

# FCC RF Test Report

## (LTE)

**Report No.:** JYTSZ-R12-2401354

**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.: P673L

Trade Mark: itel

**FCC ID:** 2AJMN-P673L

**Applicable Standards:** FCC CFR Title 47 Part 2, 22H, 24E, 27L & H & M, 90S

**Date of Sample Receipt:** 11 Nov., 2024

**Date of Test:** 12 Nov., to 03 Dec., 2024

**Date of Report Issued:** 04 Dec., 2024

**Test Result:** PASS

**Tested by:**

*James Ping*  
Project Engineer

**Date:**

04 Dec., 2024

**Reviewed by:**

*Leto Chang*  
Senior Engineer

**Date:**

04 Dec., 2024

**Approved by:**

*James Wei*  
Manager

**Date:**

04 Dec., 2024

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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1 Version

| Version No. | Date          | Description |
|-------------|---------------|-------------|
| 00          | 04 Dec., 2024 | Original    |
|             |               |             |
|             |               |             |
|             |               |             |
|             |               |             |

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## 3 General Information

### 3.1 Client Information

|               |                                                                                                                        |
|---------------|------------------------------------------------------------------------------------------------------------------------|
| Applicant:    | ITEL MOBILE LIMITED                                                                                                    |
| Address:      | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG                                |
| Manufacturer: | ITEL MOBILE LIMITED                                                                                                    |
| Address:      | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG                                |
| Factory:      | SHENZHEN TECNO TECHNOLOGY CO., LTD.                                                                                    |
| Address:      | 101, Building 24, Waijing Industrial Park, Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R.China |

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

|                            |                                                                                                                              |                                        |                         |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------|
| Product Name:              | Mobile Phone                                                                                                                 |                                        |                         |
| Model No.:                 | P673L                                                                                                                        |                                        |                         |
| Operation Frequency Range: | LTE band 2:                                                                                                                  | Tx: 1850 MHz - 1910 MHz                | Rx: 1930 MHz - 1990 MHz |
|                            | LTE band 4:                                                                                                                  | Tx: 1710 MHz - 1755 MHz                | Rx: 2110 MHz - 2155 MHz |
|                            | LTE band 5:                                                                                                                  | Tx: 824 MHz - 849 MHz                  | Rx: 869 MHz - 894 MHz   |
|                            | LTE band 7:                                                                                                                  | Tx: 2500 MHz - 2570 MHz                | Rx: 2620 MHz - 2690 MHz |
|                            | LTE band 12:                                                                                                                 | Tx: 699 MHz - 716 MHz                  | Rx: 729 MHz - 746 MHz   |
|                            | LTE band 17:                                                                                                                 | Tx: 704 MHz - 716 MHz                  | Rx: 734 MHz - 746 MHz   |
|                            | LTE band 26:                                                                                                                 | Tx: 814 MHz - 849 MHz                  | Rx: 859 MHz - 894 MHz   |
|                            | LTE band 38:                                                                                                                 | Tx: 2570 MHz - 2620 MHz                | Rx: 2570 MHz - 2620 MHz |
|                            | LTE band 41:                                                                                                                 | Tx: 2535 MHz - 2655 MHz                | Rx: 2535 MHz - 2655 MHz |
|                            | LTE band 66:                                                                                                                 | Tx: 1710 MHz - 1780 MHz                | Rx: 2110 MHz - 2200 MHz |
| Modulation Type:           | <input checked="" type="checkbox"/> QPSK <input checked="" type="checkbox"/> 16QAM <input checked="" type="checkbox"/> 64QAM |                                        |                         |
| Antenna Type:              | Internal Antenna                                                                                                             |                                        |                         |
| Antenna Gain:              | LTE band 2:                                                                                                                  | ANT1: -4.0 dBi (declare by Applicant)  |                         |
|                            |                                                                                                                              | ANT4: -4.0 dBi (declare by Applicant)  |                         |
|                            | LTE band 4:                                                                                                                  | ANT1: -4.0 dBi (declare by Applicant)  |                         |
|                            |                                                                                                                              | ANT4: -4.0 dBi (declare by Applicant)  |                         |
|                            | LTE band 5:                                                                                                                  | ANT1: -5.0 dBi (declare by Applicant)  |                         |
|                            |                                                                                                                              | ANT4: -6.0 dBi (declare by Applicant)  |                         |
|                            | LTE band 7:                                                                                                                  | ANT1: -4.0 dBi (declare by Applicant)  |                         |
|                            |                                                                                                                              | ANT4: -1.0 dBi (declare by Applicant)  |                         |
|                            | LTE band 12:                                                                                                                 | ANT1: -5.50 dBi (declare by Applicant) |                         |
|                            |                                                                                                                              | ANT4: -7.0 dBi (declare by Applicant)  |                         |
|                            | LTE band 17:                                                                                                                 | ANT1: -5.50 dBi (declare by Applicant) |                         |
|                            |                                                                                                                              | ANT4: -7.0 dBi (declare by Applicant)  |                         |
|                            | LTE band 26:                                                                                                                 | ANT1: -5.0 dBi (declare by Applicant)  |                         |
|                            |                                                                                                                              | ANT4: -6.0 dBi (declare by Applicant)  |                         |
|                            | LTE band 38:                                                                                                                 | ANT1: -4.0 dBi (declare by Applicant)  |                         |
|                            |                                                                                                                              | ANT4: -1.0 dBi (declare by Applicant)  |                         |
|                            | LTE band 41:                                                                                                                 | ANT1: -4.0 dBi (declare by Applicant)  |                         |
|                            |                                                                                                                              | ANT4: -1.0 dBi (declare by Applicant)  |                         |
| LTE band 66:               | ANT1: -4.0 dBi (declare by Applicant)                                                                                        |                                        |                         |
|                            | ANT4: -4.0 dBi (declare by Applicant)                                                                                        |                                        |                         |
| Power Supply:              | Rechargeable Li-ion Polymer Battery DC3.91V, 5850mAh                                                                         |                                        |                         |

|                        |                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------|
| AC Adapter:            | Model: U180ISA<br>Input: AC100-240V, 50/60Hz, 0.6A<br>Output: DC 5.0V, 2.4A or 7.5V, 2.4A 18.0W MAX |
| Test Sample Condition: | The test samples were provided in good working order with no visible defects.                       |

### 3.3 Test Mode and Environment

| Test Mode:                                                                                                                                                                                                                                                                                                                                                                              |                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| QPSK mode:                                                                                                                                                                                                                                                                                                                                                                              | Keep the EUT communication with simulated station in QPSK mode     |
| 16QAM mode:                                                                                                                                                                                                                                                                                                                                                                             | Keep the EUT communication with simulated station in 16QAM mode    |
| 64QAM mode:                                                                                                                                                                                                                                                                                                                                                                             | Keep the EUT communication with simulated station in 64QAM mode    |
| <b>Remark:</b> The EUT has been tested under continuous transmitting mode. 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. |                                                                    |
| Operating Environment:                                                                                                                                                                                                                                                                                                                                                                  |                                                                    |
| Temperature:                                                                                                                                                                                                                                                                                                                                                                            | Normal: 15°C ~ 35°C, Extreme: -30°C ~ +50°C                        |
| Humidity:                                                                                                                                                                                                                                                                                                                                                                               | 20 % ~ 75 % RH                                                     |
| Atmospheric Pressure:                                                                                                                                                                                                                                                                                                                                                                   | 1008 mbar                                                          |
| Voltage:                                                                                                                                                                                                                                                                                                                                                                                | Nominal: 3.91Vdc, Extreme: Low 3.45Vdc, High 4.50Vdc               |
| Test Engineer:                                                                                                                                                                                                                                                                                                                                                                          | Lao Lu (Conducted measurement)<br>Real Chen (Radiated measurement) |

### 3.4 Description of Test Auxiliary Equipment

| Test Equipment    | Manufacturer | Model No. | Serial No. |
|-------------------|--------------|-----------|------------|
| Simulated Station | Anritsu      | MT8820C   | 6201026545 |

### 3.5 Measurement Uncertainty

| Parameter                                                                                                                                                                                                                                                                                                            | Expanded Uncertainty<br>(Confidence of 95%(U = 2Uc(y))) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Radiated Emission (30MHz ~ 200MHz) (3m SAC)                                                                                                                                                                                                                                                                          | 4.6 dB                                                  |
| Radiated Emission (200MHz ~ 1000MHz) (3m SAC)                                                                                                                                                                                                                                                                        | 5.8 dB                                                  |
| Radiated Emission (1GHz ~ 6GHz) (3m FAR)                                                                                                                                                                                                                                                                             | 4.95 dB                                                 |
| Radiated Emission (6GHz ~ 18GHz) (3m FAR)                                                                                                                                                                                                                                                                            | 5.23 dB                                                 |
| Radiated Emission (18GHz ~ 40GHz) (3m FAR)                                                                                                                                                                                                                                                                           | 5.32 dB                                                 |
| <b>Note:</b> 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. |                                                         |

### 3.6 Additions to, Deviations, or Exclusions from the Method

|    |
|----|
| No |
|----|

### 3.7 Laboratory Facility

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> <li>● <b>FCC - Designation No.: CN1211</b><br/>JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.</li> <li>● <b>ISED – CAB identifier.: CN0021</b><br/>The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.</li> <li>● <b>CNAS - Registration No.: CNAS L15527</b><br/>JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.</li> <li>● <b>A2LA - Registration No.: 4346.01</b><br/>This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <a href="https://portal.a2la.org/scopepdf/4346-01.pdf">https://portal.a2la.org/scopepdf/4346-01.pdf</a></li> </ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

## 3.9 Test Instruments List

| Radiated Emission(3m SAC):   |                 |                |                  |                      |                          |
|------------------------------|-----------------|----------------|------------------|----------------------|--------------------------|
| Test Equipment               | Manufacturer    | Model No.      | Manage No.       | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| 3m SAC                       | ETS             | 9m*6m*6m       | WXJ001-1         | 04-14-2021           | 04-13-2026               |
| Loop Antenna                 | Schwarzbeck     | FMZB 1519 B    | WXJ002-4         | 01-05-2024           | 01-04-2025               |
| BiConiLog Antenna            | Schwarzbeck     | VULB9163       | WXJ002           | 01-09-2024           | 01-08-2025               |
| Biconical Antenna            | Schwarzbeck     | VUBA9117       | WXJ002-1         | 07-01-2024           | 06-30-2027               |
| Pre-amplifier (30MHz ~ 1GHz) | Schwarzbeck     | BBV9743B       | WXJ001-2         | 12-27-2023           | 12-26-2024               |
| EMI Test Receiver            | Rohde & Schwarz | ESRP7          | WXJ003-1         | 12-27-2023           | 12-26-2024               |
| Spectrum Analyzer            | Rohde & Schwarz | FSP 30         | WXJ004           | 12-27-2023           | 12-26-2024               |
| Coaxial Cable (30MHz ~ 1GHz) | JYTSZ           | JYT3M-1G-NN-8M | WXG001-4         | 01-17-2024           | 01-16-2025               |
| Band Reject Filter Group     | Tonscend        | JS0806-F       | WXJ089           | N/A                  |                          |
| Test Software                | Tonscend        | TS+            | Version: 3.0.0.1 |                      |                          |

| Radiated Emission(3m FAR):    |                 |                 |                |                      |                          |
|-------------------------------|-----------------|-----------------|----------------|----------------------|--------------------------|
| Test Equipment                | Manufacturer    | Model No.       | Manage No.     | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| 3m FAR                        | YUNYI           | 9m*6m*6m        | WXJ097         | 06-15-2023           | 06-14-2028               |
| BiConiLog Antenna             | Schwarzbeck     | VULB9163        | WXJ097-2       | 07-01-2024           | 06-30-2025               |
| Biconical Antenna             | Schwarzbeck     | VUBA9117        | WXJ002-1       | 07-01-2024           | 06-30-2027               |
| Horn Antenna                  | Schwarzbeck     | BBHA9120D       | WXJ097-3       | 06-16-2024           | 06-15-2025               |
| Horn Antenna                  | Schwarzbeck     | BBHA9120D       | WXJ002-3       | 12-28-2023           | 12-27-2024               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-5       | 12-28-2023           | 12-27-2024               |
| Horn Antenna                  | Schwarzbeck     | BBHA9170        | WXJ002-6       | 12-28-2023           | 12-27-2024               |
| Pre-amplifier (30MHz ~ 1GHz)  | YUNYI           | PAM-310N        | WXJ097-5       | 04-24-2024           | 04-23-2025               |
| Pre-amplifier (1GHz ~ 18GHz)  | YUNYI           | PAM-118N        | WXJ097-6       | 04-24-2024           | 04-23-2025               |
| Pre-amplifier (18GHz ~ 40GHz) | RF System       | TRLA-180400G45B | WXJ002-7       | 12-28-2023           | 12-27-2024               |
| EMI Test Receiver             | Rohde & Schwarz | ESCI3           | WXJ003         | 12-27-2023           | 12-26-2024               |
| Spectrum Analyzer             | Rohde & Schwarz | FSP 30          | WXJ004         | 12-27-2023           | 12-26-2024               |
| Spectrum Analyzer             | KEYSIGHT        | N9020B          | WXJ081-1       | 06-11-2024           | 06-10-2025               |
| Coaxial Cable (30MHz ~ 1GHz)  | JYTSZ           | JYT3M-1G-NN-13M | WXG097-1       | 07-30-2024           | 07-29-2025               |
| Coaxial Cable (1GHz ~ 18GHz)  | JYTSZ           | JYT3M-18G-NN-8M | WXG097-2       | 07-30-2024           | 07-29-2025               |
| Coaxial Cable (18GHz ~ 40GHz) | JYTSZ           | JYT3M-40G-SS-8M | WXG097-3       | 07-30-2024           | 07-29-2025               |
| High Band Reject Filter Group | Tonscend        | JS0806-F        | WXJ089         | N/A                  |                          |
| Low Band Reject Filter Group  | Tonscend        | JS0806-F        | WXJ097-4       | N/A                  |                          |
| Test Software                 | Tonscend        | TS+             | Version: 5.0.0 |                      |                          |

| Conducted Method:            |                 |           |                     |                      |                          |
|------------------------------|-----------------|-----------|---------------------|----------------------|--------------------------|
| Test Equipment               | Manufacturer    | Model No. | Manage No.          | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| Spectrum Analyzer            | Keysight        | N9020A    | WXJ094              | 09-09-2024           | 09-08-2025               |
| Simulated Station            | Rohde & Schwarz | CMW500    | WXJ081              | 07-18-2024           | 07-17-2025               |
| Temperature Humidity Chamber | ZHONG ZHI       | CZ-A-80D  | WXJ032-3            | 01-09-2023           | 01-08-2025               |
| DC Power Supply              | Keysight        | E3642A    | WXJ025-2            | N/A                  |                          |
| RF Control Unit              | Tonscend        | JS0806-1  | WXG010              | N/A                  |                          |
| Band Reject Filter Group     | Tonscend        | JS0806-F  | WXG010-1            | N/A                  |                          |
| Test Software                | Tonscend        | TS+       | Version: 2.6.9.0526 |                      |                          |

## 4 Measurement Setup and Procedure

### 4.1 Test Channel

According to ANSI C63.26-2015 chapter 5.1.2.1 Table 2 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:

| LTE band 2      |       |                 |                 |       |                 |
|-----------------|-------|-----------------|-----------------|-------|-----------------|
| Channels        |       | Frequency (MHz) | Channels        |       | Frequency (MHz) |
| 1.4 MHz         |       |                 | 3 MHz           |       |                 |
| Lowest channel  | 18607 | 1850.7          | Lowest channel  | 18915 | 1851.5          |
| Middle channel  | 18900 | 1880.0          | Middle channel  | 18900 | 1880.0          |
| Highest channel | 19193 | 1909.3          | Highest channel | 19185 | 1908.5          |
| 5 MHz           |       |                 | 10 MHz          |       |                 |
| Lowest channel  | 18625 | 1852.5          | Lowest channel  | 18650 | 1855.0          |
| Middle channel  | 18900 | 1880.0          | Middle channel  | 18900 | 1880.0          |
| Highest channel | 19175 | 1907.5          | Highest channel | 19150 | 1905.0          |
| 15 MHz          |       |                 | 20 MHz          |       |                 |
| Lowest channel  | 18675 | 1857.5          | Lowest channel  | 18700 | 1860.0          |
| Middle channel  | 18900 | 1880.0          | Middle channel  | 18900 | 1880.0          |
| Highest channel | 19125 | 1902.5          | Highest channel | 19100 | 1900.0          |
| LTE band 4      |       |                 |                 |       |                 |
| Channels        |       | Frequency (MHz) | Channels        |       | Frequency (MHz) |
| 1.4 MHz         |       |                 | 3 MHz           |       |                 |
| Lowest channel  | 19957 | 1710.7          | Lowest channel  | 19965 | 1711.5          |
| Middle channel  | 20175 | 1732.5          | Middle channel  | 20175 | 1732.5          |
| Highest channel | 20393 | 1754.3          | Highest channel | 20385 | 1753.5          |
| 5 MHz           |       |                 | 10 MHz          |       |                 |
| Lowest channel  | 19975 | 1712.5          | Lowest channel  | 20000 | 1715.0          |
| Middle channel  | 20175 | 1732.5          | Middle channel  | 20175 | 1732.5          |
| Highest channel | 20375 | 1752.5          | Highest channel | 20350 | 1750.0          |
| 15 MHz          |       |                 | 20 MHz          |       |                 |
| Lowest channel  | 20025 | 1717.5          | Lowest channel  | 20050 | 1720.0          |
| Middle channel  | 20175 | 1732.5          | Middle channel  | 20175 | 1732.5          |
| Highest channel | 20325 | 1747.5          | Highest channel | 20300 | 1745.0          |
| LTE band 5      |       |                 |                 |       |                 |
| Channels        |       | Frequency (MHz) | Channels        |       | Frequency (MHz) |
| 1.4 MHz         |       |                 | 3 MHz           |       |                 |
| Lowest channel  | 20407 | 824.7           | Lowest channel  | 20415 | 825.5           |
| Middle channel  | 20525 | 836.5           | Middle channel  | 20525 | 836.5           |
| Highest channel | 20643 | 848.3           | Highest channel | 20635 | 847.5           |
| 5 MHz           |       |                 | 10 MHz          |       |                 |
| Lowest channel  | 20425 | 826.5           | Lowest channel  | 20450 | 829.0           |
| Middle channel  | 20525 | 836.5           | Middle channel  | 20525 | 836.5           |
| Highest channel | 20625 | 846.5           | Highest channel | 20600 | 844.0           |

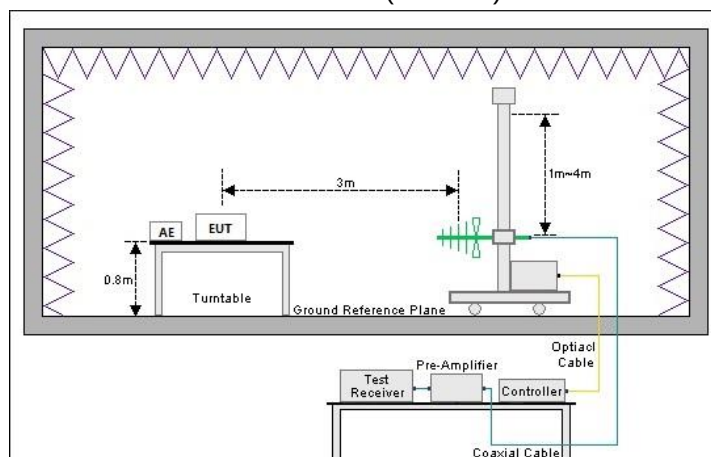
| LTE band 7              |       |                 |                 |       |                 |
|-------------------------|-------|-----------------|-----------------|-------|-----------------|
| Channels                |       | Frequency (MHz) | Channels        |       | Frequency (MHz) |
| 5 MHz                   |       |                 | 10 MHz          |       |                 |
| Lowest channel          | 20775 | 2502.5          | Lowest channel  | 20800 | 2505.0          |
| Middle channel          | 21100 | 2535.0          | Middle channel  | 21100 | 2535.0          |
| Highest channel         | 21425 | 2567.5          | Highest channel | 21400 | 2565.0          |
| 15 MHz                  |       |                 | 20 MHz          |       |                 |
| Lowest channel          | 20825 | 2507.5          | Lowest channel  | 20850 | 2510.0          |
| Middle channel          | 21100 | 2535.0          | Middle channel  | 21100 | 2535.0          |
| Highest channel         | 21375 | 2562.5          | Highest channel | 21350 | 2560.0          |
| LTE band 12             |       |                 |                 |       |                 |
| Channels                |       | Frequency (MHz) | Channels        |       | Frequency (MHz) |
| 1.4 MHz                 |       |                 | 3 MHz           |       |                 |
| Lowest channel          | 23017 | 699.70          | Lowest channel  | 23025 | 700.50          |
| Middle channel          | 23095 | 707.50          | Middle channel  | 23095 | 707.50          |
| Highest channel         | 23173 | 715.30          | Highest channel | 23165 | 714.50          |
| 5 MHz                   |       |                 | 10 MHz          |       |                 |
| Lowest channel          | 23035 | 701.50          | Lowest channel  | 23060 | 704.00          |
| Middle channel          | 23095 | 707.50          | Middle channel  | 23095 | 707.50          |
| Highest channel         | 23155 | 713.50          | Highest channel | 23130 | 711.00          |
| LTE band 17             |       |                 |                 |       |                 |
| 5 MHz                   |       |                 | 10 MHz          |       |                 |
| Lowest channel          | 23755 | 706.50          | Lowest channel  | 23780 | 709.00          |
| Middle channel          | 23790 | 710.00          | Middle channel  | 23790 | 710.00          |
| Highest channel         | 23825 | 713.50          | Highest channel | 23800 | 711.00          |
| LTE band 26 For Part 22 |       |                 |                 |       |                 |
| Channels                |       | Frequency (MHz) | Channels        |       | Frequency (MHz) |
| 1.4 MHz                 |       |                 | 3 MHz           |       |                 |
| Lowest channel          | 26797 | 824.7           | Lowest channel  | 26805 | 825.5           |
| Middle channel          | 26915 | 836.5           | Middle channel  | 26915 | 836.5           |
| Highest channel         | 27033 | 848.3           | Highest channel | 27025 | 847.5           |
| 5 MHz                   |       |                 | 10 MHz          |       |                 |
| Lowest channel          | 26815 | 826.5           | Lowest channel  | 26840 | 829.0           |
| Middle channel          | 26915 | 836.5           | Middle channel  | 26915 | 836.5           |
| Highest channel         | 27015 | 846.5           | Highest channel | 26990 | 844.0           |
| 15 MHz                  |       |                 |                 |       |                 |
| Lowest channel          | 26865 | 831.5           |                 |       |                 |
| Middle channel          | 26915 | 836.5           |                 |       |                 |
| Highest channel         | 26965 | 841.5           |                 |       |                 |

| LTE band 26 For Part 90 |        |                 |                 |        |                 |
|-------------------------|--------|-----------------|-----------------|--------|-----------------|
| Channels                |        | Frequency (MHz) | Channels        |        | Frequency (MHz) |
| <b>1.4 MHz</b>          |        |                 | <b>3 MHz</b>    |        |                 |
| Lowest channel          | 26697  | 814.7           | Lowest channel  | 26705  | 815.5           |
| Middle channel          | 26740  | 819.0           | Middle channel  | 26740  | 819.0           |
| Highest channel         | 26783  | 823.3           | Highest channel | 26775  | 822.5           |
| <b>5 MHz</b>            |        |                 | <b>10 MHz</b>   |        |                 |
| Lowest channel          | 26715  | 816.5           | Lowest channel  | /      | /               |
| Middle channel          | 26740  | 819.0           | Middle channel  | 26740  | 819.0           |
| Highest channel         | 26765  | 821.5           | Highest channel | /      | /               |
| LTE band 38             |        |                 |                 |        |                 |
| Channels                |        | Frequency (MHz) | Channels        |        | Frequency (MHz) |
| <b>5 MHz</b>            |        |                 | <b>10 MHz</b>   |        |                 |
| Lowest channel          | 37775  | 2572.5          | Lowest channel  | 37800  | 2575.0          |
| Middle channel          | 38000  | 2595.0          | Middle channel  | 38000  | 2595.0          |
| Highest channel         | 38225  | 2617.5          | Highest channel | 38200  | 2615.0          |
| <b>15 MHz</b>           |        |                 | <b>20 MHz</b>   |        |                 |
| Lowest channel          | 37825  | 2577.5          | Lowest channel  | 37850  | 2580.0          |
| Middle channel          | 38000  | 2595.0          | Middle channel  | 38000  | 2595.0          |
| Highest channel         | 38175  | 2612.5          | Highest channel | 38150  | 2610.0          |
| LTE band 41             |        |                 |                 |        |                 |
| Channels                |        | Frequency (MHz) | Channels        |        | Frequency (MHz) |
| <b>5 MHz</b>            |        |                 | <b>10 MHz</b>   |        |                 |
| Lowest channel          | 40065  | 2537.50         | Lowest channel  | 40090  | 2540.00         |
| Middle channel          | 40640  | 2595.00         | Middle channel  | 40640  | 2595.00         |
| Highest channel         | 41215  | 2652.50         | Highest channel | 41190  | 2650.00         |
| <b>15 MHz</b>           |        |                 | <b>20 MHz</b>   |        |                 |
| Lowest channel          | 40115  | 2542.50         | Lowest channel  | 40140  | 2545.00         |
| Middle channel          | 40640  | 2595.00         | Middle channel  | 40640  | 2595.00         |
| Highest channel         | 41165  | 2647.50         | Highest channel | 41140  | 2645.00         |
| LTE band 66             |        |                 |                 |        |                 |
| Channels                |        | Frequency (MHz) | Channels        |        | Frequency (MHz) |
| <b>1.4 MHz</b>          |        |                 | <b>3 MHz</b>    |        |                 |
| Lowest channel          | 131979 | 1710.7          | Lowest channel  | 131987 | 1711.5          |
| Middle channel          | 132322 | 1745.0          | Middle channel  | 132322 | 1745.0          |
| Highest channel         | 132665 | 1779.3          | Highest channel | 132657 | 1778.5          |
| <b>5 MHz</b>            |        |                 | <b>10 MHz</b>   |        |                 |
| Lowest channel          | 131997 | 1712.5          | Lowest channel  | 132022 | 1715.0          |
| Middle channel          | 132322 | 1745.5          | Middle channel  | 132322 | 1745.0          |
| Highest channel         | 132647 | 1777.5          | Highest channel | 132622 | 1775.0          |
| <b>15 MHz</b>           |        |                 | <b>20 MHz</b>   |        |                 |
| Lowest channel          | 132047 | 1717.5          | Lowest channel  | 132072 | 1720.0          |
| Middle channel          | 132322 | 1745.0          | Middle channel  | 132322 | 1745.0          |
| Highest channel         | 132597 | 1772.5          | Highest channel | 132572 | 1770.0          |

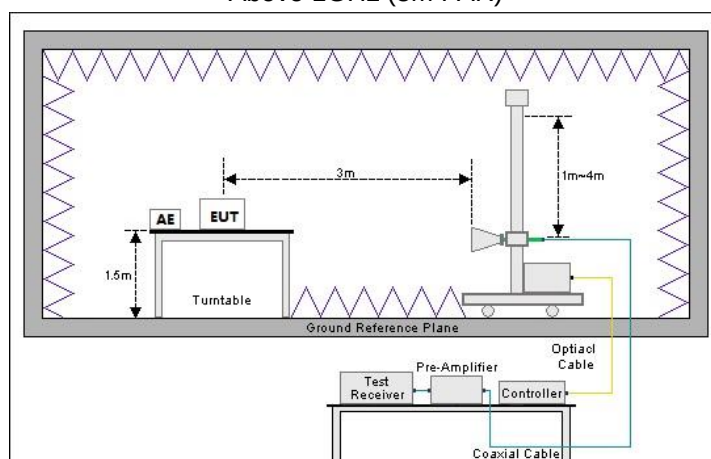
## 4.2 Test Setup

### 1) Radiated emission measurement:

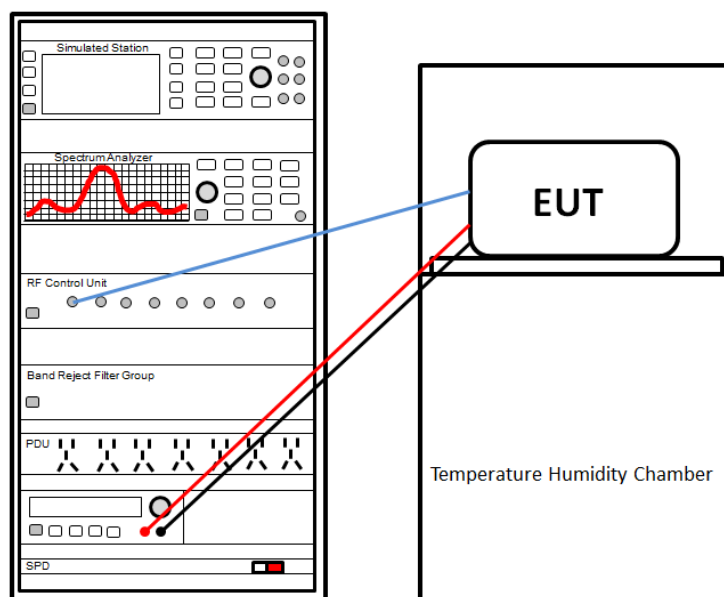
Below 1GHz (3m SAC)



Above 1GHz (3m FAR)



### 2) Conducted test method



## 4.3 Test Procedure

| Test method           | Test step                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Radiated emission     | <p><b>For below 1GHz:</b></p> <ol style="list-style-type: none"> <li>1. 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>2. 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>3. 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>1. 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>2. 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>3. 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>1. The LTE antenna port of EUT was connected to the test port of the test system through an RF cable.</li> <li>2. The EUT is keeping in continuous transmission mode and tested in all modulation modes.</li> <li>3. 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 Test Results

### 5.1 Summary

#### 5.1.1 Clause and Data Summary

| Test items                                                                                                                                                                                                                                                                                                    | Standard clause                                                                                                                         | Test data                                  | Result |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------|
| RF Exposure (SAR)                                                                                                                                                                                                                                                                                             | Part 1.1307<br>Part 2.1093                                                                                                              | See SAR Report                             | Pass   |
| RF Output Power                                                                                                                                                                                                                                                                                               | Part 2.1046<br>Part 22.913 (a)(5)<br>Part 24.232 (c)<br>Part 27.50 (c)(10)<br>Part 27.50 (d)(4)<br>Part 27.50 (h)(2)<br>Part 90.635 (b) | Appendix – LTE ANT1<br>Appendix – LTE ANT4 | Pass   |
| Peak-to-Average Power Ratio                                                                                                                                                                                                                                                                                   | Part 24.232 (d)<br>Part 27.50 (d)(5)                                                                                                    | Appendix – LTE ANT1<br>Appendix – LTE ANT4 | Pass   |
| Modulation Characteristics                                                                                                                                                                                                                                                                                    | Part 2.1047                                                                                                                             | Appendix – LTE ANT1<br>Appendix – LTE ANT4 | Pass   |
| 26dB Emission Bandwidth<br>99% Occupied Bandwidth                                                                                                                                                                                                                                                             | Part 2.1049                                                                                                                             | Appendix – LTE ANT1<br>Appendix – LTE ANT4 | Pass   |
| Out of Band Emission at Antenna<br>Terminals                                                                                                                                                                                                                                                                  | Part 2.1051<br>Part 22.917 (a)<br>Part 24.238 (a)<br>Part 27.53 (g)<br>Part 27.53 (h)<br>Part 27.53 (m)(4)<br>Part 90.691 (a)           | Appendix – LTE ANT1<br>Appendix – LTE ANT4 | Pass   |
| Field Strength of Spurious Radiation                                                                                                                                                                                                                                                                          | Part 2.1053<br>Part 22.917 (a)<br>Part 24.238 (a)<br>Part 27.53 (g)<br>Part 27.53 (h)<br>Part 27.53 (m)(4)<br>Part 90.691 (a)           | See Section 5.2                            | Pass   |
| Frequency Stability vs. Temperature                                                                                                                                                                                                                                                                           | Part 2.1055 (a)(1)(b)<br>Part 22.355<br>Part 24.235<br>Part 27.54<br>Part 90.213 (a)                                                    | Appendix – LTE ANT1<br>Appendix – LTE ANT4 | Pass   |
| Frequency Stability vs. Voltage                                                                                                                                                                                                                                                                               | Part 2.1055 (d)(2)<br>Part 22.355<br>Part 24.235<br>Part 27.54<br>Part 90.213 (a)                                                       | Appendix – LTE ANT1<br>Appendix – LTE ANT4 | Pass   |
| <b>Remark:</b><br>1. Pass: The EUT complies with the essential requirements in the standard.<br>2. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB (Fundamental Frequency below 1GHz)/1.0dB (Fundamental Frequency above 1GHz) (provided by the customer). |                                                                                                                                         |                                            |        |
| <b>Test Method:</b>                                                                                                                                                                                                                                                                                           | ANSI/TIA-603-E-2016<br>ANSI C63.26-2015                                                                                                 |                                            |        |

## 5.1.2 Test Limit

| Test items                                        | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RF Output Power                                   | <b>LTE band 2/7/38/41:</b> 2W EIRP<br><b>LTE band 4/66:</b> 1W EIRP<br><b>LTE band 5/26(Part 22):</b> 7W ERP<br><b>LTE band 12/17:</b> 3W ERP<br><b>LTE band 26(Part 90):</b> 100W EIRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Peak-to-Average Power Ratio                       | <b>LTE band 2/4/26:</b> The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB<br><b>Other bands:</b> N/A report only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Modulation Characteristics                        | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 26dB Emission Bandwidth<br>99% Occupied Bandwidth | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Out of Band Emission at Antenna Terminals         | <b>LTE band 2, 4, 5, 12, 17, 26(Part 22), 66:</b><br>The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Field Strength of Spurious Radiation              | <b>LTE band 7, 38, 41:</b><br>For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz.                                                                                                                                                                                                             |
|                                                   | <b>LTE band 26(Part 90):</b><br>(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.<br>(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz. |

Frequency Stability vs. Temperature

Frequency Stability vs. Voltage

## LTE band 2:

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

## LTE band 4, 7, 12, 17, 38, 41, 66:

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

## LTE band 5, 26(Part 22):

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section.

TABLE C-1—FREQUENCY TOLERANCE FOR TRANSMITTERS IN THE PUBLIC MOBILE SERVICES

| Frequency range (MHz) | Base, fixed (ppm) | Mobile >3 watts (ppm) | Mobile ≤3 watts (ppm) |
|-----------------------|-------------------|-----------------------|-----------------------|
| 25 to 50              | 20.0              | 20.0                  | 50.0                  |
| 50 to 450             | 5.0               | 5.0                   | 50.0                  |
| 450 to 512            | 2.5               | 5.0                   | 5.0                   |
| 821 to 896            | 1.5               | 2.5                   | 2.5                   |
| 928 to 929            | 5.0               | n/a                   | n/a                   |
| 929 to 960            | 1.5               | n/a                   | n/a                   |
| 2110 to 2220          | 10.0              | n/a                   | n/a                   |

## LTE band 26(Part 90):

Part 90.213(a): Unless noted elsewhere, transmitters used in the services governed by this part must have a minimum frequency stability as specified in the following table.

| Frequency range (MHz)    | Fixed and base stations | Mobile stations           |                              |
|--------------------------|-------------------------|---------------------------|------------------------------|
|                          |                         | Over 2 watts output power | 2 watts or less output power |
| Below 25                 | <sup>1 2 3</sup> 100    | 100                       | 200                          |
| 25-50                    | 20                      | 20                        | 50                           |
| 72-76                    | 5                       |                           | 50                           |
| 150-174                  | <sup>5 11</sup> 5       | <sup>6 5</sup>            | <sup>4 6</sup> 50            |
| 216-220                  | 1.0                     |                           | 1.0                          |
| 220-222 <sup>12</sup>    | 0.1                     | 1.5                       | 1.5                          |
| 421-512                  | <sup>7 11 14</sup> 2.5  | <sup>8 5</sup>            | <sup>8 5</sup>               |
| 806-809                  | <sup>14</sup> 1.0       | 1.5                       | 1.5                          |
| 809-824                  | <sup>14</sup> 1.5       | 2.5                       | 2.5                          |
| 851-854                  | 1.0                     | 1.5                       | 1.5                          |
| 854-869                  | 1.5                     | 2.5                       | 2.5                          |
| 896-901                  | <sup>14</sup> 0.1       | 1.5                       | 1.5                          |
| 902-928                  | 2.5                     | 2.5                       | 2.5                          |
| 902-928 <sup>13</sup>    | 2.5                     | 2.5                       | 2.5                          |
| 929-930                  | 1.5                     |                           |                              |
| 935-940                  | 0.1                     | 1.5                       | 1.5                          |
| 1427-1435                | <sup>9</sup> 300        | 300                       | 300                          |
| Above 2450 <sup>10</sup> |                         |                           |                              |

## 5.2 Field Strength of Spurious Radiation Measurement

Note: All bandwidths, modulation types and RB configurations were pretested, and it was found that minimum bandwidths, QPSK modulation and 1RB0 were the worst modes, and only the worst modes were reflected in the report.

| LTE band 2 – 1.4 MHz bandwidth – ANT1                                                                              |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3701.40                                                                                                            | -63.57              | -0.36       | -63.93      | -13.00      | 50.93       | Vertical     |
| 5552.10                                                                                                            | -62.48              | 4.16        | -58.32      | -13.00      | 45.32       | Vertical     |
| 7402.00                                                                                                            | -64.24              | 6.10        | -58.14      | -13.00      | 45.14       | Vertical     |
| 3701.40                                                                                                            | -62.80              | -0.17       | -62.97      | -13.00      | 49.97       | Horizontal   |
| 5552.10                                                                                                            | -64.61              | 4.07        | -60.54      | -13.00      | 47.54       | Horizontal   |
| 7402.00                                                                                                            | -64.87              | 5.78        | -59.09      | -13.00      | 46.09       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3760.00                                                                                                            | -63.07              | -1.01       | -64.08      | -13.00      | 51.08       | Vertical     |
| 5640.00                                                                                                            | -62.17              | 3.96        | -58.21      | -13.00      | 45.21       | Vertical     |
| 7520.00                                                                                                            | -64.72              | 5.55        | -59.17      | -13.00      | 46.17       | Vertical     |
| 3760.00                                                                                                            | -62.94              | -0.56       | -63.50      | -13.00      | 50.50       | Horizontal   |
| 5640.00                                                                                                            | -64.29              | 4.14        | -60.15      | -13.00      | 47.15       | Horizontal   |
| 7520.00                                                                                                            | -64.65              | 5.56        | -59.09      | -13.00      | 46.09       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3816.60                                                                                                            | -62.95              | -0.59       | -63.54      | -13.00      | 50.54       | Vertical     |
| 5724.90                                                                                                            | -62.30              | 3.42        | -58.88      | -13.00      | 45.88       | Vertical     |
| 7633.20                                                                                                            | -64.85              | 6.40        | -58.45      | -13.00      | 45.45       | Vertical     |
| 3816.60                                                                                                            | -62.53              | -0.10       | -62.63      | -13.00      | 49.63       | Horizontal   |
| 5724.90                                                                                                            | -64.45              | 3.80        | -60.65      | -13.00      | 47.65       | Horizontal   |
| 7633.20                                                                                                            | -64.43              | 6.24        | -58.19      | -13.00      | 45.19       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 4 – 1.4 MHz bandwidth – ANT1                                                                              |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3421.40                                                                                                            | -62.65              | -2.15       | -64.80      | -13.00      | 51.80       | Vertical     |
| 5132.10                                                                                                            | -64.60              | 3.80        | -60.80      | -13.00      | 47.80       | Vertical     |
| 6842.80                                                                                                            | -64.54              | 5.86        | -58.68      | -13.00      | 45.68       | Vertical     |
| 3421.40                                                                                                            | -62.98              | -2.22       | -65.20      | -13.00      | 52.20       | Horizontal   |
| 5132.10                                                                                                            | -64.24              | 3.86        | -60.38      | -13.00      | 47.38       | Horizontal   |
| 6842.80                                                                                                            | -63.71              | 6.07        | -57.64      | -13.00      | 44.64       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3465.00                                                                                                            | -62.57              | -2.54       | -65.11      | -13.00      | 52.11       | Vertical     |
| 5197.50                                                                                                            | -64.16              | 3.25        | -60.91      | -13.00      | 47.91       | Vertical     |
| 6930.00                                                                                                            | -64.15              | 5.20        | -58.95      | -13.00      | 45.95       | Vertical     |
| 3465.00                                                                                                            | -62.59              | -2.54       | -65.13      | -13.00      | 52.13       | Horizontal   |
| 5197.50                                                                                                            | -64.67              | 3.17        | -61.50      | -13.00      | 48.50       | Horizontal   |
| 6930.00                                                                                                            | -63.95              | 5.17        | -58.78      | -13.00      | 45.78       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3508.60                                                                                                            | -62.72              | -3.13       | -65.85      | -13.00      | 52.85       | Vertical     |
| 5262.90                                                                                                            | -64.39              | 3.11        | -61.28      | -13.00      | 48.28       | Vertical     |
| 7017.20                                                                                                            | -63.71              | 5.74        | -57.97      | -13.00      | 44.97       | Vertical     |
| 3508.60                                                                                                            | -62.14              | -2.96       | -65.10      | -13.00      | 52.10       | Horizontal   |
| 5262.90                                                                                                            | -64.93              | 3.46        | -61.47      | -13.00      | 48.47       | Horizontal   |
| 7017.20                                                                                                            | -63.48              | 5.80        | -57.68      | -13.00      | 44.68       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 5 – 1.4 MHz bandwidth – ANT1                                                                              |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1649.40                                                                                                            | -60.06              | -11.51      | -71.57      | -13.00      | 58.57       | Vertical     |
| 2474.10                                                                                                            | -41.89              | -8.67       | -50.56      | -13.00      | 37.56       | Vertical     |
| 3298.80                                                                                                            | -62.60              | -3.89       | -66.49      | -13.00      | 53.49       | Vertical     |
| 1649.40                                                                                                            | -60.31              | -10.85      | -71.16      | -13.00      | 58.16       | Horizontal   |
| 2474.10                                                                                                            | -37.60              | -9.13       | -46.73      | -13.00      | 33.73       | Horizontal   |
| 3298.80                                                                                                            | -62.07              | -3.96       | -66.03      | -13.00      | 53.03       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1673.30                                                                                                            | -60.36              | -10.70      | -71.06      | -13.00      | 58.06       | Vertical     |
| 2509.50                                                                                                            | -42.37              | -8.66       | -51.03      | -13.00      | 38.03       | Vertical     |
| 3346.00                                                                                                            | -62.85              | -3.33       | -66.18      | -13.00      | 53.18       | Vertical     |
| 1673.30                                                                                                            | -59.96              | -10.28      | -70.24      | -13.00      | 57.24       | Horizontal   |
| 2509.50                                                                                                            | -38.08              | -8.73       | -46.81      | -13.00      | 33.81       | Horizontal   |
| 3346.00                                                                                                            | -62.38              | -3.42       | -65.80      | -13.00      | 52.80       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1696.60                                                                                                            | -59.70              | -9.90       | -69.60      | -13.00      | 56.60       | Vertical     |
| 2544.90                                                                                                            | -42.32              | -8.45       | -50.77      | -13.00      | 37.77       | Vertical     |
| 3393.20                                                                                                            | -62.35              | -2.59       | -64.94      | -13.00      | 51.94       | Vertical     |
| 1696.60                                                                                                            | -60.06              | -9.70       | -69.76      | -13.00      | 56.76       | Horizontal   |
| 2544.90                                                                                                            | -37.34              | -8.21       | -45.55      | -13.00      | 32.55       | Horizontal   |
| 3393.20                                                                                                            | -62.07              | -2.65       | -64.72      | -13.00      | 51.72       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 7 – 5 MHz bandwidth – ANT1                                                              |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                   |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                  | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5005.00                                                                                          | -64.50              | 3.69        | -60.81      | -25.00      | 35.81       | Vertical     |
| 7507.50                                                                                          | -64.98              | 5.56        | -59.42      | -25.00      | 34.42       | Vertical     |
| 10010.00                                                                                         | -66.10              | 10.09       | -56.01      | -25.00      | 31.01       | Vertical     |
| 5005.00                                                                                          | -62.80              | 4.02        | -58.78      | -25.00      | 33.78       | Horizontal   |
| 7507.50                                                                                          | -64.54              | 5.56        | -58.98      | -25.00      | 33.98       | Horizontal   |
| 10010.00                                                                                         | -66.78              | 9.47        | -57.31      | -25.00      | 32.31       | Horizontal   |
| Middle channel                                                                                   |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                  | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5070.00                                                                                          | -64.18              | 4.23        | -59.95      | -25.00      | 34.95       | Vertical     |
| 7605.00                                                                                          | -64.63              | 6.06        | -58.57      | -25.00      | 33.57       | Vertical     |
| 10140.00                                                                                         | -67.06              | 10.48       | -56.58      | -25.00      | 31.58       | Vertical     |
| 5070.00                                                                                          | -62.17              | 3.51        | -58.66      | -25.00      | 33.66       | Horizontal   |
| 7605.00                                                                                          | -63.36              | 5.95        | -57.41      | -25.00      | 32.41       | Horizontal   |
| 10140.00                                                                                         | -66.83              | 10.21       | -56.62      | -25.00      | 31.62       | Horizontal   |
| Highest channel                                                                                  |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                  | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5135.00                                                                                          | -64.85              | 3.78        | -61.07      | -25.00      | 36.07       | Vertical     |
| 7702.50                                                                                          | -65.25              | 6.22        | -59.03      | -25.00      | 34.03       | Vertical     |
| 10270.00                                                                                         | -65.88              | 11.48       | -54.40      | -25.00      | 29.40       | Vertical     |
| 5135.00                                                                                          | -63.07              | 3.83        | -59.24      | -25.00      | 34.24       | Horizontal   |
| 7702.50                                                                                          | -64.84              | 5.97        | -58.87      | -25.00      | 33.87       | Horizontal   |
| 10270.00                                                                                         | -67.20              | 11.00       | -56.20      | -25.00      | 31.20       | Horizontal   |
| <b>Remark:</b>                                                                                   |                     |             |             |             |             |              |
| 1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 12 – 1.4 MHz bandwidth – ANT1                                                                             |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1399.40                                                                                                            | -56.37              | -11.68      | -68.05      | -13.00      | 55.05       | Vertical     |
| 2099.10                                                                                                            | -45.50              | -9.89       | -55.39      | -13.00      | 42.39       | Vertical     |
| 2798.80                                                                                                            | -61.29              | -7.09       | -68.38      | -13.00      | 55.38       | Vertical     |
| 1399.40                                                                                                            | -54.79              | -11.43      | -66.22      | -13.00      | 53.22       | Horizontal   |
| 2099.10                                                                                                            | -42.55              | -9.44       | -51.99      | -13.00      | 38.99       | Horizontal   |
| 2798.80                                                                                                            | -61.69              | -6.71       | -68.40      | -13.00      | 55.40       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1415.00                                                                                                            | -56.01              | -11.77      | -67.78      | -13.00      | 54.78       | Vertical     |
| 2122.50                                                                                                            | -45.05              | -9.58       | -54.63      | -13.00      | 41.63       | Vertical     |
| 2830.00                                                                                                            | -61.62              | -6.50       | -68.12      | -13.00      | 55.12       | Vertical     |
| 1415.00                                                                                                            | -54.53              | -11.45      | -65.98      | -13.00      | 52.98       | Horizontal   |
| 2122.50                                                                                                            | -42.11              | -8.86       | -50.97      | -13.00      | 37.97       | Horizontal   |
| 2830.00                                                                                                            | -62.06              | -5.97       | -68.03      | -13.00      | 55.03       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1430.60                                                                                                            | -55.91              | -11.92      | -67.83      | -13.00      | 54.83       | Vertical     |
| 2145.90                                                                                                            | -45.84              | -9.51       | -55.35      | -13.00      | 42.35       | Vertical     |
| 2861.20                                                                                                            | -60.95              | -5.55       | -66.50      | -13.00      | 53.50       | Vertical     |
| 1430.60                                                                                                            | -55.19              | -11.66      | -66.85      | -13.00      | 53.85       | Horizontal   |
| 2145.90                                                                                                            | -42.20              | -9.15       | -51.35      | -13.00      | 38.35       | Horizontal   |
| 2861.20                                                                                                            | -61.60              | -5.44       | -67.04      | -13.00      | 54.04       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 17 – 5 MHz bandwidth – ANT1                                                                               |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1413.00                                                                                                            | -58.69              | -12.29      | -70.98      | -13.00      | 57.98       | Vertical     |
| 2119.50                                                                                                            | -50.47              | -9.97       | -60.44      | -13.00      | 47.44       | Vertical     |
| 2826.00                                                                                                            | -62.87              | -7.59       | -70.46      | -13.00      | 57.46       | Vertical     |
| 1413.00                                                                                                            | -58.71              | -11.98      | -70.69      | -13.00      | 57.69       | Horizontal   |
| 2119.50                                                                                                            | -47.98              | -9.21       | -57.19      | -13.00      | 44.19       | Horizontal   |
| 2826.00                                                                                                            | -62.41              | -7.02       | -69.43      | -13.00      | 56.43       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1420.00                                                                                                            | -58.38              | -12.41      | -70.79      | -13.00      | 57.79       | Vertical     |
| 2130.00                                                                                                            | -50.28              | -9.81       | -60.09      | -13.00      | 47.09       | Vertical     |
| 2840.00                                                                                                            | -61.95              | -6.98       | -68.93      | -13.00      | 55.93       | Vertical     |
| 1420.00                                                                                                            | -57.98              | -12.07      | -70.05      | -13.00      | 57.05       | Horizontal   |
| 2130.00                                                                                                            | -47.64              | -9.20       | -56.84      | -13.00      | 43.84       | Horizontal   |
| 2840.00                                                                                                            | -61.64              | -6.59       | -68.23      | -13.00      | 55.23       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1427.00                                                                                                            | -58.53              | -12.46      | -70.99      | -13.00      | 57.99       | Vertical     |
| 2140.50                                                                                                            | -50.51              | -9.69       | -60.20      | -13.00      | 47.20       | Vertical     |
| 2854.00                                                                                                            | -62.41              | -7.47       | -69.88      | -13.00      | 56.88       | Vertical     |
| 1427.00                                                                                                            | -58.31              | -12.16      | -70.47      | -13.00      | 57.47       | Horizontal   |
| 2140.50                                                                                                            | -47.87              | -9.24       | -57.11      | -13.00      | 44.11       | Horizontal   |
| 2854.00                                                                                                            | -62.05              | -7.27       | -69.32      | -13.00      | 56.32       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 26(Part 22) – 1.4 MHz bandwidth – ANT1                                                                    |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1649.40                                                                                                            | -60.36              | -11.51      | -71.87      | -13.00      | 58.87       | Vertical     |
| 2474.10                                                                                                            | -43.60              | -8.67       | -52.27      | -13.00      | 39.27       | Vertical     |
| 3298.80                                                                                                            | -62.88              | -3.89       | -66.77      | -13.00      | 53.77       | Vertical     |
| 1649.40                                                                                                            | -56.91              | -10.85      | -67.76      | -13.00      | 54.76       | Horizontal   |
| 2474.10                                                                                                            | -41.39              | -9.13       | -50.52      | -13.00      | 37.52       | Horizontal   |
| 3298.80                                                                                                            | -63.15              | -3.96       | -67.11      | -13.00      | 54.11       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1673.00                                                                                                            | -60.45              | -10.70      | -71.15      | -13.00      | 58.15       | Vertical     |
| 2509.50                                                                                                            | -43.60              | -8.66       | -52.26      | -13.00      | 39.26       | Vertical     |
| 3346.00                                                                                                            | -62.67              | -3.33       | -66.00      | -13.00      | 53.00       | Vertical     |
| 1673.00                                                                                                            | -56.84              | -10.28      | -67.12      | -13.00      | 54.12       | Horizontal   |
| 2509.50                                                                                                            | -41.14              | -8.73       | -49.87      | -13.00      | 36.87       | Horizontal   |
| 3346.00                                                                                                            | -62.71              | -3.42       | -66.13      | -13.00      | 53.13       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1696.60                                                                                                            | -60.38              | -9.90       | -70.28      | -13.00      | 57.28       | Vertical     |
| 2544.90                                                                                                            | -44.09              | -8.45       | -52.54      | -13.00      | 39.54       | Vertical     |
| 3393.20                                                                                                            | -62.93              | -2.59       | -65.52      | -13.00      | 52.52       | Vertical     |
| 1696.60                                                                                                            | -57.09              | -9.70       | -66.79      | -13.00      | 53.79       | Horizontal   |
| 2544.90                                                                                                            | -40.73              | -8.21       | -48.94      | -13.00      | 35.94       | Horizontal   |
| 3393.20                                                                                                            | -62.23              | -2.65       | -64.88      | -13.00      | 51.88       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 26(Part 90) – 1.4 MHz bandwidth – ANT1                                                                    |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1629.40                                                                                                            | -60.00              | -12.21      | -72.21      | -13.00      | 59.21       | Vertical     |
| 2444.10                                                                                                            | -49.01              | -8.84       | -57.85      | -13.00      | 44.85       | Vertical     |
| 3258.80                                                                                                            | -62.49              | -3.57       | -66.06      | -13.00      | 53.06       | Vertical     |
| 1629.40                                                                                                            | -60.02              | -11.35      | -71.37      | -13.00      | 58.37       | Horizontal   |
| 2444.10                                                                                                            | -44.44              | -9.23       | -53.67      | -13.00      | 40.67       | Horizontal   |
| 3258.80                                                                                                            | -62.60              | -3.42       | -66.02      | -13.00      | 53.02       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1638.00                                                                                                            | -60.24              | -11.90      | -72.14      | -13.00      | 59.14       | Vertical     |
| 2457.00                                                                                                            | -49.16              | -8.75       | -57.91      | -13.00      | 44.91       | Vertical     |
| 3276.00                                                                                                            | -62.42              | -3.71       | -66.13      | -13.00      | 53.13       | Vertical     |
| 1638.00                                                                                                            | -60.36              | -11.13      | -71.49      | -13.00      | 58.49       | Horizontal   |
| 2457.00                                                                                                            | -44.60              | -9.20       | -53.80      | -13.00      | 40.80       | Horizontal   |
| 3276.00                                                                                                            | -62.57              | -3.65       | -66.22      | -13.00      | 53.22       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1646.60                                                                                                            | -60.13              | -11.60      | -71.73      | -13.00      | 58.73       | Vertical     |
| 2469.90                                                                                                            | -48.93              | -8.67       | -57.60      | -13.00      | 44.60       | Vertical     |
| 3293.20                                                                                                            | -62.75              | -3.85       | -66.60      | -13.00      | 53.60       | Vertical     |
| 1646.60                                                                                                            | -60.29              | -10.92      | -71.21      | -13.00      | 58.21       | Horizontal   |
| 2469.90                                                                                                            | -44.94              | -9.18       | -54.12      | -13.00      | 41.12       | Horizontal   |
| 3293.20                                                                                                            | -63.09              | -3.88       | -66.97      | -13.00      | 53.97       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 38 – 5 MHz bandwidth – ANT1                                                                               |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5145.00                                                                                                            | -62.37              | 3.70        | -58.67      | -25.00      | 33.67       | Vertical     |
| 7717.50                                                                                                            | -64.54              | 6.36        | -58.18      | -25.00      | 33.18       | Vertical     |
| 10290.00                                                                                                           | -66.29              | 11.95       | -54.34      | -25.00      | 29.34       | Vertical     |
| 5145.00                                                                                                            | -61.47              | 3.73        | -57.74      | -25.00      | 32.74       | Horizontal   |
| 7717.50                                                                                                            | -63.27              | 6.10        | -57.17      | -25.00      | 32.17       | Horizontal   |
| 10290.00                                                                                                           | -66.89              | 11.52       | -55.37      | -25.00      | 30.37       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5190.00                                                                                                            | -62.13              | 3.33        | -58.80      | -25.00      | 33.80       | Vertical     |
| 7785.00                                                                                                            | -64.57              | 8.39        | -56.18      | -25.00      | 31.18       | Vertical     |
| 10380.00                                                                                                           | -66.53              | 10.75       | -55.78      | -25.00      | 30.78       | Vertical     |
| 5190.00                                                                                                            | -61.38              | 3.26        | -58.12      | -25.00      | 33.12       | Horizontal   |
| 7785.00                                                                                                            | -63.17              | 8.24        | -54.93      | -25.00      | 29.93       | Horizontal   |
| 10380.00                                                                                                           | -66.87              | 10.21       | -56.66      | -25.00      | 31.66       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5235.00                                                                                                            | -62.36              | 3.17        | -59.19      | -25.00      | 34.19       | Vertical     |
| 7852.50                                                                                                            | -64.59              | 8.52        | -56.07      | -25.00      | 31.07       | Vertical     |
| 10470.00                                                                                                           | -66.12              | 11.86       | -54.26      | -25.00      | 29.26       | Vertical     |
| 5235.00                                                                                                            | -61.74              | 3.32        | -58.42      | -25.00      | 33.42       | Horizontal   |
| 7852.50                                                                                                            | -63.25              | 8.28        | -54.97      | -25.00      | 29.97       | Horizontal   |
| 10470.00                                                                                                           | -66.96              | 11.27       | -55.69      | -25.00      | 30.69       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 41 – 5 MHz bandwidth – ANT1                                                                               |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5075.00                                                                                                            | -61.56              | 4.18        | -57.38      | -25.00      | 32.38       | Vertical     |
| 7612.50                                                                                                            | -63.16              | 6.15        | -57.01      | -25.00      | 32.01       | Vertical     |
| 10150.00                                                                                                           | -67.00              | 10.32       | -56.68      | -25.00      | 31.68       | Vertical     |
| 5075.00                                                                                                            | -61.42              | 3.52        | -57.90      | -25.00      | 32.90       | Horizontal   |
| 7612.50                                                                                                            | -62.28              | 6.03        | -56.25      | -25.00      | 31.25       | Horizontal   |
| 10150.00                                                                                                           | -66.73              | 10.16       | -56.57      | -25.00      | 31.57       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5190.00                                                                                                            | -61.51              | 3.33        | -58.18      | -25.00      | 33.18       | Vertical     |
| 7785.00                                                                                                            | -63.04              | 8.39        | -54.65      | -25.00      | 29.65       | Vertical     |
| 10380.00                                                                                                           | -66.66              | 10.75       | -55.91      | -25.00      | 30.91       | Vertical     |
| 5190.00                                                                                                            | -61.47              | 3.26        | -58.21      | -25.00      | 33.21       | Horizontal   |
| 7785.00                                                                                                            | -62.41              | 8.24        | -54.17      | -25.00      | 29.17       | Horizontal   |
| 10380.00                                                                                                           | -66.70              | 10.21       | -56.49      | -25.00      | 31.49       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5305.00                                                                                                            | -61.47              | 3.67        | -57.80      | -25.00      | 32.80       | Vertical     |
| 7957.50                                                                                                            | -62.78              | 8.36        | -54.42      | -25.00      | 29.42       | Vertical     |
| 10610.00                                                                                                           | -66.73              | 12.12       | -54.61      | -25.00      | 29.61       | Vertical     |
| 5305.00                                                                                                            | -61.56              | 3.85        | -57.71      | -25.00      | 32.71       | Horizontal   |
| 7957.50                                                                                                            | -62.74              | 8.12        | -54.62      | -25.00      | 29.62       | Horizontal   |
| 10610.00                                                                                                           | -66.28              | 11.70       | -54.58      | -25.00      | 29.58       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 66 – 1.4 MHz bandwidth – ANT1                                                                             |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3421.40                                                                                                            | -62.54              | -2.15       | -64.69      | -13.00      | 51.69       | Vertical     |
| 5132.10                                                                                                            | -64.99              | 3.80        | -61.19      | -13.00      | 48.19       | Vertical     |
| 6842.80                                                                                                            | -65.08              | 5.86        | -59.22      | -13.00      | 46.22       | Vertical     |
| 3421.40                                                                                                            | -63.23              | -2.22       | -65.45      | -13.00      | 52.45       | Horizontal   |
| 5132.10                                                                                                            | -65.04              | 3.86        | -61.18      | -13.00      | 48.18       | Horizontal   |
| 6842.80                                                                                                            | -65.07              | 6.07        | -59.00      | -13.00      | 46.00       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3490.00                                                                                                            | -62.80              | -3.02       | -65.82      | -13.00      | 52.82       | Vertical     |
| 5235.00                                                                                                            | -64.69              | 3.17        | -61.52      | -13.00      | 48.52       | Vertical     |
| 6980.00                                                                                                            | -64.76              | 5.49        | -59.27      | -13.00      | 46.27       | Vertical     |
| 3490.00                                                                                                            | -63.18              | -2.92       | -66.10      | -13.00      | 53.10       | Horizontal   |
| 5235.00                                                                                                            | -64.63              | 3.32        | -61.31      | -13.00      | 48.31       | Horizontal   |
| 6980.00                                                                                                            | -65.01              | 5.46        | -59.55      | -13.00      | 46.55       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3558.60                                                                                                            | -62.36              | -2.25       | -64.61      | -13.00      | 51.61       | Vertical     |
| 5337.90                                                                                                            | -65.18              | 4.23        | -60.95      | -13.00      | 47.95       | Vertical     |
| 7117.20                                                                                                            | -64.75              | 5.53        | -59.22      | -13.00      | 46.22       | Vertical     |
| 3558.60                                                                                                            | -63.65              | -2.22       | -65.87      | -13.00      | 52.87       | Horizontal   |
| 5337.90                                                                                                            | -64.14              | 4.19        | -59.95      | -13.00      | 46.95       | Horizontal   |
| 7117.20                                                                                                            | -64.65              | 5.32        | -59.33      | -13.00      | 46.33       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 2 – 1.4 MHz bandwidth – ANT4                                                                              |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3701.40                                                                                                            | -61.90              | -0.36       | -62.26      | -13.00      | 49.26       | Vertical     |
| 5552.10                                                                                                            | -64.16              | 4.16        | -60.00      | -13.00      | 47.00       | Vertical     |
| 7402.00                                                                                                            | -65.30              | 6.10        | -59.20      | -13.00      | 46.20       | Vertical     |
| 3701.40                                                                                                            | -63.16              | -0.17       | -63.33      | -13.00      | 50.33       | Horizontal   |
| 5552.10                                                                                                            | -64.61              | 4.07        | -60.54      | -13.00      | 47.54       | Horizontal   |
| 7402.00                                                                                                            | -63.89              | 5.78        | -58.11      | -13.00      | 45.11       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3760.00                                                                                                            | -62.21              | -1.01       | -63.22      | -13.00      | 50.22       | Vertical     |
| 5640.00                                                                                                            | -64.40              | 3.96        | -60.44      | -13.00      | 47.44       | Vertical     |
| 7520.00                                                                                                            | -64.93              | 5.55        | -59.38      | -13.00      | 46.38       | Vertical     |
| 3760.00                                                                                                            | -63.18              | -0.56       | -63.74      | -13.00      | 50.74       | Horizontal   |
| 5640.00                                                                                                            | -64.45              | 4.14        | -60.31      | -13.00      | 47.31       | Horizontal   |
| 7520.00                                                                                                            | -64.30              | 5.56        | -58.74      | -13.00      | 45.74       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3816.60                                                                                                            | -62.14              | -0.59       | -62.73      | -13.00      | 49.73       | Vertical     |
| 5724.90                                                                                                            | -64.21              | 3.42        | -60.79      | -13.00      | 47.79       | Vertical     |
| 7633.20                                                                                                            | -65.68              | 6.40        | -59.28      | -13.00      | 46.28       | Vertical     |
| 3816.60                                                                                                            | -63.53              | -0.10       | -63.63      | -13.00      | 50.63       | Horizontal   |
| 5724.90                                                                                                            | -64.49              | 3.80        | -60.69      | -13.00      | 47.69       | Horizontal   |
| 7633.20                                                                                                            | -64.04              | 6.24        | -57.80      | -13.00      | 44.80       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 4 – 1.4 MHz bandwidth – ANT4                                                                              |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3421.40                                                                                                            | -62.57              | -2.15       | -64.72      | -13.00      | 51.72       | Vertical     |
| 5132.10                                                                                                            | -64.09              | 3.80        | -60.29      | -13.00      | 47.29       | Vertical     |
| 6842.80                                                                                                            | -64.99              | 5.86        | -59.13      | -13.00      | 46.13       | Vertical     |
| 3421.40                                                                                                            | -62.33              | -2.22       | -64.55      | -13.00      | 51.55       | Horizontal   |
| 5132.10                                                                                                            | -64.52              | 3.86        | -60.66      | -13.00      | 47.66       | Horizontal   |
| 6842.80                                                                                                            | -63.77              | 6.07        | -57.70      | -13.00      | 44.70       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3465.00                                                                                                            | -62.82              | -2.54       | -65.36      | -13.00      | 52.36       | Vertical     |
| 5197.50                                                                                                            | -64.42              | 3.25        | -61.17      | -13.00      | 48.17       | Vertical     |
| 6930.00                                                                                                            | -64.54              | 5.20        | -59.34      | -13.00      | 46.34       | Vertical     |
| 3465.00                                                                                                            | -62.66              | -2.54       | -65.20      | -13.00      | 52.20       | Horizontal   |
| 5197.50                                                                                                            | -64.81              | 3.17        | -61.64      | -13.00      | 48.64       | Horizontal   |
| 6930.00                                                                                                            | -64.21              | 5.17        | -59.04      | -13.00      | 46.04       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3508.60                                                                                                            | -63.23              | -3.13       | -66.36      | -13.00      | 53.36       | Vertical     |
| 5262.90                                                                                                            | -64.89              | 3.11        | -61.78      | -13.00      | 48.78       | Vertical     |
| 7017.20                                                                                                            | -64.31              | 5.74        | -58.57      | -13.00      | 45.57       | Vertical     |
| 3508.60                                                                                                            | -62.81              | -2.96       | -65.77      | -13.00      | 52.77       | Horizontal   |
| 5262.90                                                                                                            | -64.47              | 3.46        | -61.01      | -13.00      | 48.01       | Horizontal   |
| 7017.20                                                                                                            | -63.75              | 5.80        | -57.95      | -13.00      | 44.95       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 5 – 1.4 MHz bandwidth – ANT4                                                                              |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1649.40                                                                                                            | -53.27              | -11.51      | -64.78      | -13.00      | 51.78       | Vertical     |
| 2474.10                                                                                                            | -54.37              | -8.67       | -63.04      | -13.00      | 50.04       | Vertical     |
| 3298.80                                                                                                            | -62.65              | -3.89       | -66.54      | -13.00      | 53.54       | Vertical     |
| 1649.40                                                                                                            | -52.37              | -10.85      | -63.22      | -13.00      | 50.22       | Horizontal   |
| 2474.10                                                                                                            | -53.22              | -9.13       | -62.35      | -13.00      | 49.35       | Horizontal   |
| 3298.80                                                                                                            | -62.82              | -3.96       | -66.78      | -13.00      | 53.78       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1673.30                                                                                                            | -53.08              | -10.70      | -63.78      | -13.00      | 50.78       | Vertical     |
| 2509.50                                                                                                            | -54.63              | -8.66       | -63.29      | -13.00      | 50.29       | Vertical     |
| 3346.00                                                                                                            | -62.42              | -3.33       | -65.75      | -13.00      | 52.75       | Vertical     |
| 1673.30                                                                                                            | -52.41              | -10.28      | -62.69      | -13.00      | 49.69       | Horizontal   |
| 2509.50                                                                                                            | -53.23              | -8.73       | -61.96      | -13.00      | 48.96       | Horizontal   |
| 3346.00                                                                                                            | -62.45              | -3.42       | -65.87      | -13.00      | 52.87       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1696.60                                                                                                            | -53.31              | -9.90       | -63.21      | -13.00      | 50.21       | Vertical     |
| 2544.90                                                                                                            | -54.78              | -8.45       | -63.23      | -13.00      | 50.23       | Vertical     |
| 3393.20                                                                                                            | -62.32              | -2.59       | -64.91      | -13.00      | 51.91       | Vertical     |
| 1696.60                                                                                                            | -52.54              | -9.70       | -62.24      | -13.00      | 49.24       | Horizontal   |
| 2544.90                                                                                                            | -53.41              | -8.21       | -61.62      | -13.00      | 48.62       | Horizontal   |
| 3393.20                                                                                                            | -62.75              | -2.65       | -65.40      | -13.00      | 52.40       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 7 – 5 MHz bandwidth – ANT4                                                                                |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5005.00                                                                                                            | -63.92              | 3.69        | -60.23      | -25.00      | 35.23       | Vertical     |
| 7507.50                                                                                                            | -64.92              | 5.56        | -59.36      | -25.00      | 34.36       | Vertical     |
| 10010.00                                                                                                           | -66.30              | 10.09       | -56.21      | -25.00      | 31.21       | Vertical     |
| 5005.00                                                                                                            | -62.89              | 4.02        | -58.87      | -25.00      | 33.87       | Horizontal   |
| 7507.50                                                                                                            | -64.65              | 5.56        | -59.09      | -25.00      | 34.09       | Horizontal   |
| 10010.00                                                                                                           | -67.40              | 9.47        | -57.93      | -25.00      | 32.93       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5070.00                                                                                                            | -64.20              | 4.23        | -59.97      | -25.00      | 34.97       | Vertical     |
| 7605.00                                                                                                            | -65.12              | 6.06        | -59.06      | -25.00      | 34.06       | Vertical     |
| 10140.00                                                                                                           | -66.27              | 10.48       | -55.79      | -25.00      | 30.79       | Vertical     |
| 5070.00                                                                                                            | -63.25              | 3.51        | -59.74      | -25.00      | 34.74       | Horizontal   |
| 7605.00                                                                                                            | -64.64              | 5.95        | -58.69      | -25.00      | 33.69       | Horizontal   |
| 10140.00                                                                                                           | -67.22              | 10.21       | -57.01      | -25.00      | 32.01       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5135.00                                                                                                            | -63.76              | 3.78        | -59.98      | -25.00      | 34.98       | Vertical     |
| 7702.50                                                                                                            | -64.68              | 6.22        | -58.46      | -25.00      | 33.46       | Vertical     |
| 10270.00                                                                                                           | -65.94              | 11.48       | -54.46      | -25.00      | 29.46       | Vertical     |
| 5135.00                                                                                                            | -63.13              | 3.83        | -59.30      | -25.00      | 34.30       | Horizontal   |
| 7702.50                                                                                                            | -64.77              | 5.97        | -58.80      | -25.00      | 33.80       | Horizontal   |
| 10270.00                                                                                                           | -67.61              | 11.00       | -56.61      | -25.00      | 31.61       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 12 – 1.4 MHz bandwidth – ANT4                                                                             |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1399.40                                                                                                            | -58.07              | -11.68      | -69.75      | -13.00      | 56.75       | Vertical     |
| 2099.10                                                                                                            | -56.38              | -9.89       | -66.27      | -13.00      | 53.27       | Vertical     |
| 2798.80                                                                                                            | -61.54              | -7.09       | -68.63      | -13.00      | 55.63       | Vertical     |
| 1399.40                                                                                                            | -53.99              | -11.43      | -65.42      | -13.00      | 52.42       | Horizontal   |
| 2099.10                                                                                                            | -49.33              | -9.44       | -58.77      | -13.00      | 45.77       | Horizontal   |
| 2798.80                                                                                                            | -61.30              | -6.71       | -68.01      | -13.00      | 55.01       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1415.00                                                                                                            | -57.74              | -11.77      | -69.51      | -13.00      | 56.51       | Vertical     |
| 2122.50                                                                                                            | -55.97              | -9.58       | -65.55      | -13.00      | 52.55       | Vertical     |
| 2830.00                                                                                                            | -61.74              | -6.50       | -68.24      | -13.00      | 55.24       | Vertical     |
| 1415.00                                                                                                            | -53.79              | -11.45      | -65.24      | -13.00      | 52.24       | Horizontal   |
| 2122.50                                                                                                            | -49.73              | -8.86       | -58.59      | -13.00      | 45.59       | Horizontal   |
| 2830.00                                                                                                            | -61.53              | -5.97       | -67.50      | -13.00      | 54.50       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1430.60                                                                                                            | -57.78              | -11.92      | -69.70      | -13.00      | 56.70       | Vertical     |
| 2145.90                                                                                                            | -55.79              | -9.51       | -65.30      | -13.00      | 52.30       | Vertical     |
| 2861.20                                                                                                            | -62.22              | -5.55       | -67.77      | -13.00      | 54.77       | Vertical     |
| 1430.60                                                                                                            | -53.96              | -11.66      | -65.62      | -13.00      | 52.62       | Horizontal   |
| 2145.90                                                                                                            | -49.47              | -9.15       | -58.62      | -13.00      | 45.62       | Horizontal   |
| 2861.20                                                                                                            | -61.52              | -5.44       | -66.96      | -13.00      | 53.96       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 17 – 5 MHz bandwidth – ANT4                                                                               |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1413.00                                                                                                            | -57.72              | -12.29      | -70.01      | -13.00      | 57.01       | Vertical     |
| 2119.50                                                                                                            | -59.51              | -9.97       | -69.48      | -13.00      | 56.48       | Vertical     |
| 2826.00                                                                                                            | -61.73              | -7.59       | -69.32      | -13.00      | 56.32       | Vertical     |
| 1413.00                                                                                                            | -55.24              | -11.98      | -67.22      | -13.00      | 54.22       | Horizontal   |
| 2119.50                                                                                                            | -59.92              | -9.21       | -69.13      | -13.00      | 56.13       | Horizontal   |
| 2826.00                                                                                                            | -62.45              | -7.02       | -69.47      | -13.00      | 56.47       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1420.00                                                                                                            | -57.98              | -12.41      | -70.39      | -13.00      | 57.39       | Vertical     |
| 2130.00                                                                                                            | -59.69              | -9.81       | -69.50      | -13.00      | 56.50       | Vertical     |
| 2840.00                                                                                                            | -61.70              | -6.98       | -68.68      | -13.00      | 55.68       | Vertical     |
| 1420.00                                                                                                            | -55.34              | -12.07      | -67.41      | -13.00      | 54.41       | Horizontal   |
| 2130.00                                                                                                            | -59.83              | -9.20       | -69.03      | -13.00      | 56.03       | Horizontal   |
| 2840.00                                                                                                            | -62.18              | -6.59       | -68.77      | -13.00      | 55.77       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1427.00                                                                                                            | -58.35              | -12.46      | -70.81      | -13.00      | 57.81       | Vertical     |
| 2140.50                                                                                                            | -60.13              | -9.69       | -69.82      | -13.00      | 56.82       | Vertical     |
| 2854.00                                                                                                            | -61.47              | -7.47       | -68.94      | -13.00      | 55.94       | Vertical     |
| 1427.00                                                                                                            | -55.18              | -12.16      | -67.34      | -13.00      | 54.34       | Horizontal   |
| 2140.50                                                                                                            | -59.92              | -9.24       | -69.16      | -13.00      | 56.16       | Horizontal   |
| 2854.00                                                                                                            | -62.54              | -7.27       | -69.81      | -13.00      | 56.81       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 26(Part 22) – 1.4 MHz bandwidth – ANT4                                                                    |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1649.40                                                                                                            | -53.39              | -11.51      | -64.90      | -13.00      | 51.90       | Vertical     |
| 2474.10                                                                                                            | -53.99              | -8.67       | -62.66      | -13.00      | 49.66       | Vertical     |
| 3298.80                                                                                                            | -62.91              | -3.89       | -66.80      | -13.00      | 53.80       | Vertical     |
| 1649.40                                                                                                            | -47.43              | -10.85      | -58.28      | -13.00      | 45.28       | Horizontal   |
| 2474.10                                                                                                            | -51.59              | -9.13       | -60.72      | -13.00      | 47.72       | Horizontal   |
| 3298.80                                                                                                            | -62.90              | -3.96       | -66.86      | -13.00      | 53.86       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1673.00                                                                                                            | -53.36              | -10.70      | -64.06      | -13.00      | 51.06       | Vertical     |
| 2509.50                                                                                                            | -54.43              | -8.66       | -63.09      | -13.00      | 50.09       | Vertical     |
| 3346.00                                                                                                            | -62.76              | -3.33       | -66.09      | -13.00      | 53.09       | Vertical     |
| 1673.00                                                                                                            | -47.28              | -10.28      | -57.56      | -13.00      | 44.56       | Horizontal   |
| 2509.50                                                                                                            | -52.05              | -8.73       | -60.78      | -13.00      | 47.78       | Horizontal   |
| 3346.00                                                                                                            | -63.09              | -3.42       | -66.51      | -13.00      | 53.51       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1696.60                                                                                                            | -53.33              | -9.90       | -63.23      | -13.00      | 50.23       | Vertical     |
| 2544.90                                                                                                            | -54.31              | -8.45       | -62.76      | -13.00      | 49.76       | Vertical     |
| 3393.20                                                                                                            | -63.13              | -2.59       | -65.72      | -13.00      | 52.72       | Vertical     |
| 1696.60                                                                                                            | -46.88              | -9.70       | -56.58      | -13.00      | 43.58       | Horizontal   |
| 2544.90                                                                                                            | -51.97              | -8.21       | -60.18      | -13.00      | 47.18       | Horizontal   |
| 3393.20                                                                                                            | -63.13              | -2.65       | -65.78      | -13.00      | 52.78       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 26(Part 90) – 1.4 MHz bandwidth – ANT4                                                                    |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1629.40                                                                                                            | -56.89              | -12.21      | -69.10      | -13.00      | 56.10       | Vertical     |
| 2444.10                                                                                                            | -47.12              | -8.84       | -55.96      | -13.00      | 42.96       | Vertical     |
| 3258.80                                                                                                            | -62.49              | -3.57       | -66.06      | -13.00      | 53.06       | Vertical     |
| 1629.40                                                                                                            | -52.20              | -11.35      | -63.55      | -13.00      | 50.55       | Horizontal   |
| 2444.10                                                                                                            | -45.63              | -9.23       | -54.86      | -13.00      | 41.86       | Horizontal   |
| 3258.80                                                                                                            | -61.61              | -3.42       | -65.03      | -13.00      | 52.03       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1638.00                                                                                                            | -57.23              | -11.90      | -69.13      | -13.00      | 56.13       | Vertical     |
| 2457.00                                                                                                            | -46.97              | -8.75       | -55.72      | -13.00      | 42.72       | Vertical     |
| 3276.00                                                                                                            | -61.80              | -3.71       | -65.51      | -13.00      | 52.51       | Vertical     |
| 1638.00                                                                                                            | -51.84              | -11.13      | -62.97      | -13.00      | 49.97       | Horizontal   |
| 2457.00                                                                                                            | -45.62              | -9.20       | -54.82      | -13.00      | 41.82       | Horizontal   |
| 3276.00                                                                                                            | -62.08              | -3.65       | -65.73      | -13.00      | 52.73       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1646.60                                                                                                            | -56.90              | -11.60      | -68.50      | -13.00      | 55.50       | Vertical     |
| 2469.90                                                                                                            | -47.20              | -8.67       | -55.87      | -13.00      | 42.87       | Vertical     |
| 3293.20                                                                                                            | -62.07              | -3.85       | -65.92      | -13.00      | 52.92       | Vertical     |
| 1646.60                                                                                                            | -51.83              | -10.92      | -62.75      | -13.00      | 49.75       | Horizontal   |
| 2469.90                                                                                                            | -45.95              | -9.18       | -55.13      | -13.00      | 42.13       | Horizontal   |
| 3293.20                                                                                                            | -62.07              | -3.88       | -65.95      | -13.00      | 52.95       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 38 – 5 MHz bandwidth – ANT4                                                             |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                   |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                  | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5145.00                                                                                          | -61.28              | 3.70        | -57.58      | -25.00      | 32.58       | Vertical     |
| 7717.50                                                                                          | -62.64              | 6.36        | -56.28      | -25.00      | 31.28       | Vertical     |
| 10290.00                                                                                         | -66.77              | 11.95       | -54.82      | -25.00      | 29.82       | Vertical     |
| 5145.00                                                                                          | -58.76              | 3.73        | -55.03      | -25.00      | 30.03       | Horizontal   |
| 7717.50                                                                                          | -62.99              | 6.10        | -56.89      | -25.00      | 31.89       | Horizontal   |
| 10290.00                                                                                         | -66.53              | 11.52       | -55.01      | -25.00      | 30.01       | Horizontal   |
| Middle channel                                                                                   |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                  | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5190.00                                                                                          | -60.97              | 3.33        | -57.64      | -25.00      | 32.64       | Vertical     |
| 7785.00                                                                                          | -63.06              | 8.39        | -54.67      | -25.00      | 29.67       | Vertical     |
| 10380.00                                                                                         | -66.29              | 10.75       | -55.54      | -25.00      | 30.54       | Vertical     |
| 5190.00                                                                                          | -58.78              | 3.26        | -55.52      | -25.00      | 30.52       | Horizontal   |
| 7785.00                                                                                          | -62.77              | 8.24        | -54.53      | -25.00      | 29.53       | Horizontal   |
| 10380.00                                                                                         | -66.26              | 10.21       | -56.05      | -25.00      | 31.05       | Horizontal   |
| Highest channel                                                                                  |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                  | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5235.00                                                                                          | -60.65              | 3.17        | -57.48      | -25.00      | 32.48       | Vertical     |
| 7852.50                                                                                          | -63.37              | 8.52        | -54.85      | -25.00      | 29.85       | Vertical     |
| 10470.00                                                                                         | -66.66              | 11.86       | -54.80      | -25.00      | 29.80       | Vertical     |
| 5235.00                                                                                          | -58.72              | 3.32        | -55.40      | -25.00      | 30.40       | Horizontal   |
| 7852.50                                                                                          | -62.28              | 8.28        | -54.00      | -25.00      | 29.00       | Horizontal   |
| 10470.00                                                                                         | -66.29              | 11.27       | -55.02      | -25.00      | 30.02       | Horizontal   |
| <b>Remark:</b>                                                                                   |                     |             |             |             |             |              |
| 1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 41 – 5 MHz bandwidth – ANT4                                                             |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                   |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                  | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5075.00                                                                                          | -60.56              | 4.18        | -56.38      | -25.00      | 31.38       | Vertical     |
| 7612.50                                                                                          | -64.05              | 6.15        | -57.90      | -25.00      | 32.90       | Vertical     |
| 10150.00                                                                                         | -66.45              | 10.32       | -56.13      | -25.00      | 31.13       | Vertical     |
| 5075.00                                                                                          | -59.76              | 3.52        | -56.24      | -25.00      | 31.24       | Horizontal   |
| 7612.50                                                                                          | -63.01              | 6.03        | -56.98      | -25.00      | 31.98       | Horizontal   |
| 10150.00                                                                                         | -66.41              | 10.16       | -56.25      | -25.00      | 31.25       | Horizontal   |
| Middle channel                                                                                   |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                  | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5190.00                                                                                          | -60.48              | 3.33        | -57.15      | -25.00      | 32.15       | Vertical     |
| 7785.00                                                                                          | -63.88              | 8.39        | -55.49      | -25.00      | 30.49       | Vertical     |
| 10380.00                                                                                         | -66.39              | 10.75       | -55.64      | -25.00      | 30.64       | Vertical     |
| 5190.00                                                                                          | -60.11              | 3.26        | -56.85      | -25.00      | 31.85       | Horizontal   |
| 7785.00                                                                                          | -63.18              | 8.24        | -54.94      | -25.00      | 29.94       | Horizontal   |
| 10380.00                                                                                         | -66.39              | 10.21       | -56.18      | -25.00      | 31.18       | Horizontal   |
| Highest channel                                                                                  |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                  | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5305.00                                                                                          | -60.84              | 3.67        | -57.17      | -25.00      | 32.17       | Vertical     |
| 7957.50                                                                                          | -63.77              | 8.36        | -55.41      | -25.00      | 30.41       | Vertical     |
| 10610.00                                                                                         | -66.60              | 12.12       | -54.48      | -25.00      | 29.48       | Vertical     |
| 5305.00                                                                                          | -60.32              | 3.85        | -56.47      | -25.00      | 31.47       | Horizontal   |
| 7957.50                                                                                          | -63.65              | 8.12        | -55.53      | -25.00      | 30.53       | Horizontal   |
| 10610.00                                                                                         | -66.38              | 11.70       | -54.68      | -25.00      | 29.68       | Horizontal   |
| <b>Remark:</b>                                                                                   |                     |             |             |             |             |              |
| 1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

| LTE band 66 – 1.4 MHz bandwidth – ANT4                                                                             |                     |             |             |             |             |              |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------|
| Lowest channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3421.40                                                                                                            | -63.11              | -2.15       | -65.26      | -13.00      | 52.26       | Vertical     |
| 5132.10                                                                                                            | -44.78              | 3.80        | -40.98      | -13.00      | 27.98       | Vertical     |
| 6842.80                                                                                                            | -65.16              | 5.86        | -59.30      | -13.00      | 46.30       | Vertical     |
| 3421.40                                                                                                            | -63.11              | -2.22       | -65.33      | -13.00      | 52.33       | Horizontal   |
| 5132.10                                                                                                            | -53.84              | 3.86        | -49.98      | -13.00      | 36.98       | Horizontal   |
| 6842.80                                                                                                            | -65.01              | 6.07        | -58.94      | -13.00      | 45.94       | Horizontal   |
| Middle channel                                                                                                     |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3490.00                                                                                                            | -63.36              | -3.02       | -66.38      | -13.00      | 53.38       | Vertical     |
| 5235.00                                                                                                            | -44.95              | 3.17        | -41.78      | -13.00      | 28.78       | Vertical     |
| 6980.00                                                                                                            | -65.10              | 5.49        | -59.61      | -13.00      | 46.61       | Vertical     |
| 3490.00                                                                                                            | -63.18              | -2.92       | -66.10      | -13.00      | 53.10       | Horizontal   |
| 5235.00                                                                                                            | -53.74              | 3.32        | -50.42      | -13.00      | 37.42       | Horizontal   |
| 6980.00                                                                                                            | -64.74              | 5.46        | -59.28      | -13.00      | 46.28       | Horizontal   |
| Highest channel                                                                                                    |                     |             |             |             |             |              |
| Frequency (MHz)                                                                                                    | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3558.60                                                                                                            | -63.68              | -2.25       | -65.93      | -13.00      | 52.93       | Vertical     |
| 5337.90                                                                                                            | -45.07              | 4.23        | -40.84      | -13.00      | 27.84       | Vertical     |
| 7117.20                                                                                                            | -65.54              | 5.53        | -60.01      | -13.00      | 47.01       | Vertical     |
| 3558.60                                                                                                            | -63.62              | -2.22       | -65.84      | -13.00      | 52.84       | Horizontal   |
| 5337.90                                                                                                            | -53.64              | 4.19        | -49.45      | -13.00      | 36.45       | Horizontal   |
| 7117.20                                                                                                            | -64.43              | 5.32        | -59.11      | -13.00      | 46.11       | Horizontal   |
| <b>Remark:</b><br>1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. |                     |             |             |             |             |              |

-----End of report-----