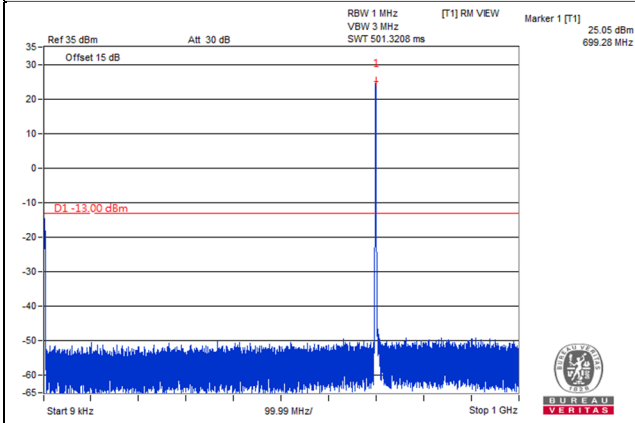


LTE Band 12

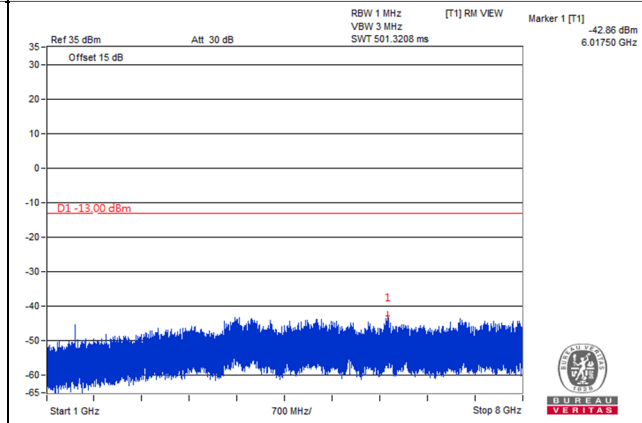
Channel Band width: 1.4MHz

Channel 23017 (699.7MHz)

Frequency Range : 9kHz~1GHz

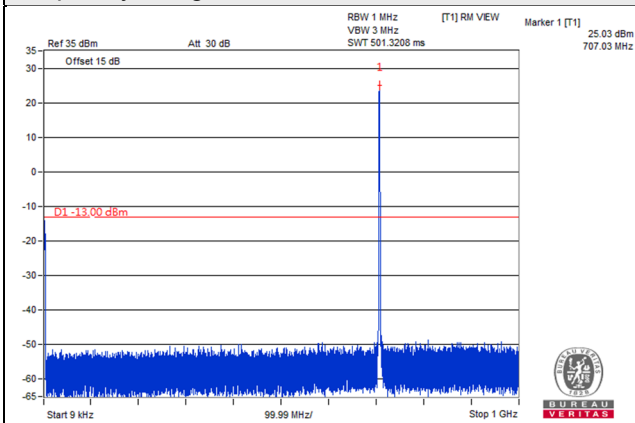


Frequency Range : 1GHz~8GHz

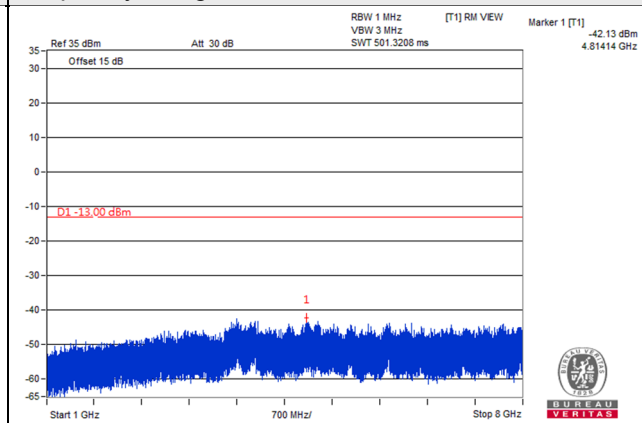


Channel 23095 (707.5MHz)

Frequency Range : 9kHz~1GHz

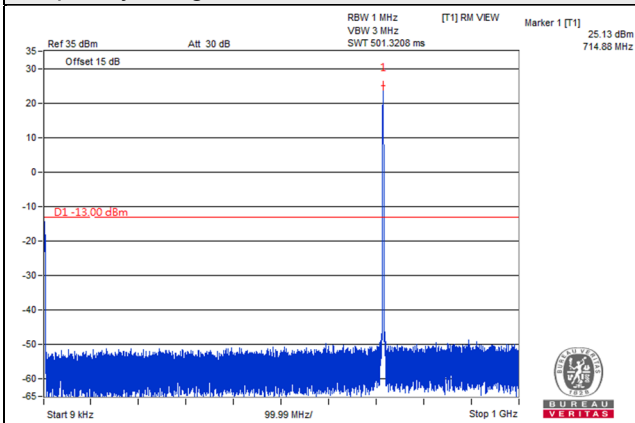


Frequency Range : 1GHz~8GHz

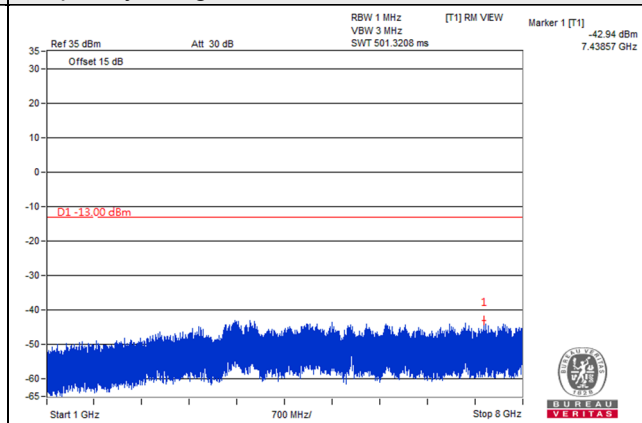


Channel 23173 (715.3MHz)

Frequency Range : 9kHz~1GHz



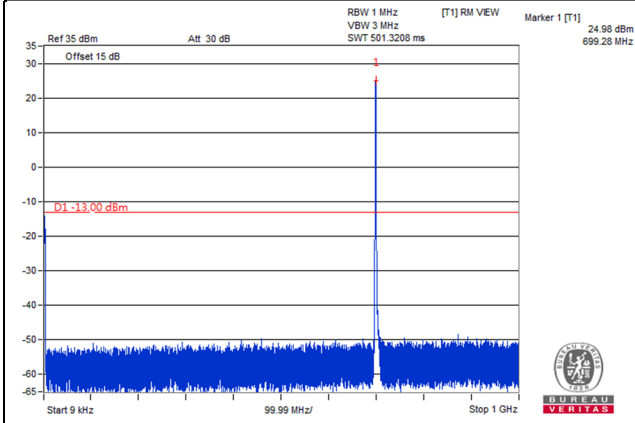
Frequency Range : 1GHz~8GHz



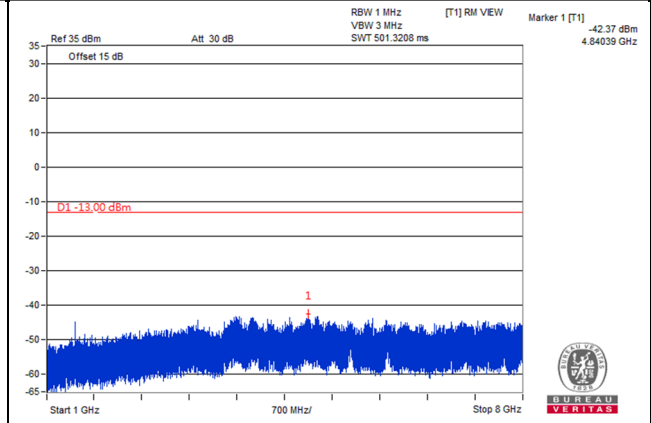
Channel Band width: 3MHz

Channel 23025 (700.5MHz)

Frequency Range : 9kHz~1GHz

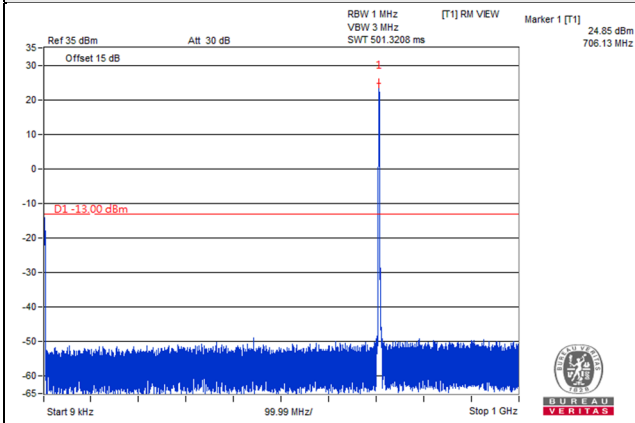


Frequency Range : 1GHz~8GHz

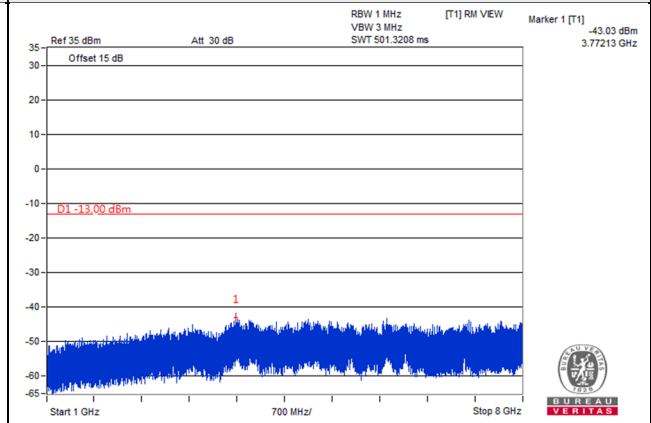


Channel 23095 (707.5MHz)

Frequency Range : 9kHz~1GHz

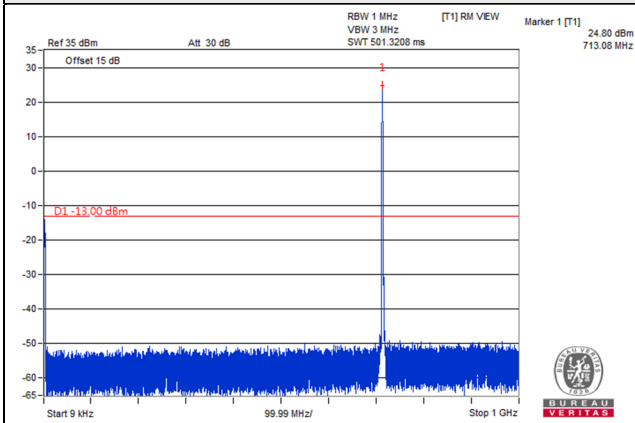


Frequency Range : 1GHz~8GHz

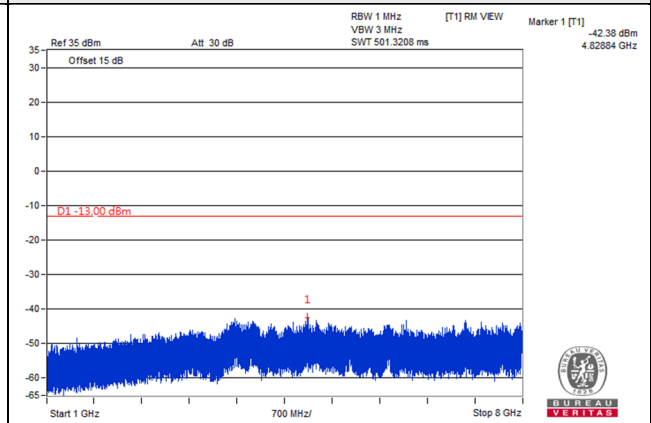


Channel 23165 (714.5MHz)

Frequency Range : 9kHz~1GHz



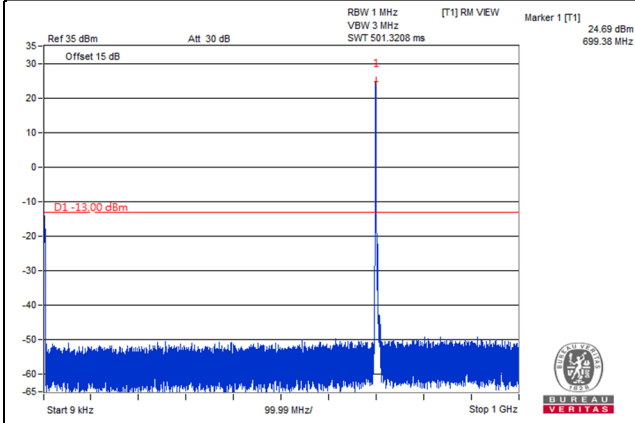
Frequency Range : 1GHz~8GHz



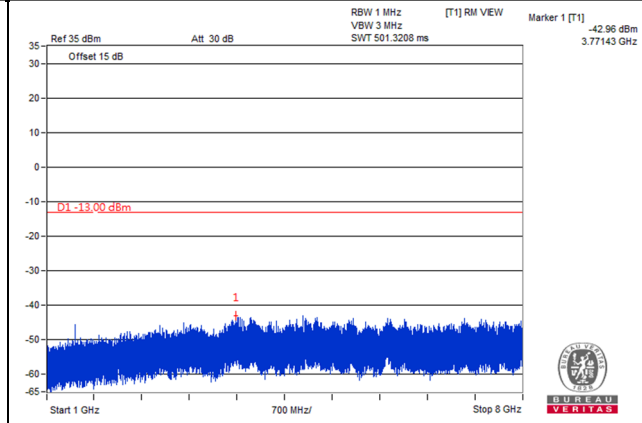
Channel Band width: 5MHz

Channel 23035 (701.5MHz)

Frequency Range : 9kHz~1GHz

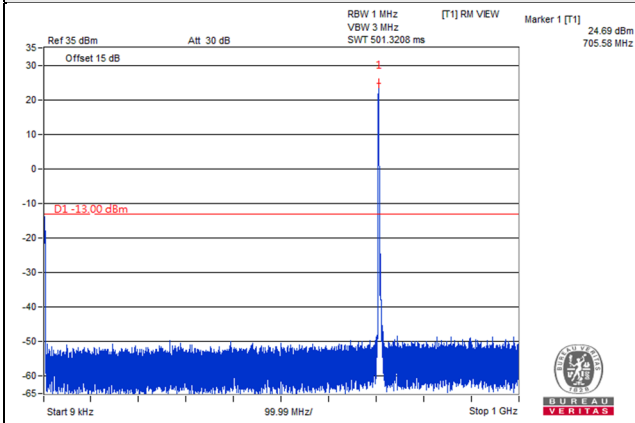


Frequency Range : 1GHz~8GHz

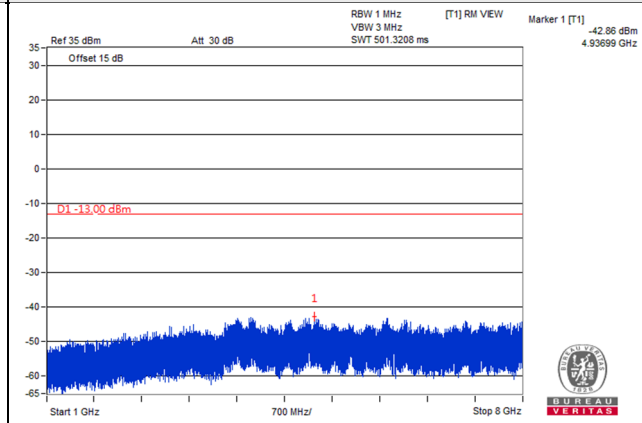


Channel 23095 (707.5MHz)

Frequency Range : 9kHz~1GHz

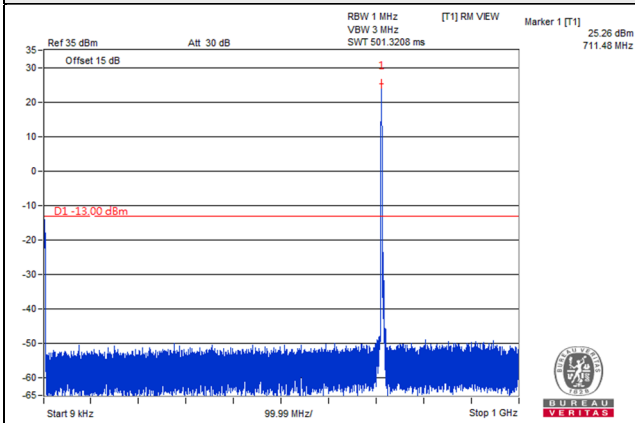


Frequency Range : 1GHz~8GHz

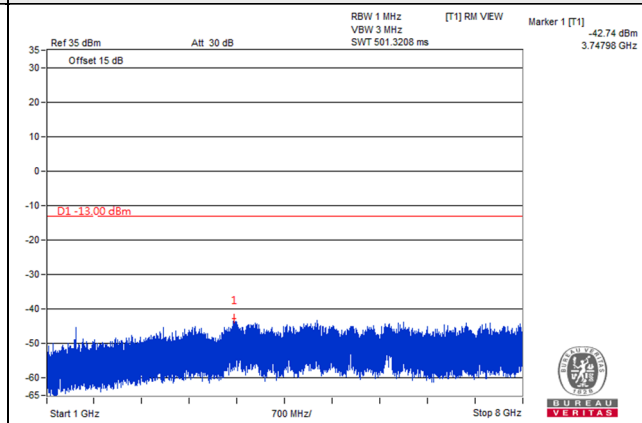


Channel 23155 (713.5MHz)

Frequency Range : 9kHz~1GHz



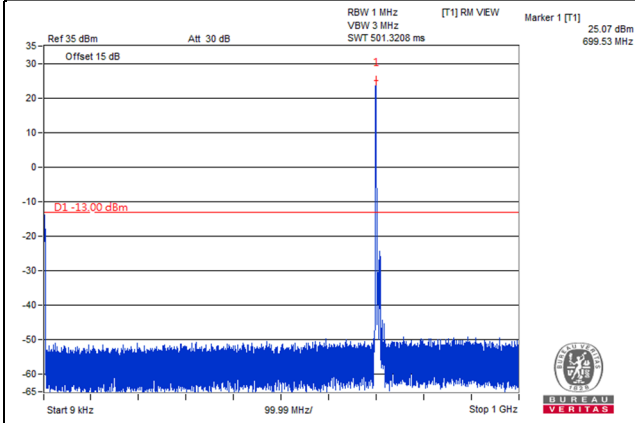
Frequency Range : 1GHz~8GHz



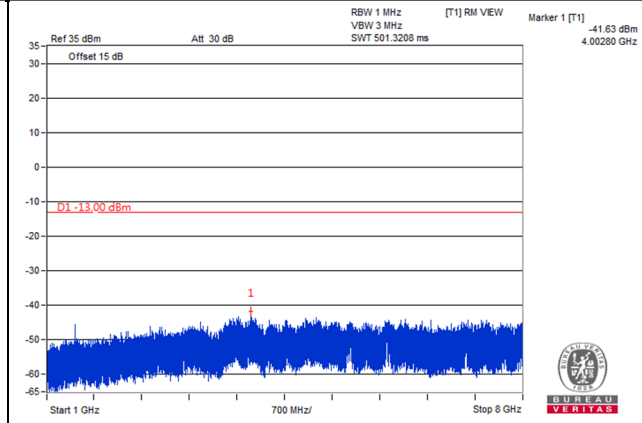
Channel Band width: 10MHz

Channel 23060 (704MHz)

Frequency Range : 9kHz~1GHz

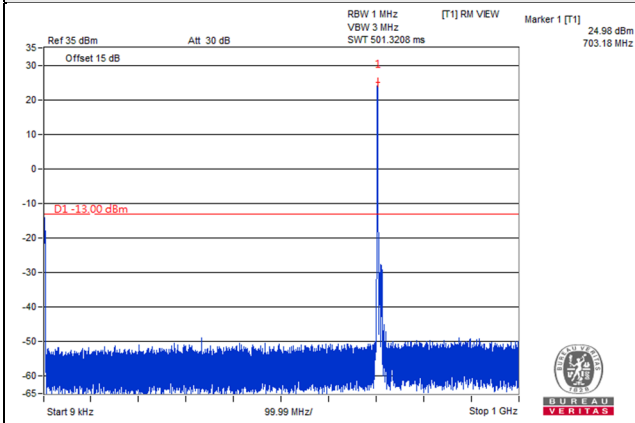


Frequency Range : 1GHz~8GHz

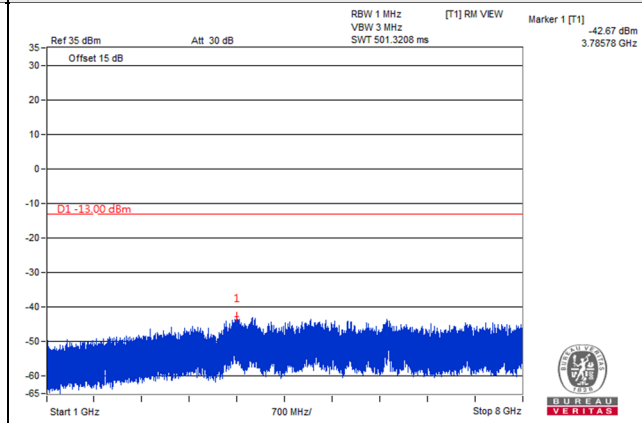


Channel 23095 (707.5MHz)

Frequency Range : 9kHz~1GHz

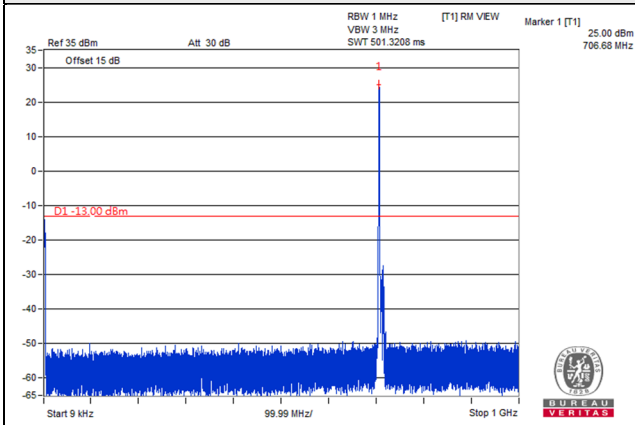


Frequency Range : 1GHz~8GHz

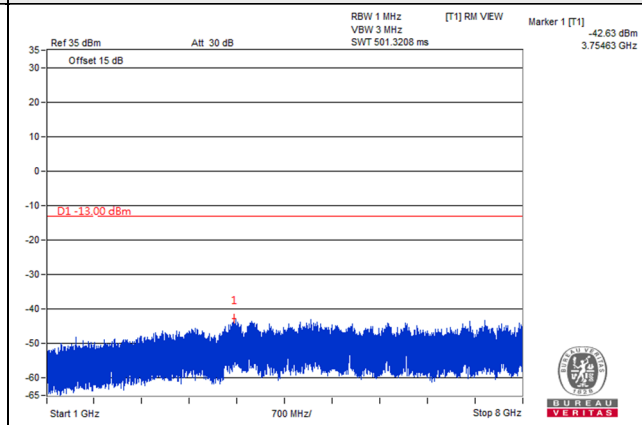


Channel 23130 (711MHz)

Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~8GHz

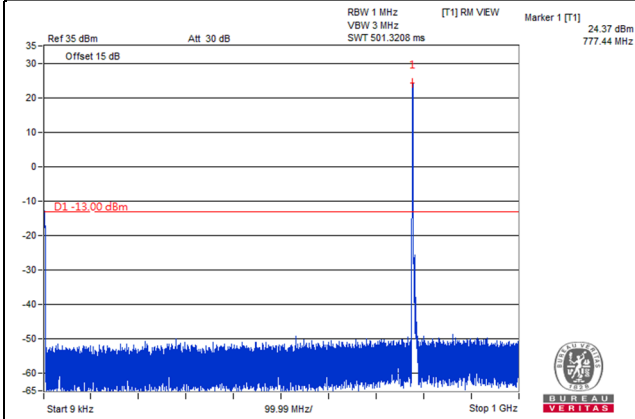


LTE Band 13

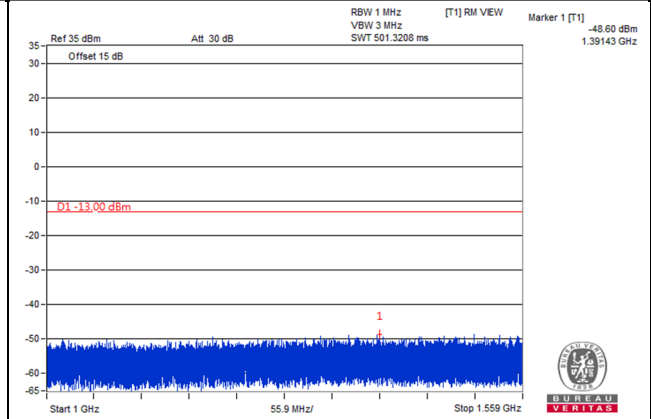
Channel Bandwidth: 5MHz

Channel 23205 (779.5MHz)

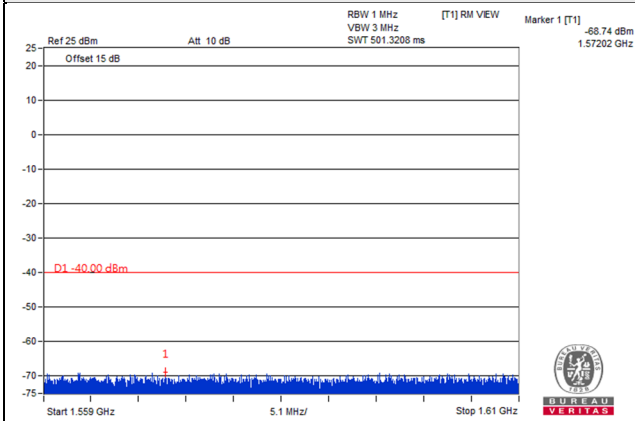
Frequency Range : 9kHz~1GHz



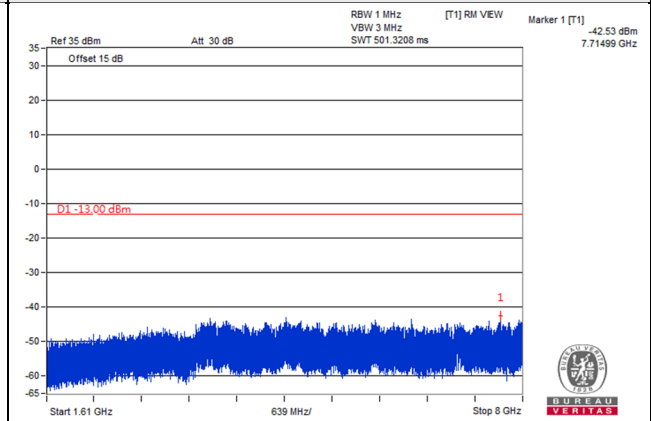
Frequency Range : 1GHz~1.559GHz



Frequency Range : 1.559GHz~1.61GHz



Frequency Range : 1.61GHz~8GHz

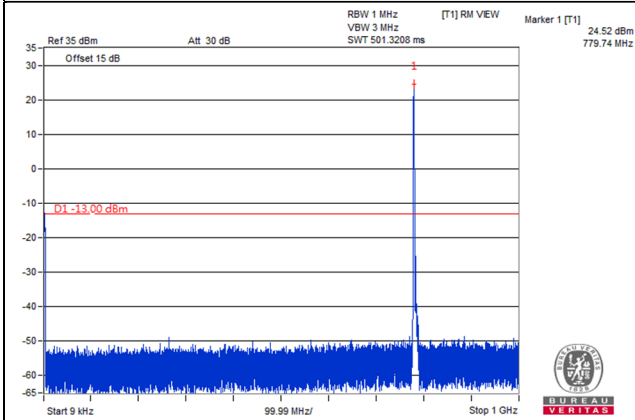


*The 9kHz signal over the limit is from Spectrum.

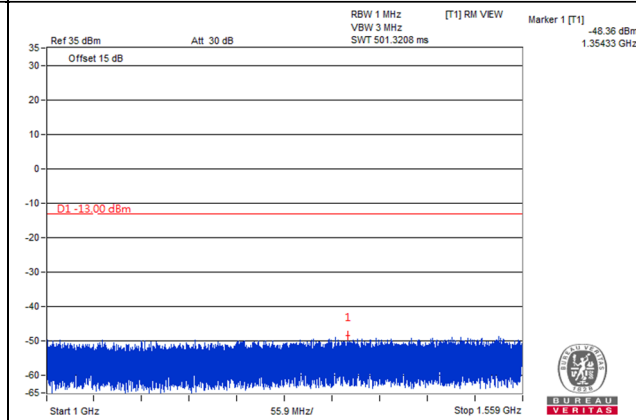
Channel Bandwidth: 5MHz

Channel 23230 (782.0MHz)

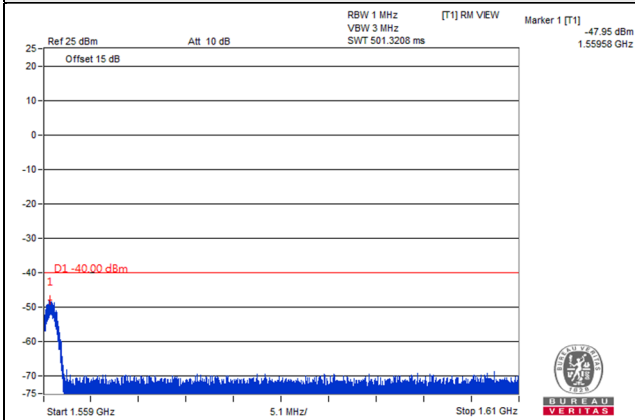
Frequency Range : 9kHz~1GHz



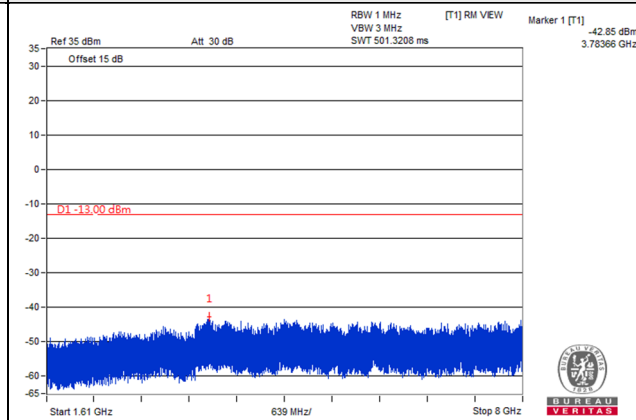
Frequency Range : 1GHz~1.559GHz



Frequency Range : 1.559GHz~1.61GHz



Frequency Range : 1.61GHz~8GHz

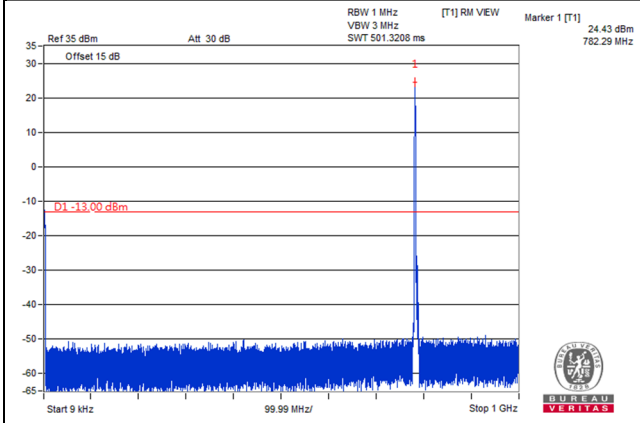


*The 9kHz signal over the limit is from Spectrum.

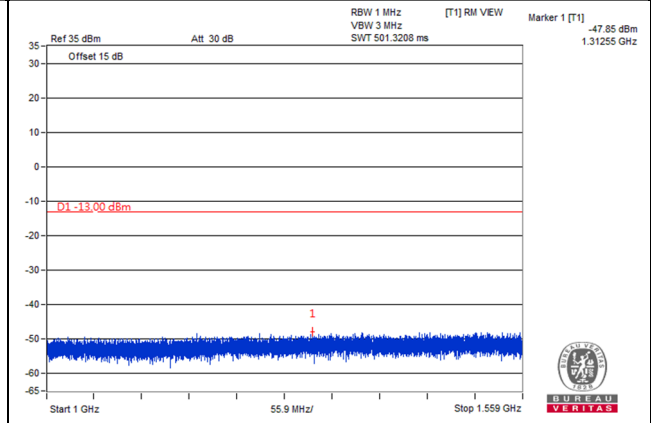
Channel Bandwidth: 5MHz

Channel 23255 (784.5MHz)

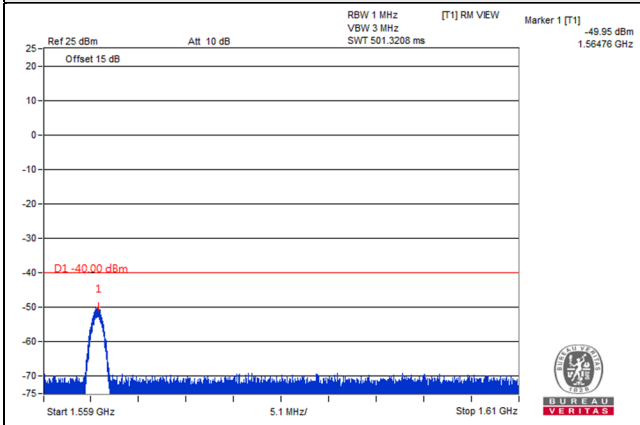
Frequency Range : 9kHz~1GHz



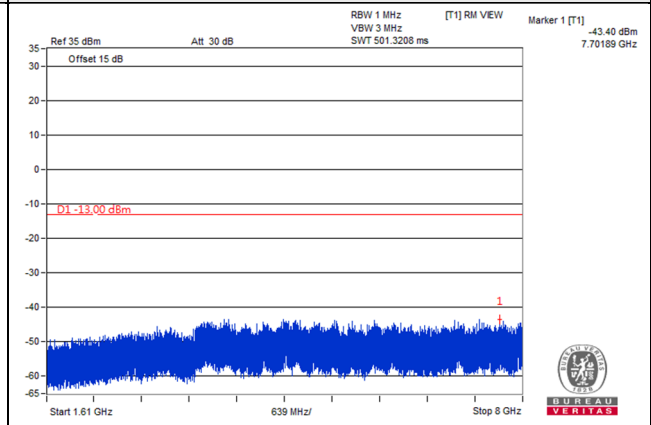
Frequency Range : 1GHz~1.559GHz



Frequency Range : 1.559GHz~1.61GHz



Frequency Range : 1.61GHz~8GHz

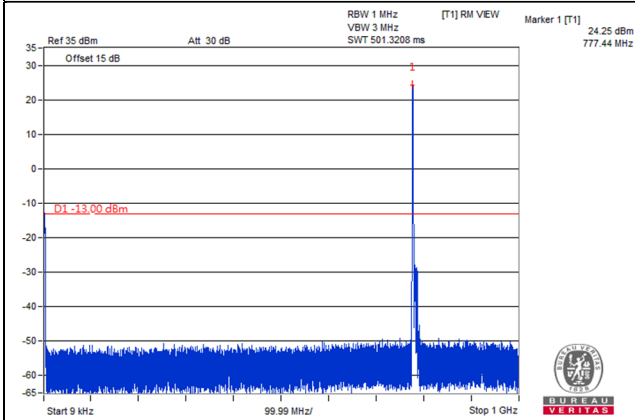


*The 9kHz signal over the limit is from Spectrum.

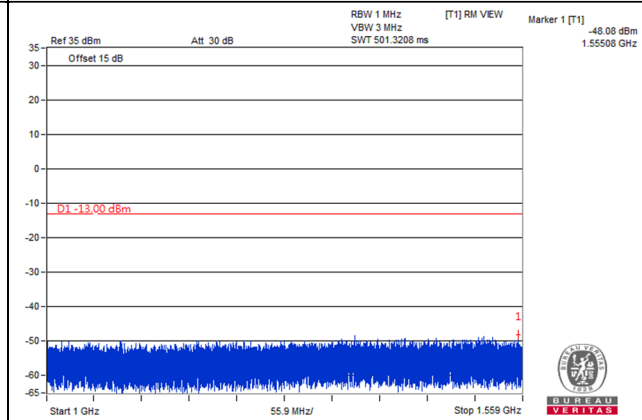
Channel Bandwidth: 10MHz

Channel 23230 (782.0MHz)

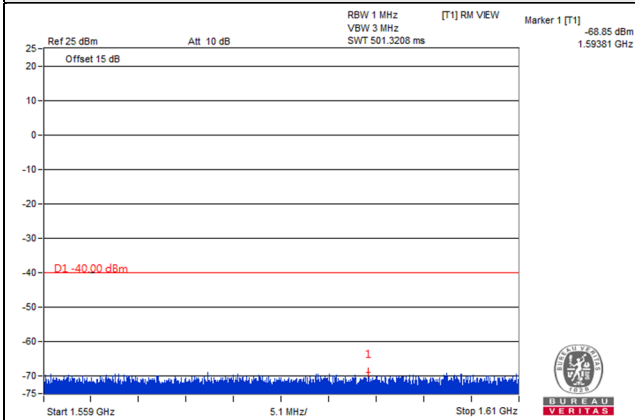
Frequency Range : 9kHz~1GHz



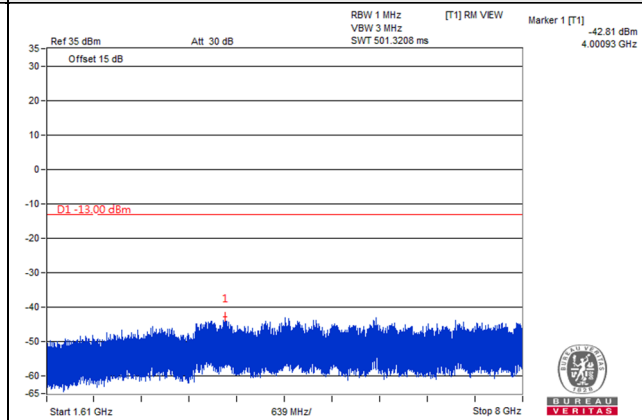
Frequency Range : 1GHz~1.559GHz



Frequency Range : 1.559GHz~1.61GHz



Frequency Range : 1.61GHz~8GHz



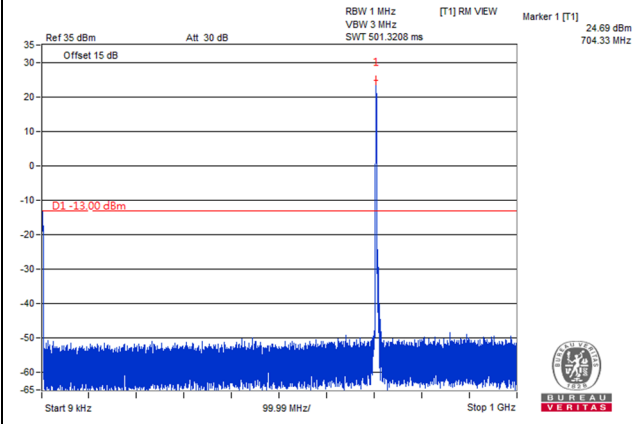
*The 9kHz signal over the limit is from Spectrum.

LTE Band 17

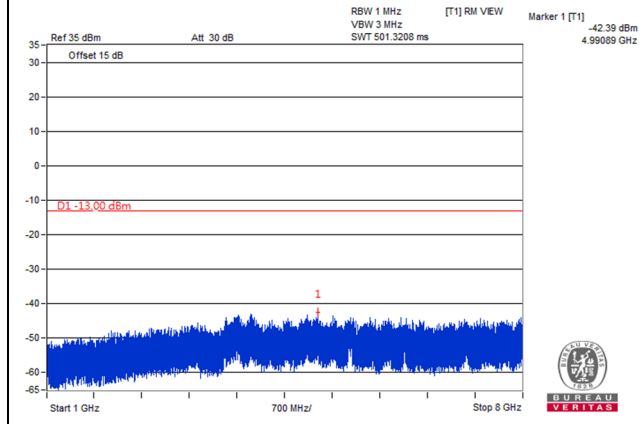
Channel Bandwidth: 5MHz

Channel 23775 (706.5MHz)

Frequency Range : 9kHz~1GHz

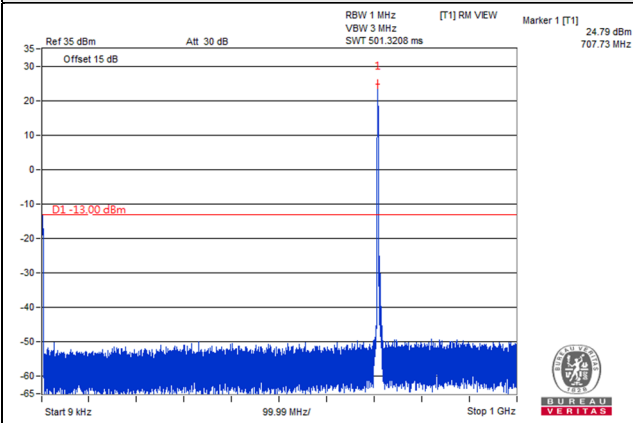


Frequency Range : 1GHz~8GHz

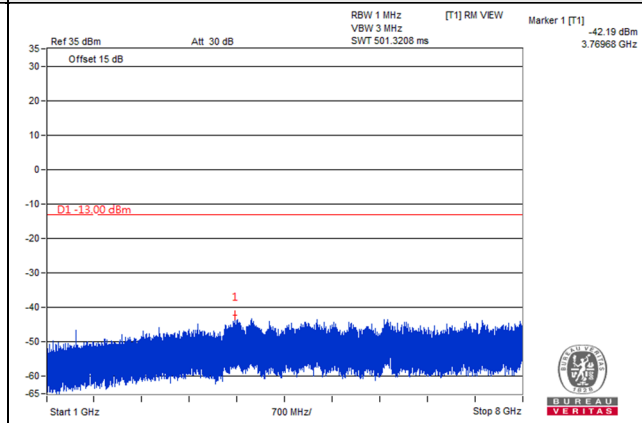


Channel 23790 (710.0MHz)

Frequency Range : 9kHz~1GHz

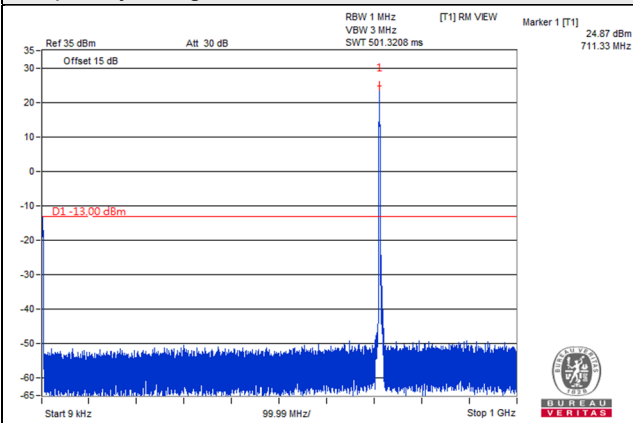


Frequency Range : 1GHz~8GHz

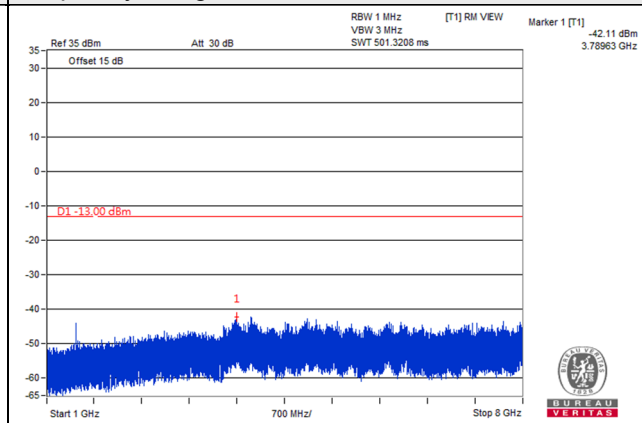


Channel 23825 (713.5MHz)

Frequency Range : 9kHz~1GHz



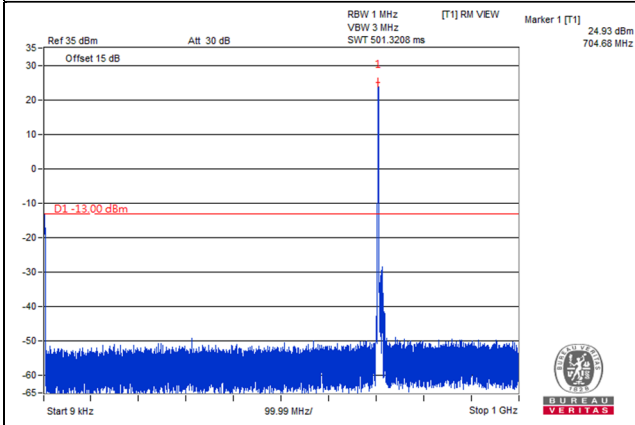
Frequency Range : 1GHz~8GHz



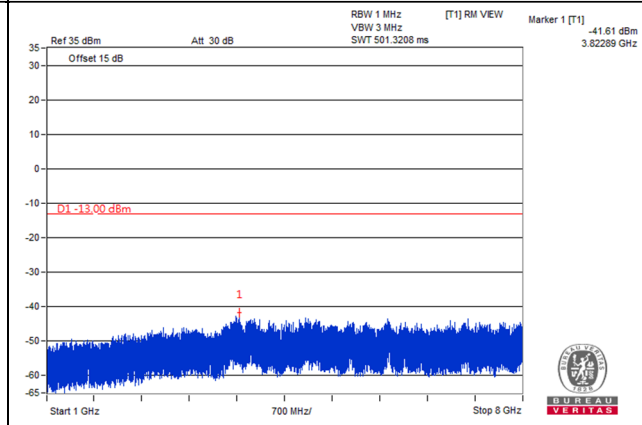
Channel Bandwidth: 10MHz

Channel 23780 (709.0MHz)

Frequency Range : 9kHz~1GHz

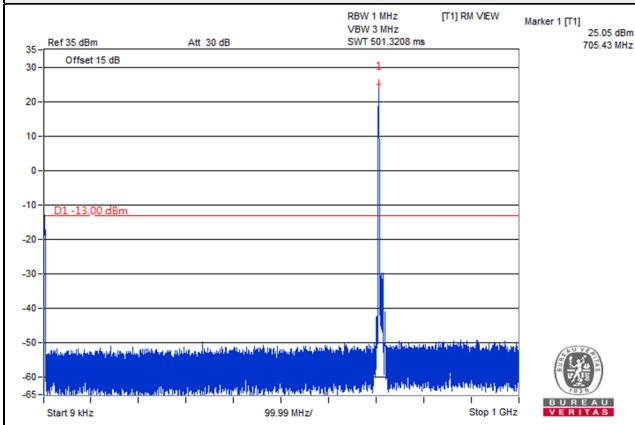


Frequency Range : 1GHz~8GHz

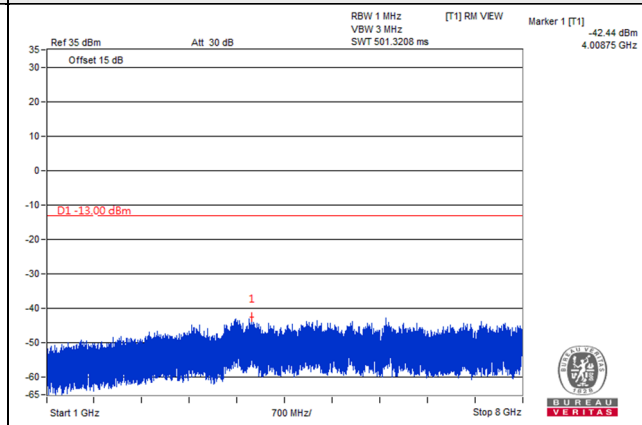


Channel 23790 (710.0MHz)

Frequency Range : 9kHz~1GHz

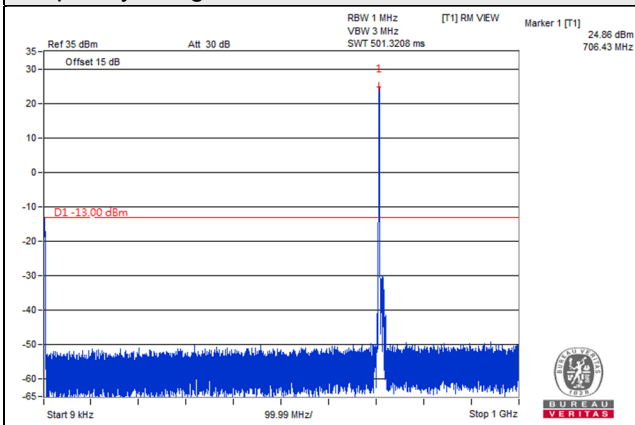


Frequency Range : 1GHz~8GHz

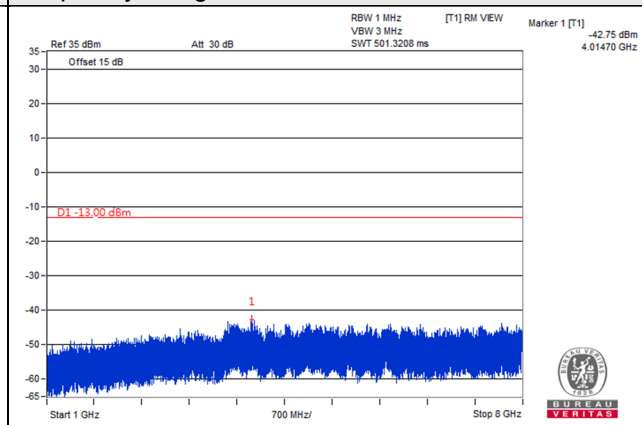


Channel 23800 (711.0MHz)

Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~8GHz



4.8 Radiated Emission Measurement

4.8.1 Limits of Radiated Emission Measurement

For LTE Band 4

According to FCC 27.53(h) for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log (P)$ dB.

For LTE Band 7

In the FCC 27.53(m)(4), 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 $55 + 10 \log (P)$ dB. The emission limit equal to -25dBm .

For LTE Band 12, 17

According to FCC 27.53(g) for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater.

For LTE Band 13

According to FCC 27.53(c)(2) for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB.

According to FCC 27.53(f) for operations in the 775-788 MHz, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz . The limit of emissions is equal to -40 dBm

4.8.2 Test Procedure

- a. The power was measured with R&S Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high channel of operational frequency range.)
- b. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution antenna.

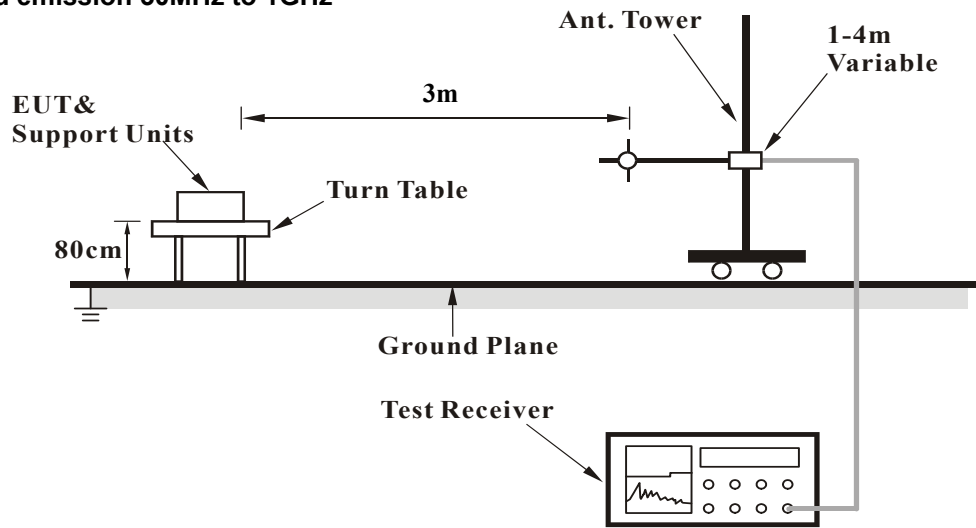
Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.8.3 Deviation from Test Standard

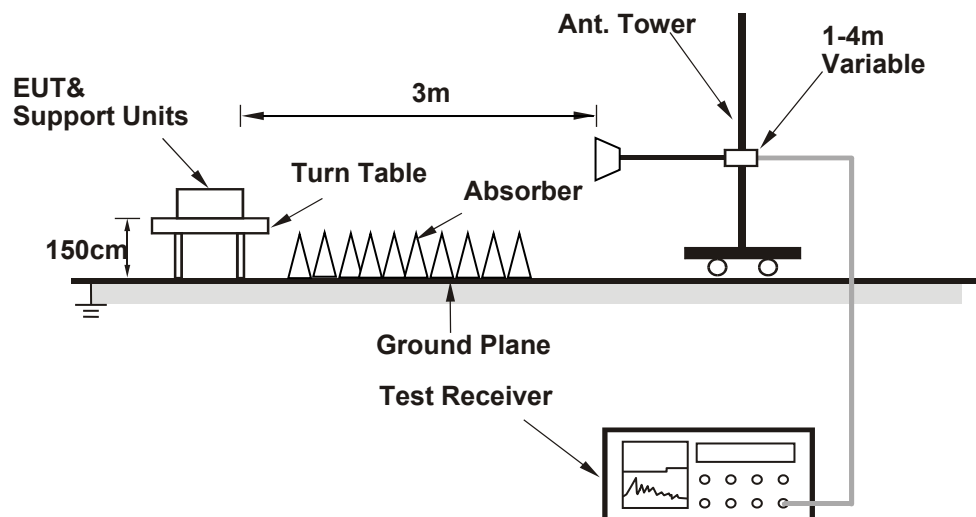
No deviation.

4.8.4 Test Setup

For radiated emission 30MHz to 1GHz



For radiated emission above 1GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.8.5 Test Results

Below 1GHz

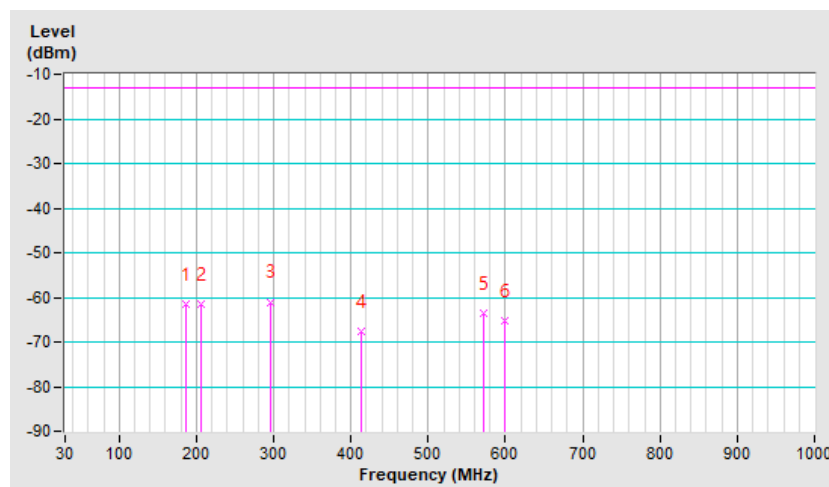
LTE Band 4, Channel Bandwidth: 20MHz

| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 20175 (1732.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 187.14 | -53.3 | -58.8 | -2.7 | -61.5 | -13.0 | -48.5 |
| 2 | 206.54 | -53.3 | -59.5 | -2.0 | -61.5 | -13.0 | -48.5 |
| 3 | 295.78 | -58.1 | -59.2 | -1.8 | -61.0 | -13.0 | -48.0 |
| 4 | 414.12 | -67.4 | -70.9 | 3.4 | -67.5 | -13.0 | -54.5 |
| 5 | 571.26 | -64.5 | -67.3 | 3.7 | -63.6 | -13.0 | -50.6 |
| 6 | 598.42 | -66.7 | -69.1 | 3.9 | -65.2 | -13.0 | -52.2 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

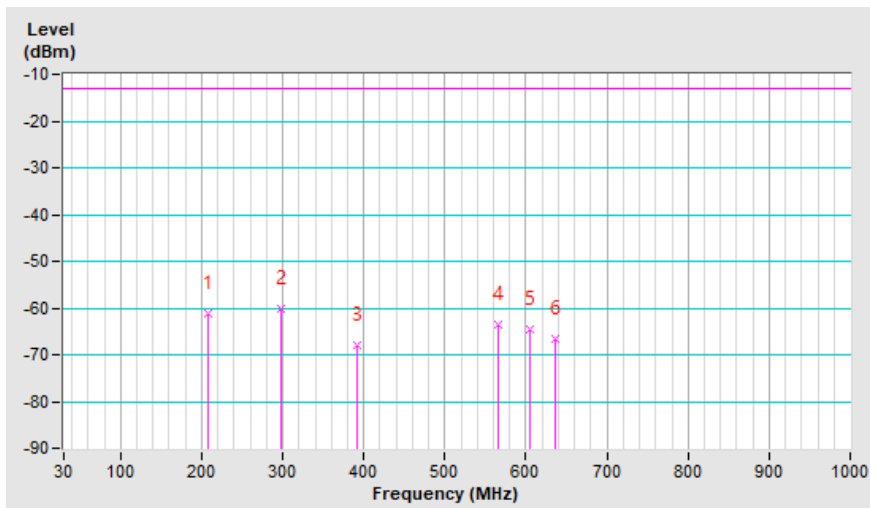


| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 20175 (1732.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 128.94 | -55.2 | -57.4 | -3.2 | -60.6 | -13.0 | -47.6 |
| 2 | 206.54 | -55.9 | -56.4 | -2.0 | -58.4 | -13.0 | -45.4 |
| 3 | 278.32 | -59.2 | -54.3 | -1.6 | -55.9 | -13.0 | -42.9 |
| 4 | 423.82 | -65.0 | -68.7 | 3.4 | -65.3 | -13.0 | -52.3 |
| 5 | 491.72 | -66.5 | -70.3 | 3.7 | -66.6 | -13.0 | -53.6 |
| 6 | 551.86 | -65.2 | -67.4 | 3.8 | -63.6 | -13.0 | -50.6 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.



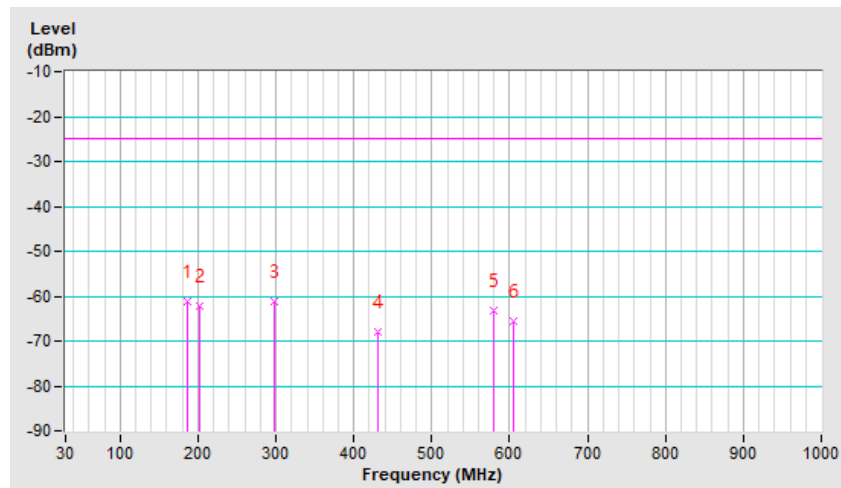
LTE Band 7, Channel Bandwidth: 5MHz

| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 21100 (2535.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 187.14 | -53.1 | -58.6 | -2.7 | -61.3 | -25.0 | -36.3 |
| 2 | 202.66 | -54.3 | -60.2 | -2.1 | -62.3 | -25.0 | -37.3 |
| 3 | 297.72 | -58.4 | -59.4 | -1.7 | -61.1 | -25.0 | -36.1 |
| 4 | 431.58 | -67.6 | -71.5 | 3.5 | -68.0 | -25.0 | -43.0 |
| 5 | 579.02 | -64.1 | -66.8 | 3.7 | -63.1 | -25.0 | -38.1 |
| 6 | 604.24 | -67.2 | -69.2 | 3.6 | -65.6 | -25.0 | -40.6 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

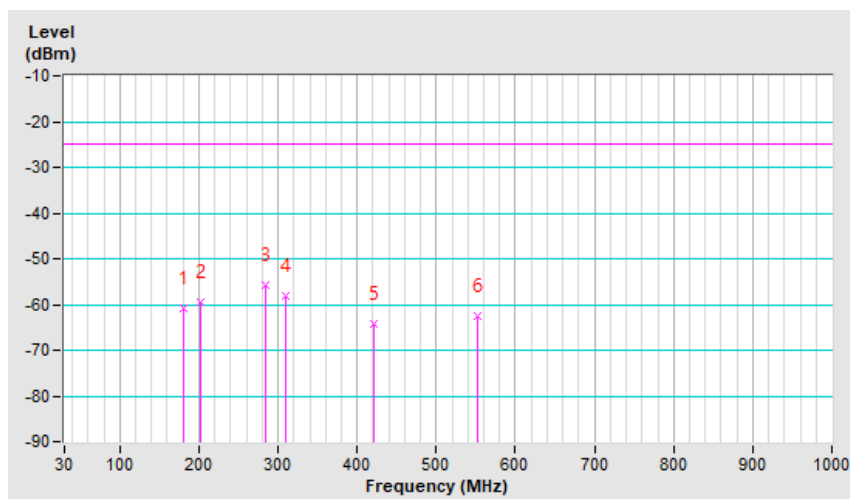


| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 21100 (2535.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 181.32 | -57.5 | -57.9 | -3.0 | -60.9 | -25.0 | -35.9 |
| 2 | 202.66 | -58.0 | -57.4 | -2.1 | -59.5 | -25.0 | -34.5 |
| 3 | 284.14 | -58.3 | -54.2 | -1.6 | -55.8 | -25.0 | -30.8 |
| 4 | 309.36 | -58.0 | -61.9 | 3.9 | -58.0 | -25.0 | -33.0 |
| 5 | 421.88 | -63.9 | -67.7 | 3.4 | -64.3 | -25.0 | -39.3 |
| 6 | 551.86 | -64.2 | -66.4 | 3.8 | -62.6 | -25.0 | -37.6 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

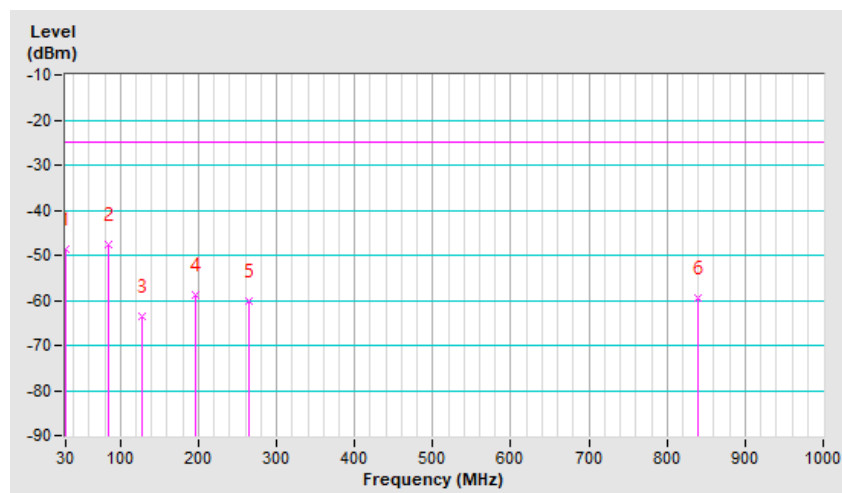


| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 21100 (2535.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 68%RH | Input Power | 120Vac, 60Hz |
| Tested By | Greg Lin | Test Mode | B |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 30.00 | -52.7 | -29.3 | -19.4 | -48.7 | -25.0 | -23.7 |
| 2 | 84.32 | -41.5 | -47.9 | 0.4 | -47.5 | -25.0 | -22.5 |
| 3 | 127.00 | -56.9 | -60.1 | -3.3 | -63.4 | -25.0 | -38.4 |
| 4 | 195.87 | -50.4 | -56.4 | -2.5 | -58.9 | -25.0 | -33.9 |
| 5 | 263.77 | -55.5 | -58.5 | -1.6 | -60.1 | -25.0 | -35.1 |
| 6 | 839.95 | -66.1 | -63.2 | 3.8 | -59.4 | -25.0 | -34.4 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.



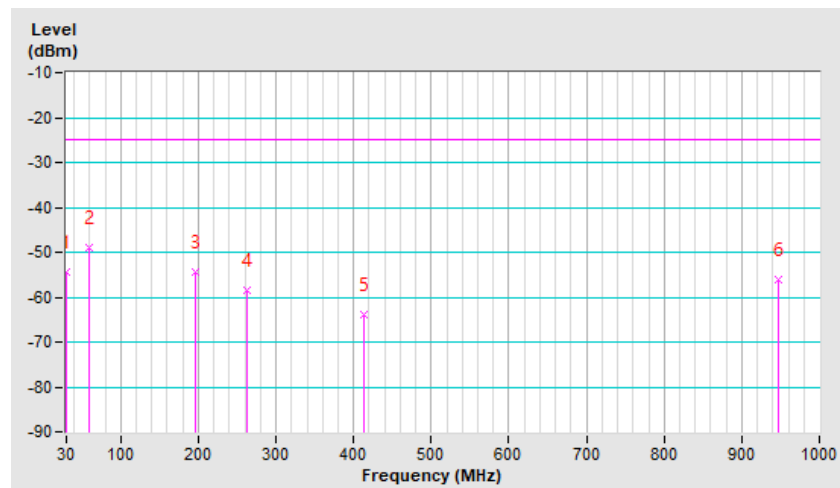
| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 21100 (2535.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 68%RH | Input Power | 120Vac, 60Hz |
| Tested By | Greg Lin | Test Mode | B |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 30.97 | -44.1 | -35.5 | -18.8 | -54.3 | -25.0 | -29.3 |
| 2 | 60.07 | -42.2 | -45.6 | -3.4 | -49.0 | -25.0 | -24.0 |
| 3 | 195.87 | -53.5 | -51.9 | -2.5 | -54.4 | -25.0 | -29.4 |
| 4 | 262.80 | -59.4 | -56.8 | -1.6 | -58.4 | -25.0 | -33.4 |
| 5 | 413.15 | -63.6 | -67.3 | 3.3 | -64.0 | -25.0 | -39.0 |
| 6 | 947.62 | -65.3 | -59.8 | 3.8 | -56.0 | -25.0 | -31.0 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

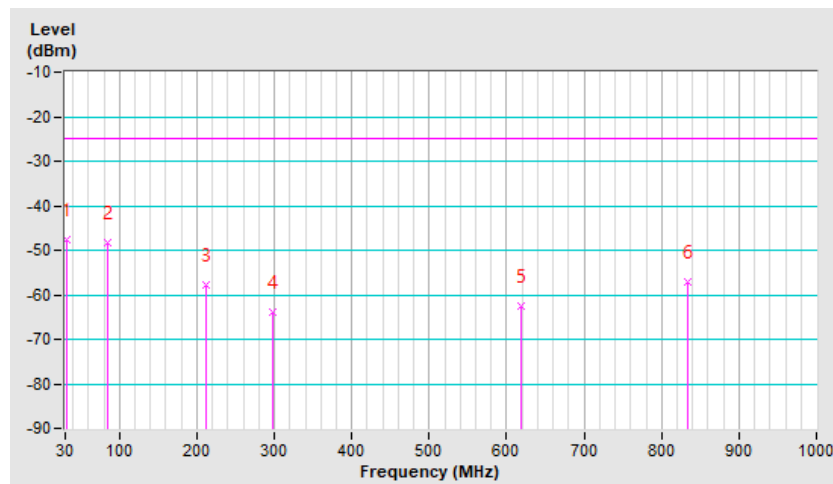


| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 21100 (2535.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 68%RH | Input Power | 120Vac, 60Hz |
| Tested By | Greg Lin | Test Mode | C |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 31.94 | -51.0 | -29.3 | -18.3 | -47.6 | -25.0 | -22.6 |
| 2 | 85.29 | -41.8 | -48.5 | 0.3 | -48.2 | -25.0 | -23.2 |
| 3 | 211.39 | -49.4 | -55.8 | -2.1 | -57.9 | -25.0 | -32.9 |
| 4 | 297.72 | -61.1 | -62.1 | -1.7 | -63.8 | -25.0 | -38.8 |
| 5 | 618.79 | -64.3 | -66.1 | 3.7 | -62.4 | -25.0 | -37.4 |
| 6 | 833.16 | -64.0 | -61.0 | 3.8 | -57.2 | -25.0 | -32.2 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

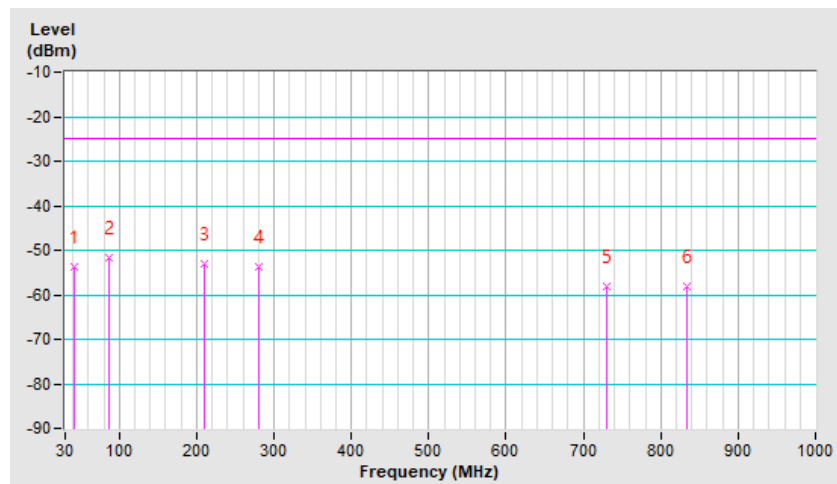


| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 21100 (2535.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 68%RH | Input Power | 120Vac, 60Hz |
| Tested By | Greg Lin | Test Mode | C |

| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 42.61 | -44.9 | -41.8 | -11.8 | -53.6 | -25.0 | -28.6 |
| 2 | 86.26 | -45.7 | -51.7 | 0.1 | -51.6 | -25.0 | -26.6 |
| 3 | 210.42 | -49.9 | -51.2 | -2.0 | -53.2 | -25.0 | -28.2 |
| 4 | 280.26 | -57.0 | -52.2 | -1.6 | -53.8 | -25.0 | -28.8 |
| 5 | 729.37 | -64.4 | -61.6 | 3.6 | -58.0 | -25.0 | -33.0 |
| 6 | 833.16 | -65.2 | -61.8 | 3.8 | -58.0 | -25.0 | -33.0 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.



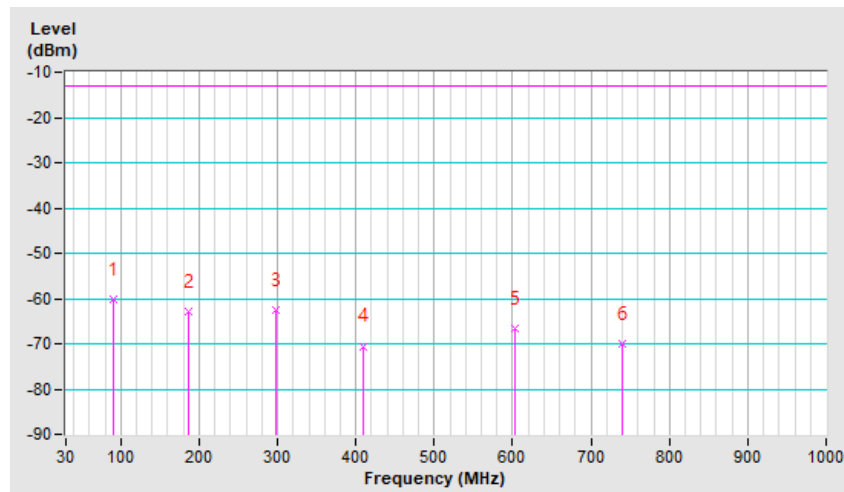
LTE Band 12, Channel Bandwidth: 5MHz

| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 23155 (713.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 90.14 | -50.1 | -60.0 | -0.2 | -60.2 | -13.0 | -47.2 |
| 2 | 187.14 | -52.6 | -60.3 | -2.7 | -63.0 | -13.0 | -50.0 |
| 3 | 297.72 | -57.5 | -60.7 | -1.7 | -62.4 | -13.0 | -49.4 |
| 4 | 410.24 | -68.2 | -73.8 | 3.3 | -70.5 | -13.0 | -57.5 |
| 5 | 602.30 | -66.2 | -70.4 | 3.7 | -66.7 | -13.0 | -53.7 |
| 6 | 740.04 | -72.0 | -73.8 | 3.7 | -70.1 | -13.0 | -57.1 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) + 2.15dB.
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.



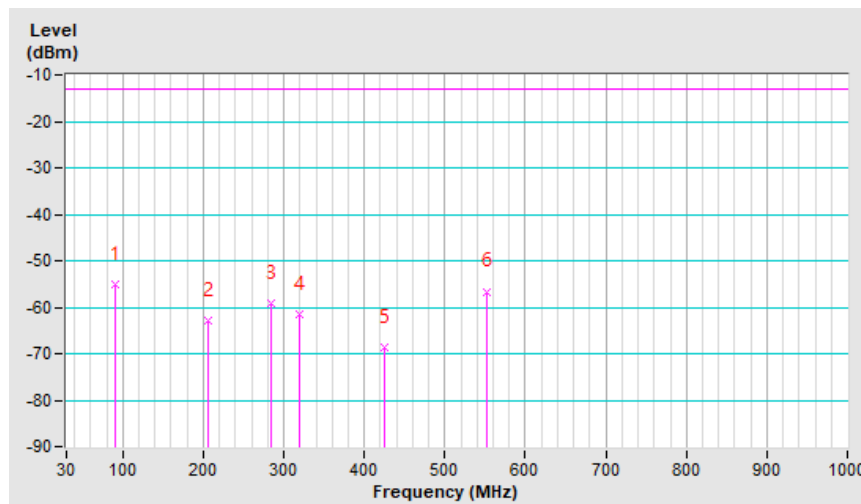
| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 23155 (713.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 90.14 | -46.7 | -54.9 | -0.2 | -55.1 | -13.0 | -42.1 |
| 2 | 206.54 | -58.2 | -60.9 | -2.0 | -62.9 | -13.0 | -49.9 |
| 3 | 284.14 | -59.5 | -57.5 | -1.6 | -59.1 | -13.0 | -46.1 |
| 4 | 319.06 | -59.2 | -65.5 | 4.0 | -61.5 | -13.0 | -48.5 |
| 5 | 425.76 | -66.0 | -72.1 | 3.5 | -68.6 | -13.0 | -55.6 |
| 6 | 551.86 | -56.1 | -60.4 | 3.8 | -56.6 | -13.0 | -43.6 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) + 2.15dB.
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.



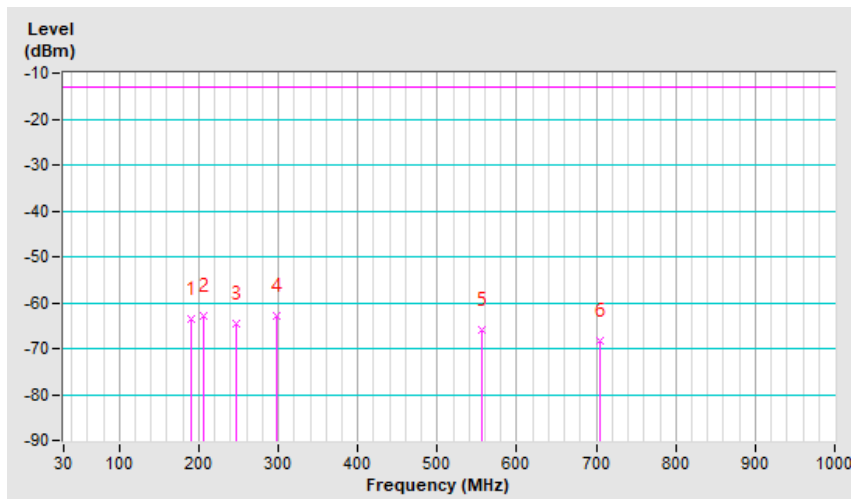
LTE Band 13, Channel Bandwidth: 10MHz

| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 23230 (782.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 191.02 | -53.0 | -60.8 | -2.7 | -63.5 | -13.0 | -50.5 |
| 2 | 206.54 | -52.5 | -60.9 | -2.0 | -62.9 | -13.0 | -49.9 |
| 3 | 247.28 | -55.8 | -63.2 | -1.5 | -64.7 | -13.0 | -51.7 |
| 4 | 297.72 | -58.0 | -61.2 | -1.7 | -62.9 | -13.0 | -49.9 |
| 5 | 555.74 | -64.4 | -69.8 | 3.7 | -66.1 | -13.0 | -53.1 |
| 6 | 705.12 | -69.1 | -71.8 | 3.5 | -68.3 | -13.0 | -55.3 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) + 2.15dB.
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

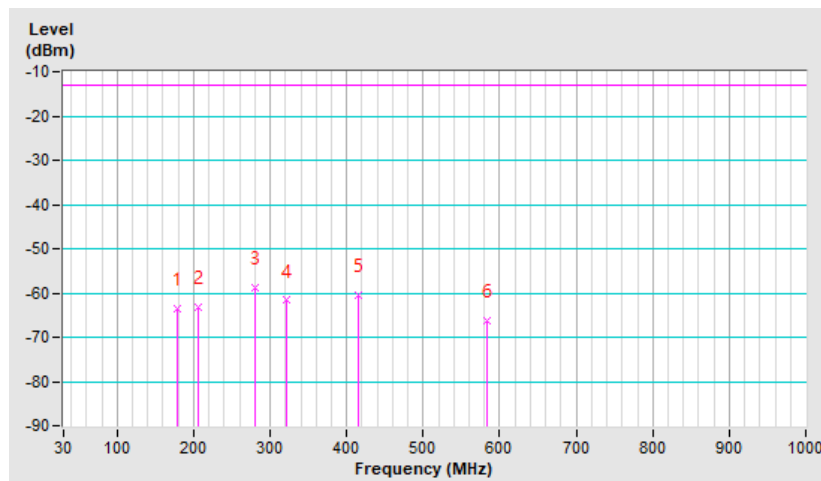


| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 23230 (782.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 179.38 | -57.9 | -60.5 | -2.9 | -63.4 | -13.0 | -50.4 |
| 2 | 206.54 | -58.5 | -61.1 | -2.0 | -63.1 | -13.0 | -50.1 |
| 3 | 280.26 | -59.8 | -57.2 | -1.6 | -58.8 | -13.0 | -45.8 |
| 4 | 321.00 | -59.4 | -65.7 | 4.0 | -61.7 | -13.0 | -48.7 |
| 5 | 416.06 | -57.9 | -63.8 | 3.4 | -60.4 | -13.0 | -47.4 |
| 6 | 582.90 | -66.6 | -70.2 | 3.8 | -66.4 | -13.0 | -53.4 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) + 2.15dB.
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.



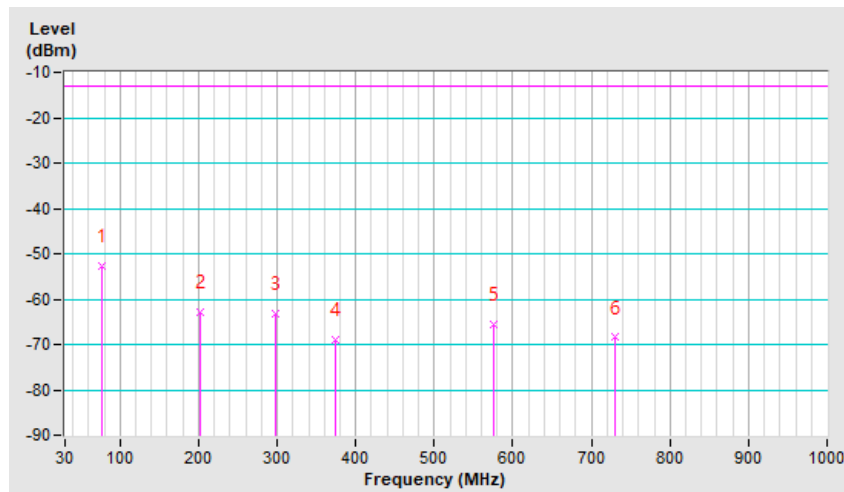
LTE Band 17, Channel Bandwidth: 10MHz

| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 23800 (711.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 76.56 | -44.9 | -52.9 | 0.3 | -52.6 | -13.0 | -39.6 |
| 2 | 202.66 | -52.8 | -60.8 | -2.1 | -62.9 | -13.0 | -49.9 |
| 3 | 297.72 | -58.2 | -61.4 | -1.7 | -63.1 | -13.0 | -50.1 |
| 4 | 373.38 | -64.8 | -72.6 | 3.7 | -68.9 | -13.0 | -55.9 |
| 5 | 575.14 | -64.4 | -69.3 | 3.7 | -65.6 | -13.0 | -52.6 |
| 6 | 730.34 | -70.2 | -72.1 | 3.6 | -68.5 | -13.0 | -55.5 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) + 2.15dB.
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

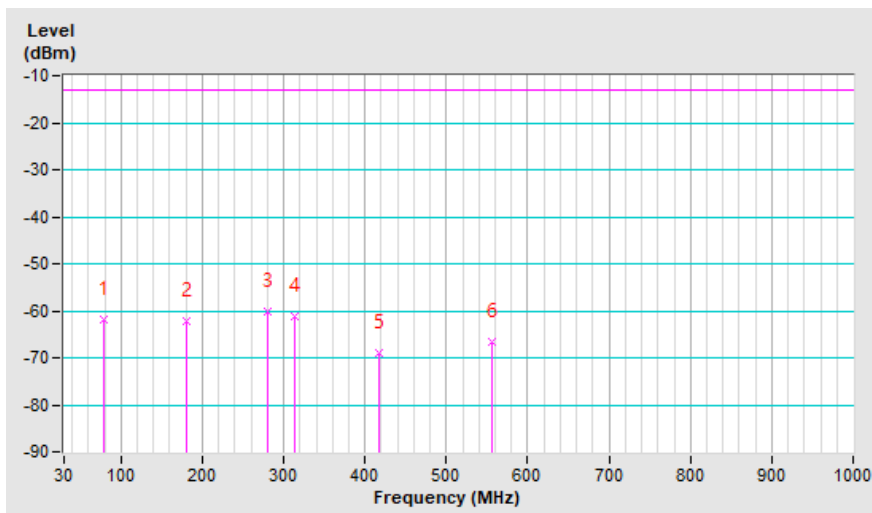


| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 23800 (711.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | Test Mode | A |

| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 78.50 | -54.6 | -62.6 | 0.6 | -62.0 | -13.0 | -49.0 |
| 2 | 181.32 | -56.6 | -59.1 | -3.0 | -62.1 | -13.0 | -49.1 |
| 3 | 280.26 | -61.0 | -58.4 | -1.6 | -60.0 | -13.0 | -47.0 |
| 4 | 313.24 | -59.0 | -65.2 | 4.0 | -61.2 | -13.0 | -48.2 |
| 5 | 418.00 | -66.4 | -72.3 | 3.4 | -68.9 | -13.0 | -55.9 |
| 6 | 555.74 | -66.2 | -70.4 | 3.7 | -66.7 | -13.0 | -53.7 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) + 2.15dB.
3. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.



Above 1GHz

LTE Band 4, Channel Bandwidth: 1.4MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 19957 (1710.7MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3421.40 | -54.2 | -45.6 | 1.3 | -44.3 | -13.0 | -31.3 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3421.40 | -58.4 | -50.3 | 1.3 | -49.0 | -13.0 | -36.0 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20175 (1732.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3465.00 | -54.2 | -45.8 | 1.4 | -44.4 | -13.0 | -31.4 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3465.00 | -58.4 | -50.6 | 1.4 | -49.2 | -13.0 | -36.2 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20393 (1754.3MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 3508.60 | -54.2 | -45.9 | 1.4 | -44.5 | -13.0 | -31.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 3508.60 | -58.4 | -50.7 | 1.4 | -49.3 | -13.0 | -36.3 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 4, Channel Bandwidth: 5MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 19975 (1712.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3425.00 | -54.2 | -45.6 | 1.3 | -44.3 | -13.0 | -31.3 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3425.00 | -58.4 | -50.3 | 1.3 | -49.0 | -13.0 | -36.0 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20175 (1732.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3465.00 | -54.2 | -45.8 | 1.4 | -44.4 | -13.0 | -31.4 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3465.00 | -58.4 | -50.6 | 1.4 | -49.2 | -13.0 | -36.2 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20375 (1752.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 3505.00 | -54.2 | -46.0 | 1.5 | -44.5 | -13.0 | -31.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 3505.00 | -58.4 | -50.8 | 1.5 | -49.3 | -13.0 | -36.3 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 4, Channel Bandwidth: 20MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20050 (1720.0MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3440.00 | -54.2 | -45.7 | 1.3 | -44.4 | -13.0 | -31.4 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3440.00 | -58.4 | -50.4 | 1.3 | -49.1 | -13.0 | -36.1 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20175 (1732.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3465.00 | -53.8 | -45.4 | 1.4 | -44.0 | -13.0 | -31.0 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 3465.00 | -58.4 | -50.6 | 1.4 | -49.2 | -13.0 | -36.2 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20300 (1745.0MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 3490.00 | -54.2 | -46.0 | 1.5 | -44.5 | -13.0 | -31.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 3490.00 | -58.4 | -50.8 | 1.5 | -49.3 | -13.0 | -36.3 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 7, Channel Bandwidth: 5MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20775 (2502.5MHz) | Frequency Range | 1GHz ~ 27GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 5005.00 | -64.2 | -51.9 | 1.4 | -50.5 | -25.0 | -25.5 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 5005.00 | -63.2 | -52.2 | 1.4 | -50.8 | -25.0 | -25.8 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|-------------------------------|-----------------|--------------|
| Mode | TX channel 21100 (2535MHz) | Frequency Range | 1GHz ~ 27GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 5070.00 | -64.1 | -51.6 | 1.4 | -50.2 | -25.0 | -25.2 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 5070.00 | -63.3 | -51.9 | 1.4 | -50.5 | -25.0 | -25.5 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 21425 (2567.5MHz) | Frequency Range | 1GHz ~ 27GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 5135.00 | -64.1 | -51.9 | 1.4 | -50.5 | -25.0 | -25.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 5135.00 | -63.2 | -51.4 | 1.4 | -50.0 | -25.0 | -25.0 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 7, Channel Bandwidth: 20MHz

| | | | |
|--------------------------|-------------------------------|-----------------|--------------|
| Mode | TX channel 20850 (2510MHz) | Frequency Range | 1GHz ~ 27GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 5020.00 | -64.1 | -51.7 | 1.4 | -50.3 | -25.0 | -25.3 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 5020.00 | -63.4 | -52.3 | 1.4 | -50.9 | -25.0 | -25.9 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|-------------------------------|-----------------|--------------|
| Mode | TX channel 21100 (2535MHz) | Frequency Range | 1GHz ~ 27GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 5070.00 | -63.9 | -51.4 | 1.4 | -50.0 | -25.0 | -25.0 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 5070.00 | -63.4 | -52.0 | 1.4 | -50.6 | -25.0 | -25.6 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|-------------------------------|-----------------|--------------|
| Mode | TX channel 21350 (2560MHz) | Frequency Range | 1GHz ~ 27GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 5120.00 | -64.0 | -51.7 | 1.4 | -50.3 | -25.0 | -25.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 5120.00 | -63.6 | -51.8 | 1.4 | -50.4 | -25.0 | -25.4 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 12, Channel Bandwidth: 1.4MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23017 (699.7MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1399.40 | -49.9 | -43.6 | 0.9 | -42.7 | -13.0 | -29.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1399.40 | -46.5 | -41.4 | 0.9 | -40.5 | -13.0 | -27.5 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23095 (707.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1415.00 | -50.2 | -43.7 | 0.9 | -42.8 | -13.0 | -29.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1415.00 | -46.1 | -40.8 | 0.9 | -39.9 | -13.0 | -26.9 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23173 (715.3MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1430.60 | -49.5 | -42.8 | 1.0 | -41.8 | -13.0 | -28.8 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1430.60 | -46.2 | -40.7 | 1.0 | -39.7 | -13.0 | -26.7 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

LTE Band 12, Channel Bandwidth: 5MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23035 (701.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1403.00 | -50.4 | -44.0 | 0.9 | -43.1 | -13.0 | -30.1 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1403.00 | -45.8 | -40.7 | 0.9 | -39.8 | -13.0 | -26.8 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23095 (707.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1415.00 | -49.7 | -43.1 | 0.9 | -42.2 | -13.0 | -29.2 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1415.00 | -46.0 | -40.7 | 0.9 | -39.8 | -13.0 | -26.8 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23155 (713.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1427.00 | -50.1 | -43.5 | 1.0 | -42.5 | -13.0 | -29.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1427.00 | -45.8 | -40.2 | 1.0 | -39.2 | -13.0 | -26.2 |

Remarks:

1. $ERP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$.
2. $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} - \text{Cable Loss (dB)} - 2.15dB$.

LTE Band 12, Channel Bandwidth: 10MHz

| | | | |
|--------------------------|------------------------------|-----------------|--------------|
| Mode | TX channel 23060 (704MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1408.00 | -50.2 | -43.8 | 0.9 | -42.9 | -13.0 | -29.9 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1408.00 | -45.8 | -40.5 | 0.9 | -39.6 | -13.0 | -26.6 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23095 (707.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1415.00 | -50.2 | -43.6 | 0.9 | -42.7 | -13.0 | -29.7 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1415.00 | -46.0 | -40.7 | 0.9 | -39.8 | -13.0 | -26.8 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|------------------------------|-----------------|--------------|
| Mode | TX channel 23130 (711MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1422.00 | -49.5 | -43.0 | 1.0 | -42.0 | -13.0 | -29.0 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1422.00 | -45.8 | -40.3 | 1.0 | -39.3 | -13.0 | -26.3 |

Remarks:

1. $ERP (dBm) = S.G \text{ Value (dBm)} + \text{Correction Factor (dB)}$.
2. $\text{Correction Factor (dB)} = \text{Substitution Antenna Gain (dB)} - \text{Cable Loss (dB)} - 2.15dB$.

LTE Band 13, Channel Bandwidth: 5MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23205 (779.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 1559.00 | -53.6 | -43.7 | 1.3 | -42.4 | -40.0 | -2.4 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 1559.00 | -52.3 | -43.3 | 1.3 | -42.0 | -40.0 | -2.0 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23230 (782.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 1564.00 | -53.4 | -43.4 | 1.2 | -42.2 | -40.0 | -2.2 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| 1 | 1564.00 | -52.4 | -43.3 | 1.2 | -42.1 | -40.0 | -2.1 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23255 (784.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|------------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1569.00 | -53.8 | -43.8 | 1.2 | -42.6 | -40.0 | -2.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1569.00 | -52.2 | -43.1 | 1.2 | -41.9 | -40.0 | -1.9 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 13, Channel Bandwidth: 10MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23230 (782.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|----------------|---------------|-----------------------|------------------------|--------------|--------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1564.00 | -52.6 | -42.6 | 1.2 | -41.4 | -40.0 | -1.4 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1564.00 | -52.6 | -43.5 | 1.2 | -42.3 | -40.0 | -2.3 |

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 17, Channel Bandwidth: 5MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23755 (706.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1413.00 | -50.8 | -44.3 | 0.9 | -43.4 | -13.0 | -30.4 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1413.00 | -47.2 | -41.9 | 0.9 | -41.0 | -13.0 | -28.0 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23790 (710.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

Antenna Polarity & Test Distance: Horizontal at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1420.00 | -50.8 | -44.1 | 0.9 | -43.2 | -13.0 | -30.2 |

Antenna Polarity & Test Distance: Vertical at 3 M

| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
|-----|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| 1 | 1420.00 | -47.1 | -41.7 | 0.9 | -40.8 | -13.0 | -27.8 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23825 (713.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1427.00 | -50.4 | -43.7 | 1.0 | -42.7 | -13.0 | -29.7 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1427.00 | -47.4 | -41.9 | 1.0 | -40.9 | -13.0 | -27.9 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

LTE Band 17, Channel Bandwidth: 10MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23780 (709.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1418.00 | -50.0 | -43.4 | 0.9 | -42.5 | -13.0 | -29.5 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1418.00 | -47.1 | -41.7 | 0.9 | -40.8 | -13.0 | -27.8 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23790 (710.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1420.00 | -50.1 | -43.5 | 0.9 | -42.6 | -13.0 | -29.6 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1420.00 | -47.1 | -41.7 | 0.9 | -40.8 | -13.0 | -27.8 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23800 (711.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Han Wu | | |

| Antenna Polarity & Test Distance: Horizontal at 3 M | | | | | | | |
|---|-------------|---------------|-----------------------|------------------------|-----------|-------------|-------------|
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1422.00 | -49.8 | -43.3 | 1.0 | -42.3 | -13.0 | -29.3 |
| Antenna Polarity & Test Distance: Vertical at 3 M | | | | | | | |
| No. | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) |
| 1 | 1422.00 | -47.0 | -41.5 | 1.0 | -40.5 | -13.0 | -27.5 |

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB) - 2.15dB.

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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