

# ITEL MOBILE LIMITED

# TEST REPORT

**SCOPE OF WORK**

FCC TESTING— A675L

**REPORT NUMBER**

251205047SZN-002

**ISSUE DATE**

Dec. 22, 2025

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FCC ID 247\_b

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## RF Test Report

**Applicant:** ITEL MOBILE LIMITED

**Address of Applicant:** FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

**Equipment Under Test (EUT)**

**Product Name:** Mobile Phone

**Model No.:** A675L

**Trademark:** itel

**FCC ID:** 2AJMN-A675L

**Applicable Standards:** FCC CFR Title 47 Part 15C (§15.247)

**Date of Test:** Dec. 05, 2025 to Dec. 14, 2025

**Test Result:** PASS

**Prepared and Checked by:**



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**Bruce Zheng**  
**Project Engineer**

**Approved by:**



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**Damon Wang**  
**Team Leader**  
**Date: Dec. 22, 2025**

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**Intertek Testing Service Shenzhen Ltd. Longhua Branch**

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## 1 Version

| Report No.       | Version No. | Description | Issued Date   |
|------------------|-------------|-------------|---------------|
| 251205047SZN-002 | 01          | Original    | Dec. 22, 2025 |
|                  |             |             |               |
|                  |             |             |               |
|                  |             |             |               |
|                  |             |             |               |

## 2 Summary of Test Result

| Test items                                                                                                                                                                                                                                                   | Standard clause         | Test Method                                                  | Test data                                                                                                                     | Result |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------|
| Antenna Requirement                                                                                                                                                                                                                                          | 15.203<br>15.247 (b)(4) | /                                                            | See Section 5.2                                                                                                               | Pass   |
| AC Power Line Conducted Emission                                                                                                                                                                                                                             | 15.207                  | ANSI C63.10<br>clause 6.2                                    | See Section 5.3                                                                                                               | Pass   |
| Conducted Output Power                                                                                                                                                                                                                                       | 15.247 (b)(3)           | ANSI C63.10<br>clause 11.9.1.2<br>Method PKPM1               | Appendix A – LE 1M PHY;<br>Appendix B – LE 2M PHY;<br>Appendix C – LE Coded PHY,<br>S=2;<br>Appendix D – LE Coded PHY,<br>S=8 | Pass   |
| 6dB Emission Bandwidth<br>99% Occupied Bandwidth                                                                                                                                                                                                             | 15.247 (a)(2)           | ANSI C63.10<br>clause 11.8.1,<br>ANSI C63.10<br>clause 6.9.3 |                                                                                                                               | Pass   |
| Power Spectral Density                                                                                                                                                                                                                                       | 15.247 (e)              | ANSI C63.10<br>clause 11.10.2                                |                                                                                                                               | Pass   |
| Band-edge Emission<br>Conduction Spurious Emission                                                                                                                                                                                                           | 15.247 (d)              | ANSI C63.10<br>clause 6.10.4                                 |                                                                                                                               | Pass   |
| Emissions in Restricted Frequency Bands                                                                                                                                                                                                                      | 15.205<br>15.247 (d)    | ANSI C63.10<br>clause 6.10.5, 11.12.1<br>and 11.12.2.5.2     | See Section 5.4                                                                                                               | Pass   |
| Emissions in Non-restricted Frequency Bands                                                                                                                                                                                                                  | 15.209<br>15.247(d)     | ANSI C63.10<br>clause 6.3, 6.5, 6.6<br>and 11.12.2.5.2       | See Section 5.5                                                                                                               | Pass   |
| <b>Remark:</b><br>1. Pass: The EUT complies with the essential requirements in the standard.<br>2. N/A: Not Applicable.<br>3. The cable insertion loss used by “RF Output Power” and other conduction measurement items is 0.5dB (provided by the customer). |                         |                                                              |                                                                                                                               |        |
| <b>Test Method:</b><br>ANSI C63.10-2020<br>KDB 558074 D01 15.247 Meas Guidance v05r02                                                                                                                                                                        |                         |                                                              |                                                                                                                               |        |

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## 4 General Information

### 4.1 Client Information

|               |                                                                                            |
|---------------|--------------------------------------------------------------------------------------------|
| Applicant:    | ITEL MOBILE LIMITED                                                                        |
| Address:      | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET<br>FOTAN NT HONGKONG |
| Manufacturer: | ITEL MOBILE LIMITED                                                                        |
| Address:      | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET<br>FOTAN NT HONGKONG |

### 4.2 General Description of E.U.T.

|                        |                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment Class:       | Digital Transmission System (DTS)                                                                                                        |
| Product Name:          | Mobile Phone                                                                                                                             |
| Model No.:             | A675L                                                                                                                                    |
| Operation Frequency:   | 2402 MHz - 2480 MHz                                                                                                                      |
| Channel Numbers:       | 40                                                                                                                                       |
| Channel Separation:    | 2MHz                                                                                                                                     |
| Modulation Technology: | GFSK                                                                                                                                     |
| Data Speed:            | 1 Mbps (LE 1M PHY), 2 Mbps (LE 2M PHY), 125 kbps (LE Coded PHY, S=8), 500 kbps (LE Coded PHY, S=2)                                       |
| Antenna Type:          | Internal Antenna                                                                                                                         |
| Antenna Gain:          | -0.58dBi (This information is provided by applicant, and the applicant is responsible for the authenticity of the provided information.) |
| Antenna transmit mode: | SISO (1TX, 1RX)                                                                                                                          |
| Power Supply:          | Rechargeable Li-ion Battery DC3.85V, 4900mAh                                                                                             |
| AC Adapter:            | Model: U100ISB<br>Input: AC100-240V, 50/60Hz, 0.3A<br>Output: DC 5.0V, 2.0A 10.0W                                                        |
| Test Sample Condition: | The test samples were provided in good working order with no visible defects.                                                            |

### 4.3 Disclaimer

|                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disclaimer:                                                                                                                                                                                                                                                                  |
| For the information or data provided by the client in this report, the relevant results or conclusions of this report are only made for these data or information. The testing laboratory is not responsible for the authenticity and accuracy of these data or information. |

## 4.4 Test Mode and Test Environment

| Test Mode:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Transmitting mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Keep the EUT in continuous transmitting with modulation |
| <b>Remark:</b><br>1. For AC power line conducted emission and radiated spurious emission (below 1GHz), pre-scan all data speed, found 1 Mbps (LE 1M PHY) and Lowest channel was worse case mode. The report only reflects the test data of worst mode.<br>2. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report.<br>3. During the test, the mobile phone dial interface is used to enter the EUT engineering mode, and the prototype transmission power level is default. |                                                         |
| Operating Environment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                         |
| Temperature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15°C ~ 35°C                                             |
| Humidity:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20 % ~ 75 % RH                                          |
| Atmospheric Pressure:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1008 mbar                                               |
| Voltage:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Nominal: 3.85Vdc, Extreme: Low 3.60Vdc, High 4.40Vdc    |
| Test Engineer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Bruce Zheng                                             |

## 4.5 Description of Test Auxiliary Equipment

The EUT has been tested as an independent unit.

## 4.6 Measurement Uncertainty

| Parameter                         | Expanded Uncertainty<br>(Confidence of 95% (U = 2Uc(y))) |
|-----------------------------------|----------------------------------------------------------|
| Channel Bandwidth                 | ±3.46%                                                   |
| RF Output Power                   | ±0.31dB                                                  |
| Power Spectral Density            | ±1.19dB                                                  |
| Conducted Unwanted Emission       | ±0.55dB                                                  |
| Spurious emission (above 18GHz)   | ±5.3dB                                                   |
| Spurious emission (6GHz to 18GHz) | ±5.1dB                                                   |
| Radiated emission (1GHz to 6GHz)  | ±4.8dB                                                   |
| Radiated emission (Up to 1GHz)    | ±4.8dB                                                   |
| AC Conducted emission             | ±3.2dB                                                   |
| Temperature                       | ±1°C                                                     |
| Humidity                          | ±5%                                                      |

**Note:** All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

## 4.7 Additions to, Deviations, or Exclusions From the Method

No

## 4.8 Laboratory Facility

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

- FCC - Designation No.: CN1188

Intertek Testing Services Shenzhen Ltd. Longhua Branch has been accredited as a testing laboratory by FCC (Federal Communications Commission). The test firm Registration No. is 435976.

## 4.9 Laboratory Location

Intertek Testing Services Shenzhen Ltd. Longhua Branch

Address: 101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District, ShenZhen.

## 4.10 Test Instruments List

| Equipment No. | Equipment                  | Manufacturer     | Model No.         | Serial No.         | Cal. Date  | Due Date   |
|---------------|----------------------------|------------------|-------------------|--------------------|------------|------------|
| SZ182-02      | RF Power Meter             | Anritsu          | ML2496A           | 1302005            | 2025-04-21 | 2026-04-21 |
| SZ182-02-01   | Pulse Power Sensor         | Anritsu          | MA2411B           | 1207429            | 2025-04-21 | 2026-04-21 |
| SZ056-06      | Signal Analyzer            | R&S              | FSV 40            | 101101             | 2025-12-01 | 2026-12-01 |
| SZ061-13      | BiConiLog Antenna          | ETS              | 3142E             | 00217919           | 2025-05-29 | 2028-05-29 |
| SZ061-08      | Horn Antenna               | ETS              | 3115              | 00092346           | 2024-09-13 | 2027-09-13 |
| SZ061-06      | Active Loop Antenna        | Electro-Metrics  | EM-6876           | 217                | 2024-05-05 | 2027-05-05 |
| SZ061-07      | Pyramidal Horn Antenna     | ETS              | 3160-09           | 00083067           | 2025-09-11 | 2028-09-11 |
| SZ185-03      | EMI Receiver               | R&S              | ESR7              | 101975             | 2025-04-13 | 2026-04-13 |
| SZ056-05      | Signal Analyzer            | R&S              | FSV 40            | 101101             | 2025-12-01 | 2026-12-01 |
| SZ181-08      | Microwave System Amplifier | keysight         | 83017A            | MY57280108         | 2025-07-30 | 2026-07-30 |
| SZ188-05      | Anechoic Chamber           | ETS              | FACT 3-2.0        | CT001880-Q13914102 | 2025-06-18 | 2028-06-18 |
| SZ062-23      | RF Cable                   | HUBER+SUHNER     | SF104PE-1M        | MY4262/4PE         | 2025-09-15 | 2026-09-15 |
| SZ062-40      | RF Cable                   | Talent Microwave | A50-3.5M3.5M-4.5M | 22012932           | 2025-09-15 | 2026-09-15 |
| SZ062-38      | RF Cable                   | Talent Microwave | A50-3.5M3.5M-8M   | 21051695           | 2025-09-15 | 2026-09-15 |
| SZ067-25      | Notch Filter               | Micro-Tronics    | BRM50716          | 076                | 2025-02-22 | 2026-02-22 |
| SZ067-04      | Notch Filter               | Micro-Tronics    | BRM50702-02       | 015                | 2025-04-21 | 2026-04-21 |
| SZ185-02      | EMI Test Receiver          | R&S              | ESCI              | 100692             | 2025-06-30 | 2026-06-30 |
| SZ187-02      | Two-Line V-Network         | R&S              | ENV216            | 100073             | 2025-04-25 | 2026-04-25 |
| SZ188-03      | Shielding Room             | ETS              | RFD-100           | 4100               | 2022-12-20 | 2025-12-20 |
| SZ062-16      | RF Cable                   | HUBER+SUHNER     | CBL2-BN-1m        | 110127-2231000     | 2025-06-30 | 2026-06-30 |

## 5 Measurement Setup and Procedure

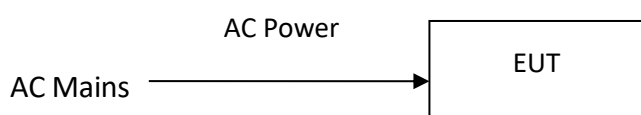
### 5.1 Test Channel

According to ANSI C63.10-2020 chapter 5.6.1 Table 11 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

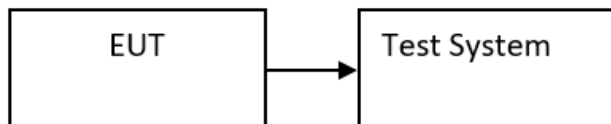
| Lowest channel |                 | Middle channel |                 | Highest channel |                 |
|----------------|-----------------|----------------|-----------------|-----------------|-----------------|
| Channel No.    | Frequency (MHz) | Channel No.    | Frequency (MHz) | Channel No.     | Frequency (MHz) |
| 0              | 2402            | 19             | 2440            | 39              | 2480            |

### 5.2 Test Setup

#### 1) Conducted Test & Radiated Test



#### 2) Conducted Measurements Test



### 5.3 Test Procedure

| Test method           | Test step                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conducted emission    | <ol style="list-style-type: none"> <li>The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment.</li> <li>The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs).</li> <li>Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Radiated emission     | <p><b>For below 30MHz:</b></p> <ol style="list-style-type: none"> <li>The EUT was placed on the table top of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m.</li> <li>EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y &amp; Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.</li> <li>Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.</li> </ol> <p><b>For below 1GHz:</b></p> <ol style="list-style-type: none"> <li>The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m.</li> <li>EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y &amp; Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.</li> <li>Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.</li> </ol> <p><b>For above 1GHz:</b></p> <ol style="list-style-type: none"> <li>The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m.</li> <li>EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y &amp; Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.</li> <li>Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.</li> </ol> |
| Conducted test method | <ol style="list-style-type: none"> <li>The Bluetooth antenna port of EUT was connected to the test port of the test system through an RF cable.</li> <li>The EUT is keeping in continuous transmission mode and tested in all modulation modes.</li> <li>Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## 5.4 Test Limit

| Test items                                                                                 | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------|--|------------|---------|------------|--------------------------------|--------------------------------|---------|------------|----------|--------|------|------------|-----------|------|------|------------|------------|------|------|------------|-----------|---------------------|--|---------|-------|-------------|------|------|
| AC Power Line Conducted Emission                                                           | <table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBμV)</th></tr><tr><th>Quasi-Peak</th><th>Average</th></tr><tr><td>0.15 – 0.5</td><td>66 to 56 <small>Note 1</small></td><td>56 to 46 <small>Note 1</small></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> <p><b>Note 1:</b> The limit level in dBμV decreases linearly with the logarithm of frequency.<br/><b>Note 2:</b> The more stringent limit applies at transition frequencies.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Frequency (MHz)                | Limit (dBμV)   |  | Quasi-Peak | Average | 0.15 – 0.5 | 66 to 56 <small>Note 1</small> | 56 to 46 <small>Note 1</small> | 0.5 – 5 | 56         | 46       | 5 – 30 | 60   | 50         |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Frequency (MHz)                                                                            | Limit (dBμV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
|                                                                                            | Quasi-Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Average                        |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 0.15 – 0.5                                                                                 | 66 to 56 <small>Note 1</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 56 to 46 <small>Note 1</small> |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 0.5 – 5                                                                                    | 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46                             |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 5 – 30                                                                                     | 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 50                             |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Conducted Output Power                                                                     | For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 6dB Emission Bandwidth                                                                     | The minimum 6 dB bandwidth shall be at least 500 kHz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 99% Occupied Bandwidth                                                                     | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Power Spectral Density                                                                     | For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Band-edge Emission<br><br>Conduction Spurious Emission                                     | In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)). |                                |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Emissions in Restricted Frequency Bands<br><br>Emissions in Non-restricted Frequency Bands | <table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBμV/m)</th><th rowspan="2">Detector</th></tr><tr><th>@ 3m</th><th>@ 10m</th></tr><tr><td>30 – 88</td><td>40.0</td><td>30.0</td><td>Quasi-peak</td></tr><tr><td>88 – 216</td><td>43.5</td><td>33.5</td><td>Quasi-peak</td></tr><tr><td>216 – 960</td><td>46.0</td><td>36.0</td><td>Quasi-peak</td></tr><tr><td>960 – 1000</td><td>54.0</td><td>44.0</td><td>Quasi-peak</td></tr></table> <p><b>Note:</b> The more stringent limit applies at transition frequencies.</p> <table><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBμV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th></tr><tr><td>Above 1 GHz</td><td>54.0</td><td>74.0</td></tr></table> <p><b>Note:</b> The measurement bandwidth shall be 1 MHz or greater.</p>                                                                                                                                                                                                                   | Frequency (MHz)                | Limit (dBμV/m) |  | Detector   | @ 3m    | @ 10m      | 30 – 88                        | 40.0                           | 30.0    | Quasi-peak | 88 – 216 | 43.5   | 33.5 | Quasi-peak | 216 – 960 | 46.0 | 36.0 | Quasi-peak | 960 – 1000 | 54.0 | 44.0 | Quasi-peak | Frequency | Limit (dBμV/m) @ 3m |  | Average | Peake | Above 1 GHz | 54.0 | 74.0 |
| Frequency (MHz)                                                                            | Limit (dBμV/m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                | Detector       |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
|                                                                                            | @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | @ 10m                          |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 30 – 88                                                                                    | 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30.0                           | Quasi-peak     |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 88 – 216                                                                                   | 43.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 33.5                           | Quasi-peak     |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 216 – 960                                                                                  | 46.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 36.0                           | Quasi-peak     |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| 960 – 1000                                                                                 | 54.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 44.0                           | Quasi-peak     |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Frequency                                                                                  | Limit (dBμV/m) @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
|                                                                                            | Average                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Peake                          |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |
| Above 1 GHz                                                                                | 54.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 74.0                           |                |  |            |         |            |                                |                                |         |            |          |        |      |            |           |      |      |            |            |      |      |            |           |                     |  |         |       |             |      |      |

## 5.5 Antenna Requirement

### Standard requirement:

FCC Part 15 C Section 15.203 /247(b)(4)

#### 15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

#### 15.247(b) (4) requirement:

(4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

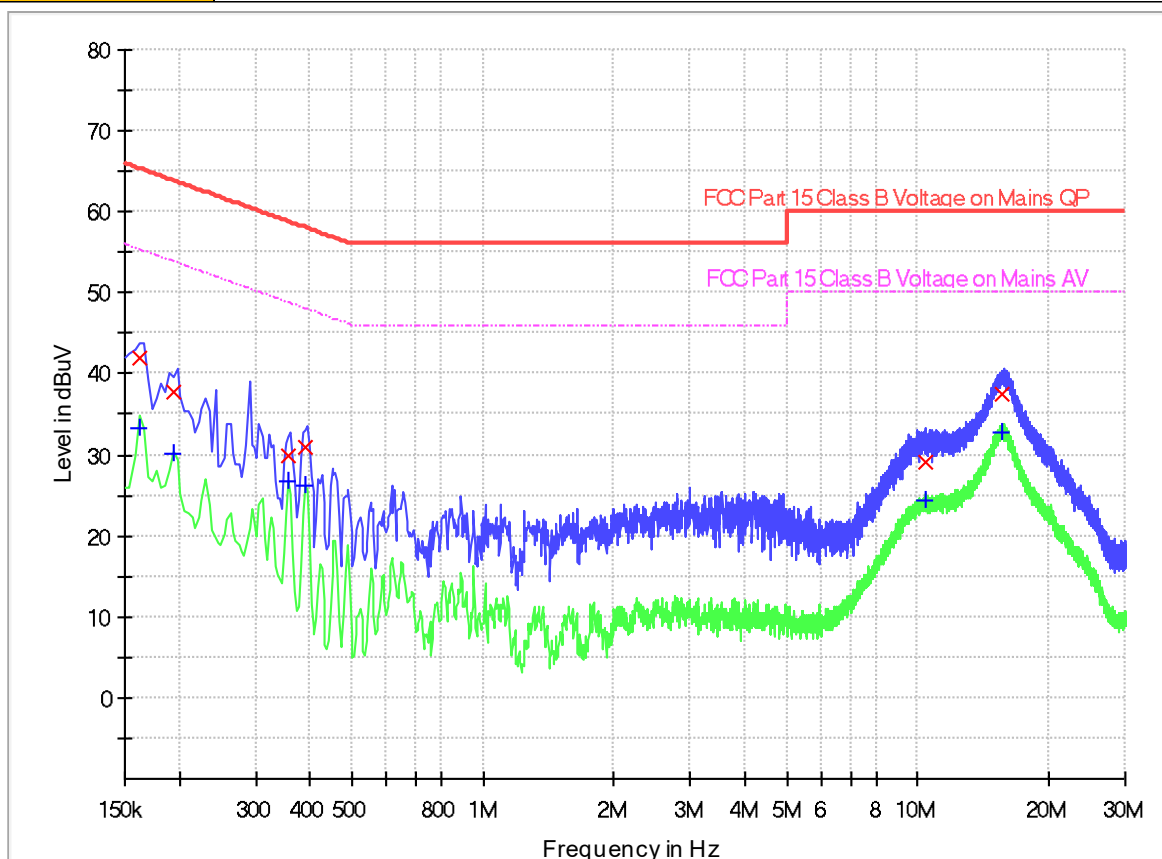
### E.U.T Antenna:

The BLE antenna is an Internal antenna which cannot replace by end-user, the best case gain of the antenna is -0.58 dBi. See product internal photos for details.

## 6 Test Result

### 6.1 AC Power Line Conducted Emission

|                 |                  |                |                    |
|-----------------|------------------|----------------|--------------------|
| Product name:   | Mobile Phone     | Product model: | A675L              |
| Test by:        | Bruce Zheng      | Test mode:     | BLE Tx (LE 1M PHY) |
| Test frequency: | 150 kHz ~ 30 MHz | Phase:         | Line               |
| Test voltage:   | AC 120 V/60 Hz   |                |                    |



#### Limit and Margin QP

| Frequency (MHz) | Quasi Peak (dBμV) | Bandwidth (kHz) | Line | Corr. (dB) | Margin (dB) | Limit (dBuV) |
|-----------------|-------------------|-----------------|------|------------|-------------|--------------|
| 0.162000        | 41.8              | 9.000           | L1   | 9.6        | 23.6        | 65.4         |
| 0.194000        | 37.7              | 9.000           | L1   | 9.6        | 26.2        | 63.9         |
| 0.358000        | 29.9              | 9.000           | L1   | 9.6        | 28.9        | 58.8         |
| 0.390000        | 30.9              | 9.000           | L1   | 9.6        | 27.2        | 58.1         |
| 10.442000       | 29.1              | 9.000           | L1   | 9.8        | 30.9        | 60.0         |
| 15.554000       | 37.4              | 9.000           | L1   | 9.9        | 22.6        | 60.0         |

#### Limit and Margin AV

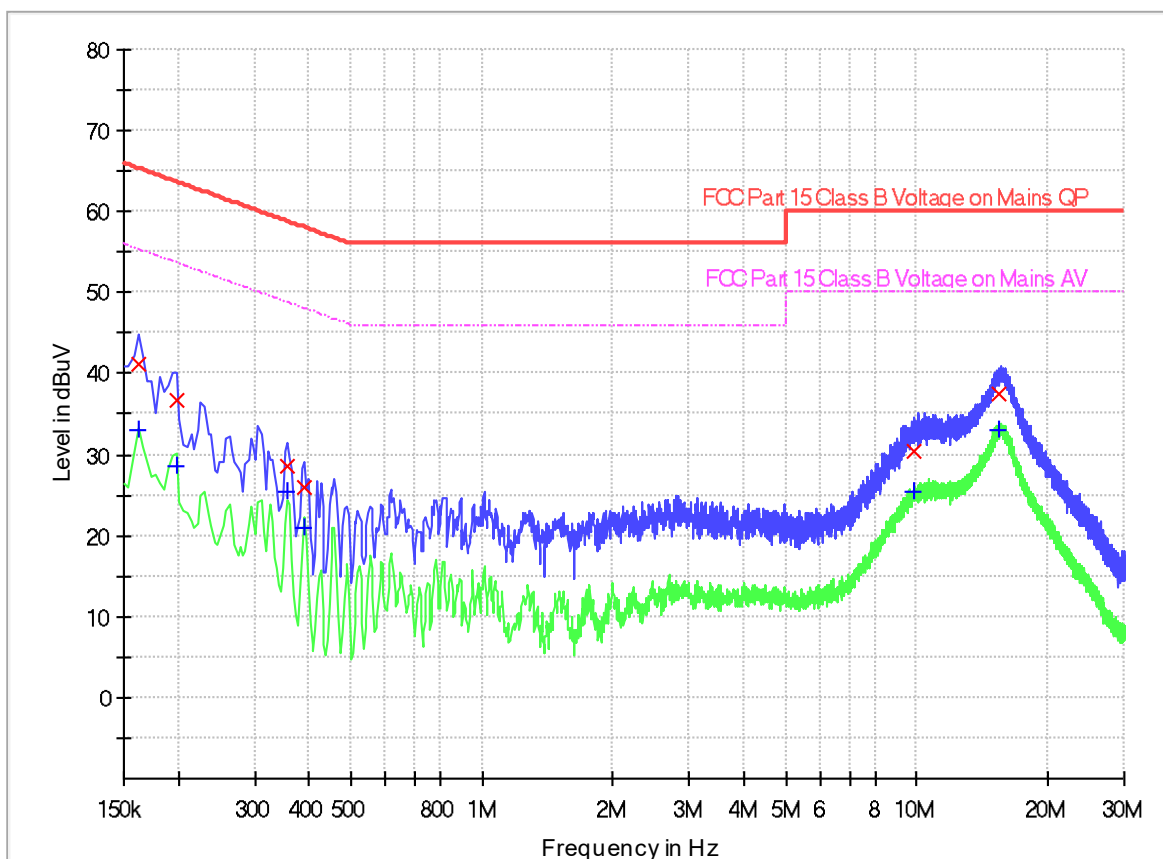
| Frequency (MHz) | Average (dBμV) | Bandwidth (kHz) | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|----------------|-----------------|------|------------|-------------|--------------|
| 0.162000        | 33.3           | 9.000           | L1   | 9.6        | 22.1        | 55.4         |
| 0.194000        | 30.2           | 9.000           | L1   | 9.6        | 23.7        | 53.9         |
| 0.358000        | 26.8           | 9.000           | L1   | 9.6        | 22.0        | 48.8         |
| 0.390000        | 26.2           | 9.000           | L1   | 9.6        | 21.9        | 48.1         |
| 10.442000       | 24.3           | 9.000           | L1   | 9.8        | 25.7        | 50.0         |
| 15.554000       | 32.9           | 9.000           | L1   | 9.9        | 17.1        | 50.0         |

#### Remark:

1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

2. Margin (dB) = Limit (dBμV) – Quasi Peak/Average (dBμV)

|                 |                  |                |                    |
|-----------------|------------------|----------------|--------------------|
| Product name:   | Mobile Phone     | Product model: | A675L              |
| Test by:        | Bruce Zheng      | Test mode:     | BLE Tx (LE 1M PHY) |
| Test frequency: | 150 kHz ~ 30 MHz | Phase:         | Neutral            |
| Test voltage:   | AC 120 V/60 Hz   |                |                    |



### Limit and Margin QP

| Frequency (MHz) | Quasi Peak (dBμV) | Bandwidth (kHz) | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|-------------------|-----------------|------|------------|-------------|--------------|
| 0.162000        | 41.3              | 9.000           | N    | 9.8        | 24.1        | 65.4         |
| 0.198000        | 36.7              | 9.000           | N    | 9.9        | 27.0        | 63.7         |
| 0.358000        | 28.7              | 9.000           | N    | 9.6        | 30.1        | 58.8         |
| 0.390000        | 26.0              | 9.000           | N    | 9.6        | 32.1        | 58.1         |
| 9.906000        | 30.3              | 9.000           | N    | 9.9        | 29.7        | 60.0         |
| 15.474000       | 37.6              | 9.000           | N    | 9.9        | 22.4        | 60.0         |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV) | Bandwidth (kHz) | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|----------------|-----------------|------|------------|-------------|--------------|
| 0.162000        | 33.0           | 9.000           | N    | 9.8        | 22.4        | 55.4         |
| 0.198000        | 28.6           | 9.000           | N    | 9.9        | 25.1        | 53.7         |
| 0.358000        | 25.5           | 9.000           | N    | 9.6        | 23.3        | 48.8         |
| 0.390000        | 21.0           | 9.000           | N    | 9.6        | 27.1        | 48.1         |
| 9.906000        | 25.4           | 9.000           | N    | 9.9        | 24.6        | 50.0         |
| 15.474000       | 33.1           | 9.000           | N    | 9.9        | 16.9        | 50.0         |

#### Remark:

1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

2. Margin (dB) = Limit (dBμV) – Quasi Peak/Average (dBμV)

## 6.2 Emissions in Restricted Frequency Bands

|               |              |                |                    |
|---------------|--------------|----------------|--------------------|
| Product Name: | Mobile Phone | Product Model: | A675L              |
| Test By:      | Bruce Zheng  | Test mode:     | BLE Tx (LE 1M PHY) |
| Test Voltage: | AC 120/60Hz  |                |                    |

Test Channel: Lowest channel

| Suspected Data List |             |                |               |                |                |             |           |          |         |          |
|---------------------|-------------|----------------|---------------|----------------|----------------|-------------|-----------|----------|---------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Angle [°] | Detector | Verdict | Polarity |
| 1                   | 2336.41     | 24.47          | 36.03         | 60.50          | 74.00          | 13.50       | 96        | PK       | PASS    | Vertical |
| 2                   | 2336.41     | 11.57          | 36.03         | 47.60          | 54.00          | 6.40        | 48        | AV       | PASS    | Vertical |
| 3                   | 2359.35     | 23.81          | 36.10         | 59.91          | 74.00          | 14.09       | 96        | PK       | PASS    | Vertical |
| 4                   | 2359.35     | 11.50          | 36.10         | 47.60          | 54.00          | 6.40        | 187       | AV       | PASS    | Vertical |
| 5                   | 2390.00     | 23.28          | 36.19         | 59.47          | 74.00          | 14.53       | 234       | PK       | PASS    | Vertical |
| 6                   | 2390.00     | 11.31          | 36.19         | 47.50          | 54.00          | 6.50        | 260       | AV       | PASS    | Vertical |

| Suspected Data List |             |                |               |                |                |             |           |          |         |            |
|---------------------|-------------|----------------|---------------|----------------|----------------|-------------|-----------|----------|---------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Angle [°] | Detector | Verdict | Polarity   |
| 1                   | 2337.73     | 24.26          | 36.03         | 60.29          | 74.00          | 13.71       | 213       | PK       | PASS    | Horizontal |
| 2                   | 2337.73     | 11.66          | 36.03         | 47.69          | 54.00          | 6.31        | 0         | AV       | PASS    | Horizontal |
| 3                   | 2364.80     | 23.98          | 36.11         | 60.09          | 74.00          | 13.91       | 132       | PK       | PASS    | Horizontal |
| 4                   | 2364.80     | 11.37          | 36.11         | 47.48          | 54.00          | 6.52        | 280       | AV       | PASS    | Horizontal |
| 5                   | 2390.00     | 22.29          | 36.19         | 58.48          | 74.00          | 15.52       | 80        | PK       | PASS    | Horizontal |
| 6                   | 2390.00     | 11.29          | 36.19         | 47.48          | 54.00          | 6.52        | 135       | AV       | PASS    | Horizontal |

| Suspected Data List |             |                |               |                |                |             |           |          |         |          |
|---------------------|-------------|----------------|---------------|----------------|----------------|-------------|-----------|----------|---------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Angle [°] | Detector | Verdict | Polarity |
| 1                   | 2483.50     | 23.06          | 36.24         | 59.30          | 74.00          | 14.70       | 182       | PK       | PASS    | Vertical |
| 2                   | 2483.50     | 11.34          | 36.24         | 47.58          | 54.00          | 6.42        | 3         | AV       | PASS    | Vertical |
| 3                   | 2491.49     | 11.15          | 36.31         | 47.46          | 54.00          | 6.54        | 9         | AV       | PASS    | Vertical |
| 4                   | 2491.49     | 23.72          | 36.31         | 60.03          | 74.00          | 13.97       | 182       | PK       | PASS    | Vertical |
| 5                   | 2498.57     | 23.60          | 36.36         | 59.96          | 74.00          | 14.04       | 352       | PK       | PASS    | Vertical |
| 6                   | 2498.57     | 11.17          | 36.36         | 47.53          | 54.00          | 6.47        | 231       | AV       | PASS    | Vertical |

| Suspected Data List |             |                |               |                |                |             |           |          |         |            |
|---------------------|-------------|----------------|---------------|----------------|----------------|-------------|-----------|----------|---------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Angle [°] | Detector | Verdict | Polarity   |
| 1                   | 2483.50     | 23.15          | 36.24         | 59.39          | 74.00          | 14.61       | 252       | PK       | PASS    | Horizontal |
| 2                   | 2483.50     | 11.33          | 36.24         | 47.57          | 54.00          | 6.43        | 360       | AV       | PASS    | Horizontal |
| 3                   | 2490.96     | 23.57          | 36.30         | 59.87          | 74.00          | 14.13       | 184       | PK       | PASS    | Horizontal |
| 4                   | 2490.96     | 11.41          | 36.30         | 47.71          | 54.00          | 6.29        | 96        | AV       | PASS    | Horizontal |
| 5                   | 2497.62     | 23.21          | 36.36         | 59.57          | 74.00          | 14.43       | 208       | PK       | PASS    | Horizontal |
| 6                   | 2497.62     | 11.18          | 36.36         | 47.54          | 54.00          | 6.46        | 355       | AV       | PASS    | Horizontal |

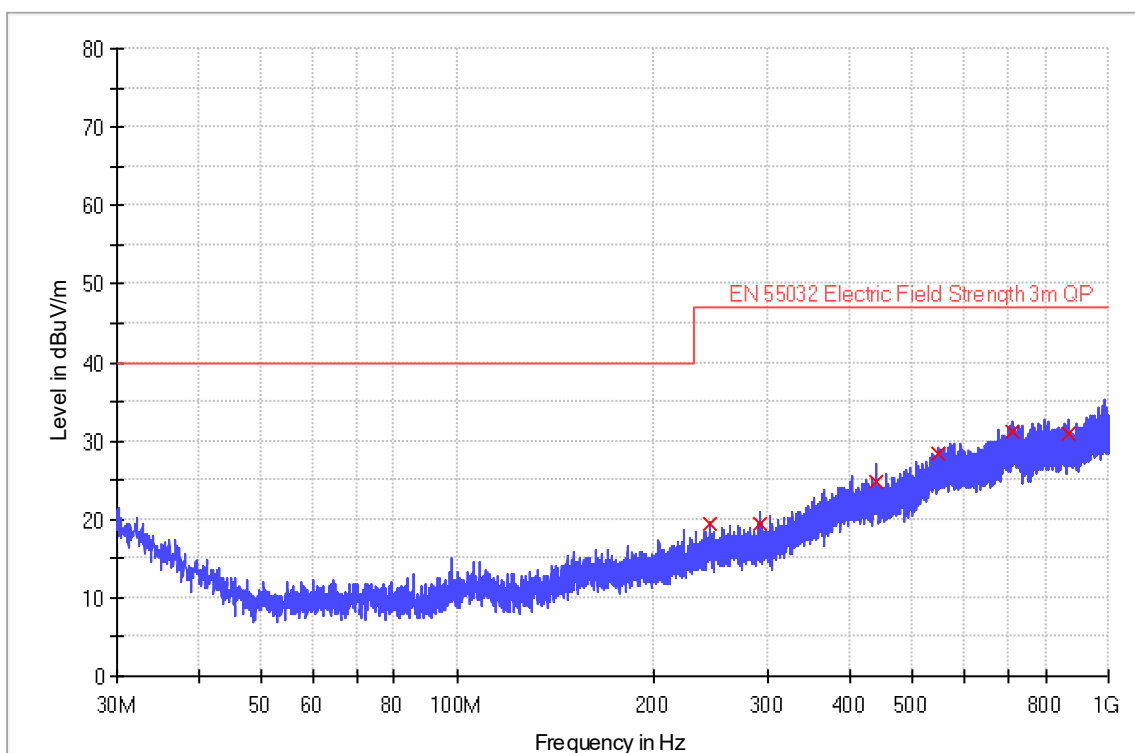
## 6.3 Emissions in Non-restricted Frequency Bands

### Below 30MHz:

Test Frequency from 9kHz to 30MHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.

### Below 1GHz:

|                 |                |                |                    |
|-----------------|----------------|----------------|--------------------|
| Product Name:   | Mobile Phone   | Product Model: | A675L              |
| Test By:        | Bruce Zheng    | Test mode:     | BLE Tx (LE 1M PHY) |
| Test Frequency: | 30 MHz ~ 1 GHz | Polarization:  | Vertical           |
| Test Voltage:   | AC 120/60Hz    |                |                    |



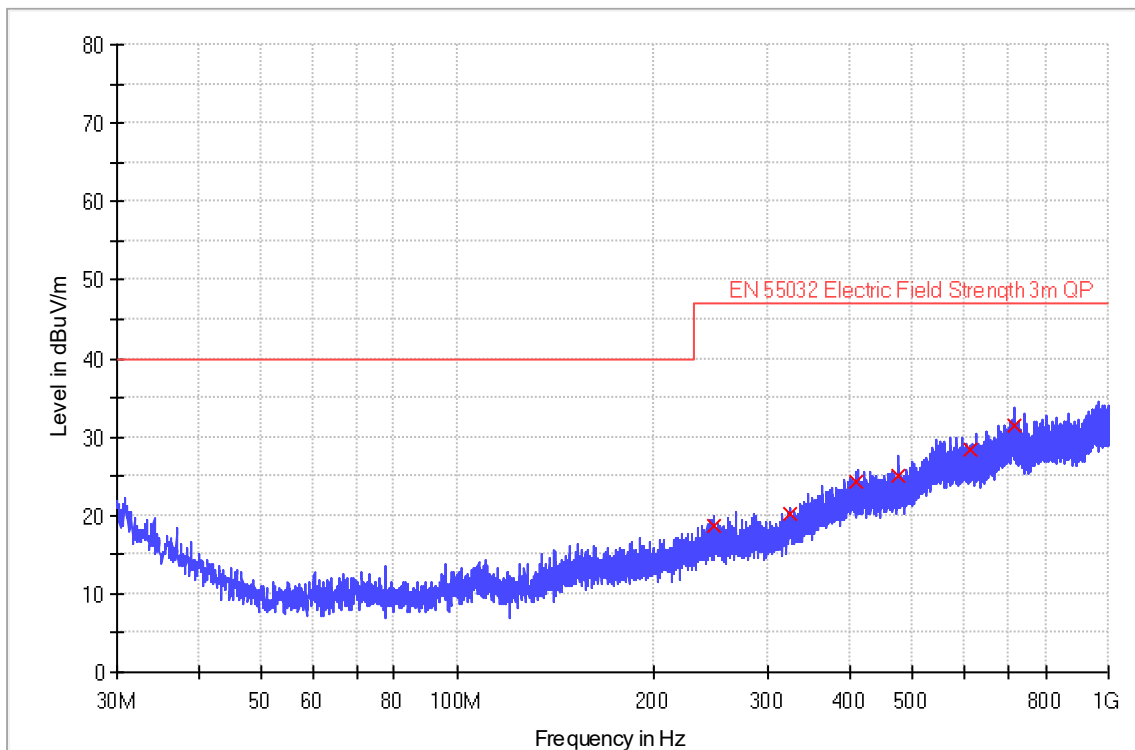
### Limit and Margin

| Frequency (MHz) | QuasiPeak (dBuV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB) | Margin - QPK (dB) | Limit - QPK (dBuV/m) |
|-----------------|--------------------|-----------------|-----------------|-----|------------|-------------------|----------------------|
| 244.628667      | 19.4               | 1000.0          | 120.000         | V   | 19.4       | 27.6              | 47.0                 |
| 291.479667      | 19.4               | 1000.0          | 120.000         | V   | 20.1       | 27.6              | 47.0                 |
| 439.243000      | 24.8               | 1000.0          | 120.000         | V   | 25.4       | 22.2              | 47.0                 |
| 547.850667      | 28.4               | 1000.0          | 120.000         | V   | 29.0       | 18.6              | 47.0                 |
| 713.365000      | 31.2               | 1000.0          | 120.000         | V   | 31.1       | 15.8              | 47.0                 |
| 865.784333      | 30.8               | 1000.0          | 120.000         | V   | 31.8       | 16.2              | 47.0                 |

Remark:

1. Corr. (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Quasi Peak (dBμV/m) = Corr. (dB/m) + Read Level (dBμV)
3. Margin (dB) = Limit QPK (dBμV/m) – Quasi Peak (dBμV/m)

|                 |                |                |                    |
|-----------------|----------------|----------------|--------------------|
| Product Name:   | Mobile Phone   | Product Model: | A675L              |
| Test By:        | Bruce Zheng    | Test mode:     | BLE Tx (LE 1M PHY) |
| Test Frequency: | 30 MHz ~ 1 GHz | Polarization:  | Horizontal         |
| Test Voltage:   | AC 120/60Hz    |                |                    |



### Limit and Margin

| Frequency (MHz) | QuasiPeak (dBuV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB) | Margin - QPK (dB) | Limit - QPK (dBuV/m) |
|-----------------|--------------------|-----------------|-----------------|-----|------------|-------------------|----------------------|
| 247.474000      | 18.6               | 1000.0          | 120.000         | H   | 19.6       | 28.4              | 47.0                 |
| 325.235667      | 20.2               | 1000.0          | 120.000         | H   | 21.6       | 26.8              | 47.0                 |
| 408.882000      | 24.3               | 1000.0          | 120.000         | H   | 25.4       | 22.7              | 47.0                 |
| 475.262333      | 25.1               | 1000.0          | 120.000         | H   | 25.9       | 21.9              | 47.0                 |
| 612.582000      | 28.3               | 1000.0          | 120.000         | H   | 29.1       | 18.7              | 47.0                 |
| 718.635333      | 31.4               | 1000.0          | 120.000         | H   | 31.1       | 15.6              | 47.0                 |

Remark:

1. Corr. (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Quasi Peak (dBμV/m) = Corr. (dB/m) + Read Level (dBμV)
3. Margin (dB) = Limit QPK (dBμV/m) – Quasi Peak (dBμV/m)

**Above 1GHz:**

| BLE Tx (LE 1M PHY)                                                                                                                                                                    |                   |             |                |                |             |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|----------------|----------------|-------------|--------------|
| Test channel: Lowest channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 4804.00                                                                                                                                                                               | 48.43             | -7.98       | 40.45          | 74.00          | 33.55       | Vertical     |
| 4804.00                                                                                                                                                                               | 50.32             | -7.98       | 42.34          | 74.00          | 31.66       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 4804.00                                                                                                                                                                               | 39.42             | -7.98       | 31.44          | 54.00          | 22.56       | Vertical     |
| 4804.00                                                                                                                                                                               | 41.04             | -7.98       | 33.06          | 54.00          | 20.94       | Horizontal   |
| Test channel: Middle channel                                                                                                                                                          |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 4884.00                                                                                                                                                                               | 48.30             | -7.46       | 40.84          | 74.00          | 33.16       | Vertical     |
| 4884.00                                                                                                                                                                               | 50.12             | -7.46       | 42.66          | 74.00          | 31.34       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 4884.00                                                                                                                                                                               | 39.00             | -7.46       | 31.54          | 54.00          | 22.46       | Vertical     |
| 4884.00                                                                                                                                                                               | 41.03             | -7.46       | 33.57          | 54.00          | 20.43       | Horizontal   |
| Test channel: Highest channel                                                                                                                                                         |                   |             |                |                |             |              |
| Detector: Peak Value                                                                                                                                                                  |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 4960.00                                                                                                                                                                               | 47.90             | -7.00       | 40.90          | 74.00          | 33.10       | Vertical     |
| 4960.00                                                                                                                                                                               | 50.54             | -7.00       | 43.54          | 74.00          | 30.46       | Horizontal   |
| Detector: Average Value                                                                                                                                                               |                   |             |                |                |             |              |
| Frequency (MHz)                                                                                                                                                                       | Read Level (dBμV) | Factor (dB) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Polarization |
| 4960.00                                                                                                                                                                               | 38.70             | -7.00       | 31.70          | 54.00          | 22.30       | Vertical     |
| 4960.00                                                                                                                                                                               | 40.93             | -7.00       | 33.93          | 54.00          | 20.07       | Horizontal   |
| <b>Remark:</b><br>1. Level = Reading + Factor.<br>2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report. |                   |             |                |                |             |              |

\*\*\*\*\*End of Report\*\*\*\*\*