|--|
| Frequency(MHz) | Power(dBm) | ARpl (dBm) | PMea(dBm) | Limit (dBm) | Polarity | |
| 1429.36 | -45.36 | -3.22 | -48.58 | -13.00 | Vertical | |
| 2563.47 | -46.24 | -0.24 | -46.48 | -13.00 | Vertical | |
| 3645.26 | -47.38 | 3.98 | -43.40 | -13.00 | Horizontal | |
| 4563.56 | -47.52 | 11.56 | -35.96 | -13.00 | Vertical | |
| 5689.25 | -45.51 | 17.89 | -27.62 | -13.00 | Horizontal | |

PCS 1900(EDGE 8):

| The Worst Test Results for Channel 810/1909.8MHz | | | | | | |
|--|------------|---------------|-----------|-------------|------------|--|
| Frequency(MHz) | Power(dBm) | ARpl (dBm) | PMea(dBm) | Limit (dBm) | Polarity | |
| 1430.15 | -53.26 | 2.7 | -50.56 | -13.00 | Vertical | |
| 9367.91 | -53.37 | 11.6 | -41.77 | -13.00 | Vertical | |
| 13356.68 | -54.26 | 14.89 | -39.37 | -13.00 | Horizontal | |
| 15249.71 | -54.21 | 13.87 | -40.34 | -13.00 | Vertical | |
| 17913.63 | -55.75 | 19.76 | -35.99 | -13.00 | Horizontal | |

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UMTS band II:

| The Worst Test Results for Channel 9938/1907.6MHz | | | | | | |
|---|------------|---------------|-----------|-------------|------------|--|
| Frequency(MHz) | Power(dBm) | ARpl (dBm) | PMea(dBm) | Limit (dBm) | Polarity | |
| 2000.00 | -38.77 | -2.25 | -41.02 | -13.00 | Vertical | |
| 9548.50 | -41.35 | -3.03 | -44.38 | -13.00 | Horizontal | |
| 13367.40 | -44.39 | -1.87 | -46.26 | -13.00 | Horizontal | |
| 15277.80 | -42.21 | 8.52 | -33.69 | -13.00 | Vertical | |
| 17931.60 | -49.27 | 18.7 | -30.57 | -13.00 | Horizontal | |

UMTS band V:

| | The Worst Test Results for Channel 4458/846.6MHz | | | | | | |
|----------------|--|---------------|-----------|-------------|------------|--|--|
| Frequency(MHz) | Power(dBm) | ARpl (dBm) | PMea(dBm) | Limit (dBm) | Polarity | | |
| 1598.26 | -41.62 | -2.26 | -43.88 | -13.00 | Vertical | | |
| 2365.78 | -39.37 | -3.12 | -42.49 | -13.00 | Horizontal | | |
| 4967.65 | -42.28 | -1.74 | -44.02 | -13.00 | Horizontal | | |
| 6457.86 | -39.44 | 8.74 | -30.7 | -13.00 | Vertical | | |
| 7896.56 | -42.62 | 17.89 | -24.73 | -13.00 | Horizontal | | |

Note: ARpl= Factor=Antenna Factor+ Cable loss-Amplifier gain.

The "Factor" value can be calculated automatically by software of measurement system.

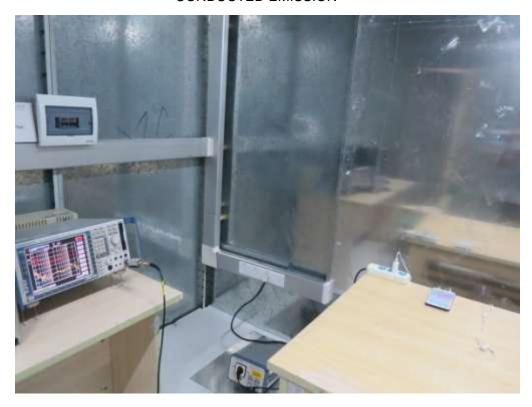
Below 30MHZ no Spurious found and The GSM modes is the worst condition.

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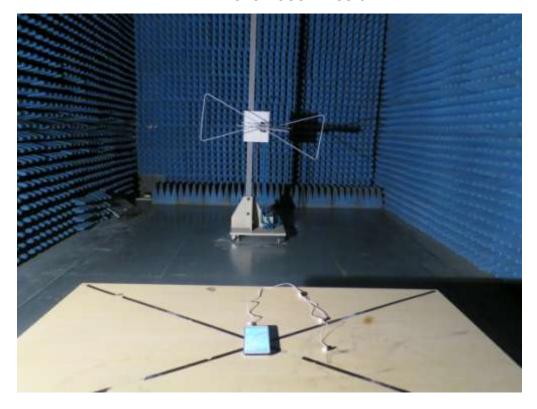
PPENDIX D PHOTOGRAPHS OF TEST SETUP

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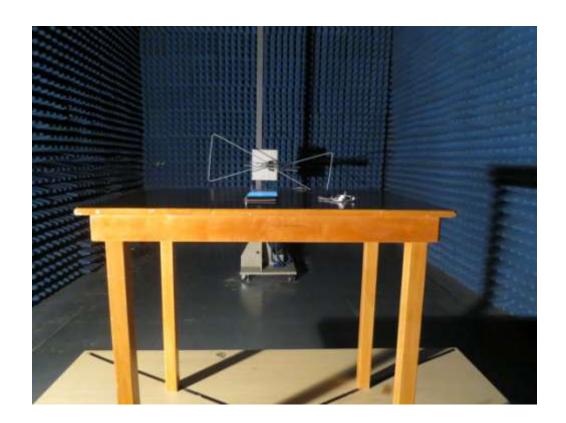
CONDUCTED EMISSION



RADIATED SPURIOUS EMISSION



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APPENDIX E PHOTOGRAPHS OF EUT

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All VIEW OF EUT



TOP VIEW OF EUT



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BOTTOM VIEW OF EUT



FRONT VIEW OF EUT



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BACK VIEW OF EUT



LEFT VIEW OF EUT



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RIGHT VIEW OF EUT





GSM & WCDMA Antenna

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OPEN VIEW OF EUT-2

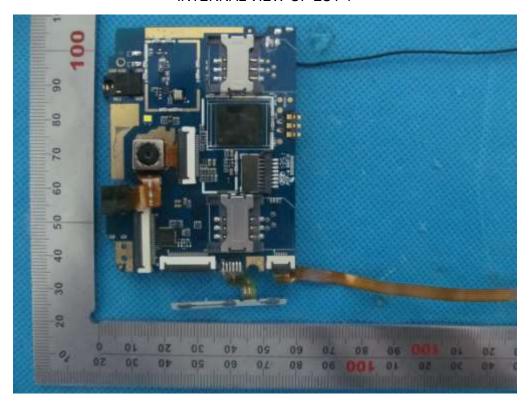


OPEN VIEW OF EUT-3



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INTERNAL VIEW OF EUT-1

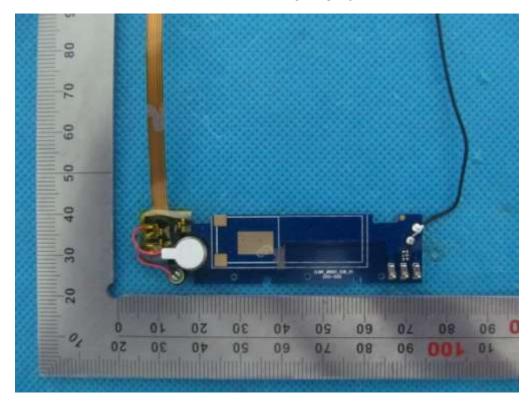


INTERNAL VIEW OF EUT-2

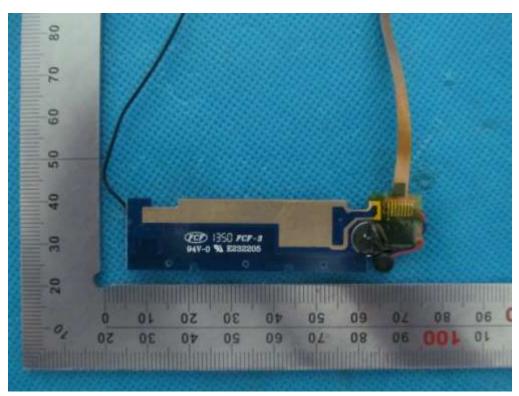


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INTERNAL VIEW OF EUT-3



INTERNAL VIEW OF EUT-4



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