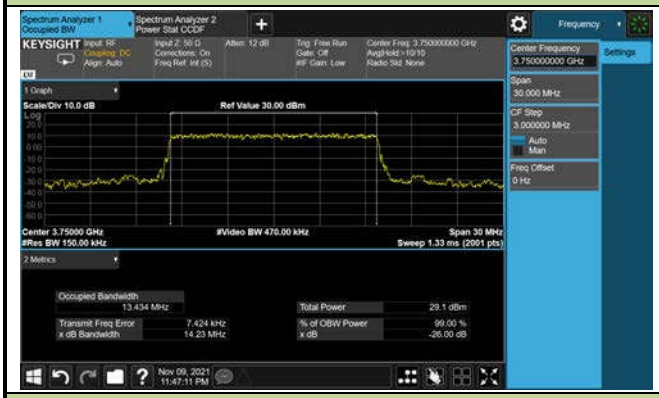
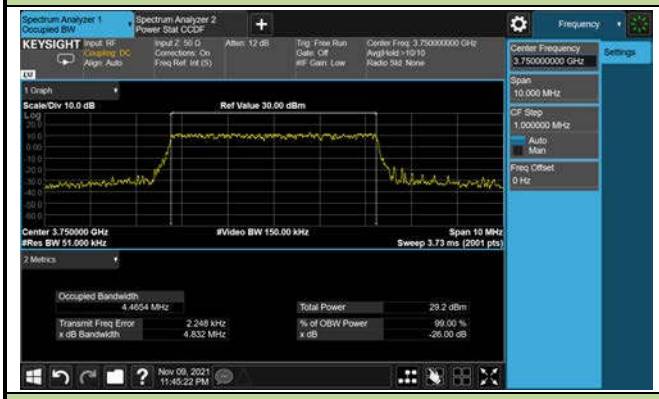
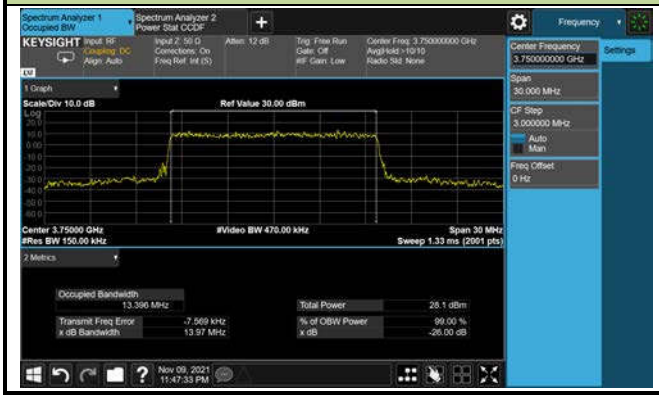
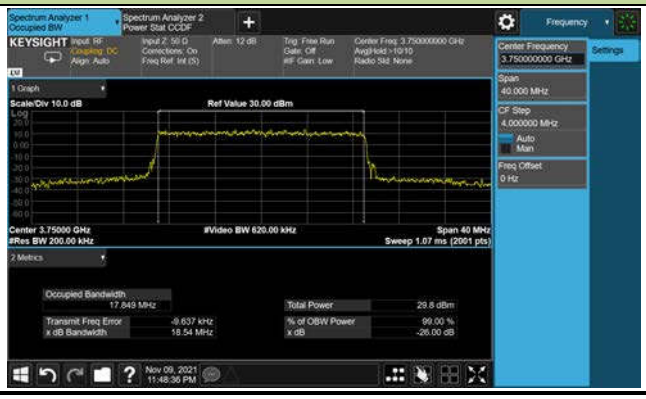
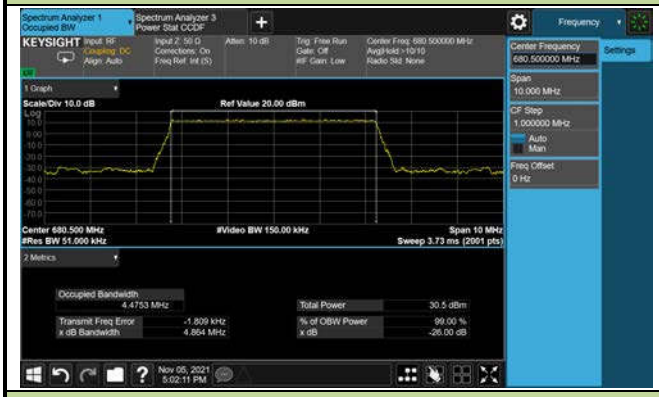
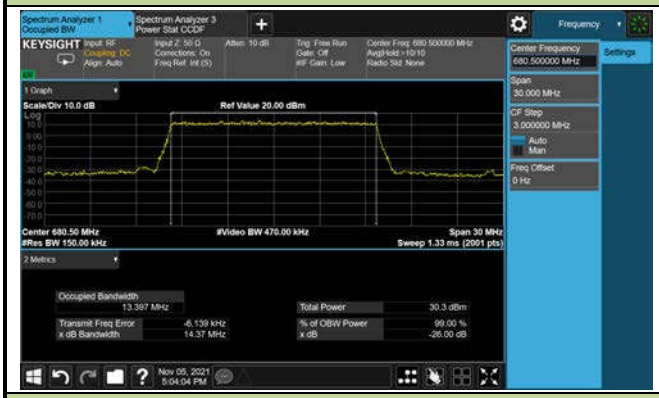
| 99% Bandwidth - QPSK | |
|---|---|
| 5MHz Channel Bandwidth | 10MHz Channel Bandwidth |
|  |  |
| 15MHz Channel Bandwidth | 20MHz Channel Bandwidth |
|  |  |
| 99% Bandwidth - 16QAM | |
| 5MHz Channel Bandwidth | 10MHz Channel Bandwidth |
|  |  |
| 15MHz Channel Bandwidth | 20MHz Channel Bandwidth |
|  |  |

| Product | LTE Module | Test Site | SIP-SR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/05 |
| Test Band | LTE Band 71 | | |

| Channel | Frequency (MHz) | Bandwidth (MHz) | 99% Bandwidth (MHz) |
|---|---|---|---|
| QPSK | | | |
| 133297 | 680.5 | 5 | 4.48 |
| | | 10 | 8.95 |
| | | 15 | 13.40 |
| | | 20 | 17.84 |
| 16QAM | | | |
| 133297 | 680.5 | 5 | 4.47 |
| | | 10 | 8.96 |
| | | 15 | 13.40 |
| | | 20 | 17.89 |

| 99% Bandwidth - QPSK | |
|---|---|
| 5MHz Channel Bandwidth | 10MHz Channel Bandwidth |
|  |  |
| 15MHz Channel Bandwidth | 20MHz Channel Bandwidth |
|  |  |
| 99% Bandwidth - 16QAM | |
| 5MHz Channel Bandwidth | 10MHz Channel Bandwidth |
|  |  |
| 15MHz Channel Bandwidth | 20MHz Channel Bandwidth |
|  |  |

## 5.3. Frequency Stability Measurement

### 5.3.1.Test Limit

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

### 5.3.2.Test Procedure

ANSI C63.26-2015 - Section 5.6

### 5.3.3.Test Setting

**Frequency Stability Under Temperature Variations:**

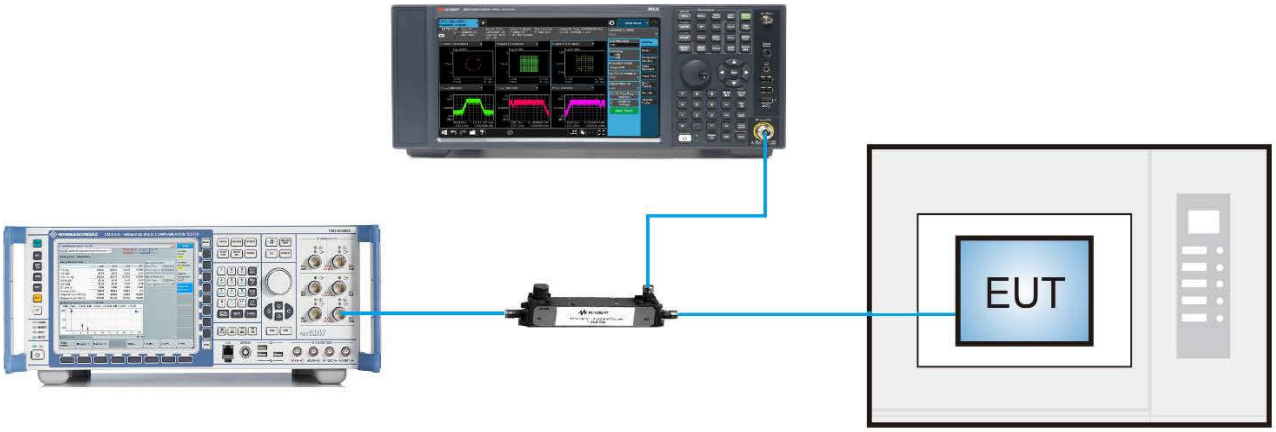
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

**Frequency Stability Under Voltage Variations:**

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, recordthe maximum frequency change.

### 5.3.4.Test Setup



### 5.3.5.Test Result

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 2/25 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | -0.0077 |
| | - 20 | -0.0096 |
| | - 10 | -0.0093 |
| | 0 | -0.0083 |
| | + 10 | -0.0086 |
| | + 20 | -0.0068 |
| | + 30 | -0.0075 |
| | + 40 | -0.0095 |
| | + 50 | -0.0025 |
| 4.4 | + 20 | -0.0061 |
| 3.135 | + 20 | -0.0085 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 4/66 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | -0.0060 |
| | - 20 | -0.0087 |
| | - 10 | -0.0066 |
| | 0 | -0.0046 |
| | + 10 | -0.0074 |
| | + 20 | 0.0063 |
| | + 30 | -0.0059 |
| | + 40 | -0.0052 |
| | + 50 | -0.0019 |
| 4.4 | + 20 | 0.0077 |
| 3.135 | + 20 | 0.0072 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 5/26 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | -0.0102 |
| | - 20 | -0.0088 |
| | - 10 | -0.0096 |
| | 0 | -0.0106 |
| | + 10 | -0.0100 |
| | + 20 | -0.0112 |
| | + 30 | -0.0111 |
| | + 40 | -0.0100 |
| | + 50 | -0.0015 |
| 4.4 | + 20 | -0.0104 |
| 3.135 | + 20 | -0.0107 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 7 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.3 | - 30 | 0.0063 |
| | - 20 | 0.0054 |
| | - 10 | 0.0055 |
| | 0 | 0.0054 |
| | + 10 | -0.0049 |
| | + 20 | 0.0056 |
| | + 30 | -0.0041 |
| | + 40 | -0.0052 |
| | + 50 | 0.0031 |
| 3.8 | + 20 | 0.0048 |
| 3.14 | + 20 | -0.0043 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 12 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | -0.0123 |
| | - 20 | -0.0061 |
| | - 10 | -0.0172 |
| | 0 | 0.0081 |
| | + 10 | -0.0124 |
| | + 20 | -0.0119 |
| | + 30 | -0.0133 |
| | + 40 | -0.0106 |
| | + 50 | -0.0074 |
| 4.4 | + 20 | -0.0103 |
| 3.135 | + 20 | 0.0093 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 13 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | -0.0115 |
| | - 20 | -0.0079 |
| | - 10 | -0.0073 |
| | 0 | -0.0040 |
| | + 10 | -0.0071 |
| | + 20 | 0.0044 |
| | + 30 | -0.0092 |
| | + 40 | -0.0118 |
| | + 50 | -0.0060 |
| 4.4 | + 20 | -0.0083 |
| 3.135 | + 20 | -0.0105 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 17 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | -0.0151 |
| | - 20 | 0.0119 |
| | - 10 | 0.0084 |
| | 0 | 0.0149 |
| | + 10 | 0.0089 |
| | + 20 | 0.0148 |
| | + 30 | -0.0077 |
| | + 40 | -0.0123 |
| | + 50 | 0.0082 |
| 4.4 | + 20 | 0.0116 |
| 3.135 | + 20 | 0.0156 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 41_HPUE | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | 0.0102 |
| | - 20 | 0.0079 |
| | - 10 | 0.0066 |
| | 0 | 0.0060 |
| | + 10 | 0.0066 |
| | + 20 | 0.0053 |
| | + 30 | 0.0055 |
| | + 40 | 0.0060 |
| | + 50 | 0.0043 |
| 4.4 | + 20 | 0.0054 |
| 3.135 | + 20 | -0.0039 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 42 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | -0.0036 |
| | - 20 | -0.0032 |
| | - 10 | -0.0030 |
| | 0 | -0.0027 |
| | + 10 | 0.0045 |
| | + 20 | -0.0030 |
| | + 30 | -0.0035 |
| | + 40 | -0.0044 |
| | + 50 | 0.0019 |
| 4.4 | + 20 | -0.0027 |
| 3.135 | + 20 | -0.0037 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 43 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | -0.0025 |
| | - 20 | 0.0028 |
| | - 10 | 0.0021 |
| | 0 | -0.0024 |
| | + 10 | 0.0018 |
| | + 20 | 0.0024 |
| | + 30 | -0.0021 |
| | + 40 | -0.0028 |
| | + 50 | 0.0034 |
| 4.4 | + 20 | 0.0026 |
| 3.135 | + 20 | -0.0022 |

| Product | LTE Module | Test Site | SIP-TR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/11 |
| Test Band | LTE Band 71 | | |

| Power (Vdc) | Temp (°C) | Frequency Tolerance (ppm) |
|---|---|---|
| 3.8 | - 30 | -0.0095 |
| | - 20 | -0.0100 |
| | - 10 | 0.0100 |
| | 0 | 0.0077 |
| | + 10 | 0.0082 |
| | + 20 | 0.0072 |
| | + 30 | -0.0091 |
| | + 40 | -0.0061 |
| | + 50 | -0.0074 |
| 4.4 | + 20 | -0.0056 |
| 3.135 | + 20 | -0.0063 |

## 5.4. Equivalent Isotropically Radiated Power Measurement

### 5.4.1.Test Limit

Band 5/26:

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

Band 12, 13, 17

Control stations and mobile stations transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 30 watts ERP.

Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

Band 71

Fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

Band 2/25, 7, 41:

Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

Band 4/66:

Fixed, mobile stations operating in the 1710-1755 MHz band and mobile in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

Band 42, 43:

Mobile and portable stations are limited to 1 Watt EIRP.

### 5.4.2.Test Procedure

ANSI C63.26-2015 - Section 5.2

### 5.4.3.Test Setting

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:

ERP or EIRP = $P_{Meas} + G_T$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively

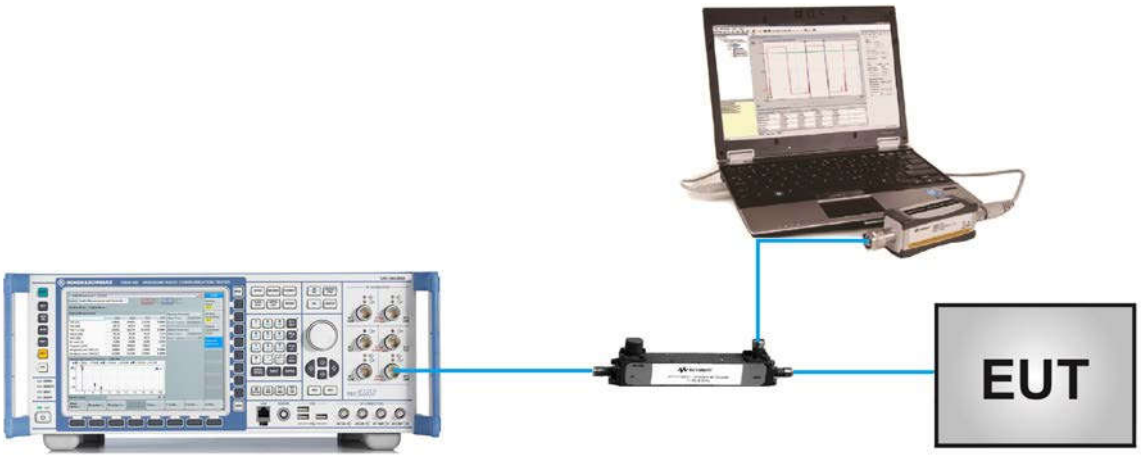
(expressed in the same units as $P_{Meas}$, e.g., dBm or dBW)

$P_{Meas}$ measured transmitter output power or PSD, in dBm or dBW

$G_T$ gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

ERP = EIRP -2.15

### 5.4.4.Test Setup



### 5.4.5.Test Result

| Product | LTE Module | Test Site | SIP-SR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/09 |
| Test Band | LTE Band 2/25 | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 26047 | 1850.70 | 1.4 | 1 | 0 | 22.45 | 25.08 | < 33.01 |
| 26365 | 1882.50 | | | | 22.13 | 24.76 | < 33.01 |
| 26683 | 1914.30 | | | | 22.21 | 24.84 | < 33.01 |
| 26047 | 1850.70 | 1.4 | 1 | 2 | 22.49 | 25.12 | < 33.01 |
| 26365 | 1882.50 | | | | 22.23 | 24.86 | < 33.01 |
| 26683 | 1914.30 | | | | 22.35 | 24.98 | < 33.01 |
| 26047 | 1850.70 | 1.4 | 1 | 6 | 22.47 | 25.10 | < 33.01 |
| 26365 | 1882.50 | | | | 22.18 | 24.81 | < 33.01 |
| 26683 | 1914.30 | | | | 22.30 | 24.93 | < 33.01 |
| 26047 | 1850.70 | 1.4 | 6 | 0 | 21.58 | 24.21 | < 33.01 |
| 26365 | 1882.50 | | | | 21.14 | 23.77 | < 33.01 |
| 26683 | 1914.30 | | | | 21.31 | 23.94 | < 33.01 |
| 26055 | 1851.50 | 3 | 1 | 0 | 22.50 | 25.13 | < 33.01 |
| 26365 | 1882.50 | | | | 22.26 | 24.89 | < 33.01 |
| 26675 | 1913.50 | | | | 22.34 | 24.97 | < 33.01 |
| 26055 | 1851.50 | 3 | 1 | 7 | 22.55 | 25.18 | < 33.01 |
| 26365 | 1882.50 | | | | 22.19 | 24.82 | < 33.01 |
| 26675 | 1913.50 | | | | 22.42 | 25.05 | < 33.01 |
| 26055 | 1851.50 | 3 | 1 | 14 | 22.60 | 25.23 | < 33.01 |
| 26365 | 1882.50 | | | | 22.18 | 24.81 | < 33.01 |
| 26675 | 1913.50 | | | | 22.30 | 24.93 | < 33.01 |
| 26055 | 1851.50 | 3 | 15 | 0 | 21.67 | 24.30 | < 33.01 |
| 26365 | 1882.50 | | | | 21.28 | 23.91 | < 33.01 |
| 26675 | 1913.50 | | | | 21.35 | 23.98 | < 33.01 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 26065 | 1852.50 | 5 | 1 | 0 | 22.72 | 25.35 | < 33.01 |
| 26365 | 1882.50 | | | | 22.21 | 24.84 | < 33.01 |
| 26665 | 1912.50 | | | | 22.41 | 25.04 | < 33.01 |
| 26065 | 1852.50 | 5 | 1 | 12 | 22.64 | 25.27 | < 33.01 |
| 26365 | 1882.50 | | | | 22.31 | 24.94 | < 33.01 |
| 26665 | 1912.50 | | | | 22.54 | 25.17 | < 33.01 |
| 26065 | 1852.50 | 5 | 1 | 24 | 22.66 | 25.29 | < 33.01 |
| 26365 | 1882.50 | | | | 22.28 | 24.91 | < 33.01 |
| 26665 | 1912.50 | | | | 22.36 | 24.99 | < 33.01 |
| 26065 | 1852.50 | 5 | 25 | 0 | 21.61 | 24.24 | < 33.01 |
| 26365 | 1882.50 | | | | 21.27 | 23.90 | < 33.01 |
| 26665 | 1912.50 | | | | 21.36 | 23.99 | < 33.01 |
| 16390 | 1855.00 | 10 | 1 | 0 | 22.53 | 25.16 | < 33.01 |
| 26365 | 1882.50 | | | | 22.27 | 24.90 | < 33.01 |
| 26640 | 1910.00 | | | | 22.30 | 24.93 | < 33.01 |
| 16390 | 1855.00 | 10 | 1 | 24 | 22.51 | 25.14 | < 33.01 |
| 26365 | 1882.50 | | | | 22.23 | 24.86 | < 33.01 |
| 26640 | 1910.00 | | | | 22.30 | 24.93 | < 33.01 |
| 16390 | 1855.00 | 10 | 1 | 49 | 22.34 | 24.97 | < 33.01 |
| 26365 | 1882.50 | | | | 22.28 | 24.91 | < 33.01 |
| 26640 | 1910.00 | | | | 22.36 | 24.99 | < 33.01 |
| 16390 | 1855.00 | 10 | 50 | 0 | 21.40 | 24.03 | < 33.01 |
| 26365 | 1882.50 | | | | 21.29 | 23.92 | < 33.01 |
| 26640 | 1910.00 | | | | 21.31 | 23.94 | < 33.01 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 26115 | 1857.50 | 15 | 1 | 0 | 22.50 | 25.13 | < 33.01 |
| 26365 | 1882.50 | | | | 22.34 | 24.97 | < 33.01 |
| 26615 | 1907.50 | | | | 22.26 | 24.89 | < 33.01 |
| 26115 | 1857.50 | 15 | 1 | 37 | 22.40 | 25.03 | < 33.01 |
| 26365 | 1882.50 | | | | 22.27 | 24.90 | < 33.01 |
| 26615 | 1907.50 | | | | 22.26 | 24.89 | < 33.01 |
| 26115 | 1857.50 | 15 | 1 | 74 | 22.36 | 24.99 | < 33.01 |
| 26365 | 1882.50 | | | | 22.26 | 24.89 | < 33.01 |
| 26615 | 1907.50 | | | | 22.31 | 24.94 | < 33.01 |
| 26115 | 1857.50 | 15 | 75 | 0 | 21.41 | 24.04 | < 33.01 |
| 26365 | 1882.50 | | | | 21.29 | 23.92 | < 33.01 |
| 26615 | 1907.50 | | | | 21.37 | 24.00 | < 33.01 |
| 26140 | 1860.00 | 20 | 1 | 0 | 22.60 | 25.23 | < 33.01 |
| 26365 | 1882.50 | | | | 22.31 | 24.94 | < 33.01 |
| 26590 | 1905.00 | | | | 22.22 | 24.85 | < 33.01 |
| 26140 | 1860.00 | 20 | 1 | 49 | 22.48 | 25.11 | < 33.01 |
| 26365 | 1882.50 | | | | 22.19 | 24.82 | < 33.01 |
| 26590 | 1905.00 | | | | 22.35 | 24.98 | < 33.01 |
| 26140 | 1860.00 | 20 | 1 | 99 | 22.43 | 25.06 | < 33.01 |
| 26365 | 1882.50 | | | | 22.17 | 24.80 | < 33.01 |
| 26590 | 1905.00 | | | | 22.41 | 25.04 | < 33.01 |
| 26140 | 1860.00 | 20 | 100 | 0 | 21.53 | 24.16 | < 33.01 |
| 26365 | 1882.50 | | | | 21.36 | 23.99 | < 33.01 |
| 26590 | 1905.00 | | | | 21.36 | 23.99 | < 33.01 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| 16QAM | | | | | | | |
| 26047 | 1850.70 | 1.4 | 1 | 0 | 21.32 | 23.95 | < 33.01 |
| 26365 | 1882.50 | | | | 21.32 | 23.95 | < 33.01 |
| 26683 | 1914.30 | | | | 21.07 | 23.70 | < 33.01 |
| 26047 | 1850.70 | 1.4 | 1 | 2 | 21.37 | 24.00 | < 33.01 |
| 26365 | 1882.50 | | | | 21.37 | 24.00 | < 33.01 |
| 26683 | 1914.30 | | | | 21.11 | 23.74 | < 33.01 |
| 26047 | 1850.70 | 1.4 | 1 | 6 | 21.33 | 23.96 | < 33.01 |
| 26365 | 1882.50 | | | | 21.29 | 23.92 | < 33.01 |
| 26683 | 1914.30 | | | | 21.11 | 23.74 | < 33.01 |
| 26047 | 1850.70 | 1.4 | 6 | 0 | 20.54 | 23.17 | < 33.01 |
| 26365 | 1882.50 | | | | 20.26 | 22.89 | < 33.01 |
| 26683 | 1914.30 | | | | 20.35 | 22.98 | < 33.01 |
| 26055 | 1851.50 | 3 | 1 | 0 | 21.62 | 24.25 | < 33.01 |
| 26365 | 1882.50 | | | | 21.30 | 23.93 | < 33.01 |
| 26675 | 1913.50 | | | | 21.74 | 24.37 | < 33.01 |
| 26055 | 1851.50 | 3 | 1 | 7 | 21.61 | 24.24 | < 33.01 |
| 26365 | 1882.50 | | | | 21.00 | 23.63 | < 33.01 |
| 26675 | 1913.50 | | | | 21.76 | 24.39 | < 33.01 |
| 26055 | 1851.50 | 3 | 1 | 14 | 21.95 | 24.58 | < 33.01 |
| 26365 | 1882.50 | | | | 21.35 | 23.98 | < 33.01 |
| 26675 | 1913.50 | | | | 21.15 | 23.78 | < 33.01 |
| 26055 | 1851.50 | 3 | 15 | 0 | 20.75 | 23.38 | < 33.01 |
| 26365 | 1882.50 | | | | 20.30 | 22.93 | < 33.01 |
| 26675 | 1913.50 | | | | 20.32 | 22.95 | < 33.01 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| 16QAM | | | | | | | |
| 26065 | 1852.50 | 5 | 1 | 0 | 21.91 | 24.54 | < 33.01 |
| 26365 | 1882.50 | | | | 21.27 | 23.90 | < 33.01 |
| 26665 | 1912.50 | | | | 21.15 | 23.78 | < 33.01 |
| 26065 | 1852.50 | 5 | 1 | 12 | 22.07 | 24.70 | < 33.01 |
| 26365 | 1882.50 | | | | 21.36 | 23.99 | < 33.01 |
| 26665 | 1912.50 | | | | 21.20 | 23.83 | < 33.01 |
| 26065 | 1852.50 | 5 | 1 | 24 | 21.94 | 24.57 | < 33.01 |
| 26365 | 1882.50 | | | | 21.30 | 23.93 | < 33.01 |
| 26665 | 1912.50 | | | | 21.13 | 23.76 | < 33.01 |
| 26065 | 1852.50 | 5 | 25 | 0 | 20.50 | 23.13 | < 33.01 |
| 26365 | 1882.50 | | | | 20.30 | 22.93 | < 33.01 |
| 26665 | 1912.50 | | | | 20.38 | 23.01 | < 33.01 |
| 16390 | 1855.00 | 10 | 1 | 0 | 22.00 | 24.63 | < 33.01 |
| 26365 | 1882.50 | | | | 21.43 | 24.06 | < 33.01 |
| 26640 | 1910.00 | | | | 21.15 | 23.78 | < 33.01 |
| 16390 | 1855.00 | 10 | 1 | 24 | 21.96 | 24.59 | < 33.01 |
| 26365 | 1882.50 | | | | 21.45 | 24.08 | < 33.01 |
| 26640 | 1910.00 | | | | 21.00 | 23.63 | < 33.01 |
| 16390 | 1855.00 | 10 | 1 | 49 | 21.76 | 24.39 | < 33.01 |
| 26365 | 1882.50 | | | | 21.33 | 23.96 | < 33.01 |
| 26640 | 1910.00 | | | | 21.15 | 23.78 | < 33.01 |
| 16390 | 1855.00 | 10 | 50 | 0 | 20.45 | 23.08 | < 33.01 |
| 26365 | 1882.50 | | | | 20.29 | 22.92 | < 33.01 |
| 26640 | 1910.00 | | | | 20.40 | 23.03 | < 33.01 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| 16QAM | | | | | | | |
| 26115 | 1857.50 | 15 | 1 | 0 | 21.64 | 24.27 | < 33.01 |
| 26365 | 1882.50 | | | | 21.40 | 24.03 | < 33.01 |
| 26615 | 1907.50 | | | | 21.74 | 24.37 | < 33.01 |
| 26115 | 1857.50 | 15 | 1 | 37 | 21.60 | 24.23 | < 33.01 |
| 26365 | 1882.50 | | | | 21.33 | 23.96 | < 33.01 |
| 26615 | 1907.50 | | | | 21.71 | 24.34 | < 33.01 |
| 26115 | 1857.50 | 15 | 1 | 74 | 21.45 | 24.08 | < 33.01 |
| 26365 | 1882.50 | | | | 21.43 | 24.06 | < 33.01 |
| 26615 | 1907.50 | | | | 21.78 | 24.41 | < 33.01 |
| 26115 | 1857.50 | 15 | 75 | 0 | 20.53 | 23.16 | < 33.01 |
| 26365 | 1882.50 | | | | 20.33 | 22.96 | < 33.01 |
| 26615 | 1907.50 | | | | 20.39 | 23.02 | < 33.01 |
| 26140 | 1860.00 | 20 | 1 | 0 | 21.92 | 24.55 | < 33.01 |
| 26365 | 1882.50 | | | | 21.54 | 24.17 | < 33.01 |
| 26590 | 1905.00 | | | | 21.80 | 24.43 | < 33.01 |
| 26140 | 1860.00 | 20 | 1 | 49 | 21.70 | 24.33 | < 33.01 |
| 26365 | 1882.50 | | | | 21.46 | 24.09 | < 33.01 |
| 26590 | 1905.00 | | | | 21.79 | 24.42 | < 33.01 |
| 26140 | 1860.00 | 20 | 1 | 99 | 21.75 | 24.38 | < 33.01 |
| 26365 | 1882.50 | | | | 21.35 | 23.98 | < 33.01 |
| 26590 | 1905.00 | | | | 21.89 | 24.52 | < 33.01 |
| 26140 | 1860.00 | 20 | 100 | 0 | 20.51 | 23.14 | < 33.01 |
| 26365 | 1882.50 | | | | 20.35 | 22.98 | < 33.01 |
| 26590 | 1905.00 | | | | 20.35 | 22.98 | < 33.01 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Product | LTE Module | Test Site | SIP-SR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/09 |
| Test Band | LTE Band 4/66 | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 131979 | 1710.70 | 1.4 | 1 | 0 | 22.55 | 25.41 | < 30.00 |
| 132322 | 1745.00 | | | | 22.63 | 25.49 | < 30.00 |
| 132665 | 1779.30 | | | | 22.37 | 25.23 | < 30.00 |
| 131979 | 1710.70 | 1.4 | 1 | 2 | 22.54 | 25.40 | < 30.00 |
| 132322 | 1745.00 | | | | 22.63 | 25.49 | < 30.00 |
| 132665 | 1779.30 | | | | 22.45 | 25.31 | < 30.00 |
| 131979 | 1710.70 | 1.4 | 1 | 6 | 22.53 | 25.39 | < 30.00 |
| 132322 | 1745.00 | | | | 22.56 | 25.42 | < 30.00 |
| 132665 | 1779.30 | | | | 22.38 | 25.24 | < 30.00 |
| 131979 | 1710.70 | 1.4 | 6 | 0 | 21.57 | 24.43 | < 30.00 |
| 132322 | 1745.00 | | | | 21.70 | 24.56 | < 30.00 |
| 132665 | 1779.30 | | | | 21.38 | 24.24 | < 30.00 |
| 131987 | 1711.50 | 3 | 1 | 0 | 22.60 | 25.46 | < 30.00 |
| 132322 | 1745.00 | | | | 22.71 | 25.57 | < 30.00 |
| 132657 | 1778.50 | | | | 22.52 | 25.38 | < 30.00 |
| 131987 | 1711.50 | 3 | 1 | 7 | 22.57 | 25.43 | < 30.00 |
| 132322 | 1745.00 | | | | 22.63 | 25.49 | < 30.00 |
| 132657 | 1778.50 | | | | 22.44 | 25.30 | < 30.00 |
| 131987 | 1711.50 | 3 | 1 | 14 | 22.59 | 25.45 | < 30.00 |
| 132322 | 1745.00 | | | | 22.61 | 25.47 | < 30.00 |
| 132657 | 1778.50 | | | | 22.35 | 25.21 | < 30.00 |
| 131987 | 1711.50 | 3 | 15 | 0 | 21.67 | 24.53 | < 30.00 |
| 132322 | 1745.00 | | | | 21.80 | 24.66 | < 30.00 |
| 132657 | 1778.50 | | | | 21.52 | 24.38 | < 30.00 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 131997 | 1712.50 | 5 | 1 | 0 | 22.66 | 25.52 | < 30.00 |
| 132322 | 1745.00 | | | | 22.76 | 25.62 | < 30.00 |
| 132647 | 1777.50 | | | | 22.40 | 25.26 | < 30.00 |
| 131997 | 1712.50 | 5 | 1 | 12 | 22.73 | 25.59 | < 30.00 |
| 132322 | 1745.00 | | | | 22.82 | 25.68 | < 30.00 |
| 132647 | 1777.50 | | | | 22.55 | 25.41 | < 30.00 |
| 131997 | 1712.50 | 5 | 1 | 24 | 22.61 | 25.47 | < 30.00 |
| 132322 | 1745.00 | | | | 22.69 | 25.55 | < 30.00 |
| 132647 | 1777.50 | | | | 22.51 | 25.37 | < 30.00 |
| 131997 | 1712.50 | 5 | 25 | 0 | 21.65 | 24.51 | < 30.00 |
| 132322 | 1745.00 | | | | 21.82 | 24.68 | < 30.00 |
| 132647 | 1777.50 | | | | 21.51 | 24.37 | < 30.00 |
| 132022 | 1715.00 | 10 | 1 | 0 | 22.58 | 25.44 | < 30.00 |
| 132322 | 1745.00 | | | | 22.72 | 25.58 | < 30.00 |
| 132622 | 1775.00 | | | | 22.49 | 25.35 | < 30.00 |
| 132022 | 1715.00 | 10 | 1 | 24 | 22.65 | 25.51 | < 30.00 |
| 132322 | 1745.00 | | | | 22.70 | 25.56 | < 30.00 |
| 132622 | 1775.00 | | | | 22.47 | 25.33 | < 30.00 |
| 132022 | 1715.00 | 10 | 1 | 49 | 22.58 | 25.44 | < 30.00 |
| 132322 | 1745.00 | | | | 22.64 | 25.50 | < 30.00 |
| 132622 | 1775.00 | | | | 22.38 | 25.24 | < 30.00 |
| 132022 | 1715.00 | 10 | 50 | 0 | 21.71 | 24.57 | < 30.00 |
| 132322 | 1745.00 | | | | 21.80 | 24.66 | < 30.00 |
| 132622 | 1775.00 | | | | 21.51 | 24.37 | < 30.00 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 132047 | 1717.50 | 15 | 1 | 0 | 22.57 | 25.43 | < 30.00 |
| 132322 | 1745.00 | | | | 22.65 | 25.51 | < 30.00 |
| 132597 | 1772.50 | | | | 22.53 | 25.39 | < 30.00 |
| 132047 | 1717.50 | 15 | 1 | 37 | 22.61 | 25.47 | < 30.00 |
| 132322 | 1745.00 | | | | 22.62 | 25.48 | < 30.00 |
| 132597 | 1772.50 | | | | 22.53 | 25.39 | < 30.00 |
| 132047 | 1717.50 | 15 | 1 | 74 | 22.60 | 25.46 | < 30.00 |
| 132322 | 1745.00 | | | | 22.61 | 25.47 | < 30.00 |
| 132597 | 1772.50 | | | | 22.43 | 25.29 | < 30.00 |
| 132047 | 1717.50 | 15 | 75 | 0 | 21.77 | 24.63 | < 30.00 |
| 132322 | 1745.00 | | | | 21.76 | 24.62 | < 30.00 |
| 132597 | 1772.50 | | | | 21.45 | 24.31 | < 30.00 |
| 132072 | 1720.00 | 20 | 1 | 0 | 22.59 | 25.45 | < 30.00 |
| 132322 | 1745.00 | | | | 22.73 | 25.59 | < 30.00 |
| 132572 | 1770.00 | | | | 22.57 | 25.43 | < 30.00 |
| 132072 | 1720.00 | 20 | 1 | 49 | 22.66 | 25.52 | < 30.00 |
| 132322 | 1745.00 | | | | 22.68 | 25.54 | < 30.00 |
| 132572 | 1770.00 | | | | 22.52 | 25.38 | < 30.00 |
| 132072 | 1720.00 | 20 | 1 | 99 | 22.68 | 25.54 | < 30.00 |
| 132322 | 1745.00 | | | | 22.63 | 25.49 | < 30.00 |
| 132572 | 1770.00 | | | | 22.50 | 25.36 | < 30.00 |
| 132072 | 1720.00 | 20 | 100 | 0 | 21.84 | 24.70 | < 30.00 |
| 132322 | 1745.00 | | | | 21.80 | 24.66 | < 30.00 |
| 132572 | 1770.00 | | | | 21.55 | 24.41 | < 30.00 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| 16QAM | | | | | | | |
| 131979 | 1710.70 | 1.4 | 1 | 0 | 21.42 | 24.28 | < 30.00 |
| 132322 | 1745.00 | | | | 21.70 | 24.56 | < 30.00 |
| 132665 | 1779.30 | | | | 21.10 | 23.96 | < 30.00 |
| 131979 | 1710.70 | 1.4 | 1 | 2 | 21.48 | 24.34 | < 30.00 |
| 132322 | 1745.00 | | | | 21.76 | 24.62 | < 30.00 |
| 132665 | 1779.30 | | | | 21.24 | 24.10 | < 30.00 |
| 131979 | 1710.70 | 1.4 | 1 | 6 | 21.39 | 24.25 | < 30.00 |
| 132322 | 1745.00 | | | | 21.70 | 24.56 | < 30.00 |
| 132665 | 1779.30 | | | | 21.12 | 23.98 | < 30.00 |
| 131979 | 1710.70 | 1.4 | 6 | 0 | 20.62 | 23.48 | < 30.00 |
| 132322 | 1745.00 | | | | 20.72 | 23.58 | < 30.00 |
| 132665 | 1779.30 | | | | 20.45 | 23.31 | < 30.00 |
| 131987 | 1711.50 | 3 | 1 | 0 | 21.72 | 24.58 | < 30.00 |
| 132322 | 1745.00 | | | | 21.55 | 24.41 | < 30.00 |
| 132657 | 1778.50 | | | | 21.50 | 24.36 | < 30.00 |
| 131987 | 1711.50 | 3 | 1 | 7 | 21.35 | 24.21 | < 30.00 |
| 132322 | 1745.00 | | | | 22.10 | 24.96 | < 30.00 |
| 132657 | 1778.50 | | | | 21.54 | 24.40 | < 30.00 |
| 131987 | 1711.50 | 3 | 1 | 14 | 21.38 | 24.24 | < 30.00 |
| 132322 | 1745.00 | | | | 22.04 | 24.90 | < 30.00 |
| 132657 | 1778.50 | | | | 21.54 | 24.40 | < 30.00 |
| 131987 | 1711.50 | 3 | 15 | 0 | 20.72 | 23.58 | < 30.00 |
| 132322 | 1745.00 | | | | 20.83 | 23.69 | < 30.00 |
| 132657 | 1778.50 | | | | 20.51 | 23.37 | < 30.00 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| 16QAM | | | | | | | |
| 131997 | 1712.50 | 5 | 1 | 0 | 21.38 | 24.24 | < 30.00 |
| 132322 | 1745.00 | | | | 22.07 | 24.93 | < 30.00 |
| 132647 | 1777.50 | | | | 21.59 | 24.45 | < 30.00 |
| 131997 | 1712.50 | 5 | 1 | 12 | 21.47 | 24.33 | < 30.00 |
| 132322 | 1745.00 | | | | 22.16 | 25.02 | < 30.00 |
| 132647 | 1777.50 | | | | 21.60 | 24.46 | < 30.00 |
| 131997 | 1712.50 | 5 | 1 | 24 | 21.70 | 24.56 | < 30.00 |
| 132322 | 1745.00 | | | | 21.46 | 24.32 | < 30.00 |
| 132647 | 1777.50 | | | | 21.81 | 24.67 | < 30.00 |
| 131997 | 1712.50 | 5 | 25 | 0 | 20.76 | 23.62 | < 30.00 |
| 132322 | 1745.00 | | | | 20.79 | 23.65 | < 30.00 |
| 132647 | 1777.50 | | | | 20.47 | 23.33 | < 30.00 |
| 132022 | 1715.00 | 10 | 1 | 0 | 22.14 | 25.00 | < 30.00 |
| 132322 | 1745.00 | | | | 21.78 | 24.64 | < 30.00 |
| 132622 | 1775.00 | | | | 21.35 | 24.21 | < 30.00 |
| 132022 | 1715.00 | 10 | 1 | 24 | 22.12 | 24.98 | < 30.00 |
| 132322 | 1745.00 | | | | 21.76 | 24.62 | < 30.00 |
| 132622 | 1775.00 | | | | 21.33 | 24.19 | < 30.00 |
| 132022 | 1715.00 | 10 | 1 | 49 | 21.92 | 24.78 | < 30.00 |
| 132322 | 1745.00 | | | | 21.73 | 24.59 | < 30.00 |
| 132622 | 1775.00 | | | | 21.33 | 24.19 | < 30.00 |
| 132022 | 1715.00 | 10 | 50 | 0 | 20.50 | 23.36 | < 30.00 |
| 132322 | 1745.00 | | | | 20.79 | 23.65 | < 30.00 |
| 132622 | 1775.00 | | | | 20.54 | 23.40 | < 30.00 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| 16QAM | | | | | | | |
| 132047 | 1717.50 | 15 | 1 | 0 | 22.11 | 24.97 | < 30.00 |
| 132322 | 1745.00 | | | | 21.72 | 24.58 | < 30.00 |
| 132597 | 1772.50 | | | | 21.60 | 24.46 | < 30.00 |
| 132047 | 1717.50 | 15 | 1 | 37 | 22.07 | 24.93 | < 30.00 |
| 132322 | 1745.00 | | | | 21.79 | 24.65 | < 30.00 |
| 132597 | 1772.50 | | | | 21.68 | 24.54 | < 30.00 |
| 132047 | 1717.50 | 15 | 1 | 74 | 22.06 | 24.92 | < 30.00 |
| 132322 | 1745.00 | | | | 21.78 | 24.64 | < 30.00 |
| 132597 | 1772.50 | | | | 21.79 | 24.65 | < 30.00 |
| 132047 | 1717.50 | 15 | 75 | 0 | 20.81 | 23.67 | < 30.00 |
| 132322 | 1745.00 | | | | 20.78 | 23.64 | < 30.00 |
| 132597 | 1772.50 | | | | 20.48 | 23.34 | < 30.00 |
| 132072 | 1720.00 | 20 | 1 | 0 | 21.80 | 24.66 | < 30.00 |
| 132322 | 1745.00 | | | | 22.20 | 25.06 | < 30.00 |
| 132572 | 1770.00 | | | | 21.90 | 24.76 | < 30.00 |
| 132072 | 1720.00 | 20 | 1 | 49 | 21.93 | 24.79 | < 30.00 |
| 132322 | 1745.00 | | | | 22.24 | 25.10 | < 30.00 |
| 132572 | 1770.00 | | | | 21.96 | 24.82 | < 30.00 |
| 132072 | 1720.00 | 20 | 1 | 99 | 21.99 | 24.85 | < 30.00 |
| 132322 | 1745.00 | | | | 22.17 | 25.03 | < 30.00 |
| 132572 | 1770.00 | | | | 21.79 | 24.65 | < 30.00 |
| 132072 | 1720.00 | 20 | 100 | 0 | 20.77 | 23.63 | < 30.00 |
| 132322 | 1745.00 | | | | 20.82 | 23.68 | < 30.00 |
| 132572 | 1770.00 | | | | 20.58 | 23.44 | < 30.00 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Product | LTE Module | Test Site | SIP-SR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/09 |
| Test Band | LTE Band 5/26 | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | ERP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 26797 | 824.70 | 1.4 | 1 | 0 | 22.72 | 22.18 | < 38.45 |
| 26915 | 836.50 | | | | 22.81 | 22.27 | < 38.45 |
| 27033 | 848.30 | | | | 22.73 | 22.19 | < 38.45 |
| 26797 | 824.70 | 1.4 | 1 | 2 | 22.74 | 22.20 | < 38.45 |
| 26915 | 836.50 | | | | 22.87 | 22.33 | < 38.45 |
| 27033 | 848.30 | | | | 22.71 | 22.17 | < 38.45 |
| 26797 | 824.70 | 1.4 | 1 | 6 | 22.67 | 22.13 | < 38.45 |
| 26915 | 836.50 | | | | 22.82 | 22.28 | < 38.45 |
| 27033 | 848.30 | | | | 22.77 | 22.23 | < 38.45 |
| 26797 | 824.70 | 1.4 | 6 | 0 | 22.75 | 22.21 | < 38.45 |
| 26915 | 836.50 | | | | 22.81 | 22.27 | < 38.45 |
| 27033 | 848.30 | | | | 22.79 | 22.25 | < 38.45 |
| 26805 | 825.50 | 3 | 1 | 0 | 22.74 | 22.20 | < 38.45 |
| 26915 | 836.50 | | | | 22.76 | 22.22 | < 38.45 |
| 27015 | 846.50 | | | | 22.83 | 22.29 | < 38.45 |
| 26805 | 825.50 | 3 | 1 | 7 | 22.67 | 22.13 | < 38.45 |
| 26915 | 836.50 | | | | 22.82 | 22.28 | < 38.45 |
| 27015 | 846.50 | | | | 22.85 | 22.31 | < 38.45 |
| 26805 | 825.50 | 3 | 1 | 14 | 22.73 | 22.19 | < 38.45 |
| 26915 | 836.50 | | | | 22.78 | 22.24 | < 38.45 |
| 27015 | 846.50 | | | | 22.72 | 22.18 | < 38.45 |
| 26805 | 825.50 | 3 | 15 | 0 | 21.76 | 21.22 | < 38.45 |
| 26915 | 836.50 | | | | 21.77 | 21.23 | < 38.45 |
| 27015 | 846.50 | | | | 21.90 | 21.36 | < 38.45 |
| Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15 | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | ERP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 26815 | 826.50 | 5 | 1 | 0 | 22.85 | 22.31 | < 38.45 |
| 26915 | 836.50 | | | | 22.80 | 22.26 | < 38.45 |
| 27015 | 846.50 | | | | 22.92 | 22.38 | < 38.45 |
| 26815 | 826.50 | 5 | 1 | 12 | 22.85 | 22.31 | < 38.45 |
| 26915 | 836.50 | | | | 22.95 | 22.41 | < 38.45 |
| 27015 | 846.50 | | | | 22.90 | 22.36 | < 38.45 |
| 26815 | 826.50 | 5 | 1 | 24 | 22.94 | 22.40 | < 38.45 |
| 26915 | 836.50 | | | | 22.83 | 22.29 | < 38.45 |
| 27015 | 846.50 | | | | 22.77 | 22.23 | < 38.45 |
| 26815 | 826.50 | 5 | 25 | 0 | 21.90 | 21.36 | < 38.45 |
| 26915 | 836.50 | | | | 21.76 | 21.22 | < 38.45 |
| 27015 | 846.50 | | | | 21.91 | 21.37 | < 38.45 |
| 26840 | 829.00 | 10 | 1 | 0 | 22.74 | 22.20 | < 38.45 |
| 26915 | 836.50 | | | | 22.80 | 22.26 | < 38.45 |
| 26990 | 844.00 | | | | 22.88 | 22.34 | < 38.45 |
| 26840 | 829.00 | 10 | 1 | 24 | 22.81 | 22.27 | < 38.45 |
| 26915 | 836.50 | | | | 22.92 | 22.38 | < 38.45 |
| 26990 | 844.00 | | | | 22.91 | 22.37 | < 38.45 |
| 26840 | 829.00 | 10 | 1 | 49 | 22.76 | 22.22 | < 38.45 |
| 26915 | 836.50 | | | | 22.84 | 22.30 | < 38.45 |
| 26990 | 844.00 | | | | 22.83 | 22.29 | < 38.45 |
| 26840 | 829.00 | 10 | 50 | 0 | 21.90 | 21.36 | < 38.45 |
| 26915 | 836.50 | | | | 21.82 | 21.28 | < 38.45 |
| 26990 | 844.00 | | | | 21.85 | 21.31 | < 38.45 |
| Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15 | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | ERP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 26765 | 821.50 | 15 | 1 | 0 | 22.82 | 22.28 | < 38.45 |
| 26915 | 836.50 | | | | 22.83 | 22.29 | < 38.45 |
| 26965 | 841.50 | | | | 22.78 | 22.24 | < 38.45 |
| 26765 | 821.50 | 15 | 1 | 37 | 22.83 | 22.29 | < 38.45 |
| 26915 | 836.50 | | | | 22.87 | 22.33 | < 38.45 |
| 26965 | 841.50 | | | | 22.76 | 22.22 | < 38.45 |
| 26765 | 821.50 | 15 | 1 | 74 | 22.82 | 22.28 | < 38.45 |
| 26915 | 836.50 | | | | 22.90 | 22.36 | < 38.45 |
| 26965 | 841.50 | | | | 22.71 | 22.17 | < 38.45 |
| 26765 | 821.50 | 15 | 75 | 0 | 21.80 | 21.26 | < 38.45 |
| 26915 | 836.50 | | | | 21.78 | 21.24 | < 38.45 |
| 26965 | 841.50 | | | | 21.85 | 21.31 | < 38.45 |
| Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15 | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | ERP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| 16QAM | | | | | | | |
| 26797 | 824.70 | 1.4 | 1 | 0 | 21.78 | 21.24 | < 38.45 |
| 26915 | 836.50 | | | | 21.56 | 21.02 | < 38.45 |
| 27033 | 848.30 | | | | 21.60 | 21.06 | < 38.45 |
| 26797 | 824.70 | 1.4 | 1 | 2 | 21.88 | 21.34 | < 38.45 |
| 26915 | 836.50 | | | | 21.67 | 21.13 | < 38.45 |
| 27033 | 848.30 | | | | 21.77 | 21.23 | < 38.45 |
| 26797 | 824.70 | 1.4 | 1 | 6 | 21.79 | 21.25 | < 38.45 |
| 26915 | 836.50 | | | | 21.59 | 21.05 | < 38.45 |
| 27033 | 848.30 | | | | 21.62 | 21.08 | < 38.45 |
| 26797 | 824.70 | 1.4 | 6 | 0 | 21.77 | 21.23 | < 38.45 |
| 26915 | 836.50 | | | | 21.55 | 21.01 | < 38.45 |
| 27033 | 848.30 | | | | 21.69 | 21.15 | < 38.45 |
| 26805 | 825.50 | 3 | 1 | 0 | 21.84 | 21.30 | < 38.45 |
| 26915 | 836.50 | | | | 21.51 | 20.97 | < 38.45 |
| 27015 | 846.50 | | | | 22.20 | 21.66 | < 38.45 |
| 26805 | 825.50 | 3 | 1 | 7 | 21.82 | 21.28 | < 38.45 |
| 26915 | 836.50 | | | | 21.61 | 21.07 | < 38.45 |
| 27015 | 846.50 | | | | 22.21 | 21.67 | < 38.45 |
| 26805 | 825.50 | 3 | 1 | 14 | 21.75 | 21.21 | < 38.45 |
| 26915 | 836.50 | | | | 21.50 | 20.96 | < 38.45 |
| 27015 | 846.50 | | | | 22.14 | 21.60 | < 38.45 |
| 26805 | 825.50 | 3 | 15 | 0 | 20.74 | 20.20 | < 38.45 |
| 26915 | 836.50 | | | | 20.71 | 20.17 | < 38.45 |
| 27015 | 846.50 | | | | 20.85 | 20.31 | < 38.45 |
| Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15 | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | ERP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| 16QAM | | | | | | | |
| 26815 | 826.50 | 5 | 1 | 0 | 22.07 | 21.53 | < 38.45 |
| 26915 | 836.50 | | | | 21.92 | 21.38 | < 38.45 |
| 27015 | 846.50 | | | | 21.64 | 21.10 | < 38.45 |
| 26815 | 826.50 | 5 | 1 | 12 | 22.20 | 21.66 | < 38.45 |
| 26915 | 836.50 | | | | 21.99 | 21.45 | < 38.45 |
| 27015 | 846.50 | | | | 21.69 | 21.15 | < 38.45 |
| 26815 | 826.50 | 5 | 1 | 24 | 22.11 | 21.57 | < 38.45 |
| 26915 | 836.50 | | | | 21.97 | 21.43 | < 38.45 |
| 27015 | 846.50 | | | | 21.53 | 20.99 | < 38.45 |
| 26815 | 826.50 | 5 | 25 | 0 | 20.87 | 20.33 | < 38.45 |
| 26915 | 836.50 | | | | 20.67 | 20.13 | < 38.45 |
| 27015 | 846.50 | | | | 20.88 | 20.34 | < 38.45 |
| 26840 | 829.00 | 10 | 1 | 0 | 21.89 | 21.35 | < 38.45 |
| 26915 | 836.50 | | | | 21.57 | 21.03 | < 38.45 |
| 26990 | 844.00 | | | | 22.22 | 21.68 | < 38.45 |
| 26840 | 829.00 | 10 | 1 | 24 | 21.97 | 21.43 | < 38.45 |
| 26915 | 836.50 | | | | 21.60 | 21.06 | < 38.45 |
| 26990 | 844.00 | | | | 22.34 | 21.80 | < 38.45 |
| 26840 | 829.00 | 10 | 1 | 49 | 21.47 | 20.93 | < 38.45 |
| 26915 | 836.50 | | | | 22.13 | 21.59 | < 38.45 |
| 26990 | 844.00 | | | | 21.98 | 21.44 | < 38.45 |
| 26840 | 829.00 | 10 | 50 | 0 | 20.89 | 20.35 | < 38.45 |
| 26915 | 836.50 | | | | 20.82 | 20.28 | < 38.45 |
| 26990 | 844.00 | | | | 20.82 | 20.28 | < 38.45 |
| Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15 | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | ERP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| 16QAM | | | | | | | |
| 26765 | 821.50 | 15 | 1 | 0 | 22.17 | 21.63 | < 38.45 |
| 26915 | 836.50 | | | | 21.88 | 21.34 | < 38.45 |
| 26965 | 841.50 | | | | 21.80 | 21.26 | < 38.45 |
| 26765 | 821.50 | 15 | 1 | 37 | 22.25 | 21.71 | < 38.45 |
| 26915 | 836.50 | | | | 21.93 | 21.39 | < 38.45 |
| 26965 | 841.50 | | | | 21.92 | 21.38 | < 38.45 |
| 26765 | 821.50 | 15 | 1 | 74 | 22.06 | 21.52 | < 38.45 |
| 26915 | 836.50 | | | | 22.29 | 21.75 | < 38.45 |
| 26965 | 841.50 | | | | 21.92 | 21.38 | < 38.45 |
| 26765 | 821.50 | 15 | 75 | 0 | 20.89 | 20.35 | < 38.45 |
| 26915 | 836.50 | | | | 20.85 | 20.31 | < 38.45 |
| 26965 | 841.50 | | | | 20.85 | 20.31 | < 38.45 |
| Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15 | | | | | | | |

| Product | LTE Module | Test Site | SIP-SR1 |
|---|---|---|---|
| Test Engineer | Candy Luo | Test Date | 2021/11/09 |
| Test Band | LTE Band 7 | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 20775 | 2502.50 | 5 | 1 | 0 | 23.05 | 24.12 | < 33.01 |
| 21100 | 2535.00 | | | | 22.75 | 23.82 | < 33.01 |
| 21425 | 2567.50 | | | | 22.75 | 23.82 | < 33.01 |
| 20775 | 2502.50 | 5 | 1 | 12 | 23.12 | 24.19 | < 33.01 |
| 21100 | 2535.00 | | | | 22.82 | 23.89 | < 33.01 |
| 21425 | 2567.50 | | | | 22.83 | 23.90 | < 33.01 |
| 20775 | 2502.50 | 5 | 1 | 24 | 23.13 | 24.20 | < 33.01 |
| 21100 | 2535.00 | | | | 22.80 | 23.87 | < 33.01 |
| 21425 | 2567.50 | | | | 22.75 | 23.82 | < 33.01 |
| 20775 | 2502.50 | 5 | 25 | 0 | 22.10 | 23.17 | < 33.01 |
| 21100 | 2535.00 | | | | 22.01 | 23.08 | < 33.01 |
| 21425 | 2567.50 | | | | 21.89 | 22.96 | < 33.01 |
| 20800 | 2505.00 | 10 | 1 | 0 | 23.04 | 24.11 | < 33.01 |
| 21100 | 2535.00 | | | | 22.98 | 24.05 | < 33.01 |
| 21400 | 2565.00 | | | | 22.64 | 23.71 | < 33.01 |
| 20800 | 2505.00 | 10 | 1 | 24 | 23.08 | 24.15 | < 33.01 |
| 21100 | 2535.00 | | | | 22.95 | 24.02 | < 33.01 |
| 21400 | 2565.00 | | | | 22.72 | 23.79 | < 33.01 |
| 20800 | 2505.00 | 10 | 1 | 49 | 23.02 | 24.09 | < 33.01 |
| 21100 | 2535.00 | | | | 22.96 | 24.03 | < 33.01 |
| 21400 | 2565.00 | | | | 22.72 | 23.79 | < 33.01 |
| 20800 | 2505.00 | 10 | 50 | 0 | 22.02 | 23.09 | < 33.01 |
| 21100 | 2535.00 | | | | 21.95 | 23.02 | < 33.01 |
| 21400 | 2565.00 | | | | 21.82 | 22.89 | < 33.01 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|
| QPSK | | | | | | | |
| 20825 | 2507.50 | 15 | 1 | 0 | 23.13 | 24.20 | < 33.01 |
| 21100 | 2535.00 | | | | 22.88 | 23.95 | < 33.01 |
| 21375 | 2562.50 | | | | 22.87 | 23.94 | < 33.01 |
| 20825 | 2507.50 | 15 | 1 | 37 | 23.12 | 24.19 | < 33.01 |
| 21100 | 2535.00 | | | | 23.01 | 24.08 | < 33.01 |
| 21375 | 2562.50 | | | | 22.76 | 23.83 | < 33.01 |
| 20825 | 2507.50 | 15 | 1 | 74 | 23.08 | 24.15 | < 33.01 |
| 21100 | 2535.00 | | | | 23.00 | 24.07 | < 33.01 |
| 21375 | 2562.50 | | | | 22.76 | 23.83 | < 33.01 |
| 20825 | 2507.50 | 15 | 75 | 0 | 21.98 | 23.05 | < 33.01 |
| 21100 | 2535.00 | | | | 21.90 | 22.97 | < 33.01 |
| 21375 | 2562.50 | | | | 21.90 | 22.97 | < 33.01 |
| 20850 | 2510.00 | 20 | 1 | 0 | 23.08 | 24.15 | < 33.01 |
| 21100 | 2535.00 | | | | 22.96 | 24.03 | < 33.01 |
| 21350 | 2560.00 | | | | 22.77 | 23.84 | < 33.01 |
| 20850 | 2510.00 | 20 | 1 | 49 | 23.05 | 24.12 | < 33.01 |
| 21100 | 2535.00 | | | | 22.89 | 23.96 | < 33.01 |
| 21350 | 2560.00 | | | | 22.70 | 23.77 | < 33.01 |
| 20850 | 2510.00 | 20 | 1 | 99 | 23.03 | 24.10 | < 33.01 |
| 21100 | 2535.00 | | | | 22.88 | 23.95 | < 33.01 |
| 21350 | 2560.00 | | | | 22.83 | 23.90 | < 33.01 |
| 20850 | 2510.00 | 20 | 100 | 0 | 22.06 | 23.13 | < 33.01 |
| 21100 | 2535.00 | | | | 21.97 | 23.04 | < 33.01 |
| 21350 | 2560.00 | | | | 21.91 | 22.98 | < 33.01 |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | | |