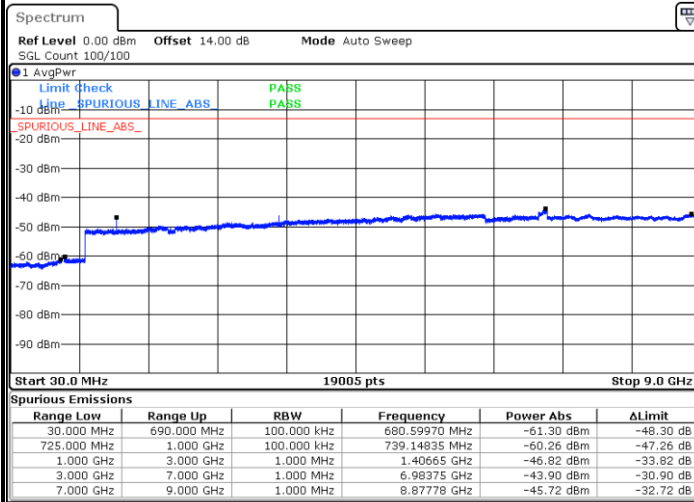




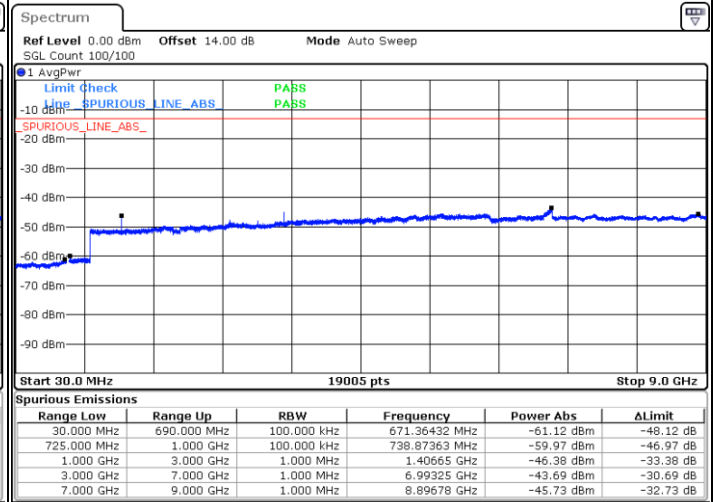
## LTE Band 12 / 10MHz

## Middle Channel / QPSK



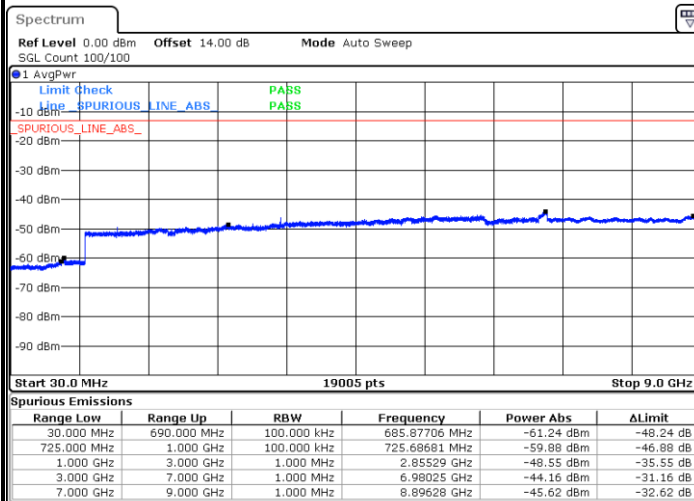
Date: 2.MAY.2019 19:33:21

## Middle Channel / 16QAM



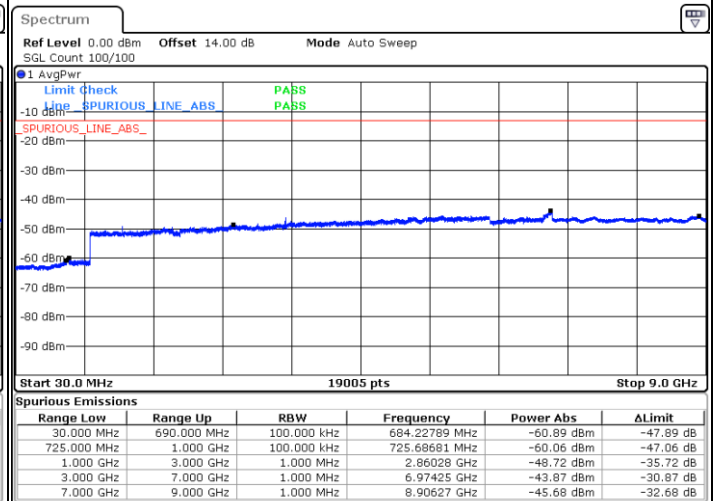
Date: 2.MAY.2019 19:34:17

## Highest Channel / QPSK



Date: 2.MAY.2019 19:40:32

## Highest Channel / 16QAM

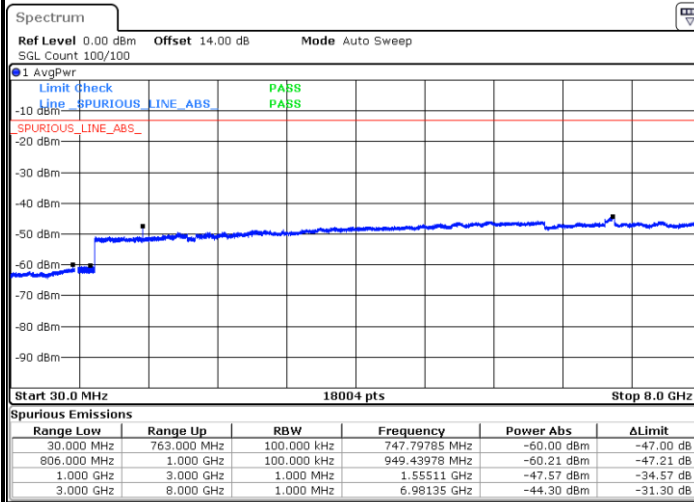


Date: 2.MAY.2019 19:41:28



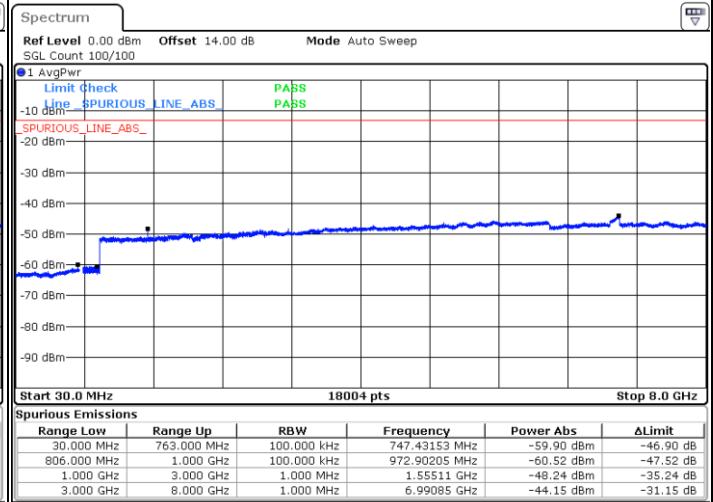
## LTE Band 13 / 5MHz

## Lowest Channel / QPSK



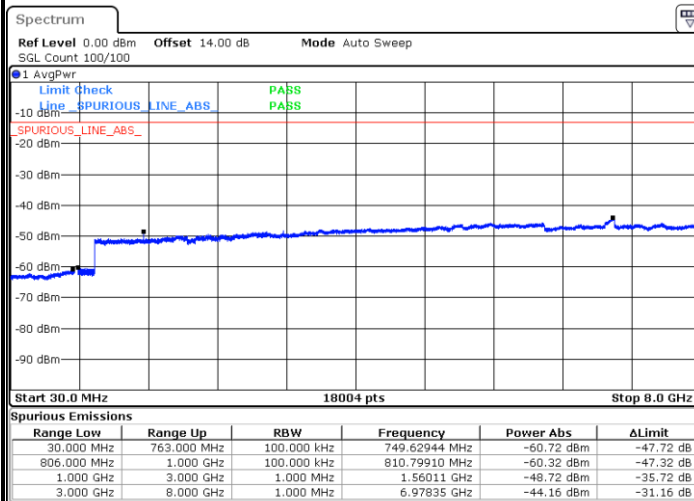
Date: 2.MAY.2019 22:22:54

## Lowest Channel / 16QAM



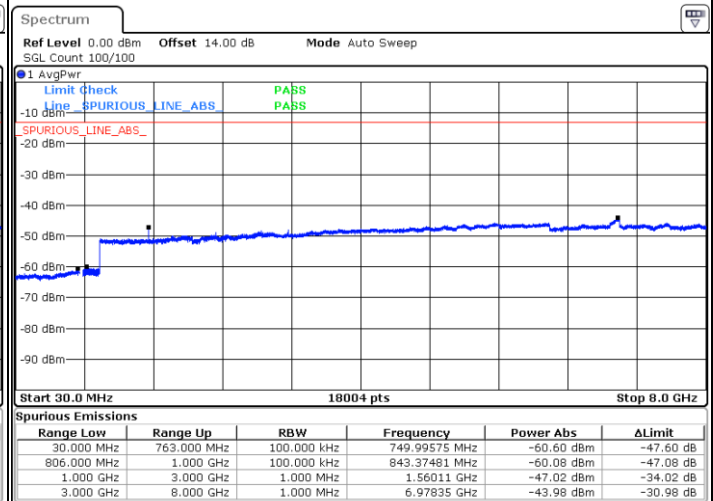
Date: 2.MAY.2019 22:23:49

## Middle Channel / QPSK



Date: 2.MAY.2019 22:25:25

## Middle Channel / 16QAM

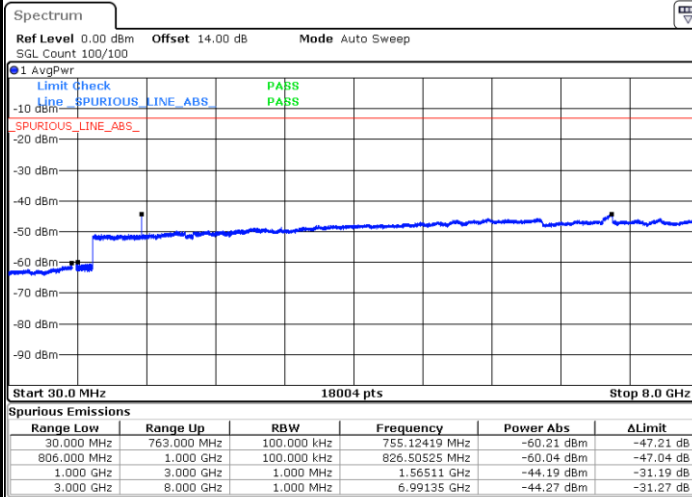


Date: 2.MAY.2019 22:26:21



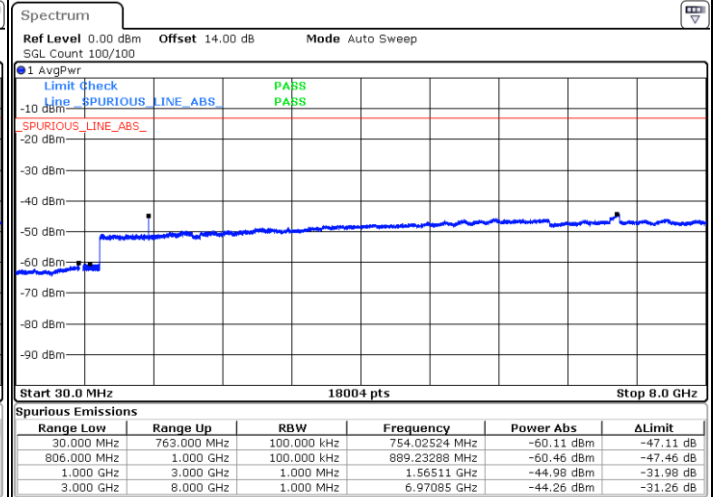
## LTE Band 13 / 5MHz

## Highest Channel / QPSK



Date: 2.MAY.2019 22:34:36

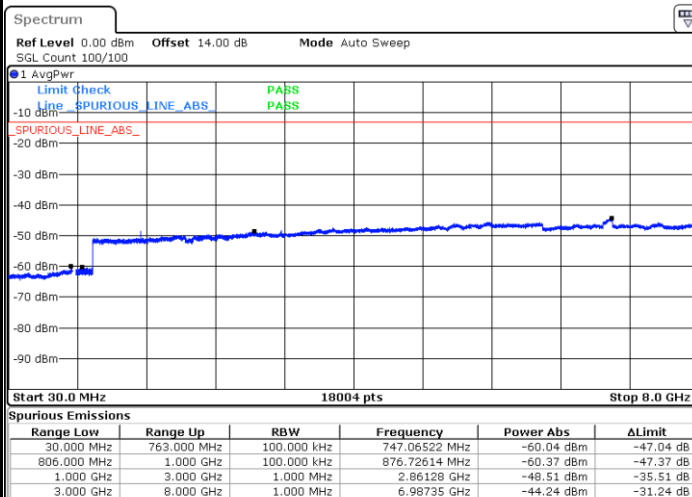
## Highest Channel / 16QAM



Date: 2.MAY.2019 22:35:31

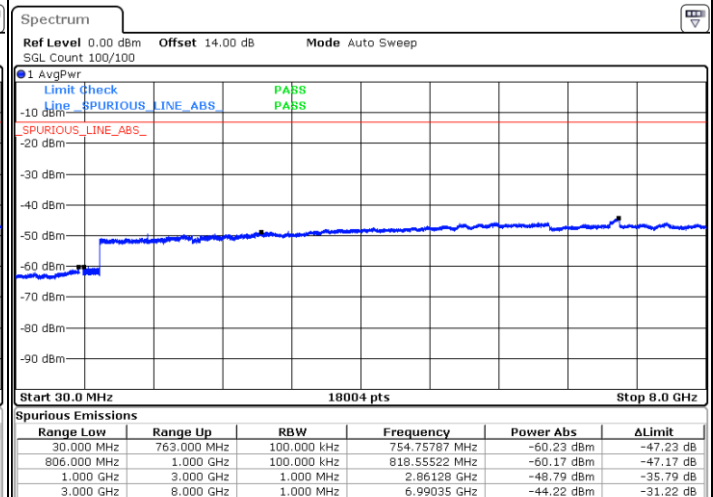
## LTE Band 13 / 10MHz

## Middle Channel / QPSK



Date: 2.MAY.2019 22:47:03

## Middle Channel / 16QAM

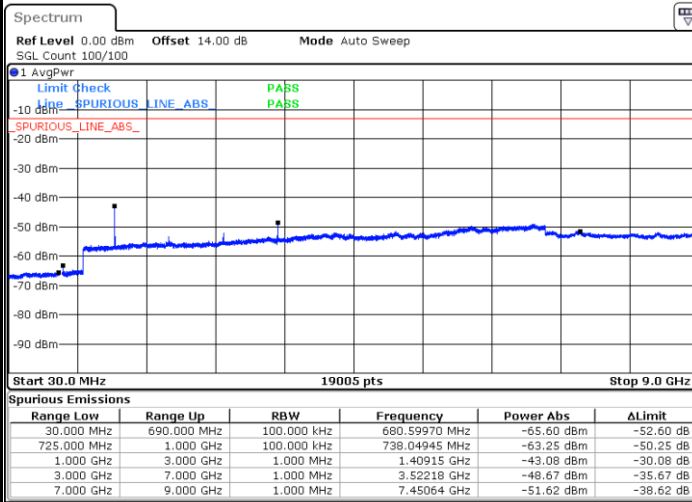


Date: 2.MAY.2019 22:47:58



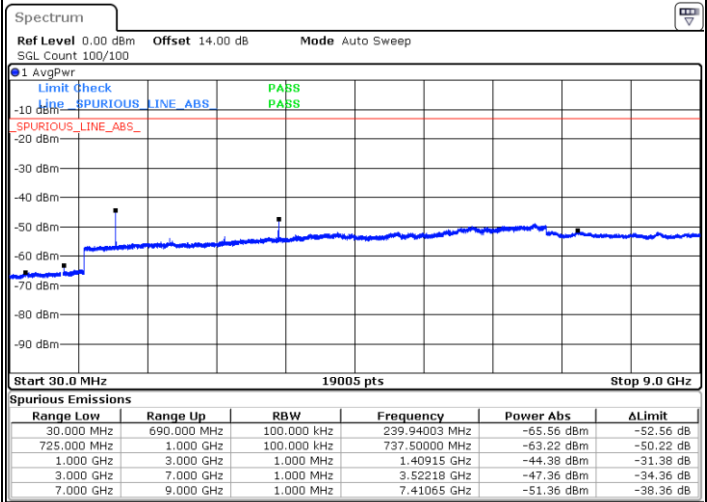
## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



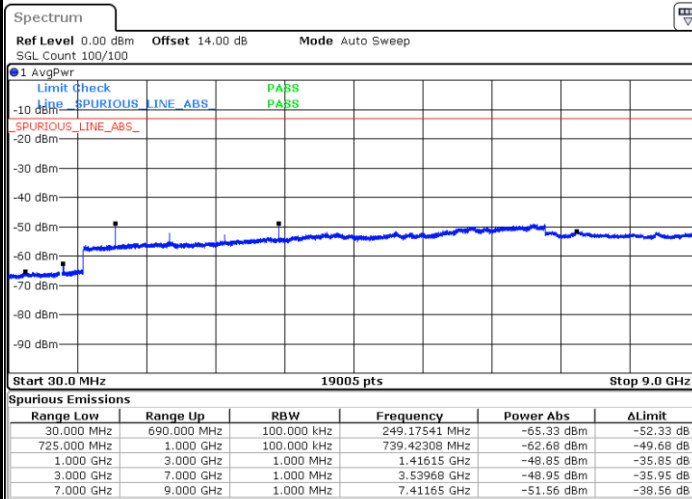
Date: 3.MAY.2019 08:37:53

## Lowest Channel / 16QAM



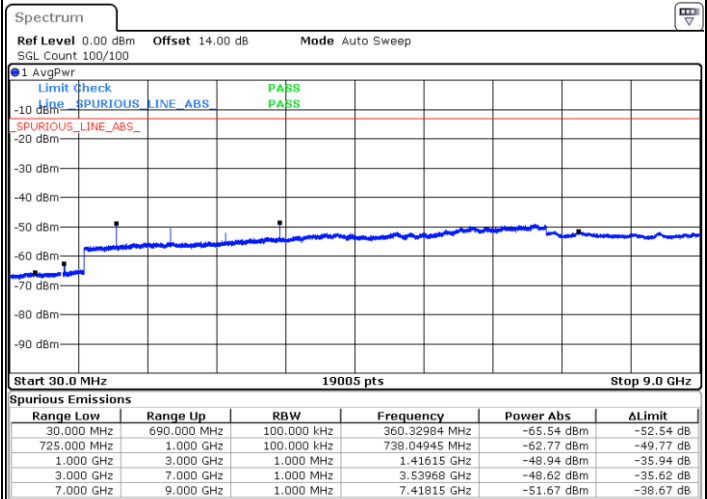
Date: 3.MAY.2019 08:38:47

## Middle Channel / QPSK



Date: 3.MAY.2019 08:40:19

## Middle Channel / 16QAM

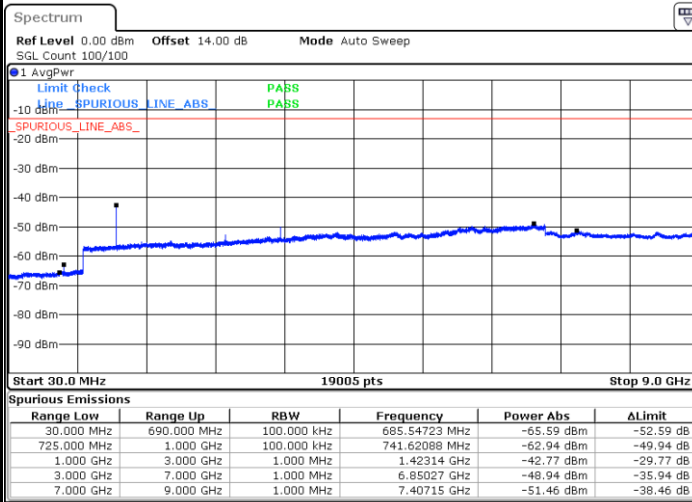


Date: 3.MAY.2019 08:41:12



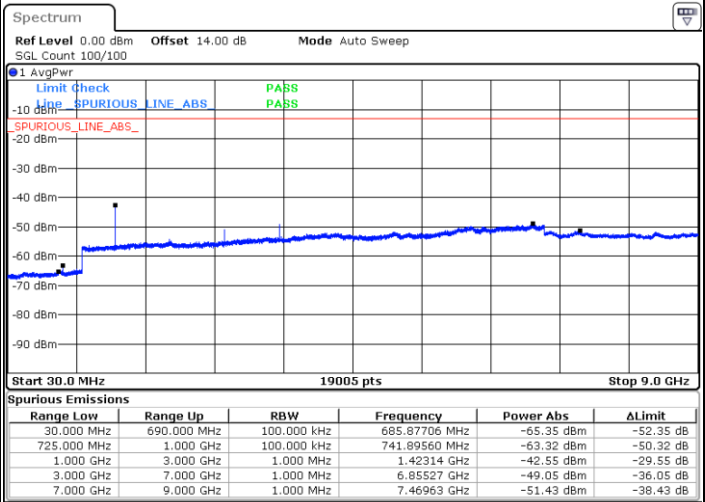
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 3 MAY 2019 08:47:16

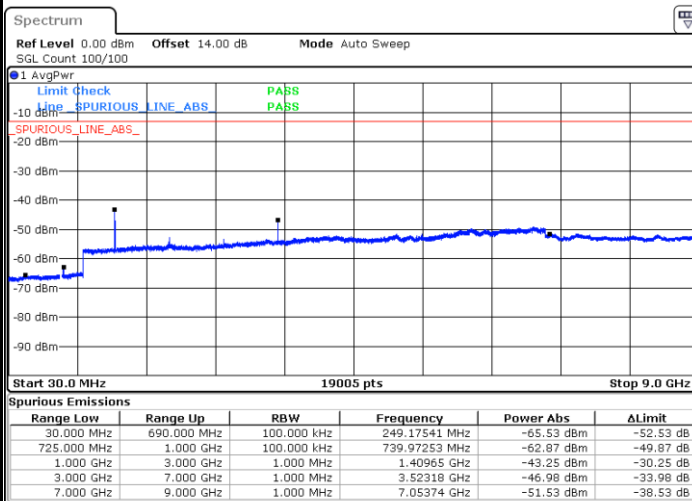
## Highest Channel / 16QAM



Date: 3 MAY 2019 08:48:09

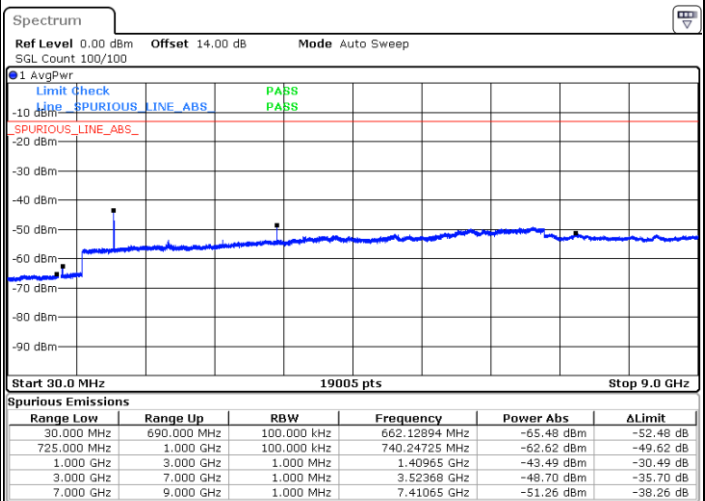
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 3 MAY 2019 09:07:20

## Lowest Channel / 16QAM

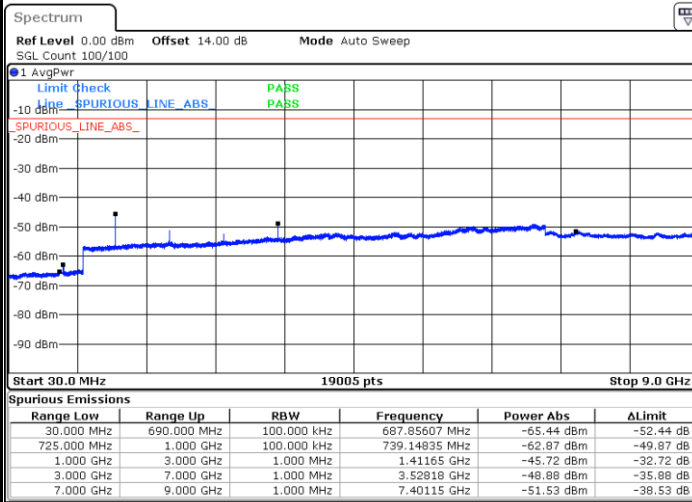


Date: 3 MAY 2019 09:07:47



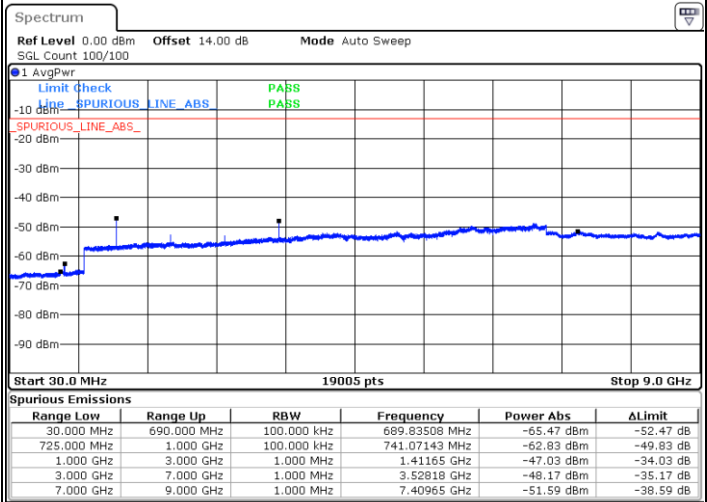
## LTE Band 17 / 10MHz

## Middle Channel / QPSK



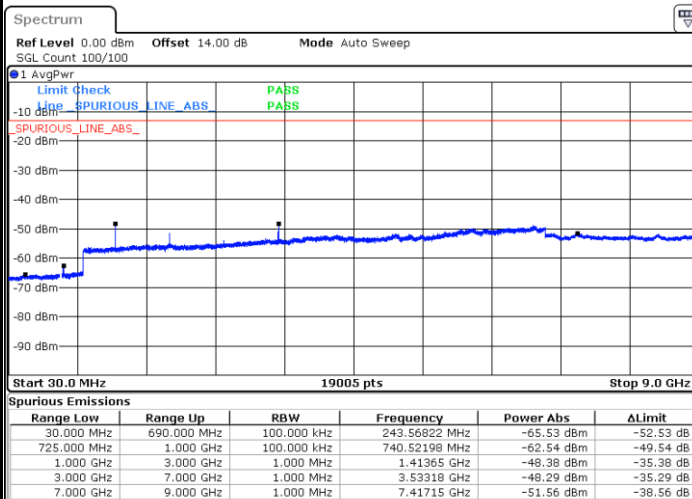
Date: 3.MAY.2019 09:08:41

## Middle Channel / 16QAM



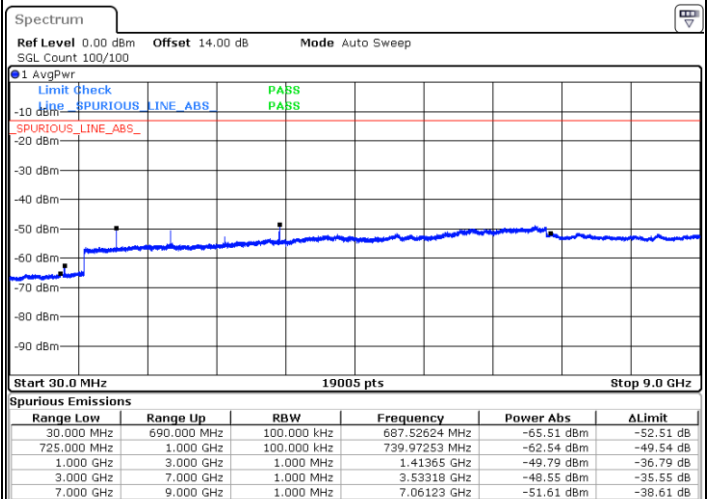
Date: 3.MAY.2019 09:08:13

## Highest Channel / QPSK



Date: 3.MAY.2019 09:09:25

## Highest Channel / 16QAM



Date: 3.MAY.2019 09:10:13

**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    | 0.0007                             | PASS    |
| 40               | Normal Voltage    | 0.0009                             |         |
| 30               | Normal Voltage    | 0.0006                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0012                             |         |
| 0                | Normal Voltage    | 0.0007                             |         |
| -10              | Normal Voltage    | 0.0010                             |         |
| -20              | Normal Voltage    | 0.0011                             |         |
| -30              | Normal Voltage    | 0.0006                             |         |
| 20               | Maximum Voltage   | 0.0001                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0002                             |         |

**Note:**

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions  |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0005                             | PASS    |
| 40               | Normal Voltage    | 0.0003                             |         |
| 30               | Normal Voltage    | 0.0001                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0002                             |         |
| 0                | Normal Voltage    | 0.0000                             |         |
| -10              | Normal Voltage    | 0.0003                             |         |
| -20              | Normal Voltage    | 0.0001                             |         |
| -30              | Normal Voltage    | 0.0001                             |         |
| 20               | Maximum Voltage   | 0.0001                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0001                             |         |

**Note:**

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 5 (QPSK) / Middle Channel | Limit  |
|---------------------|-------------------|------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | 2.5ppm |
|                     |                   | Deviation<br>(ppm)                 | Result |
| 50                  | Normal Voltage    | 0.0013                             | PASS   |
| 40                  | Normal Voltage    | 0.0016                             |        |
| 30                  | Normal Voltage    | 0.0013                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0006                             |        |
| 0                   | Normal Voltage    | 0.0005                             |        |
| -10                 | Normal Voltage    | 0.0018                             |        |
| -20                 | Normal Voltage    | 0.0010                             |        |
| -30                 | Normal Voltage    | 0.0016                             |        |
| 20                  | Maximum Voltage   | 0.0004                             |        |
| 20                  | Normal Voltage    | 0.0000                             |        |
| 20                  | Battery End Point | 0.0012                             |        |

**Note:** Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.4 V.



| 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    | 0.0033                              | PASS    |
| 40                  | Normal Voltage    | 0.0048                              |         |
| 30                  | Normal Voltage    | 0.0011                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0041                              |         |
| 0                   | Normal Voltage    | 0.0079                              |         |
| -10                 | Normal Voltage    | 0.0042                              |         |
| -20                 | Normal Voltage    | 0.0027                              |         |
| -30                 | Normal Voltage    | 0.0023                              |         |
| 20                  | Maximum Voltage   | 0.0000                              |         |
| 20                  | Normal Voltage    | 0.0011                              |         |
| 20                  | Battery End Point | 0.0031                              |         |

**Note:**

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions  |                   | LTE Band 13 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0019                              | PASS    |
| 40               | Normal Voltage    | 0.0015                              |         |
| 30               | Normal Voltage    | 0.0009                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0004                              |         |
| 0                | Normal Voltage    | 0.0017                              |         |
| -10              | Normal Voltage    | 0.0014                              |         |
| -20              | Normal Voltage    | 0.0001                              |         |
| -30              | Normal Voltage    | 0.0013                              |         |
| 20               | Maximum Voltage   | 0.0020                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0012                              |         |

**Note:**

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.4 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    | 0.0006                              | PASS    |
| 40               | Normal Voltage    | 0.0017                              |         |
| 30               | Normal Voltage    | 0.0014                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0007                              |         |
| 0                | Normal Voltage    | 0.0008                              |         |
| -10              | Normal Voltage    | 0.0010                              |         |
| -20              | Normal Voltage    | 0.0082                              |         |
| -30              | Normal Voltage    | 0.0018                              |         |
| 20               | Maximum Voltage   | 0.0003                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0013                              |         |

**Note:**

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.4 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 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                     | 3700.32              | -40.67          | -13              | -27.67                  | -58.46                  | -47.43                   | 5.82                       | 12.58                       | H                     |
|                            | 5550.48              | -52.86          | -13              | -39.86                  | -74.11                  | -58.58                   | 7.28                       | 13.00                       | H                     |
|                            | 7400.64              | -35.62          | -13              | -22.62                  | -61.66                  | -38.78                   | 8.32                       | 11.48                       | H                     |
|                            | 3700.32              | -42.07          | -13              | -29.07                  | -59.19                  | -48.83                   | 5.82                       | 12.58                       | V                     |
|                            | 5550.48              | -50.95          | -13              | -37.95                  | -71.44                  | -56.67                   | 7.28                       | 13.00                       | V                     |
|                            | 7400.64              | -32.14          | -13              | -19.14                  | -57.47                  | -35.30                   | 8.32                       | 11.48                       | V                     |
| Middle                     | 3758.92              | -39.73          | -13              | -26.73                  | -57.68                  | -46.48                   | 5.85                       | 12.60                       | H                     |
|                            | 5638.38              | -52.65          | -13              | -39.65                  | -73.84                  | -58.45                   | 7.30                       | 13.10                       | H                     |
|                            | 7517.84              | -34.87          | -13              | -21.87                  | -60.18                  | -38.02                   | 8.35                       | 11.50                       | H                     |
|                            | 3758.92              | -41.05          | -13              | -28.05                  | -58.23                  | -47.80                   | 5.85                       | 12.60                       | V                     |
|                            | 5638.38              | -48.78          | -13              | -35.78                  | -68.91                  | -54.58                   | 7.30                       | 13.10                       | V                     |
|                            | 7517.84              | -33.05          | -13              | -20.05                  | -57.76                  | -36.20                   | 8.35                       | 11.50                       | V                     |
| Highest                    | 3817.52              | -38.87          | -13              | -25.87                  | -57.07                  | -45.61                   | 5.88                       | 12.62                       | H                     |
|                            | 5726.28              | -52.24          | -13              | -39.24                  | -73.85                  | -58.05                   | 7.32                       | 13.13                       | H                     |
|                            | 7635.04              | -35.89          | -13              | -22.89                  | -60.69                  | -39.05                   | 8.38                       | 11.54                       | H                     |
|                            | 9549                 | -48.67          | -13              | -35.67                  | -76.34                  | -50.81                   | 9.88                       | 12.02                       | H                     |
|                            | 3817.52              | -41.28          | -13              | -28.28                  | -58.63                  | -48.02                   | 5.88                       | 12.62                       | V                     |
|                            | 5726.28              | -48.76          | -13              | -35.76                  | -69.44                  | -54.57                   | 7.32                       | 13.13                       | V                     |
|                            | 7635.04              | -33.91          | -13              | -20.91                  | -58.2                   | -37.07                   | 8.38                       | 11.54                       | V                     |
|                            | 9549                 | -46.46          | -13              | -33.46                  | -75.02                  | -48.60                   | 9.88                       | 12.02                       | V                     |

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



| LTE Band 2 / 3MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                   | 3700.48              | -44.35          | -13              | -31.35                  | -62.14                  | -51.11                   | 5.82                       | 12.58                       | H                     |
|                          | 5550.72              | -55.89          | -13              | -42.89                  | -77.14                  | -61.61                   | 7.28                       | 13.00                       | H                     |
|                          | 7400.96              | -38.41          | -13              | -25.41                  | -64.45                  | -41.57                   | 8.32                       | 11.48                       | H                     |
|                          | 3700.48              | -45.13          | -13              | -32.13                  | -62.25                  | -51.89                   | 5.82                       | 12.58                       | V                     |
|                          | 5550.72              | -53.44          | -13              | -40.44                  | -73.93                  | -59.16                   | 7.28                       | 13.00                       | V                     |
|                          | 7400.96              | -35.36          | -13              | -22.36                  | -60.69                  | -38.52                   | 8.32                       | 11.48                       | V                     |
| Middle                   | 3757.48              | -42.37          | -13              | -29.37                  | -60.32                  | -49.12                   | 5.85                       | 12.60                       | H                     |
|                          | 5636.22              | -54.96          | -13              | -41.96                  | -76.15                  | -60.76                   | 7.30                       | 13.10                       | H                     |
|                          | 7514.96              | -37.56          | -13              | -24.56                  | -62.87                  | -40.71                   | 8.35                       | 11.50                       | H                     |
|                          | 3757.48              | -43.43          | -13              | -30.43                  | -60.61                  | -50.18                   | 5.85                       | 12.60                       | V                     |
|                          | 5636.22              | -53.08          | -13              | -40.08                  | -73.21                  | -58.88                   | 7.30                       | 13.10                       | V                     |
|                          | 7514.96              | -34.58          | -13              | -21.58                  | -59.29                  | -37.73                   | 8.35                       | 11.50                       | V                     |
| Highest                  | 3814.48              | -43.38          | -13              | -30.38                  | -61.58                  | -50.12                   | 5.88                       | 12.62                       | H                     |
|                          | 5721.72              | -55.26          | -13              | -42.26                  | -76.87                  | -61.07                   | 7.32                       | 13.13                       | H                     |
|                          | 7628.96              | -43.69          | -13              | -30.69                  | -68.49                  | -46.85                   | 8.38                       | 11.54                       | H                     |
|                          | 3814.48              | -43.57          | -13              | -30.57                  | -60.92                  | -50.31                   | 5.88                       | 12.62                       | V                     |
|                          | 5721.72              | -51.46          | -13              | -38.46                  | -72.14                  | -57.27                   | 7.32                       | 13.13                       | V                     |
|                          | 7628.96              | -37.86          | -13              | -24.86                  | -62.15                  | -41.02                   | 8.38                       | 11.54                       | V                     |

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



| LTE Band 2 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                   | 3702                 | -37.63          | -13              | -24.63                  | -55.42                  | -44.39                   | 5.82                       | 12.58                       | H                     |
|                          | 5550                 | -53.37          | -13              | -40.37                  | -74.62                  | -59.09                   | 7.28                       | 13.00                       | H                     |
|                          | 7398                 | -34.64          | -13              | -21.64                  | -60.79                  | -37.80                   | 8.32                       | 11.48                       | H                     |
|                          | 9252                 | -48.95          | -13              | -35.95                  | -76.67                  | -51.10                   | 9.83                       | 11.98                       | H                     |
|                          | 3702                 | -37.07          | -13              | -24.07                  | -54.19                  | -43.83                   | 5.82                       | 12.58                       | V                     |
|                          | 5550                 | -51.30          | -13              | -38.30                  | -71.79                  | -57.02                   | 7.28                       | 13.00                       | V                     |
|                          | 7404                 | -30.52          | -13              | -17.52                  | -55.85                  | -33.68                   | 8.32                       | 11.48                       | V                     |
|                          | 9252                 | -47.77          | -13              | -34.77                  | -76.14                  | -49.92                   | 9.83                       | 11.98                       | V                     |
| Middle                   | 3756                 | -38.12          | -13              | -25.12                  | -56.07                  | -44.87                   | 5.85                       | 12.60                       | H                     |
|                          | 5634                 | -52.45          | -13              | -39.45                  | -73.64                  | -58.25                   | 7.30                       | 13.10                       | H                     |
|                          | 7512                 | -37.67          | -13              | -24.67                  | -62.98                  | -40.82                   | 8.35                       | 11.50                       | H                     |
|                          | 9387                 | -48.70          | -13              | -35.70                  | -76.06                  | -50.85                   | 9.85                       | 12.00                       | H                     |
|                          | 3756                 | -37.11          | -13              | -24.11                  | -54.29                  | -43.86                   | 5.85                       | 12.60                       | V                     |
|                          | 5634                 | -51.81          | -13              | -38.81                  | -71.94                  | -57.61                   | 7.30                       | 13.10                       | V                     |
|                          | 7512                 | -35.61          | -13              | -22.61                  | -60.32                  | -38.76                   | 8.35                       | 11.50                       | V                     |
|                          | 9387                 | -44.14          | -13              | -31.14                  | -72.76                  | -46.29                   | 9.85                       | 12.00                       | V                     |
| Highest                  | 3810                 | -39.74          | -13              | -26.74                  | -57.85                  | -46.48                   | 5.88                       | 12.62                       | H                     |
|                          | 5718                 | -52.86          | -13              | -39.86                  | -74.47                  | -58.67                   | 7.32                       | 13.13                       | H                     |
|                          | 7620                 | -40.67          | -13              | -27.67                  | -65.44                  | -43.83                   | 8.38                       | 11.54                       | H                     |
|                          | 9522                 | -48.21          | -13              | -35.21                  | -75.82                  | -50.35                   | 9.88                       | 12.02                       | H                     |
|                          | 3810                 | -39.98          | -13              | -26.98                  | -57.22                  | -46.72                   | 5.88                       | 12.62                       | V                     |
|                          | 5718                 | -52.08          | -13              | -39.08                  | -72.76                  | -57.89                   | 7.32                       | 13.13                       | V                     |
|                          | 7620                 | -38.46          | -13              | -25.46                  | -62.72                  | -41.62                   | 8.38                       | 11.54                       | V                     |
|                          | 9522                 | -43.97          | -13              | -30.97                  | -72.56                  | -46.11                   | 9.88                       | 12.02                       | V                     |

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



| LTE Band 2 / 10MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                    | 3701.18           | -37.46       | -13           | -24.46            | -55.25            | -44.22             | 5.82                 | 12.58                 | H                  |
|                           | 5551.77           | -53.86       | -13           | -40.86            | -75.12            | -59.58             | 7.28                 | 13.00                 | H                  |
|                           | 7402.36           | -33.60       | -13           | -20.60            | -59.64            | -36.76             | 8.32                 | 11.48                 | H                  |
|                           | 9252              | -50.67       | -13           | -37.67            | -78.39            | -52.82             | 9.83                 | 11.98                 | H                  |
|                           | 3701.18           | -37.92       | -13           | -24.92            | -55.04            | -44.68             | 5.82                 | 12.58                 | V                  |
|                           | 5551.77           | -52.44       | -13           | -39.44            | -72.94            | -58.16             | 7.28                 | 13.00                 | V                  |
|                           | 7402.36           | -29.80       | -13           | -16.80            | -55.13            | -32.96             | 8.32                 | 11.48                 | V                  |
|                           | 9252              | -48.97       | -13           | -35.97            | -77.34            | -51.12             | 9.83                 | 11.98                 | V                  |
| Middle                    | 3751.18           | -38.08       | -13           | -25.08            | -56.03            | -44.83             | 5.85                 | 12.60                 | H                  |
|                           | 5626.77           | -52.81       | -13           | -39.81            | -74.02            | -58.61             | 7.30                 | 13.10                 | H                  |
|                           | 7502              | -35.59       | -13           | -22.59            | -61.01            | -38.74             | 8.35                 | 11.50                 | H                  |
|                           | 9378              | -49.99       | -13           | -36.99            | -77.35            | -52.14             | 9.85                 | 12.00                 | H                  |
|                           | 3751.18           | -37.63       | -13           | -24.63            | -54.81            | -44.38             | 5.85                 | 12.60                 | V                  |
|                           | 5626.77           | -53.52       | -13           | -40.52            | -73.87            | -59.32             | 7.30                 | 13.10                 | V                  |
|                           | 7502              | -32.51       | -13           | -19.51            | -57.32            | -35.66             | 8.35                 | 11.50                 | V                  |
|                           | 9378              | -48.67       | -13           | -35.67            | -77.29            | -50.82             | 9.85                 | 12.00                 | V                  |
| Highest                   | 3801.18           | -42.26       | -13           | -29.26            | -60.37            | -49.00             | 5.88                 | 12.62                 | H                  |
|                           | 5701.77           | -53.53       | -13           | -40.53            | -75.06            | -59.34             | 7.32                 | 13.13                 | H                  |
|                           | 7602.36           | -41.10       | -13           | -28.10            | -65.83            | -44.26             | 8.38                 | 11.54                 | H                  |
|                           | 9504              | -48.89       | -13           | -35.89            | -76.47            | -51.03             | 9.88                 | 12.02                 | H                  |
|                           | 3801.18           | -41.86       | -13           | -28.86            | -59.1             | -48.60             | 5.88                 | 12.62                 | V                  |
|                           | 5701.77           | -53.54       | -13           | -40.54            | -74.11            | -59.35             | 7.32                 | 13.13                 | V                  |
|                           | 7602.36           | -38.93       | -13           | -25.93            | -63.16            | -42.09             | 8.38                 | 11.54                 | V                  |
|                           | 9504              | -46.88       | -13           | -33.88            | -75.49            | -49.02             | 9.88                 | 12.02                 | V                  |

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



| LTE Band 2 / 15MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                    | 3702              | -37.39       | -13           | -24.39            | -55.18            | -44.15             | 5.82                 | 12.58                 | H                  |
|                           | 5550              | -51.84       | -13           | -38.84            | -73.09            | -57.56             | 7.28                 | 13.00                 | H                  |
|                           | 7404              | -34.87       | -13           | -21.87            | -60.91            | -38.03             | 8.32                 | 11.48                 | H                  |
|                           | 9252              | -49.49       | -13           | -36.49            | -77.21            | -51.64             | 9.83                 | 11.98                 | H                  |
|                           | 3702              | -35.84       | -13           | -22.84            | -52.96            | -42.60             | 5.82                 | 12.58                 | V                  |
|                           | 5550              | -51.95       | -13           | -38.95            | -72.44            | -57.67             | 7.28                 | 13.00                 | V                  |
|                           | 7404              | -29.56       | -13           | -16.56            | -54.89            | -32.72             | 8.32                 | 11.48                 | V                  |
|                           | 9252              | -47.77       | -13           | -34.77            | -76.14            | -49.92             | 9.83                 | 11.98                 | V                  |
| Middle                    | 3744              | -38.16       | -13           | -25.16            | -56.05            | -44.91             | 5.85                 | 12.60                 | H                  |
|                           | 5622              | -52.21       | -13           | -39.21            | -73.42            | -58.01             | 7.30                 | 13.10                 | H                  |
|                           | 7494              | -36.52       | -13           | -23.52            | -61.94            | -39.67             | 8.35                 | 11.50                 | H                  |
|                           | 9369              | -48.37       | -13           | -35.37            | -75.77            | -50.52             | 9.85                 | 12.00                 | H                  |
|                           | 3744              | -36.66       | -13           | -23.66            | -53.82            | -43.41             | 5.85                 | 12.60                 | V                  |
|                           | 5622              | -51.08       | -13           | -38.08            | -71.43            | -56.88             | 7.30                 | 13.10                 | V                  |
|                           | 7494              | -32.00       | -13           | -19.00            | -56.81            | -35.15             | 8.35                 | 11.50                 | V                  |
|                           | 9369              | -46.25       | -13           | -33.25            | -74.83            | -48.40             | 9.85                 | 12.00                 | V                  |
| Highest                   | 3791.68           | -42.39       | -13           | -29.39            | -60.44            | -49.13             | 5.88                 | 12.62                 | H                  |
|                           | 5687.52           | -50.68       | -13           | -37.68            | -72.13            | -56.49             | 7.32                 | 13.13                 | H                  |
|                           | 7583.36           | -41.18       | -13           | -28.18            | -66.03            | -44.34             | 8.38                 | 11.54                 | H                  |
|                           | 9477              | -48.55       | -13           | -35.55            | -76.08            | -50.69             | 9.88                 | 12.02                 | H                  |
|                           | 3792              | -42.13       | -13           | -29.13            | -59.35            | -48.87             | 5.88                 | 12.62                 | V                  |
|                           | 5688              | -51.31       | -13           | -38.31            | -71.77            | -57.12             | 7.32                 | 13.13                 | V                  |
|                           | 7584              | -38.37       | -13           | -25.37            | -62.7             | -41.53             | 8.38                 | 11.54                 | V                  |
|                           | 9477              | -44.70       | -13           | -31.70            | -73.31            | -46.84             | 9.88                 | 12.02                 | V                  |

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



| LTE Band 2 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                    | 3702                 | -37.86          | -13              | -24.86                  | -55.65                  | -44.62                   | 5.82                       | 12.58                       | H                     |
|                           | 5556                 | -52.19          | -13              | -39.19                  | -73.45                  | -57.91                   | 7.28                       | 13.00                       | H                     |
|                           | 7404                 | -34.68          | -13              | -21.68                  | -60.72                  | -37.84                   | 8.32                       | 11.48                       | H                     |
|                           | 9252                 | -49.73          | -13              | -36.73                  | -77.45                  | -51.88                   | 9.83                       | 11.98                       | H                     |
|                           | 3702                 | -36.49          | -13              | -23.49                  | -53.61                  | -43.25                   | 5.82                       | 12.58                       | V                     |
|                           | 5556                 | -51.95          | -13              | -38.95                  | -72.45                  | -57.67                   | 7.28                       | 13.00                       | V                     |
|                           | 7404                 | -30.13          | -13              | -17.13                  | -55.46                  | -33.29                   | 8.32                       | 11.48                       | V                     |
|                           | 9252                 | -48.29          | -13              | -35.29                  | -76.66                  | -50.44                   | 9.83                       | 11.98                       | V                     |
| Middle                    | 3742.18              | -36.92          | -13              | -23.92                  | -54.81                  | -43.67                   | 5.85                       | 12.60                       | H                     |
|                           | 5613.27              | -52.74          | -13              | -39.74                  | -73.98                  | -58.54                   | 7.30                       | 13.10                       | H                     |
|                           | 7484.36              | -36.69          | -13              | -23.69                  | -62.24                  | -39.84                   | 8.35                       | 11.50                       | H                     |
|                           | 9351                 | -49.05          | -13              | -36.05                  | -76.49                  | -51.20                   | 9.85                       | 12.00                       | H                     |
|                           | 3742.18              | -37.41          | -13              | -24.41                  | -54.57                  | -44.16                   | 5.85                       | 12.60                       | V                     |
|                           | 5613.27              | -51.80          | -13              | -38.80                  | -72.39                  | -57.60                   | 7.30                       | 13.10                       | V                     |
|                           | 7484.36              | -34.03          | -13              | -21.03                  | -58.94                  | -37.18                   | 8.35                       | 11.50                       | V                     |
|                           | 9351                 | -46.38          | -13              | -33.38                  | -74.93                  | -48.53                   | 9.85                       | 12.00                       | V                     |
| Highest                   | 3780                 | -39.99          | -13              | -26.99                  | -58.04                  | -46.73                   | 5.88                       | 12.62                       | H                     |
|                           | 5676                 | -51.30          | -13              | -38.30                  | -72.66                  | -57.11                   | 7.32                       | 13.13                       | H                     |
|                           | 7566                 | -41.67          | -13              | -28.67                  | -66.63                  | -44.83                   | 8.38                       | 11.54                       | H                     |
|                           | 9459                 | -49.16          | -13              | -36.16                  | -76.65                  | -51.30                   | 9.88                       | 12.02                       | H                     |
|                           | 3780                 | -39.15          | -13              | -26.15                  | -56.37                  | -45.89                   | 5.88                       | 12.62                       | V                     |
|                           | 5676                 | -51.43          | -13              | -38.43                  | -71.78                  | -57.24                   | 7.32                       | 13.13                       | V                     |
|                           | 7566                 | -38.98          | -13              | -25.98                  | -63.4                   | -42.14                   | 8.38                       | 11.54                       | V                     |
|                           | 9459                 | -44.69          | -13              | -31.69                  | -73.32                  | -46.83                   | 9.88                       | 12.02                       | V                     |

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



| LTE Band 4 / 1.4MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                     | 3420.32              | -52.55          | -13              | -39.55                  | -67.58                  | -59.43                   | 5.60                       | 12.48                       | H                     |
|                            | 5130.48              | -36.96          | -13              | -23.96                  | -58.44                  | -42.64                   | 7.10                       | 12.78                       | H                     |
|                            | 6840.64              | -41.01          | -13              | -28.01                  | -64.72                  | -44.40                   | 8.38                       | 11.77                       | H                     |
|                            | 8550.8               | -49.23          | -13              | -36.23                  | -75.73                  | -52.07                   | 8.74                       | 11.58                       | H                     |
|                            | 3420.32              | -52.44          | -13              | -39.44                  | -66.97                  | -59.32                   | 5.60                       | 12.48                       | V                     |
|                            | 5130.48              | -34.05          | -13              | -21.05                  | -54.75                  | -39.73                   | 7.10                       | 12.78                       | V                     |
|                            | 6840.64              | -40.88          | -13              | -27.88                  | -63.71                  | -44.27                   | 8.38                       | 11.77                       | V                     |
|                            | 8550.8               | -48.44          | -13              | -35.44                  | -74.8                   | -51.28                   | 8.74                       | 11.58                       | V                     |
| Middle                     | 3463.74              | -54.16          | -13              | -41.16                  | -69.87                  | -61.01                   | 5.65                       | 12.50                       | H                     |
|                            | 5195.61              | -44.83          | -13              | -31.83                  | -66.40                  | -50.50                   | 7.13                       | 12.80                       | H                     |
|                            | 6927.48              | -36.98          | -13              | -23.98                  | -60.49                  | -40.38                   | 8.40                       | 11.80                       | H                     |
|                            | 3463.74              | -54.42          | -13              | -41.42                  | -69.64                  | -61.27                   | 5.65                       | 12.50                       | V                     |
|                            | 5195.61              | -40.05          | -13              | -27.05                  | -60.55                  | -45.72                   | 7.13                       | 12.80                       | V                     |
|                            | 6927.48              | -37.31          | -13              | -24.31                  | -60.44                  | -40.71                   | 8.40                       | 11.80                       | V                     |
| Highest                    | 3507.52              | -48.81          | -13              | -35.81                  | -65.20                  | -55.65                   | 5.68                       | 12.52                       | H                     |
|                            | 5261.28              | -39.15          | -13              | -26.15                  | -59.54                  | -44.82                   | 7.15                       | 12.82                       | H                     |
|                            | 7015.04              | -33.60          | -13              | -20.60                  | -57.13                  | -37.03                   | 8.42                       | 11.85                       | H                     |
|                            | 8766                 | -48.99          | -13              | -35.99                  | -75.61                  | -51.83                   | 8.78                       | 11.62                       | H                     |
|                            | 3507.52              | -47.85          | -13              | -34.85                  | -63.76                  | -54.69                   | 5.68                       | 12.52                       | V                     |
|                            | 5261.28              | -36.37          | -13              | -23.37                  | -55.69                  | -42.04                   | 7.15                       | 12.82                       | V                     |
|                            | 7015.04              | -31.59          | -13              | -18.59                  | -55.08                  | -35.02                   | 8.42                       | 11.85                       | V                     |
|                            | 8766                 | -46.23          | -13              | -33.23                  | -73.11                  | -49.07                   | 8.78                       | 11.62                       | V                     |

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



| LTE Band 4 / 3MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                   | 3420.48           | -52.87       | -13           | -39.87            | -67.90            | -59.75             | 5.60                 | 12.48                 | H                  |
|                          | 5130.72           | -37.48       | -13           | -24.48            | -58.96            | -43.16             | 7.10                 | 12.78                 | H                  |
|                          | 6840.96           | -41.66       | -13           | -28.66            | -65.37            | -45.05             | 8.38                 | 11.77                 | H                  |
|                          | 8551.2            | -48.48       | -13           | -35.48            | -74.98            | -51.32             | 8.74                 | 11.58                 | H                  |
|                          | 3420.48           | -52.76       | -13           | -39.76            | -67.29            | -59.64             | 5.60                 | 12.48                 | V                  |
|                          | 5130.72           | -35.16       | -13           | -22.16            | -55.86            | -40.84             | 7.10                 | 12.78                 | V                  |
|                          | 6840.96           | -40.70       | -13           | -27.70            | -63.53            | -44.09             | 8.38                 | 11.77                 | V                  |
|                          | 8551.2            | -48.65       | -13           | -35.65            | -75.01            | -51.49             | 8.74                 | 11.58                 | V                  |
| Middle                   | 3462.48           | -52.14       | -13           | -39.14            | -67.85            | -58.99             | 5.65                 | 12.50                 | H                  |
|                          | 5193.72           | -39.65       | -13           | -26.65            | -61.24            | -45.32             | 7.13                 | 12.80                 | H                  |
|                          | 6924.96           | -40.20       | -13           | -27.20            | -63.71            | -43.60             | 8.40                 | 11.80                 | H                  |
|                          | 8656.2            | -51.71       | -13           | -38.71            | -78.81            | -54.56             | 8.75                 | 11.60                 | H                  |
|                          | 3462.48           | -51.04       | -13           | -38.04            | -66.26            | -57.89             | 5.65                 | 12.50                 | V                  |
|                          | 5193.72           | -37.12       | -13           | -24.12            | -57.64            | -42.79             | 7.13                 | 12.80                 | V                  |
|                          | 6924.96           | -39.53       | -13           | -26.53            | -62.66            | -42.93             | 8.40                 | 11.80                 | V                  |
|                          | 8656.2            | -48.74       | -13           | -35.74            | -75.74            | -51.59             | 8.75                 | 11.60                 | V                  |
| Highest                  | 3504.48           | -48.06       | -13           | -35.06            | -64.23            | -54.90             | 5.68                 | 12.52                 | H                  |
|                          | 5256.72           | -39.88       | -13           | -26.88            | -60.13            | -45.55             | 7.15                 | 12.82                 | H                  |
|                          | 7008.96           | -34.05       | -13           | -21.05            | -57.37            | -37.48             | 8.42                 | 11.85                 | H                  |
|                          | 8761.2            | -49.66       | -13           | -36.66            | -76.26            | -52.50             | 8.78                 | 11.62                 | H                  |
|                          | 3504.48           | -48.67       | -13           | -35.67            | -64.36            | -55.51             | 5.68                 | 12.52                 | V                  |
|                          | 5256.72           | -36.42       | -13           | -23.42            | -55.61            | -42.09             | 7.15                 | 12.82                 | V                  |
|                          | 7008.96           | -32.86       | -13           | -19.86            | -56.2             | -36.29             | 8.42                 | 11.85                 | V                  |
|                          | 8761.2            | -46.47       | -13           | -33.47            | -73.33            | -49.31             | 8.78                 | 11.62                 | V                  |

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



| LTE Band 4 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                   | 3420.68              | -53.13          | -13              | -40.13                  | -68.16                  | -60.01                   | 5.60                       | 12.48                       | H                     |
|                          | 5131.02              | -38.10          | -13              | -25.10                  | -59.58                  | -43.78                   | 7.10                       | 12.78                       | H                     |
|                          | 6841.36              | -42.20          | -13              | -29.20                  | -65.91                  | -45.59                   | 8.38                       | 11.77                       | H                     |
|                          | 8551.7               | -49.28          | -13              | -36.28                  | -75.78                  | -52.12                   | 8.74                       | 11.58                       | H                     |
|                          | 3420.68              | -52.60          | -13              | -39.60                  | -67.13                  | -59.48                   | 5.60                       | 12.48                       | V                     |
|                          | 5131.02              | -35.57          | -13              | -22.57                  | -56.27                  | -41.25                   | 7.10                       | 12.78                       | V                     |
|                          | 6841.36              | -41.81          | -13              | -28.81                  | -64.64                  | -45.20                   | 8.38                       | 11.77                       | V                     |
|                          | 8551.7               | -49.19          | -13              | -36.19                  | -75.55                  | -52.03                   | 8.74                       | 11.58                       | V                     |
| Middle                   | 3460.68              | -51.64          | -13              | -38.64                  | -67.34                  | -58.49                   | 5.65                       | 12.50                       | H                     |
|                          | 5191.02              | -39.13          | -13              | -26.13                  | -60.72                  | -44.80                   | 7.13                       | 12.80                       | H                     |
|                          | 6921.36              | -41.07          | -13              | -28.07                  | -64.60                  | -44.47                   | 8.40                       | 11.80                       | H                     |
|                          | 8651.7               | -50.80          | -13              | -37.80                  | -77.90                  | -53.65                   | 8.75                       | 11.60                       | H                     |
|                          | 3460.68              | -52.05          | -13              | -39.05                  | -67.26                  | -58.90                   | 5.65                       | 12.50                       | V                     |
|                          | 5191.02              | -36.61          | -13              | -23.61                  | -57.13                  | -42.28                   | 7.13                       | 12.80                       | V                     |
|                          | 6921.36              | -40.71          | -13              | -27.71                  | -63.76                  | -44.11                   | 8.40                       | 11.80                       | V                     |
|                          | 8651.7               | -48.27          | -13              | -35.27                  | -75.27                  | -51.12                   | 8.75                       | 11.60                       | V                     |
| Highest                  | 3500.68              | -49.22          | -13              | -36.22                  | -65.39                  | -56.06                   | 5.68                       | 12.52                       | H                     |
|                          | 5251.02              | -39.94          | -13              | -26.94                  | -60.19                  | -45.61                   | 7.15                       | 12.82                       | H                     |
|                          | 7001.36              | -34.64          | -13              | -21.64                  | -57.97                  | -38.07                   | 8.42                       | 11.85                       | H                     |
|                          | 8751.7               | -47.92          | -13              | -34.92                  | -74.61                  | -50.76                   | 8.78                       | 11.62                       | H                     |
|                          | 3500.68              | -48.86          | -13              | -35.86                  | -64.55                  | -55.70                   | 5.68                       | 12.52                       | V                     |
|                          | 5251.02              | -37.14          | -13              | -24.14                  | -56.33                  | -42.81                   | 7.15                       | 12.82                       | V                     |
|                          | 7001.36              | -33.90          | -13              | -20.90                  | -57.25                  | -37.33                   | 8.42                       | 11.85                       | V                     |
|                          | 8751.7               | -45.93          | -13              | -32.93                  | -72.82                  | -48.77                   | 8.78                       | 11.62                       | V                     |

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



| LTE Band 4 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                    | 3421.18              | -53.88          | -13              | -40.88                  | -68.91                  | -60.76                   | 5.60                       | 12.48                       | H                     |
|                           | 5131.77              | -37.42          | -13              | -24.42                  | -58.90                  | -43.10                   | 7.10                       | 12.78                       | H                     |
|                           | 6842.36              | -42.58          | -13              | -29.58                  | -66.29                  | -45.97                   | 8.38                       | 11.77                       | H                     |
|                           | 8550                 | -48.13          | -13              | -35.13                  | -74.63                  | -50.97                   | 8.74                       | 11.58                       | H                     |
|                           | 3421.18              | -52.92          | -13              | -39.92                  | -67.45                  | -59.80                   | 5.60                       | 12.48                       | V                     |
|                           | 5131.77              | -34.69          | -13              | -21.69                  | -55.39                  | -40.37                   | 7.10                       | 12.78                       | V                     |
|                           | 6842.36              | -41.65          | -13              | -28.65                  | -64.48                  | -45.04                   | 8.38                       | 11.77                       | V                     |
|                           | 8550                 | -48.05          | -13              | -35.05                  | -74.41                  | -50.89                   | 8.74                       | 11.58                       | V                     |
| Middle                    | 3456.18              | -50.83          | -13              | -37.83                  | -66.31                  | -57.68                   | 5.65                       | 12.50                       | H                     |
|                           | 5184.27              | -39.45          | -13              | -26.45                  | -61.00                  | -45.12                   | 7.13                       | 12.80                       | H                     |
|                           | 6912.36              | -39.12          | -13              | -26.12                  | -62.65                  | -42.52                   | 8.40                       | 11.80                       | H                     |
|                           | 8640                 | -49.62          | -13              | -36.62                  | -76.80                  | -52.47                   | 8.75                       | 11.60                       | H                     |
|                           | 3456.18              | -50.63          | -13              | -37.63                  | -65.62                  | -57.48                   | 5.65                       | 12.50                       | V                     |
|                           | 5184.27              | -36.53          | -13              | -23.53                  | -57.08                  | -42.20                   | 7.13                       | 12.80                       | V                     |
|                           | 6912.36              | -39.55          | -13              | -26.55                  | -62.6                   | -42.95                   | 8.40                       | 11.80                       | V                     |
|                           | 8640                 | -48.27          | -13              | -35.27                  | -75.3                   | -51.12                   | 8.75                       | 11.60                       | V                     |
| Highest                   | 3491.18              | -50.44          | -13              | -37.44                  | -66.61                  | -57.28                   | 5.68                       | 12.52                       | H                     |
|                           | 5236.77              | -38.76          | -13              | -25.76                  | -59.46                  | -44.43                   | 7.15                       | 12.82                       | H                     |
|                           | 6982.36              | -36.99          | -13              | -23.99                  | -60.34                  | -40.42                   | 8.42                       | 11.85                       | H                     |
|                           | 8742                 | -48.02          | -13              | -35.02                  | -74.79                  | -50.86                   | 8.78                       | 11.62                       | H                     |
|                           | 3491.18              | -49.32          | -13              | -36.32                  | -65.01                  | -56.16                   | 5.68                       | 12.52                       | V                     |
|                           | 5236.77              | -36.29          | -13              | -23.29                  | -55.92                  | -41.96                   | 7.15                       | 12.82                       | V                     |
|                           | 6982.36              | -36.74          | -13              | -23.74                  | -60.01                  | -40.17                   | 8.42                       | 11.85                       | V                     |
|                           | 8742                 | -46.20          | -13              | -33.20                  | -73.12                  | -49.04                   | 8.78                       | 11.62                       | V                     |

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



| LTE Band 4 / 15MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                    | 3421.68           | -54.00       | -13           | -41.00            | -69.03            | -60.88             | 5.60                 | 12.48                 | H                  |
|                           | 5132.52           | -37.09       | -13           | -24.09            | -58.57            | -42.77             | 7.10                 | 12.78                 | H                  |
|                           | 6843.36           | -41.32       | -13           | -28.32            | -65.03            | -44.71             | 8.38                 | 11.77                 | H                  |
|                           | 8556              | -48.45       | -13           | -35.45            | -74.95            | -51.29             | 8.74                 | 11.58                 | H                  |
|                           | 3421.68           | -52.72       | -13           | -39.72            | -67.25            | -59.60             | 5.60                 | 12.48                 | V                  |
|                           | 5132.52           | -35.23       | -13           | -22.23            | -55.93            | -40.91             | 7.10                 | 12.78                 | V                  |
|                           | 6843.36           | -41.34       | -13           | -28.34            | -64.17            | -44.73             | 8.38                 | 11.77                 | V                  |
|                           | 8556              | -48.57       | -13           | -35.57            | -74.93            | -51.41             | 8.74                 | 11.58                 | V                  |
| Middle                    | 3451.68           | -51.60       | -13           | -38.60            | -67.08            | -58.45             | 5.65                 | 12.50                 | H                  |
|                           | 5177.52           | -39.17       | -13           | -26.17            | -60.72            | -44.84             | 7.13                 | 12.80                 | H                  |
|                           | 6903.36           | -39.45       | -13           | -26.45            | -63.00            | -42.85             | 8.40                 | 11.80                 | H                  |
|                           | 8628              | -49.63       | -13           | -36.63            | -76.79            | -52.48             | 8.75                 | 11.60                 | H                  |
|                           | 3451.68           | -51.21       | -13           | -38.21            | -66.2             | -58.06             | 5.65                 | 12.50                 | V                  |
|                           | 5177.52           | -35.50       | -13           | -22.50            | -56.05            | -41.17             | 7.13                 | 12.80                 | V                  |
|                           | 6903.36           | -39.46       | -13           | -26.46            | -62.42            | -42.86             | 8.40                 | 11.80                 | V                  |
|                           | 8628              | -48.40       | -13           | -35.40            | -75.41            | -51.25             | 8.75                 | 11.60                 | V                  |
| Highest                   | 3481.68           | -52.47       | -13           | -39.47            | -68.40            | -59.31             | 5.68                 | 12.52                 | H                  |
|                           | 5222.52           | -39.46       | -13           | -26.46            | -60.59            | -45.13             | 7.15                 | 12.82                 | H                  |
|                           | 6963.36           | -38.25       | -13           | -25.25            | -61.66            | -41.68             | 8.42                 | 11.85                 | H                  |
|                           | 8706              | -51.17       | -13           | -38.17            | -78.06            | -54.01             | 8.78                 | 11.62                 | H                  |
|                           | 3481.68           | -51.74       | -13           | -38.74            | -67.18            | -58.58             | 5.68                 | 12.52                 | V                  |
|                           | 5222.52           | -37.31       | -13           | -24.31            | -57.37            | -42.98             | 7.15                 | 12.82                 | V                  |
|                           | 6963.36           | -37.76       | -13           | -24.76            | -60.98            | -41.19             | 8.42                 | 11.85                 | V                  |
|                           | 8706              | -49.48       | -13           | -36.48            | -76.43            | -52.32             | 8.78                 | 11.62                 | V                  |

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



| LTE Band 4 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Lowest                    | 3422.18           | -53.41       | -13           | -40.41            | -68.44            | -60.29             | 5.60                 | 12.48                 | H                  |
|                           | 5133.27           | -37.44       | -13           | -24.44            | -58.92            | -43.12             | 7.10                 | 12.78                 | H                  |
|                           | 6844.36           | -39.98       | -13           | -26.98            | -63.69            | -43.37             | 8.38                 | 11.77                 | H                  |
|                           | 8556              | -48.91       | -13           | -35.91            | -75.41            | -51.75             | 8.74                 | 11.58                 | H                  |
|                           | 3420              | -53.35       | -13           | -40.35            | -67.88            | -60.23             | 5.60                 | 12.48                 | V                  |
|                           | 3422.18           | -48.34       | -13           | -35.34            | -62.87            | -54.02             | 7.10                 | 12.78                 | V                  |
|                           | 5133.27           | -34.90       | -13           | -21.90            | -55.6             | -38.29             | 8.38                 | 11.77                 | V                  |
|                           | 6844.36           | -40.91       | -13           | -27.91            | -63.74            | -43.75             | 8.74                 | 11.58                 | V                  |
| Middle                    | 3447.18           | -51.84       | -13           | -38.84            | -67.32            | -58.69             | 5.65                 | 12.50                 | H                  |
|                           | 5170.77           | -37.96       | -13           | -24.96            | -59.48            | -43.63             | 7.13                 | 12.80                 | H                  |
|                           | 6894.36           | -39.86       | -13           | -26.86            | -63.45            | -43.26             | 8.40                 | 11.80                 | H                  |
|                           | 8617.95           | -50.44       | -13           | -37.44            | -77.68            | -53.29             | 8.75                 | 11.60                 | H                  |
|                           | 3447.18           | -51.47       | -13           | -38.47            | -66.46            | -58.32             | 5.65                 | 12.50                 | V                  |
|                           | 5170.77           | -35.21       | -13           | -22.21            | -55.8             | -40.88             | 7.13                 | 12.80                 | V                  |
|                           | 6894.36           | -40.00       | -13           | -27.00            | -63               | -43.40             | 8.40                 | 11.80                 | V                  |
|                           | 8617.95           | -48.89       | -13           | -35.89            | -75.93            | -51.74             | 8.75                 | 11.60                 | V                  |
| Highest                   | 3472.18           | -51.60       | -13           | -38.60            | -67.31            | -58.44             | 5.68                 | 12.52                 | H                  |
|                           | 5208.27           | -39.82       | -13           | -26.82            | -60.96            | -45.49             | 7.15                 | 12.82                 | H                  |
|                           | 6944.36           | -39.04       | -13           | -26.04            | -62.49            | -42.47             | 8.42                 | 11.85                 | H                  |
|                           | 8680.45           | -51.37       | -13           | -38.37            | -78.32            | -54.21             | 8.78                 | 11.62                 | H                  |
|                           | 3472.18           | -51.75       | -13           | -38.75            | -66.97            | -58.59             | 5.68                 | 12.52                 | V                  |
|                           | 5208.27           | -38.28       | -13           | -25.28            | -58.35            | -43.95             | 7.15                 | 12.82                 | V                  |
|                           | 6944.36           | -39.89       | -13           | -26.89            | -63.06            | -43.32             | 8.42                 | 11.85                 | V                  |
|                           | 8680.45           | -49.58       | -13           | -36.58            | -76.54            | -52.42             | 8.78                 | 11.62                 | V                  |

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



| LTE Band 5 / 1.4MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                     | 1648                 | -49.14         | -13              | -36.14                  | -58.73                  | -52.37                   | 3.98                       | 9.36                        | H                     |
|                            | 2472                 | -51.31         | -13              | -38.31                  | -64.82                  | -54.86                   | 4.85                       | 10.55                       | H                     |
|                            | 3296                 | -53.04         | -13              | -40.04                  | -68.75                  | -57.97                   | 5.50                       | 12.58                       | H                     |
|                            | 4120                 | -56.02         | -13              | -43.02                  | -74.93                  | -60.49                   | 5.98                       | 12.60                       | H                     |
|                            | 4944                 | -57.37         | -13              | -44.37                  | -78.48                  | -60.80                   | 7.10                       | 12.68                       | H                     |
|                            | 5776                 | -57.58         | -13              | -44.58                  | -79.45                  | -60.73                   | 7.60                       | 12.90                       | H                     |
|                            | 7424                 | -52.29         | -13              | -39.29                  | -78.20                  | -54.83                   | 7.98                       | 12.67                       | H                     |
|                            | 1648                 | -51.07         | -13              | -38.07                  | -60.14                  | -54.30                   | 3.98                       | 9.36                        | V                     |
|                            | 2472                 | -50.19         | -13              | -37.19                  | -63.50                  | -53.74                   | 4.85                       | 10.55                       | V                     |
|                            | 3296                 | -54.83         | -13              | -41.83                  | -70.15                  | -59.76                   | 5.50                       | 12.58                       | V                     |
|                            | 4120                 | -54.21         | -13              | -41.21                  | -72.20                  | -58.68                   | 5.98                       | 12.60                       | V                     |
|                            | 4944                 | -53.35         | -13              | -40.35                  | -73.98                  | -56.78                   | 7.10                       | 12.68                       | V                     |
|                            | 5776                 | -56.91         | -13              | -43.91                  | -77.93                  | -60.06                   | 7.60                       | 12.90                       | V                     |
|                            | 7424                 | -51.15         | -13              | -38.15                  | -76.37                  | -53.69                   | 7.98                       | 12.67                       | V                     |
| Middle                     | 1672                 | -52.93         | -13              | -39.93                  | -62.90                  | -56.18                   | 4.00                       | 9.40                        | H                     |
|                            | 2512                 | -58.68         | -13              | -45.68                  | -72.18                  | -62.25                   | 4.88                       | 10.60                       | H                     |
|                            | 3344                 | -58.12         | -13              | -45.12                  | -73.73                  | -63.05                   | 5.52                       | 12.60                       | H                     |
|                            | 4184                 | -59.38         | -13              | -46.38                  | -78.24                  | -63.85                   | 6.00                       | 12.62                       | H                     |
|                            | 5016                 | -57.36         | -13              | -44.36                  | -78.68                  | -60.77                   | 7.14                       | 12.70                       | H                     |
|                            | 7528                 | -54.79         | -13              | -41.79                  | -79.98                  | -58.02                   | 7.62                       | 13.00                       | H                     |
|                            | 1672                 | -52.96         | -13              | -39.96                  | -62.42                  | -56.21                   | 4.00                       | 9.40                        | V                     |
|                            | 2512                 | -57.39         | -13              | -44.39                  | -70.72                  | -60.96                   | 4.88                       | 10.60                       | V                     |
|                            | 3344                 | -59.34         | -13              | -46.34                  | -74.51                  | -64.27                   | 5.52                       | 12.60                       | V                     |
|                            | 4184                 | -58.25         | -13              | -45.25                  | -76.11                  | -62.72                   | 6.00                       | 12.62                       | V                     |
|                            | 5016                 | -55.85         | -13              | -42.85                  | -76.89                  | -59.26                   | 7.14                       | 12.70                       | V                     |
|                            | 7528                 | -53.93         | -13              | -40.93                  | -78.54                  | -57.16                   | 7.62                       | 13.00                       | V                     |
| Highest                    | 1695.52              | -51.03         | -13              | -38.03                  | -61.17                  | -54.20                   | 4.10                       | 9.42                        | H                     |
|                            | 2543.28              | -47.35         | -13              | -34.35                  | -60.87                  | -50.93                   | 4.90                       | 10.63                       | H                     |
|                            | 3391.04              | -51.23         | -13              | -38.23                  | -66.02                  | -56.15                   | 5.55                       | 12.62                       | H                     |
|                            | 4240                 | -56.87         | -13              | -43.87                  | -75.76                  | -61.35                   | 6.02                       | 12.65                       | H                     |
|                            | 5086.02              | -57.39         | -13              | -44.39                  | -78.80                  | -60.81                   | 7.15                       | 12.72                       | H                     |
|                            | 5936                 | -55.80         | -13              | -42.80                  | -78.64                  | -59.03                   | 7.64                       | 13.02                       | H                     |
|                            | 6784                 | -56.99         | -13              | -43.99                  | -80.82                  | -59.54                   | 8.04                       | 12.74                       | H                     |
|                            | 7632                 | -55.11         | -13              | -42.11                  | -79.91                  | -56.15                   | 8.37                       | 11.56                       | H                     |
|                            | 1695.52              | -53.71         | -13              | -40.71                  | -63.35                  | -56.88                   | 4.10                       | 9.42                        | V                     |
|                            | 2543.28              | -46.49         | -13              | -33.49                  | -59.75                  | -50.07                   | 4.90                       | 10.63                       | V                     |
|                            | 3391.04              | -53.87         | -13              | -40.87                  | -68.15                  | -58.79                   | 5.55                       | 12.62                       | V                     |
|                            | 4240                 | -53.76         | -13              | -40.76                  | -71.65                  | -58.24                   | 6.02                       | 12.65                       | V                     |
|                            | 5088                 | -53.82         | -13              | -40.82                  | -74.66                  | -57.24                   | 7.15                       | 12.72                       | V                     |
|                            | 5936                 | -56.10         | -13              | -43.10                  | -78.06                  | -59.33                   | 7.64                       | 13.02                       | V                     |
|                            | 6784                 | -58.33         | -13              | -45.33                  | -80.95                  | -60.88                   | 8.04                       | 12.74                       | V                     |
|                            | 7632                 | -53.01         | -13              | -40.01                  | -77.30                  | -54.05                   | 8.37                       | 11.56                       | V                     |

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



| LTE Band 5 / 3MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                  | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                   | 1648.48           | -51.10      | -13           | -38.10            | -60.69            | -54.33             | 3.98                 | 9.36                  | H                  |
|                          | 2472.72           | -53.91      | -13           | -40.91            | -67.42            | -57.46             | 4.85                 | 10.55                 | H                  |
|                          | 3296.96           | -55.83      | -13           | -42.83            | -71.54            | -60.76             | 5.50                 | 12.58                 | H                  |
|                          | 4128              | -57.65      | -13           | -44.65            | -76.57            | -62.12             | 5.98                 | 12.60                 | H                  |
|                          | 4952              | -57.78      | -13           | -44.78            | -78.89            | -61.21             | 7.10                 | 12.68                 | H                  |
|                          | 7432              | -54.08      | -13           | -41.08            | -79.99            | -57.23             | 7.60                 | 12.90                 | H                  |
|                          | 1648.48           | -54.16      | -13           | -41.16            | -63.23            | -57.39             | 3.98                 | 9.36                  | V                  |
|                          | 2472.72           | -51.20      | -13           | -38.20            | -64.51            | -54.75             | 4.85                 | 10.55                 | V                  |
|                          | 3296.96           | -56.55      | -13           | -43.55            | -71.87            | -61.48             | 5.50                 | 12.58                 | V                  |
|                          | 4128              | -56.82      | -13           | -43.82            | -74.82            | -61.29             | 5.98                 | 12.60                 | V                  |
|                          | 4952              | -53.93      | -13           | -40.93            | -74.56            | -57.36             | 7.10                 | 12.68                 | V                  |
|                          | 7432              | -53.17      | -13           | -40.17            | -78.39            | -56.32             | 7.60                 | 12.90                 | V                  |
| Middle                   | 1670.48           | -54.91      | -13           | -41.91            | -64.70            | -58.16             | 4.00                 | 9.40                  | H                  |
|                          | 2505.72           | -60.84      | -13           | -47.84            | -74.34            | -64.41             | 4.88                 | 10.60                 | H                  |
|                          | 3340.96           | -59.42      | -13           | -46.42            | -75.03            | -64.35             | 5.52                 | 12.60                 | H                  |
|                          | 1670.48           | -55.27      | -13           | -42.27            | -64.55            | -58.52             | 4.00                 | 9.40                  | V                  |
|                          | 2505.72           | -59.49      | -13           | -46.49            | -72.82            | -63.06             | 4.88                 | 10.60                 | V                  |
|                          | 3340.96           | -60.54      | -13           | -47.54            | -75.71            | -65.47             | 5.52                 | 12.60                 | V                  |
| Highest                  | 1696              | -55.73      | -13           | -42.73            | -65.87            | -58.90             | 4.10                 | 9.42                  | H                  |
|                          | 2544              | -51.59      | -13           | -38.59            | -65.11            | -55.17             | 4.90                 | 10.63                 | H                  |
|                          | 3392              | -54.08      | -13           | -41.08            | -68.87            | -59.00             | 5.55                 | 12.62                 | H                  |
|                          | 4240              | -57.75      | -13           | -44.75            | -76.64            | -62.23             | 6.02                 | 12.65                 | H                  |
|                          | 5080              | -58.14      | -13           | -45.14            | -79.55            | -61.56             | 7.15                 | 12.72                 | H                  |
|                          | 7624              | -53.99      | -13           | -40.99            | -78.79            | -57.22             | 7.64                 | 13.02                 | H                  |
|                          | 1696              | -55.97      | -13           | -42.97            | -65.61            | -59.14             | 4.10                 | 9.42                  | V                  |
|                          | 2544              | -50.45      | -13           | -37.45            | -63.71            | -54.03             | 4.90                 | 10.63                 | V                  |
|                          | 3392              | -55.10      | -13           | -42.10            | -69.38            | -60.02             | 5.55                 | 12.62                 | V                  |
|                          | 4240              | -57.35      | -13           | -44.35            | -75.24            | -61.83             | 6.02                 | 12.65                 | V                  |
|                          | 5088              | -55.80      | -13           | -42.80            | -76.64            | -59.22             | 7.15                 | 12.72                 | V                  |
|                          | 7624              | -53.60      | -13           | -40.60            | -77.89            | -56.83             | 7.64                 | 13.02                 | V                  |

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



| LTE Band 5 / 5MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                   | 1656                 | -53.41         | -13              | -40.41                  | -63.20                  | -56.64                   | 3.98                       | 9.36                        | H                     |
|                          | 2480                 | -54.35         | -13              | -41.35                  | -67.86                  | -57.90                   | 4.85                       | 10.55                       | H                     |
|                          | 3304                 | -55.05         | -13              | -42.05                  | -70.72                  | -59.98                   | 5.50                       | 12.58                       | H                     |
|                          | 4128                 | -57.83         | -13              | -44.83                  | -76.75                  | -62.30                   | 5.98                       | 12.60                       | H                     |
|                          | 4960                 | -57.61         | -13              | -44.61                  | -78.79                  | -61.04                   | 7.10                       | 12.68                       | H                     |
|                          | 1656                 | -56.24         | -13              | -43.24                  | -65.52                  | -59.47                   | 3.98                       | 9.36                        | V                     |
|                          | 2480                 | -52.16         | -13              | -39.16                  | -65.47                  | -55.71                   | 4.85                       | 10.55                       | V                     |
|                          | 3304                 | -56.83         | -13              | -43.83                  | -72.09                  | -61.76                   | 5.50                       | 12.58                       | V                     |
|                          | 4128                 | -57.84         | -13              | -44.84                  | -75.84                  | -62.31                   | 5.98                       | 12.60                       | V                     |
|                          | 4960                 | -54.69         | -13              | -41.69                  | -75.47                  | -58.12                   | 7.10                       | 12.68                       | V                     |
| Middle                   | 1672.00              | -43.25         | -13              | -30.25                  | -66.22                  | -46.50                   | 4.00                       | 9.40                        | H                     |
|                          | 2512.00              | -48.15         | -13              | -35.15                  | -74.65                  | -51.72                   | 4.88                       | 10.60                       | H                     |
|                          | 3344.00              | -46.75         | -13              | -33.75                  | -75.36                  | -51.68                   | 5.52                       | 12.60                       | H                     |
|                          | 5016.00              | -44.32         | -13              | -31.32                  | -78.64                  | -48.79                   | 6.00                       | 12.62                       | H                     |
|                          | 1672.00              | -44.22         | -13              | -31.22                  | -66.68                  | -47.47                   | 4.00                       | 9.40                        | V                     |
|                          | 2512.00              | -47.25         | -13              | -34.25                  | -73.58                  | -50.82                   | 4.88                       | 10.60                       | V                     |
|                          | 3128.00              | -47.64         | -13              | -34.64                  | -75.85                  | -52.57                   | 5.52                       | 12.60                       | V                     |
|                          | 5016.00              | -43.35         | -13              | -30.35                  | -77.39                  | -47.82                   | 6.00                       | 12.62                       | V                     |
| Highest                  | 1688.68              | -56.91         | -13              | -43.91                  | -67.05                  | -60.08                   | 4.10                       | 9.42                        | H                     |
|                          | 2533.02              | -54.96         | -13              | -41.96                  | -68.47                  | -58.54                   | 4.90                       | 10.63                       | H                     |
|                          | 3377.36              | -56.28         | -13              | -43.28                  | -71.33                  | -61.20                   | 5.55                       | 12.62                       | H                     |
|                          | 4232                 | -57.89         | -13              | -44.89                  | -76.77                  | -62.37                   | 6.02                       | 12.65                       | H                     |
|                          | 5080                 | -57.03         | -13              | -44.03                  | -78.44                  | -60.45                   | 7.15                       | 12.72                       | H                     |
|                          | 7616                 | -53.91         | -13              | -40.91                  | -78.68                  | -57.14                   | 7.64                       | 13.02                       | H                     |
|                          | 1688.68              | -56.98         | -13              | -43.98                  | -66.62                  | -60.15                   | 4.10                       | 9.42                        | V                     |
|                          | 2533.02              | -53.34         | -13              | -40.34                  | -66.64                  | -56.92                   | 4.90                       | 10.63                       | V                     |
|                          | 3377.36              | -57.20         | -13              | -44.20                  | -71.77                  | -62.12                   | 5.55                       | 12.62                       | V                     |
|                          | 4232                 | -58.30         | -13              | -45.30                  | -76.19                  | -62.78                   | 6.02                       | 12.65                       | V                     |
|                          | 5080                 | -55.21         | -13              | -42.21                  | -76.05                  | -58.63                   | 7.15                       | 12.72                       | V                     |
|                          | 7616                 | -53.37         | -13              | -40.37                  | -77.63                  | -56.60                   | 7.64                       | 13.02                       | V                     |

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



| LTE Band 5 / 10MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1649.18           | -57.63      | -13           | -44.63            | -67.22            | -60.86             | 3.98                 | 9.36                  | H                  |
|                           | 2473.77           | -57.38      | -13           | -44.38            | -70.89            | -60.93             | 4.85                 | 10.55                 | H                  |
|                           | 3320              | -55.34      | -13           | -42.34            | -71.02            | -60.27             | 5.50                 | 12.58                 | H                  |
|                           | 1649.18           | -59.90      | -13           | -46.90            | -68.97            | -63.13             | 3.98                 | 9.36                  | V                  |
|                           | 2473.77           | -55.22      | -13           | -42.22            | -68.53            | -58.77             | 4.85                 | 10.55                 | V                  |
|                           | 3312              | -56.67      | -13           | -43.67            | -71.94            | -61.60             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1680              | -58.19      | -13           | -45.19            | -68.18            | -61.44             | 4.00                 | 9.40                  | H                  |
|                           | 2512              | -60.62      | -13           | -47.62            | -74.12            | -64.19             | 4.88                 | 10.60                 | H                  |
|                           | 3344              | -59.65      | -13           | -46.65            | -75.26            | -64.58             | 5.52                 | 12.60                 | H                  |
|                           | 1680              | -59.49      | -13           | -46.49            | -68.97            | -62.74             | 4.00                 | 9.40                  | V                  |
|                           | 2512              | -59.80      | -13           | -46.80            | -73.13            | -63.37             | 4.88                 | 10.60                 | V                  |
|                           | 3344              | -60.34      | -13           | -47.34            | -75.51            | -65.27             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1688              | -57.33      | -13           | -44.33            | -67.32            | -60.50             | 4.10                 | 9.42                  | H                  |
|                           | 2536              | -58.03      | -13           | -45.03            | -71.54            | -61.61             | 4.90                 | 10.63                 | H                  |
|                           | 3376              | -57.56      | -13           | -44.56            | -72.61            | -62.48             | 5.55                 | 12.62                 | H                  |
|                           | 5064              | -57.56      | -13           | -44.56            | -78.95            | -62.04             | 6.02                 | 12.65                 | H                  |
|                           | 1688              | -58.65      | -13           | -45.65            | -68.13            | -61.82             | 4.10                 | 9.42                  | V                  |
|                           | 2536              | -55.57      | -13           | -42.57            | -68.87            | -59.15             | 4.90                 | 10.63                 | V                  |
|                           | 3376              | -59.13      | -13           | -46.13            | -73.70            | -64.05             | 5.55                 | 12.62                 | V                  |
|                           | 5064              | -56.40      | -13           | -43.40            | -77.30            | -60.88             | 6.02                 | 12.65                 | V                  |

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



| LTE Band 12 / 1.4MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                     | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                      | 1398.14           | -58.86      | -13           | -45.86            | -68.60            | -62.09             | 3.98                 | 9.36                  | H                  |
|                             | 2097.21           | -60.86      | -13           | -47.86            | -74.93            | -64.41             | 4.85                 | 10.55                 | H                  |
|                             | 2796.28           | -60.85      | -13           | -47.85            | -75.06            | -65.78             | 5.50                 | 12.58                 | H                  |
|                             | 3495.35           | -55.47      | -13           | -42.47            | -71.64            | -59.94             | 5.98                 | 12.60                 | H                  |
|                             | 1398.14           | -59.72      | -13           | -46.72            | -69.15            | -62.95             | 3.98                 | 9.36                  | V                  |
|                             | 2097.21           | -58.84      | -13           | -45.84            | -72.58            | -62.39             | 4.85                 | 10.55                 | V                  |
|                             | 2796.28           | -60.18      | -13           | -47.18            | -74.06            | -65.11             | 5.50                 | 12.58                 | V                  |
|                             | 3495.35           | -57.26      | -13           | -44.26            | -72.95            | -61.73             | 5.98                 | 12.60                 | V                  |
| Middle                      | 1413.74           | -59.79      | -13           | -46.79            | -69.66            | -63.04             | 4.00                 | 9.40                  | H                  |
|                             | 2120.61           | -61.13      | -13           | -48.13            | -75.35            | -64.70             | 4.88                 | 10.60                 | H                  |
|                             | 2827.48           | -61.47      | -13           | -48.47            | -75.75            | -66.40             | 5.52                 | 12.60                 | H                  |
|                             | 1413.74           | -59.70      | -13           | -46.70            | -69.24            | -62.95             | 4.00                 | 9.40                  | V                  |
|                             | 2120.61           | -61.78      | -13           | -48.78            | -75.69            | -65.35             | 4.88                 | 10.60                 | V                  |
|                             | 2827.48           | -61.47      | -13           | -48.47            | -75.42            | -66.40             | 5.52                 | 12.60                 | V                  |
| Highest                     | 1429.34           | -59.98      | -13           | -46.98            | -69.83            | -63.15             | 4.10                 | 9.42                  | H                  |
|                             | 2144.01           | -61.99      | -13           | -48.99            | -76.34            | -65.57             | 4.90                 | 10.63                 | H                  |
|                             | 2858.68           | -61.89      | -13           | -48.89            | -76.29            | -66.81             | 5.55                 | 12.62                 | H                  |
|                             | 1429.34           | -59.96      | -13           | -46.96            | -69.47            | -63.13             | 4.10                 | 9.42                  | V                  |
|                             | 2144.01           | -61.73      | -13           | -48.73            | -75.80            | -65.31             | 4.90                 | 10.63                 | V                  |
|                             | 2858.68           | -62.38      | -13           | -49.38            | -76.42            | -67.30             | 5.55                 | 12.62                 | V                  |

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



| LTE Band 12 / 3MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1398.3            | -55.04      | -13           | -42.04            | -64.78            | -58.27             | 3.98                 | 9.36                  | H                  |
|                           | 2097.45           | -53.44      | -13           | -40.44            | -67.51            | -56.99             | 4.85                 | 10.55                 | H                  |
|                           | 2796.6            | -48.72      | -13           | -35.72            | -62.93            | -53.65             | 5.50                 | 12.58                 | H                  |
|                           | 3495.75           | -41.85      | -13           | -28.85            | -58.02            | -46.32             | 5.98                 | 12.60                 | H                  |
|                           | 1398.3            | -57.69      | -13           | -44.69            | -67.12            | -60.92             | 3.98                 | 9.36                  | V                  |
|                           | 2097.45           | -57.92      | -13           | -44.92            | -71.66            | -61.47             | 4.85                 | 10.55                 | V                  |
|                           | 2796.6            | -48.25      | -13           | -35.25            | -62.13            | -53.18             | 5.50                 | 12.58                 | V                  |
|                           | 3495.75           | -44.02      | -13           | -31.02            | -59.71            | -48.49             | 5.98                 | 12.60                 | V                  |
| Middle                    | 1412.3            | -60.41      | -13           | -47.41            | -70.28            | -63.66             | 4.00                 | 9.40                  | H                  |
|                           | 2118.45           | -61.53      | -13           | -48.53            | -75.75            | -65.10             | 4.88                 | 10.60                 | H                  |
|                           | 2824.6            | -61.63      | -13           | -48.63            | -75.91            | -66.56             | 5.52                 | 12.60                 | H                  |
|                           | 1412.3            | -60.67      | -13           | -47.67            | -70.21            | -63.92             | 4.00                 | 9.40                  | V                  |
|                           | 2118.45           | -61.71      | -13           | -48.71            | -75.62            | -65.28             | 4.88                 | 10.60                 | V                  |
|                           | 2824.6            | -62.02      | -13           | -49.02            | -75.97            | -66.95             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1426.3            | -62.13      | -13           | -49.13            | -71.98            | -65.30             | 4.10                 | 9.42                  | H                  |
|                           | 2139.45           | -61.86      | -13           | -48.86            | -76.21            | -65.44             | 4.90                 | 10.63                 | H                  |
|                           | 2852.6            | -60.26      | -13           | -47.26            | -74.66            | -65.18             | 5.55                 | 12.62                 | H                  |
|                           | 3565.75           | -57.36      | -13           | -44.36            | -74.39            | -61.84             | 6.02                 | 12.65                 | H                  |
|                           | 1426.3            | -61.93      | -13           | -48.93            | -71.44            | -65.10             | 4.10                 | 9.42                  | V                  |
|                           | 2139.45           | -62.09      | -13           | -49.09            | -76.16            | -65.67             | 4.90                 | 10.63                 | V                  |
|                           | 2852.6            | -60.40      | -13           | -47.40            | -74.44            | -65.32             | 5.55                 | 12.62                 | V                  |
|                           | 3565.75           | -59.71      | -13           | -46.71            | -76.27            | -64.19             | 6.02                 | 12.65                 | V                  |

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



| LTE Band 12 / 5MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1398.5            | -57.01      | -13           | -44.01            | -66.75            | -60.24             | 3.98                 | 9.36                  | H                  |
|                           | 2097.75           | -53.99      | -13           | -40.99            | -68.06            | -57.54             | 4.85                 | 10.55                 | H                  |
|                           | 2797              | -48.93      | -13           | -35.93            | -63.14            | -53.86             | 5.50                 | 12.58                 | H                  |
|                           | 3496.25           | -42.90      | -13           | -29.90            | -59.07            | -47.37             | 5.98                 | 12.60                 | H                  |
|                           | 1398.5            | -60.04      | -13           | -47.04            | -69.47            | -63.27             | 3.98                 | 9.36                  | V                  |
|                           | 2097.75           | -54.49      | -13           | -41.49            | -68.23            | -58.04             | 4.85                 | 10.55                 | V                  |
|                           | 2797              | -48.43      | -13           | -35.43            | -62.31            | -53.36             | 5.50                 | 12.58                 | V                  |
|                           | 3496.25           | -44.75      | -13           | -31.75            | -60.44            | -49.22             | 5.98                 | 12.60                 | V                  |
| Middle                    | 1410.5            | -61.39      | -13           | -48.39            | -71.26            | -64.64             | 4.00                 | 9.40                  | H                  |
|                           | 2115.75           | -61.40      | -13           | -48.40            | -75.62            | -64.97             | 4.88                 | 10.60                 | H                  |
|                           | 2821              | -61.58      | -13           | -48.58            | -75.85            | -66.51             | 5.52                 | 12.60                 | H                  |
|                           | 1410.5            | -61.87      | -13           | -48.87            | -71.41            | -65.12             | 4.00                 | 9.40                  | V                  |
|                           | 2115.75           | -61.88      | -13           | -48.88            | -75.79            | -65.45             | 4.88                 | 10.60                 | V                  |
|                           | 2821              | -61.36      | -13           | -48.36            | -75.30            | -66.29             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1422.5            | -58.84      | -13           | -45.84            | -68.69            | -62.01             | 4.10                 | 9.42                  | H                  |
|                           | 2133.75           | -61.63      | -13           | -48.63            | -75.97            | -65.21             | 4.90                 | 10.63                 | H                  |
|                           | 2845              | -60.92      | -13           | -47.92            | -75.31            | -65.84             | 5.55                 | 12.62                 | H                  |
|                           | 3556.25           | -58.59      | -13           | -45.59            | -75.41            | -63.07             | 6.02                 | 12.65                 | H                  |
|                           | 1422.5            | -58.22      | -13           | -45.22            | -67.73            | -61.39             | 4.10                 | 9.42                  | V                  |
|                           | 2133.75           | -61.87      | -13           | -48.87            | -75.93            | -65.45             | 4.90                 | 10.63                 | V                  |
|                           | 2845              | -61.83      | -13           | -48.83            | -75.86            | -66.75             | 5.55                 | 12.62                 | V                  |
|                           | 3556.25           | -60.07      | -13           | -47.07            | -76.42            | -64.55             | 6.02                 | 12.65                 | V                  |

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



| LTE Band 12 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                     | 1399                 | -61.90         | -13              | -48.90                  | -71.64                  | -65.13                   | 3.98                       | 9.36                        | H                     |
|                            | 2098.5               | -61.22         | -13              | -48.22                  | -75.29                  | -64.77                   | 4.85                       | 10.55                       | H                     |
|                            | 2798                 | -61.70         | -13              | -48.70                  | -75.92                  | -66.63                   | 5.50                       | 12.58                       | H                     |
|                            | 1399                 | -63.13         | -13              | -50.13                  | -72.56                  | -66.36                   | 3.98                       | 9.36                        | V                     |
|                            | 2098.5               | -60.93         | -13              | -47.93                  | -74.67                  | -64.48                   | 4.85                       | 10.55                       | V                     |
|                            | 2798                 | -62.04         | -13              | -49.04                  | -75.93                  | -66.97                   | 5.50                       | 12.58                       | V                     |
| Middle                     | 1406                 | -62.31         | -13              | -49.31                  | -72.18                  | -65.56                   | 4.00                       | 9.40                        | H                     |
|                            | 2109                 | -61.17         | -13              | -48.17                  | -75.24                  | -64.74                   | 4.88                       | 10.60                       | H                     |
|                            | 2812                 | -61.28         | -13              | -48.28                  | -75.55                  | -66.21                   | 5.52                       | 12.60                       | H                     |
|                            | 1406                 | -62.30         | -13              | -49.30                  | -71.84                  | -65.55                   | 4.00                       | 9.40                        | V                     |
|                            | 2109                 | -61.63         | -13              | -48.63                  | -75.37                  | -65.20                   | 4.88                       | 10.60                       | V                     |
|                            | 2812                 | -61.71         | -13              | -48.71                  | -75.65                  | -66.64                   | 5.52                       | 12.60                       | V                     |
| Highest                    | 1413                 | -60.05         | -13              | -47.05                  | -69.92                  | -63.22                   | 4.10                       | 9.42                        | H                     |
|                            | 2119.5               | -61.39         | -13              | -48.39                  | -75.61                  | -64.97                   | 4.90                       | 10.63                       | H                     |
|                            | 2826                 | -61.24         | -13              | -48.24                  | -75.52                  | -66.16                   | 5.55                       | 12.62                       | H                     |
|                            | 1413                 | -59.34         | -13              | -46.34                  | -68.88                  | -62.51                   | 4.10                       | 9.42                        | V                     |
|                            | 2119.5               | -61.87         | -13              | -48.87                  | -75.78                  | -65.45                   | 4.90                       | 10.63                       | V                     |
|                            | 2826                 | -61.05         | -13              | -48.05                  | -75.00                  | -65.97                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 13 / 5MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1554.5            | -57.66      | -13           | -44.66            | -66.89            | -60.89             | 3.98                 | 9.36                  | H                  |
|                           | 2331.75           | -56.57      | -13           | -43.57            | -70.59            | -60.12             | 4.85                 | 10.55                 | H                  |
|                           | 3109              | -59.38      | -13           | -46.38            | -74.86            | -64.31             | 5.50                 | 12.58                 | H                  |
|                           | 1554.5            | -53.36      | -13           | -40.36            | -62.10            | -56.59             | 3.98                 | 9.36                  | V                  |
|                           | 2331.75           | -52.28      | -13           | -39.28            | -66.06            | -55.83             | 4.85                 | 10.55                 | V                  |
|                           | 3109              | -57.96      | -13           | -44.96            | -73.08            | -62.89             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1559.5            | -52.18      | -40           | -12.18            | -61.41            | -55.43             | 4.00                 | 9.40                  | H                  |
|                           | 2339.25           | -55.02      | -13           | -42.02            | -68.93            | -58.59             | 4.88                 | 10.60                 | H                  |
|                           | 3119              | -60.66      | -13           | -47.66            | -76.22            | -65.59             | 5.52                 | 12.60                 | H                  |
|                           | 1559.5            | -54.33      | -40           | -14.33            | -63.07            | -57.58             | 4.00                 | 9.40                  | V                  |
|                           | 2339.25           | -53.30      | -13           | -40.30            | -66.96            | -56.87             | 4.88                 | 10.60                 | V                  |
|                           | 3119              | -59.91      | -13           | -46.91            | -75.12            | -64.84             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1564.5            | -49.41      | -40           | -9.41             | -58.64            | -52.58             | 4.10                 | 9.42                  | H                  |
|                           | 2346.75           | -54.27      | -13           | -41.27            | -68.18            | -57.85             | 4.90                 | 10.63                 | H                  |
|                           | 3129              | -58.36      | -13           | -45.36            | -73.92            | -63.28             | 5.55                 | 12.62                 | H                  |
|                           | 1564.5            | -50.55      | -40           | -10.55            | -59.29            | -53.72             | 4.10                 | 9.42                  | V                  |
|                           | 2346.75           | -55.43      | -13           | -42.43            | -69.09            | -59.01             | 4.90                 | 10.63                 | V                  |
|                           | 3129              | -57.95      | -13           | -44.95            | -73.16            | -62.87             | 5.55                 | 12.62                 | V                  |

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

| LTE Band 13 / 10MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( 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                     | 1559.5            | -57.61      | -40           | -17.61            | -66.84            | -60.86             | 4.00                 | 9.40                  | H                  |
|                            | 2339.25           | -60.37      | -13           | -47.37            | -74.28            | -63.94             | 4.88                 | 10.60                 | H                  |
|                            | 3119              | -60.61      | -13           | -47.61            | -76.17            | -65.54             | 5.52                 | 12.60                 | H                  |
|                            | 1559.5            | -59.06      | -40           | -19.06            | -67.80            | -62.31             | 4.00                 | 9.40                  | V                  |
|                            | 2339.25           | -59.39      | -13           | -46.39            | -73.05            | -62.96             | 4.88                 | 10.60                 | V                  |
|                            | 3119              | -59.96      | -13           | -46.96            | -75.17            | -64.89             | 5.52                 | 12.60                 | V                  |

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



| LTE Band 17 / 5MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                    | 1408.68              | -63.00         | -13              | -50.00                  | -72.87                  | -66.23                   | 3.98                       | 9.36                        | H                     |
|                           | 2113.02              | -61.74         | -13              | -48.74                  | -75.83                  | -65.29                   | 4.85                       | 10.55                       | H                     |
|                           | 2817.36              | -61.81         | -13              | -48.81                  | -76.08                  | -66.74                   | 5.50                       | 12.58                       | H                     |
|                           | 1408.68              | -63.76         | -13              | -50.76                  | -73.30                  | -66.99                   | 3.98                       | 9.36                        | V                     |
|                           | 2113.02              | -62.38         | -13              | -49.38                  | -76.14                  | -65.93                   | 4.85                       | 10.55                       | V                     |
|                           | 2817.36              | -62.07         | -13              | -49.07                  | -76.01                  | -67.00                   | 5.50                       | 12.58                       | V                     |
| Middle                    | 1415.68              | -59.00         | -13              | -46.00                  | -68.87                  | -62.25                   | 4.00                       | 9.40                        | H                     |
|                           | 2123.58              | -61.39         | -13              | -48.39                  | -75.61                  | -64.96                   | 4.88                       | 10.60                       | H                     |
|                           | 2831.36              | -61.95         | -13              | -48.95                  | -76.29                  | -66.88                   | 5.52                       | 12.60                       | H                     |
|                           | 1415.68              | -60.34         | -13              | -47.34                  | -69.88                  | -63.59                   | 4.00                       | 9.40                        | V                     |
|                           | 2123.58              | -61.91         | -13              | -48.91                  | -75.82                  | -65.48                   | 4.88                       | 10.60                       | V                     |
|                           | 2831.36              | -60.86         | -13              | -47.86                  | -74.85                  | -65.79                   | 5.52                       | 12.60                       | V                     |
| Highest                   | 1422.68              | -57.93         | -13              | -44.93                  | -67.78                  | -61.10                   | 4.10                       | 9.42                        | H                     |
|                           | 2134.02              | -61.78         | -13              | -48.78                  | -76.12                  | -65.36                   | 4.90                       | 10.63                       | H                     |
|                           | 2845.36              | -60.54         | -13              | -47.54                  | -74.93                  | -65.46                   | 5.55                       | 12.62                       | H                     |
|                           | 1422.68              | -59.62         | -13              | -46.62                  | -69.13                  | -62.79                   | 4.10                       | 9.42                        | V                     |
|                           | 2134.02              | -62.02         | -13              | -49.02                  | -76.08                  | -65.60                   | 4.90                       | 10.63                       | V                     |
|                           | 2845.36              | -60.81         | -13              | -47.81                  | -74.84                  | -65.73                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 17 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Lowest                     | 1409.18              | -60.13         | -13              | -47.13                  | -70.00                  | -63.36                   | 3.98                       | 9.36                        | H                     |
|                            | 2113.77              | -61.58         | -13              | -48.58                  | -75.80                  | -65.13                   | 4.85                       | 10.55                       | H                     |
|                            | 2818.36              | -62.11         | -13              | -49.11                  | -76.38                  | -67.04                   | 5.50                       | 12.58                       | H                     |
|                            | 1409.18              | -61.83         | -13              | -48.83                  | -71.37                  | -65.06                   | 3.98                       | 9.36                        | V                     |
|                            | 2113.77              | -62.05         | -13              | -49.05                  | -75.96                  | -65.60                   | 4.85                       | 10.55                       | V                     |
|                            | 2818.36              | -62.31         | -13              | -49.31                  | -76.25                  | -67.24                   | 5.50                       | 12.58                       | V                     |
| Middle                     | 1411.18              | -59.97         | -13              | -46.97                  | -69.84                  | -63.22                   | 4.00                       | 9.40                        | H                     |
|                            | 2116.77              | -61.58         | -13              | -48.58                  | -75.80                  | -65.15                   | 4.88                       | 10.60                       | H                     |
|                            | 2822.36              | -62.06         | -13              | -49.06                  | -76.33                  | -66.99                   | 5.52                       | 12.60                       | H                     |
|                            | 1411.18              | -61.05         | -13              | -48.05                  | -70.59                  | -64.30                   | 4.00                       | 9.40                        | V                     |
|                            | 2116.77              | -61.44         | -13              | -48.44                  | -75.35                  | -65.01                   | 4.88                       | 10.60                       | V                     |
|                            | 2822.36              | -61.71         | -13              | -48.71                  | -75.65                  | -66.64                   | 5.52                       | 12.60                       | V                     |
| Highest                    | 1413.18              | -60.29         | -13              | -47.29                  | -70.16                  | -63.46                   | 4.10                       | 9.42                        | H                     |
|                            | 2119.77              | -61.35         | -13              | -48.35                  | -75.57                  | -64.93                   | 4.90                       | 10.63                       | H                     |
|                            | 2826.36              | -61.90         | -13              | -48.90                  | -76.18                  | -66.82                   | 5.55                       | 12.62                       | H                     |
|                            | 1413.18              | -61.39         | -13              | -48.39                  | -70.93                  | -64.56                   | 4.10                       | 9.42                        | V                     |
|                            | 2119.77              | -62.08         | -13              | -49.08                  | -75.99                  | -65.66                   | 4.90                       | 10.63                       | V                     |
|                            | 2826.36              | -62.18         | -13              | -49.18                  | -76.13                  | -67.10                   | 5.55                       | 12.62                       | V                     |

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