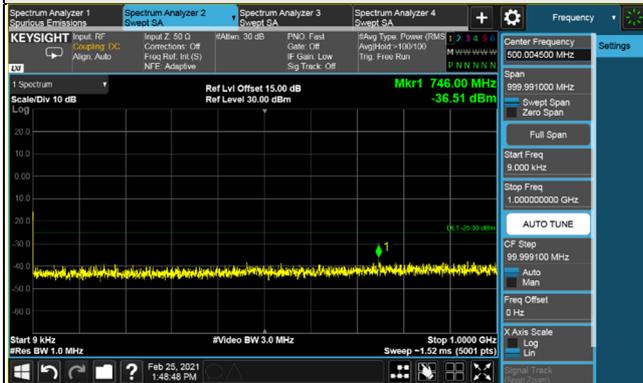


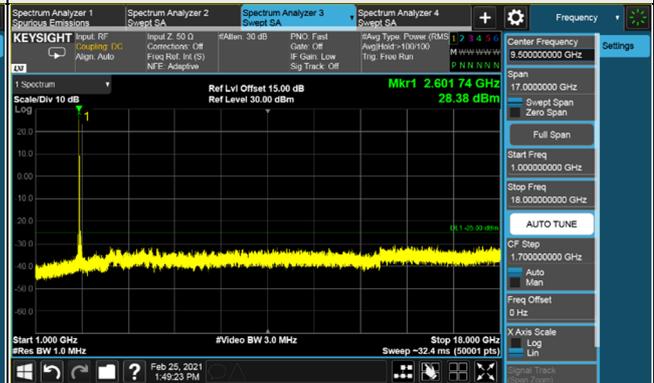
n41, Channel Bandwidth 90MHz

Channel 528996 (2644.98MHz)

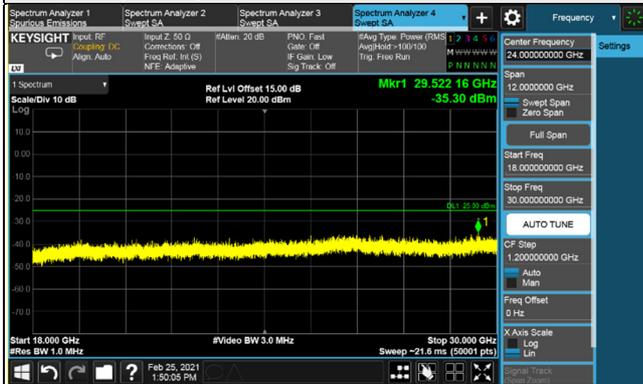
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 18GHz



Frequency Range : 18GHz ~ 30GHz

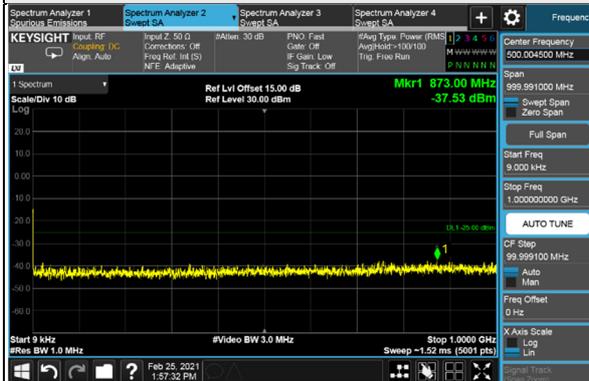


*The 9kHz signal over the limit is from Spectrum.

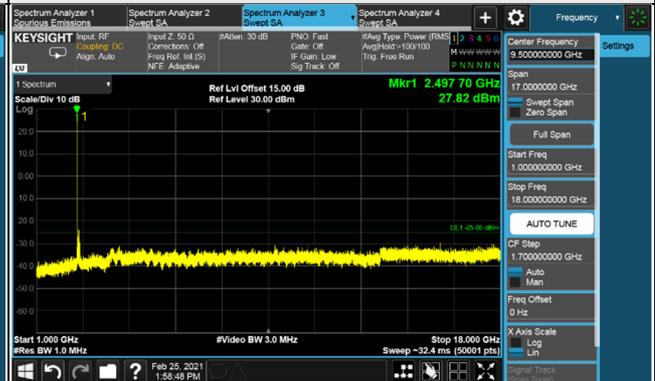
n41, Channel Bandwidth 100MHz

Channel 509202 (2546.01MHz)

Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 18GHz



Frequency Range : 18GHz ~ 30GHz

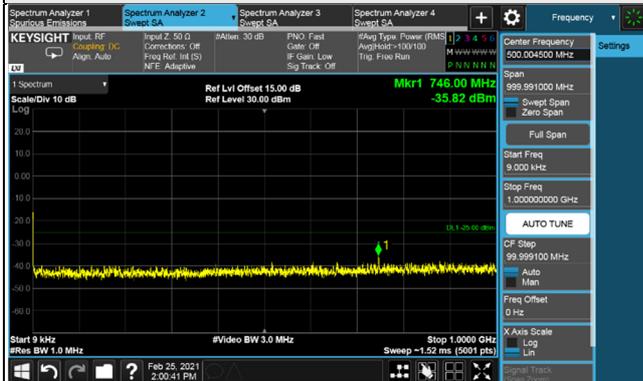


*The 9kHz signal over the limit is from Spectrum.

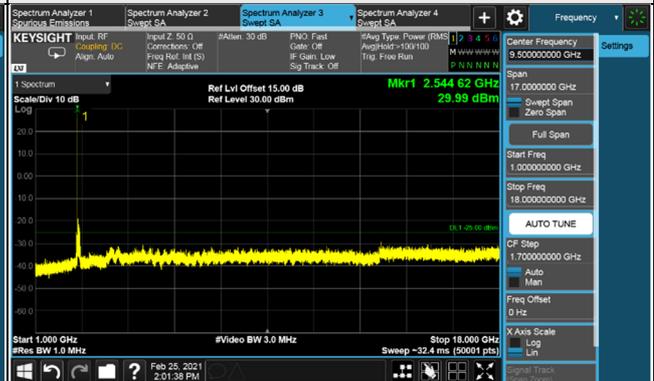
n41, Channel Bandwidth 100MHz

Channel 518598 (2592.99MHz)

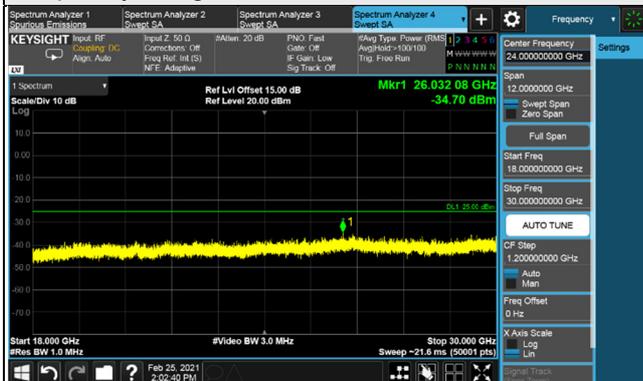
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 18GHz



Frequency Range : 18GHz ~ 30GHz

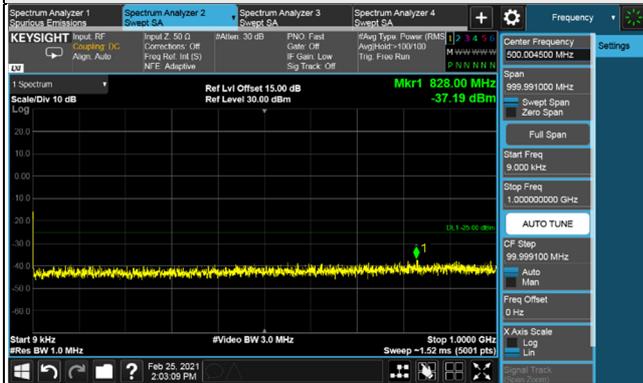


*The 9kHz signal over the limit is from Spectrum.

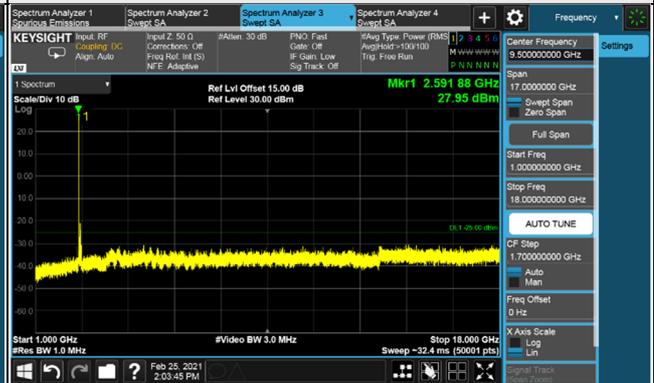
n41, Channel Bandwidth 100MHz

Channel 528000 (2640.00MHz)

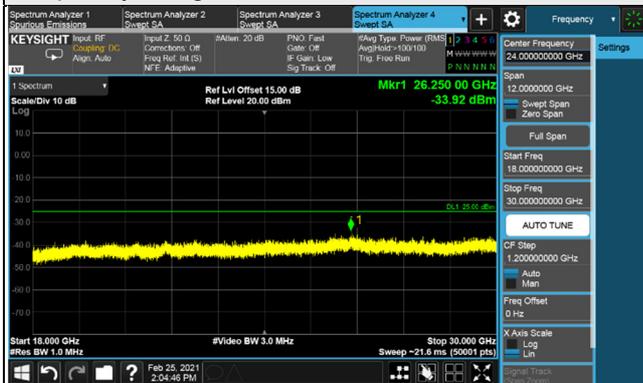
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 18GHz



Frequency Range : 18GHz ~ 30GHz



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

4.8 Radiated Emission Measurement

4.8.1 Limits of Radiated Emission Measurement

For n41:

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 2, LTE Band 25, LTE Band 26 (For FCC Part 22):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm .

For LTE Band 4, LTE Band 66:

According to FCC 27.53(h) for operations in the 1695-1710MHz, 1710-1755MHz, 1755-1780 MHz, 1915-1920MHz, 1995-2000 MHz, 2000-2020MHz, 2110-2155MHz, 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 12:

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 26 (For FCC Part 90):

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm .

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics 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. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) 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.
- b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- d. Following C63.26 section 5.5 and 5.2.7
 - $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
 - $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

Note:

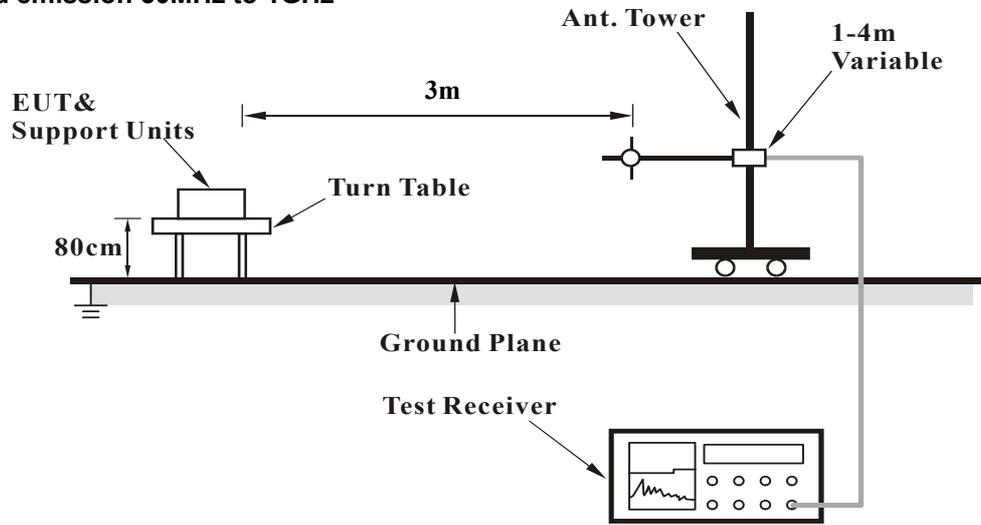
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.
2. The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz:
The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

4.8.3 Deviation from Test Standard

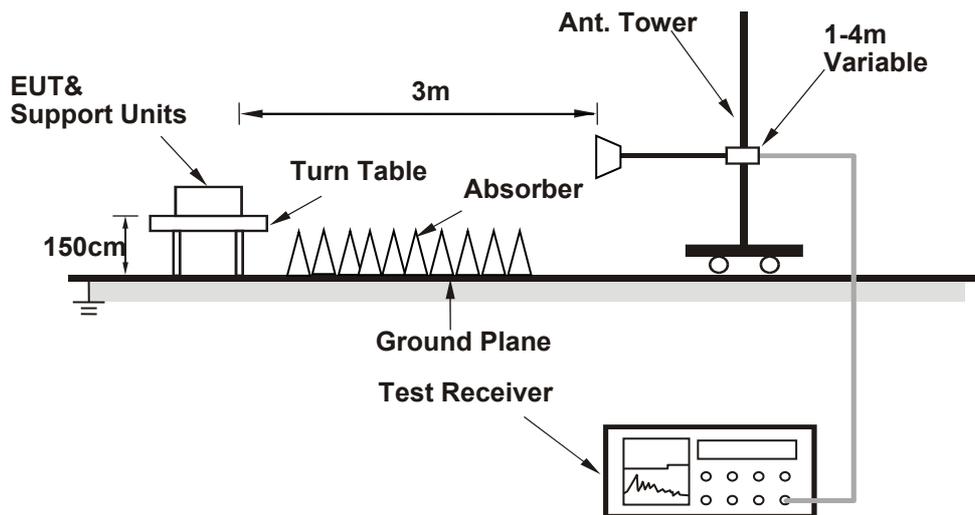
No deviation.

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

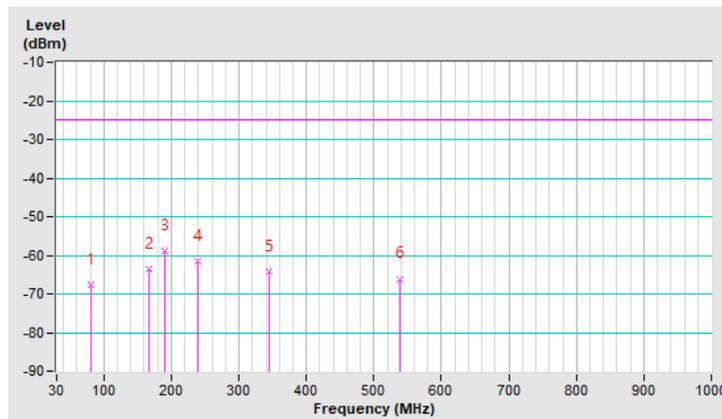
n41, Channel Bandwidth 50MHz

| | | | |
|--------------------------|-----------------------------------|-----------------|----------------|
| Mode | TX channel 504204 (2521.02MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 81.41 | -67.60 | -25.00 | -42.60 | 1.50 H | 128 | 51.60 | -119.20 |
| 2 | 166.77 | -63.40 | -25.00 | -38.40 | 2.00 H | 102 | 50.20 | -113.60 |
| 3 | 191.02 | -58.90 | -25.00 | -33.90 | 1.00 H | 54 | 57.50 | -116.40 |
| 4 | 239.52 | -61.50 | -25.00 | -36.50 | 1.00 H | 73 | 53.60 | -115.10 |
| 5 | 344.28 | -64.30 | -25.00 | -39.30 | 2.00 H | 171 | 47.60 | -111.90 |
| 6 | 538.28 | -66.10 | -25.00 | -41.10 | 1.00 H | 201 | 41.50 | -107.60 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

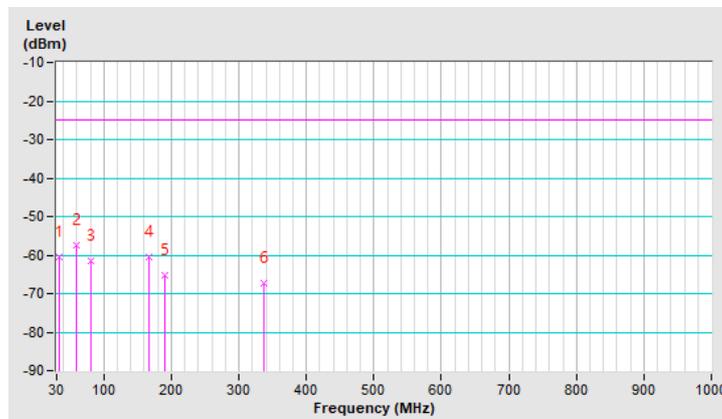


| | | | |
|--------------------------|-----------------------------------|-----------------|----------------|
| Mode | TX channel 504204 (2521.02MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 33.88 | -60.60 | -25.00 | -35.60 | 1.50 V | 278 | 54.20 | -114.80 |
| 2 | 59.10 | -57.50 | -25.00 | -32.50 | 1.00 V | 143 | 56.90 | -114.40 |
| 3 | 80.44 | -61.40 | -25.00 | -36.40 | 1.00 V | 252 | 57.60 | -119.00 |
| 4 | 167.74 | -60.40 | -25.00 | -35.40 | 1.50 V | 140 | 53.30 | -113.70 |
| 5 | 191.02 | -65.30 | -25.00 | -40.30 | 1.00 V | 187 | 51.10 | -116.40 |
| 6 | 336.52 | -67.20 | -25.00 | -42.20 | 1.50 V | 165 | 44.70 | -111.90 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



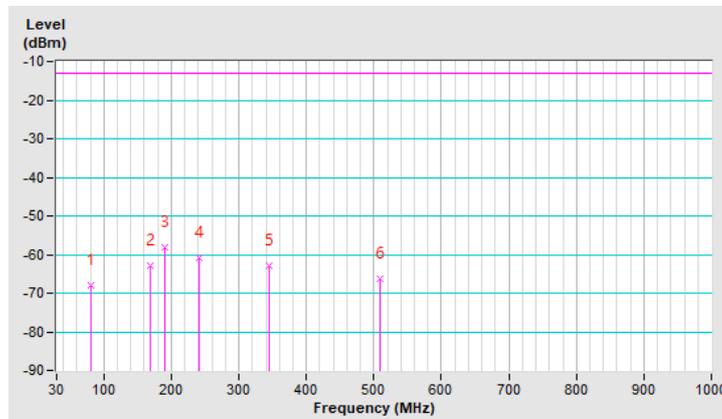
LTE Band 2, Channel Bandwidth 5MHz

| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 19175 (1907.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 81.41 | -67.89 | -13.00 | -54.89 | 1.50 H | 187 | 51.27 | -119.16 |
| 2 | 168.71 | -62.86 | -13.00 | -49.86 | 1.00 H | 85 | 50.87 | -113.73 |
| 3 | 191.02 | -58.03 | -13.00 | -45.03 | 1.00 H | 70 | 58.30 | -116.33 |
| 4 | 240.49 | -60.79 | -13.00 | -47.79 | 1.50 H | 63 | 54.23 | -115.02 |
| 5 | 344.28 | -62.83 | -13.00 | -49.83 | 1.00 H | 2 | 49.01 | -111.84 |
| 6 | 508.21 | -66.19 | -13.00 | -53.19 | 2.00 H | 216 | 41.73 | -107.92 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

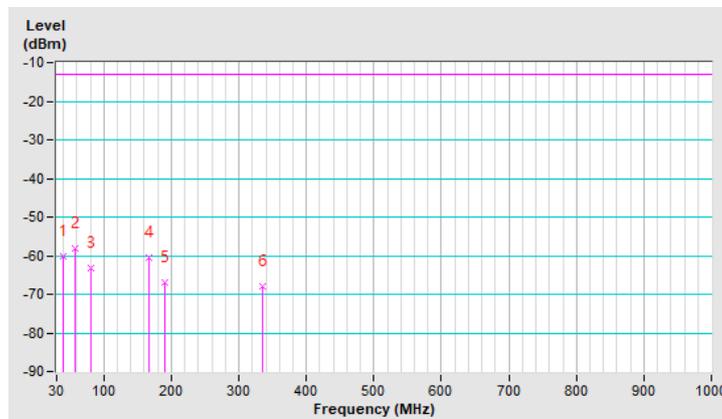


| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 19175 (1907.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 39.70 | -60.12 | -13.00 | -47.12 | 1.50 V | 193 | 54.21 | -114.33 |
| 2 | 58.13 | -58.00 | -13.00 | -45.00 | 1.50 V | 2 | 56.38 | -114.38 |
| 3 | 80.44 | -63.32 | -13.00 | -50.32 | 1.00 V | 273 | 55.61 | -118.93 |
| 4 | 166.77 | -60.51 | -13.00 | -47.51 | 2.00 V | 314 | 53.06 | -113.57 |
| 5 | 190.05 | -66.83 | -13.00 | -53.83 | 1.00 V | 154 | 49.40 | -116.23 |
| 6 | 334.58 | -68.02 | -13.00 | -55.02 | 1.00 V | 185 | 43.86 | -111.88 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.



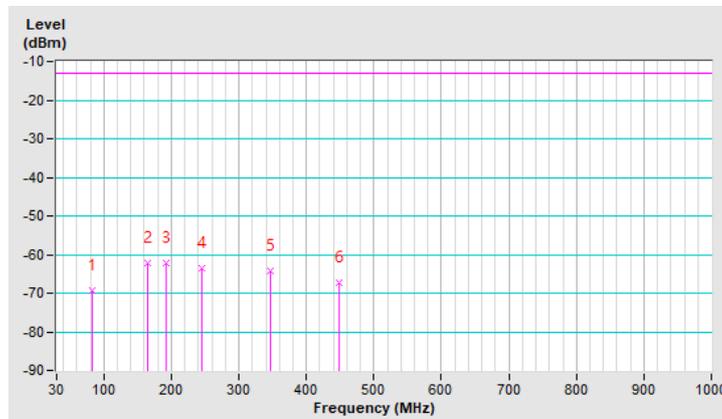
LTE Band 4, Channel Bandwidth 20MHz

| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 20300 (1745.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 82.38 | -69.33 | -13.00 | -56.33 | 1.50 H | 184 | 49.96 | -119.29 |
| 2 | 164.83 | -62.20 | -13.00 | -49.20 | 1.50 H | 101 | 51.37 | -113.57 |
| 3 | 191.99 | -62.07 | -13.00 | -49.07 | 1.00 H | 349 | 54.50 | -116.57 |
| 4 | 244.37 | -63.52 | -13.00 | -50.52 | 1.00 H | 53 | 51.37 | -114.89 |
| 5 | 346.22 | -64.37 | -13.00 | -51.37 | 1.50 H | 178 | 47.47 | -111.84 |
| 6 | 449.04 | -67.43 | -13.00 | -54.43 | 1.00 H | 192 | 41.41 | -108.84 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

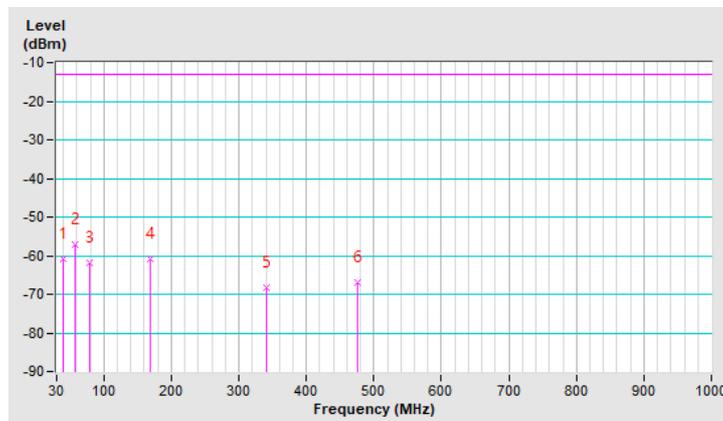


| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 20300 (1745.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 39.70 | -60.70 | -13.00 | -47.70 | 1.00 V | 226 | 53.63 | -114.33 |
| 2 | 58.13 | -57.14 | -13.00 | -44.14 | 1.50 V | 291 | 57.24 | -114.38 |
| 3 | 79.47 | -61.99 | -13.00 | -48.99 | 1.00 V | 260 | 56.66 | -118.65 |
| 4 | 168.71 | -60.75 | -13.00 | -47.75 | 1.00 V | 256 | 52.98 | -113.73 |
| 5 | 340.40 | -68.22 | -13.00 | -55.22 | 2.00 V | 270 | 43.59 | -111.81 |
| 6 | 476.20 | -66.93 | -13.00 | -53.93 | 1.50 V | 295 | 41.50 | -108.43 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



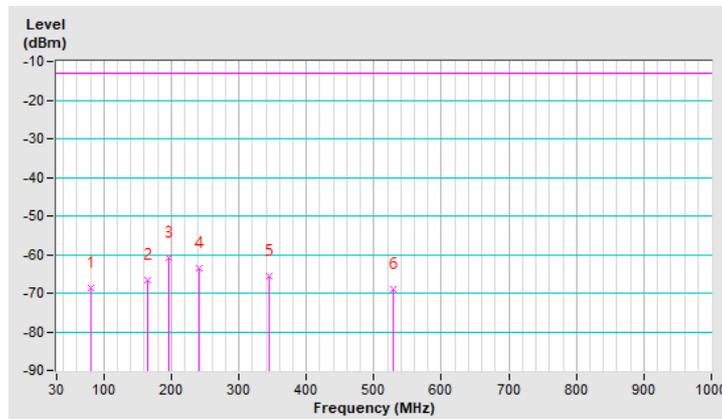
LTE Band 12, Channel Bandwidth 10MHz

| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 23095 (707.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 81.41 | -68.49 | -13.00 | -55.49 | 1.50 H | 147 | 52.82 | -121.31 |
| 2 | 164.83 | -66.53 | -13.00 | -53.53 | 1.00 H | 104 | 49.19 | -115.72 |
| 3 | 195.87 | -60.82 | -13.00 | -47.82 | 1.00 H | 32 | 58.26 | -119.08 |
| 4 | 241.46 | -63.65 | -13.00 | -50.65 | 1.00 H | 44 | 53.49 | -117.14 |
| 5 | 344.28 | -65.67 | -13.00 | -52.67 | 1.50 H | 182 | 48.32 | -113.99 |
| 6 | 529.55 | -68.86 | -13.00 | -55.86 | 1.00 H | 2 | 40.82 | -109.68 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

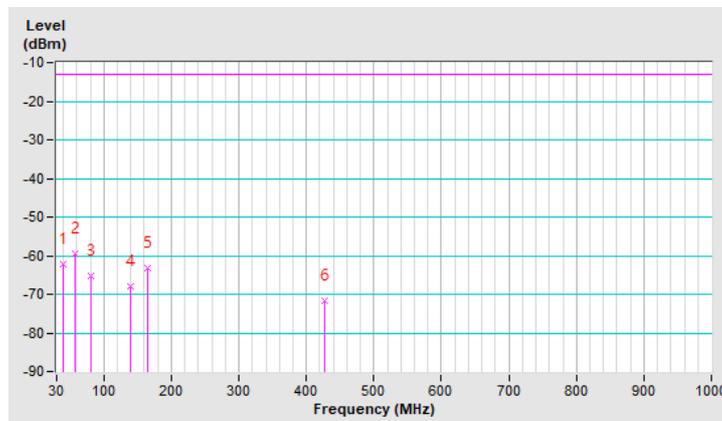


| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 23095 (707.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 39.70 | -62.31 | -13.00 | -49.31 | 2.00 V | 200 | 54.17 | -116.48 |
| 2 | 58.13 | -59.52 | -13.00 | -46.52 | 1.00 V | 10 | 57.01 | -116.53 |
| 3 | 80.44 | -65.37 | -13.00 | -52.37 | 1.00 V | 216 | 55.71 | -121.08 |
| 4 | 139.61 | -67.80 | -13.00 | -54.80 | 1.50 V | 212 | 48.27 | -116.07 |
| 5 | 165.80 | -63.23 | -13.00 | -50.23 | 2.00 V | 301 | 52.52 | -115.75 |
| 6 | 426.73 | -71.70 | -13.00 | -58.70 | 1.00 V | 102 | 40.14 | -111.84 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.



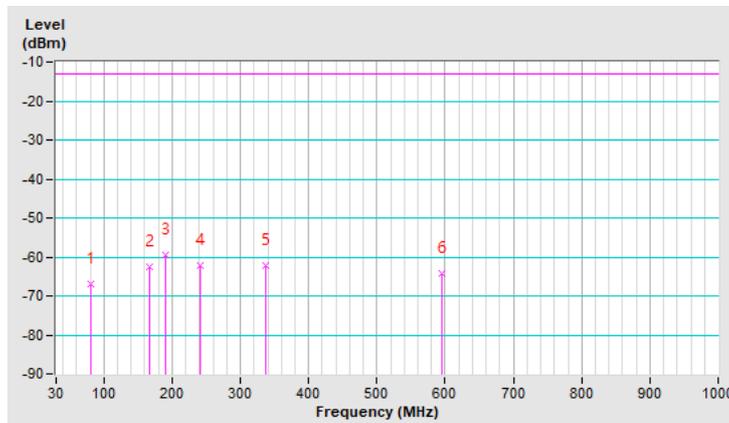
LTE Band 25, Channel Bandwidth 5MHz

| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 26665 (1912.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 80.44 | -66.95 | -13.00 | -53.95 | 1.00 H | 138 | 51.98 | -118.93 |
| 2 | 166.77 | -62.44 | -13.00 | -49.44 | 2.00 H | 80 | 51.13 | -113.57 |
| 3 | 191.02 | -59.35 | -13.00 | -46.35 | 1.00 H | 204 | 56.98 | -116.33 |
| 4 | 241.46 | -62.04 | -13.00 | -49.04 | 1.50 H | 46 | 52.95 | -114.99 |
| 5 | 337.49 | -62.06 | -13.00 | -49.06 | 1.50 H | 171 | 49.78 | -111.84 |
| 6 | 595.51 | -64.07 | -13.00 | -51.07 | 1.00 H | 172 | 41.62 | -105.69 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

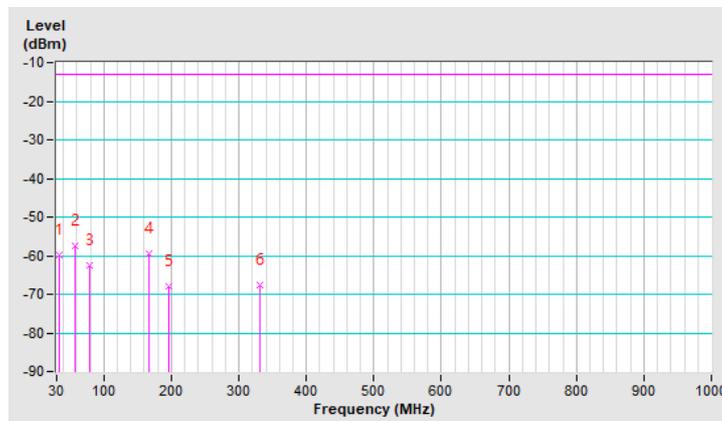


| | | | |
|--------------------------|---------------------------------|-----------------|----------------|
| Mode | TX channel 26665 (1912.5MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 33.88 | -59.76 | -13.00 | -46.76 | 1.00 V | 13 | 54.96 | -114.72 |
| 2 | 58.13 | -57.37 | -13.00 | -44.37 | 1.00 V | 15 | 57.01 | -114.38 |
| 3 | 79.47 | -62.66 | -13.00 | -49.66 | 2.00 V | 272 | 55.99 | -118.65 |
| 4 | 166.77 | -59.50 | -13.00 | -46.50 | 1.50 V | 330 | 54.07 | -113.57 |
| 5 | 195.87 | -67.87 | -13.00 | -54.87 | 1.00 V | 168 | 49.06 | -116.93 |
| 6 | 330.70 | -67.53 | -13.00 | -54.53 | 1.00 V | 141 | 44.41 | -111.94 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



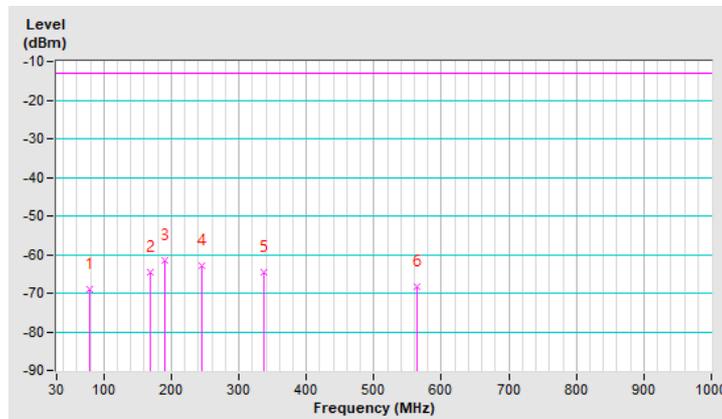
LTE Band 26 (For FCC Part 22), Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 27033 (848.3MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 79.47 | -68.86 | -13.00 | -55.86 | 1.00 H | 163 | 51.94 | -120.80 |
| 2 | 169.68 | -64.71 | -13.00 | -51.71 | 2.00 H | 88 | 51.23 | -115.94 |
| 3 | 190.05 | -61.43 | -13.00 | -48.43 | 1.00 H | 44 | 56.95 | -118.38 |
| 4 | 244.37 | -62.73 | -13.00 | -49.73 | 2.00 H | 66 | 54.31 | -117.04 |
| 5 | 337.49 | -64.64 | -13.00 | -51.64 | 1.50 H | 167 | 49.35 | -113.99 |
| 6 | 564.47 | -68.25 | -13.00 | -55.25 | 1.00 H | 2 | 40.77 | -109.02 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

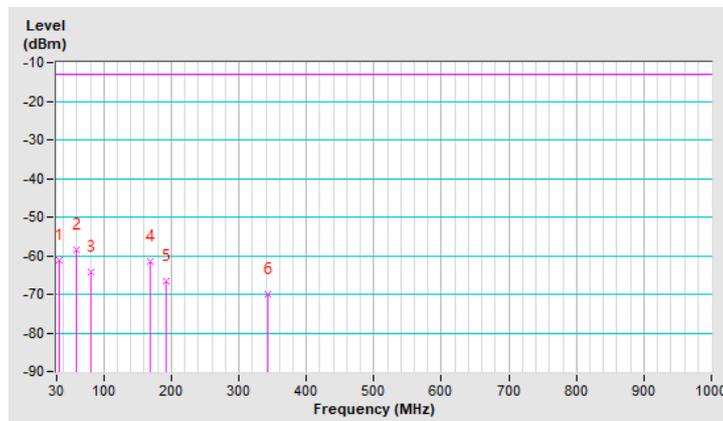


| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 27033 (848.3MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 33.88 | -61.35 | -13.00 | -48.35 | 1.00 V | 185 | 55.52 | -116.87 |
| 2 | 59.10 | -58.60 | -13.00 | -45.60 | 1.50 V | 233 | 57.98 | -116.58 |
| 3 | 80.44 | -64.35 | -13.00 | -51.35 | 1.00 V | 266 | 56.73 | -121.08 |
| 4 | 168.71 | -61.61 | -13.00 | -48.61 | 1.50 V | 157 | 54.27 | -115.88 |
| 5 | 191.99 | -66.63 | -13.00 | -53.63 | 1.00 V | 185 | 52.09 | -118.72 |
| 6 | 342.34 | -70.01 | -13.00 | -57.01 | 1.00 V | 287 | 43.97 | -113.98 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.



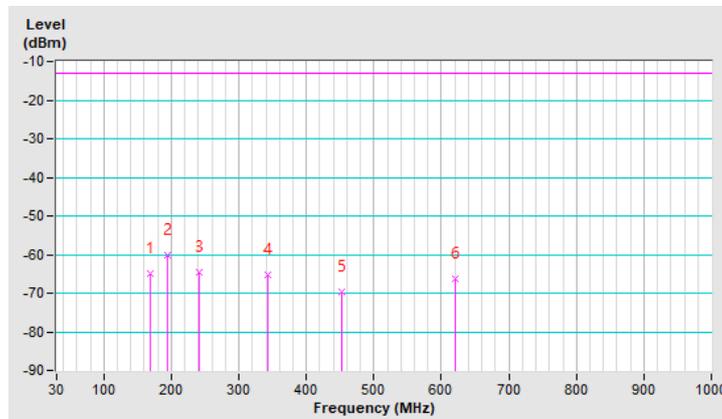
LTE Band 26 (For FCC Part 90), Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 26697 (814.7MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 169.68 | -64.85 | -13.00 | -51.85 | 1.50 H | 163 | 51.09 | -115.94 |
| 2 | 194.90 | -60.00 | -13.00 | -47.00 | 1.00 H | 65 | 58.98 | -118.98 |
| 3 | 241.46 | -64.51 | -13.00 | -51.51 | 2.00 H | 42 | 52.63 | -117.14 |
| 4 | 343.31 | -65.31 | -13.00 | -52.31 | 1.00 H | 158 | 48.68 | -113.99 |
| 5 | 452.92 | -69.60 | -13.00 | -56.60 | 1.00 H | 261 | 41.27 | -110.87 |
| 6 | 620.73 | -66.19 | -13.00 | -53.19 | 1.00 H | 82 | 41.33 | -107.52 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$.
4. The other ERP levels were very low against the limit.

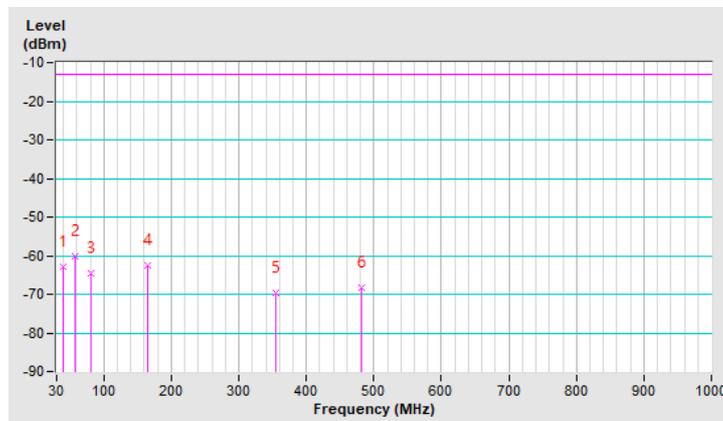


| | | | |
|--------------------------|--------------------------------|-----------------|----------------|
| Mode | TX channel 26697 (814.7MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 39.70 | -62.82 | -13.00 | -49.82 | 1.00 V | 175 | 53.66 | -116.48 |
| 2 | 58.13 | -60.00 | -13.00 | -47.00 | 1.00 V | 263 | 56.53 | -116.53 |
| 3 | 80.44 | -64.71 | -13.00 | -51.71 | 1.50 V | 238 | 56.37 | -121.08 |
| 4 | 165.80 | -62.57 | -13.00 | -49.57 | 1.00 V | 290 | 53.18 | -115.75 |
| 5 | 354.95 | -69.76 | -13.00 | -56.76 | 2.00 V | 298 | 44.04 | -113.80 |
| 6 | 481.05 | -68.25 | -13.00 | -55.25 | 1.00 V | 295 | 42.31 | -110.56 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.



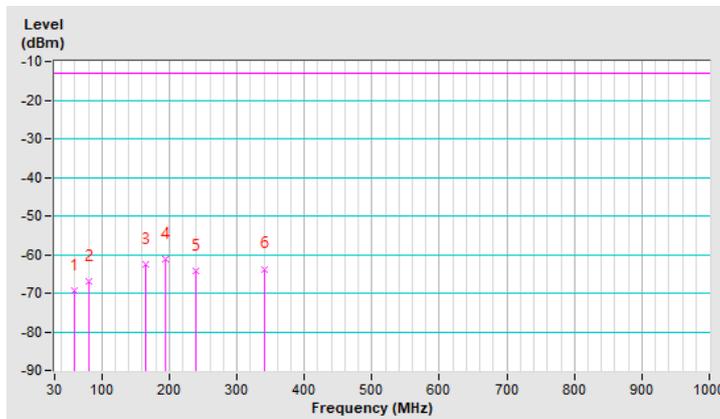
LTE Band 66, Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|----------------------------------|-----------------|----------------|
| Mode | TX channel 132322 (1745.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 59.10 | -69.40 | -13.00 | -56.40 | 1.00 H | 238 | 45.00 | -114.40 |
| 2 | 81.41 | -66.90 | -13.00 | -53.90 | 1.00 H | 148 | 52.30 | -119.20 |
| 3 | 164.83 | -62.50 | -13.00 | -49.50 | 1.50 H | 78 | 51.10 | -113.60 |
| 4 | 193.93 | -61.30 | -13.00 | -48.30 | 1.00 H | 93 | 55.50 | -116.80 |
| 5 | 238.55 | -64.30 | -13.00 | -51.30 | 2.00 H | 50 | 50.90 | -115.20 |
| 6 | 340.40 | -63.70 | -13.00 | -50.70 | 2.00 H | 195 | 48.20 | -111.90 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

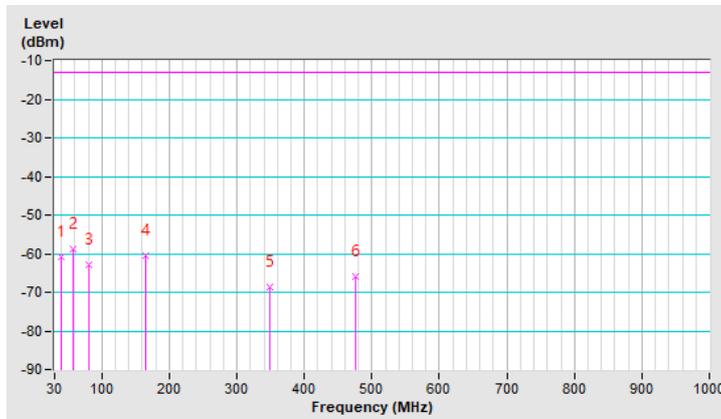


| | | | |
|--------------------------|----------------------------------|-----------------|----------------|
| Mode | TX channel 132322 (1745.0MHz) | Frequency Range | Below 1000 MHz |
| Environmental Conditions | 23deg. C, 67%RH | Input Power | 120Vac, 60Hz |
| Tested By | Adair Peng | | |

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 39.70 | -60.90 | -13.00 | -47.90 | 1.50 V | 199 | 53.50 | -114.40 |
| 2 | 57.16 | -58.90 | -13.00 | -45.90 | 1.50 V | 263 | 55.50 | -114.40 |
| 3 | 80.44 | -62.80 | -13.00 | -49.80 | 1.00 V | 272 | 56.20 | -119.00 |
| 4 | 165.80 | -60.50 | -13.00 | -47.50 | 1.00 V | 177 | 53.10 | -113.60 |
| 5 | 348.16 | -68.80 | -13.00 | -55.80 | 2.00 V | 262 | 43.10 | -111.90 |
| 6 | 476.20 | -66.00 | -13.00 | -53.00 | 1.00 V | 228 | 42.40 | -108.40 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.



Above 1GHz

n41, Channel Bandwidth 20MHz

| | | | |
|--------------------------|-----------------------------------|-----------------|--------------|
| Mode | TX channel 501204 (2506.02MHz) | Frequency Range | 1GHz ~ 30GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5012.04 | -50.07 | -25.00 | -25.07 | 2.11 H | 105 | 44.13 | -94.20 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5012.04 | -50.79 | -25.00 | -25.79 | 2.51 V | 233 | 43.41 | -94.20 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|-----------------------------------|-----------------|--------------|
| Mode | TX channel 518598 (2592.99MHz) | Frequency Range | 1GHz ~ 30GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5185.98 | -51.04 | -25.00 | -26.04 | 1.57 H | 56 | 43.22 | -94.26 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5185.98 | -50.81 | -25.00 | -25.81 | 1.02 V | 131 | 43.45 | -94.26 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|-----------------------------------|-----------------|--------------|
| Mode | TX channel 535998 (2679.99MHz) | Frequency Range | 1GHz ~ 30GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5359.98 | -50.14 | -25.00 | -25.14 | 1.31 H | 231 | 44.02 | -94.16 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5359.98 | -49.86 | -25.00 | -24.86 | 1.51 V | 103 | 44.30 | -94.16 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

n41, Channel Bandwidth 50MHz

| | | | |
|--------------------------|-----------------------------------|-----------------|--------------|
| Mode | TX channel 504204 (2521.02MHz) | Frequency Range | 1GHz ~ 30GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5042.04 | -49.31 | -25.00 | -24.31 | 3.55 H | 313 | 44.76 | -94.07 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5042.04 | -50.32 | -25.00 | -25.32 | 1.34 V | 105 | 43.75 | -94.07 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|-----------------------------------|-----------------|--------------|
| Mode | TX channel 518598 (2592.99MHz) | Frequency Range | 1GHz ~ 30GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5185.98 | -49.96 | -25.00 | -24.96 | 1.02 H | 213 | 44.30 | -94.26 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5185.98 | -50.98 | -25.00 | -25.98 | 1.58 V | 309 | 43.28 | -94.26 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|-----------------------------------|-----------------|--------------|
| Mode | TX channel 532998 (2664.99MHz) | Frequency Range | 1GHz ~ 30GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5329.98 | -50.38 | -25.00 | -25.38 | 1.05 H | 303 | 43.92 | -94.30 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5329.98 | -49.74 | -25.00 | -24.74 | 2.12 V | 258 | 44.56 | -94.30 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

n41, Channel Bandwidth 100MHz

| | | | |
|--------------------------|-----------------------------------|-----------------|--------------|
| Mode | TX channel 509202 (2546.01MHz) | Frequency Range | 1GHz ~ 30GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5092.02 | -49.92 | -25.00 | -24.92 | 3.13 H | 33 | 44.08 | -94.00 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5092.02 | -49.48 | -25.00 | -24.48 | 2.18 V | 33 | 44.52 | -94.00 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|-----------------------------------|-----------------|--------------|
| Mode | TX channel 518598 (2592.99MHz) | Frequency Range | 1GHz ~ 30GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5185.98 | -49.39 | -25.00 | -24.39 | 1.58 H | 259 | 44.87 | -94.26 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5185.98 | -49.99 | -25.00 | -24.99 | 1.25 V | 138 | 44.27 | -94.26 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|-----------------------------------|-----------------|--------------|
| Mode | TX channel 528000 (2640.00MHz) | Frequency Range | 1GHz ~ 30GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5280.00 | -50.45 | -25.00 | -25.45 | 1.31 H | 55 | 44.00 | -94.45 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 5280.00 | -50.08 | -25.00 | -25.08 | 1.55 V | 317 | 44.37 | -94.45 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

LTE Band 2, Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 18607 (1850.7MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3701.40 | -52.07 | -13.00 | -39.07 | 3.08 H | 134 | 44.28 | -96.35 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3701.40 | -52.55 | -13.00 | -39.55 | 1.24 V | 152 | 43.80 | -96.35 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 18900 (1880.0MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3760.00 | -51.70 | -13.00 | -38.70 | 1.53 H | 115 | 44.59 | -96.29 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3760.00 | -52.11 | -13.00 | -39.11 | 2.05 V | 318 | 44.18 | -96.29 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 19193 (1909.3MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3818.60 | -51.42 | -13.00 | -38.42 | 2.58 H | 107 | 44.77 | -96.19 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3818.60 | -51.91 | -13.00 | -38.91 | 2.05 V | 318 | 44.28 | -96.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

LTE Band 2, Channel Bandwidth 5MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 18625 (1852.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3705.00 | -52.18 | -13.00 | -39.18 | 2.89 H | 208 | 44.17 | -96.35 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3705.00 | -53.22 | -13.00 | -40.22 | 4.00 V | 134 | 43.13 | -96.35 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 18900 (1880.0MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3760.00 | -51.43 | -13.00 | -38.43 | 1.13 H | 151 | 44.86 | -96.29 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3760.00 | -52.28 | -13.00 | -39.28 | 2.87 V | 201 | 44.01 | -96.29 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 19175 (1907.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3815.00 | -51.30 | -13.00 | -38.30 | 1.58 H | 134 | 44.89 | -96.19 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3815.00 | -52.06 | -13.00 | -39.06 | 2.04 V | 337 | 44.13 | -96.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

LTE Band 2, Channel Bandwidth 20MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 18700 (1860.0MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3720.00 | -52.16 | -13.00 | -39.16 | 1.13 H | 258 | 44.18 | -96.34 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3720.00 | -51.97 | -13.00 | -38.97 | 2.85 V | 21 | 44.37 | -96.34 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 18900 (1880.0MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3760.00 | -52.29 | -13.00 | -39.29 | 1.57 H | 102 | 44.00 | -96.29 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3760.00 | -52.31 | -13.00 | -39.31 | 2.00 V | 133 | 43.98 | -96.29 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 19100 (1900.0MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3800.00 | -51.37 | -13.00 | -38.37 | 2.86 H | 170 | 44.85 | -96.22 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3800.00 | -52.02 | -13.00 | -39.02 | 1.34 V | 250 | 44.20 | -96.22 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

LTE Band 4, Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 19957 (1710.7MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3421.40 | -55.98 | -13.00 | -42.98 | 2.10 H | 65 | 41.34 | -97.32 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3421.40 | -54.21 | -13.00 | -41.21 | 1.99 V | 43 | 43.11 | -97.32 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20175 (1732.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3465.00 | -54.91 | -13.00 | -41.91 | 1.55 H | 63 | 42.15 | -97.06 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3465.00 | -54.05 | -13.00 | -41.05 | 1.91 V | 90 | 43.01 | -97.06 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20393 (1754.3MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3508.60 | -54.83 | -13.00 | -41.83 | 1.88 H | 61 | 41.98 | -96.81 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3508.60 | -53.80 | -13.00 | -40.80 | 2.00 V | 21 | 43.01 | -96.81 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

LTE Band 4, Channel Bandwidth 5MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 19975 (1712.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3425.00 | -54.92 | -13.00 | -41.92 | 1.66 H | 61 | 42.38 | -97.30 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3425.00 | -54.31 | -13.00 | -41.31 | 1.50 V | 25 | 42.99 | -97.30 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20175 (1732.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3465.00 | -54.66 | -13.00 | -41.66 | 1.51 H | 61 | 42.40 | -97.06 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3465.00 | -54.69 | -13.00 | -41.69 | 2.00 V | 26 | 42.37 | -97.06 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20375 (1752.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3505.00 | -54.98 | -13.00 | -41.98 | 1.51 H | 63 | 41.84 | -96.82 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3505.00 | -53.75 | -13.00 | -40.75 | 2.13 V | 31 | 43.07 | -96.82 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

LTE Band 4, Channel Bandwidth 20MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20050 (1720.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3440.00 | -55.29 | -13.00 | -42.29 | 1.83 H | 69 | 41.92 | -97.21 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3440.00 | -54.03 | -13.00 | -41.03 | 1.55 V | 34 | 43.18 | -97.21 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20175 (1732.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3465.00 | -54.77 | -13.00 | -41.77 | 1.58 H | 73 | 42.29 | -97.06 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3465.00 | -53.82 | -13.00 | -40.82 | 1.97 V | 31 | 43.24 | -97.06 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 20300 (1745.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 22deg. C, 66%RH | Input Power | 120Vac, 60Hz |
| Tested By | Rex Wang | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3490.00 | -54.21 | -13.00 | -41.21 | 1.63 H | 60 | 42.69 | -96.90 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3490.00 | -53.73 | -13.00 | -40.73 | 1.90 V | 21 | 43.17 | -96.90 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

LTE Band 12, Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23017 (699.7MHz) | Frequency Range | 1GHz ~ 8GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1399.40 | -54.04 | -13.00 | -41.04 | 1.65 H | 188 | 48.51 | -102.55 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1399.40 | -55.24 | -13.00 | -42.24 | 1.65 V | 213 | 47.31 | -102.55 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23095 (707.5MHz) | Frequency Range | 1GHz ~ 8GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1415.00 | -54.00 | -13.00 | -41.00 | 1.60 H | 188 | 48.70 | -102.70 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1415.00 | -55.20 | -13.00 | -42.20 | 1.68 V | 233 | 47.50 | -102.70 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23173 (715.3MHz) | Frequency Range | 1GHz ~ 8GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1430.60 | -54.09 | -13.00 | -41.09 | 1.64 H | 190 | 48.60 | -102.69 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1430.60 | -55.54 | -13.00 | -42.54 | 2.00 V | 213 | 47.15 | -102.69 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

LTE Band 12, Channel Bandwidth 5MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23035 (701.5MHz) | Frequency Range | 1GHz ~ 8GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1403.00 | -53.86 | -13.00 | -40.86 | 1.80 H | 177 | 48.71 | -102.57 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1403.00 | -54.75 | -13.00 | -41.75 | 1.13 V | 233 | 47.82 | -102.57 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23095 (707.5MHz) | Frequency Range | 1GHz ~ 8GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1415.00 | -54.40 | -13.00 | -41.40 | 1.69 H | 205 | 48.22 | -102.62 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1415.00 | -55.30 | -13.00 | -42.30 | 1.70 V | 211 | 47.32 | -102.62 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23155 (713.5MHz) | Frequency Range | 1GHz ~ 8GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1427.00 | -54.34 | -13.00 | -41.34 | 1.66 H | 173 | 48.33 | -102.67 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1427.00 | -55.54 | -13.00 | -42.54 | 1.64 V | 203 | 47.13 | -102.67 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

LTE Band 12, Channel Bandwidth 10MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23060 (704.0MHz) | Frequency Range | 1GHz ~ 8GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1408.00 | -54.19 | -13.00 | -41.19 | 1.80 H | 165 | 48.39 | -102.58 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1408.00 | -55.39 | -13.00 | -42.39 | 1.77 V | 230 | 47.19 | -102.58 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23095 (707.5MHz) | Frequency Range | 1GHz ~ 8GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1415.00 | -53.75 | -13.00 | -40.75 | 1.82 H | 189 | 48.87 | -102.62 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1415.00 | -55.42 | -13.00 | -42.42 | 1.64 V | 214 | 47.20 | -102.62 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 23130 (711.0MHz) | Frequency Range | 1GHz ~ 8GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1422.00 | -53.77 | -13.00 | -40.77 | 1.79 H | 185 | 48.87 | -102.64 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1422.00 | -55.51 | -13.00 | -42.51 | 1.63 V | 221 | 47.13 | -102.64 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

LTE Band 25, Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 26047 (1850.7MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3701.40 | -46.44 | -13.00 | -33.44 | 1.86 H | 189 | 49.91 | -96.35 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3701.40 | -38.85 | -13.00 | -25.85 | 1.72 V | 32 | 57.50 | -96.35 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 26365 (1882.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3765.00 | -46.46 | -13.00 | -33.46 | 1.86 H | 165 | 49.82 | -96.28 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3765.00 | -38.62 | -13.00 | -25.62 | 1.70 V | 41 | 57.66 | -96.28 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 26683 (1914.3MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3828.60 | -46.05 | -13.00 | -33.05 | 1.88 H | 195 | 50.13 | -96.18 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3828.60 | -39.05 | -13.00 | -26.05 | 1.77 V | 56 | 57.13 | -96.18 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

LTE Band 25, Channel Bandwidth 5MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 26065 (1852.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3705.00 | -46.54 | -13.00 | -33.54 | 1.56 H | 183 | 49.81 | -96.35 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3705.00 | -39.36 | -13.00 | -26.36 | 1.73 V | 39 | 56.99 | -96.35 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 26365 (1882.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3765.00 | -47.17 | -13.00 | -34.17 | 1.73 H | 176 | 49.11 | -96.28 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3765.00 | -39.07 | -13.00 | -26.07 | 1.85 V | 55 | 57.21 | -96.28 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 26665 (1912.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|---------------|---------------|---------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3825.00 | -46.92 | -13.00 | -33.92 | 1.65 H | 185 | 49.26 | -96.18 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3825.00 | -37.84 | -13.00 | -24.84 | 1.83 V | 30 | 58.34 | -96.18 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

LTE Band 25, Channel Bandwidth 20MHz

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 26140 (1860.0MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3720.00 | -47.06 | -13.00 | -34.06 | 1.88 H | 181 | 49.28 | -96.34 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3720.00 | -38.91 | -13.00 | -25.91 | 1.56 V | 32 | 57.43 | -96.34 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 26365 (1882.5MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3765.00 | -45.91 | -13.00 | -32.91 | 1.58 H | 177 | 50.37 | -96.28 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3765.00 | -38.23 | -13.00 | -25.23 | 1.70 V | 40 | 58.05 | -96.28 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|---------------------------------|-----------------|--------------|
| Mode | TX channel 26590 (1905.0MHz) | Frequency Range | 1GHz ~ 20GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3810.00 | -47.36 | -13.00 | -34.36 | 1.82 H | 180 | 48.85 | -96.21 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3810.00 | -39.05 | -13.00 | -26.05 | 1.65 V | 31 | 57.16 | -96.21 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

LTE Band 26 (For FCC Part 22), Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26797 (824.7MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1649.40 | -59.38 | -13.00 | -46.38 | 2.36 H | 333 | 44.19 | -103.57 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1649.40 | -59.18 | -13.00 | -46.18 | 1.55 V | 205 | 44.39 | -103.57 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26915 (836.5MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1673.00 | -58.43 | -13.00 | -45.43 | 2.36 H | 333 | 45.13 | -103.56 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1673.00 | -58.70 | -13.00 | -45.70 | 1.33 V | 225 | 44.86 | -103.56 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 27033 (848.3MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1696.60 | -57.94 | -13.00 | -44.94 | 3.00 H | 113 | 45.60 | -103.54 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1696.60 | -59.19 | -13.00 | -46.19 | 1.24 V | 139 | 44.35 | -103.54 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

LTE Band 26 (For FCC Part 22), Channel Bandwidth 5MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26815 (826.5MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1653.00 | -58.79 | -13.00 | -45.79 | 2.33 H | 213 | 44.79 | -103.58 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1653.00 | -59.13 | -13.00 | -46.13 | 1.31 V | 206 | 44.45 | -103.58 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26915 (836.5MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1673.00 | -58.89 | -13.00 | -45.89 | 3.05 H | 360 | 44.67 | -103.56 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1673.00 | -58.26 | -13.00 | -45.26 | 2.88 V | 303 | 45.30 | -103.56 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 27015 (846.5MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1693.00 | -59.43 | -13.00 | -46.43 | 3.13 H | 112 | 44.13 | -103.56 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1693.00 | -58.66 | -13.00 | -45.66 | 2.33 V | 22 | 44.90 | -103.56 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

LTE Band 26 (For FCC Part 22), Channel Bandwidth 15MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26865 (831.5MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1663.00 | -59.19 | -13.00 | -46.19 | 1.20 H | 303 | 44.37 | -103.56 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1663.00 | -58.48 | -13.00 | -45.48 | 1.31 V | 188 | 45.08 | -103.56 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26915 (836.5MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1673.00 | -59.36 | -13.00 | -46.36 | 1.31 H | 212 | 44.20 | -103.56 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1673.00 | -58.72 | -13.00 | -45.72 | 2.58 V | 200 | 44.84 | -103.56 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26965 (841.5MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1683.00 | -59.42 | -13.00 | -46.42 | 2.11 H | 203 | 44.13 | -103.55 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1683.00 | -59.56 | -13.00 | -46.56 | 1.00 V | 153 | 43.99 | -103.55 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

LTE Band 26 (For FCC Part 90), Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26697 (814.7MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|---------------|---------------|---------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1629.40 | -57.08 | -13.00 | -44.08 | 1.56 H | 321 | 46.41 | -103.49 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1629.40 | -56.13 | -13.00 | -43.13 | 2.12 V | 134 | 47.36 | -103.49 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26740 (819.0MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1638.00 | -56.80 | -13.00 | -43.80 | 1.35 H | 231 | 46.73 | -103.53 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1638.00 | -57.10 | -13.00 | -44.10 | 2.01 V | 13 | 46.43 | -103.53 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26783 (823.3MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1646.60 | -58.53 | -13.00 | -45.53 | 1.21 H | 133 | 45.03 | -103.56 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1646.60 | -57.06 | -13.00 | -44.06 | 1.38 V | 203 | 46.50 | -103.56 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m).$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

LTE Band 26 (For FCC Part 90), Channel Bandwidth 5MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26715 (816.5MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1633.00 | -58.72 | -13.00 | -45.72 | 1.33 H | 306 | 44.79 | -103.51 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1633.00 | -58.28 | -13.00 | -45.28 | 2.12 V | 100 | 45.23 | -103.51 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26740 (819.0MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1638.00 | -58.44 | -13.00 | -45.44 | 2.31 H | 133 | 45.09 | -103.53 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1638.00 | -58.30 | -13.00 | -45.30 | 1.34 V | 300 | 45.23 | -103.53 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26765 (821.5MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1643.00 | -59.09 | -13.00 | -46.09 | 1.00 H | 202 | 44.46 | -103.55 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1643.00 | -58.89 | -13.00 | -45.89 | 1.55 V | 13 | 44.66 | -103.55 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m).$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

LTE Band 26 (For FCC Part 90), Channel Bandwidth 10MHz

| | | | |
|--------------------------|--------------------------------|-----------------|--------------|
| Mode | TX channel 26740 (819.0MHz) | Frequency Range | 1GHz ~ 9GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|-----------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1638.00 | -58.85 | -13.00 | -45.85 | 1.31 H | 100 | 44.68 | -103.53 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1638.00 | -59.50 | -13.00 | -46.50 | 2.15 V | 309 | 44.03 | -103.53 |

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m).$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value.
4. The other ERP levels were very low against the limit.

LTE Band 66, Channel Bandwidth 1.4MHz

| | | | |
|--------------------------|----------------------------------|-----------------|--------------|
| Mode | TX channel 131979 (1710.7MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3421.40 | -53.64 | -13.00 | -40.64 | 2.11 H | 213 | 43.68 | -97.32 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3421.40 | -53.13 | -13.00 | -40.13 | 1.66 V | 320 | 44.19 | -97.32 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|----------------------------------|-----------------|--------------|
| Mode | TX channel 132322 (1745.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|---------------|---------------|---------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3490.00 | -52.49 | -13.00 | -39.49 | 2.13 H | 244 | 44.41 | -96.90 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3490.00 | -53.59 | -13.00 | -40.59 | 1.50 V | 319 | 43.31 | -96.90 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|----------------------------------|-----------------|--------------|
| Mode | TX channel 132665 (1779.3MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3558.60 | -53.53 | -13.00 | -40.53 | 2.15 H | 240 | 43.14 | -96.67 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3558.60 | -53.70 | -13.00 | -40.70 | 1.67 V | 326 | 42.97 | -96.67 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

LTE Band 66, Channel Bandwidth 5MHz

| | | | |
|--------------------------|----------------------------------|-----------------|--------------|
| Mode | TX channel 131997 (1712.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3425.00 | -53.82 | -13.00 | -40.82 | 2.18 H | 250 | 43.48 | -97.30 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3425.00 | -54.51 | -13.00 | -41.51 | 1.50 V | 303 | 42.79 | -97.30 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|----------------------------------|-----------------|--------------|
| Mode | TX channel 132322 (1745.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3490.00 | -54.01 | -13.00 | -41.01 | 2.15 H | 248 | 42.89 | -96.90 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3490.00 | -54.83 | -13.00 | -41.83 | 1.66 V | 308 | 42.07 | -96.90 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|----------------------------------|-----------------|--------------|
| Mode | TX channel 132647 (1777.5MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3555.00 | -53.99 | -13.00 | -40.99 | 2.11 H | 263 | 42.67 | -96.66 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3555.00 | -53.68 | -13.00 | -40.68 | 1.52 V | 302 | 42.98 | -96.66 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

LTE Band 66, Channel Bandwidth 20MHz

| | | | |
|--------------------------|----------------------------------|-----------------|--------------|
| Mode | TX channel 132072 (1720.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3440.00 | -53.75 | -13.00 | -40.75 | 2.10 H | 236 | 43.46 | -97.21 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3440.00 | -54.77 | -13.00 | -41.77 | 1.00 V | 313 | 42.44 | -97.21 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|----------------------------------|-----------------|--------------|
| Mode | TX channel 132322 (1745.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3490.00 | -54.52 | -13.00 | -41.52 | 2.55 H | 222 | 42.38 | -96.90 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3490.00 | -53.81 | -13.00 | -40.81 | 1.47 V | 336 | 43.09 | -96.90 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|--------------------------|----------------------------------|-----------------|--------------|
| Mode | TX channel 132572 (1770.0MHz) | Frequency Range | 1GHz ~ 18GHz |
| Environmental Conditions | 25deg. C, 65%RH | Input Power | 120Vac, 60Hz |
| Tested By | Tank Wu | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3540.00 | -53.36 | -13.00 | -40.36 | 2.05 H | 234 | 43.35 | -96.71 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 3540.00 | -54.11 | -13.00 | -41.11 | 1.50 V | 336 | 42.60 | -96.71 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

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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