# RF TEST REPORT

| | |
|---|---|
| **Applicant** | Positioning Universal Inc |
| **FCC ID** | 2AHRH-FT750 |
| **Product** | In-cab advanced telematics tracker |
| **Model** | FT750-L43Q-GL |
| **Report No.** | R2010A0681-R3V1 |
| **Issue Date** | April 2, 2021 |

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2019)/ FCC CFR 47 Part 24E (2019)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Peng Tao

*Prepared by: Peng Tao*

Kai Xu

*Approved by: Kai Xu*


## TA Technology (Shanghai) Co., Ltd.

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| Version | Revision description | Issue Date |
|---|---|---|
| Rev.0 | Initial issue of report. | January 18, 2021 |
| Rev.1 | Update description | April 2, 2021 |
| Note: This revised report (Report No. R2010A0681-R3V1) supersedes and replaces the previously issued report (Report No. R2010A0681-R3). Please discard or destroy the previously issued report and dispose of it accordingly. | | |

# Summary of measurement results

| No. | Test Case | Clause in FCC rules | Verdict |
|---|---|---|---|
| 1 | RF Power Output and Effective Isotropic Radiated Power | 2.1046<br>24.232(c) | PASS |
| 2 | Radiates Spurious Emission | 2.1053 / 24.238(a) | PASS |
| Date of Testing: October 15, 2020 ~ November 2, 2020 | | | |
| Date of Sample Received: October 13, 2020 | | | |
| Note: PASS: The EUT complies with the essential requirements in the standard.<br>FAIL: The EUT does not comply with the essential requirements in the standard.<br>All indications of Pass/Fail in this report are opinions expressed by TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. | | | |

**This report only tests Radiates Spurious Emission and recalculates Effective Radiated Power. The test value of the conduction part is referred to the module report. (Report No. HR/2019/1001601)**

# 1. Test Laboratory

## 1.1. Notes of the test report

This report shall not be reproduced in full or partial, without the written approval of **TA technology (shanghai) co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein .Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

## 1.2. Test facility

**FCC (Designation number: CN1179, Test Firm Registration Number: 446626)**

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

**A2LA (Certificate Number: 3857.01)**

TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

## 1.3. Testing Location

| | |
|---|---|
| Company: | TA Technology (Shanghai) Co., Ltd. |
| Address: | No.145, Jintang Rd, Tangzhen Industry Park, Pudong |
| City: | Shanghai |
| Post code: | 201201 |
| Country: | P. R. China |
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| E-mail: | xukai@ta-shanghai.com |

# 2. General Description of Equipment under Test

## 2.3. Applicant and Manufacturer Information

| | |
|---|---|
| Applicant | Positioning Universal Inc |
| Applicant address | 4660 La Jolla Village Drive Suite 1100,San Diego,California,United States |
| Manufacturer | Positioning Universal Inc |
| Manufacturer address | 4660 La Jolla Village Drive Suite 1100,San Diego,California,United States |

## 2.4. General information

| EUT Description | | | |
|---|---|---|---|
| Model | FT750-L43Q-GL | | |
| IMEI | 015937000000030 | | |
| Hardware Version | P0 | | |
| Software Version | 2.4.17 | | |
| Power Supply | External Power Supply | | |
| Antenna Type | Internal Antenna/ External Antenna | | |
| Antenna Gain | Internal Antenna: 1dBi<br>External Antenna: 2dBi | | |
| Test Mode(s) | GSM1900; WCDMA Band II; LTE Band 2/25; | | |
| Test Modulation | (GSM/GPRS)GMSK, (EGPRS) GMSK/ 8PSK;<br>(WCDMA) BPSK, QPSK,16QAM; (LTE)QPSK,16QAM | | |
| Maximum E.I.R.P | GSM 1900: | 31.66dBm | |
| | WCDMA Band II: | 25.88dBm | |
| | LTE Band 2: | 26.64dBm | |
| | LTE Band 25: | 26.55dBm | |
| Rated Power Supply Voltage | 12V | | |
| Extreme Voltage | Minimum: 6V Maximum: 48V | | |
| Extreme Temperature | Lowest: -30°C Highest: +50°C | | |
| Operating Voltage | Minimum: 6V Maximum: 48V | | |
| Operating Temperature | Lowest: -40°C Highest: +85°C | | |
| Operating Frequency Range(s) | Band | Tx (MHz) | Rx (MHz) |
| | GSM1900 | 1850 ~ 1910 | 1930 ~ 1990 |
| | WCDMA Band II | 1850 ~ 1910 | 1930 ~ 1990 |
| | LTE Band 2 | 1850 ~ 1910 | 1930 ~ 1990 |
| | LTE Band 25 | 1850 ~ 1915 | 1930 ~ 1995 |
| Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant. | | | |

# 3. Applied Standards

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

**Test standards:**
**FCC CFR 47 Part 24E (2019)**

**ANSI C63.26 (2015)**

**Reference standard:**

**FCC CFR47 Part 2 (2019)**

**KDB 971168 D01 Power Meas License Digital Systems v03r01**

# 4. Test Configuration

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes. EUT stand-up position (Z axis), lie-down position (X, Y axis). Receiver antenna polarization (horizontal and vertical), the worst emission was found in position (Z axis, horizontal polarization) and the worst case was recorded.

All mode and data rates and positions and RB size and modulations were investigated.
Subsequently, only the worst case emissions are reported.
The following testing in GSM/WCDMA/LTE is set based on the maximum RF Output Power.

Test modes are chosen to be reported as the worst case configuration below:

| Test items | Modes/Modulation | |
|---|---|---|
| | GSM 1900 | WCDMA Band II |
| RF Power Output and Effective Isotropic Radiated Power | GSM<br>GPRS<br>EGPRS | RMC<br>HSDPA/HSUPA<br>DC-HSDPA/HSPA+ |
| Radiates Spurious Emission | GSM | RMC |

Test modes are chosen to be reported as the worst case configuration below for LTE Band 2/25:

| Test items | Bandwidth (MHz) | | | | | | Modulation | | RB | | | Test Channel | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1.4 | 3 | 5 | 10 | 15 | 20 | QPSK | 16QAM | 1 | 50% | 100% | L | M | H |
| RF Power Output and Effective Isotropic Radiated Power | O | O | O | O | O | O | O | O | O | O | O | O | O | O |
| Radiates Spurious Emission | O | - | O | - | - | O | O | - | O | - | - | - | O | - |
| Note | 1. The mark “O” means that this configuration is chosen for testing.<br>2. The mark “-” means that this configuration is not testing. | | | | | | | | | | | | | |

# 5. Test Case Results

## 5.1. RF Power Output and Effective Isotropic Radiated Power

### Ambient condition

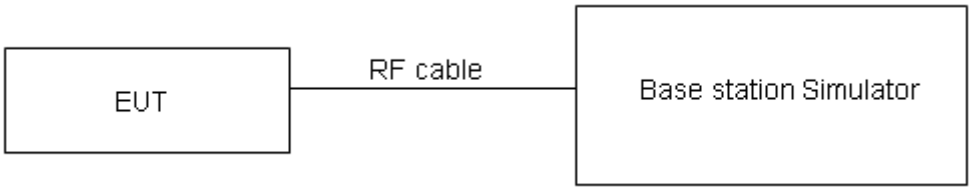
| Temperature | Relative humidity | Pressure |
|---|---|---|
| 23°C ~25°C | 45%~50% | 101.5kPa |

### Methods of Measurement

During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:
EIRP (dBm) = Output Power (dBm) - Losses (dB) + Antenna Gain (dBi)
where:dBd refers to gain relative to an ideal dipole.
EIRP (dBm ) = ERP (dBm) + 2.15 (dB.)

### Test Setup




### Limits

No specific RF power output requirements in part 2.1046.

Rule Part 24.232(c) Mobile and portable stations are limited to 2 watts EIRP.
Rule Part 24.232(e) Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

| Limit | ≤ 2 W (33 dBm) |
|---|---|

### Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k$ = 2, $U$= 0.4 dB for RF power output, $k$ = 2, $U$= 1.19 dB for EIRP.

## Test Results

| GSM 1900 | | Maximum Output Power (dBm | | | EIRP (dBm) Internal Antenna | | | EIRP (dBm) External Antenna | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Channel 512 | Channel 661 | Channel 810 | Channel 512 | Channel 661 | Channel 810 | Channel 512 | Channel 661 | Channel 810 |
| | | 1850.2 (MHz) | 1880 (MHz) | 1909.8 (MHz) | 1850.2 (MHz) | 1880 (MHz) | 1909.8 (MHz) | 1850.2 (MHz) | 1880 (MHz) | 1909.8 (MHz) |
| GSM(GMSK) | Results | 29.66 | 29.41 | 29.18 | 30.66 | 30.41 | 30.18 | 31.66 | 31.41 | 31.18 |
| EGPRS(8PSK) | 1TXslot | 26.20 | 25.92 | 25.67 | 27.20 | 26.92 | 26.67 | 28.20 | 27.92 | 27.67 |

| WCDMA Band II | | Maximum Output Power (dBm) | | | EIRP (dBm) Internal Antenna | | | EIRP (dBm) External Antenna | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Channel 9262 | Channel 9400 | Channel 9538 | Channel 9262 | Channel 9400 | Channel 9538 | Channel 9262 | Channel 9400 | Channel 9538 |
| | | 1852.4 (MHz) | 1880 (MHz) | 1907.6 (MHz) | 1852.4 (MHz) | 1880 (MHz) | 1907.6 (MHz) | 1852.4 (MHz) | 1880 (MHz) | 1907.6 (MHz) |
| RMC | 12.2k | 23.88 | 23.79 | 23.76 | 24.88 | 24.79 | 24.76 | 25.88 | 25.79 | 25.76 |

| Band | Bandwidth | Modulation | Channel | RB Configuration | Maximum Output Power(dBm) | EIRP (dBm) Internal Antenna | EIRP (dBm) External Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|
| LTE Band 2 | 1.4M | QPSK | 18607 | 1RB#0 | 23.08 | 24.08 | 25.08 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18607 | 1RB#2 | 22.82 | 23.82 | 24.82 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18607 | 1RB#5 | 22.97 | 23.97 | 24.97 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18607 | 3RB#0 | 23.12 | 24.12 | 25.12 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18607 | 3RB#2 | 23.26 | 24.26 | 25.26 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18607 | 3RB#3 | 23.07 | 24.07 | 25.07 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18607 | 6RB#0 | 22.10 | 23.10 | 24.10 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18900 | 1RB#0 | 22.97 | 23.97 | 24.97 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18900 | 1RB#2 | 23.26 | 24.26 | 25.26 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18900 | 1RB#5 | 22.97 | 23.97 | 24.97 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18900 | 3RB#0 | 23.17 | 24.17 | 25.17 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18900 | 3RB#2 | 23.29 | 24.29 | 25.29 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18900 | 3RB#3 | 23.41 | 24.41 | 25.41 | PASS |
| LTE Band 2 | 1.4M | QPSK | 18900 | 6RB#0 | 22.27 | 23.27 | 24.27 | PASS |
| LTE Band 2 | 1.4M | QPSK | 19193 | 1RB#0 | 22.95 | 23.95 | 24.95 | PASS |
| LTE Band 2 | 1.4M | QPSK | 19193 | 1RB#2 | 22.89 | 23.89 | 24.89 | PASS |
| LTE Band 2 | 1.4M | QPSK | 19193 | 1RB#5 | 23.02 | 24.02 | 25.02 | PASS |
| LTE Band 2 | 1.4M | QPSK | 19193 | 3RB#0 | 23.22 | 24.22 | 25.22 | PASS |
| LTE Band 2 | 1.4M | QPSK | 19193 | 3RB#2 | 23.37 | 24.37 | 25.37 | PASS |
| LTE Band 2 | 1.4M | QPSK | 19193 | 3RB#3 | 23.25 | 24.25 | 25.25 | PASS |
| LTE Band 2 | 1.4M | QPSK | 19193 | 6RB#0 | 22.35 | 23.35 | 24.35 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18607 | 1RB#0 | 21.90 | 22.90 | 23.90 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18607 | 1RB#2 | 21.90 | 22.90 | 23.90 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18607 | 1RB#5 | 21.85 | 22.85 | 23.85 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18607 | 3RB#0 | 22.35 | 23.35 | 24.35 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18607 | 3RB#2 | 22.22 | 23.22 | 24.22 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18607 | 3RB#3 | 22.26 | 23.26 | 24.26 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18607 | 6RB#0 | 20.96 | 21.96 | 22.96 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18900 | 1RB#0 | 21.82 | 22.82 | 23.82 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18900 | 1RB#2 | 21.93 | 22.93 | 23.93 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18900 | 1RB#5 | 21.85 | 22.85 | 23.85 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18900 | 3RB#0 | 22.34 | 23.34 | 24.34 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18900 | 3RB#2 | 22.47 | 23.47 | 24.47 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18900 | 3RB#3 | 22.39 | 23.39 | 24.39 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 18900 | 6RB#0 | 21.30 | 22.30 | 23.30 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 19193 | 1RB#0 | 21.81 | 22.81 | 23.81 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 19193 | 1RB#2 | 22.05 | 23.05 | 24.05 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 19193 | 1RB#5 | 21.88 | 22.88 | 23.88 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| LTE Band 2 | 1.4M | 16QAM | 19193 | 3RB#0 | 22.36 | 23.36 | 24.36 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 19193 | 3RB#2 | 22.41 | 23.41 | 24.41 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 19193 | 3RB#3 | 22.38 | 23.38 | 24.38 | PASS |
| LTE Band 2 | 1.4M | 16QAM | 19193 | 6RB#0 | 21.14 | 22.14 | 23.14 | PASS |
| LTE Band 2 | 3M | QPSK | 18615 | 1RB#0 | 22.98 | 23.98 | 24.98 | PASS |
| LTE Band 2 | 3M | QPSK | 18615 | 1RB#7 | 23.17 | 24.17 | 25.17 | PASS |
| LTE Band 2 | 3M | QPSK | 18615 | 1RB#14 | 22.98 | 23.98 | 24.98 | PASS |
| LTE Band 2 | 3M | QPSK | 18615 | 8RB#0 | 22.09 | 23.09 | 24.09 | PASS |
| LTE Band 2 | 3M | QPSK | 18615 | 8RB#4 | 22.10 | 23.10 | 24.10 | PASS |
| LTE Band 2 | 3M | QPSK | 18615 | 8RB#7 | 22.00 | 23.00 | 24.00 | PASS |
| LTE Band 2 | 3M | QPSK | 18615 | 15RB#0 | 21.97 | 22.97 | 23.97 | PASS |
| LTE Band 2 | 3M | QPSK | 18900 | 1RB#0 | 22.78 | 23.78 | 24.78 | PASS |
| LTE Band 2 | 3M | QPSK | 18900 | 1RB#7 | 23.16 | 24.16 | 25.16 | PASS |
| LTE Band 2 | 3M | QPSK | 18900 | 1RB#14 | 23.04 | 24.04 | 25.04 | PASS |
| LTE Band 2 | 3M | QPSK | 18900 | 8RB#0 | 22.12 | 23.12 | 24.12 | PASS |
| LTE Band 2 | 3M | QPSK | 18900 | 8RB#4 | 22.18 | 23.18 | 24.18 | PASS |
| LTE Band 2 | 3M | QPSK | 18900 | 8RB#7 | 22.17 | 23.17 | 24.17 | PASS |
| LTE Band 2 | 3M | QPSK | 18900 | 15RB#0 | 22.14 | 23.14 | 24.14 | PASS |
| LTE Band 2 | 3M | QPSK | 19185 | 1RB#0 | 23.05 | 24.05 | 25.05 | PASS |
| LTE Band 2 | 3M | QPSK | 19185 | 1RB#7 | 23.31 | 24.31 | 25.31 | PASS |
| LTE Band 2 | 3M | QPSK | 19185 | 1RB#14 | 23.02 | 24.02 | 25.02 | PASS |
| LTE Band 2 | 3M | QPSK | 19185 | 8RB#0 | 22.18 | 23.18 | 24.18 | PASS |
| LTE Band 2 | 3M | QPSK | 19185 | 8RB#4 | 22.32 | 23.32 | 24.32 | PASS |
| LTE Band 2 | 3M | QPSK | 19185 | 8RB#7 | 22.27 | 23.27 | 24.27 | PASS |
| LTE Band 2 | 3M | QPSK | 19185 | 15RB#0 | 22.23 | 23.23 | 24.23 | PASS |
| LTE Band 2 | 3M | 16QAM | 18615 | 1RB#0 | 21.74 | 22.74 | 23.74 | PASS |
| LTE Band 2 | 3M | 16QAM | 18615 | 1RB#7 | 21.92 | 22.92 | 23.92 | PASS |
| LTE Band 2 | 3M | 16QAM | 18615 | 1RB#14 | 21.83 | 22.83 | 23.83 | PASS |
| LTE Band 2 | 3M | 16QAM | 18615 | 8RB#0 | 21.03 | 22.03 | 23.03 | PASS |
| LTE Band 2 | 3M | 16QAM | 18615 | 8RB#4 | 20.84 | 21.84 | 22.84 | PASS |
| LTE Band 2 | 3M | 16QAM | 18615 | 8RB#7 | 21.12 | 22.12 | 23.12 | PASS |
| LTE Band 2 | 3M | 16QAM | 18615 | 15RB#0 | 21.12 | 22.12 | 23.12 | PASS |
| LTE Band 2 | 3M | 16QAM | 18900 | 1RB#0 | 21.43 | 22.43 | 23.43 | PASS |
| LTE Band 2 | 3M | 16QAM | 18900 | 1RB#7 | 21.72 | 22.72 | 23.72 | PASS |
| LTE Band 2 | 3M | 16QAM | 18900 | 1RB#14 | 21.75 | 22.75 | 23.75 | PASS |
| LTE Band 2 | 3M | 16QAM | 18900 | 8RB#0 | 21.15 | 22.15 | 23.15 | PASS |
| LTE Band 2 | 3M | 16QAM | 18900 | 8RB#4 | 21.11 | 22.11 | 23.11 | PASS |
| LTE Band 2 | 3M | 16QAM | 18900 | 8RB#7 | 21.22 | 22.22 | 23.22 | PASS |
| LTE Band 2 | 3M | 16QAM | 18900 | 15RB#0 | 21.21 | 22.21 | 23.21 | PASS |
| LTE Band 2 | 3M | 16QAM | 19185 | 1RB#0 | 21.84 | 22.84 | 23.84 | PASS |
| LTE Band 2 | 3M | 16QAM | 19185 | 1RB#7 | 21.87 | 22.87 | 23.87 | PASS |
| LTE Band 2 | 3M | 16QAM | 19185 | 1RB#14 | 21.87 | 22.87 | 23.87 | PASS |
| LTE Band 2 | 3M | 16QAM | 19185 | 8RB#0 | 21.08 | 22.08 | 23.08 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| LTE Band 2 | 3M | 16QAM | 19185 | 8RB#4 | 21.10 | 22.10 | 23.10 | PASS |
| LTE Band 2 | 3M | 16QAM | 19185 | 8RB#7 | 21.13 | 22.13 | 23.13 | PASS |
| LTE Band 2 | 3M | 16QAM | 19185 | 15RB#0 | 21.29 | 22.29 | 23.29 | PASS |
| LTE Band 2 | 5M | QPSK | 18625 | 1RB#0 | 23.00 | 24.00 | 25.00 | PASS |
| LTE Band 2 | 5M | QPSK | 18625 | 1RB#13 | 23.13 | 24.13 | 25.13 | PASS |
| LTE Band 2 | 5M | QPSK | 18625 | 1RB#24 | 23.00 | 24.00 | 25.00 | PASS |
| LTE Band 2 | 5M | QPSK | 18625 | 12RB#0 | 22.09 | 23.09 | 24.09 | PASS |
| LTE Band 2 | 5M | QPSK | 18625 | 12RB#6 | 22.19 | 23.19 | 24.19 | PASS |
| LTE Band 2 | 5M | QPSK | 18625 | 12RB#13 | 22.20 | 23.20 | 24.20 | PASS |
| LTE Band 2 | 5M | QPSK | 18625 | 25RB#0 | 22.16 | 23.16 | 24.16 | PASS |
| LTE Band 2 | 5M | QPSK | 18900 | 1RB#0 | 22.91 | 23.91 | 24.91 | PASS |
| LTE Band 2 | 5M | QPSK | 18900 | 1RB#13 | 23.11 | 24.11 | 25.11 | PASS |
| LTE Band 2 | 5M | QPSK | 18900 | 1RB#24 | 22.86 | 23.86 | 24.86 | PASS |
| LTE Band 2 | 5M | QPSK | 18900 | 12RB#0 | 22.00 | 23.00 | 24.00 | PASS |
| LTE Band 2 | 5M | QPSK | 18900 | 12RB#6 | 22.23 | 23.23 | 24.23 | PASS |
| LTE Band 2 | 5M | QPSK | 18900 | 12RB#13 | 22.28 | 23.28 | 24.28 | PASS |
| LTE Band 2 | 5M | QPSK | 18900 | 25RB#0 | 22.11 | 23.11 | 24.11 | PASS |
| LTE Band 2 | 5M | QPSK | 19175 | 1RB#0 | 22.91 | 23.91 | 24.91 | PASS |
| LTE Band 2 | 5M | QPSK | 19175 | 1RB#13 | 23.20 | 24.20 | 25.20 | PASS |
| LTE Band 2 | 5M | QPSK | 19175 | 1RB#24 | 23.13 | 24.13 | 25.13 | PASS |
| LTE Band 2 | 5M | QPSK | 19175 | 12RB#0 | 22.08 | 23.08 | 24.08 | PASS |
| LTE Band 2 | 5M | QPSK | 19175 | 12RB#6 | 22.28 | 23.28 | 24.28 | PASS |
| LTE Band 2 | 5M | QPSK | 19175 | 12RB#13 | 22.29 | 23.29 | 24.29 | PASS |
| LTE Band 2 | 5M | QPSK | 19175 | 25RB#0 | 22.05 | 23.05 | 24.05 | PASS |
| LTE Band 2 | 5M | 16QAM | 18625 | 1RB#0 | 21.59 | 22.59 | 23.59 | PASS |
| LTE Band 2 | 5M | 16QAM | 18625 | 1RB#13 | 22.15 | 23.15 | 24.15 | PASS |
| LTE Band 2 | 5M | 16QAM | 18625 | 1RB#24 | 21.84 | 22.84 | 23.84 | PASS |
| LTE Band 2 | 5M | 16QAM | 18625 | 12RB#0 | 20.91 | 21.91 | 22.91 | PASS |
| LTE Band 2 | 5M | 16QAM | 18625 | 12RB#6 | 21.00 | 22.00 | 23.00 | PASS |
| LTE Band 2 | 5M | 16QAM | 18625 | 12RB#13 | 21.12 | 22.12 | 23.12 | PASS |
| LTE Band 2 | 5M | 16QAM | 18625 | 25RB#0 | 21.31 | 22.31 | 23.31 | PASS |
| LTE Band 2 | 5M | 16QAM | 18900 | 1RB#0 | 21.70 | 22.70 | 23.70 | PASS |
| LTE Band 2 | 5M | 16QAM | 18900 | 1RB#13 | 22.29 | 23.29 | 24.29 | PASS |
| LTE Band 2 | 5M | 16QAM | 18900 | 1RB#24 | 21.57 | 22.57 | 23.57 | PASS |
| LTE Band 2 | 5M | 16QAM | 18900 | 12RB#0 | 21.10 | 22.10 | 23.10 | PASS |
| LTE Band 2 | 5M | 16QAM | 18900 | 12RB#6 | 21.26 | 22.26 | 23.26 | PASS |
| LTE Band 2 | 5M | 16QAM | 18900 | 12RB#13 | 20.97 | 21.97 | 22.97 | PASS |
| LTE Band 2 | 5M | 16QAM | 18900 | 25RB#0 | 21.30 | 22.30 | 23.30 | PASS |
| LTE Band 2 | 5M | 16QAM | 19175 | 1RB#0 | 21.74 | 22.74 | 23.74 | PASS |
| LTE Band 2 | 5M | 16QAM | 19175 | 1RB#13 | 22.00 | 23.00 | 24.00 | PASS |
| LTE Band 2 | 5M | 16QAM | 19175 | 1RB#24 | 21.81 | 22.81 | 23.81 | PASS |
| LTE Band 2 | 5M | 16QAM | 19175 | 12RB#0 | 20.92 | 21.92 | 22.92 | PASS |
| LTE Band 2 | 5M | 16QAM | 19175 | 12RB#6 | 21.02 | 22.02 | 23.02 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| LTE Band 2 | 5M | 16QAM | 19175 | 12RB#13 | 21.05 | 22.05 | 23.05 | PASS |
| LTE Band 2 | 5M | 16QAM | 19175 | 25RB#0 | 21.22 | 22.22 | 23.22 | PASS |
| LTE Band 2 | 10M | QPSK | 18650 | 1RB#0 | 22.96 | 23.96 | 24.96 | PASS |
| LTE Band 2 | 10M | QPSK | 18650 | 1RB#25 | 23.78 | 24.78 | 25.78 | PASS |
| LTE Band 2 | 10M | QPSK | 18650 | 1RB#49 | 22.67 | 23.67 | 24.67 | PASS |
| LTE Band 2 | 10M | QPSK | 18650 | 25RB#0 | 22.39 | 23.39 | 24.39 | PASS |
| LTE Band 2 | 10M | QPSK | 18650 | 25RB#13 | 22.58 | 23.58 | 24.58 | PASS |
| LTE Band 2 | 10M | QPSK | 18650 | 25RB#25 | 22.07 | 23.07 | 24.07 | PASS |
| LTE Band 2 | 10M | QPSK | 18650 | 50RB#0 | 22.20 | 23.20 | 24.20 | PASS |
| LTE Band 2 | 10M | QPSK | 18900 | 1RB#0 | 23.03 | 24.03 | 25.03 | PASS |
| LTE Band 2 | 10M | QPSK | 18900 | 1RB#25 | 23.75 | 24.75 | 25.75 | PASS |
| LTE Band 2 | 10M | QPSK | 18900 | 1RB#49 | 22.79 | 23.79 | 24.79 | PASS |
| LTE Band 2 | 10M | QPSK | 18900 | 25RB#0 | 22.09 | 23.09 | 24.09 | PASS |
| LTE Band 2 | 10M | QPSK | 18900 | 25RB#13 | 22.31 | 23.31 | 24.31 | PASS |
| LTE Band 2 | 10M | QPSK | 18900 | 25RB#25 | 22.19 | 23.19 | 24.19 | PASS |
| LTE Band 2 | 10M | QPSK | 18900 | 50RB#0 | 21.98 | 22.98 | 23.98 | PASS |
| LTE Band 2 | 10M | QPSK | 19150 | 1RB#0 | 22.98 | 23.98 | 24.98 | PASS |
| LTE Band 2 | 10M | QPSK | 19150 | 1RB#25 | 23.50 | 24.50 | 25.50 | PASS |
| LTE Band 2 | 10M | QPSK | 19150 | 1RB#49 | 22.95 | 23.95 | 24.95 | PASS |
| LTE Band 2 | 10M | QPSK | 19150 | 25RB#0 | 22.19 | 23.19 | 24.19 | PASS |
| LTE Band 2 | 10M | QPSK | 19150 | 25RB#13 | 22.29 | 23.29 | 24.29 | PASS |
| LTE Band 2 | 10M | QPSK | 19150 | 25RB#25 | 22.19 | 23.19 | 24.19 | PASS |
| LTE Band 2 | 10M | QPSK | 19150 | 50RB#0 | 22.14 | 23.14 | 24.14 | PASS |
| LTE Band 2 | 10M | 16QAM | 18650 | 1RB#0 | 21.88 | 22.88 | 23.88 | PASS |
| LTE Band 2 | 10M | 16QAM | 18650 | 1RB#25 | 21.84 | 22.84 | 23.84 | PASS |
| LTE Band 2 | 10M | 16QAM | 18650 | 1RB#49 | 21.85 | 22.85 | 23.85 | PASS |
| LTE Band 2 | 10M | 16QAM | 18650 | 25RB#0 | 21.35 | 22.35 | 23.35 | PASS |
| LTE Band 2 | 10M | 16QAM | 18650 | 25RB#13 | 21.36 | 22.36 | 23.36 | PASS |
| LTE Band 2 | 10M | 16QAM | 18650 | 25RB#25 | 21.33 | 22.33 | 23.33 | PASS |
| LTE Band 2 | 10M | 16QAM | 18650 | 50RB#0 | 21.17 | 22.17 | 23.17 | PASS |
| LTE Band 2 | 10M | 16QAM | 18900 | 1RB#0 | 22.03 | 23.03 | 24.03 | PASS |
| LTE Band 2 | 10M | 16QAM | 18900 | 1RB#25 | 21.87 | 22.87 | 23.87 | PASS |
| LTE Band 2 | 10M | 16QAM | 18900 | 1RB#49 | 21.78 | 22.78 | 23.78 | PASS |
| LTE Band 2 | 10M | 16QAM | 18900 | 25RB#0 | 21.12 | 22.12 | 23.12 | PASS |
| LTE Band 2 | 10M | 16QAM | 18900 | 25RB#13 | 21.30 | 22.30 | 23.30 | PASS |
| LTE Band 2 | 10M | 16QAM | 18900 | 25RB#25 | 21.21 | 22.21 | 23.21 | PASS |
| LTE Band 2 | 10M | 16QAM | 18900 | 50RB#0 | 21.14 | 22.14 | 23.14 | PASS |
| LTE Band 2 | 10M | 16QAM | 19150 | 1RB#0 | 21.79 | 22.79 | 23.79 | PASS |
| LTE Band 2 | 10M | 16QAM | 19150 | 1RB#25 | 21.72 | 22.72 | 23.72 | PASS |
| LTE Band 2 | 10M | 16QAM | 19150 | 1RB#49 | 21.76 | 22.76 | 23.76 | PASS |
| LTE Band 2 | 10M | 16QAM | 19150 | 25RB#0 | 21.18 | 22.18 | 23.18 | PASS |
| LTE Band 2 | 10M | 16QAM | 19150 | 25RB#13 | 21.28 | 22.28 | 23.28 | PASS |
| LTE Band 2 | 10M | 16QAM | 19150 | 25RB#25 | 21.22 | 22.22 | 23.22 | PASS |

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|---|---|---|---|---|---|---|---|---|
| LTE Band 2 | 10M | 16QAM | 19150 | 50RB#0 | 21.24 | 22.24 | 23.24 | PASS |
| LTE Band 2 | 15M | QPSK | 18675 | 1RB#0 | 22.92 | 23.92 | 24.92 | PASS |
| LTE Band 2 | 15M | QPSK | 18675 | 1RB#38 | 23.44 | 24.44 | 25.44 | PASS |
| LTE Band 2 | 15M | QPSK | 18675 | 1RB#74 | 22.20 | 23.20 | 24.20 | PASS |
| LTE Band 2 | 15M | QPSK | 18675 | 36RB#0 | 22.39 | 23.39 | 24.39 | PASS |
| LTE Band 2 | 15M | QPSK | 18675 | 36RB#18 | 22.31 | 23.31 | 24.31 | PASS |
| LTE Band 2 | 15M | QPSK | 18675 | 36RB#39 | 21.92 | 22.92 | 23.92 | PASS |
| LTE Band 2 | 15M | QPSK | 18675 | 75RB#0 | 22.17 | 23.17 | 24.17 | PASS |
| LTE Band 2 | 15M | QPSK | 18900 | 1RB#0 | 22.95 | 23.95 | 24.95 | PASS |
| LTE Band 2 | 15M | QPSK | 18900 | 1RB#38 | 23.49 | 24.49 | 25.49 | PASS |
| LTE Band 2 | 15M | QPSK | 18900 | 1RB#74 | 22.60 | 23.60 | 24.60 | PASS |
| LTE Band 2 | 15M | QPSK | 18900 | 36RB#0 | 22.13 | 23.13 | 24.13 | PASS |
| LTE Band 2 | 15M | QPSK | 18900 | 36RB#18 | 22.33 | 23.33 | 24.33 | PASS |
| LTE Band 2 | 15M | QPSK | 18900 | 36RB#39 | 22.15 | 23.15 | 24.15 | PASS |
| LTE Band 2 | 15M | QPSK | 18900 | 75RB#0 | 22.02 | 23.02 | 24.02 | PASS |
| LTE Band 2 | 15M | QPSK | 19125 | 1RB#0 | 22.79 | 23.79 | 24.79 | PASS |
| LTE Band 2 | 15M | QPSK | 19125 | 1RB#38 | 23.19 | 24.19 | 25.19 | PASS |
| LTE Band 2 | 15M | QPSK | 19125 | 1RB#74 | 22.92 | 23.92 | 24.92 | PASS |
| LTE Band 2 | 15M | QPSK | 19125 | 36RB#0 | 22.23 | 23.23 | 24.23 | PASS |
| LTE Band 2 | 15M | QPSK | 19125 | 36RB#18 | 22.12 | 23.12 | 24.12 | PASS |
| LTE Band 2 | 15M | QPSK | 19125 | 36RB#39 | 21.98 | 22.98 | 23.98 | PASS |
| LTE Band 2 | 15M | QPSK | 19125 | 75RB#0 | 22.27 | 23.27 | 24.27 | PASS |
| LTE Band 2 | 15M | 16QAM | 18675 | 1RB#0 | 21.72 | 22.72 | 23.72 | PASS |
| LTE Band 2 | 15M | 16QAM | 18675 | 1RB#38 | 21.69 | 22.69 | 23.69 | PASS |
| LTE Band 2 | 15M | 16QAM | 18675 | 1RB#74 | 21.90 | 22.90 | 23.90 | PASS |
| LTE Band 2 | 15M | 16QAM | 18675 | 36RB#0 | 21.23 | 22.23 | 23.23 | PASS |
| LTE Band 2 | 15M | 16QAM | 18675 | 36RB#18 | 21.29 | 22.29 | 23.29 | PASS |
| LTE Band 2 | 15M | 16QAM | 18675 | 36RB#39 | 21.12 | 22.12 | 23.12 | PASS |
| LTE Band 2 | 15M | 16QAM | 18675 | 75RB#0 | 21.15 | 22.15 | 23.15 | PASS |
| LTE Band 2 | 15M | 16QAM | 18900 | 1RB#0 | 21.90 | 22.90 | 23.90 | PASS |
| LTE Band 2 | 15M | 16QAM | 18900 | 1RB#38 | 21.50 | 22.50 | 23.50 | PASS |
| LTE Band 2 | 15M | 16QAM | 18900 | 1RB#74 | 21.58 | 22.58 | 23.58 | PASS |
| LTE Band 2 | 15M | 16QAM | 18900 | 36RB#0 | 21.07 | 22.07 | 23.07 | PASS |
| LTE Band 2 | 15M | 16QAM | 18900 | 36RB#18 | 21.09 | 22.09 | 23.09 | PASS |
| LTE Band 2 | 15M | 16QAM | 18900 | 36RB#39 | 20.98 | 21.98 | 22.98 | PASS |
| LTE Band 2 | 15M | 16QAM | 18900 | 75RB#0 | 21.25 | 22.25 | 23.25 | PASS |
| LTE Band 2 | 15M | 16QAM | 19125 | 1RB#0 | 21.67 | 22.67 | 23.67 | PASS |
| LTE Band 2 | 15M | 16QAM | 19125 | 1RB#38 | 21.83 | 22.83 | 23.83 | PASS |
| LTE Band 2 | 15M | 16QAM | 19125 | 1RB#74 | 21.79 | 22.79 | 23.79 | PASS |
| LTE Band 2 | 15M | 16QAM | 19125 | 36RB#0 | 21.11 | 22.11 | 23.11 | PASS |
| LTE Band 2 | 15M | 16QAM | 19125 | 36RB#18 | 21.25 | 22.25 | 23.25 | PASS |
| LTE Band 2 | 15M | 16QAM | 19125 | 36RB#39 | 21.18 | 22.18 | 23.18 | PASS |
| LTE Band 2 | 15M | 16QAM | 19125 | 75RB#0 | 21.20 | 22.20 | 23.20 | PASS |

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|---|---|---|---|---|---|---|---|---|
| LTE Band 2 | 20M | QPSK | 18700 | 1RB#0 | 23.00 | 24.00 | 25.00 | PASS |
| LTE Band 2 | 20M | QPSK | 18700 | 1RB#50 | 23.80 | 24.80 | 25.80 | PASS |
| LTE Band 2 | 20M | QPSK | 18700 | 1RB#99 | 22.72 | 23.72 | 24.72 | PASS |
| LTE Band 2 | 20M | QPSK | 18700 | 50RB#0 | 22.53 | 23.53 | 24.53 | PASS |
| LTE Band 2 | 20M | QPSK | 18700 | 50RB#25 | 22.32 | 23.32 | 24.32 | PASS |
| LTE Band 2 | 20M | QPSK | 18700 | 50RB#50 | 21.99 | 22.99 | 23.99 | PASS |
| LTE Band 2 | 20M | QPSK | 18700 | 100RB#0 | 22.19 | 23.19 | 24.19 | PASS |
| LTE Band 2 | 20M | QPSK | 18900 | 1RB#0 | 22.97 | 23.97 | 24.97 | PASS |
| LTE Band 2 | 20M | QPSK | 18900 | 1RB#50 | 24.64 | 25.64 | 26.64 | PASS |
| LTE Band 2 | 20M | QPSK | 18900 | 1RB#99 | 22.96 | 23.96 | 24.96 | PASS |
| LTE Band 2 | 20M | QPSK | 18900 | 50RB#0 | 22.17 | 23.17 | 24.17 | PASS |
| LTE Band 2 | 20M | QPSK | 18900 | 50RB#25 | 22.60 | 23.60 | 24.60 | PASS |
| LTE Band 2 | 20M | QPSK | 18900 | 50RB#50 | 22.25 | 23.25 | 24.25 | PASS |
| LTE Band 2 | 20M | QPSK | 18900 | 100RB#0 | 22.04 | 23.04 | 24.04 | PASS |
| LTE Band 2 | 20M | QPSK | 19100 | 1RB#0 | 22.94 | 23.94 | 24.94 | PASS |
| LTE Band 2 | 20M | QPSK | 19100 | 1RB#50 | 23.20 | 24.20 | 25.20 | PASS |
| LTE Band 2 | 20M | QPSK | 19100 | 1RB#99 | 22.65 | 23.65 | 24.65 | PASS |
| LTE Band 2 | 20M | QPSK | 19100 | 50RB#0 | 22.31 | 23.31 | 24.31 | PASS |
| LTE Band 2 | 20M | QPSK | 19100 | 50RB#25 | 22.09 | 23.09 | 24.09 | PASS |
| LTE Band 2 | 20M | QPSK | 19100 | 50RB#50 | 21.79 | 22.79 | 23.79 | PASS |
| LTE Band 2 | 20M | QPSK | 19100 | 100RB#0 | 22.26 | 23.26 | 24.26 | PASS |
| LTE Band 2 | 20M | 16QAM | 18700 | 1RB#0 | 21.81 | 22.81 | 23.81 | PASS |
| LTE Band 2 | 20M | 16QAM | 18700 | 1RB#50 | 21.74 | 22.74 | 23.74 | PASS |
| LTE Band 2 | 20M | 16QAM | 18700 | 1RB#99 | 21.95 | 22.95 | 23.95 | PASS |
| LTE Band 2 | 20M | 16QAM | 18700 | 50RB#0 | 21.26 | 22.26 | 23.26 | PASS |
| LTE Band 2 | 20M | 16QAM | 18700 | 50RB#25 | 21.26 | 22.26 | 23.26 | PASS |
| LTE Band 2 | 20M | 16QAM | 18700 | 50RB#50 | 21.18 | 22.18 | 23.18 | PASS |
| LTE Band 2 | 20M | 16QAM | 18700 | 100RB#0 | 21.19 | 22.19 | 23.19 | PASS |
| LTE Band 2 | 20M | 16QAM | 18900 | 1RB#0 | 21.88 | 22.88 | 23.88 | PASS |
| LTE Band 2 | 20M | 16QAM | 18900 | 1RB#50 | 21.93 | 22.93 | 23.93 | PASS |
| LTE Band 2 | 20M | 16QAM | 18900 | 1RB#99 | 21.85 | 22.85 | 23.85 | PASS |
| LTE Band 2 | 20M | 16QAM | 18900 | 50RB#0 | 21.25 | 22.25 | 23.25 | PASS |
| LTE Band 2 | 20M | 16QAM | 18900 | 50RB#25 | 21.22 | 22.22 | 23.22 | PASS |
| LTE Band 2 | 20M | 16QAM | 18900 | 50RB#50 | 21.17 | 22.17 | 23.17 | PASS |
| LTE Band 2 | 20M | 16QAM | 18900 | 100RB#0 | 21.09 | 22.09 | 23.09 | PASS |
| LTE Band 2 | 20M | 16QAM | 19100 | 1RB#0 | 21.84 | 22.84 | 23.84 | PASS |
| LTE Band 2 | 20M | 16QAM | 19100 | 1RB#50 | 21.89 | 22.89 | 23.89 | PASS |
| LTE Band 2 | 20M | 16QAM | 19100 | 1RB#99 | 21.88 | 22.88 | 23.88 | PASS |
| LTE Band 2 | 20M | 16QAM | 19100 | 50RB#0 | 21.28 | 22.28 | 23.28 | PASS |
| LTE Band 2 | 20M | 16QAM | 19100 | 50RB#25 | 21.21 | 22.21 | 23.21 | PASS |
| LTE Band 2 | 20M | 16QAM | 19100 | 50RB#50 | 21.23 | 22.23 | 23.23 | PASS |
| LTE Band 2 | 20M | 16QAM | 19100 | 100RB#0 | 21.12 | 22.12 | 23.12 | PASS |

| Band | Bandwidth | Modulation | Channel | RB Configuration | Maximum Output Power(dBm) | EIRP (dBm) Internal Antenna | EIRP (dBm) External Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|
| LTE Band 25 | 1.4M | QPSK | 26047 | 1RB#0 | 22.98 | 23.98 | 24.98 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26047 | 1RB#2 | 23.33 | 24.33 | 25.33 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26047 | 1RB#5 | 23.09 | 24.09 | 25.09 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26047 | 3RB#0 | 23.34 | 24.34 | 25.34 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26047 | 3RB#2 | 23.46 | 24.46 | 25.46 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26047 | 3RB#3 | 23.54 | 24.54 | 25.54 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26047 | 6RB#0 | 22.48 | 23.48 | 24.48 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26365 | 1RB#0 | 23.09 | 24.09 | 25.09 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26365 | 1RB#2 | 23.45 | 24.45 | 25.45 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26365 | 1RB#5 | 23.26 | 24.26 | 25.26 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26365 | 3RB#0 | 23.47 | 24.47 | 25.47 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26365 | 3RB#2 | 23.81 | 24.81 | 25.81 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26365 | 3RB#3 | 23.58 | 24.58 | 25.58 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26365 | 6RB#0 | 22.46 | 23.46 | 24.46 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26683 | 1RB#0 | 23.06 | 24.06 | 25.06 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26683 | 1RB#2 | 22.65 | 23.65 | 24.65 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26683 | 1RB#5 | 22.00 | 23.00 | 24.00 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26683 | 3RB#0 | 22.75 | 23.75 | 24.75 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26683 | 3RB#2 | 22.56 | 23.56 | 24.56 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26683 | 3RB#3 | 22.20 | 23.20 | 24.20 | PASS |
| LTE Band 25 | 1.4M | QPSK | 26683 | 6RB#0 | 22.37 | 23.37 | 24.37 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26047 | 1RB#0 | 21.93 | 22.93 | 23.93 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26047 | 1RB#2 | 22.16 | 23.16 | 24.16 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26047 | 1RB#5 | 22.11 | 23.11 | 24.11 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26047 | 3RB#0 | 22.53 | 23.53 | 24.53 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26047 | 3RB#2 | 22.66 | 23.66 | 24.66 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26047 | 3RB#3 | 22.77 | 23.77 | 24.77 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26047 | 6RB#0 | 21.34 | 22.34 | 23.34 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26365 | 1RB#0 | 21.95 | 22.95 | 23.95 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26365 | 1RB#2 | 22.10 | 23.10 | 24.10 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26365 | 1RB#5 | 22.06 | 23.06 | 24.06 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26365 | 3RB#0 | 22.69 | 23.69 | 24.69 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26365 | 3RB#2 | 22.67 | 23.67 | 24.67 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26365 | 3RB#3 | 22.57 | 23.57 | 24.57 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26365 | 6RB#0 | 21.51 | 22.51 | 23.51 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26683 | 1RB#0 | 21.94 | 22.94 | 23.94 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26683 | 1RB#2 | 21.98 | 22.98 | 23.98 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26683 | 1RB#5 | 21.34 | 22.34 | 23.34 | PASS |

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|---|---|---|---|---|---|---|---|---|
| LTE Band 25 | 1.4M | 16QAM | 26683 | 3RB#0 | 21.97 | 22.97 | 23.97 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26683 | 3RB#2 | 21.79 | 22.79 | 23.79 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26683 | 3RB#3 | 21.90 | 22.90 | 23.90 | PASS |
| LTE Band 25 | 1.4M | 16QAM | 26683 | 6RB#0 | 21.58 | 22.58 | 23.58 | PASS |
| LTE Band 25 | 3M | QPSK | 26055 | 1RB#0 | 23.43 | 24.43 | 25.43 | PASS |
| LTE Band 25 | 3M | QPSK | 26055 | 1RB#7 | 23.53 | 24.53 | 25.53 | PASS |
| LTE Band 25 | 3M | QPSK | 26055 | 1RB#14 | 23.42 | 24.42 | 25.42 | PASS |
| LTE Band 25 | 3M | QPSK | 26055 | 8RB#0 | 22.54 | 23.54 | 24.54 | PASS |
| LTE Band 25 | 3M | QPSK | 26055 | 8RB#4 | 22.57 | 23.57 | 24.57 | PASS |
| LTE Band 25 | 3M | QPSK | 26055 | 8RB#7 | 22.56 | 23.56 | 24.56 | PASS |
| LTE Band 25 | 3M | QPSK | 26055 | 15RB#0 | 22.60 | 23.60 | 24.60 | PASS |
| LTE Band 25 | 3M | QPSK | 26365 | 1RB#0 | 23.19 | 24.19 | 25.19 | PASS |
| LTE Band 25 | 3M | QPSK | 26365 | 1RB#7 | 23.66 | 24.66 | 25.66 | PASS |
| LTE Band 25 | 3M | QPSK | 26365 | 1RB#14 | 23.36 | 24.36 | 25.36 | PASS |
| LTE Band 25 | 3M | QPSK | 26365 | 8RB#0 | 22.62 | 23.62 | 24.62 | PASS |
| LTE Band 25 | 3M | QPSK | 26365 | 8RB#4 | 22.64 | 23.64 | 24.64 | PASS |
| LTE Band 25 | 3M | QPSK | 26365 | 8RB#7 | 22.61 | 23.61 | 24.61 | PASS |
| LTE Band 25 | 3M | QPSK | 26365 | 15RB#0 | 22.52 | 23.52 | 24.52 | PASS |
| LTE Band 25 | 3M | QPSK | 26675 | 1RB#0 | 23.60 | 24.60 | 25.60 | PASS |
| LTE Band 25 | 3M | QPSK | 26675 | 1RB#7 | 23.00 | 24.00 | 25.00 | PASS |
| LTE Band 25 | 3M | QPSK | 26675 | 1RB#14 | 21.78 | 22.78 | 23.78 | PASS |
| LTE Band 25 | 3M | QPSK | 26675 | 8RB#0 | 23.57 | 24.57 | 25.57 | PASS |
| LTE Band 25 | 3M | QPSK | 26675 | 8RB#4 | 22.25 | 23.25 | 24.25 | PASS |
| LTE Band 25 | 3M | QPSK | 26675 | 8RB#7 | 22.24 | 23.24 | 24.24 | PASS |
| LTE Band 25 | 3M | QPSK | 26675 | 15RB#0 | 22.94 | 23.94 | 24.94 | PASS |
| LTE Band 25 | 3M | 16QAM | 26055 | 1RB#0 | 22.14 | 23.14 | 24.14 | PASS |
| LTE Band 25 | 3M | 16QAM | 26055 | 1RB#7 | 22.21 | 23.21 | 24.21 | PASS |
| LTE Band 25 | 3M | 16QAM | 26055 | 1RB#14 | 22.10 | 23.10 | 24.10 | PASS |
| LTE Band 25 | 3M | 16QAM | 26055 | 8RB#0 | 21.26 | 22.26 | 23.26 | PASS |
| LTE Band 25 | 3M | 16QAM | 26055 | 8RB#4 | 21.26 | 22.26 | 23.26 | PASS |
| LTE Band 25 | 3M | 16QAM | 26055 | 8RB#7 | 21.37 | 22.37 | 23.37 | PASS |
| LTE Band 25 | 3M | 16QAM | 26055 | 15RB#0 | 21.48 | 22.48 | 23.48 | PASS |
| LTE Band 25 | 3M | 16QAM | 26365 | 1RB#0 | 22.14 | 23.14 | 24.14 | PASS |
| LTE Band 25 | 3M | 16QAM | 26365 | 1RB#7 | 22.12 | 23.12 | 24.12 | PASS |
| LTE Band 25 | 3M | 16QAM | 26365 | 1RB#14 | 22.25 | 23.25 | 24.25 | PASS |
| LTE Band 25 | 3M | 16QAM | 26365 | 8RB#0 | 21.35 | 22.35 | 23.35 | PASS |
| LTE Band 25 | 3M | 16QAM | 26365 | 8RB#4 | 21.38 | 22.38 | 23.38 | PASS |
| LTE Band 25 | 3M | 16QAM | 26365 | 8RB#7 | 21.45 | 22.45 | 23.45 | PASS |
| LTE Band 25 | 3M | 16QAM | 26365 | 15RB#0 | 21.57 | 22.57 | 23.57 | PASS |
| LTE Band 25 | 3M | 16QAM | 26675 | 1RB#0 | 22.18 | 23.18 | 24.18 | PASS |
| LTE Band 25 | 3M | 16QAM | 26675 | 1RB#7 | 22.08 | 23.08 | 24.08 | PASS |
| LTE Band 25 | 3M | 16QAM | 26675 | 1RB#14 | 20.33 | 21.33 | 22.33 | PASS |
| LTE Band 25 | 3M | 16QAM | 26675 | 8RB#0 | 21.35 | 22.35 | 23.35 | PASS |

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|---|---|---|---|---|---|---|---|---|
| LTE Band 25 | 3M | 16QAM | 26675 | 8RB#4 | 21.36 | 22.36 | 23.36 | PASS |
| LTE Band 25 | 3M | 16QAM | 26675 | 8RB#7 | 21.35 | 22.35 | 23.35 | PASS |
| LTE Band 25 | 3M | 16QAM | 26675 | 15RB#0 | 21.66 | 22.66 | 23.66 | PASS |
| LTE Band 25 | 5M | QPSK | 26065 | 1RB#0 | 23.35 | 24.35 | 25.35 | PASS |
| LTE Band 25 | 5M | QPSK | 26065 | 1RB#13 | 23.44 | 24.44 | 25.44 | PASS |
| LTE Band 25 | 5M | QPSK | 26065 | 1RB#24 | 23.54 | 24.54 | 25.54 | PASS |
| LTE Band 25 | 5M | QPSK | 26065 | 12RB#0 | 22.59 | 23.59 | 24.59 | PASS |
| LTE Band 25 | 5M | QPSK | 26065 | 12RB#6 | 22.55 | 23.55 | 24.55 | PASS |
| LTE Band 25 | 5M | QPSK | 26065 | 12RB#13 | 22.61 | 23.61 | 24.61 | PASS |
| LTE Band 25 | 5M | QPSK | 26065 | 25RB#0 | 22.58 | 23.58 | 24.58 | PASS |
| LTE Band 25 | 5M | QPSK | 26365 | 1RB#0 | 23.39 | 24.39 | 25.39 | PASS |
| LTE Band 25 | 5M | QPSK | 26365 | 1RB#13 | 23.50 | 24.50 | 25.50 | PASS |
| LTE Band 25 | 5M | QPSK | 26365 | 1RB#24 | 23.32 | 24.32 | 25.32 | PASS |
| LTE Band 25 | 5M | QPSK | 26365 | 12RB#0 | 22.58 | 23.58 | 24.58 | PASS |
| LTE Band 25 | 5M | QPSK | 26365 | 12RB#6 | 22.73 | 23.73 | 24.73 | PASS |
| LTE Band 25 | 5M | QPSK | 26365 | 12RB#13 | 22.49 | 23.49 | 24.49 | PASS |
| LTE Band 25 | 5M | QPSK | 26365 | 25RB#0 | 22.53 | 23.53 | 24.53 | PASS |
| LTE Band 25 | 5M | QPSK | 26665 | 1RB#0 | 23.47 | 24.47 | 25.47 | PASS |
| LTE Band 25 | 5M | QPSK | 26665 | 1RB#13 | 23.27 | 24.27 | 25.27 | PASS |
| LTE Band 25 | 5M | QPSK | 26665 | 1RB#24 | 21.73 | 22.73 | 23.73 | PASS |
| LTE Band 25 | 5M | QPSK | 26665 | 12RB#0 | 21.36 | 22.36 | 23.36 | PASS |
| LTE Band 25 | 5M | QPSK | 26665 | 12RB#6 | 22.41 | 23.41 | 24.41 | PASS |
| LTE Band 25 | 5M | QPSK | 26665 | 12RB#13 | 22.09 | 23.09 | 24.09 | PASS |
| LTE Band 25 | 5M | QPSK | 26665 | 25RB#0 | 22.55 | 23.55 | 24.55 | PASS |
| LTE Band 25 | 5M | 16QAM | 26065 | 1RB#0 | 22.02 | 23.02 | 24.02 | PASS |
| LTE Band 25 | 5M | 16QAM | 26065 | 1RB#13 | 22.63 | 23.63 | 24.63 | PASS |
| LTE Band 25 | 5M | 16QAM | 26065 | 1RB#24 | 22.04 | 23.04 | 24.04 | PASS |
| LTE Band 25 | 5M | 16QAM | 26065 | 12RB#0 | 21.28 | 22.28 | 23.28 | PASS |
| LTE Band 25 | 5M | 16QAM | 26065 | 12RB#6 | 21.55 | 22.55 | 23.55 | PASS |
| LTE Band 25 | 5M | 16QAM | 26065 | 12RB#13 | 21.53 | 22.53 | 23.53 | PASS |
| LTE Band 25 | 5M | 16QAM | 26065 | 25RB#0 | 21.43 | 22.43 | 23.43 | PASS |
| LTE Band 25 | 5M | 16QAM | 26365 | 1RB#0 | 21.75 | 22.75 | 23.75 | PASS |
| LTE Band 25 | 5M | 16QAM | 26365 | 1RB#13 | 22.55 | 23.55 | 24.55 | PASS |
| LTE Band 25 | 5M | 16QAM | 26365 | 1RB#24 | 22.10 | 23.10 | 24.10 | PASS |
| LTE Band 25 | 5M | 16QAM | 26365 | 12RB#0 | 21.37 | 22.37 | 23.37 | PASS |
| LTE Band 25 | 5M | 16QAM | 26365 | 12RB#6 | 21.51 | 22.51 | 23.51 | PASS |
| LTE Band 25 | 5M | 16QAM | 26365 | 12RB#13 | 21.53 | 22.53 | 23.53 | PASS |
| LTE Band 25 | 5M | 16QAM | 26365 | 25RB#0 | 21.49 | 22.49 | 23.49 | PASS |
| LTE Band 25 | 5M | 16QAM | 26665 | 1RB#0 | 22.13 | 23.13 | 24.13 | PASS |
| LTE Band 25 | 5M | 16QAM | 26665 | 1RB#13 | 22.54 | 23.54 | 24.54 | PASS |
| LTE Band 25 | 5M | 16QAM | 26665 | 1RB#24 | 21.13 | 22.13 | 23.13 | PASS |
| LTE Band 25 | 5M | 16QAM | 26665 | 12RB#0 | 21.47 | 22.47 | 23.47 | PASS |
| LTE Band 25 | 5M | 16QAM | 26665 | 12RB#6 | 21.57 | 22.57 | 23.57 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| LTE Band 25 | 5M | 16QAM | 26665 | 12RB#13 | 21.34 | 22.34 | 23.34 | PASS |
| LTE Band 25 | 5M | 16QAM | 26665 | 25RB#0 | 21.57 | 22.57 | 23.57 | PASS |
| LTE Band 25 | 10M | QPSK | 26090 | 1RB#0 | 23.55 | 24.55 | 25.55 | PASS |
| LTE Band 25 | 10M | QPSK | 26090 | 1RB#25 | 23.94 | 24.94 | 25.94 | PASS |
| LTE Band 25 | 10M | QPSK | 26090 | 1RB#49 | 23.14 | 24.14 | 25.14 | PASS |
| LTE Band 25 | 10M | QPSK | 26090 | 25RB#0 | 22.69 | 23.69 | 24.69 | PASS |
| LTE Band 25 | 10M | QPSK | 26090 | 25RB#13 | 22.75 | 23.75 | 24.75 | PASS |
| LTE Band 25 | 10M | QPSK | 26090 | 25RB#25 | 22.53 | 23.53 | 24.53 | PASS |
| LTE Band 25 | 10M | QPSK | 26090 | 50RB#0 | 22.58 | 23.58 | 24.58 | PASS |
| LTE Band 25 | 10M | QPSK | 26365 | 1RB#0 | 23.32 | 24.32 | 25.32 | PASS |
| LTE Band 25 | 10M | QPSK | 26365 | 1RB#25 | 23.83 | 24.83 | 25.83 | PASS |
| LTE Band 25 | 10M | QPSK | 26365 | 1RB#49 | 23.40 | 24.40 | 25.40 | PASS |
| LTE Band 25 | 10M | QPSK | 26365 | 25RB#0 | 22.57 | 23.57 | 24.57 | PASS |
| LTE Band 25 | 10M | QPSK | 26365 | 25RB#13 | 22.77 | 23.77 | 24.77 | PASS |
| LTE Band 25 | 10M | QPSK | 26365 | 25RB#25 | 22.54 | 23.54 | 24.54 | PASS |
| LTE Band 25 | 10M | QPSK | 26365 | 50RB#0 | 22.58 | 23.58 | 24.58 | PASS |
| LTE Band 25 | 10M | QPSK | 26640 | 1RB#0 | 22.86 | 23.86 | 24.86 | PASS |
| LTE Band 25 | 10M | QPSK | 26640 | 1RB#25 | 24.55 | 25.55 | 26.55 | PASS |
| LTE Band 25 | 10M | QPSK | 26640 | 1RB#49 | 21.38 | 22.38 | 23.38 | PASS |
| LTE Band 25 | 10M | QPSK | 26640 | 25RB#0 | 23.99 | 24.99 | 25.99 | PASS |
| LTE Band 25 | 10M | QPSK | 26640 | 25RB#13 | 22.63 | 23.63 | 24.63 | PASS |
| LTE Band 25 | 10M | QPSK | 26640 | 25RB#25 | 22.32 | 23.32 | 24.32 | PASS |
| LTE Band 25 | 10M | QPSK | 26640 | 50RB#0 | 22.46 | 23.46 | 24.46 | PASS |
| LTE Band 25 | 10M | 16QAM | 26090 | 1RB#0 | 22.31 | 23.31 | 24.31 | PASS |
| LTE Band 25 | 10M | 16QAM | 26090 | 1RB#25 | 22.12 | 23.12 | 24.12 | PASS |
| LTE Band 25 | 10M | 16QAM | 26090 | 1RB#49 | 22.09 | 23.09 | 24.09 | PASS |
| LTE Band 25 | 10M | 16QAM | 26090 | 25RB#0 | 21.76 | 22.76 | 23.76 | PASS |
| LTE Band 25 | 10M | 16QAM | 26090 | 25RB#13 | 21.51 | 22.51 | 23.51 | PASS |
| LTE Band 25 | 10M | 16QAM | 26090 | 25RB#25 | 21.60 | 22.60 | 23.60 | PASS |
| LTE Band 25 | 10M | 16QAM | 26090 | 50RB#0 | 21.56 | 22.56 | 23.56 | PASS |
| LTE Band 25 | 10M | 16QAM | 26365 | 1RB#0 | 22.12 | 23.12 | 24.12 | PASS |
| LTE Band 25 | 10M | 16QAM | 26365 | 1RB#25 | 22.25 | 23.25 | 24.25 | PASS |
| LTE Band 25 | 10M | 16QAM | 26365 | 1RB#49 | 22.21 | 23.21 | 24.21 | PASS |
| LTE Band 25 | 10M | 16QAM | 26365 | 25RB#0 | 21.58 | 22.58 | 23.58 | PASS |
| LTE Band 25 | 10M | 16QAM | 26365 | 25RB#13 | 21.63 | 22.63 | 23.63 | PASS |
| LTE Band 25 | 10M | 16QAM | 26365 | 25RB#25 | 21.51 | 22.51 | 23.51 | PASS |
| LTE Band 25 | 10M | 16QAM | 26365 | 50RB#0 | 21.60 | 22.60 | 23.60 | PASS |
| LTE Band 25 | 10M | 16QAM | 26640 | 1RB#0 | 22.16 | 23.16 | 24.16 | PASS |
| LTE Band 25 | 10M | 16QAM | 26640 | 1RB#25 | 22.30 | 23.30 | 24.30 | PASS |
| LTE Band 25 | 10M | 16QAM | 26640 | 1RB#49 | 22.03 | 23.03 | 24.03 | PASS |
| LTE Band 25 | 10M | 16QAM | 26640 | 25RB#0 | 21.52 | 22.52 | 23.52 | PASS |
| LTE Band 25 | 10M | 16QAM | 26640 | 25RB#13 | 21.56 | 22.56 | 23.56 | PASS |
| LTE Band 25 | 10M | 16QAM | 26640 | 25RB#25 | 21.41 | 22.41 | 23.41 | PASS |

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|---|---|---|---|---|---|---|---|---|
| LTE Band 25 | 10M | 16QAM | 26640 | 50RB#0 | 21.53 | 22.53 | 23.53 | PASS |
| LTE Band 25 | 15M | QPSK | 26115 | 1RB#0 | 23.59 | 24.59 | 25.59 | PASS |
| LTE Band 25 | 15M | QPSK | 26115 | 1RB#38 | 23.86 | 24.86 | 25.86 | PASS |
| LTE Band 25 | 15M | QPSK | 26115 | 1RB#74 | 22.92 | 23.92 | 24.92 | PASS |
| LTE Band 25 | 15M | QPSK | 26115 | 36RB#0 | 22.78 | 23.78 | 24.78 | PASS |
| LTE Band 25 | 15M | QPSK | 26115 | 36RB#18 | 22.71 | 23.71 | 24.71 | PASS |
| LTE Band 25 | 15M | QPSK | 26115 | 36RB#39 | 22.33 | 23.33 | 24.33 | PASS |
| LTE Band 25 | 15M | QPSK | 26115 | 75RB#0 | 22.61 | 23.61 | 24.61 | PASS |
| LTE Band 25 | 15M | QPSK | 26365 | 1RB#0 | 23.26 | 24.26 | 25.26 | PASS |
| LTE Band 25 | 15M | QPSK | 26365 | 1RB#38 | 23.66 | 24.66 | 25.66 | PASS |
| LTE Band 25 | 15M | QPSK | 26365 | 1RB#74 | 23.36 | 24.36 | 25.36 | PASS |
| LTE Band 25 | 15M | QPSK | 26365 | 36RB#0 | 22.44 | 23.44 | 24.44 | PASS |
| LTE Band 25 | 15M | QPSK | 26365 | 36RB#18 | 22.81 | 23.81 | 24.81 | PASS |
| LTE Band 25 | 15M | QPSK | 26365 | 36RB#39 | 22.44 | 23.44 | 24.44 | PASS |
| LTE Band 25 | 15M | QPSK | 26365 | 75RB#0 | 22.57 | 23.57 | 24.57 | PASS |
| LTE Band 25 | 15M | QPSK | 26615 | 1RB#0 | 23.06 | 24.06 | 25.06 | PASS |
| LTE Band 25 | 15M | QPSK | 26615 | 1RB#38 | 24.12 | 25.12 | 26.12 | PASS |
| LTE Band 25 | 15M | QPSK | 26615 | 1RB#74 | 21.46 | 22.46 | 23.46 | PASS |
| LTE Band 25 | 15M | QPSK | 26615 | 36RB#0 | 23.45 | 24.45 | 25.45 | PASS |
| LTE Band 25 | 15M | QPSK | 26615 | 36RB#18 | 22.75 | 23.75 | 24.75 | PASS |
| LTE Band 25 | 15M | QPSK | 26615 | 36RB#39 | 22.52 | 23.52 | 24.52 | PASS |
| LTE Band 25 | 15M | QPSK | 26615 | 75RB#0 | 22.49 | 23.49 | 24.49 | PASS |
| LTE Band 25 | 15M | 16QAM | 26115 | 1RB#0 | 22.37 | 23.37 | 24.37 | PASS |
| LTE Band 25 | 15M | 16QAM | 26115 | 1RB#38 | 22.01 | 23.01 | 24.01 | PASS |
| LTE Band 25 | 15M | 16QAM | 26115 | 1RB#74 | 22.16 | 23.16 | 24.16 | PASS |
| LTE Band 25 | 15M | 16QAM | 26115 | 36RB#0 | 21.61 | 22.61 | 23.61 | PASS |
| LTE Band 25 | 15M | 16QAM | 26115 | 36RB#18 | 21.69 | 22.69 | 23.69 | PASS |
| LTE Band 25 | 15M | 16QAM | 26115 | 36RB#39 | 21.69 | 22.69 | 23.69 | PASS |
| LTE Band 25 | 15M | 16QAM | 26115 | 75RB#0 | 21.58 | 22.58 | 23.58 | PASS |
| LTE Band 25 | 15M | 16QAM | 26365 | 1RB#0 | 22.12 | 23.12 | 24.12 | PASS |
| LTE Band 25 | 15M | 16QAM | 26365 | 1RB#38 | 22.20 | 23.20 | 24.20 | PASS |
| LTE Band 25 | 15M | 16QAM | 26365 | 1RB#74 | 22.27 | 23.27 | 24.27 | PASS |
| LTE Band 25 | 15M | 16QAM | 26365 | 36RB#0 | 21.65 | 22.65 | 23.65 | PASS |
| LTE Band 25 | 15M | 16QAM | 26365 | 36RB#18 | 21.50 | 22.50 | 23.50 | PASS |
| LTE Band 25 | 15M | 16QAM | 26365 | 36RB#39 | 21.65 | 22.65 | 23.65 | PASS |
| LTE Band 25 | 15M | 16QAM | 26365 | 75RB#0 | 21.62 | 22.62 | 23.62 | PASS |
| LTE Band 25 | 15M | 16QAM | 26615 | 1RB#0 | 22.41 | 23.41 | 24.41 | PASS |
| LTE Band 25 | 15M | 16QAM | 26615 | 1RB#38 | 22.11 | 23.11 | 24.11 | PASS |
| LTE Band 25 | 15M | 16QAM | 26615 | 1RB#74 | 22.43 | 23.43 | 24.43 | PASS |
| LTE Band 25 | 15M | 16QAM | 26615 | 36RB#0 | 21.68 | 22.68 | 23.68 | PASS |
| LTE Band 25 | 15M | 16QAM | 26615 | 36RB#18 | 21.44 | 22.44 | 23.44 | PASS |
| LTE Band 25 | 15M | 16QAM | 26615 | 36RB#39 | 21.58 | 22.58 | 23.58 | PASS |
| LTE Band 25 | 15M | 16QAM | 26615 | 75RB#0 | 21.53 | 22.53 | 23.53 | PASS |

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|---|---|---|---|---|---|---|---|---|
| LTE Band 25 | 20M | QPSK | 26140 | 1RB#0 | 23.50 | 24.50 | 25.50 | PASS |
| LTE Band 25 | 20M | QPSK | 26140 | 1RB#50 | 23.80 | 24.80 | 25.80 | PASS |
| LTE Band 25 | 20M | QPSK | 26140 | 1RB#99 | 23.02 | 24.02 | 25.02 | PASS |
| LTE Band 25 | 20M | QPSK | 26140 | 50RB#0 | 23.31 | 24.31 | 25.31 | PASS |
| LTE Band 25 | 20M | QPSK | 26140 | 50RB#25 | 22.81 | 23.81 | 24.81 | PASS |
| LTE Band 25 | 20M | QPSK | 26140 | 50RB#50 | 22.07 | 23.07 | 24.07 | PASS |
| LTE Band 25 | 20M | QPSK | 26140 | 100RB#0 | 22.72 | 23.72 | 24.72 | PASS |
| LTE Band 25 | 20M | QPSK | 26365 | 1RB#0 | 23.08 | 24.08 | 25.08 | PASS |
| LTE Band 25 | 20M | QPSK | 26365 | 1RB#50 | 23.24 | 24.24 | 25.24 | PASS |
| LTE Band 25 | 20M | QPSK | 26365 | 1RB#99 | 23.23 | 24.23 | 25.23 | PASS |
| LTE Band 25 | 20M | QPSK | 26365 | 50RB#0 | 22.52 | 23.52 | 24.52 | PASS |
| LTE Band 25 | 20M | QPSK | 26365 | 50RB#25 | 23.00 | 24.00 | 25.00 | PASS |
| LTE Band 25 | 20M | QPSK | 26365 | 50RB#50 | 22.37 | 23.37 | 24.37 | PASS |
| LTE Band 25 | 20M | QPSK | 26365 | 100RB#0 | 22.57 | 23.57 | 24.57 | PASS |
| LTE Band 25 | 20M | QPSK | 26590 | 1RB#0 | 23.46 | 24.46 | 25.46 | PASS |
| LTE Band 25 | 20M | QPSK | 26590 | 1RB#50 | 23.44 | 24.44 | 25.44 | PASS |
| LTE Band 25 | 20M | QPSK | 26590 | 1RB#99 | 21.48 | 22.48 | 23.48 | PASS |
| LTE Band 25 | 20M | QPSK | 26590 | 50RB#0 | 23.87 | 24.87 | 25.87 | PASS |
| LTE Band 25 | 20M | QPSK | 26590 | 50RB#25 | 22.76 | 23.76 | 24.76 | PASS |
| LTE Band 25 | 20M | QPSK | 26590 | 50RB#50 | 22.59 | 23.59 | 24.59 | PASS |
| LTE Band 25 | 20M | QPSK | 26590 | 100RB#0 | 22.54 | 23.54 | 24.54 | PASS |
| LTE Band 25 | 20M | 16QAM | 26140 | 1RB#0 | 22.27 | 23.27 | 24.27 | PASS |
| LTE Band 25 | 20M | 16QAM | 26140 | 1RB#50 | 22.31 | 23.31 | 24.31 | PASS |
| LTE Band 25 | 20M | 16QAM | 26140 | 1RB#99 | 22.22 | 23.22 | 24.22 | PASS |
| LTE Band 25 | 20M | 16QAM | 26140 | 50RB#0 | 21.68 | 22.68 | 23.68 | PASS |
| LTE Band 25 | 20M | 16QAM | 26140 | 50RB#25 | 21.62 | 22.62 | 23.62 | PASS |
| LTE Band 25 | 20M | 16QAM | 26140 | 50RB#50 | 21.71 | 22.71 | 23.71 | PASS |
| LTE Band 25 | 20M | 16QAM | 26140 | 100RB#0 | 21.61 | 22.61 | 23.61 | PASS |
| LTE Band 25 | 20M | 16QAM | 26365 | 1RB#0 | 22.30 | 23.30 | 24.30 | PASS |
| LTE Band 25 | 20M | 16QAM | 26365 | 1RB#50 | 22.37 | 23.37 | 24.37 | PASS |
| LTE Band 25 | 20M | 16QAM | 26365 | 1RB#99 | 22.16 | 23.16 | 24.16 | PASS |
| LTE Band 25 | 20M | 16QAM | 26365 | 50RB#0 | 21.69 | 22.69 | 23.69 | PASS |
| LTE Band 25 | 20M | 16QAM | 26365 | 50RB#25 | 21.62 | 22.62 | 23.62 | PASS |
| LTE Band 25 | 20M | 16QAM | 26365 | 50RB#50 | 21.57 | 22.57 | 23.57 | PASS |
| LTE Band 25 | 20M | 16QAM | 26365 | 100RB#0 | 21.62 | 22.62 | 23.62 | PASS |
| LTE Band 25 | 20M | 16QAM | 26590 | 1RB#0 | 22.25 | 23.25 | 24.25 | PASS |
| LTE Band 25 | 20M | 16QAM | 26590 | 1RB#50 | 22.23 | 23.23 | 24.23 | PASS |
| LTE Band 25 | 20M | 16QAM | 26590 | 1RB#99 | 21.03 | 22.03 | 23.03 | PASS |
| LTE Band 25 | 20M | 16QAM | 26590 | 50RB#0 | 21.55 | 22.55 | 23.55 | PASS |
| LTE Band 25 | 20M | 16QAM | 26590 | 50RB#25 | 21.70 | 22.70 | 23.70 | PASS |
| LTE Band 25 | 20M | 16QAM | 26590 | 50RB#50 | 21.53 | 22.53 | 23.53 | PASS |
| LTE Band 25 | 20M | 16QAM | 26590 | 100RB#0 | 21.53 | 22.53 | 23.53 | PASS |

**Note: All conducted power has been calculated for line loss.**

## 5.2. Radiates Spurious Emission

### Ambient condition

| Temperature | Relative humidity | Pressure |
|---|---|---|
| 23°C ~25°C | 45%~50% | 101.5kPa |

### Method of Measurement

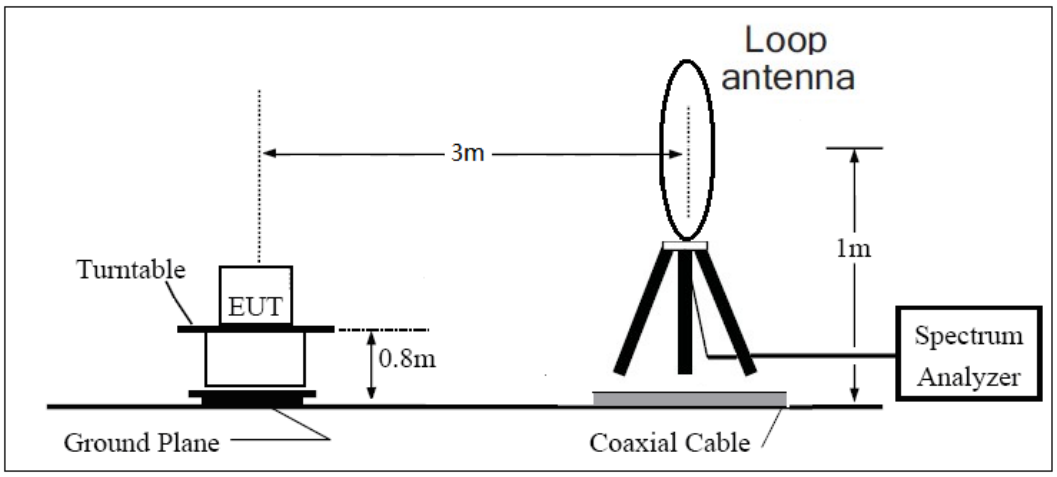
1. The testing follows FCC KDB 971168 v03r01 Section 5.8 and ANSI C63.26 (2015).
2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H). Above 1GHz: (Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).
3. A loop antenna, A log-periodic antenna or horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
4. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=200Hz,VBW=600Hz for 9kHz-150kHz , RBW=10kHz, VBW=30kHz 150kHz-30MHz , RBW=100kHz,VBW=300kHz for 30MHz to 1GHz and RBW=1MHz, VBW=3MHz for above 1GHz, And the maximum value of the receiver should be recorded as (Pr).
5. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
6. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (Pcl) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
7. The measurement results are obtained as described below:
Power(EIRP)=PMea- PAg - Pcl + Ga
The measurement results are amend as described below:
Power(EIRP)=PMea- Pcl + Ga

8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dBi.

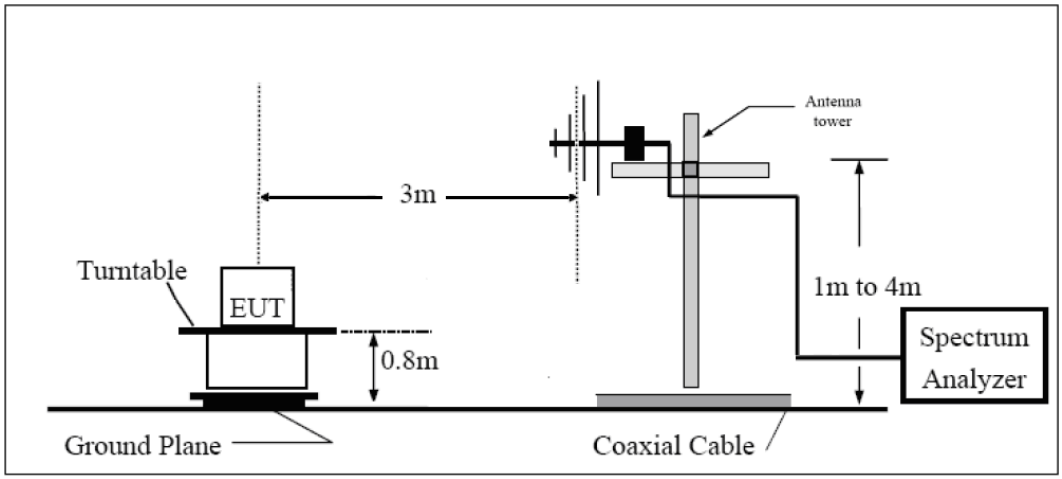
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

**Test setup**

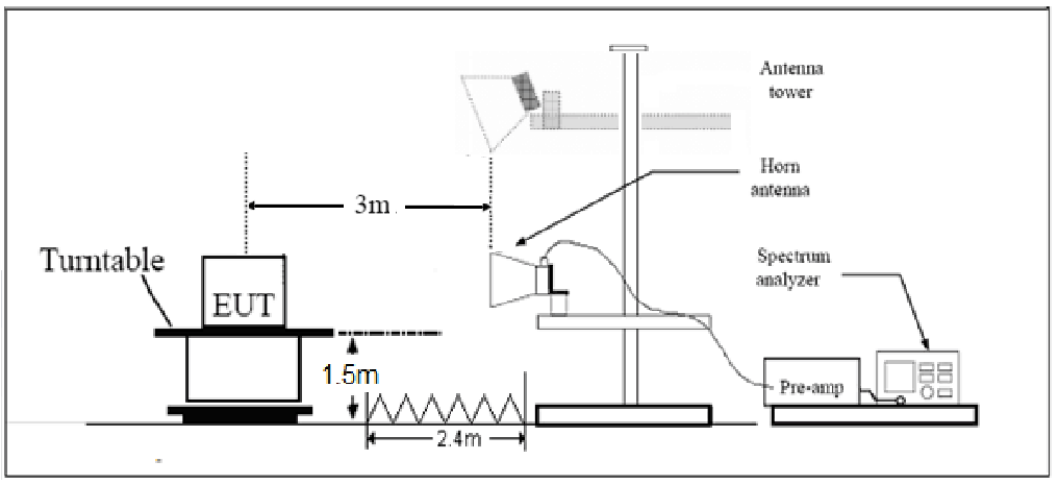
**9KHz ~ 30MHz**




**30MHz ~ 1GHz**




**Above 1GHz**




Note: Area side: 2.4mX3.6m

**Limits**

Rule Part 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log10 (P) dB.”

| Limit | -13 dBm |
|---|---|

**Measurement Uncertainty**

The assessed measurement uncertainty to ensure 95％ confidence level for the normal distribution is with the coverage factor *k* = 1.96, *U*= 3.55 dB.

**Test Result**

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

GSM 1900 CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | EIRP Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3760.00 | -57.26 | 5.10 | 11.05 | Horizontal | -51.31 | -13.00 | 38.31 | 45 |
| 3 | 5640.00 | -52.38 | 5.42 | 12.65 | Horizontal | -45.15 | -13.00 | 32.15 | 315 |
| 4 | 7520.00 | -57.18 | 6.70 | 13.85 | Horizontal | -50.03 | -13.00 | 37.03 | 45 |
| 5 | 9400.00 | -56.07 | 7.01 | 14.75 | Horizontal | -48.33 | -13.00 | 35.33 | 270 |
| 6 | 11280.00 | -53.46 | 7.48 | 15.95 | Horizontal | -44.99 | -13.00 | 31.99 | 180 |
| 7 | 13160.00 | -54.38 | 7.51 | 16.55 | Horizontal | -45.34 | -13.00 | 32.34 | 0 |
| 8 | 15040.00 | -51.26 | 8.24 | 15.35 | Horizontal | -44.15 | -13.00 | 31.15 | 45 |
| 9 | 16920.00 | -48.30 | 8.41 | 14.95 | Horizontal | -41.76 | -13.00 | 28.76 | 315 |
| 10 | 18800.00 | - | - | - | - | - | - | - | - |
| Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.<br>2. The worst emission was found in the antenna is Horizontal position. | | | | | | | | | |

WCDMA Band II CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | EIRP Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3760.00 | -62.79 | 5.10 | 11.05 | Horizontal | -56.84 | -13.00 | 43.84 | 225 |
| 3 | 5640.00 | -62.49 | 5.42 | 12.65 | Horizontal | -55.26 | -13.00 | 42.26 | 90 |
| 4 | 7520.00 | -56.56 | 6.70 | 13.85 | Horizontal | -49.41 | -13.00 | 36.41 | 45 |
| 5 | 9400.00 | -56.64 | 7.01 | 14.75 | Horizontal | -48.90 | -13.00 | 35.90 | 315 |
| 6 | 11280.00 | -54.44 | 7.48 | 15.95 | Horizontal | -45.97 | -13.00 | 32.97 | 225 |
| 7 | 13160.00 | -54.41 | 7.51 | 16.55 | Horizontal | -45.37 | -13.00 | 32.37 | 90 |
| 8 | 15040.00 | -53.76 | 8.24 | 15.35 | Horizontal | -46.65 | -13.00 | 33.65 | 0 |
| 9 | 16920.00 | -49.49 | 8.41 | 14.95 | Horizontal | -42.95 | -13.00 | 29.95 | 180 |
| 10 | 18800.00 | - | - | - | - | - | - | - | - |
| Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.<br>2. The worst emission was found in the antenna is Horizontal position. | | | | | | | | | |

LTE Band 2 1.4MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | EIRP Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3759.00 | -62.41 | 5.10 | 11.05 | Horizontal | -56.46 | -13.00 | 43.46 | 45 |
| 3 | 5638.88 | -57.47 | 5.42 | 12.65 | Horizontal | -50.24 | -13.00 | 37.24 | 180 |
| 4 | 7520.00 | -53.76 | 6.70 | 13.85 | Horizontal | -46.61 | -13.00 | 33.61 | 225 |
| 5 | 9400.00 | -47.43 | 7.01 | 14.75 | Horizontal | -39.69 | -13.00 | 26.69 | 0 |
| 6 | 11280.00 | -62.50 | 7.48 | 15.95 | Horizontal | -54.03 | -13.00 | 41.03 | 90 |
| 7 | 13160.00 | -60.92 | 7.51 | 16.55 | Horizontal | -51.88 | -13.00 | 38.88 | 180 |
| 8 | 15040.00 | -57.96 | 8.24 | 15.35 | Horizontal | -50.85 | -13.00 | 37.85 | 315 |
| 9 | 16920.00 | -60.39 | 8.41 | 14.95 | Horizontal | -53.85 | -13.00 | 40.85 | 45 |
| 10 | 18800.00 | - | - | - | - | - | - | - | - |
| Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.<br>2. The worst emission was found in the antenna is Horizontal position. | | | | | | | | | |

LTE Band 2 5MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | EIRP Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3755.63 | -61.88 | 5.10 | 11.05 | Horizontal | -55.93 | -13.00 | 42.93 | 0 |
| 3 | 5633.63 | -55.55 | 5.42 | 12.65 | Horizontal | -48.32 | -13.00 | 35.32 | 45 |
| 4 | 7520.00 | -50.02 | 6.70 | 13.85 | Horizontal | -42.87 | -13.00 | 29.87 | 225 |
| 5 | 9389.25 | -44.24 | 7.01 | 14.75 | Horizontal | -36.50 | -13.00 | 23.50 | 270 |
| 6 | 11267.25 | -56.73 | 7.48 | 15.95 | Horizontal | -48.26 | -13.00 | 35.26 | 180 |
| 7 | 13144.50 | -60.77 | 7.51 | 16.55 | Horizontal | -51.73 | -13.00 | 38.73 | 90 |
| 8 | 15023.25 | -55.85 | 8.24 | 15.35 | Horizontal | -48.74 | -13.00 | 35.74 | 315 |
| 9 | 16901.25 | -59.07 | 8.41 | 14.95 | Horizontal | -52.53 | -13.00 | 39.53 | 225 |
| 10 | 18800.00 | - | - | - | - | - | - | - | - |
| Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.<br>2. The worst emission was found in the antenna is Horizontal position. | | | | | | | | | |

LTE Band 2 20MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | EIRP Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3742.13 | -61.70 | 5.10 | 11.05 | Horizontal | -55.75 | -13.00 | 42.75 | 0 |
| 3 | 5613.38 | -58.49 | 5.42 | 12.65 | Horizontal | -51.26 | -13.00 | 38.26 | 90 |
| 4 | 7484.63 | -53.88 | 6.70 | 13.85 | Horizontal | -46.73 | -13.00 | 33.73 | 45 |
| 5 | 9389.25 | -46.65 | 7.01 | 14.75 | Horizontal | -38.91 | -13.00 | 25.91 | 270 |
| 6 | 11280.00 | -62.09 | 7.48 | 15.95 | Horizontal | -53.62 | -13.00 | 40.62 | 315 |
| 7 | 13160.00 | -60.56 | 7.51 | 16.55 | Horizontal | -51.52 | -13.00 | 38.52 | 225 |
| 8 | 15040.00 | -57.20 | 8.24 | 15.35 | Horizontal | -50.09 | -13.00 | 37.09 | 180 |
| 9 | 16920.00 | -59.33 | 8.41 | 14.95 | Horizontal | -52.79 | -13.00 | 39.79 | 90 |
| 10 | 18800.00 | - | - | - | - | - | - | - | - |
| Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.<br>2. The worst emission was found in the antenna is Horizontal position. | | | | | | | | | |

LTE Band 25 1.4MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | EIRP Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3765.00 | -60.04 | 5.10 | 11.05 | Horizontal | -54.09 | -13.00 | 41.09 | 90 |
| 3 | 5647.50 | -53.60 | 5.42 | 12.65 | Horizontal | -46.37 | -13.00 | 33.37 | 315 |
| 4 | 7530.00 | -47.52 | 6.70 | 13.85 | Horizontal | -40.37 | -13.00 | 27.37 | 45 |
| 5 | 9412.50 | -43.12 | 7.01 | 14.75 | Horizontal | -35.38 | -13.00 | 22.38 | 270 |
| 6 | 11295.00 | -56.72 | 7.48 | 15.95 | Horizontal | -48.25 | -13.00 | 35.25 | 135 |
| 7 | 13177.50 | -59.31 | 7.51 | 16.55 | Horizontal | -50.27 | -13.00 | 37.27 | 45 |
| 8 | 15060.00 | -55.67 | 8.24 | 15.35 | Horizontal | -48.56 | -13.00 | 35.56 | 315 |
| 9 | 16942.50 | -58.67 | 8.41 | 14.95 | Horizontal | -52.13 | -13.00 | 39.13 | 90 |
| 10 | 18825.00 | - | - | - | - | - | - | - | - |
| Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.<br>2. The worst emission was found in the antenna is Horizontal position. | | | | | | | | | |

LTE Band 25 5MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | EIRP Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3765.00 | -59.35 | 5.10 | 11.05 | Horizontal | -53.40 | -13.00 | 40.40 | 90 |
| 3 | 5647.50 | -54.70 | 5.42 | 12.65 | Horizontal | -47.47 | -13.00 | 34.47 | 135 |
| 4 | 7530.00 | -47.49 | 6.70 | 13.85 | Horizontal | -40.34 | -13.00 | 27.34 | 45 |
| 5 | 9412.50 | -43.93 | 7.01 | 14.75 | Horizontal | -36.19 | -13.00 | 23.19 | 270 |
| 6 | 11295.00 | -56.58 | 7.48 | 15.95 | Horizontal | -48.11 | -13.00 | 35.11 | 45 |
| 7 | 13177.50 | -60.16 | 7.51 | 16.55 | Horizontal | -51.12 | -13.00 | 38.12 | 315 |
| 8 | 15060.00 | -55.37 | 8.24 | 15.35 | Horizontal | -48.26 | -13.00 | 35.26 | 180 |
| 9 | 16942.50 | -60.18 | 8.41 | 14.95 | Horizontal | -53.64 | -13.00 | 40.64 | 90 |
| 10 | 18825.00 | - | - | - | - | - | - | - | - |
| Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.<br>2. The worst emission was found in the antenna is Horizontal position. | | | | | | | | | |

LTE Band 25 20MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | EIRP Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3748.13 | -60.38 | 5.10 | 11.05 | Horizontal | -54.43 | -13.00 | 41.43 | 90 |
| 3 | 5622.00 | -55.04 | 5.42 | 12.65 | Horizontal | -47.81 | -13.00 | 34.81 | 45 |
| 4 | 7496.00 | -48.96 | 6.70 | 13.85 | Horizontal | -41.81 | -13.00 | 28.81 | 270 |
| 5 | 9370.00 | -43.66 | 7.01 | 14.75 | Horizontal | -35.92 | -13.00 | 22.92 | 135 |
| 6 | 11244.00 | -56.78 | 7.48 | 15.95 | Horizontal | -48.31 | -13.00 | 35.31 | 180 |
| 7 | 13118.00 | -59.51 | 7.51 | 16.55 | Horizontal | -50.47 | -13.00 | 37.47 | 45 |
| 8 | 14992.00 | -54.72 | 8.24 | 15.35 | Horizontal | -47.61 | -13.00 | 34.61 | 315 |
| 9 | 16866.00 | -58.06 | 8.41 | 14.95 | Horizontal | -51.52 | -13.00 | 38.52 | 90 |
| 10 | 18740.00 | - | - | - | - | - | - | - | - |
| Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.<br>2. The worst emission was found in the antenna is Horizontal position. | | | | | | | | | |

# 6. Main Test Instruments

| Name | Manufacturer | Type | Serial Number | Calibration Date | Expiration Date |
|---|---|---|---|---|---|
| Base Station Simulator | R&S | CMU200 | 118133 | 2020-05-17 | 2021-05-16 |
| Base Station Simulator | R&S | CMW500 | 113824 | 2020-05-18 | 2021-05-17 |
| Power Splitter | Hua Xiang | SHX-GF2-2-13 | 10120101 | / | / |
| Spectrum Analyzer | Key sight | N9010A | MY50210259 | 2020-05-18 | 2021-05-17 |
| Universal Radio Communication Tester | Key sight | E5515C | MY48367192 | 2020-05-27 | 2021-05-26 |
| Signal Analyzer | R&S | FSV30 | 100815 | 2019-12-15 | 2020-12-14 |
| Loop Antenna | SCHWARZBECK | FMZB1519 | 1519-047 | 2020-04-02 | 2023-04-01 |
| Trilog Antenna | SCHWARZBECK | VUBL 9163 | 391 | 2019-12-16 | 2022-12-15 |
| Horn Antenna | R&S | HF907 | 102723 | 2018-08-11 | 2021-08-10 |
| Horn Antenna | ETS-Lindgren | 3160-09 | 00102643 | 2018-06-20 | 2021-06-19 |
| Signal generator | R&S | SMB 100A | 102594 | 2020-05-18 | 2021-05-17 |
| Climatic Chamber | ESPEC | SU-242 | 93000506 | 2017-12-17 | 2020-12-16 |
| Preampflier | R&S | SCU18 | 102327 | 2020-05-18 | 2021-05-17 |
| MOB COMMS DC SUPPLY | Keysight | 66319D | MY43004105 | 2020-05-18 | 2021-05-17 |
| RF Cable | Agilent | SMA 15cm | 0001 | 2020-06-12 | 2020-12-11 |
| Software | R&S | EMC32 | 9.26.0 | / | / |

********END OF REPORT ********

# ANNEX A: The EUT Appearance

**The EUT Appearance are submitted separately.**

# ANNEX B: Test Setup Photos

**The Test Setup Photos are submitted separately.**