

EMC TEST REPORT



Report No.: 15050044-FCC-E

Supersede Report No.:N/A

| | | |
|--|--|--|
| Applicant | b mobile HK Limited | |
| Product Name | Mobile Phone | |
| Model No. | AX1055 | |
| Serial No. | AX1050,AX1065 | |
| Test Standard | FCC Part 15 Subpart B Class B:2014, ANSI C63.4: 2014 | |
| Test Date | October 28 to November 17, 2015 | |
| Issue Date | December 04, 2015 | |
| Test Result | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | |
| Equipment complied with the specification <input checked="" type="checkbox"/> | | |
| Equipment did not comply with the specification <input type="checkbox"/> | | |
| <i>Winnie Zhang</i> | <i>David Huang</i> | |
| Winnie Zhang Test Engineer | David Huang Checked By | |
| This test report may be reproduced in full only Test result presented in this test report is applicable to the tested sample only | | |

Issued by:

SIEMIC (SHENZHEN-CHINA) LABORATORIES

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Laboratories Introduction

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Accreditations for Conformity Assessment

| Country/Region | Scope |
|----------------|------------------------------------|
| USA | EMC, RF/Wireless, SAR, Telecom |
| Canada | EMC, RF/Wireless, SAR, Telecom |
| Taiwan | EMC, RF, Telecom, SAR, Safety |
| Hong Kong | RF/Wireless, SAR, Telecom |
| Australia | EMC, RF, Telecom, SAR, Safety |
| Korea | EMI, EMS, RF, SAR, Telecom, Safety |
| Japan | EMI, RF/Wireless, SAR, Telecom |
| Singapore | EMC, RF, SAR, Telecom |
| Europe | EMC, RF, SAR, Telecom, Safety |

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1. Report Revision History

| Report No. | Report Version | Description | Issue Date |
|----------------|----------------|--|------------------|
| 15050044-FCC-E | NONE | Original | November 17,2015 |
| 15050044-FCC-E | V1 | Changing Test Setup Photos | December 04,2015 |
| 15050044-FCC-E | V2 | Adding data and supporting Cable' s information | December 07,2015 |
| | | | |
| | | | |
| | | | |

2. Customer information

| | |
|------------------|--|
| Applicant Name | b mobile HK Limited |
| Applicant Add | Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung;New Territories; Hong Kong |
| Manufacturer | b mobile HK Limited |
| Manufacturer Add | Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung;New Territories; Hong Kong |

3. Test site information

| | |
|----------------------|--|
| Lab performing tests | SIEMIC (Shenzhen-China) LABORATORIES |
| Lab Address | Zone A, Floor 1, Building 2 Wan Ye Long Technology Park South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108 |
| FCC Test Site No. | 718246 |
| IC Test Site No. | 4842E-1 |
| Test Software | Radiated Emission Program-To Shenzhen v2.0 |

4. Equipment under Test (EUT) Information

Description of EUT: Mobile Phone

Main Model: AX1055

Serial Model: AX1050,AX1065

Date EUT received: October 27,2015

Test Date(s): October 28 to November 17, 2015

Antenna Gain:

GSM850: 1 dBi
 PCS1900: 1.8 dBi
 UMTS-FDD Band V: 1.8 dBi
 UMTS-FDD Band II: 1.8 dBi
 Bluetooth: -0.8dBi
 BLE: 3.3dBi
 WIFI: -0.55 dBi
 LTE Band 2: -1.6 dBi
 LTE Band 4:-1.7 dBi
 LTE Band 5: -3.1 dBi
 LTE Band 7: -1.2 dBi
 GPS:-0.65dBi

Type of Modulation:

GSM / GPRS: GMSK
 EGPRS: GMSK, 8PSK
 UMTS-FDD: QPSK, 16QAM
 802.11b/g/n: DSSS, OFDM
 Bluetooth: GFSK, $\pi/4$ DQPSK, 8DPSK
 BLE: GFSK
 LTE Band: QPSK, 16QAM
 GPS:BPSK

RF Operating Frequency (ies):

GSM850 TX: 824.2 ~ 848.8 MHz; RX: 869.2 ~ 893.8 MHz
 PCS1900 TX: 1850.2 ~ 1909.8 MHz; RX: 1930.2 ~ 1989.8 MHz
 UMTS-FDD Band V TX: 826.4 ~ 846.6 MHz; RX: 871.4 ~ 891.6 MHz
 UMTS-FDD Band II TX:1852.4 ~ 1907.6 MHz;

| | |
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RX: 1932.4 ~ 1987.6 MHz

WIFI:802.11b/g/n(20M): 2412-2472 MHz

WIFI:802.11n(40M): 2422-2462 MHz

Bluetooth& BLE: 2402-2480 MHz

LTE Band 2 TX: 1852.5 ~ 1907.5 MHz; RX : 1932.5 ~ 1987.5 MHz

LTE Band 4 TX: 1712.5 ~ 1752.5 MHz; RX : 2112.5 ~ 2152.5 MHz

LTE Band 5 TX: 826.5 ~ 846.5 MHz; RX : 871.5 ~ 891.5 MHz

LTE Band 7 TX: 2502.5 ~ 2567.5 MHz; RX : 2622.5 ~ 2687.5 MHz

GPS RX:1575.42 MHz

Battery:

Model:A5007

Standard Voltage:DC3.7V

Rated Capacity:2200mAh,8.14Wh

Adapter:

Model:N/A

Input: AC100-240V; 50/60Hz; 0.15A

Output: DC 5.0V,1A

Input Power:

Port:

Power Port, Earphone Port, USB Port

GPRS/EGPRS Multi-slot class

8/10/12

Trade Name :

Bmobile

FCC ID:

ZSW-30-020

5. Test Summary

The product was tested in accordance with the following specifications.

All testing has been performed according to below product classification:

| FCC Rules | Description of Test | Result |
|---------------------------|-----------------------------------|------------|
| §15.107; ANSI C63.4: 2014 | AC Power Line Conducted Emissions | Compliance |
| §15.109; ANSI C63.4: 2014 | Radiated Emissions | Compliance |

Measurement Uncertainty

| Emissions | | |
|---|---|---------------|
| Test Item | Description | Uncertainty |
| Band Edge and Radiated Spurious Emissions | Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m) | +5.6dB/-4.5dB |
| - | - | - |

6. Measurements, Examination And Derived Results

6.1 AC Power Line Conducted Emissions

| | |
|----------------------|-------------------|
| Temperature | 22°C |
| Relative Humidity | 51% |
| Atmospheric Pressure | 1009mbar |
| Test date : | November 09, 2015 |
| Tested By : | Winnie Zhang |

Requirement(s):

| Spec | Item | Requirement | Applicable | | | | | | | | | | | | | | |
|---------------------------|--------------|--|---|--------------|--|----|---------|------------|---------|---------|---------|----|----|--------|----|----|--|
| 47CFR§15.107 | a) | For Low-power radio-frequency devices that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 [mu] H/50 ohms line impedance stabilization network (LISN). The lower limit applies at the boundary between the frequencies ranges. |  | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | <table><tr><th rowspan="2">Frequency ranges (MHz)</th><th colspan="2">Limit (dBµV)</th></tr><tr><th>QP</th><th>Average</th></tr><tr><td>0.15 ~ 0.5</td><td>66 – 56</td><td>56 – 46</td></tr><tr><td>0.5 ~ 5</td><td>56</td><td>46</td></tr><tr><td>5 ~ 30</td><td>60</td><td>50</td></tr></table> | Frequency ranges (MHz) | Limit (dBµV) | | QP | Average | 0.15 ~ 0.5 | 66 – 56 | 56 – 46 | 0.5 ~ 5 | 56 | 46 | 5 ~ 30 | 60 | 50 | |
| Frequency ranges (MHz) | Limit (dBµV) | | | | | | | | | | | | | | | | |
| | QP | Average | | | | | | | | | | | | | | | |
| 0.15 ~ 0.5 | 66 – 56 | 56 – 46 | | | | | | | | | | | | | | | |
| 0.5 ~ 5 | 56 | 46 | | | | | | | | | | | | | | | |
| 5 ~ 30 | 60 | 50 | | | | | | | | | | | | | | | |

| | |
|------------|---|
| Test Setup |  <p>Note: 1.Support units were connected to second LISN. 2.Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.</p> |
|------------|---|

| | |
|-----------|--|
| Procedure | <ol style="list-style-type: none"> The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m x 1m x 0.8m high, non-metallic table. The power supply for the EUT was fed through a 50Ω /50mH EUT LISN, connected to filtered mains. |
|-----------|--|

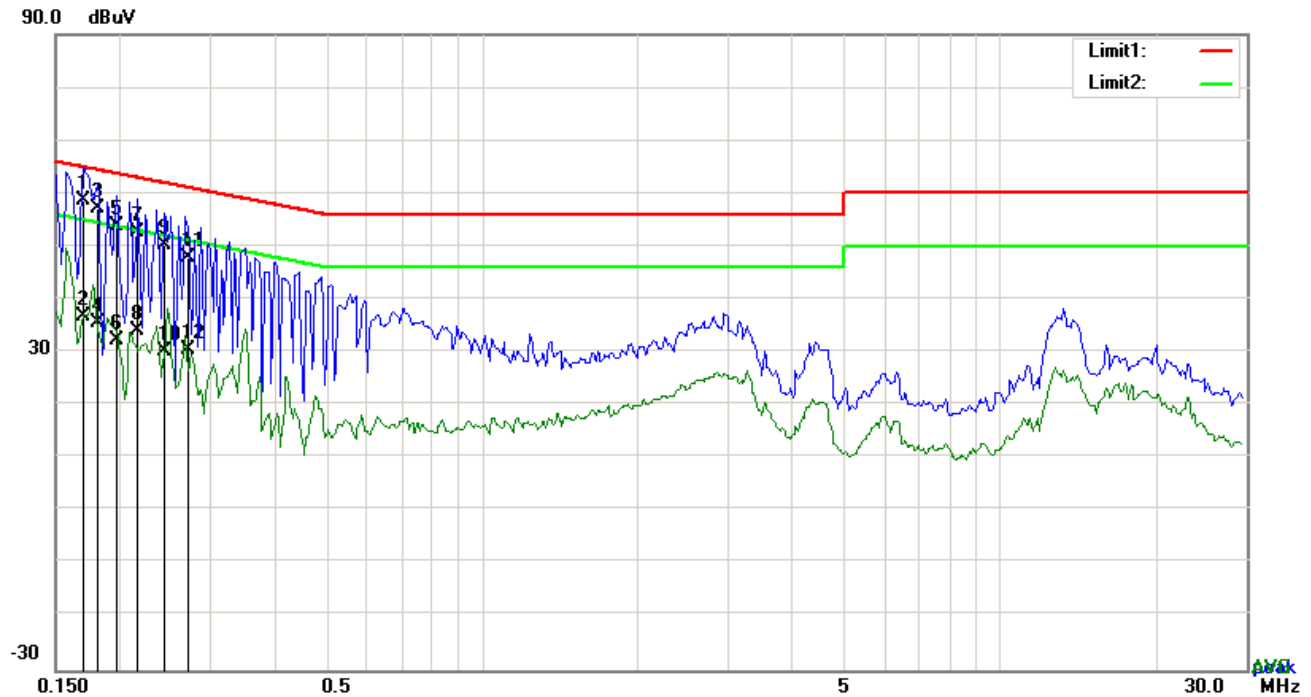
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| | |
|--------|---|
| | <p>3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable.</p> <p>4. All other supporting equipment were powered separately from another main supply.</p> <p>5. The EUT was switched on and allowed to warm up to its normal operating condition.</p> <p>6. A scan was made on the NEUTRAL line (for AC mains) or Earth line (for DC power) over the required frequency range using an EMI test receiver.</p> <p>7. High peaks, relative to the limit line, The EMI test receiver was then tuned to the selected frequencies and the necessary measurements made with a receiver bandwidth setting of 10 kHz.</p> <p>8. Step 7 was then repeated for the LIVE line (for AC mains) or DC line (for DC power).</p> |
| Remark | |
| Result | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |

Test Data ☒ Yes ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

Test Mode 1 : USB Mode

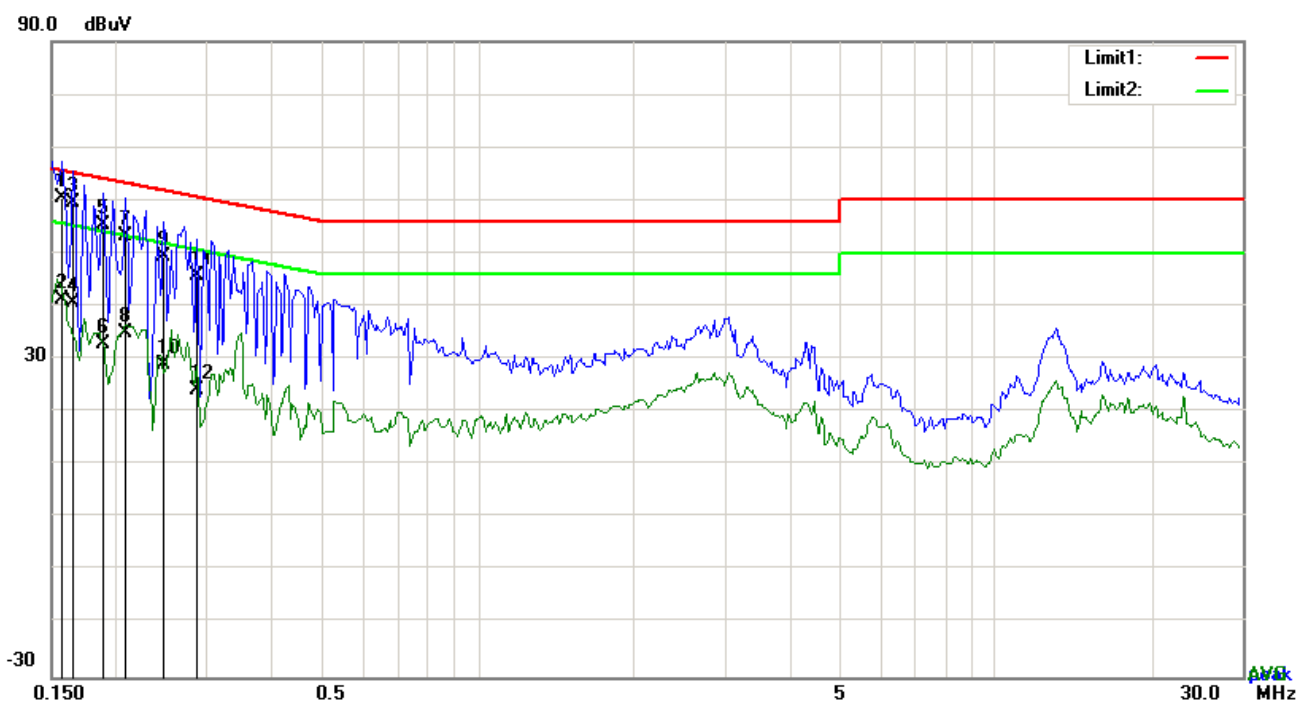


Test Data

Phase Line Plot at 120Vac, 60Hz

| No. | P/L | Frequency | Reading | Detector | Corrected | Result | Limit | Margin |
|-----|-----|-----------|---------|----------|-----------|--------|--------|--------|
| | | (MHz) | (dBuV) | | (dB} | (dBuV) | (dBuV) | (dB) |
| 1 | L1 | 0.1695 | 48.75 | QP | 10.03 | 58.78 | 64.98 | -6.20 |
| 2 | L1 | 0.1695 | 26.64 | AVG | 10.03 | 36.67 | 54.98 | -18.31 |
| 3 | L1 | 0.1812 | 47.18 | QP | 10.03 | 57.21 | 64.43 | -7.22 |
| 4 | L1 | 0.1812 | 25.41 | AVG | 10.03 | 35.44 | 54.43 | -18.99 |
| 5 | L1 | 0.1968 | 43.97 | QP | 10.03 | 54.00 | 63.74 | -9.74 |
| 6 | L1 | 0.1968 | 22.21 | AVG | 10.03 | 32.24 | 53.74 | -21.50 |
| 7 | L1 | 0.2163 | 42.52 | QP | 10.03 | 52.55 | 62.96 | -10.41 |
| 8 | L1 | 0.2163 | 24.07 | AVG | 10.03 | 34.10 | 52.96 | -18.86 |
| 9 | L1 | 0.2436 | 40.37 | QP | 10.03 | 50.40 | 61.97 | -11.57 |
| 10 | L1 | 0.2436 | 20.16 | AVG | 10.03 | 30.19 | 51.97 | -21.78 |
| 11 | L1 | 0.2709 | 37.88 | QP | 10.03 | 47.91 | 61.09 | -13.18 |
| 12 | L1 | 0.2709 | 20.36 | AVG | 10.03 | 30.39 | 51.09 | -20.70 |

Test Mode : USB Mode

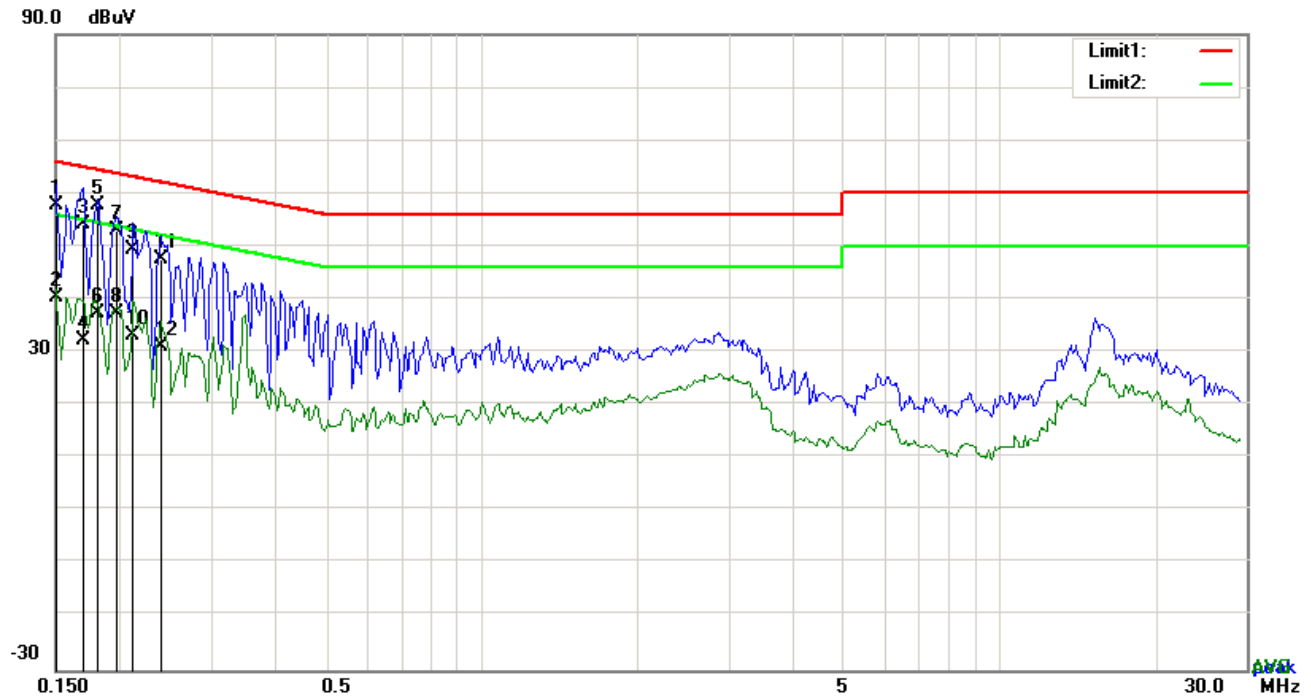


Test Data

Phase Neutral Plot at 120Vac, 60Hz

| No. | P/L | Frequency | Reading | Detector | Corrected | Result | Limit | Margin |
|-----|-----|-----------|---------|----------|-----------|--------|--------|--------|
| | | (MHz) | (dBuV) | | (dB} | (dBuV) | (dBuV) | (dB) |
| 1 | N | 0.1578 | 50.52 | QP | 10.02 | 60.54 | 65.58 | -5.04 |
| 2 | N | 0.1578 | 31.32 | AVG | 10.02 | 41.34 | 55.58 | -14.24 |
| 3 | N | 0.1656 | 49.51 | QP | 10.02 | 59.53 | 65.18 | -5.65 |
| 4 | N | 0.1656 | 30.64 | AVG | 10.02 | 40.66 | 55.18 | -14.52 |
| 5 | N | 0.1890 | 45.29 | QP | 10.02 | 55.31 | 64.08 | -8.77 |
| 6 | N | 0.1890 | 22.83 | AVG | 10.02 | 32.85 | 54.08 | -21.23 |
| 7 | N | 0.2085 | 43.23 | QP | 10.02 | 53.25 | 63.26 | -10.01 |
| 8 | N | 0.2085 | 24.85 | AVG | 10.02 | 34.87 | 53.26 | -18.39 |
| 9 | N | 0.2475 | 39.38 | QP | 10.02 | 49.40 | 61.84 | -12.44 |
| 10 | N | 0.2475 | 19.08 | AVG | 10.02 | 29.10 | 51.84 | -22.74 |
| 11 | N | 0.2865 | 35.78 | QP | 10.02 | 45.80 | 60.63 | -14.83 |
| 12 | N | 0.2865 | 14.23 | AVG | 10.02 | 24.25 | 50.63 | -26.38 |

Test Mode : USB Mode

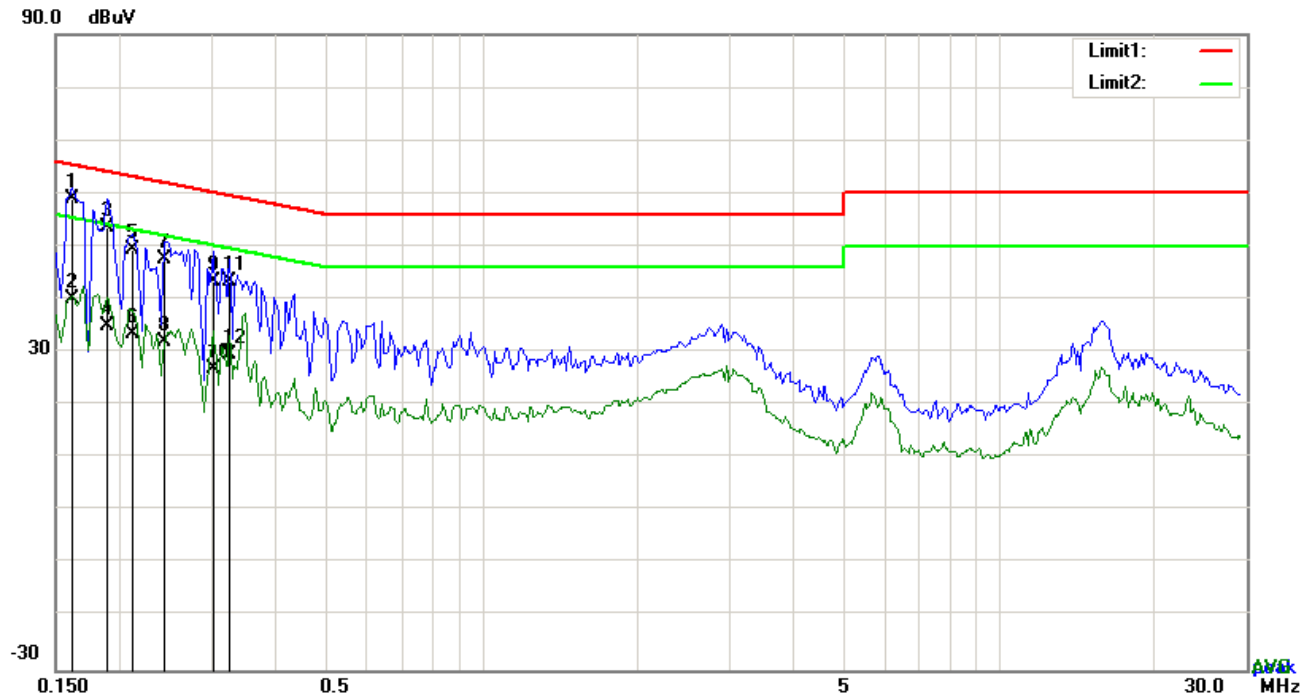


Test Data

Phase Line Plot at 240Vac, 60Hz

| No. | P/L | Frequency | Reading | Detector | Corrected | Result | Limit | Margin |
|-----|-----|-----------|---------|----------|-----------|--------|--------|--------|
| | | (MHz) | (dBuV) | | (dB} | (dBuV) | (dBuV) | (dB) |
| 1 | L1 | 0.1500 | 47.67 | QP | 10.03 | 57.70 | 66.00 | -8.30 |
| 2 | L1 | 0.1500 | 30.44 | AVG | 10.03 | 40.47 | 56.00 | -15.53 |
| 3 | L1 | 0.1695 | 44.11 | QP | 10.03 | 54.14 | 64.98 | -10.84 |
| 4 | L1 | 0.1695 | 22.32 | AVG | 10.03 | 32.35 | 54.98 | -22.63 |
| 5 | L1 | 0.1812 | 47.85 | QP | 10.03 | 57.88 | 64.43 | -6.55 |
| 6 | L1 | 0.1812 | 27.41 | AVG | 10.03 | 37.44 | 54.43 | -16.99 |
| 7 | L1 | 0.1968 | 42.96 | QP | 10.03 | 52.99 | 63.74 | -10.75 |
| 8 | L1 | 0.1968 | 27.47 | AVG | 10.03 | 37.50 | 53.74 | -16.24 |
| 9 | L1 | 0.2124 | 39.39 | QP | 10.03 | 49.42 | 63.11 | -13.69 |
| 10 | L1 | 0.2124 | 23.00 | AVG | 10.03 | 33.03 | 53.11 | -20.08 |
| 11 | L1 | 0.2397 | 37.49 | QP | 10.03 | 47.52 | 62.11 | -14.59 |
| 12 | L1 | 0.2397 | 21.07 | AVG | 10.03 | 31.10 | 52.11 | -21.01 |

Test Mode : USB Mode



Test Data

Phase Neutral Plot at 240Vac, 60Hz

| No. | P/L | Frequency | Reading | Detector | Corrected | Result | Limit | Margin |
|-----|-----|-----------|---------|----------|-----------|--------|--------|--------|
| | | (MHz) | (dBuV) | | (dB} | (dBuV) | (dBuV) | (dB) |
| 1 | N | 0.1617 | 48.80 | QP | 10.02 | 58.82 | 65.38 | -6.56 |
| 2 | N | 0.1617 | 30.08 | AVG | 10.02 | 40.10 | 55.38 | -15.28 |
| 3 | N | 0.1890 | 43.54 | QP | 10.02 | 53.56 | 64.08 | -10.52 |
| 4 | N | 0.1890 | 24.98 | AVG | 10.02 | 35.00 | 54.08 | -19.08 |
| 5 | N | 0.2124 | 39.22 | QP | 10.02 | 49.24 | 63.11 | -13.87 |
| 6 | N | 0.2124 | 23.48 | AVG | 10.02 | 33.50 | 53.11 | -19.61 |
| 7 | N | 0.2436 | 37.58 | QP | 10.02 | 47.60 | 61.97 | -14.37 |
| 8 | N | 0.2436 | 21.91 | AVG | 10.02 | 31.93 | 51.97 | -20.04 |
| 9 | N | 0.3021 | 33.39 | QP | 10.02 | 43.41 | 60.18 | -16.77 |
| 10 | N | 0.3021 | 16.96 | AVG | 10.02 | 26.98 | 50.18 | -23.20 |
| 11 | N | 0.3255 | 33.20 | QP | 10.02 | 43.22 | 59.57 | -16.35 |
| 12 | N | 0.3255 | 19.65 | AVG | 10.02 | 29.67 | 49.57 | -19.90 |

6.2 Radiated Emissions

| | |
|----------------------|-------------------|
| Temperature | 22°C |
| Relative Humidity | 51% |
| Atmospheric Pressure | 1009mbar |
| Test date : | November 09, 2015 |
| Tested By : | Winnie Zhang |

Requirement(s):

| Spec | Item | Requirement | Applicable | |
|-----------------|------|---|--|-----------------------|
| 47CFR§15.109(d) | a) | Except higher limit as specified elsewhere in other section, the emissions from the low-power radio-frequency devices shall not exceed the field strength levels specified in the following table and the level of any unwanted emissions shall not exceed the level of the fundamental emission. The tighter limit applies at the band edges | <div><input checked="" type="checkbox"/></div> | |
| | | Frequency range (MHz) | | Field Strength (µV/m) |
| | | 30 – 88 | | 100 |
| | | 88 – 216 | | 150 |
| | | 216 960 | | 200 |
| | | Above 960 | | 500 |

| | |
|------------|--|
| Test Setup | |
|------------|--|

| | |
|-----------|--|
| Procedure | <ol style="list-style-type: none"> The EUT was switched on and allowed to warm up to its normal operating condition. The test was carried out at the selected frequency points obtained from the EUT characterization. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: <ol style="list-style-type: none"> Vertical or horizontal polarization (whichever gave the higher emission level |
|-----------|--|

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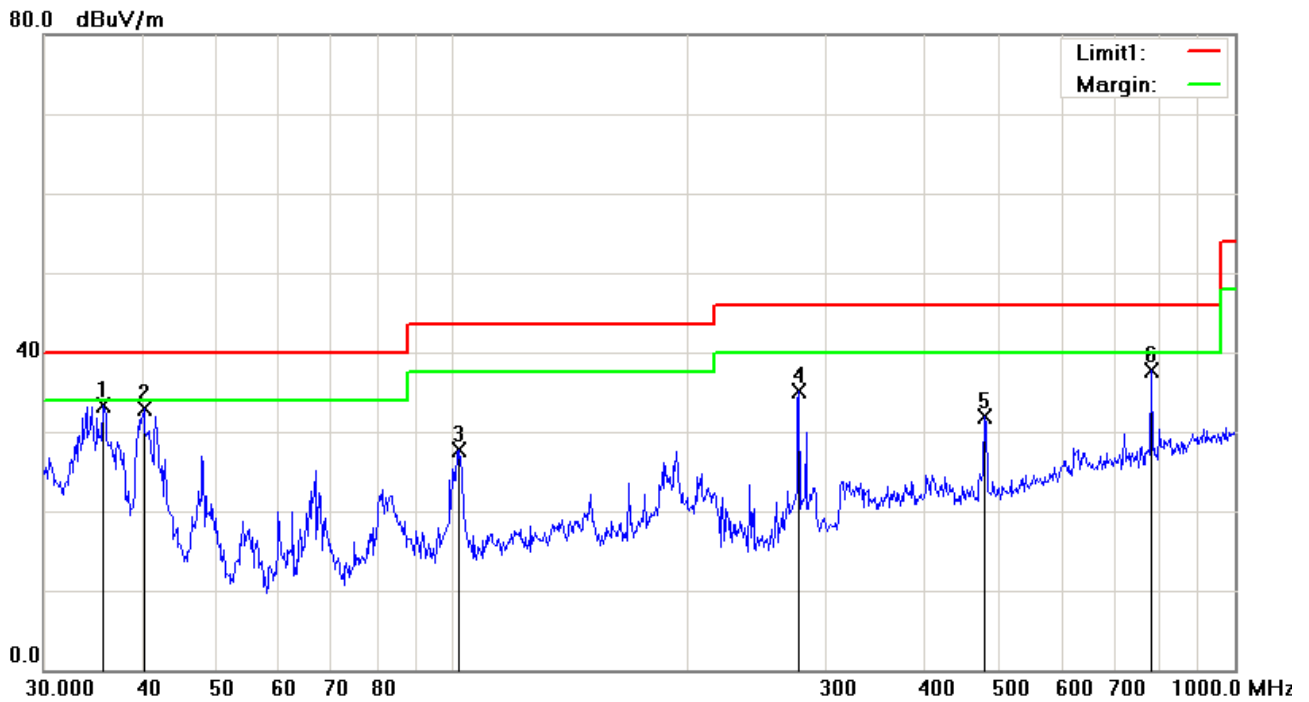
| | |
|--------|--|
| | <p>over a full rotation of the EUT) was chosen.</p> <p>b. The EUT was then rotated to the direction that gave the maximum emission.</p> <p>c. Finally, the antenna height was adjusted to the height that gave the maximum emission.</p> <p>3. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi Peak detection at frequency below 1GHz.</p> <p>4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz with Peak detection for Peak measurement at frequency above 1GHz.</p> <p>The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth with Peak detection for Average Measurement as below at frequency above 1GHz.</p> <p>■ 1 kHz (Duty cycle < 98%) □ 10 Hz (Duty cycle > 98%)</p> <p>5. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured.</p> |
| Remark | |
| Result | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |

Test Data ☒ Yes ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

Test Mode 1: USB Mode

Below 1GHz

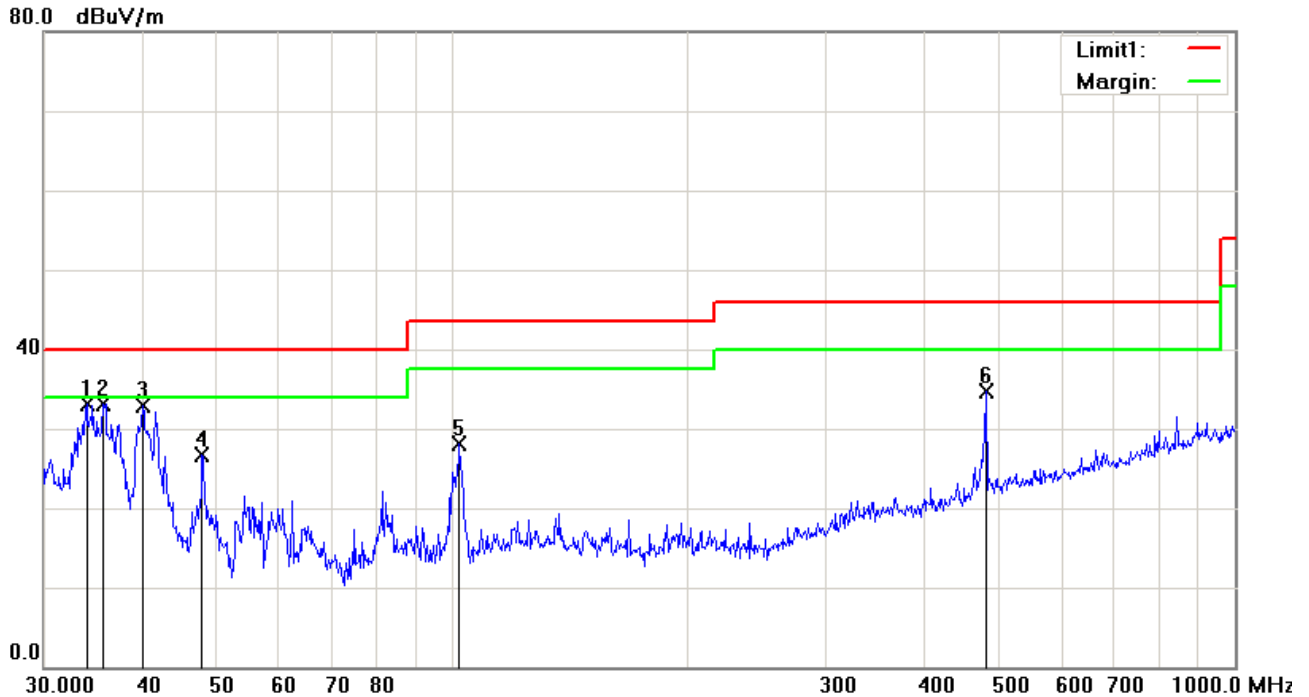


Test Data

Horizontal Polarity Plot @3m

| No. | P/L | Frequency | Reading | Detector | Corrected | Result | Limit | Margin | Height | Degree |
|-----|-----|-----------|----------|----------|-----------|----------|----------|--------|--------|--------|
| | | (MHz) | (dBuV/m) | | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | () |
| 1 | H | 35.7491 | 37.71 | peak | -4.49 | 33.22 | 40.00 | -6.78 | 100 | 310 |
| 2 | H | 40.2757 | 40.58 | peak | -7.77 | 32.81 | 40.00 | -7.19 | 100 | 291 |
| 3 | H | 102.0014 | 38.06 | peak | -10.44 | 27.62 | 43.50 | -15.88 | 100 | 29 |
| 4 | H | 277.0935 | 43.07 | peak | -7.95 | 35.12 | 46.00 | -10.88 | 100 | 10 |
| 5 | H | 478.8456 | 34.23 | peak | -2.27 | 31.96 | 46.00 | -14.04 | 100 | 0 |
| 6 | H | 782.3453 | 34.80 | peak | 2.93 | 37.73 | 46.00 | -8.27 | 100 | 261 |

Below 1GHz



Test Data

Vertical Polarity Plot @3m

| No. | P/L | Frequency | Reading | Detector | Corrected | Result | Limit | Margin | Height | Degree |
|-----|-----|-----------|----------|----------|-----------|----------|----------|--------|--------|--------|
| | | (MHz) | (dBuV/m) | | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | (cm) | () |
| 1 | V | 34.0365 | 36.41 | peak | -3.24 | 33.17 | 40.00 | -6.83 | 100 | 57 |
| 2 | V | 35.7491 | 37.68 | peak | -4.49 | 33.19 | 40.00 | -6.81 | 100 | 334 |
| 3 | V | 40.1347 | 40.68 | peak | -7.68 | 33.00 | 40.00 | -7.00 | 100 | 109 |
| 4 | V | 47.8260 | 38.99 | peak | -12.20 | 26.79 | 40.00 | -13.21 | 100 | 173 |
| 5 | V | 102.0014 | 38.49 | peak | -10.44 | 28.05 | 43.50 | -15.45 | 100 | 241 |
| 6 | V | 480.5276 | 36.94 | peak | -2.23 | 34.71 | 46.00 | -11.29 | 100 | 218 |

Above 1GHz

| Frequency (MHz) | Amplitude (dBμV/m) | Azimuth | Height (cm) | Polarity (H/V) | Factors (dB) | Limit (dBμV/m) | Margin (dB) | Detector (PK/AV) |
|-----------------|--------------------|---------|-------------|----------------|--------------|----------------|-------------|------------------|
| 1477.23 | 52.37 | 52 | 158 | V | -23.72 | 74 | -21.63 | PK |
| 2320.1 | 54.23 | 132 | 158 | V | -21.33 | 74 | -19.77 | PK |
| 1635.45 | 54.93 | 82 | 176 | V | -25.73 | 74 | -19.07 | PK |
| 2357.26 | 54.63 | 77 | 212 | H | -22.95 | 74 | -19.37 | PK |
| 2937.11 | 54.97 | 167 | 203 | H | -21.77 | 74 | -19.03 | PK |
| 1897.56 | 51.72 | 61 | 173 | H | -22.39 | 74 | -22.28 | PK |

Note1: The highest frequency of the EUT is 2480 MHz, so the testing has been conformed to $5 \times 2480 \text{ MHz} = 12,400 \text{ MHz}$.

Note2: The frequency that above 3GHz is mainly from the environment noise.

Note3: The AV measurement performed, more than 20dB below limit so AV test data was not presented.

Annex A. TEST INSTRUMENT

| Instrument | Model | Serial # | Cal Date | Cal Due | In use |
|---|----------|------------|------------|------------|-------------------------------------|
| AC Line Conducted Emissions | | | | | |
| EMI test receiver | ESCS30 | 8471241027 | 09/17/2015 | 09/16/2016 | <input checked="" type="checkbox"/> |
| Line Impedance Stabilization Network | LI-125A | 191106 | 09/25/2015 | 09/24/2016 | <input checked="" type="checkbox"/> |
| Line Impedance Stabilization Network | LI-125A | 191107 | 09/25/2015 | 09/24/2016 | <input checked="" type="checkbox"/> |
| LISN | ISN T800 | 34373 | 09/25/2015 | 09/24/2016 | <input checked="" type="checkbox"/> |
| Transient Limiter | LIT-153 | 531118 | 09/01/2015 | 08/31/2016 | <input checked="" type="checkbox"/> |
| Radiated Emissions | | | | | |
| EMI test receiver | ESL6 | 100262 | 09/17/2015 | 09/16/2016 | <input checked="" type="checkbox"/> |
| OPT 010 AMPLIFIER (0.1-1300MHz) | 8447E | 2727A02430 | 09/01/2015 | 08/31/2016 | <input checked="" type="checkbox"/> |
| Microwave Preamplifier (1 ~ 26.5GHz) | 8449B | 3008A02402 | 03/25/2015 | 03/24/2016 | <input checked="" type="checkbox"/> |
| Bilog Antenna (30MHz~6GHz) | JB6 | A110712 | 09/21/2015 | 09/20/2016 | <input checked="" type="checkbox"/> |
| Double Ridge Horn Antenna | AH-118 | 71259 | 09/24/2015 | 09/23/2016 | <input checked="" type="checkbox"/> |

Annex B. EUT And Test Setup Photographs

Annex B.i. Photograph: EUT External Photo

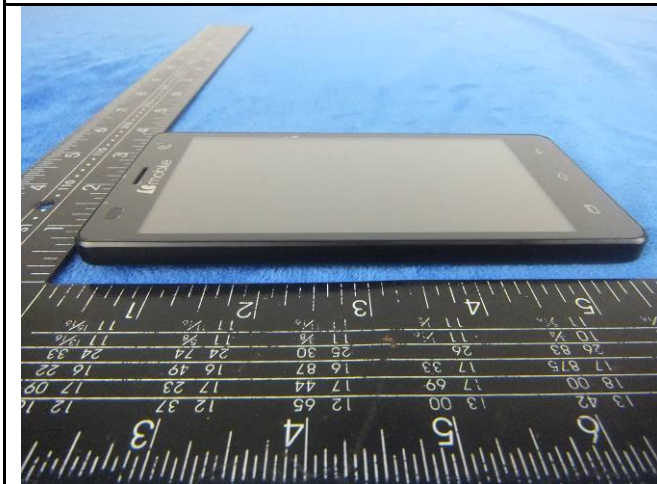




EUT - Top View



EUT - Bottom View



EUT - Left View



EUT - Right View

Annex B.ii. Photograph: EUT Internal Photo



Cover Off - Top View 1



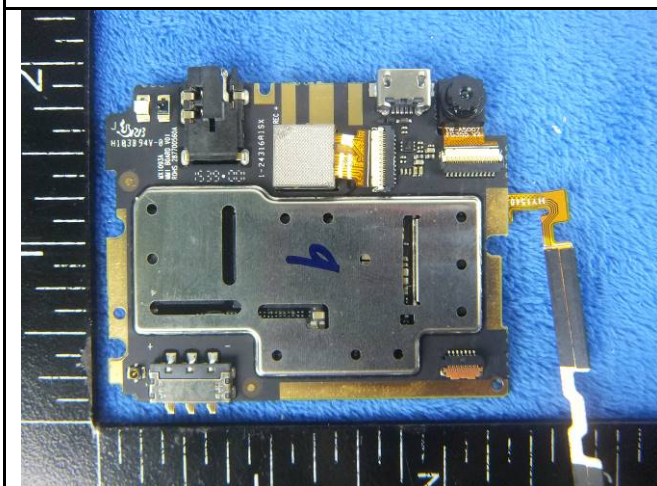
Cover Off - Top View 2



Battery - Top View



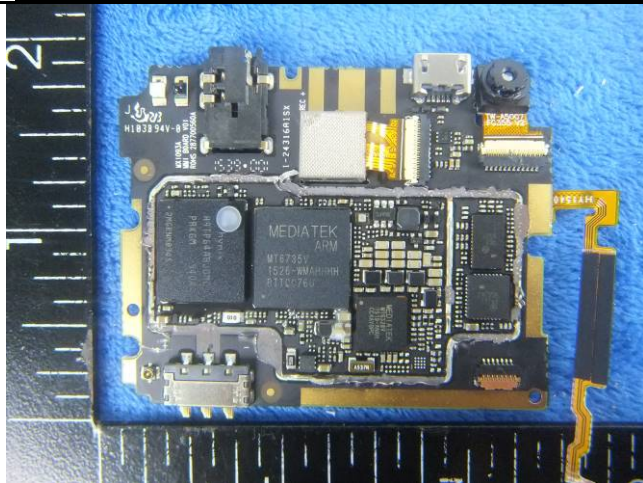
Battery - Bottom View



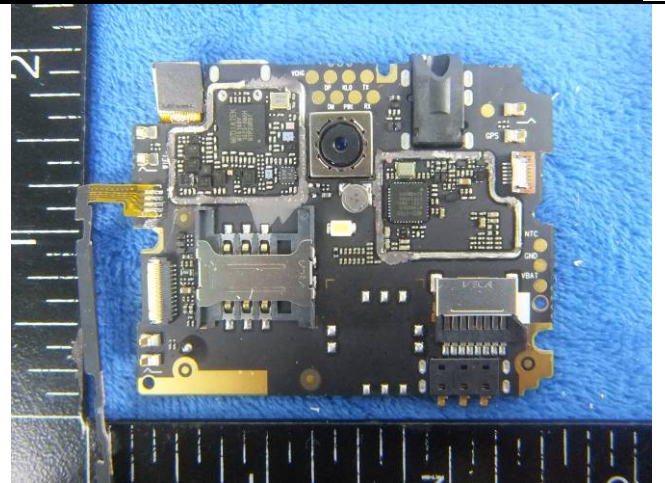
Mainboard with Shielding - Front View



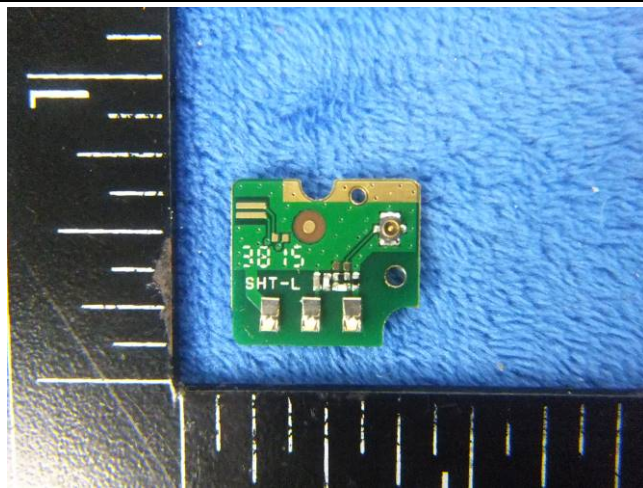
Mainboard with Shielding - Rear View



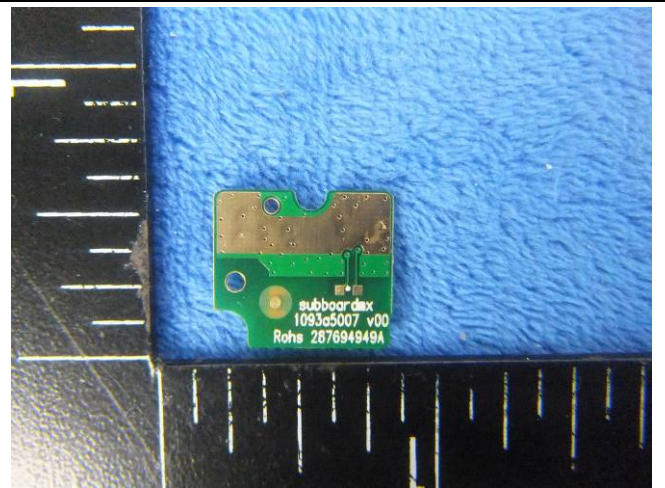
Mainboard without shielding - Front View



Mainboard without Shielding - Rear View



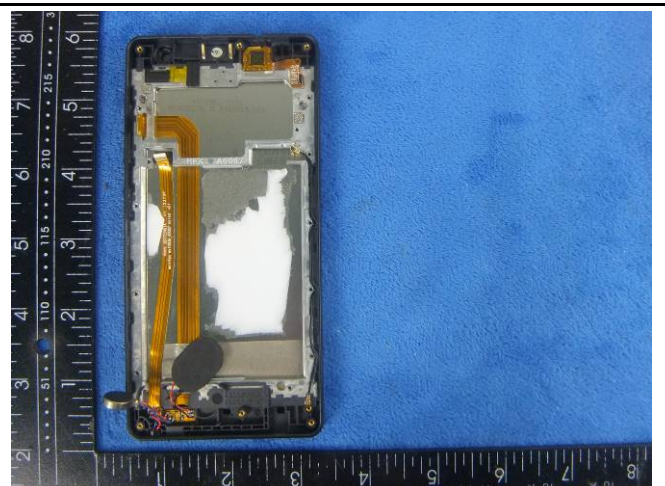
Small Board-Front View



Small Board-Rear View



LCD - Front View



LCD - Rear View



GSM/PCS/UMTS-FDD Antenna View



WIFI/BT/BLE - Antenna View



GPS - Antenna View



LTE- Antenna View

Annex B.iii. Photograph: Test Setup Photo



Conducted Emissions Test Setup – Front View



Conducted Emissions Test Setup – Side View



Radiated Spurious Emissions Test Setup Below 1GHz

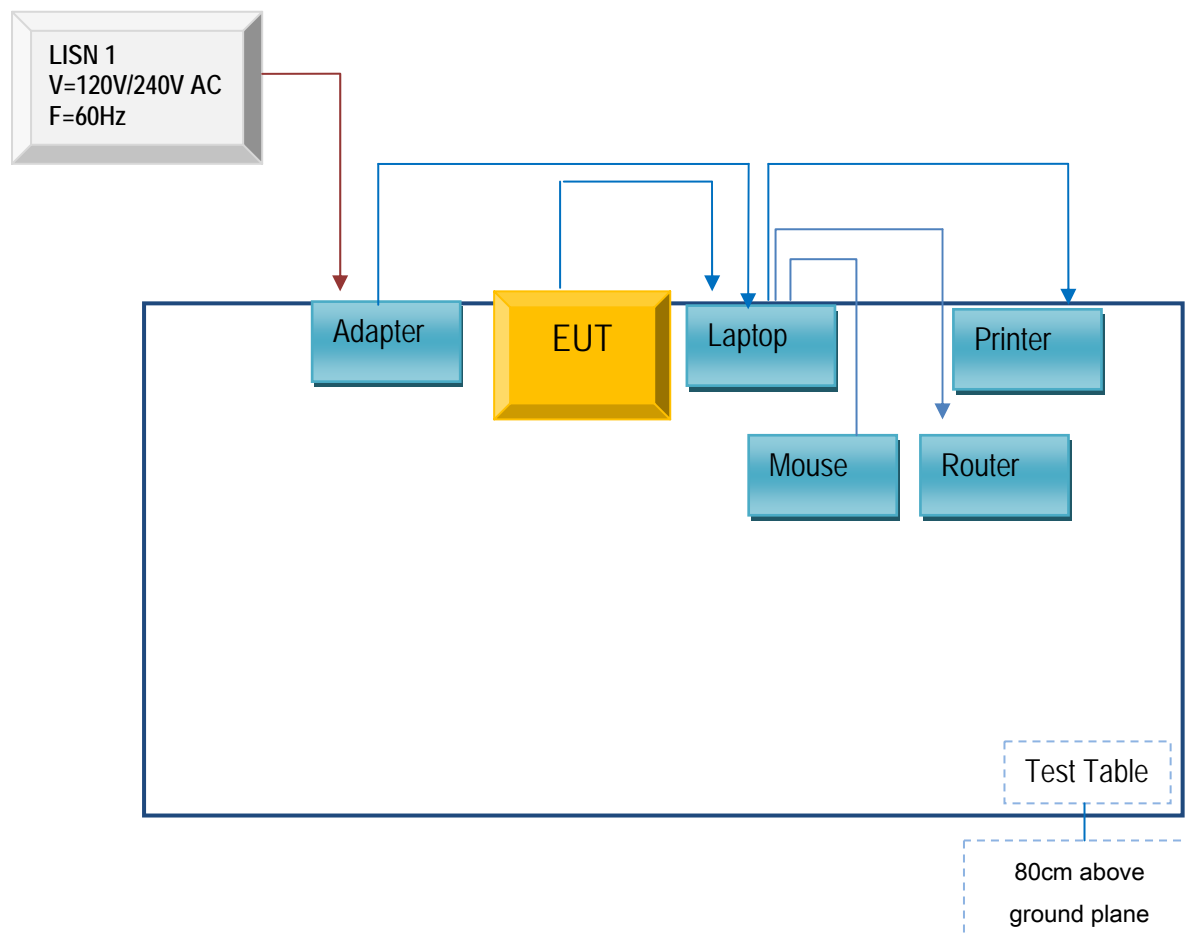


Radiated Spurious Emissions Test Setup Above
1GHz

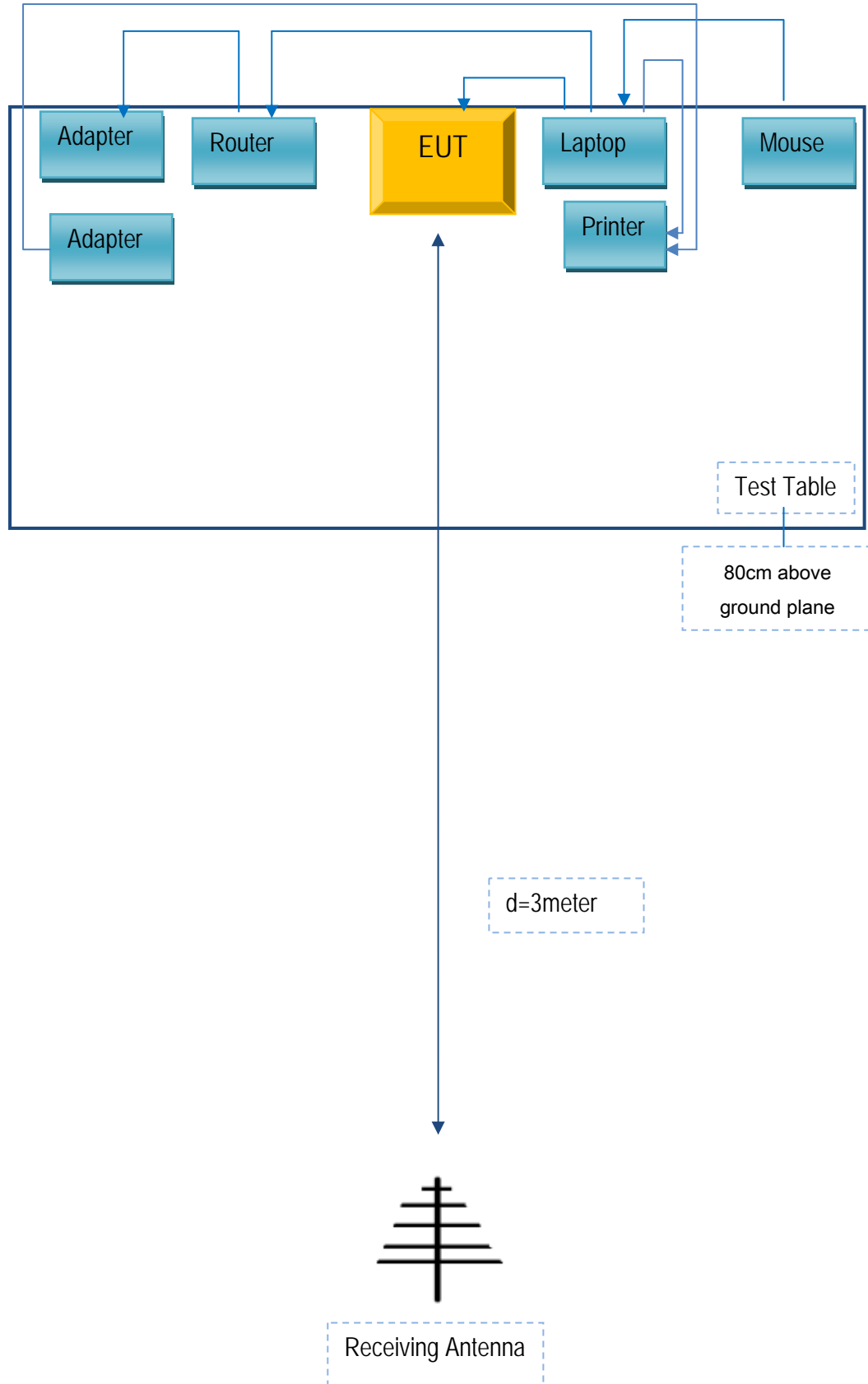
Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

Annex C.ii. TEST SET UP BLOCK

Block Configuration Diagram for Conducted Emissions



Block Configuration Diagram for Radiated Emissions



Annex C. ii. SUPPORTING and CABLE EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Supporting Equipment:

| Manufacturer | Equipment Description | Model | Calibration Date | Calibration Due Date |
|--------------|-----------------------|--------------|------------------|----------------------|
| Lenovo | Lenovo Laptop | E40& 0579A52 | N/A | N/A |
| GOLDWEB | Router | R102 | N/A | N/A |
| HP | Printer | VCVRA-1003 | N/A | N/A |
| DELL | Mouse | E100 | N/A | N/A |

Supporting Cable:

| Cable type | Shield Type | Ferrite Core | Length | Calibration Date | Calibration Due Date |
|---------------------|--------------|--------------|--------|------------------|----------------------|
| USB Cable | Un-shielding | No | 2m | N/A | N/A |
| RJ45 Cable | Un-shielding | No | 2m | N/A | N/A |
| Router Power cable | Un-shielding | No | 2m | N/A | N/A |
| Printer Power cable | Un-shielding | No | 2m | N/A | N/A |

| | |
|-------------|----------------|
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| | |
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Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see Attachment

Annex E. DECLARATION OF SIMILARITY

b Mobile HK Limited

To SIEMIC Inc
775 Montague Expressway
Milpitas, CA 95035.

Statement

We, b Mobile HK Limited apply a multiple-listing certification for the below models.

Product Name: Mobile phone

Model number: AX1050/AX1065/AX1055

FCC ID: ZSW-30-020

We hereby state that these models are identical in interior structure, electrical circuits and components, and just model name is different for the marketing requirement.

Your assistance on this matter is highly appreciated.

For and on behalf of
b mobile HK Limited

Sincerely,.....
Authorized Signature(s)
Name: KA SHING LAM
Title: Director
Signature: