



# FCC RADIO TEST REPORT

| FCC ID       | : | 2AJN7-TP00128AUC  |
|--------------|---|---|
| Equipment    | : | Notebook Computer   |
| Brand Name   | : | Lenovo  |
| Model Name   | : | TP00128A  |
| Applicant    | : | LC Future Center Limited Taiwan Branch<br>7F., No. 780, Bei'an Rd., Zhongshan Dist.,<br>Taipei City 104, Taiwan   |
| Manufacturer | : | LCFC (HeFei) Electronics Technology Co., Ltd.<br>No. 3188-1, Yungu Road (Hefei Export<br>Processing Zone), Hefei Economics &<br>Technology Development Area, Anhui, CHINA |
| Standard     | : | FCC 47 CFR Part 2, and 90(S)  |

Equipment: Foxconn T99W175 tested inside of Lenovo Notebook Computer.

The product was received on Jun. 03, 2021 and testing was started from Jun. 09, 2021 and completed on Jun. 26, 2021. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan

| Page Number    | : 1 of 13       |
|----------------|-----------------|
| Issued Date    | : Sep. 29, 2021 |
| Report Version | : 02            |



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# History of this test report

| Report No.   | Version | Description  | Issued Date   |
|--------------|---------|--|---------------|
| FG0N0620-02F | 01      | Initial issue of report  | Jun. 30, 2021 |
| FG0N0620-02F | 02      | <ol> <li>Add Remark Description in Summary of Test Result</li> <li>Revise Product Feature of Equipment Under Test</li> </ol> | Sep. 29, 2021 |
|              |         |  |               |
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# Summary of Test Result

| Report<br>Clause | Ref Std.<br>Clause | Test Items                                       | Result<br>(PASS/FAIL) | Remark                                     |
|------------------|--------------------|--|-----------------------|--|
| -                | §2.1046            | Conducted Output Power                           | Not Required          | -  |
|                  | §90.635            | and Effective Radiated Power                     |                       |  |
| -                | -                  | Peak-to-Average Ratio                            | Not Required          | -  |
| -                | §2.1049<br>§90.209 | Occupied Bandwidth and 26dB Bandwidth            | Not Required          | -  |
| -                | §2.1051<br>§90.691 | Emission masks –<br>In-band emissions            | Not Required          | -  |
| -                | §2.1051<br>§90.691 | Emission masks –<br>Out of band emissions        | Not Required          | -  |
| -                | §2.1055<br>§90.213 | Frequency Stability for<br>Temperature & Voltage | Not Required          | -  |
| 3.1              | §2.1053<br>§90.691 | Field Strength of Spurious Radiation             | Pass                  | Under limit<br>28.55 dB at<br>1633.000 MHz |

#### Note:

- 1. Not required means after assessing, test items are not necessary to carry out.
- This is a variant report by adding antenna. All the test cases were performed on original report which can be referred to Sporton Report Number FG0N0620F. Based on the original report, the test cases were verified.
- 3. The maximum ERP/EIRP power does not exceed the original grant.

#### **Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

#### **Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

#### Reviewed by: Sheng Kuo Report Producer: Lucy Wu



# **1** General Description

### **1.1 Feature of Equipment Under Test**

| Product Feature                 |  |  |  |  |  |  |  |
|---------------------------------|--|--|--|--|--|--|--|
| Equipment                       | Notebook Computer  |  |  |  |  |  |  |
| Brand Name                      | Lenovo   |  |  |  |  |  |  |
| Model Name                      | TP00128A   |  |  |  |  |  |  |
| FCC ID                          | 2AJN7-TP00128AUC   |  |  |  |  |  |  |
| EUT supports Radios application | WCDMA/HSPA/LTE/5G NR/GNSS/NFC/UWB<br>WLAN 11a/b/g/n HT20/HT40<br>WLAN 11ac VHT80/VHT160<br>WLAN 11ax HE20/HE40/HE80/HE160<br>Bluetooth BR/EDR/LE |  |  |  |  |  |  |
| EUT Stage                       | Production Unit  |  |  |  |  |  |  |

#### Remark:

- 1. The above EUT's information was declared by manufacturer.
- 2. Equipment: Foxconn T99W175 tested inside of Lenovo Notebook Computer.

| JYT/NVC WWAN Antenna Information |              |             |                 |       |  |  |
|----------------------------------|--------------|-------------|-----------------|-------|--|--|
| Main Antonno                     | Manufacturer | JYT/NVC     | Peak gain (dBi) | -2.02 |  |  |
| Main Antenna                     | Part number  | JYAAE0154HR | Туре            | PIFA  |  |  |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

### **1.2 Product Specification of Equipment Under Test**

| Product Specification subjective to this standard    |                                      |  |  |  |  |  |  |
|--|--------------------------------------|--|--|--|--|--|--|
| Tx Frequency         LTE Band 26 : 814.7 ~ 823.3 MHz |                                      |  |  |  |  |  |  |
| Rx Frequency   | LTE Band 26 : 859.7 ~ 868.3 MHz      |  |  |  |  |  |  |
| Bandwidth  | 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz |  |  |  |  |  |  |
| Type of Modulation                                   | QPSK / 16QAM / 64QAM / 256QAM        |  |  |  |  |  |  |



### **1.3 Modification of EUT**

No modifications are made to the EUT during all test items.

### **1.4 Testing Site**

| Test Site          | Sporton International Inc. Wensan Laboratory  |
|--------------------|---|
| Test Site Location | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010, Taiwan |
| Test Site No.      | Sporton Site No.  |
| Test Site NO.      | 03CH12-HY   |
| Test Engineer      | Jack Cheng, Lance Chiang and Chuan Chu  |
| Temperature        | <b>22.3~26.4</b> ℃  |
| Relative Humidity  | 58~66%  |

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW3786

### 1.5 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC 47 CFR Part 2, 90
- ANSI / TIA-603-E
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 414788 D01 Radiated Test Site v01r01
- Interim Guidance for Equipment Authorization of Devices with Channel Bandwidths Combined Across Two Contiguous Service Rule Allocations OET/Lab/EACB, June 6, 2013

#### Remark:

- 1. All test items were verified and recorded according to the standards and without any deviation during the test.
- 2. The TAF code is not including all the FCC KDB listed without accreditation.



# 2 Test Configuration of Equipment Under Test

### 2.1 Test Mode

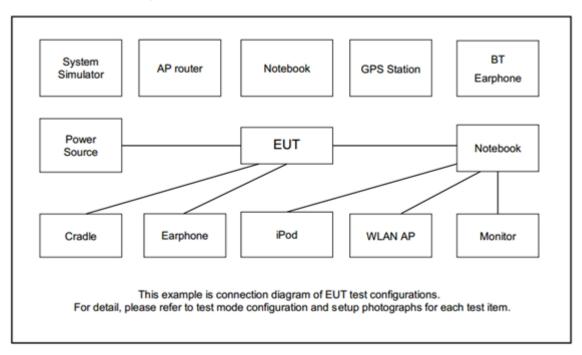
During all testing, EUT is in link mode with base station emulator at maximum power level.

For radiated measurement, pre-scanned in Tablet Type (three orthogonal panels, X, Y, Z) and Notebook Type. The worst cases (Notebook Type) were recorded in this report.

| Conducted                        | Band   |     | Ва | ndwid | lth (MI | Hz) |    |      | Mod   | ulation |        | RB # |      |      |   |   | Test<br>Channel |  |  |
|----------------------------------|--|-----|----|-------|---------|-----|----|------|-------|---------|--------|------|------|------|---|---|-----------------|--|--|
| Test Cases                       |  | 1.4 | 3  | 5     | 10      | 15  | 20 | QPSK | 16QAM | 64QAM   | 256QAM | 1    | Half | Full | L | М | н               |  |  |
| Radiated<br>Spurious<br>Emission | 26   |     |    | v     |         |     | -  | v    |       |         |        | v    |      |      | v | v | v               |  |  |
| Remark                           | <ol> <li>The mark "v " means that this configuration is chosen for testing</li> <li>The mark "-"means that this bandwidth is not supported.</li> <li>LTE Band26 transmit frequency for part22 rule is 824MHz-849MHz, for part90 rule is 814MHz-824MHz. ERP over 15MHz bandwidth complies the ERP limit line of part22 rule, therefore ERP of the partial frequency spectrum which falls within part 22 also complies.</li> </ol> |     |    |       |         |     |    |      |       |         |        |      |      |      |   |   |                 |  |  |

Frequency range investigated for radiated emission is 30 MHz to 9000 MHz.

# 2.2 Connection Diagram of Test System





### 2.3 Support Unit used in test configuration and system

| ltem | Equipment        | quipment Brand Name Model No. FCC ID |         | Data Cable   | Power Cord        |                   |  |
|------|------------------|--------------------------------------|---------|--------------|-------------------|-------------------|--|
| 1.   | System Simulator | Anritsu                              | MT8821C | N/A          | N/A               | Unshielded, 1.8 m |  |
| 2.   | iPod Earphone    | Apple                                | N/A     | Verification | Unshielded, 1.0 m | N/A               |  |

### 2.4 Frequency List of Low/Middle/High Channels

| LTE Band 26 Channel and Frequency List |                        |        |        |         |  |  |  |  |
|--|------------------------|--------|--------|---------|--|--|--|--|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |  |  |  |  |
| 45                                     | Channel                | 26765  | -      | -       |  |  |  |  |
| 15                                     | Frequency              | 821.5  | -      | -       |  |  |  |  |
| 10                                     | Channel                | -      | 26740  | -       |  |  |  |  |
| 10                                     | Frequency              | -      | 819    | -       |  |  |  |  |
| 5                                      | Channel                | 26715  | 26740  | 26765   |  |  |  |  |
| 5                                      | Frequency              | 816.5  | 819    | 821.5   |  |  |  |  |
| 3                                      | Channel                | 26705  | 26740  | 26775   |  |  |  |  |
| 5                                      | Frequency              | 815.5  | 819    | 822.5   |  |  |  |  |
| 1.4                                    | Channel                | 26697  | 26740  | 26783   |  |  |  |  |
| 1.4                                    | Frequency              | 814.7  | 819    | 823.3   |  |  |  |  |

### 3 Radiated Test Items

### 3.1 Field Strength of Spurious Radiation Measurement

### 3.1.1 Description of Field Strength of Spurious Radiated Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission FCC Part 90.691 on any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth at least 43 + 10 log (P) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43+10log<sub>10</sub>(P[Watts]) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

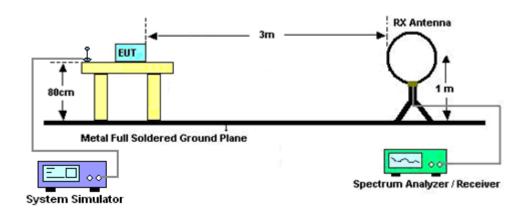
### 3.1.2 Test Procedures

- 1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
- 1. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
- 2. The table was rotated 360 degrees to determine the position of the highest spurious emission.
- 3. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
- 4. For testing below 1GHz, make the measurement with the spectrum analyzer's RBW = 100 kHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
- 5. For testing above 1GHz, make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
- 6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
- 7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
- 8. Taking the record of output power at antenna port.
- 9. Repeat step 7 to step 8 for another polarization.
- 10. EIRP (dBm) = S.G. Power Tx Cable Loss + Tx Antenna Gain
- 11. ERP (dBm) = EIRP 2.15
- 12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 13. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

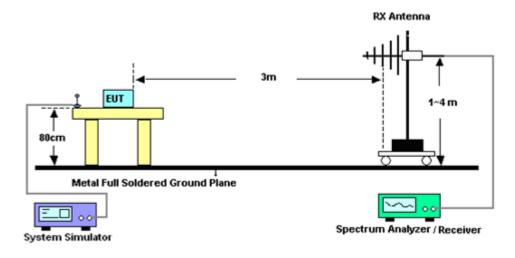


### 3.1.3 Test Setup

For radiated test below 30MHz

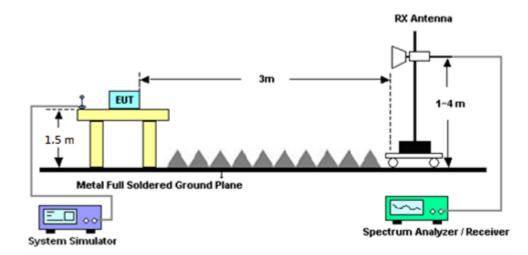


#### For radiated test from 30MHz to 1GHz





#### For radiated test above 1GHz



### 3.1.4 Test Result of Field Strength of Spurious Radiated

Please refer to Appendix A.

#### Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



#### List of Measuring Equipment 4

| Instrument           | Brand Name                 | Model No.                           | Serial No.          | Characteristics                  | Calibration<br>Date | Test Date                       | Due Date      | Remark                   |
|----------------------|----------------------------|-------------------------------------|---------------------|----------------------------------|---------------------|---------------------------------|---------------|--------------------------|
| Loop Antenna         | Rohde &<br>Schwarz         | HFH2-Z2                             | 100488              | 9 kHz~30 MHz                     | Jul. 14, 2020       | Jun. 09, 2021~<br>Jun. 26, 2021 | Jul. 13, 2021 | Radiation<br>(03CH12-HY) |
| Bilog Antenna        | TESEQ                      | CBL 6111D &<br>00800N1D01<br>N-06   | 37059 &<br>01       | 30MHz~1GHz                       | Oct. 11, 2020       | Jun. 09, 2021~<br>Jun. 26, 2021 | Oct. 10, 2021 | Radiation<br>(03CH12-HY) |
| Bilog Antenna        | TESEQ                      | CBL 6111D &<br>N-6-06               | 35414 &<br>AT-N0602 | 30MHz~1GHz                       | Oct. 11, 2020       | Jun. 09, 2021~<br>Jun. 26, 2021 | Oct. 10, 2021 | Radiation<br>(03CH12-HY) |
| Horn Antenna         | SCHWARZBE<br>CK            | BBHA 9120 D                         | 9120D-132<br>8      | 1GHz~18GHz                       | Nov. 23, 2020       | Jun. 09, 2021~<br>Jun. 26, 2021 | Nov. 22, 2021 | Radiation<br>(03CH12-HY) |
| Horn Antenna         | SCHWARZBE<br>CK            | BBHA 9120 D                         | 9120D-121<br>2      | 1GHz~18GHz                       | May 18, 2021        | Jun. 09, 2021~<br>Jun. 26, 2021 | May 17, 2022  | Radiation<br>(03CH12-HY) |
| Preamplifier         | COM-POWER                  | PA-103                              | 161075              | 10MHz~1GHz                       | Mar. 24, 2021       | Jun. 09, 2021~<br>Jun. 26, 2021 | Mar. 23, 2022 | Radiation<br>(03CH12-HY) |
| Preamplifier         | Keysight                   | 83017A                              | MY572801<br>20      | 1GHz~26.5GHz                     | Jul. 20, 2020       | Jun. 09, 2021~<br>Jun. 26, 2021 | Jul. 19, 2021 | Radiation<br>(03CH12-HY) |
| Preamplifier         | E-INSTRUME<br>NT TECH LTD. | ERA-100M-18<br>G-56-01-A70          | EC190024<br>9       | 1GHz~18GHz                       | Dec. 05, 2020       | Jun. 09, 2021~<br>Jun. 26, 2021 | Dec. 04, 2021 | Radiation<br>(03CH12-HY) |
| Spectrum<br>Analyzer | Agilent                    | N9010A                              | MY534701<br>18      | 10Hz~44GHz                       | Jan. 15, 2021       | Jun. 09, 2021~<br>Jun. 26, 2021 | Jan. 14, 2022 | Radiation<br>(03CH12-HY) |
| Signal Generator     | Rohde &<br>Schwarz         | SMB100A                             | 101107              | 100kHz~40GHz                     | Dec. 04, 2020       | Jun. 09, 2021~<br>Jun. 26, 2021 | Dec. 03, 2021 | Radiation<br>(03CH12-HY) |
| RF Cable             | HUBER +<br>SUHNER          | SUCOFLEX<br>126E                    | 0058/126E           | 30MHz~18GHz                      | Dec. 11, 2020       | Jun. 09, 2021~<br>Jun. 26, 2021 | Dec. 10, 2021 | Radiation<br>(03CH12-HY) |
| RF Cable             | HUBER +<br>SUHNER          | SUCOFLEX<br>102                     | 505134/2            | 30MHz~40GHz                      | Feb. 22, 2021       | Jun. 09, 2021~<br>Jun. 26, 2021 | Feb. 21, 2022 | Radiation<br>(03CH12-HY) |
| RF Cable             | HUBER +<br>SUHNER          | SUCOFLEX<br>102                     | 800740/2            | 30MHz~40GHz                      | Feb. 22, 2021       | Jun. 09, 2021~<br>Jun. 26, 2021 | Feb. 21, 2022 | Radiation<br>(03CH12-HY) |
| Filter               | Wainwright                 | WLKS1200-1<br>2SS                   | SN2                 | 1.2GHz Low<br>Pass Filter        | Mar. 17, 2021       | Jun. 09, 2021~<br>Jun. 26, 2021 | Mar. 16, 2022 | Radiation<br>(03CH12-HY) |
| Filter               | Wainwright                 | WHKX12-108<br>0-1200-15000<br>-60SS | SN1                 | 1.2GHz High<br>Pass Filter       | Mar. 17, 2021       | Jun. 09, 2021~<br>Jun. 26, 2021 | Mar. 16, 2022 | Radiation<br>(03CH12-HY) |
| Filter               | Wainwright                 | WHKX12-270<br>0-3000-18000<br>-60ST | SN2                 | 3GHz High Pass<br>Filter         | Jul. 14, 2020       | Jun. 09, 2021~<br>Jun. 26, 2021 | Jul. 13, 2021 | Radiation<br>(03CH12-HY) |
| Controller           | EMEC                       | EM1000                              | N/A                 | Control Turn<br>table & Ant Mast | N/A                 | Jun. 09, 2021~<br>Jun. 26, 2021 | N/A           | Radiation<br>(03CH12-HY) |
| Antenna Mast         | EMEC                       | AM-BS-4500-<br>B                    | N/A                 | 1m~4m                            | N/A                 | Jun. 09, 2021~<br>Jun. 26, 2021 | N/A           | Radiation<br>(03CH12-HY) |
| Turn Table           | EMEC                       | TT2000                              | N/A                 | 0~360 Degree                     | N/A                 | Jun. 09, 2021~<br>Jun. 26, 2021 | N/A           | Radiation<br>(03CH12-HY) |
| Software             | Audix                      | E3<br>6.2009-8-24                   | RK-00098<br>9       | N/A                              | N/A                 | Jun. 09, 2021~<br>Jun. 26, 2021 | N/A           | Radiation<br>(03CH12-HY) |

: Sep. 29, 2021



# 5 Uncertainty of Evaluation

#### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

| Measuring Uncertainty for a Level of | 3.07 dB |  |  |  |
|--------------------------------------|---------|--|--|--|
| Confidence of 95% (U = 2Uc(y))       | 5.07 dB |  |  |  |

#### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

| Measuring Uncertainty for a Level of | 3.21 dB |
|--------------------------------------|---------|
| Confidence of 95% (U = 2Uc(y))       | 3.21 UB |



# Appendix A. Test Results of Radiated Test

| LTE Band 26 / 5MHz / QPSK |                    |              |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|--------------------|--------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>(MHz) | ERP<br>(dBm) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
|                           | 1633               | -41.55       | -13              | -28.55                  | -49.92                  | -47.09                   | 0.92                       | 8.61                        | Н                     |
|                           | 2443               | -43.02       | -13              | -30.02                  | -56.42                  | -50.35                   | 1.14                       | 10.62                       | Н                     |
|                           | 3257               | -57.26       | -13              | -44.26                  | -72.69                  | -65.71                   | 1.32                       | 11.92                       | Н                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | н                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | н                     |
| Lowest                    |                    |              |                  |                         |                         |                          |                            |                             | н                     |
| LOWESI                    | 1633               | -43.49       | -13              | -30.49                  | -51.39                  | -49.03                   | 0.92                       | 8.61                        | V                     |
|                           | 2443               | -46.71       | -13              | -33.71                  | -60.18                  | -54.04                   | 1.14                       | 10.62                       | V                     |
|                           | 3257               | -56.40       | -13              | -43.40                  | -72.32                  | -64.85                   | 1.32                       | 11.92                       | V                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | V                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | V                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | V                     |
|                           | 1633               | -41.98       | -13              | -28.98                  | -50.35                  | -47.52                   | 0.92                       | 8.61                        | Н                     |
|                           | 2450               | -44.07       | -13              | -31.07                  | -57.49                  | -51.41                   | 1.14                       | 10.63                       | н                     |
|                           | 3267               | -57.02       | -13              | -44.02                  | -72.42                  | -65.49                   | 1.32                       | 11.94                       | Н                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | н                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | Н                     |
| Middle                    |                    |              |                  |                         |                         |                          |                            |                             | Н                     |
| widdie                    | 1633               | -45.55       | -13              | -32.55                  | -53.45                  | -51.09                   | 0.92                       | 8.61                        | V                     |
|                           | 2450               | -47.48       | -13              | -34.48                  | -61                     | -54.82                   | 1.14                       | 10.63                       | V                     |
|                           | 3267               | -56.11       | -13              | -43.11                  | -71.99                  | -64.58                   | 1.32                       | 11.94                       | V                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | V                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | V                     |
|                           |                    |              |                  |                         |                         |                          |                            |                             | V                     |

# LTE Band 26



| Highest | 1638 | -43.53 | -13 | -30.53 | -51.91 | -49.09 | 0.92 | 8.62  | Н |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
|         | 2458 | -45.63 | -13 | -32.63 | -59.06 | -52.98 | 1.14 | 10.64 | Н |
|         | 3277 | -57.02 | -13 | -44.02 | -72.4  | -65.51 | 1.32 | 11.96 | Н |
|         |      |        |     |        |        |        |      |       | Н |
|         |      |        |     |        |        |        |      |       | Н |
|         |      |        |     |        |        |        |      |       | Н |
|         | 1638 | -46.33 | -13 | -33.33 | -41.02 | -51.89 | 0.92 | 8.62  | V |
|         | 2458 | -49.93 | -13 | -36.93 | -46.23 | -57.28 | 1.14 | 10.64 | V |
|         | 3277 | -56.86 | -13 | -43.86 | -48.45 | -65.35 | 1.32 | 11.96 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.