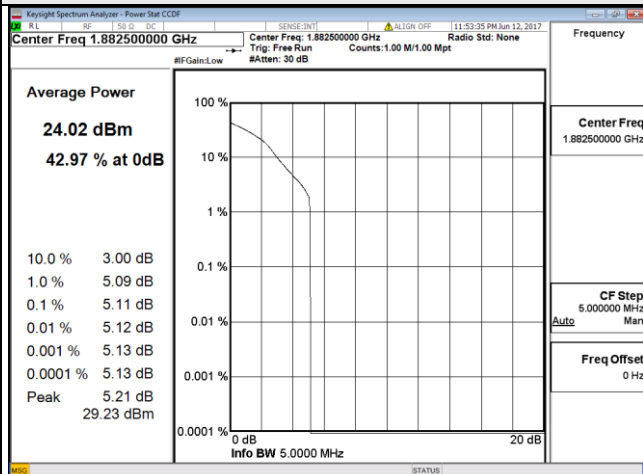


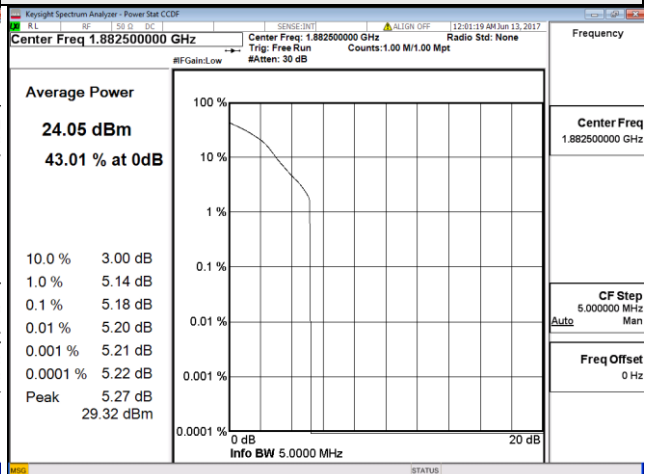
| LTE Band 25              |                 |                            |       |                         |                 |                            |       |
|--------------------------|-----------------|----------------------------|-------|-------------------------|-----------------|----------------------------|-------|
| Channel Bandwidth 1.4MHz |                 |                            |       | Channel Bandwidth 3MHz  |                 |                            |       |
| Channel                  | Frequency (MHz) | Peak To Average Ratio (dB) |       | Channel                 | Frequency (MHz) | Peak To Average Ratio (dB) |       |
|                          |                 | QPSK                       | 16QAM |                         |                 | QPSK                       | 16QAM |
| 26047                    | 1850.7          | 3.91                       | 4.71  | 26055                   | 1851.5          | 3.90                       | 4.64  |
| 26365                    | 1882.5          | 4.33                       | 5.11  | 26365                   | 1882.5          | 4.35                       | 5.18  |
| 26683                    | 1914.3          | 3.52                       | 4.25  | 26675                   | 1913.5          | 3.39                       | 4.14  |
| Channel Bandwidth 5MHz   |                 |                            |       | Channel Bandwidth 10MHz |                 |                            |       |
| Channel                  | Frequency (MHz) | Peak To Average Ratio (dB) |       | Channel                 | Frequency (MHz) | Peak To Average Ratio (dB) |       |
|                          |                 | QPSK                       | 16QAM |                         |                 | QPSK                       | 16QAM |
| 26065                    | 1852.5          | 3.77                       | 4.60  | 26090                   | 1855            | 3.61                       | 4.37  |
| 26365                    | 1882.5          | 4.29                       | 5.10  | 26365                   | 1882.5          | 4.18                       | 4.98  |
| 26665                    | 1912.5          | 3.50                       | 4.25  | 26640                   | 1910            | 3.38                       | 4.13  |
| Channel Bandwidth 15MHz  |                 |                            |       | Channel Bandwidth 20MHz |                 |                            |       |
| Channel                  | Frequency (MHz) | Peak To Average Ratio (dB) |       | Channel                 | Frequency (MHz) | Peak To Average Ratio (dB) |       |
|                          |                 | QPSK                       | 16QAM |                         |                 | QPSK                       | 16QAM |
| 26615                    | 1857.5          | 3.73                       | 4.51  | 26140                   | 1860            | 3.69                       | 4.40  |
| 26365                    | 1882.5          | 4.25                       | 5.09  | 26365                   | 1882.5          | 4.22                       | 4.99  |
| 26615                    | 1907.5          | 3.84                       | 4.85  | 26590                   | 1905            | 3.62                       | 4.50  |

## Spectrum Plot of Worst Value

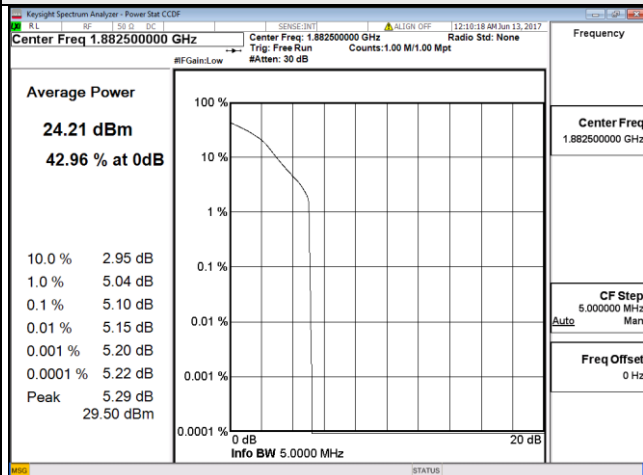
### 1.4MHz / 16QAM



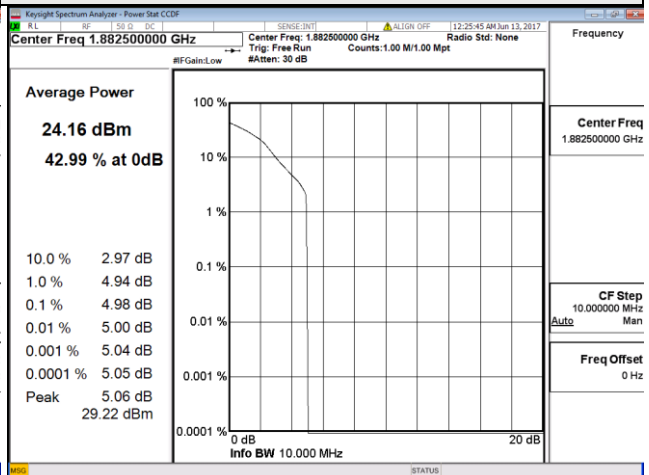
### 3MHz / 16QAM



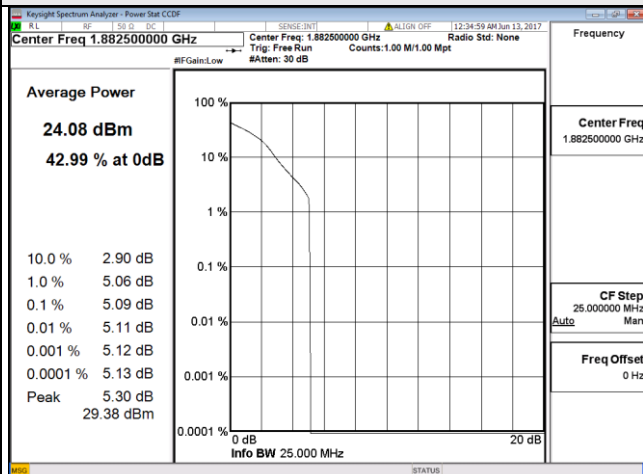
### 5MHz / 16QAM



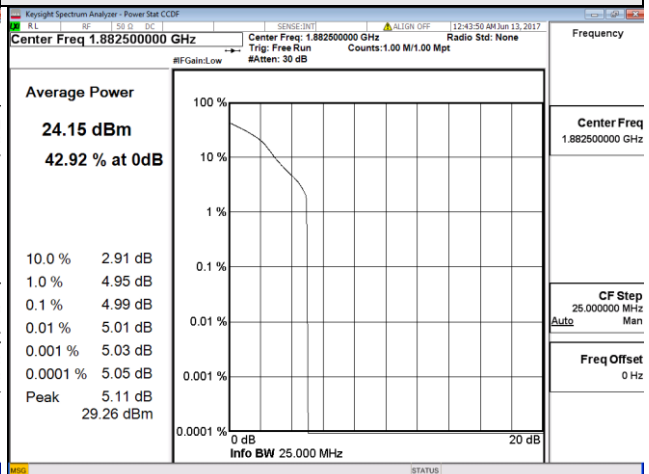
### 10MHz / 16QAM



### 15MHz / 16QAM



### 20MHz / 16QAM

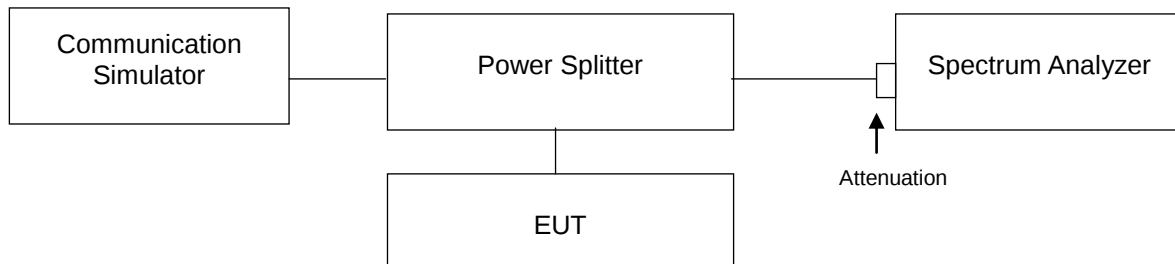


## 4.6 Conducted Spurious Emissions

### 4.6.1 Limits of Conducted Spurious Emissions Measurement

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  $-13\text{dBm}$ .

### 4.6.2 Test Setup

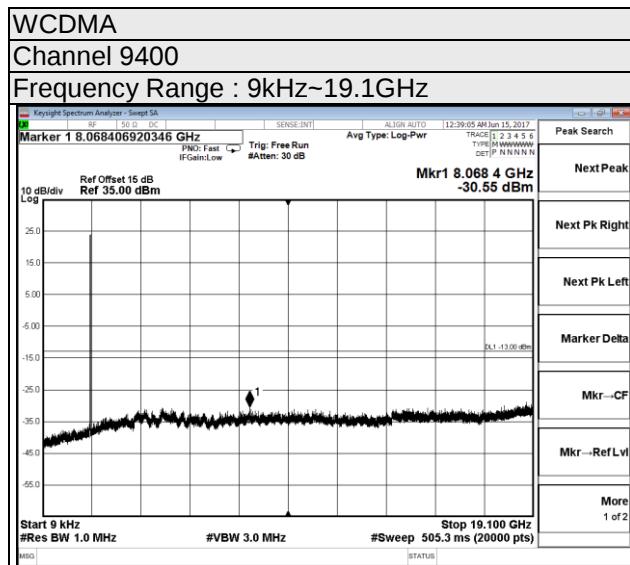


### 4.6.3 Test Procedure

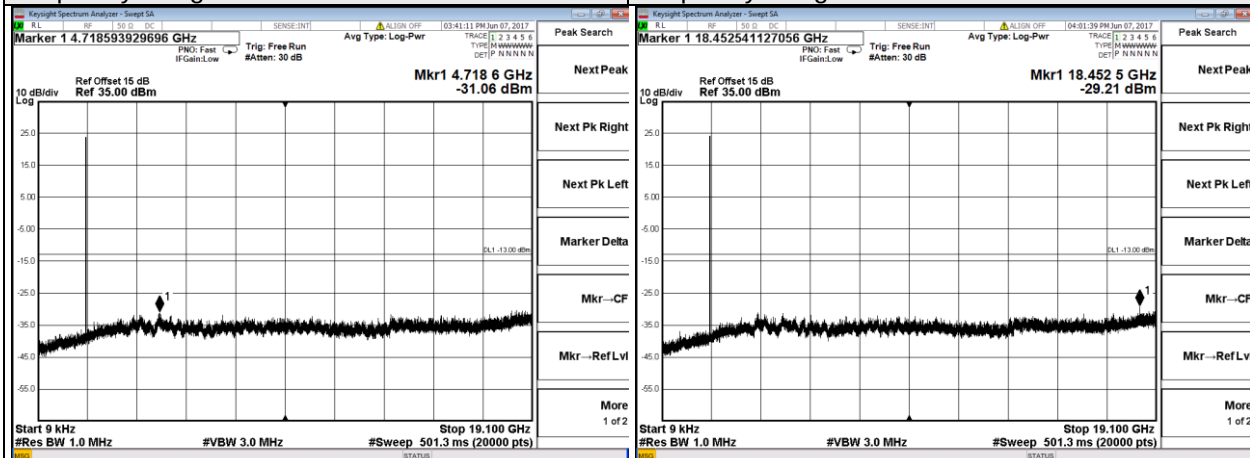
- All measurements were done at middle operational frequency range.
- Measuring frequency range is from 9 kHz to 19.1GHz for WCDMA band and LTE band 2 / 9 kHz to 19.15GHz for LTE band 25.

RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

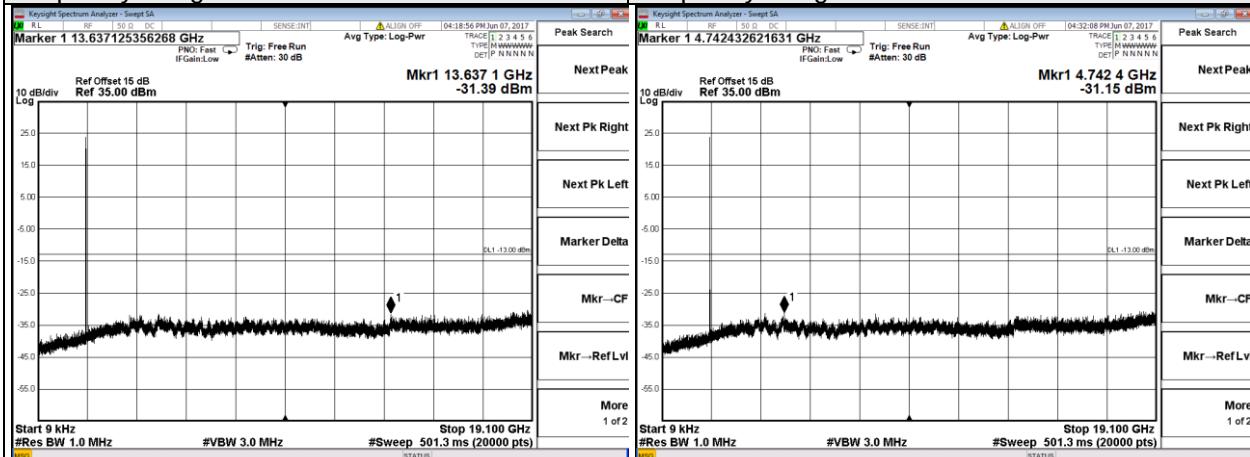
#### 4.6.4 Test Results (Subcontract Item)



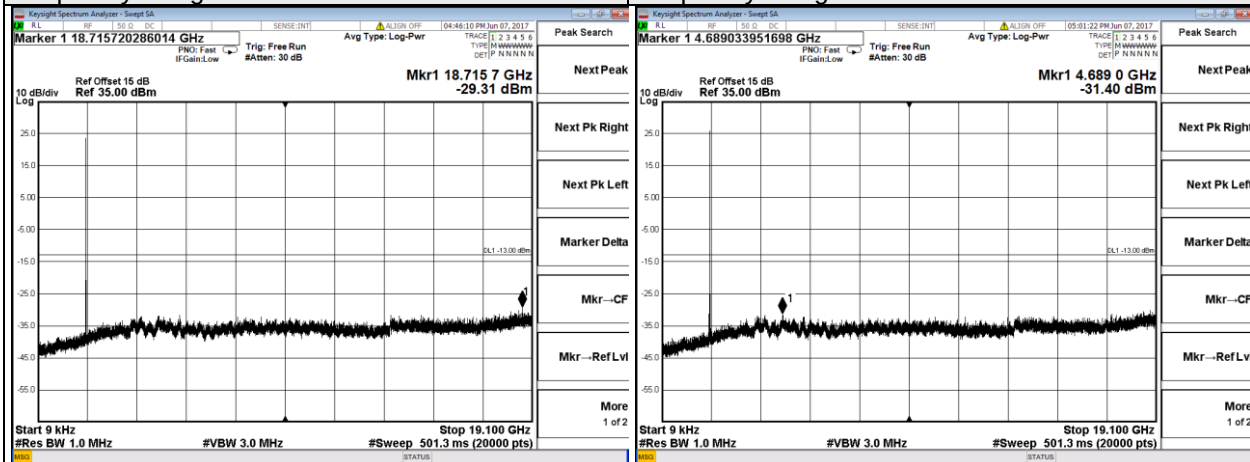
|                                       |                                     |
|---------------------------------------|-------------------------------------|
| LTE Band 2 Channel Band width: 1.4MHz | LTE Band 2 Channel Band width: 3MHz |
| Channel 18900                         | Channel 18900                       |
| Frequency Range : 9kHz~19.1GHz        | Frequency Range : 9kHz~19.1GHz      |

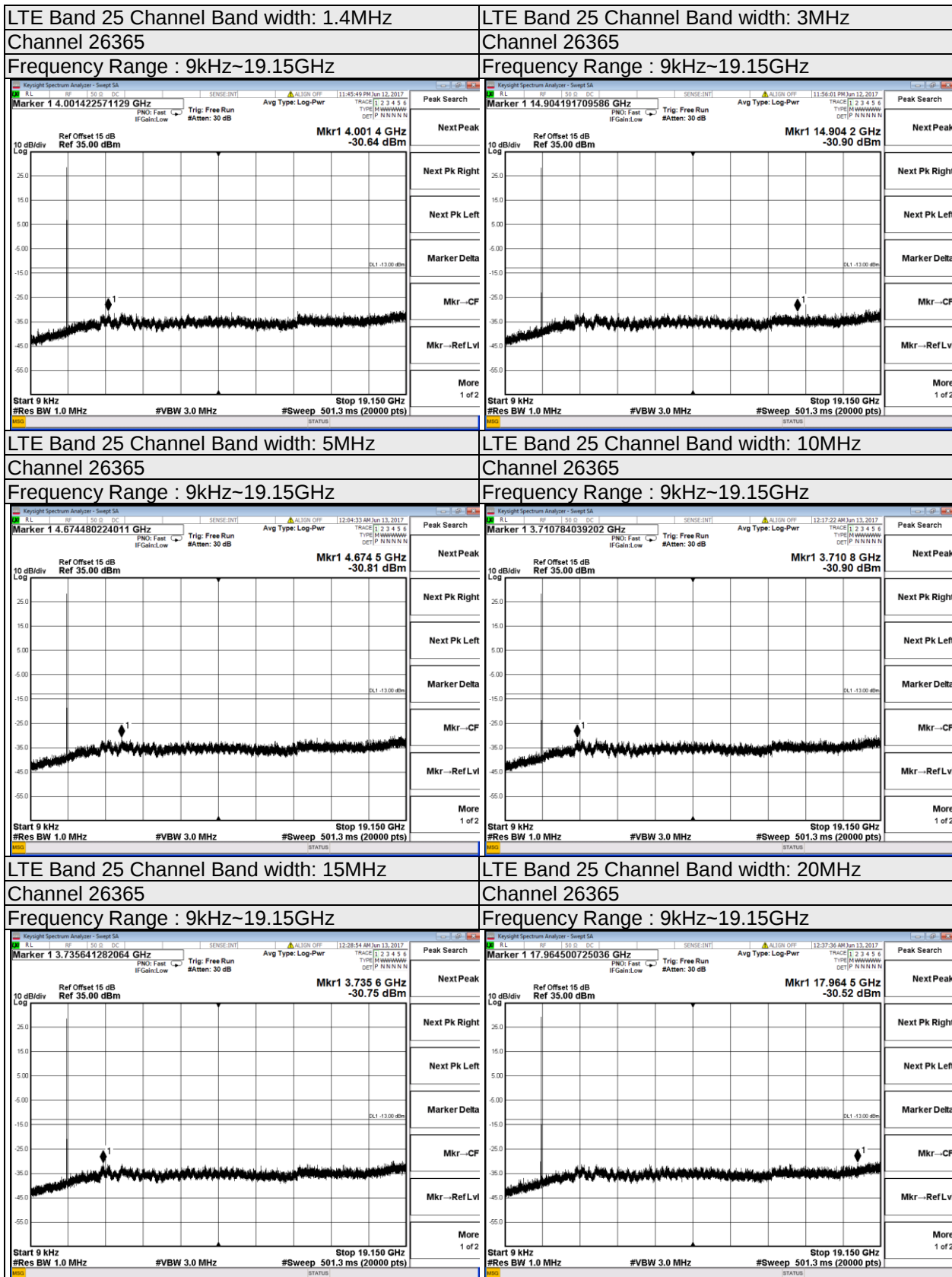


|                                     |                                      |
|-------------------------------------|--------------------------------------|
| LTE Band 2 Channel Band width: 5MHz | LTE Band 2 Channel Band width: 10MHz |
| Channel 18900                       | Channel 18900                        |
| Frequency Range : 9kHz~19.1GHz      | Frequency Range : 9kHz~19.1GHz       |



|                                      |                                      |
|--------------------------------------|--------------------------------------|
| LTE Band 2 Channel Band width: 15MHz | LTE Band 2 Channel Band width: 20MHz |
| Channel 18900                        | Channel 18900                        |
| Frequency Range : 9kHz~19.1GHz       | Frequency Range : 9kHz~19.1GHz       |





## 4.7 Radiated Emission Measurement

### 4.7.1 Limits of Radiated Emission Measurement

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  $-13\text{dBm}$ .

### 4.7.2 Test Procedure

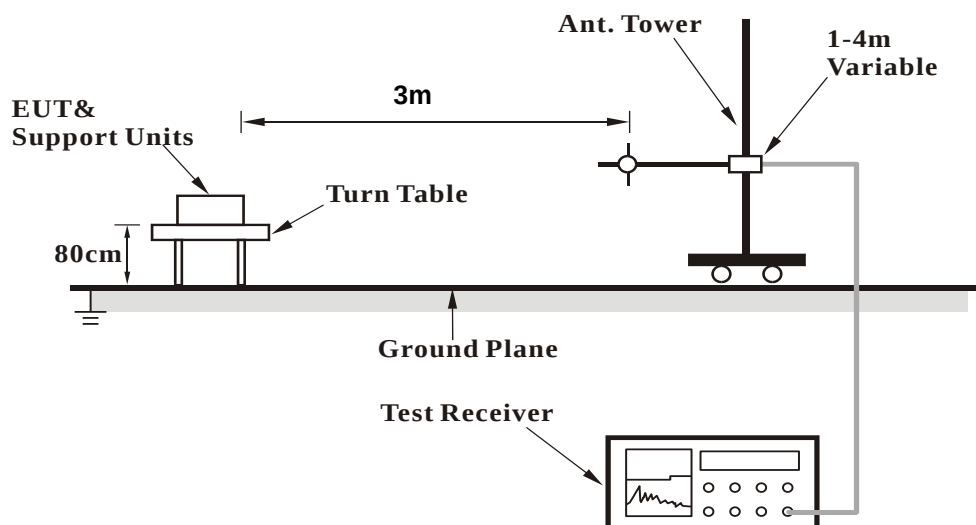
- a. The power was measured with Spectrum Analyzer.
- b. Substitution method is used for EIRP measurement. In the semi-anechoic chamber, EUT placed on the 0.8m/1.5m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step b. Record the power level of S.G
- d.  $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution antenna}$ .
- e. ERP power can be calculated form EIRP power by subtracting the gain of dipole,  $\text{ERP power} = \text{EIPR power} - 2.15\text{dBi}$ .

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

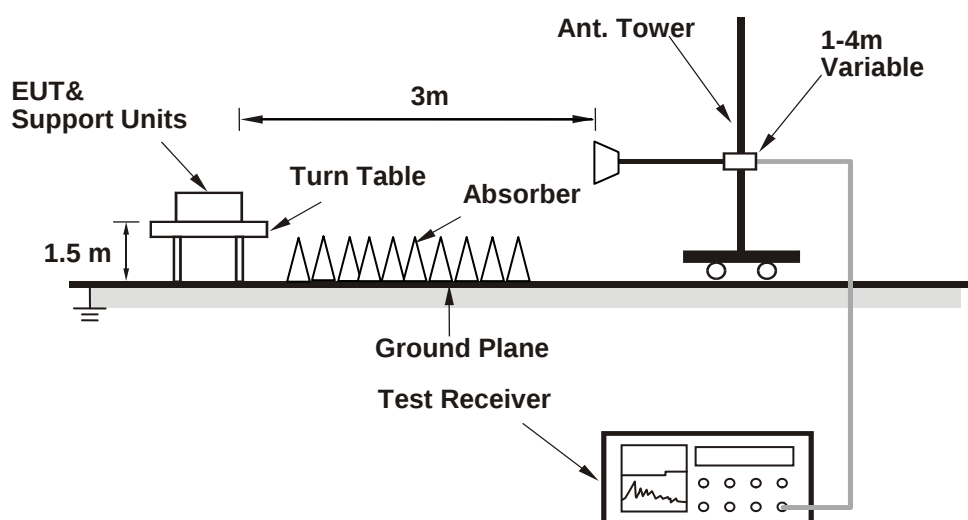
### 4.7.3 Deviation from Test Standard

No deviation.

#### 4.7.4 Test Setup For Below 1GHz



#### For Above 1GHz:



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

#### 4.7.5 Test Results

BELOW 1GHz

WCDMA:

|      |                 |                 |                |
|------|-----------------|-----------------|----------------|
| Mode | TX channel 9400 | Frequency Range | Below 1000 MHz |
|------|-----------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 92.7        | 34.86         | -57.05                | -1.04                  | -58.10               | -13         | -45.10      |
| 2                                                   | 237.57      | 35.24         | -60.12                | 3.84                   | -56.28               | -13         | -43.28      |
| 3                                                   | 288.05      | 34.30         | -61.17                | 3.78                   | -57.38               | -13         | -44.38      |
| 4                                                   | 345.01      | 34.52         | -63.17                | 3.61                   | -59.56               | -13         | -46.56      |
| 5                                                   | 469.59      | 36.50         | -60.68                | 2.84                   | -57.84               | -13         | -44.84      |
| 6                                                   | 736.95      | 30.84         | -65.53                | 1.02                   | -64.50               | -13         | -51.50      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 68.25       | 31.11         | -56.52                | -4.91                  | -61.43               | -13         | -48.43      |
| 2                                                   | 94.53       | 33.32         | -58.48                | -1.00                  | -59.49               | -13         | -46.49      |
| 3                                                   | 129.54      | 28.08         | -63.27                | -1.23                  | -64.51               | -13         | -51.51      |
| 4                                                   | 237.88      | 31.87         | -63.49                | 3.82                   | -59.67               | -13         | -46.67      |
| 5                                                   | 510.15      | 33.83         | -61.56                | 2.81                   | -58.75               | -13         | -45.75      |
| 6                                                   | 609.73      | 35.16         | -59.53                | 1.78                   | -57.75               | -13         | -44.75      |

Remarks:

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

## LTE Band 2: 1.4 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 18900 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 84.96       | 35.91         | -56.00                | -1.04                  | -57.05               | -13         | -44.05      |
| 2                                                   | 137.75      | 36.07         | -59.29                | 3.84                   | -55.45               | -13         | -42.45      |
| 3                                                   | 289.23      | 34.45         | -61.02                | 3.78                   | -57.23               | -13         | -44.23      |
| 4                                                   | 344.89      | 34.07         | -63.62                | 3.61                   | -60.01               | -13         | -47.01      |
| 5                                                   | 471.22      | 36.16         | -61.02                | 2.84                   | -58.18               | -13         | -45.18      |
| 6                                                   | 736.44      | 31.07         | -65.30                | 1.02                   | -64.27               | -13         | -51.27      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 67.82       | 30.22         | -57.41                | -4.91                  | -62.32               | -13         | -49.32      |
| 2                                                   | 92.68       | 33.76         | -58.04                | -1.00                  | -59.05               | -13         | -46.05      |
| 3                                                   | 128.4       | 26.79         | -64.56                | -1.23                  | -65.80               | -13         | -52.80      |
| 4                                                   | 238.27      | 30.87         | -64.49                | 3.82                   | -60.67               | -13         | -47.67      |
| 5                                                   | 510.38      | 33.12         | -62.27                | 2.81                   | -59.46               | -13         | -46.46      |
| 6                                                   | 609.06      | 33.87         | -60.82                | 1.78                   | -59.04               | -13         | -46.04      |

### Remarks:

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

## LTE Band 2: 3 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 18900 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 84.96       | 35.91         | -56.00                | -1.04                  | -57.05               | -13         | -44.05      |
| 2                                                   | 137.75      | 36.07         | -59.29                | 3.84                   | -55.45               | -13         | -42.45      |
| 3                                                   | 289.23      | 34.45         | -61.02                | 3.78                   | -57.23               | -13         | -44.23      |
| 4                                                   | 344.89      | 34.07         | -63.62                | 3.61                   | -60.01               | -13         | -47.01      |
| 5                                                   | 471.22      | 36.16         | -61.02                | 2.84                   | -58.18               | -13         | -45.18      |
| 6                                                   | 736.44      | 31.07         | -65.30                | 1.02                   | -64.27               | -13         | -51.27      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 67.82       | 30.22         | -57.41                | -4.91                  | -62.32               | -13         | -49.32      |
| 2                                                   | 92.68       | 33.76         | -58.04                | -1.00                  | -59.05               | -13         | -46.05      |
| 3                                                   | 128.4       | 26.79         | -64.56                | -1.23                  | -65.80               | -13         | -52.80      |
| 4                                                   | 238.27      | 30.87         | -64.49                | 3.82                   | -60.67               | -13         | -47.67      |
| 5                                                   | 510.38      | 33.12         | -62.27                | 2.81                   | -59.46               | -13         | -46.46      |
| 6                                                   | 609.06      | 33.87         | -60.82                | 1.78                   | -59.04               | -13         | -46.04      |

### Remarks:

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

## LTE Band 2: 5 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 18900 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 84.34       | 35.58         | -56.33                | -1.04                  | -57.38               | -13         | -44.38      |
| 2                                                   | 136.79      | 35.36         | -60.00                | 3.84                   | -56.16               | -13         | -43.16      |
| 3                                                   | 289.14      | 33.30         | -62.17                | 3.78                   | -58.38               | -13         | -45.38      |
| 4                                                   | 345.82      | 33.47         | -64.22                | 3.61                   | -60.61               | -13         | -47.61      |
| 5                                                   | 469.97      | 36.08         | -61.10                | 2.84                   | -58.26               | -13         | -45.26      |
| 6                                                   | 736.32      | 30.87         | -65.50                | 1.02                   | -64.47               | -13         | -51.47      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 66.91       | 30.64         | -56.99                | -4.91                  | -61.90               | -13         | -48.90      |
| 2                                                   | 94.22       | 33.67         | -58.13                | -1.00                  | -59.14               | -13         | -46.14      |
| 3                                                   | 129.57      | 27.41         | -63.94                | -1.23                  | -65.18               | -13         | -52.18      |
| 4                                                   | 237.69      | 30.81         | -64.55                | 3.82                   | -60.73               | -13         | -47.73      |
| 5                                                   | 509.72      | 33.52         | -61.87                | 2.81                   | -59.06               | -13         | -46.06      |
| 6                                                   | 608.6       | 32.77         | -61.92                | 1.78                   | -60.14               | -13         | -47.14      |

### Remarks:

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

## LTE Band 2: 10 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 18900 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 85.78       | 34.42         | -57.49                | -1.04                  | -58.54               | -13         | -45.54      |
| 2                                                   | 137         | 35.48         | -59.88                | 3.84                   | -56.04               | -13         | -43.04      |
| 3                                                   | 288.86      | 33.33         | -62.14                | 3.78                   | -58.35               | -13         | -45.35      |
| 4                                                   | 345         | 32.70         | -64.99                | 3.61                   | -61.38               | -13         | -48.38      |
| 5                                                   | 469.78      | 34.67         | -62.51                | 2.84                   | -59.67               | -13         | -46.67      |
| 6                                                   | 736.12      | 30.07         | -66.30                | 1.02                   | -65.27               | -13         | -52.27      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 67.49       | 30.81         | -56.82                | -4.91                  | -61.73               | -13         | -48.73      |
| 2                                                   | 93.16       | 33.73         | -58.07                | -1.00                  | -59.08               | -13         | -46.08      |
| 3                                                   | 129.88      | 26.86         | -64.49                | -1.23                  | -65.73               | -13         | -52.73      |
| 4                                                   | 239.02      | 31.61         | -63.75                | 3.82                   | -59.93               | -13         | -46.93      |
| 5                                                   | 510.02      | 33.30         | -62.09                | 2.81                   | -59.28               | -13         | -46.28      |
| 6                                                   | 610.16      | 33.38         | -61.31                | 1.78                   | -59.53               | -13         | -46.53      |

### Remarks:

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

## LTE Band 2: 15 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 18900 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 85.78       | 34.42         | -57.49                | -1.04                  | -58.54               | -13         | -45.54      |
| 2                                                   | 137         | 35.48         | -59.88                | 3.84                   | -56.04               | -13         | -43.04      |
| 3                                                   | 288.86      | 33.33         | -62.14                | 3.78                   | -58.35               | -13         | -45.35      |
| 4                                                   | 345         | 32.70         | -64.99                | 3.61                   | -61.38               | -13         | -48.38      |
| 5                                                   | 469.78      | 34.67         | -62.51                | 2.84                   | -59.67               | -13         | -46.67      |
| 6                                                   | 736.12      | 30.07         | -66.30                | 1.02                   | -65.27               | -13         | -52.27      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 67.49       | 30.81         | -56.82                | -4.91                  | -61.73               | -13         | -48.73      |
| 2                                                   | 93.16       | 33.73         | -58.07                | -1.00                  | -59.08               | -13         | -46.08      |
| 3                                                   | 129.88      | 26.86         | -64.49                | -1.23                  | -65.73               | -13         | -52.73      |
| 4                                                   | 239.02      | 31.61         | -63.75                | 3.82                   | -59.93               | -13         | -46.93      |
| 5                                                   | 510.02      | 33.30         | -62.09                | 2.81                   | -59.28               | -13         | -46.28      |
| 6                                                   | 610.16      | 33.38         | -61.31                | 1.78                   | -59.53               | -13         | -46.53      |

### Remarks:

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

### LTE Band 25: 1.4 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 26365 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 84.3        | 35.42         | -56.49                | -1.04                  | -57.54               | -13         | -44.54      |
| 2                                                   | 136.81      | 35.69         | -59.67                | 3.84                   | -55.83               | -13         | -42.83      |
| 3                                                   | 289.12      | 34.24         | -61.23                | 3.78                   | -57.44               | -13         | -44.44      |
| 4                                                   | 345.99      | 33.45         | -64.24                | 3.61                   | -60.63               | -13         | -47.63      |
| 5                                                   | 469.97      | 35.47         | -61.71                | 2.84                   | -58.87               | -13         | -45.87      |
| 6                                                   | 736.34      | 30.55         | -65.82                | 1.02                   | -64.79               | -13         | -51.79      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 67.08       | 30.50         | -57.13                | -4.91                  | -62.04               | -13         | -49.04      |
| 2                                                   | 92.56       | 33.13         | -58.67                | -1.00                  | -59.68               | -13         | -46.68      |
| 3                                                   | 129.81      | 27.50         | -63.85                | -1.23                  | -65.09               | -13         | -52.09      |
| 4                                                   | 237.59      | 30.81         | -64.55                | 3.82                   | -60.73               | -13         | -47.73      |
| 5                                                   | 509.38      | 33.10         | -62.29                | 2.81                   | -59.48               | -13         | -46.48      |
| 6                                                   | 608.99      | 33.65         | -61.04                | 1.78                   | -59.26               | -13         | -46.26      |

#### Remarks:

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

# LTE Band 25: 3 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 26365 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 86.02       | 35.25         | -56.66                | -1.04                  | -57.71               | -13         | -44.71      |
| 2                                                   | 138.11      | 35.76         | -59.60                | 3.84                   | -55.76               | -13         | -42.76      |
| 3                                                   | 288.23      | 33.59         | -61.88                | 3.78                   | -58.09               | -13         | -45.09      |
| 4                                                   | 345.26      | 32.89         | -64.80                | 3.61                   | -61.19               | -13         | -48.19      |
| 5                                                   | 470.44      | 35.67         | -61.51                | 2.84                   | -58.67               | -13         | -45.67      |
| 6                                                   | 736.96      | 30.50         | -65.87                | 1.02                   | -64.84               | -13         | -51.84      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 68.43       | 30.03         | -57.60                | -4.91                  | -62.51               | -13         | -49.51      |
| 2                                                   | 92.9        | 33.02         | -58.78                | -1.00                  | -59.79               | -13         | -46.79      |
| 3                                                   | 128.5       | 27.58         | -63.77                | -1.23                  | -65.01               | -13         | -52.01      |
| 4                                                   | 238.01      | 31.61         | -63.75                | 3.82                   | -59.93               | -13         | -46.93      |
| 5                                                   | 509.23      | 33.12         | -62.27                | 2.81                   | -59.46               | -13         | -46.46      |
| 6                                                   | 609.29      | 33.61         | -61.08                | 1.78                   | -59.30               | -13         | -46.30      |

## Remarks:

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

# LTE Band 25: 5 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 26365 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 84.53       | 35.79         | -56.12                | -1.04                  | -57.17               | -13         | -44.17      |
| 2                                                   | 136.56      | 35.53         | -59.83                | 3.84                   | -55.99               | -13         | -42.99      |
| 3                                                   | 289.06      | 33.90         | -61.57                | 3.78                   | -57.78               | -13         | -44.78      |
| 4                                                   | 346.62      | 34.03         | -63.66                | 3.61                   | -60.05               | -13         | -47.05      |
| 5                                                   | 470.51      | 35.77         | -61.41                | 2.84                   | -58.57               | -13         | -45.57      |
| 6                                                   | 736.13      | 30.10         | -66.27                | 1.02                   | -65.24               | -13         | -52.24      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 68.44       | 30.10         | -57.53                | -4.91                  | -62.44               | -13         | -49.44      |
| 2                                                   | 94.19       | 33.73         | -58.07                | -1.00                  | -59.08               | -13         | -46.08      |
| 3                                                   | 128.76      | 27.38         | -63.97                | -1.23                  | -65.21               | -13         | -52.21      |
| 4                                                   | 237.8       | 31.18         | -64.18                | 3.82                   | -60.36               | -13         | -47.36      |
| 5                                                   | 509.21      | 33.31         | -62.08                | 2.81                   | -59.27               | -13         | -46.27      |
| 6                                                   | 609.28      | 33.04         | -61.65                | 1.78                   | -59.87               | -13         | -46.87      |

## Remarks:

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

# LTE Band 25: 10 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 26365 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 85.13       | 35.89         | -56.02                | -1.04                  | -57.07               | -13         | -44.07      |
| 2                                                   | 137.21      | 35.66         | -59.70                | 3.84                   | -55.86               | -13         | -42.86      |
| 3                                                   | 289.05      | 33.92         | -61.55                | 3.78                   | -57.76               | -13         | -44.76      |
| 4                                                   | 345.79      | 33.19         | -64.50                | 3.61                   | -60.89               | -13         | -47.89      |
| 5                                                   | 470.57      | 35.00         | -62.18                | 2.84                   | -59.34               | -13         | -46.34      |
| 6                                                   | 737.1       | 30.14         | -66.23                | 1.02                   | -65.20               | -13         | -52.20      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 85.13       | 35.89         | -56.02                | -1.04                  | -57.07               | -13         | -44.07      |
| 2                                                   | 137.21      | 35.66         | -59.70                | 3.84                   | -55.86               | -13         | -42.86      |
| 3                                                   | 289.05      | 33.92         | -61.55                | 3.78                   | -57.76               | -13         | -44.76      |
| 4                                                   | 345.79      | 33.19         | -64.50                | 3.61                   | -60.89               | -13         | -47.89      |
| 5                                                   | 470.57      | 35.00         | -62.18                | 2.84                   | -59.34               | -13         | -46.34      |
| 6                                                   | 737.1       | 30.14         | -66.23                | 1.02                   | -65.20               | -13         | -52.20      |

## Remarks:

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

# LTE Band 25: 15 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 26365 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 85.13       | 35.89         | -56.02                | -1.04                  | -57.07               | -13         | -44.07      |
| 2                                                   | 137.21      | 35.66         | -59.70                | 3.84                   | -55.86               | -13         | -42.86      |
| 3                                                   | 289.05      | 33.92         | -61.55                | 3.78                   | -57.76               | -13         | -44.76      |
| 4                                                   | 345.79      | 33.19         | -64.50                | 3.61                   | -60.89               | -13         | -47.89      |
| 5                                                   | 470.57      | 35.00         | -62.18                | 2.84                   | -59.34               | -13         | -46.34      |
| 6                                                   | 737.1       | 30.14         | -66.23                | 1.02                   | -65.20               | -13         | -52.20      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 66.99       | 31.07         | -56.56                | -4.91                  | -61.47               | -13         | -48.47      |
| 2                                                   | 92.4        | 34.28         | -57.52                | -1.00                  | -58.53               | -13         | -45.53      |
| 3                                                   | 129.28      | 27.84         | -63.51                | -1.23                  | -64.75               | -13         | -51.75      |
| 4                                                   | 238.27      | 32.20         | -63.16                | 3.82                   | -59.34               | -13         | -46.34      |
| 5                                                   | 509.53      | 33.76         | -61.63                | 2.81                   | -58.82               | -13         | -45.82      |
| 6                                                   | 609.84      | 34.04         | -60.65                | 1.78                   | -58.87               | -13         | -45.87      |

## Remarks:

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

# LTE Band 25: 20 MHz

|      |                  |                 |                |
|------|------------------|-----------------|----------------|
| Mode | TX channel 26365 | Frequency Range | Below 1000 MHz |
|------|------------------|-----------------|----------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 85.13       | 35.89         | -56.02                | -1.04                  | -57.07               | -13         | -44.07      |
| 2                                                   | 137.21      | 35.66         | -59.70                | 3.84                   | -55.86               | -13         | -42.86      |
| 3                                                   | 289.05      | 33.92         | -61.55                | 3.78                   | -57.76               | -13         | -44.76      |
| 4                                                   | 345.79      | 33.19         | -64.50                | 3.61                   | -60.89               | -13         | -47.89      |
| 5                                                   | 470.57      | 35.00         | -62.18                | 2.84                   | -59.34               | -13         | -46.34      |
| 6                                                   | 737.1       | 30.14         | -66.23                | 1.02                   | -65.20               | -13         | -52.20      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 66.99       | 31.07         | -56.56                | -4.91                  | -61.47               | -13         | -48.47      |
| 2                                                   | 92.4        | 34.28         | -57.52                | -1.00                  | -58.53               | -13         | -45.53      |
| 3                                                   | 129.28      | 27.84         | -63.51                | -1.23                  | -64.75               | -13         | -51.75      |
| 4                                                   | 238.27      | 32.20         | -63.16                | 3.82                   | -59.34               | -13         | -46.34      |
| 5                                                   | 509.53      | 33.76         | -61.63                | 2.81                   | -58.82               | -13         | -45.82      |
| 6                                                   | 609.84      | 34.04         | -60.65                | 1.78                   | -58.87               | -13         | -45.87      |

## Remarks:

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

ABOVE 1GHz

WCDMA:

|      |                 |                 |               |
|------|-----------------|-----------------|---------------|
| Mode | TX channel 9400 | Frequency Range | Above 1000MHz |
|------|-----------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 35.72         | -68.43                | 7.68                   | -60.75               | -13         | -47.75      |
| 2                                                   | 5640        | 39.66         | -65.08                | 7.02                   | -58.06               | -13         | -45.06      |
| 3                                                   | 7520        | 45.73         | -56.89                | 4.53                   | -52.36               | -13         | -39.36      |
| 4                                                   | 9400        | 47.63         | -54.24                | 4.21                   | -50.04               | -13         | -37.04      |
| 5                                                   | 11280       | 48.45         | -53.04                | 3.48                   | -49.56               | -13         | -36.56      |
| 6                                                   | 13160       | 47.62         | -52.99                | 4.06                   | -48.92               | -13         | -35.92      |
| 7                                                   | 15040       | 48.21         | -49.14                | 3.70                   | -45.44               | -13         | -32.44      |
| 8                                                   | 16920       | 48.52         | -48.83                | 3.70                   | -45.13               | -13         | -32.13      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 35.11         | -69.04                | 7.68                   | -61.36               | -13         | -48.36      |
| 2                                                   | 5640        | 38.45         | -66.29                | 7.02                   | -59.27               | -13         | -46.27      |
| 3                                                   | 7520        | 46.25         | -56.37                | 4.53                   | -51.84               | -13         | -38.84      |
| 4                                                   | 9400        | 47.42         | -54.45                | 4.21                   | -50.25               | -13         | -37.25      |
| 5                                                   | 11280       | 48.88         | -52.61                | 3.48                   | -49.13               | -13         | -36.13      |
| 6                                                   | 13160       | 47.95         | -53.07                | 4.48                   | -48.59               | -13         | -35.59      |
| 7                                                   | 15040       | 49.11         | -48.30                | 3.76                   | -44.54               | -13         | -31.54      |
| 8                                                   | 16920       | 49.54         | -47.81                | 3.70                   | -44.11               | -13         | -31.11      |

Remarks:

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

## LTE Bnad 2: 1.4 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 18900 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 46.06         | -58.09                | 7.68                   | -50.41               | -13         | -37.41      |
| 2                                                   | 5640        | 42.37         | -62.37                | 7.02                   | -55.35               | -13         | -42.35      |
| 3                                                   | 7520        | 36.68         | -65.94                | 4.53                   | -61.41               | -13         | -48.41      |
| 4                                                   | 9400        | 37.97         | -63.90                | 4.21                   | -59.70               | -13         | -46.70      |
| 5                                                   | 11280       | 39.12         | -62.37                | 3.48                   | -58.89               | -13         | -45.89      |
| 6                                                   | 13160       | 42.95         | -57.66                | 4.06                   | -53.59               | -13         | -40.59      |
| 7                                                   | 15040       | 43.50         | -53.85                | 3.70                   | -50.15               | -13         | -37.15      |
| 8                                                   | 16920       | 44.23         | -53.12                | 3.70                   | -49.42               | -13         | -36.42      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 41.89         | -62.26                | 7.68                   | -54.58               | -13         | -41.58      |
| 2                                                   | 5640        | 39.74         | -65.00                | 7.02                   | -57.98               | -13         | -44.98      |
| 3                                                   | 7520        | 37.00         | -65.62                | 4.53                   | -61.09               | -13         | -48.09      |
| 4                                                   | 9400        | 37.15         | -64.72                | 4.21                   | -60.52               | -13         | -47.52      |
| 5                                                   | 11280       | 37.30         | -64.19                | 3.48                   | -60.71               | -13         | -47.71      |
| 6                                                   | 13160       | 39.16         | -61.86                | 4.48                   | -57.38               | -13         | -44.38      |
| 7                                                   | 15040       | 42.85         | -54.56                | 3.76                   | -50.80               | -13         | -37.80      |
| 8                                                   | 16920       | 43.06         | -54.29                | 3.70                   | -50.59               | -13         | -37.59      |

### Remarks:

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

## LTE Bnad 2: 3 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 18900 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 46.01         | -58.14                | 7.68                   | -50.46               | -13         | -37.46      |
| 2                                                   | 5640        | 41.86         | -62.88                | 7.02                   | -55.86               | -13         | -42.86      |
| 3                                                   | 7520        | 35.43         | -67.19                | 4.53                   | -62.66               | -13         | -49.66      |
| 4                                                   | 9400        | 37.87         | -64.00                | 4.21                   | -59.80               | -13         | -46.80      |
| 5                                                   | 11280       | 39.41         | -62.08                | 3.48                   | -58.60               | -13         | -45.60      |
| 6                                                   | 13160       | 41.65         | -58.96                | 4.06                   | -54.89               | -13         | -41.89      |
| 7                                                   | 15040       | 43.70         | -53.65                | 3.70                   | -49.95               | -13         | -36.95      |
| 8                                                   | 16920       | 44.35         | -53.00                | 3.70                   | -49.30               | -13         | -36.30      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 41.84         | -62.31                | 7.68                   | -54.63               | -13         | -41.63      |
| 2                                                   | 5640        | 40.42         | -64.32                | 7.02                   | -57.30               | -13         | -44.30      |
| 3                                                   | 7520        | 35.98         | -66.64                | 4.53                   | -62.11               | -13         | -49.11      |
| 4                                                   | 9400        | 37.17         | -64.70                | 4.21                   | -60.50               | -13         | -47.50      |
| 5                                                   | 11280       | 39.02         | -62.47                | 3.48                   | -58.99               | -13         | -45.99      |
| 6                                                   | 13160       | 38.10         | -62.92                | 4.48                   | -58.44               | -13         | -45.44      |
| 7                                                   | 15040       | 42.84         | -54.57                | 3.76                   | -50.81               | -13         | -37.81      |
| 8                                                   | 16920       | 43.36         | -53.99                | 3.70                   | -50.29               | -13         | -37.29      |

### Remarks:

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

## LTE Bnad 2: 5 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 18900 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 46.37         | -57.78                | 7.68                   | -50.10               | -13         | -37.10      |
| 2                                                   | 5640        | 41.86         | -62.88                | 7.02                   | -55.86               | -13         | -42.86      |
| 3                                                   | 7520        | 35.72         | -66.90                | 4.53                   | -62.37               | -13         | -49.37      |
| 4                                                   | 9400        | 38.68         | -63.19                | 4.21                   | -58.99               | -13         | -45.99      |
| 5                                                   | 11280       | 40.29         | -61.20                | 3.48                   | -57.72               | -13         | -44.72      |
| 6                                                   | 13160       | 42.59         | -58.02                | 4.06                   | -53.95               | -13         | -40.95      |
| 7                                                   | 15040       | 42.25         | -55.10                | 3.70                   | -51.40               | -13         | -38.40      |
| 8                                                   | 16920       | 43.73         | -53.62                | 3.70                   | -49.92               | -13         | -36.92      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 42.13         | -62.02                | 7.68                   | -54.34               | -13         | -41.34      |
| 2                                                   | 5640        | 40.35         | -64.39                | 7.02                   | -57.37               | -13         | -44.37      |
| 3                                                   | 7520        | 35.85         | -66.77                | 4.53                   | -62.24               | -13         | -49.24      |
| 4                                                   | 9400        | 38.94         | -62.93                | 4.21                   | -58.73               | -13         | -45.73      |
| 5                                                   | 11280       | 37.75         | -63.74                | 3.48                   | -60.26               | -13         | -47.26      |
| 6                                                   | 13160       | 39.49         | -61.53                | 4.48                   | -57.05               | -13         | -44.05      |
| 7                                                   | 15040       | 42.07         | -55.34                | 3.76                   | -51.58               | -13         | -38.58      |
| 8                                                   | 16920       | 42.55         | -54.80                | 3.70                   | -51.10               | -13         | -38.10      |

### Remarks:

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

## LTE Bnad 2: 10 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 18900 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 45.74         | -58.41                | 7.68                   | -50.73               | -13         | -37.73      |
| 2                                                   | 5640        | 42.94         | -61.80                | 7.02                   | -54.78               | -13         | -41.78      |
| 3                                                   | 7520        | 35.30         | -67.32                | 4.53                   | -62.79               | -13         | -49.79      |
| 4                                                   | 9400        | 39.05         | -62.82                | 4.21                   | -58.62               | -13         | -45.62      |
| 5                                                   | 11280       | 39.42         | -62.07                | 3.48                   | -58.59               | -13         | -45.59      |
| 6                                                   | 13160       | 41.69         | -58.92                | 4.06                   | -54.85               | -13         | -41.85      |
| 7                                                   | 15040       | 42.80         | -54.55                | 3.70                   | -50.85               | -13         | -37.85      |
| 8                                                   | 16920       | 44.54         | -52.81                | 3.70                   | -49.11               | -13         | -36.11      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 41.34         | -62.81                | 7.68                   | -55.13               | -13         | -42.13      |
| 2                                                   | 5640        | 39.72         | -65.02                | 7.02                   | -58.00               | -13         | -45.00      |
| 3                                                   | 7520        | 36.76         | -65.86                | 4.53                   | -61.33               | -13         | -48.33      |
| 4                                                   | 9400        | 37.84         | -64.03                | 4.21                   | -59.83               | -13         | -46.83      |
| 5                                                   | 11280       | 38.76         | -62.73                | 3.48                   | -59.25               | -13         | -46.25      |
| 6                                                   | 13160       | 38.48         | -62.54                | 4.48                   | -58.06               | -13         | -45.06      |
| 7                                                   | 15040       | 41.28         | -56.13                | 3.76                   | -52.37               | -13         | -39.37      |
| 8                                                   | 16920       | 44.09         | -53.26                | 3.70                   | -49.56               | -13         | -36.56      |

### Remarks:

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

## LTE Bnad 2: 15 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 18900 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 47.15         | -57.00                | 7.68                   | -49.32               | -13         | -36.32      |
| 2                                                   | 5640        | 41.92         | -62.82                | 7.02                   | -55.80               | -13         | -42.80      |
| 3                                                   | 7520        | 36.00         | -66.62                | 4.53                   | -62.09               | -13         | -49.09      |
| 4                                                   | 9400        | 37.55         | -64.32                | 4.21                   | -60.12               | -13         | -47.12      |
| 5                                                   | 11280       | 40.22         | -61.27                | 3.48                   | -57.79               | -13         | -44.79      |
| 6                                                   | 13160       | 41.30         | -59.31                | 4.06                   | -55.24               | -13         | -42.24      |
| 7                                                   | 15040       | 42.96         | -54.39                | 3.70                   | -50.69               | -13         | -37.69      |
| 8                                                   | 16920       | 45.38         | -51.97                | 3.70                   | -48.27               | -13         | -35.27      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 42.02         | -62.13                | 7.68                   | -54.45               | -13         | -41.45      |
| 2                                                   | 5640        | 41.43         | -63.31                | 7.02                   | -56.29               | -13         | -43.29      |
| 3                                                   | 7520        | 35.48         | -67.14                | 4.53                   | -62.61               | -13         | -49.61      |
| 4                                                   | 9400        | 38.39         | -63.48                | 4.21                   | -59.28               | -13         | -46.28      |
| 5                                                   | 11280       | 38.96         | -62.53                | 3.48                   | -59.05               | -13         | -46.05      |
| 6                                                   | 13160       | 38.16         | -62.86                | 4.48                   | -58.38               | -13         | -45.38      |
| 7                                                   | 15040       | 41.77         | -55.64                | 3.76                   | -51.88               | -13         | -38.88      |
| 8                                                   | 16920       | 43.79         | -53.56                | 3.70                   | -49.86               | -13         | -36.86      |

### Remarks:

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

## LTE Bnad 2: 20 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 18900 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 47.18         | -56.97                | 7.68                   | -49.29               | -13         | -36.29      |
| 2                                                   | 5640        | 42.11         | -62.63                | 7.02                   | -55.61               | -13         | -42.61      |
| 3                                                   | 7520        | 36.55         | -66.07                | 4.53                   | -61.54               | -13         | -48.54      |
| 4                                                   | 9400        | 38.35         | -63.52                | 4.21                   | -59.32               | -13         | -46.32      |
| 5                                                   | 11280       | 39.78         | -61.71                | 3.48                   | -58.23               | -13         | -45.23      |
| 6                                                   | 13160       | 43.05         | -57.56                | 4.06                   | -53.49               | -13         | -40.49      |
| 7                                                   | 15040       | 43.92         | -53.43                | 3.70                   | -49.73               | -13         | -36.73      |
| 8                                                   | 16920       | 44.25         | -53.10                | 3.70                   | -49.40               | -13         | -36.40      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3760        | 40.59         | -63.56                | 7.68                   | -55.88               | -13         | -42.88      |
| 2                                                   | 5640        | 40.28         | -64.46                | 7.02                   | -57.44               | -13         | -44.44      |
| 3                                                   | 7520        | 37.08         | -65.54                | 4.53                   | -61.01               | -13         | -48.01      |
| 4                                                   | 9400        | 38.73         | -63.14                | 4.21                   | -58.94               | -13         | -45.94      |
| 5                                                   | 11280       | 38.72         | -62.77                | 3.48                   | -59.29               | -13         | -46.29      |
| 6                                                   | 13160       | 39.20         | -61.82                | 4.48                   | -57.34               | -13         | -44.34      |
| 7                                                   | 15040       | 41.83         | -55.58                | 3.76                   | -51.82               | -13         | -38.82      |
| 8                                                   | 16920       | 42.86         | -54.49                | 3.70                   | -50.79               | -13         | -37.79      |

### Remarks:

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

# LTE Bnad 25: 1.4 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 26365 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 47.17         | -56.98                | 7.68                   | -49.30               | -13         | -36.30      |
| 2                                                   | 5647.5      | 43.18         | -61.56                | 7.02                   | -54.54               | -13         | -41.54      |
| 3                                                   | 7530        | 36.53         | -66.09                | 4.53                   | -61.56               | -13         | -48.56      |
| 4                                                   | 9412.5      | 37.40         | -64.47                | 4.21                   | -60.27               | -13         | -47.27      |
| 5                                                   | 11295       | 40.37         | -61.12                | 3.48                   | -57.64               | -13         | -44.64      |
| 6                                                   | 13177.5     | 42.14         | -58.47                | 4.06                   | -54.40               | -13         | -41.40      |
| 7                                                   | 15060       | 43.50         | -53.85                | 3.70                   | -50.15               | -13         | -37.15      |
| 8                                                   | 16942.5     | 44.25         | -53.10                | 3.70                   | -49.40               | -13         | -36.40      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 40.38         | -63.77                | 7.68                   | -56.09               | -13         | -43.09      |
| 2                                                   | 5647.5      | 40.49         | -64.25                | 7.02                   | -57.23               | -13         | -44.23      |
| 3                                                   | 7530        | 36.08         | -66.53                | 4.52                   | -62.01               | -13         | -49.01      |
| 4                                                   | 9412.5      | 38.63         | -63.24                | 4.21                   | -59.04               | -13         | -46.04      |
| 5                                                   | 11295       | 38.28         | -63.23                | 3.50                   | -59.73               | -13         | -46.73      |
| 6                                                   | 13177.5     | 39.18         | -61.85                | 4.48                   | -57.36               | -13         | -44.36      |
| 7                                                   | 15060       | 42.99         | -54.45                | 3.79                   | -50.66               | -13         | -37.66      |
| 8                                                   | 16942.5     | 42.88         | -54.47                | 3.70                   | -50.77               | -13         | -37.77      |

## Remarks:

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

# LTE Bnad 25: 3 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 26365 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 46.51         | -57.64                | 7.68                   | -49.96               | -13         | -36.96      |
| 2                                                   | 5647.5      | 41.80         | -62.94                | 7.02                   | -55.92               | -13         | -42.92      |
| 3                                                   | 7530        | 36.73         | -65.89                | 4.53                   | -61.36               | -13         | -48.36      |
| 4                                                   | 9412.5      | 38.12         | -63.75                | 4.21                   | -59.55               | -13         | -46.55      |
| 5                                                   | 11295       | 38.63         | -62.86                | 3.48                   | -59.38               | -13         | -46.38      |
| 6                                                   | 13177.5     | 42.44         | -58.17                | 4.06                   | -54.10               | -13         | -41.10      |
| 7                                                   | 15060       | 42.79         | -54.56                | 3.70                   | -50.86               | -13         | -37.86      |
| 8                                                   | 16942.5     | 43.59         | -53.76                | 3.70                   | -50.06               | -13         | -37.06      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 40.97         | -63.18                | 7.68                   | -55.50               | -13         | -42.50      |
| 2                                                   | 5647.5      | 41.04         | -63.70                | 7.02                   | -56.68               | -13         | -43.68      |
| 3                                                   | 7530        | 35.80         | -66.81                | 4.52                   | -62.29               | -13         | -49.29      |
| 4                                                   | 9412.5      | 39.11         | -62.76                | 4.21                   | -58.56               | -13         | -45.56      |
| 5                                                   | 11295       | 38.11         | -63.40                | 3.50                   | -59.90               | -13         | -46.90      |
| 6                                                   | 13177.5     | 39.03         | -62.00                | 4.48                   | -57.51               | -13         | -44.51      |
| 7                                                   | 15060       | 41.93         | -55.51                | 3.79                   | -51.72               | -13         | -38.72      |
| 8                                                   | 16942.5     | 43.97         | -53.38                | 3.70                   | -49.68               | -13         | -36.68      |

## Remarks:

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

# LTE Bnad 25: 5 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 26365 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 46.10         | -58.05                | 7.68                   | -50.37               | -13         | -37.37      |
| 2                                                   | 5647.5      | 41.47         | -63.27                | 7.02                   | -56.25               | -13         | -43.25      |
| 3                                                   | 7530        | 37.26         | -65.36                | 4.53                   | -60.83               | -13         | -47.83      |
| 4                                                   | 9412.5      | 38.36         | -63.51                | 4.21                   | -59.31               | -13         | -46.31      |
| 5                                                   | 11295       | 40.08         | -61.41                | 3.48                   | -57.93               | -13         | -44.93      |
| 6                                                   | 13177.5     | 41.77         | -58.84                | 4.06                   | -54.77               | -13         | -41.77      |
| 7                                                   | 15060       | 43.74         | -53.61                | 3.70                   | -49.91               | -13         | -36.91      |
| 8                                                   | 16942.5     | 44.94         | -52.41                | 3.70                   | -48.71               | -13         | -35.71      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 41.96         | -62.19                | 7.68                   | -54.51               | -13         | -41.51      |
| 2                                                   | 5647.5      | 39.83         | -64.91                | 7.02                   | -57.89               | -13         | -44.89      |
| 3                                                   | 7530        | 37.04         | -65.57                | 4.52                   | -61.05               | -13         | -48.05      |
| 4                                                   | 9412.5      | 38.60         | -63.27                | 4.21                   | -59.07               | -13         | -46.07      |
| 5                                                   | 11295       | 37.57         | -63.94                | 3.50                   | -60.44               | -13         | -47.44      |
| 6                                                   | 13177.5     | 39.30         | -61.73                | 4.48                   | -57.24               | -13         | -44.24      |
| 7                                                   | 15060       | 41.23         | -56.21                | 3.79                   | -52.42               | -13         | -39.42      |
| 8                                                   | 16942.5     | 42.48         | -54.87                | 3.70                   | -51.17               | -13         | -38.17      |

## Remarks:

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

# LTE Bnad 25: 10 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 26365 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 46.66         | -57.49                | 7.68                   | -49.81               | -13         | -36.81      |
| 2                                                   | 5647.5      | 43.35         | -61.39                | 7.02                   | -54.37               | -13         | -41.37      |
| 3                                                   | 7530        | 35.83         | -66.79                | 4.53                   | -62.26               | -13         | -49.26      |
| 4                                                   | 9412.5      | 38.29         | -63.58                | 4.21                   | -59.38               | -13         | -46.38      |
| 5                                                   | 11295       | 40.36         | -61.13                | 3.48                   | -57.65               | -13         | -44.65      |
| 6                                                   | 13177.5     | 42.64         | -57.97                | 4.06                   | -53.90               | -13         | -40.90      |
| 7                                                   | 15060       | 42.12         | -55.23                | 3.70                   | -51.53               | -13         | -38.53      |
| 8                                                   | 16942.5     | 44.02         | -53.33                | 3.70                   | -49.63               | -13         | -36.63      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 40.68         | -63.47                | 7.68                   | -55.79               | -13         | -42.79      |
| 2                                                   | 5647.5      | 39.73         | -65.01                | 7.02                   | -57.99               | -13         | -44.99      |
| 3                                                   | 7530        | 36.49         | -66.12                | 4.52                   | -61.60               | -13         | -48.60      |
| 4                                                   | 9412.5      | 38.29         | -63.58                | 4.21                   | -59.38               | -13         | -46.38      |
| 5                                                   | 11295       | 38.58         | -62.93                | 3.50                   | -59.43               | -13         | -46.43      |
| 6                                                   | 13177.5     | 38.46         | -62.57                | 4.48                   | -58.08               | -13         | -45.08      |
| 7                                                   | 15060       | 41.89         | -55.55                | 3.79                   | -51.76               | -13         | -38.76      |
| 8                                                   | 16942.5     | 43.82         | -53.53                | 3.70                   | -49.83               | -13         | -36.83      |

## Remarks:

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

# LTE Bnad 25: 15 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 26365 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 46.53         | -57.62                | 7.68                   | -49.94               | -13         | -36.94      |
| 2                                                   | 5647.5      | 42.46         | -62.28                | 7.02                   | -55.26               | -13         | -42.26      |
| 3                                                   | 7530        | 36.35         | -66.27                | 4.53                   | -61.74               | -13         | -48.74      |
| 4                                                   | 9412.5      | 38.05         | -63.82                | 4.21                   | -59.62               | -13         | -46.62      |
| 5                                                   | 11295       | 39.37         | -62.12                | 3.48                   | -58.64               | -13         | -45.64      |
| 6                                                   | 13177.5     | 42.23         | -58.38                | 4.06                   | -54.31               | -13         | -41.31      |
| 7                                                   | 15060       | 42.01         | -55.34                | 3.70                   | -51.64               | -13         | -38.64      |
| 8                                                   | 16942.5     | 44.30         | -53.05                | 3.70                   | -49.35               | -13         | -36.35      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 41.36         | -62.79                | 7.68                   | -55.11               | -13         | -42.11      |
| 2                                                   | 5647.5      | 40.70         | -64.04                | 7.02                   | -57.02               | -13         | -44.02      |
| 3                                                   | 7530        | 35.53         | -67.08                | 4.52                   | -62.56               | -13         | -49.56      |
| 4                                                   | 9412.5      | 37.51         | -64.36                | 4.21                   | -60.16               | -13         | -47.16      |
| 5                                                   | 11295       | 38.06         | -63.45                | 3.50                   | -59.95               | -13         | -46.95      |
| 6                                                   | 13177.5     | 38.14         | -62.89                | 4.48                   | -58.40               | -13         | -45.40      |
| 7                                                   | 15060       | 42.08         | -55.36                | 3.79                   | -51.57               | -13         | -38.57      |
| 8                                                   | 16942.5     | 42.92         | -54.43                | 3.70                   | -50.73               | -13         | -37.73      |

## Remarks:

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

# LTE Bnad 25: 20 MHz

|      |                  |                 |               |
|------|------------------|-----------------|---------------|
| Mode | TX channel 26365 | Frequency Range | Above 1000MHz |
|------|------------------|-----------------|---------------|

| Antenna Polarity & Test Distance: Horizontal at 3 M |             |               |                       |                        |                      |             |             |
|-----------------------------------------------------|-------------|---------------|-----------------------|------------------------|----------------------|-------------|-------------|
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 46.19         | -57.96                | 7.68                   | -50.28               | -13         | -37.28      |
| 2                                                   | 5647.5      | 42.74         | -62.00                | 7.02                   | -54.98               | -13         | -41.98      |
| 3                                                   | 7530        | 35.92         | -66.70                | 4.53                   | -62.17               | -13         | -49.17      |
| 4                                                   | 9412.5      | 38.16         | -63.71                | 4.21                   | -59.51               | -13         | -46.51      |
| 5                                                   | 11295       | 38.79         | -62.70                | 3.48                   | -59.22               | -13         | -46.22      |
| 6                                                   | 13177.5     | 41.89         | -58.72                | 4.06                   | -54.65               | -13         | -41.65      |
| 7                                                   | 15060       | 43.89         | -53.46                | 3.70                   | -49.76               | -13         | -36.76      |
| 8                                                   | 16942.5     | 43.95         | -53.40                | 3.70                   | -49.70               | -13         | -36.70      |
| Antenna Polarity & Test Distance: Vertical at 3 M   |             |               |                       |                        |                      |             |             |
| No.                                                 | Freq. (MHz) | Reading (dBm) | S.G Power Value (dBm) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1                                                   | 3765        | 41.86         | -62.29                | 7.68                   | -54.61               | -13         | -41.61      |
| 2                                                   | 5647.5      | 40.31         | -64.43                | 7.02                   | -57.41               | -13         | -44.41      |
| 3                                                   | 7530        | 36.04         | -66.57                | 4.52                   | -62.05               | -13         | -49.05      |
| 4                                                   | 9412.5      | 38.57         | -63.30                | 4.21                   | -59.10               | -13         | -46.10      |
| 5                                                   | 11295       | 38.07         | -63.44                | 3.50                   | -59.94               | -13         | -46.94      |
| 6                                                   | 13177.5     | 37.80         | -63.23                | 4.48                   | -58.74               | -13         | -45.74      |
| 7                                                   | 15060       | 41.30         | -56.14                | 3.79                   | -52.35               | -13         | -39.35      |
| 8                                                   | 16942.5     | 44.00         | -53.35                | 3.70                   | -49.65               | -13         | -36.65      |

## Remarks:

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

## 5 Pictures of Test Arrangements

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

## Appendix – Information on 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 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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