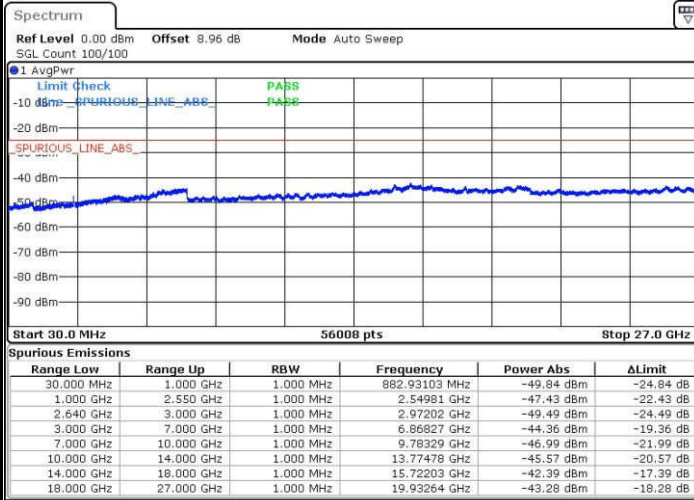




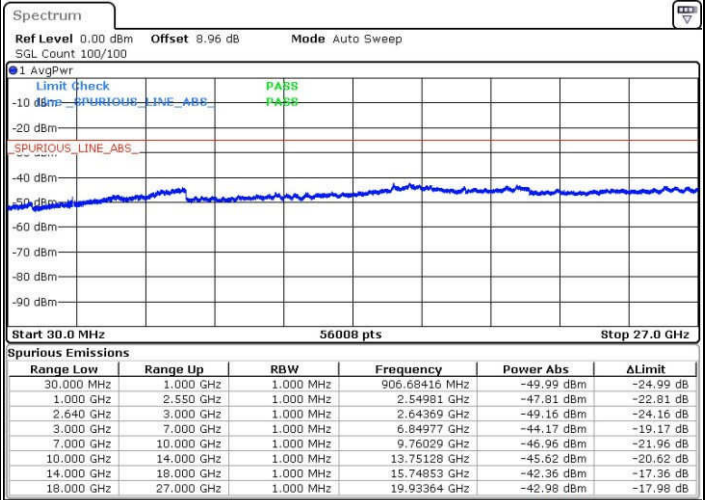
## LTE Band 38 / 20MHz

## Middle Channel / QPSK



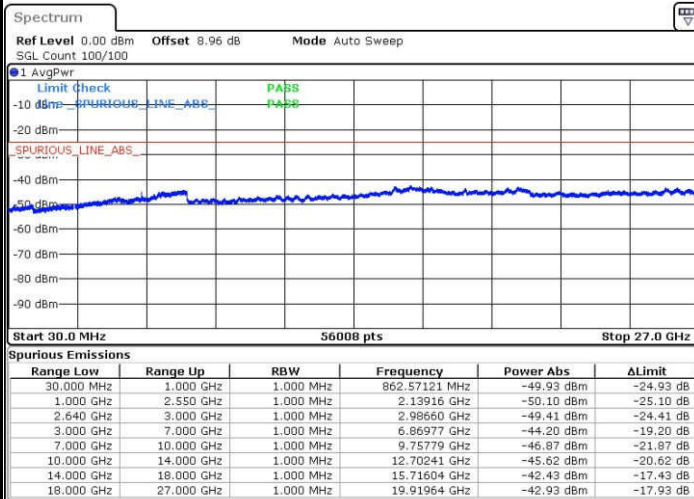
Date: 23 JAN 2017 04:45:20

## Middle Channel / 16QAM



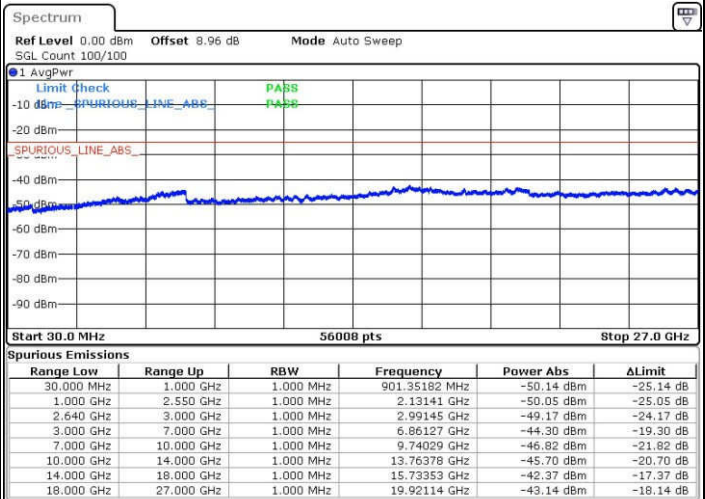
Date: 23 JAN 2017 04:44:20

## Highest Channel / QPSK



Date: 23 JAN 2017 04:46:21

## Highest Channel / 16QAM



Date: 23 JAN 2017 04:47:14

## Frequency Stability

| Test Conditions  |                   | LTE Band 2 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0037                             | PASS    |
| 40               | Normal Voltage    | 0.0003                             |         |
| 30               | Normal Voltage    | 0.0023                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0004                             |         |
| 0                | Normal Voltage    | 0.0006                             |         |
| -10              | Normal Voltage    | 0.0027                             |         |
| -20              | Normal Voltage    | 0.0034                             |         |
| -30              | Normal Voltage    | 0.0012                             |         |
| 20               | Maximum Voltage   | 0.0009                             |         |
| 20               | Normal Voltage    | 0.0024                             |         |
| 20               | Battery End Point | 0.0007                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions     |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0029                             | PASS    |
| 40                  | Normal Voltage    | 0.0014                             |         |
| 30                  | Normal Voltage    | 0.0008                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0009                             |         |
| 0                   | Normal Voltage    | 0.0025                             |         |
| -10                 | Normal Voltage    | 0.0032                             |         |
| -20                 | Normal Voltage    | 0.0004                             |         |
| -30                 | Normal Voltage    | 0.0007                             |         |
| 20                  | Maximum Voltage   | 0.0031                             |         |
| 20                  | Normal Voltage    | 0.0023                             |         |
| 20                  | Battery End Point | 0.0002                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0024                             | PASS    |
| 40                  | Normal Voltage    | 0.0002                             |         |
| 30                  | Normal Voltage    | 0.0006                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0004                             |         |
| 0                   | Normal Voltage    | 0.0022                             |         |
| -10                 | Normal Voltage    | 0.0001                             |         |
| -20                 | Normal Voltage    | 0.0003                             |         |
| -30                 | Normal Voltage    | 0.0006                             |         |
| 20                  | Maximum Voltage   | 0.0000                             |         |
| 20                  | Normal Voltage    | 0.0019                             |         |
| 20                  | Battery End Point | 0.0003                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions     |                   | LTE Band 12 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0010                              | PASS    |
| 40                  | Normal Voltage    | 0.0107                              |         |
| 30                  | Normal Voltage    | 0.0017                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0052                              |         |
| 0                   | Normal Voltage    | 0.0062                              |         |
| -10                 | Normal Voltage    | 0.0027                              |         |
| -20                 | Normal Voltage    | 0.0006                              |         |
| -30                 | Normal Voltage    | 0.0059                              |         |
| 20                  | Maximum Voltage   | 0.0100                              |         |
| 20                  | Normal Voltage    | 0.0004                              |         |
| 20                  | Battery End Point | 0.0058                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions  |                   | LTE Band 17 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0044                              | PASS    |
| 40               | Normal Voltage    | 0.0010                              |         |
| 30               | Normal Voltage    | 0.0018                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0023                              |         |
| 0                | Normal Voltage    | 0.0031                              |         |
| -10              | Normal Voltage    | 0.0023                              |         |
| -20              | Normal Voltage    | 0.0014                              |         |
| -30              | Normal Voltage    | 0.0041                              |         |
| 20               | Maximum Voltage   | 0.0038                              |         |
| 20               | Normal Voltage    | 0.0013                              |         |
| 20               | Battery End Point | 0.0030                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 38 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0026                              | PASS    |
| 40                  | Normal Voltage    | 0.0024                              |         |
| 30                  | Normal Voltage    | 0.0004                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0010                              |         |
| 0                   | Normal Voltage    | 0.0006                              |         |
| -10                 | Normal Voltage    | 0.0003                              |         |
| -20                 | Normal Voltage    | 0.0002                              |         |
| -30                 | Normal Voltage    | 0.0005                              |         |
| 20                  | Maximum Voltage   | 0.0005                              |         |
| 20                  | Normal Voltage    | 0.0002                              |         |
| 20                  | Battery End Point | 0.0023                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 3759                 | -55.47          | -13              | -42.47                  | -58.98                  | -60.46                   | 1.88                       | 6.87                        | H                     |
|                                                 | 5637                 | -32.12          | -13              | -19.12                  | -47.34                  | -39.42                   | 2.38                       | 9.68                        | H                     |
|                                                 | 7518                 | -54.38          | -13              | -41.38                  | -66.41                  | -63.45                   | 2.74                       | 11.81                       | H                     |
|                                                 | 3759                 | -48.34          | -13              | -35.34                  | -55.71                  | -53.33                   | 1.88                       | 6.87                        | V                     |
|                                                 | 5637                 | -32.81          | -13              | -19.81                  | -49                     | -40.11                   | 2.38                       | 9.68                        | V                     |
|                                                 | 7518                 | -62.77          | -13              | -49.77                  | -73.48                  | -71.84                   | 2.74                       | 11.81                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3756                 | -54.39          | -13              | -41.39                  | -57.98                  | -59.38                   | 1.88                       | 6.87                        | H                     |
|                                               | 5637                 | -32.53          | -13              | -19.53                  | -47.68                  | -39.83                   | 2.38                       | 9.68                        | H                     |
|                                               | 7515                 | -55.37          | -13              | -42.37                  | -67.40                  | -64.44                   | 2.74                       | 11.81                       | H                     |
|                                               | 3756                 | -49.68          | -13              | -36.68                  | -56.38                  | -54.67                   | 1.88                       | 6.87                        | V                     |
|                                               | 5637                 | -33.50          | -13              | -20.50                  | -49.66                  | -40.80                   | 2.38                       | 9.68                        | V                     |
|                                               | 7515                 | -63.16          | -13              | -50.16                  | -73.87                  | -72.23                   | 2.74                       | 11.81                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3756                 | -55.27          | -13              | -42.27                  | -58.78                  | -60.26                   | 1.88                       | 6.87                        | H                     |
|                                               | 5634                 | -33.34          | -13              | -20.34                  | -48.35                  | -40.64                   | 2.38                       | 9.68                        | H                     |
|                                               | 7512                 | -56.56          | -13              | -43.56                  | -68.59                  | -65.63                   | 2.74                       | 11.81                       | H                     |
|                                               | 3756                 | -52.89          | -13              | -39.89                  | -57.69                  | -57.88                   | 1.88                       | 6.87                        | V                     |
|                                               | 5634                 | -31.88          | -13              | -18.88                  | -48.22                  | -39.18                   | 2.38                       | 9.68                        | V                     |
|                                               | 7512                 | -61.73          | -13              | -48.73                  | -72.44                  | -70.80                   | 2.74                       | 11.81                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3750                 | -59.24          | -13              | -46.24                  | -62.75                  | -64.23                   | 1.88                       | 6.87                        | H                     |
|                                                | 5625                 | -37.23          | -13              | -24.23                  | -51.76                  | -44.53                   | 2.38                       | 9.68                        | H                     |
|                                                | 7503                 | -56.58          | -13              | -43.58                  | -68.61                  | -65.65                   | 2.74                       | 11.81                       | H                     |
|                                                | 3750                 | -57.35          | -13              | -44.35                  | -61.14                  | -62.34                   | 1.88                       | 6.87                        | V                     |
|                                                | 5625                 | -35.39          | -13              | -22.39                  | -51.06                  | -42.69                   | 2.38                       | 9.68                        | V                     |
|                                                | 7503                 | -62.51          | -13              | -49.51                  | -73.22                  | -71.58                   | 2.74                       | 11.81                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3747                 | -58.47          | -13              | -45.47                  | -61.98                  | -63.46                   | 1.88                       | 6.87                        | H                     |
|                                                | 5619                 | -35.38          | -13              | -22.38                  | -50.12                  | -42.68                   | 2.38                       | 9.68                        | H                     |
|                                                | 7494                 | -55.99          | -13              | -42.99                  | -68.02                  | -65.06                   | 2.74                       | 11.81                       | H                     |
|                                                | 3747                 | -57.90          | -13              | -44.90                  | -61.69                  | -62.89                   | 1.88                       | 6.87                        | V                     |
|                                                | 5619                 | -33.11          | -13              | -20.11                  | -49.27                  | -40.41                   | 2.38                       | 9.68                        | V                     |
|                                                | 7494                 | -61.21          | -13              | -48.21                  | -71.92                  | -70.28                   | 2.74                       | 11.81                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3741                 | -56.12          | -13              | -43.12                  | -59.63                  | -61.11                   | 1.88                       | 6.87                        | H                     |
|                                                | 5613                 | -36.51          | -13              | -23.51                  | -51.18                  | -43.81                   | 2.38                       | 9.68                        | H                     |
|                                                | 7485                 | -56.11          | -13              | -43.11                  | -68.14                  | -65.18                   | 2.74                       | 11.81                       | H                     |
|                                                | 3741                 | -59.90          | -13              | -46.90                  | -63.69                  | -64.89                   | 1.88                       | 6.87                        | V                     |
|                                                | 5613                 | -33.98          | -13              | -20.98                  | -50.14                  | -41.28                   | 2.38                       | 9.68                        | V                     |
|                                                | 7485                 | -62.75          | -13              | -49.75                  | -73.46                  | -71.82                   | 2.74                       | 11.81                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 3465                 | -49.14          | -13              | -36.14                  | -55.93                  | -54.03                   | 1.81                       | 6.70                        | H                     |
|                                                 | 5196                 | -44.48          | -13              | -31.48                  | -57.16                  | -51.38                   | 2.23                       | 9.13                        | H                     |
|                                                 | 6927                 | -45.03          | -13              | -32.03                  | -60.21                  | -53.09                   | 2.60                       | 10.66                       | H                     |
|                                                 | 8661                 | -51.20          | -13              | -38.20                  | -70.53                  | -61.10                   | 2.96                       | 12.86                       | H                     |
|                                                 | 3465                 | -58.57          | -13              | -45.57                  | -63.77                  | -63.46                   | 1.81                       | 6.70                        | V                     |
|                                                 | 5196                 | -38.12          | -13              | -25.12                  | -52.55                  | -45.02                   | 2.23                       | 9.13                        | V                     |
|                                                 | 6927                 | -59.09          | -13              | -46.09                  | -74.14                  | -67.15                   | 2.6                        | 10.66                       | V                     |
|                                                 | 8661                 | -54.83          | -13              | -41.83                  | -72.93                  | -64.73                   | 2.96                       | 12.86                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3462                 | -46.27          | -13              | -33.27                  | -53.21                  | -51.16                   | 1.81                       | 6.70                        | H                     |
|                                               | 5193                 | -43.07          | -13              | -30.07                  | -55.75                  | -49.97                   | 2.23                       | 9.13                        | H                     |
|                                               | 6924                 | -48.76          | -13              | -35.76                  | -63.94                  | -56.82                   | 2.60                       | 10.66                       | H                     |
|                                               | 8655                 | -49.09          | -13              | -36.09                  | -68.42                  | -58.99                   | 2.96                       | 12.86                       | H                     |
|                                               | 3462                 | -56.08          | -13              | -43.08                  | -61.28                  | -60.97                   | 1.81                       | 6.70                        | V                     |
|                                               | 5193                 | -36.71          | -13              | -23.71                  | -51.14                  | -43.61                   | 2.23                       | 9.13                        | V                     |
|                                               | 6924                 | -54.90          | -13              | -41.90                  | -69.95                  | -62.96                   | 2.6                        | 10.66                       | V                     |
|                                               | 8655                 | -57.15          | -13              | -44.15                  | -75.25                  | -67.05                   | 2.96                       | 12.86                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 3459              | -46.90       | -13           | -33.90            | -53.71            | -51.79             | 1.81                 | 6.70                  | H                  |
|                                               | 5190              | -42.03       | -13           | -29.03            | -54.71            | -48.93             | 2.23                 | 9.13                  | H                  |
|                                               | 6921              | -47.46       | -13           | -34.46            | -62.64            | -55.52             | 2.60                 | 10.66                 | H                  |
|                                               | 8652              | -47.87       | -13           | -34.87            | -67.20            | -57.77             | 2.96                 | 12.86                 | H                  |
|                                               | 3459              | -57.41       | -13           | -44.41            | -62.61            | -62.30             | 1.81                 | 6.70                  | V                  |
|                                               | 5190              | -38.03       | -13           | -25.03            | -52.46            | -44.93             | 2.23                 | 9.13                  | V                  |
|                                               | 6921              | -55.78       | -13           | -42.78            | -70.83            | -63.84             | 2.6                  | 10.66                 | V                  |
|                                               | 8652              | -55.04       | -13           | -42.04            | -73.14            | -64.94             | 2.96                 | 12.86                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3456              | -44.67       | -13           | -31.67            | -51.98            | -49.56             | 1.81                 | 6.70                  | H                  |
|                                                | 5184              | -45.26       | -13           | -32.26            | -57.94            | -52.16             | 2.23                 | 9.13                  | H                  |
|                                                | 6912              | -47.60       | -13           | -34.60            | -62.78            | -55.66             | 2.60                 | 10.66                 | H                  |
|                                                | 8640              | -48.30       | -13           | -35.30            | -67.63            | -58.20             | 2.96                 | 12.86                 | H                  |
|                                                | 3456              | -54.40       | -13           | -41.40            | -59.6             | -59.29             | 1.81                 | 6.70                  | V                  |
|                                                | 5184              | -34.03       | -13           | -21.03            | -48.75            | -40.93             | 2.23                 | 9.13                  | V                  |
|                                                | 6912              | -58.81       | -13           | -45.81            | -73.86            | -66.87             | 2.6                  | 10.66                 | V                  |
|                                                | 8640              | -56.49       | -13           | -43.49            | -74.59            | -66.39             | 2.96                 | 12.86                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3450              | -48.36       | -13           | -35.36            | -55.15            | -53.25             | 1.81                 | 6.70                  | H                  |
|                                                | 5178              | -42.16       | -13           | -29.16            | -54.84            | -49.06             | 2.23                 | 9.13                  | H                  |
|                                                | 6903              | -44.83       | -13           | -31.83            | -60.01            | -52.89             | 2.60                 | 10.66                 | H                  |
|                                                | 8628              | -48.75       | -13           | -35.75            | -68.08            | -58.65             | 2.96                 | 12.86                 | H                  |
|                                                | 3450              | -56.72       | -13           | -43.72            | -61.92            | -61.61             | 1.81                 | 6.70                  | V                  |
|                                                | 5178              | -36.59       | -13           | -23.59            | -51.04            | -43.49             | 2.23                 | 9.13                  | V                  |
|                                                | 6903              | -59.88       | -13           | -46.88            | -74.93            | -67.94             | 2.6                  | 10.66                 | V                  |
|                                                | 8628              | -56.44       | -13           | -43.44            | -74.54            | -66.34             | 2.96                 | 12.86                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3447              | -45.89       | -13           | -32.89            | -52.92            | -50.78             | 1.81                 | 6.70                  | H                  |
|                                                | 5169              | -42.79       | -13           | -29.79            | -55.47            | -49.69             | 2.23                 | 9.13                  | H                  |
|                                                | 6894              | -43.17       | -13           | -30.17            | -58.65            | -51.23             | 2.60                 | 10.66                 | H                  |
|                                                | 8619              | -50.77       | -13           | -37.77            | -70.10            | -60.67             | 2.96                 | 12.86                 | H                  |
|                                                | 3447              | -56.19       | -13           | -43.19            | -61.39            | -61.08             | 1.81                 | 6.70                  | V                  |
|                                                | 5169              | -35.80       | -13           | -22.80            | -50.3             | -42.70             | 2.23                 | 9.13                  | V                  |
|                                                | 6894              | -59.54       | -13           | -46.54            | -74.59            | -67.60             | 2.6                  | 10.66                 | V                  |
|                                                | 8619              | -55.75       | -13           | -42.75            | -73.85            | -65.65             | 2.96                 | 12.86                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 5064              | -51.04       | -25           | -26.04            | -60.26            | -57.60             | 2.41                 | 8.97                  | H                  |
|                                               | 7600              | -47.71       | -25           | -22.71            | -61.41            | -56.71             | 2.86                 | 11.86                 | H                  |
|                                               | 10134             | -51.51       | -25           | -26.51            | -69.86            | -60.41             | 3.21                 | 12.11                 | H                  |
|                                               | 5064              | -45.34       | -25           | -20.34            | -56.52            | -51.90             | 2.41                 | 8.97                  | V                  |
|                                               | 7600              | -57.32       | -25           | -32.32            | -71.95            | -66.32             | 2.86                 | 11.86                 | V                  |
|                                               | 10134             | -57.47       | -25           | -32.47            | -76.87            | -66.37             | 3.21                 | 12.11                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 5060              | -49.36       | -25           | -24.36            | -58.58            | -55.92             | 2.41                 | 8.97                  | H                  |
|                                                | 7592              | -42.57       | -25           | -17.57            | -58.80            | -51.57             | 2.86                 | 11.86                 | H                  |
|                                                | 10125             | -55.25       | -25           | -30.25            | -73.60            | -64.15             | 3.21                 | 12.11                 | H                  |
|                                                | 5060              | -45.68       | -25           | -20.68            | -56.81            | -52.24             | 2.41                 | 8.97                  | V                  |
|                                                | 7592              | -53.65       | -25           | -28.65            | -68.28            | -62.65             | 2.86                 | 11.86                 | V                  |
|                                                | 10125             | -57.30       | -25           | -32.30            | -76.7             | -66.20             | 3.21                 | 12.11                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5056                 | -46.89          | -25              | -21.89                  | -57.03                  | -53.45                   | 2.41                       | 8.97                        | H                     |
|                                                | 7584                 | -43.74          | -25              | -18.74                  | -59.68                  | -52.74                   | 2.86                       | 11.86                       | H                     |
|                                                | 10116                | -54.42          | -25              | -29.42                  | -72.77                  | -63.32                   | 3.21                       | 12.11                       | H                     |
|                                                | 5056                 | -45.25          | -25              | -20.25                  | -56.45                  | -51.81                   | 2.41                       | 8.97                        | V                     |
|                                                | 7584                 | -52.87          | -25              | -27.87                  | -67.5                   | -61.87                   | 2.86                       | 11.86                       | V                     |
|                                                | 10116                | -55.82          | -25              | -30.82                  | -75.22                  | -64.72                   | 3.21                       | 12.11                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5052                 | -45.85          | -25              | -20.85                  | -56.24                  | -52.41                   | 2.41                       | 8.97                        | H                     |
|                                                | 7576                 | -49.26          | -25              | -24.26                  | -62.96                  | -58.26                   | 2.86                       | 11.86                       | H                     |
|                                                | 10107                | -54.55          | -25              | -29.55                  | -72.90                  | -63.45                   | 3.21                       | 12.11                       | H                     |
|                                                | 5052                 | -44.41          | -25              | -19.41                  | -55.9                   | -50.97                   | 2.41                       | 8.97                        | V                     |
|                                                | 7576                 | -56.38          | -25              | -31.38                  | -71.01                  | -65.38                   | 2.86                       | 11.86                       | V                     |
|                                                | 10107                | -57.04          | -25              | -32.04                  | -76.44                  | -65.94                   | 3.21                       | 12.11                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                          | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                           | 1414                 | -38.46         | -13              | -25.46                  | -40.00                  | -39.36                   | 1.14                       | 4.19                        | H                     |
|                                                  | 2120                 | -60.49         | -13              | -47.49                  | -59.95                  | -61.95                   | 1.4                        | 5.01                        | H                     |
|                                                  | 2828                 | -47.98         | -13              | -34.98                  | -53.05                  | -50.51                   | 1.63                       | 6.31                        | H                     |
|                                                  | 1414                 | -40.04         | -13              | -27.04                  | -40.65                  | -40.94                   | 1.14                       | 4.19                        | V                     |
|                                                  | 2120                 | -66.84         | -13              | -53.84                  | -64.96                  | -68.30                   | 1.4                        | 5.01                        | V                     |
|                                                  | 2828                 | -49.95         | -13              | -36.95                  | -57.31                  | -52.48                   | 1.63                       | 6.31                        | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1412                 | -39.42         | -13              | -26.42                  | -40.86                  | -40.32                   | 1.14                       | 4.19                        | H                     |
|                                                | 2118                 | -59.83         | -13              | -46.83                  | -59.29                  | -61.29                   | 1.4                        | 5.01                        | H                     |
|                                                | 2824                 | -49.75         | -13              | -36.75                  | -53.86                  | -52.28                   | 1.63                       | 6.31                        | H                     |
|                                                | 1412                 | -39.56         | -13              | -26.56                  | -40.16                  | -40.46                   | 1.14                       | 4.19                        | V                     |
|                                                | 2118                 | -64.87         | -13              | -51.87                  | -62.99                  | -66.33                   | 1.4                        | 5.01                        | V                     |
|                                                | 2824                 | -49.47         | -13              | -36.47                  | -57.09                  | -52.00                   | 1.63                       | 6.31                        | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1410                 | -40.39         | -13              | -27.39                  | -41.72                  | -41.29                   | 1.14                       | 4.19                        | H                     |
|                                                | 2116                 | -59.21         | -13              | -46.21                  | -58.67                  | -60.67                   | 1.4                        | 5.01                        | H                     |
|                                                | 2820                 | -54.89         | -13              | -41.89                  | -57.29                  | -57.42                   | 1.63                       | 6.31                        | H                     |
|                                                | 1410                 | -41.39         | -13              | -28.39                  | -41.79                  | -42.29                   | 1.14                       | 4.19                        | V                     |
|                                                | 2116                 | -61.62         | -13              | -48.62                  | -59.74                  | -63.08                   | 1.4                        | 5.01                        | V                     |
|                                                | 2820                 | -51.93         | -13              | -38.93                  | -58.58                  | -54.46                   | 1.63                       | 6.31                        | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 1406                 | -40.23         | -13              | -27.23                  | -41.56                  | -41.13                   | 1.14                       | 4.19                        | H                     |
|                                                 | 2108                 | -59.64         | -13              | -46.64                  | -59.10                  | -61.10                   | 1.4                        | 5.01                        | H                     |
|                                                 | 2812                 | -55.05         | -13              | -42.05                  | -57.41                  | -57.58                   | 1.63                       | 6.31                        | H                     |
|                                                 | 1406                 | -44.83         | -13              | -31.83                  | -44.7                   | -45.73                   | 1.14                       | 4.19                        | V                     |
|                                                 | 2108                 | -62.83         | -13              | -49.83                  | -60.95                  | -64.29                   | 1.4                        | 5.01                        | V                     |
|                                                 | 2812                 | -59.13         | -13              | -46.13                  | -61.25                  | -61.66                   | 1.63                       | 6.31                        | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1416                 | -37.17         | -13              | -24.17                  | -38.74                  | -38.07                   | 1.14                       | 4.19                        | H                     |
|                                                | 2122                 | -59.55         | -13              | -46.55                  | -59.01                  | -61.01                   | 1.4                        | 5.01                        | H                     |
|                                                | 2830                 | -51.19         | -13              | -38.19                  | -55.41                  | -53.72                   | 1.63                       | 6.31                        | H                     |
|                                                | 1416                 | -42.63         | -13              | -29.63                  | -42.84                  | -43.53                   | 1.14                       | 4.19                        | V                     |
|                                                | 2124                 | -65.14         | -13              | -52.14                  | -63.26                  | -66.60                   | 1.4                        | 5.01                        | V                     |
|                                                | 2830                 | -50.73         | -13              | -37.73                  | -58.03                  | -53.26                   | 1.63                       | 6.31                        | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 1410                 | -37.15         | -13              | -24.15                  | -38.72                  | -38.05                   | 1.14                       | 4.19                        | H                     |
|                                                 | 2116                 | -44.19         | -13              | -31.19                  | -49.96                  | -45.65                   | 1.4                        | 5.01                        | H                     |
|                                                 | 2822                 | -54.75         | -13              | -41.75                  | -57.11                  | -57.28                   | 1.63                       | 6.31                        | H                     |
|                                                 | 1410                 | -41.65         | -13              | -28.65                  | -42                     | -42.55                   | 1.14                       | 4.19                        | V                     |
|                                                 | 2116                 | -55.99         | -13              | -42.99                  | -56.4                   | -57.45                   | 1.4                        | 5.01                        | V                     |
|                                                 | 2822                 | -54.18         | -13              | -41.18                  | -59.83                  | -56.71                   | 1.63                       | 6.31                        | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5184                 | -52.88          | -25              | -27.88                  | -62.10                  | -59.44                   | 2.41                       | 8.97                        | H                     |
|                                                | 7780                 | -48.22          | -25              | -23.22                  | -61.92                  | -57.22                   | 2.86                       | 11.86                       | H                     |
|                                                | 10368                | -58.57          | -25              | -33.57                  | -76.92                  | -67.47                   | 3.21                       | 12.11                       | H                     |
|                                                | 5184                 | -51.34          | -25              | -26.34                  | -60.05                  | -57.90                   | 2.41                       | 8.97                        | V                     |
|                                                | 7780                 | -57.88          | -25              | -32.88                  | -72.51                  | -66.88                   | 2.86                       | 11.86                       | V                     |
|                                                | 10368                | -57.15          | -25              | -32.15                  | -76.55                  | -66.05                   | 3.21                       | 12.11                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 38 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 5180                 | -53.49          | -25              | -28.49                  | -62.71                  | -60.05                   | 2.41                       | 8.97                        | H                     |
|                                                 | 7772                 | -40.30          | -25              | -15.30                  | -57.51                  | -49.30                   | 2.86                       | 11.86                       | H                     |
|                                                 | 10359                | -57.74          | -25              | -32.74                  | -76.09                  | -66.64                   | 3.21                       | 12.11                       | H                     |
|                                                 | 5180                 | -50.30          | -25              | -25.30                  | -59.33                  | -56.86                   | 2.41                       | 8.97                        | V                     |
|                                                 | 7772                 | -55.11          | -25              | -30.11                  | -69.74                  | -64.11                   | 2.86                       | 11.86                       | V                     |
|                                                 | 10359                | -57.16          | -25              | -32.16                  | -76.56                  | -66.06                   | 3.21                       | 12.11                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 38 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 5176                 | -53.75          | -25              | -28.75                  | -62.97                  | -60.31                   | 2.41                       | 8.97                        | H                     |
|                                                 | 7764                 | -47.18          | -25              | -22.18                  | -60.88                  | -56.18                   | 2.86                       | 11.86                       | H                     |
|                                                 | 10350                | -56.91          | -25              | -31.91                  | -75.26                  | -65.81                   | 3.21                       | 12.11                       | H                     |
|                                                 | 5176                 | -51.53          | -25              | -26.53                  | -60.24                  | -58.09                   | 2.41                       | 8.97                        | V                     |
|                                                 | 7764                 | -55.87          | -25              | -30.87                  | -70.5                   | -64.87                   | 2.86                       | 11.86                       | V                     |
|                                                 | 10350                | -56.80          | -25              | -31.80                  | -76.2                   | -65.70                   | 3.21                       | 12.11                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 5172                 | -54.82          | -25              | -29.82                  | -64.04                  | -61.38                   | 2.41                       | 8.97                        | H                     |
|                                                 | 7756                 | -47.36          | -25              | -22.36                  | -61.06                  | -56.36                   | 2.86                       | 11.86                       | H                     |
|                                                 | 10341                | -57.82          | -25              | -32.82                  | -76.17                  | -66.72                   | 3.21                       | 12.11                       | H                     |
|                                                 | 5172                 | -51.32          | -25              | -26.32                  | -60.03                  | -57.88                   | 2.41                       | 8.97                        | V                     |
|                                                 | 7760                 | -57.14          | -25              | -32.14                  | -71.77                  | -66.14                   | 2.86                       | 11.86                       | V                     |
|                                                 | 10341                | -57.28          | -25              | -32.28                  | -76.68                  | -66.18                   | 3.21                       | 12.11                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.