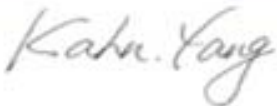
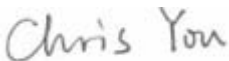


# EMC TEST REPORT



Report No.: 15070275-FCC-E

Supersede Report No.: N/A

|                                                                                                                                      |                                                                                     |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Applicant                                                                                                                            | Social Mobile Telecommunications                                                    |                                                                                       |
| Product Name                                                                                                                         | GSM PHONE                                                                           |                                                                                       |
| Model No.                                                                                                                            | SM401                                                                               |                                                                                       |
| Serial No.                                                                                                                           | Companion                                                                           |                                                                                       |
| Test Standard                                                                                                                        | FCC Part 15 Subpart B Class B:2014, ANSI C63.4: 2014                                |                                                                                       |
| Test Date                                                                                                                            | April 24 to May 12, 2015                                                            |                                                                                       |
| Issue Date                                                                                                                           | May 20, 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"/>                                                             |                                                                                     |                                                                                       |
|                                                   |  |  |
| Kahn Yang<br>Test Engineer                                                                                                           | Chris You<br>Checked By                                                             |                                                                                       |
| This test report may be reproduced in full only<br>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

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

### 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   |
|----------------|----------------|-------------|--------------|
| 15070275-FCC-E | NONE           | Original    | May 20, 2015 |
|                |                |             |              |
|                |                |             |              |
|                |                |             |              |
|                |                |             |              |
|                |                |             |              |

## 2. Customer information

|                  |                                                 |
|------------------|-------------------------------------------------|
| Applicant Name   | Social Mobile Telecommunications                |
| Applicant Add    | 16400 NW 2nd Ave. #201 Miami, Florida 33169     |
| Manufacturer     | SMT TELECOMM HK LIMITED                         |
| Manufacturer Add | Unit C 8/F, CHARMHILL CTR 50 HILLWOOD RD TST KL |

## 3. Test site information

|                      |                                                                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Lab performing tests | SIEMIC (Shenzhen-China) LABORATORIES                                                                                                         |
| Lab Address          | Zone A, Floor 1, Building 2 Wan Ye Long Technology Park<br>South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong<br>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:           | GSM PHONE                                                                                                                                      |
| Main Model:                   | SM401                                                                                                                                          |
| Serial Model:                 | Companion                                                                                                                                      |
| Date EUT received:            | April 23, 2015                                                                                                                                 |
| Test Date(s):                 | April 24 to May 12, 2015                                                                                                                       |
| Equipment Category :          | JBP                                                                                                                                            |
| Antenna Gain:                 | GSM850: -0.9 dBi<br>PCS1900: -0.7 dBi<br>Bluetooth: -1.2dBi                                                                                    |
| Type of Modulation:           | GSM / GPRS: GMSK<br>Bluetooth: GFSK, $\pi$ /4DQPSK, 8DPSK                                                                                      |
| RF Operating Frequency (ies): | GSM850 TX: 824.2 ~ 848.8 MHz; RX: 869.2 ~ 893.8 MHz<br>PCS1900 TX: 1850.2 ~ 1909.8 MHz; RX: 1930.2 ~ 1989.8 MHz<br>Bluetooth: 2402-2480 MHz    |
| Number of Channels:           | GSM 850: 124CH<br>PCS1900: 299CH<br>Bluetooth: 79CH                                                                                            |
| Port:                         | Power Port, Earphone Port, USB Port                                                                                                            |
| Input Power:                  | Battery:<br>Model: SM401<br>Spec: 3.7V 600mAh<br>Charger Max Voltage:4.2V<br>Adapter:<br>Model: SM401<br>Input: AC 100-240V; 50/60Hz 0.15A Max |

|             |                |
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Output: DC 5.0V;500mA

|                       |            |
|-----------------------|------------|
| Trade Name :          | Companion  |
| GPRS Multi-slot class | 8/10/12    |
| FCC ID:               | 2ACLMSM401 |

## 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 |
| -                                         | -                                                                                                                                               | -             |

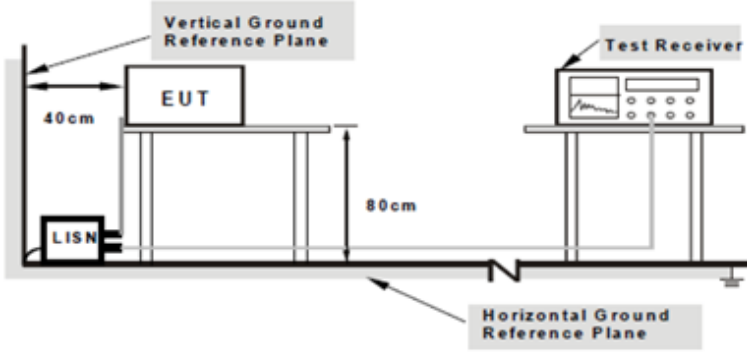
## 6. Measurements, Examination And Derived Results

### 6.1 AC Power Line Conducted Emissions

|                      |                |
|----------------------|----------------|
| Temperature          | 26°C           |
| Relative Humidity    | 55%            |
| Atmospheric Pressure | 1009mbar       |
| Test date :          | April 24, 2015 |
| Tested By :          | Kahn Yang      |

#### 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. |  |              |  |    |         |            |         |         |         |    |    |        |    |    |  |
|                           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                       |              |  |    |         |            |         |         |         |    |    |        |    |    |  |
|                           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                       |              |  |    |         |            |         |         |         |    |    |        |    |    |  |
|                           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                       |              |  |    |         |            |         |         |         |    |    |        |    |    |  |
|                           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                       |              |  |    |         |            |         |         |         |    |    |        |    |    |  |
|                           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                       |              |  |    |         |            |         |         |         |    |    |        |    |    |  |
|                           |              | <table><tr><th rowspan="2">Frequency ranges<br/>(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<br>(MHz)                                                             | Limit (dBµV) |  | QP | Average | 0.15 ~ 0.5 | 66 – 56 | 56 – 46 | 0.5 ~ 5 | 56 | 46 | 5 ~ 30 | 60 | 50 |  |
| Frequency ranges<br>(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.<br/>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"> <li>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.</li> <li>The power supply for the EUT was fed through a 50W/50mH EUT LISN, connected to filtered mains.</li> </ol> |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

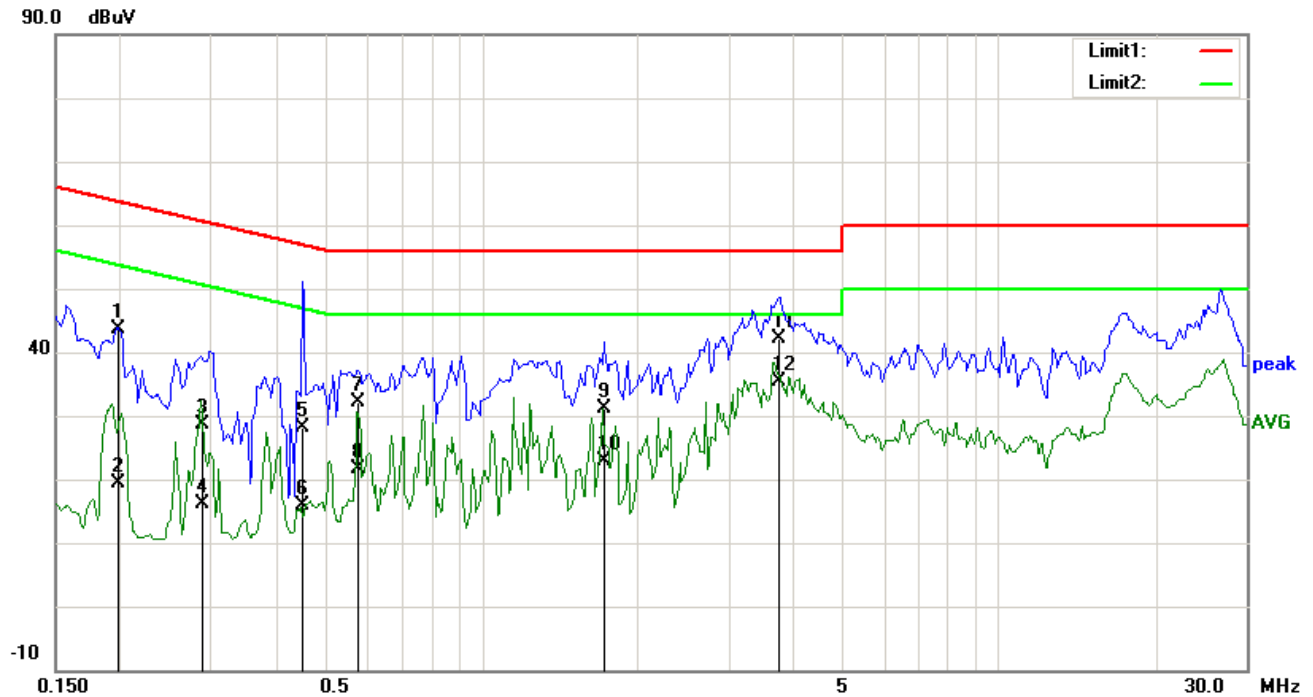
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|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <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

|                     |                 |
|---------------------|-----------------|
| <b>Test Mode 1:</b> | <b>USB Mode</b> |
|---------------------|-----------------|

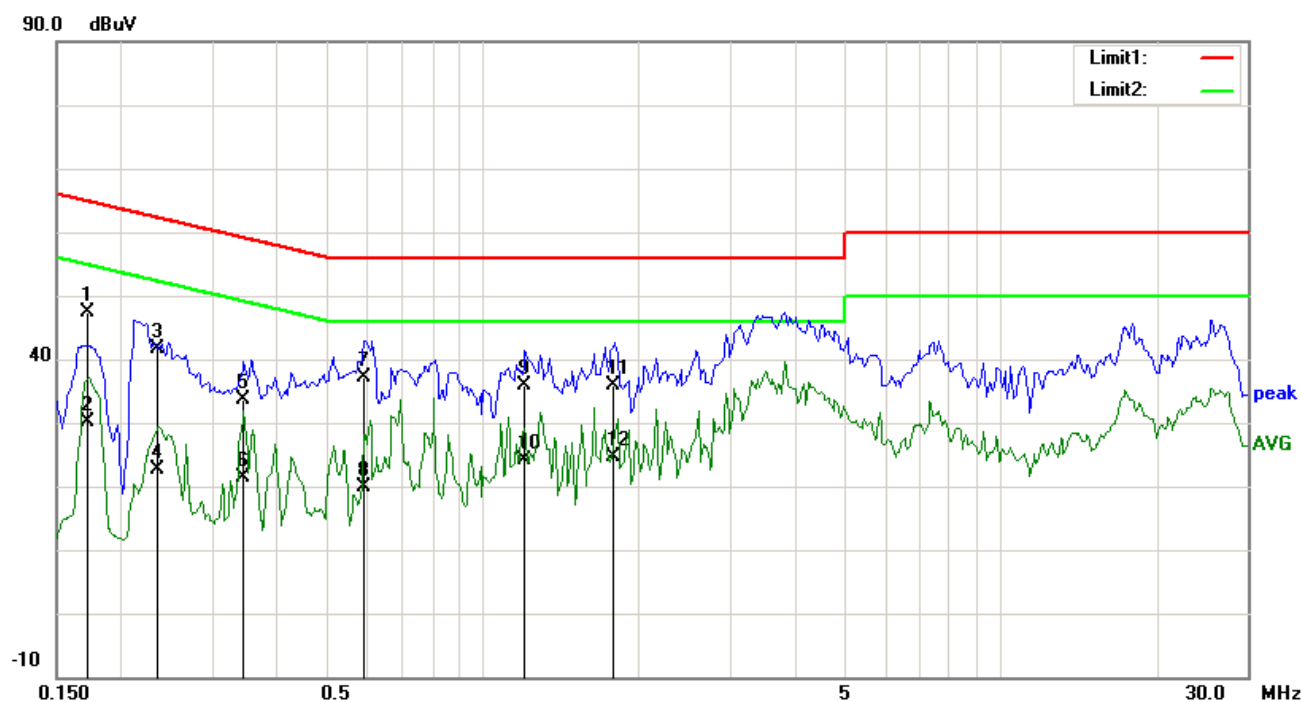


**Test Data**

Phase Line Plot at 120Vac, 60Hz

| No. | P/L | Frequency | Reading | Detector | Corrected | Result | Limit  | Margin | Comment |
|-----|-----|-----------|---------|----------|-----------|--------|--------|--------|---------|
|     |     | (MHz)     | (dBuV)  |          | (dB}      | (dBuV) | (dBuV) | (dB)   |         |
| 1   | L1  | 0.1986    | 30.66   | QP       | 13.02     | 43.68  | 63.67  | -19.99 |         |
| 2   | L1  | 0.1986    | 6.47    | AVG      | 13.02     | 19.49  | 53.67  | -34.18 |         |
| 3   | L1  | 0.2878    | 15.98   | QP       | 12.69     | 28.67  | 60.59  | -31.92 |         |
| 4   | L1  | 0.2878    | 3.47    | AVG      | 12.69     | 16.16  | 50.59  | -34.43 |         |
| 5   | L1  | 0.4508    | 16.02   | QP       | 12.08     | 28.10  | 56.86  | -28.76 |         |
| 6   | L1  | 0.4508    | 3.90    | AVG      | 12.08     | 15.98  | 46.86  | -30.88 |         |
| 7   | L1  | 0.5762    | 20.35   | QP       | 11.82     | 32.17  | 56.00  | -23.83 |         |
| 8   | L1  | 0.5762    | 9.90    | AVG      | 11.82     | 21.72  | 46.00  | -24.28 |         |
| 9   | L1  | 1.7253    | 19.67   | QP       | 11.40     | 31.07  | 56.00  | -24.93 |         |
| 10  | L1  | 1.7253    | 11.60   | AVG      | 11.40     | 23.00  | 46.00  | -23.00 |         |
| 11  | L1  | 3.7539    | 30.81   | QP       | 11.40     | 42.21  | 56.00  | -13.79 |         |
| 12  | L1  | 3.7539    | 24.06   | AVG      | 11.40     | 35.46  | 46.00  | -10.54 |         |

**Test Mode 1: USB Mode**



**Test Data**

**Phase Neutral Plot at 120Vac, 60Hz**

| No. | P/L | Frequency | Reading | Detector | Corrected | Result | Limit  | Margin | Comment |
|-----|-----|-----------|---------|----------|-----------|--------|--------|--------|---------|
|     |     | (MHz)     | (dBuV)  |          | (dB)      | (dBuV) | (dBuV) | (dB)   |         |
| 1   | N   | 0.1722    | 34.15   | QP       | 13.12     | 47.27  | 64.85  | -17.58 |         |
| 2   | N   | 0.1722    | 16.95   | AVG      | 13.12     | 30.07  | 54.85  | -24.78 |         |
| 3   | N   | 0.2359    | 28.72   | QP       | 12.88     | 41.60  | 62.24  | -20.64 |         |
| 4   | N   | 0.2359    | 9.77    | AVG      | 12.88     | 22.65  | 52.24  | -29.59 |         |
| 5   | N   | 0.3453    | 21.26   | QP       | 12.47     | 33.73  | 59.07  | -25.34 |         |
| 6   | N   | 0.3453    | 8.89    | AVG      | 12.47     | 21.36  | 49.07  | -27.71 |         |
| 7   | N   | 0.5914    | 25.27   | QP       | 11.81     | 37.08  | 56.00  | -18.92 |         |
| 8   | N   | 0.5914    | 8.14    | AVG      | 11.81     | 19.95  | 46.00  | -26.05 |         |
| 9   | N   | 1.2086    | 24.35   | QP       | 11.43     | 35.78  | 56.00  | -20.22 |         |
| 10  | N   | 1.2086    | 12.59   | AVG      | 11.43     | 24.02  | 46.00  | -21.98 |         |
| 11  | N   | 1.7810    | 24.32   | QP       | 11.50     | 35.82  | 56.00  | -20.18 |         |
| 12  | N   | 1.7810    | 13.07   | AVG      | 11.50     | 24.57  | 46.00  | -21.43 |         |

## 6.2 Radiated Emissions

|                      |              |
|----------------------|--------------|
| Temperature          | 21°C         |
| Relative Humidity    | 53%          |
| Atmospheric Pressure | 1007mbar     |
| Test date :          | May 07, 2015 |
| Tested By :          | Kahn Yang    |

### Requirement(s):

| Spec            | Item | Requirement                                                                                                                                                                                                                                                                                                                                   | Applicable                                                                            |                       |
|-----------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------|
| 47CFR§15.107(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 |  |                       |
|                 |      | 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"> <li>The EUT was switched on and allowed to warm up to its normal operating condition.</li> <li>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"> <li>Vertical or horizontal polarization (whichever gave the higher emission level</li> </ol> </li> </ol> |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|             |                |
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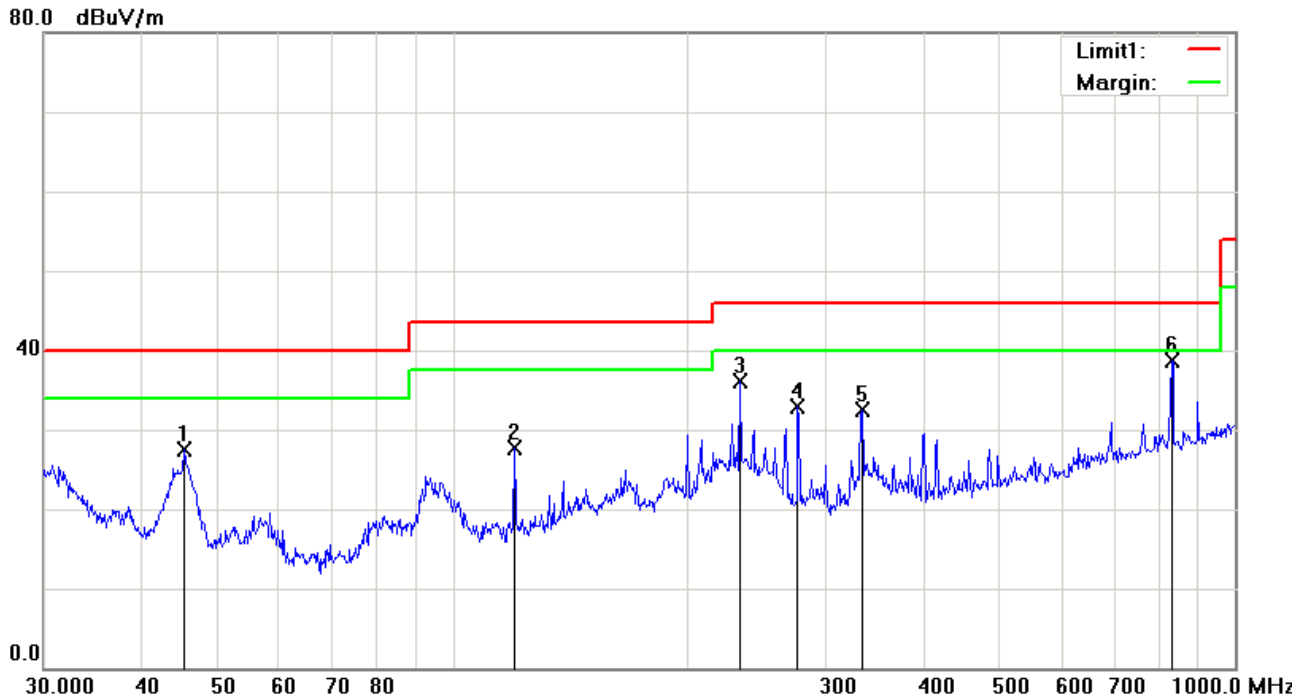
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <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 &lt; 98%) □ 10 Hz (Duty cycle &gt; 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:** USB Mode

### Below 1GHz



### Test Data

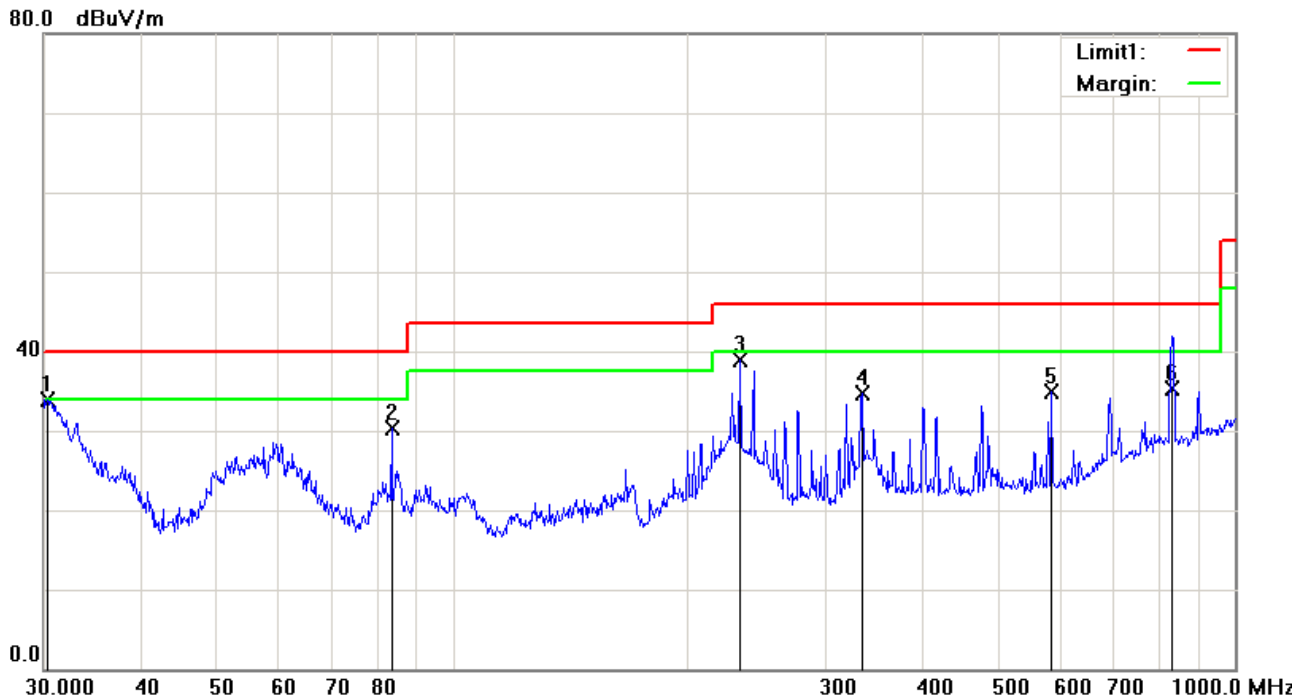
#### Horizontal Polarity Plot @3m

| No. | P/L | Frequency | Reading  | Detector | Corrected | Result   | Limit    | Margin | Height | Degree | Comment |
|-----|-----|-----------|----------|----------|-----------|----------|----------|--------|--------|--------|---------|
|     |     | (MHz)     | (dBuV/m) |          | (dB/m)    | (dBuV/m) | (dBuV/m) | (dB)   | (cm)   | ( )    |         |
| 1   | H   | 45.3755   | 28.91    | peak     | -1.31     | 27.60    | 40.00    | -12.40 | 200    | 154    |         |
| 2   | H   | 119.8556  | 34.98    | peak     | -7.33     | 27.65    | 43.50    | -15.85 | 166    | 360    |         |
| 3   | H   | 232.5318  | 45.11    | peak     | -9.04     | 36.07    | 46.00    | -9.93  | 100    | 100    |         |
| 4   | H   | 276.1236  | 40.91    | peak     | -7.99     | 32.92    | 46.00    | -13.08 | 100    | 261    |         |
| 5   | H   | 333.6867  | 38.38    | peak     | -5.93     | 32.45    | 46.00    | -13.55 | 100    | 205    |         |
| 6   | H   | 830.4002  | 35.10    | peak     | 3.57      | 38.67    | 46.00    | -7.33  | 200    | 248    |         |

### Above 1GHz

Note: The frequency that above 1GHz is mainly from the environment noise.

## Below 1GHz



## Test Data

### Vertical Polarity Plot @3m

| No. | P/L | Frequency | Reading  | Detector | Corrected | Result   | Limit    | Margin | Height | Degree | Comment |
|-----|-----|-----------|----------|----------|-----------|----------|----------|--------|--------|--------|---------|
|     |     | (MHz)     | (dBuV/m) |          | (dB/m)    | (dBuV/m) | (dBuV/m) | (dB)   | (cm)   | ( )    |         |
| 1   | V   | 30.3173   | 35.78    | peak     | -1.81     | 33.97    | 40.00    | -6.03  | 100    | 113    |         |
| 2   | V   | 83.5222   | 44.02    | peak     | -13.76    | 30.26    | 40.00    | -9.74  | 126    | 360    |         |
| 3   | V   | 232.5318  | 46.32    | peak     | -7.46     | 38.86    | 46.00    | -7.14  | 200    | 197    |         |
| 4   | V   | 333.6867  | 40.40    | peak     | -5.63     | 34.77    | 46.00    | -11.23 | 100    | 188    |         |
| 5   | V   | 582.7425  | 36.71    | peak     | -1.72     | 34.99    | 46.00    | -11.01 | 200    | 299    |         |
| 6   | V   | 830.3405  | 31.44    | QP       | 3.82      | 35.26    | 46.00    | -10.74 | 100    | 34     |         |

## Above 1GHz

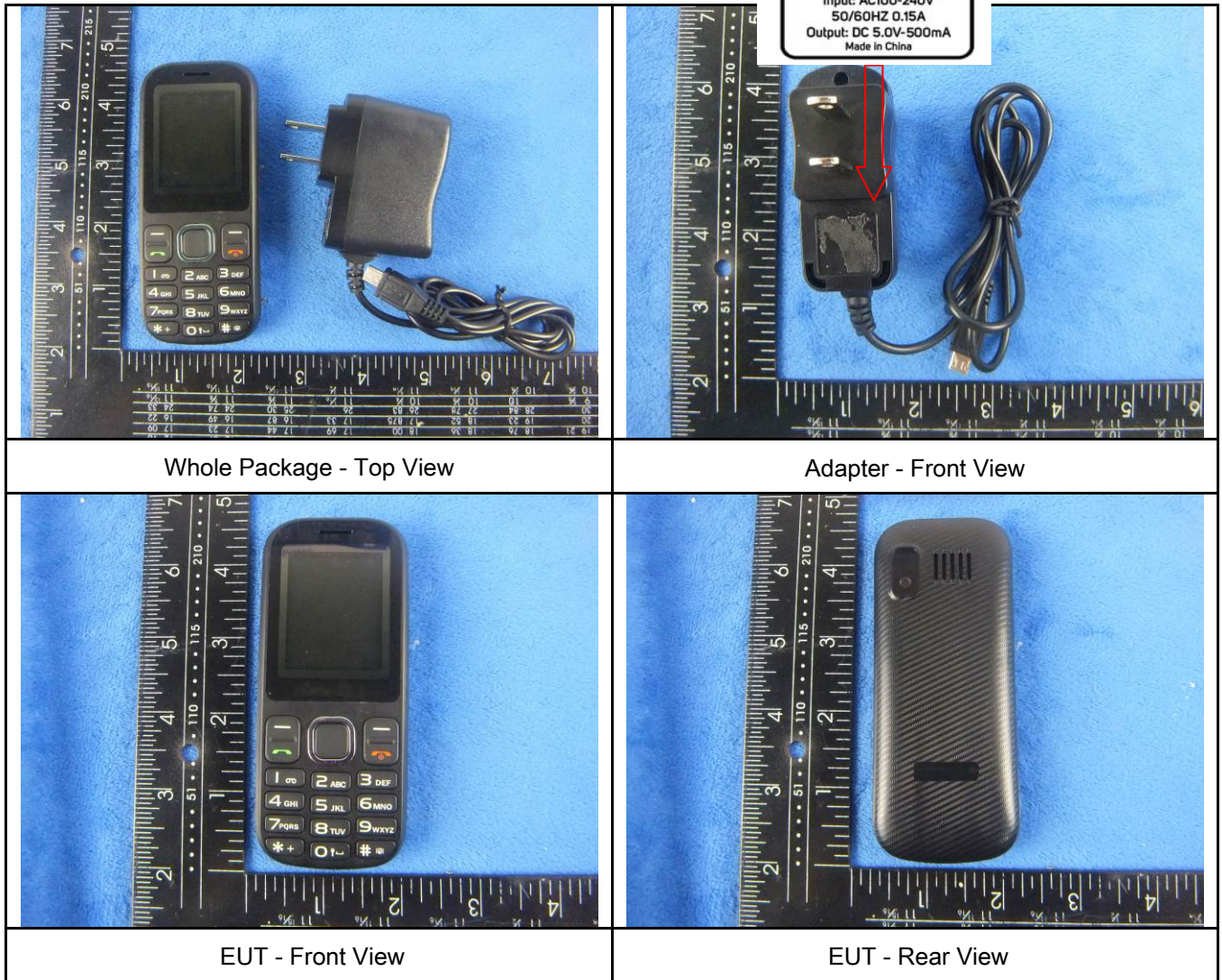
Note: The frequency that above 1GHz is mainly from the environment noise.

## Annex A. TEST INSTRUMENT

| Instrument                              | Model    | Serial #   | Cal Date   | Cal Due    | In use                              |
|-----------------------------------------|----------|------------|------------|------------|-------------------------------------|
| <b>AC Line Conducted Emissions</b>      |          |            |            |            |                                     |
| EMI test receiver                       | ESCS30   | 8471241027 | 09/18/2014 | 09/17/2015 | <input checked="" type="checkbox"/> |
| Line Impedance Stabilization Network    | LI-125A  | 191106     | 09/26/2014 | 09/25/2015 | <input checked="" type="checkbox"/> |
| Line Impedance Stabilization Network    | LI-125A  | 191107     | 09/26/2014 | 09/25/2015 | <input checked="" type="checkbox"/> |
| LISN                                    | ISN T800 | 34373      | 09/26/2014 | 09/25/2015 | <input checked="" type="checkbox"/> |
| Transient Limiter                       | LIT-153  | 531118     | 09/02/2014 | 09/01/2015 | <input checked="" type="checkbox"/> |
| <b>Radiated Emissions</b>               |          |            |            |            |                                     |
| EMI test receiver                       | ESL6     | 100262     | 09/18/2014 | 09/17/2015 | <input checked="" type="checkbox"/> |
| OPT 010 AMPLIFIER<br>(0.1-1300MHz)      | 8447E    | 2727A02430 | 09/02/2014 | 09/01/2015 | <input checked="" type="checkbox"/> |
| Microwave Preamplifier<br>(1 ~ 26.5GHz) | 8449B    | 3008A02402 | 03/25/2015 | 03/24/2016 | <input checked="" type="checkbox"/> |
| Bilog Antenna<br>(30MHz~6GHz)           | JB6      | A110712    | 09/22/2014 | 09/21/2015 | <input checked="" type="checkbox"/> |
| Double Ridge Horn Antenna               | AH-118   | 71259      | 09/25/2014 | 09/24/2015 | <input checked="" type="checkbox"/> |

## Annex B. EUT And Test Setup Photographs

### Annex B.i. Photograph: EUT External Photo





EUT - Top View



EUT - Bottom View

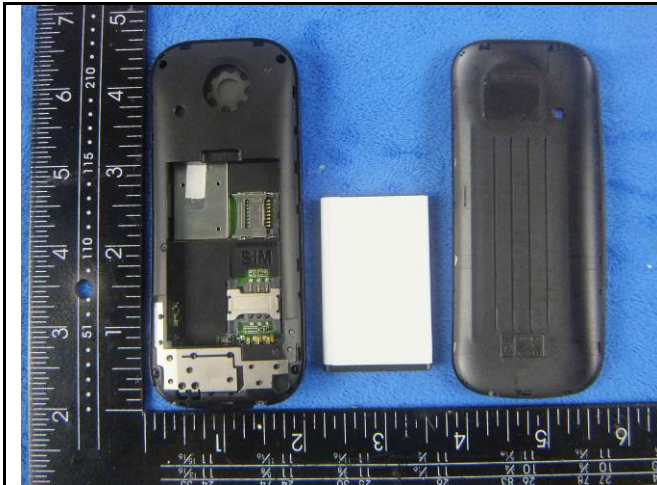


EUT - Left View



EUT - Right View

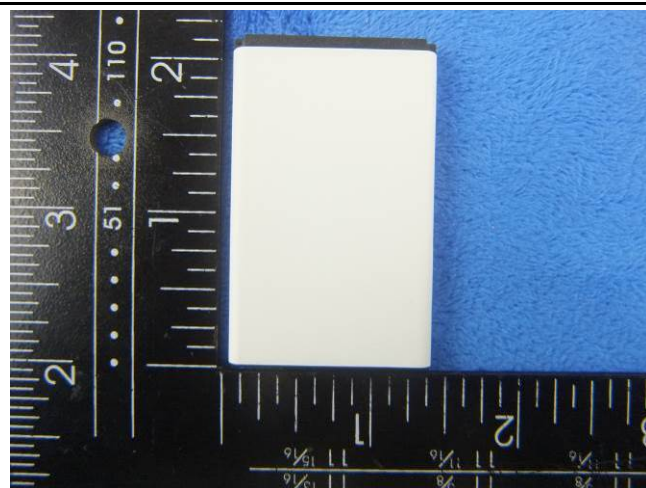
## Annex B.ii. Photograph: EUT Internal Photo



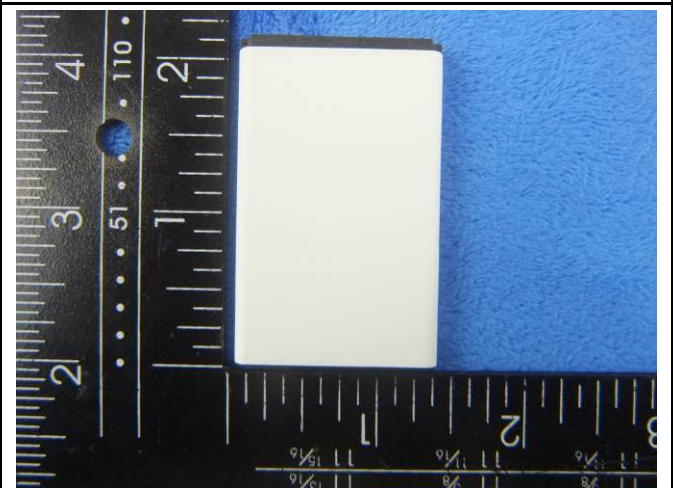
Cover Off - Top View 1



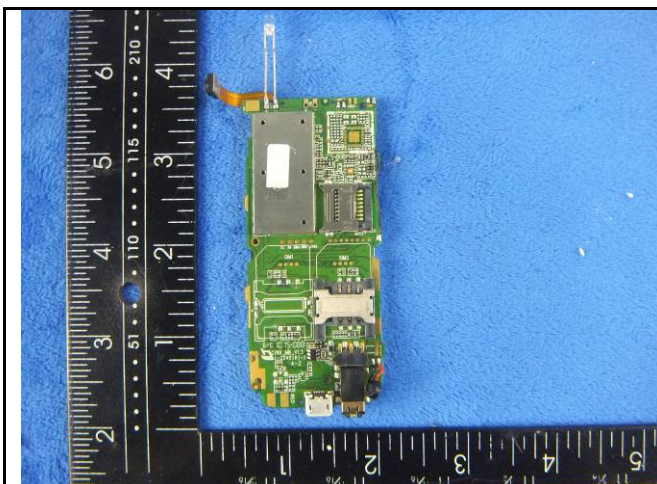
Cover Off - Top View 2



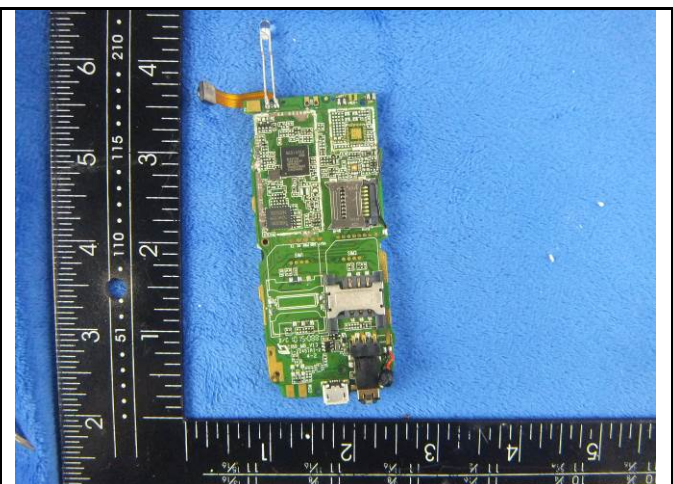
Battery - Top View



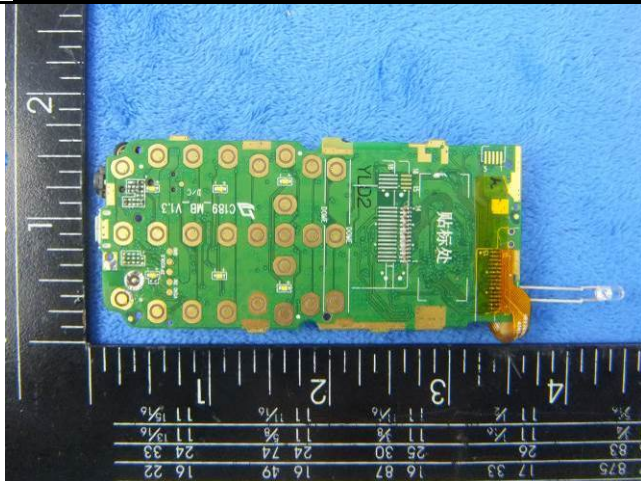
Battery - Bottom View



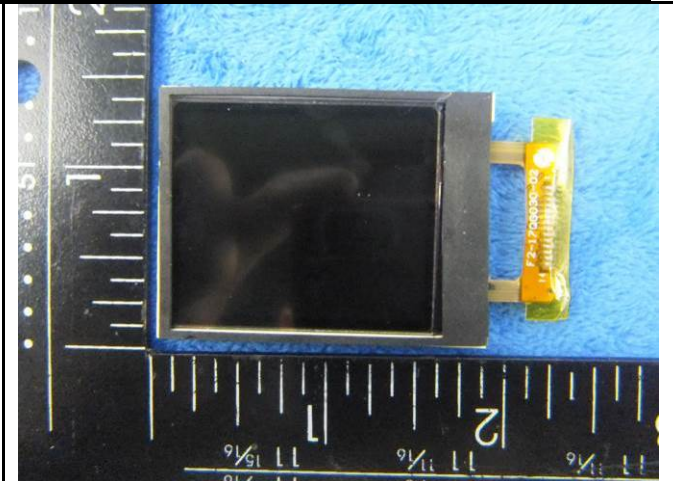
Mainboard With Shielding - Front View



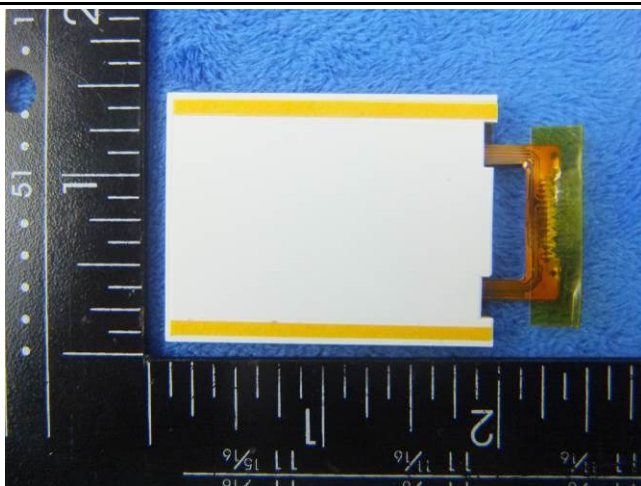
Mainboard Without Shielding - Front View



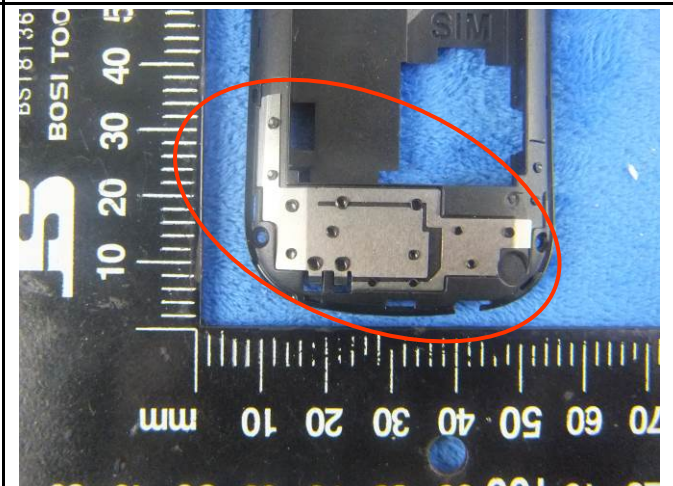
Mainboard - rear View



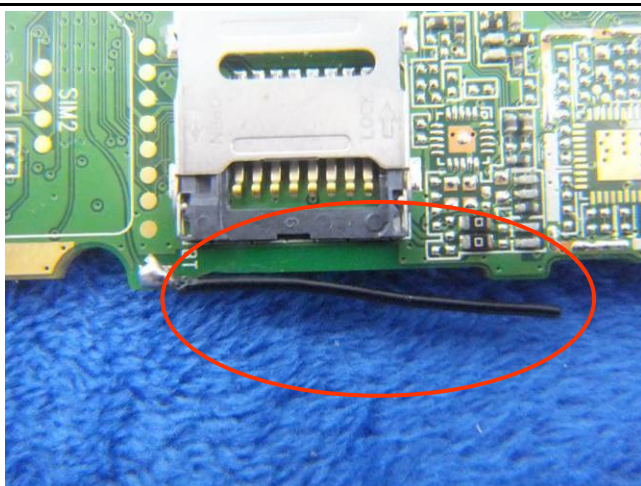
LCD - Front View



LCD - Rear View



GSM Antenna View



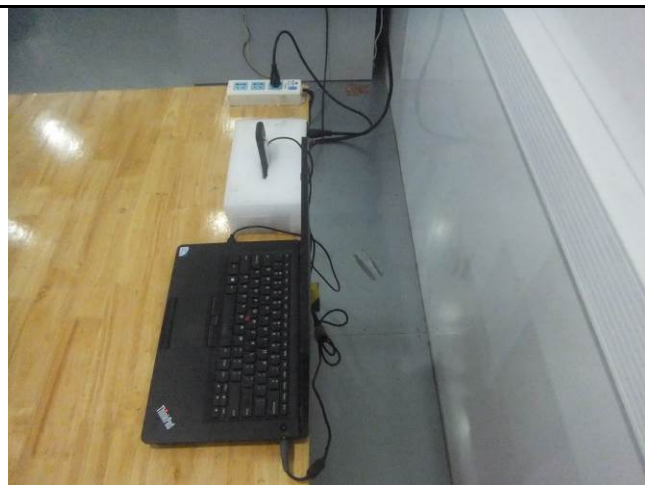
BT - Antenna View

|             |                |
|-------------|----------------|
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### 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

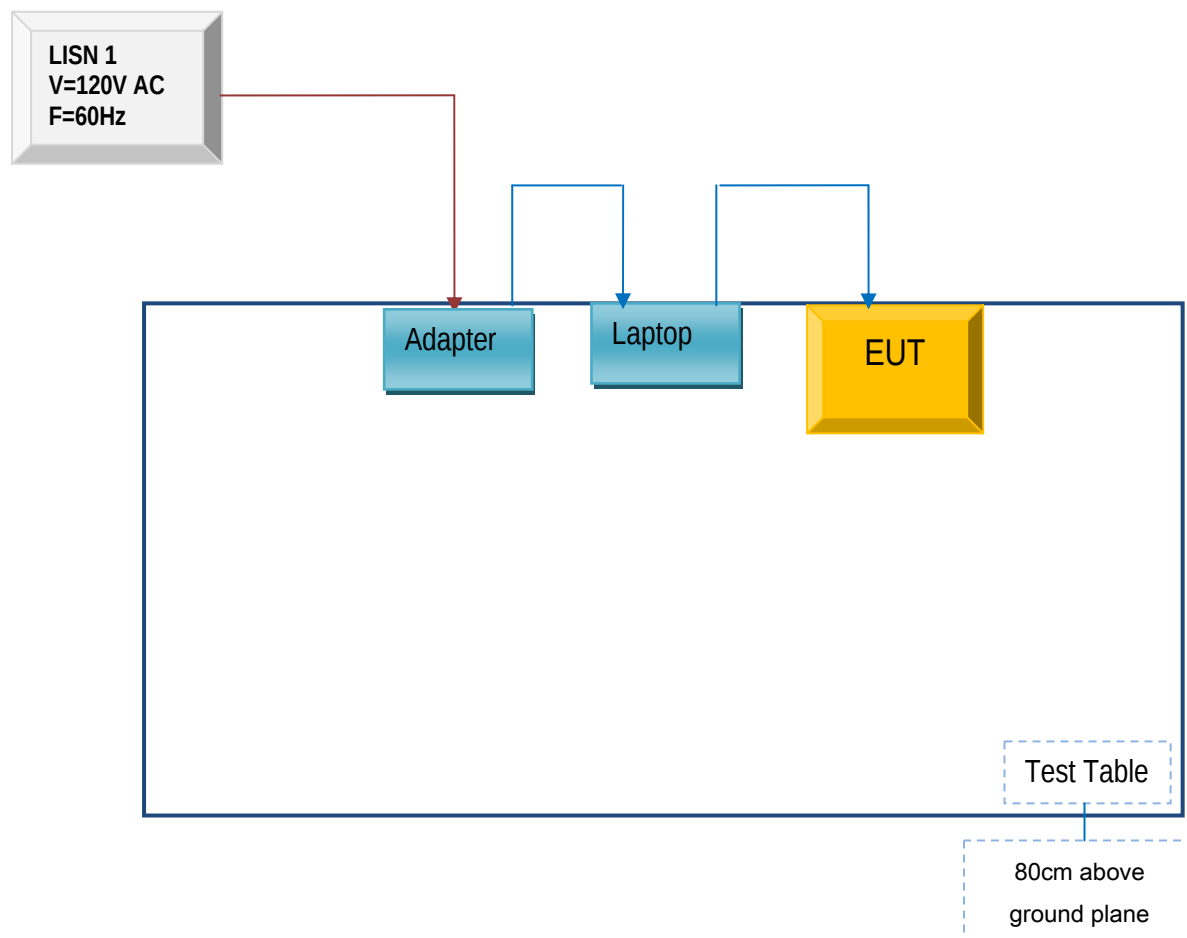


Radiated Spurious Emissions Test Setup Above  
1GHz

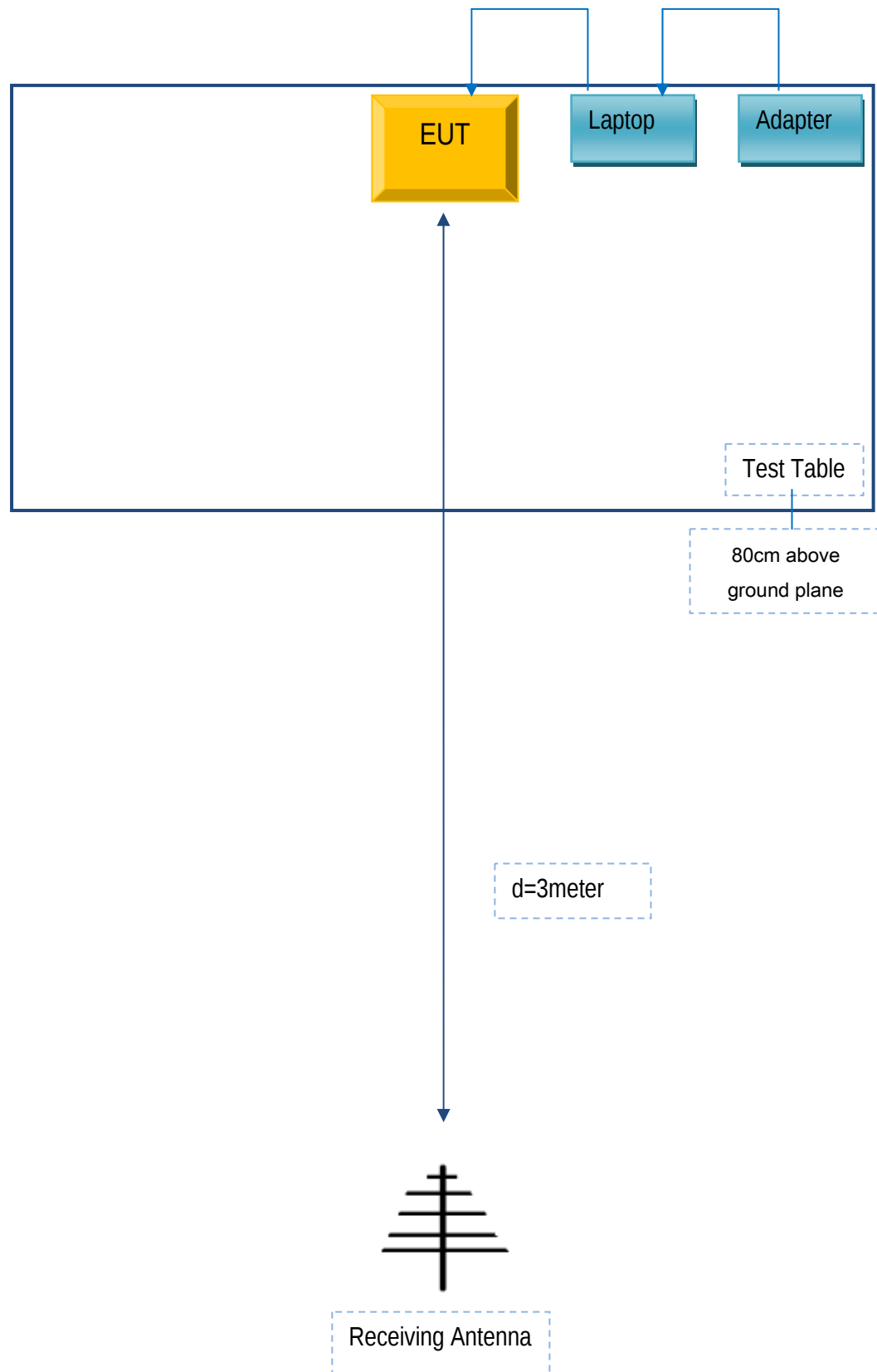
## Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

### Annex C.ii. TEST SET UP BLOCK

#### Block Configuration Diagram for Conducted Emissions



## Block Configuration Diagram for Radiated Emissions



|             |                |
|-------------|----------------|
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| Page        | 25 of 27       |

## **Annex C. ii. SUPPORTING EQUIPMENT DESCRIPTION**

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

| Manufacturer | Equipment Description | Model        | Calibration Date | Calibration Due Date |
|--------------|-----------------------|--------------|------------------|----------------------|
| Lenovo       | Lenovo Laptop         | E40& 0579A52 | N/A              | N/A                  |

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

Please see Attachment

## Annex E. DECLARATION OF SIMILARITY

# Social Mobile Telecommunications

To: SIEMIC ,775 Montague Expressway, Milpitas, CA 95035,USA

## Declaration Letter

Dear Sir,

For our business issue and marketing requirement, we would like to list 2 model numbers on the FCC certificates and reports, as following:

Model No.: SM401, Companion

We declare that, all the model PCB ,Antenna and Appearance shape , accessories are the same . The difference of these is listed as below:

| Main Model No | Serial Model No | Difference           |
|---------------|-----------------|----------------------|
| SM401         | Companion       | Different model name |

Thank you!

Signature:



Printed name/title: Freddy Morcos / Manager

Address: 16400 NW 2nd Ave. #201 Miami, Florida 33169