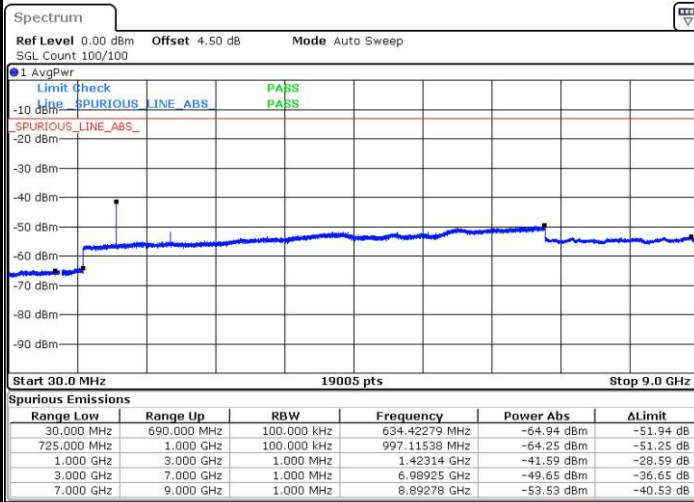




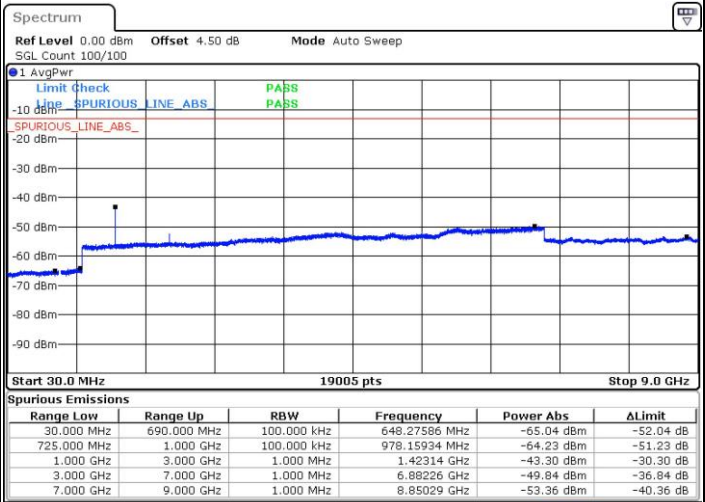
## LTE Band 12 / 5MHz

## Highest Channel / QPSK



Date: 12 APR 2017 16:30:46

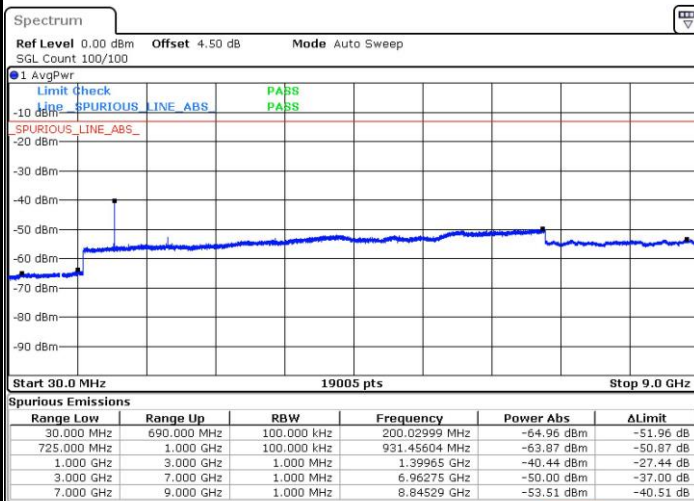
## Highest Channel / 16QAM



Date: 12 APR 2017 16:31:40

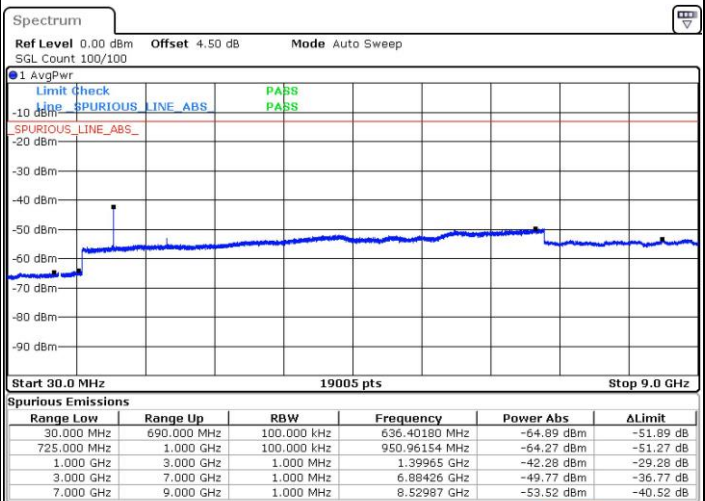
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK



Date: 12 APR 2017 16:43:55

## Lowest Channel / 16QAM

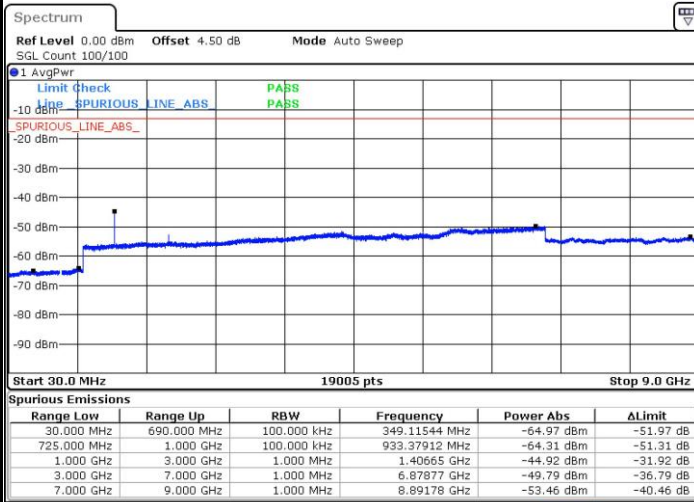


Date: 12 APR 2017 16:44:49



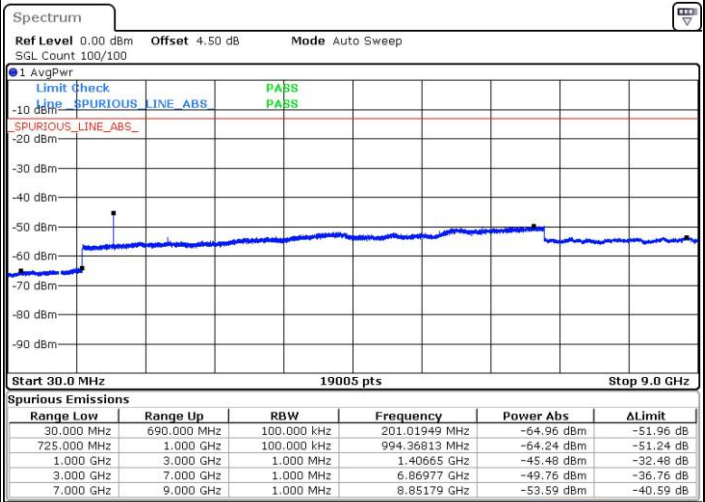
## LTE Band 12 / 10MHz

## Middle Channel / QPSK



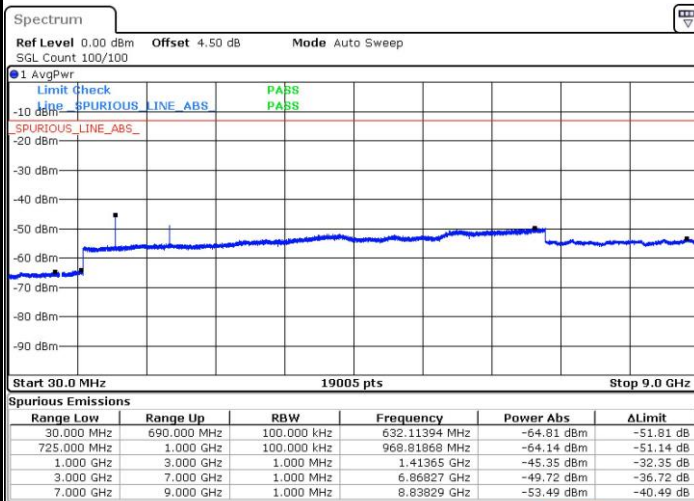
Date: 12 APR 2017 16:46:37

## Middle Channel / 16QAM



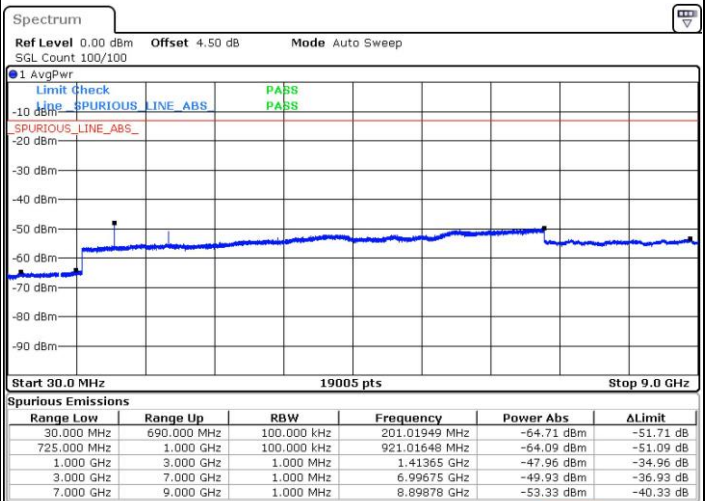
Date: 12 APR 2017 16:45:43

## Highest Channel / QPSK



Date: 12 APR 2017 16:47:31

## Highest Channel / 16QAM

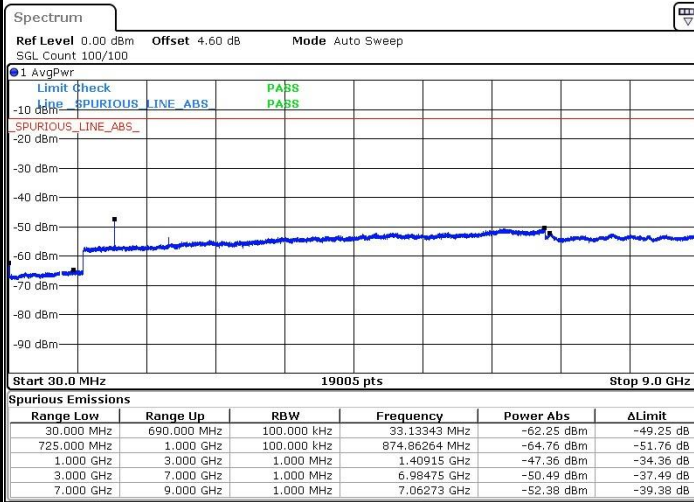


Date: 12 APR 2017 16:48:26



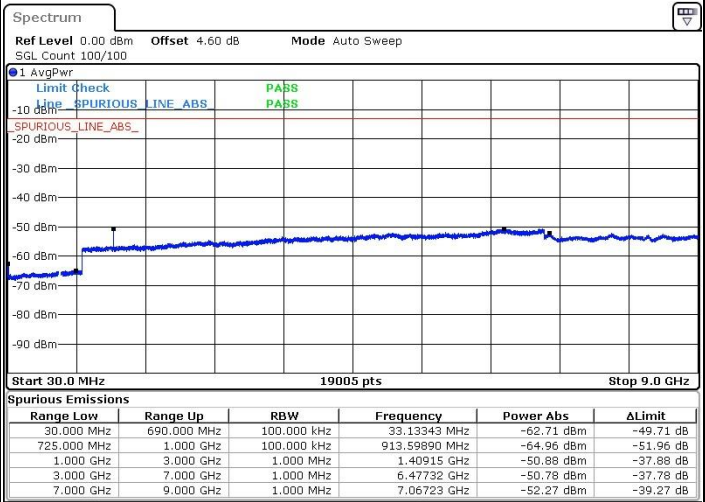
## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



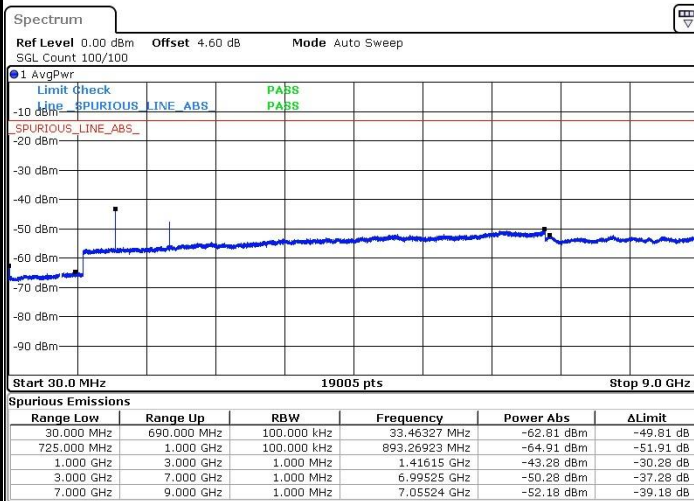
Date: 18 MAR 2017 01:23:34

## Lowest Channel / 16QAM



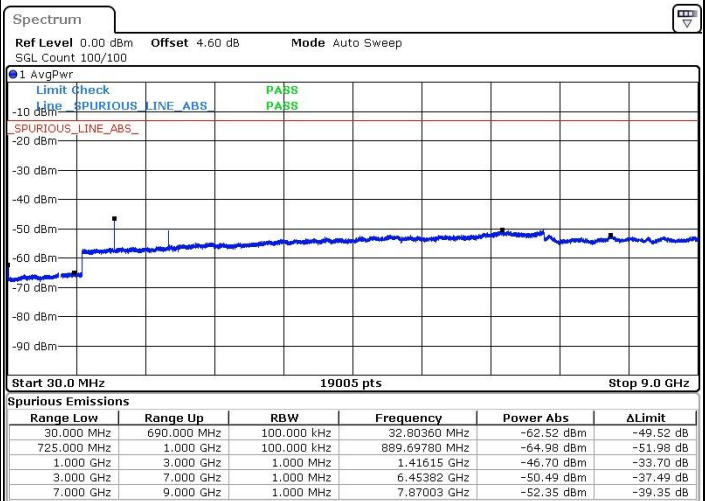
Date: 18 MAR 2017 01:24:29

## Middle Channel / QPSK



Date: 18 MAR 2017 01:26:06

## Middle Channel / 16QAM

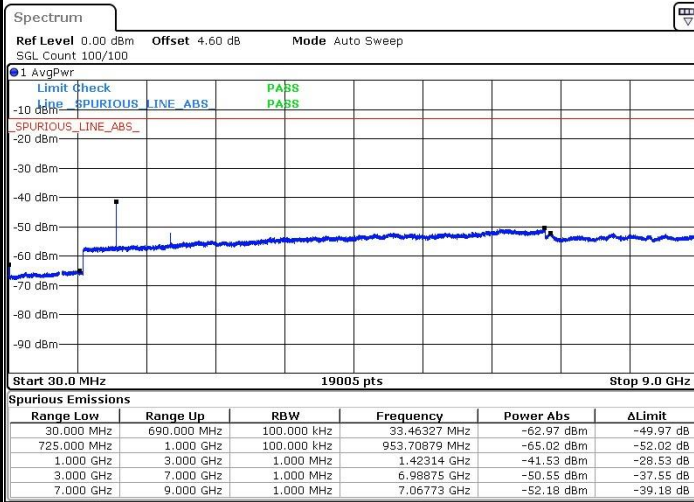


Date: 18 MAR 2017 01:27:01



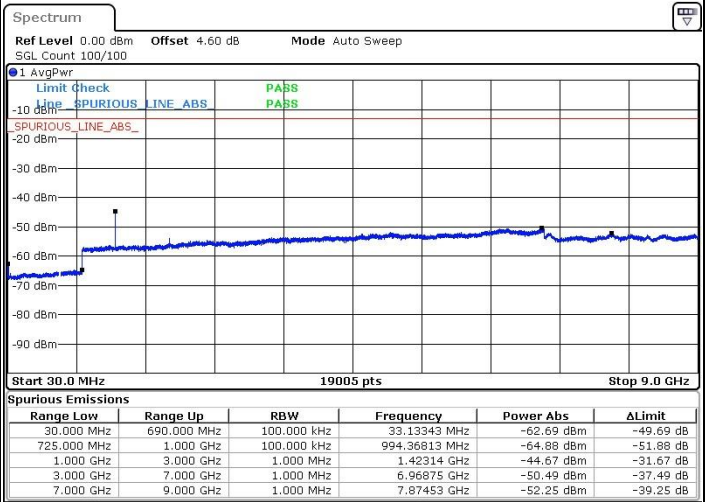
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 18 MAR 2017 01:33:10

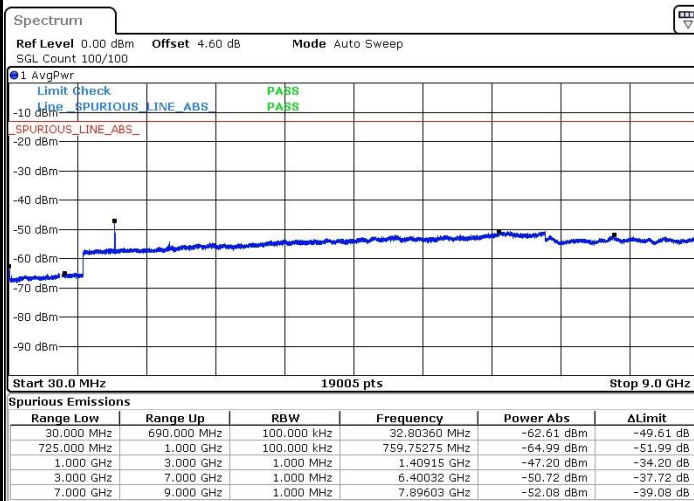
## Highest Channel / 16QAM



Date: 18 MAR 2017 01:34:05

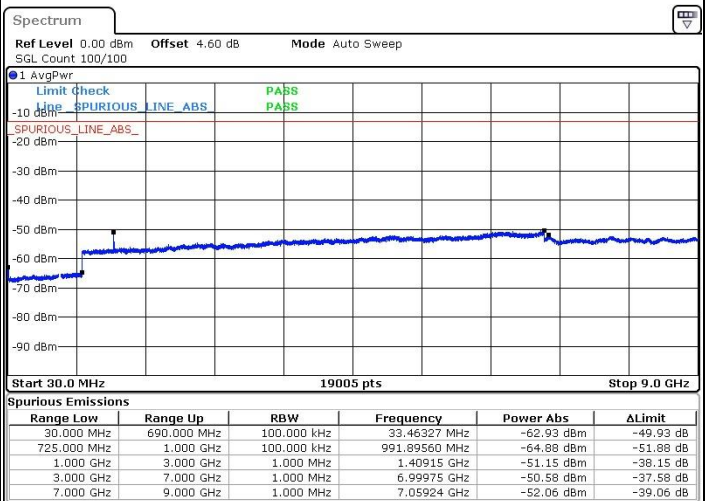
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 18 MAR 2017 01:40:14

## Lowest Channel / 16QAM

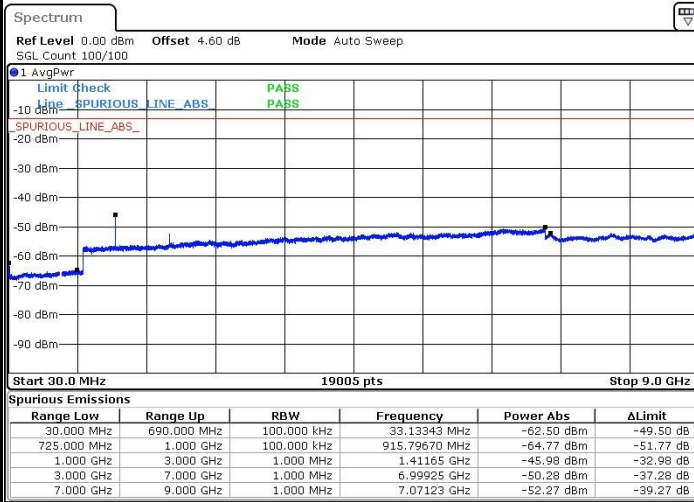


Date: 18 MAR 2017 01:41:09



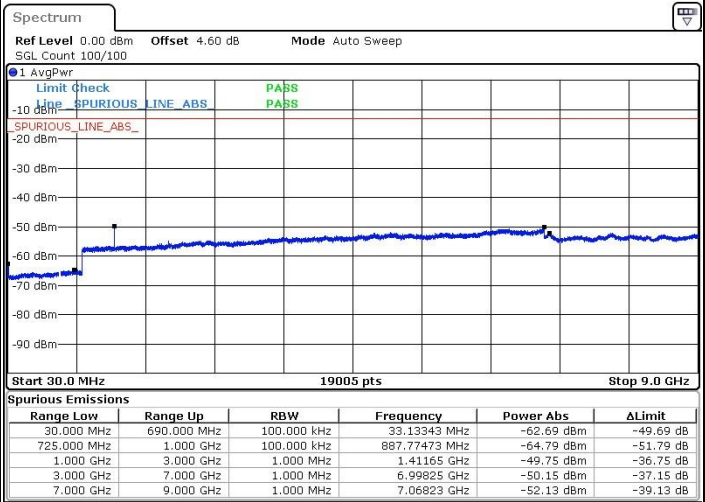
## LTE Band 17 / 10MHz

## Middle Channel / QPSK



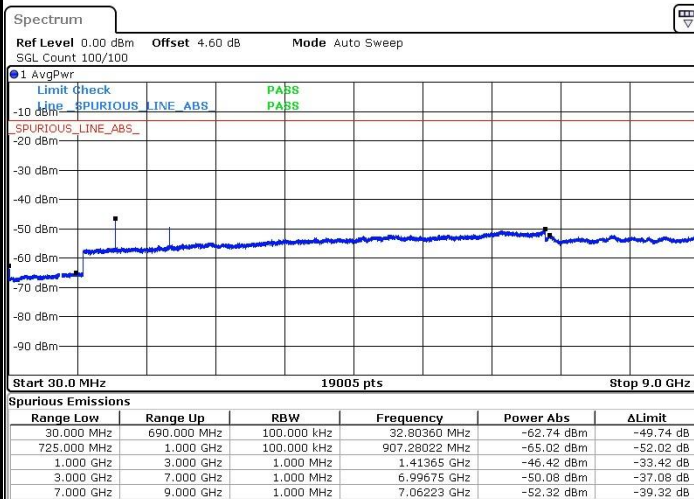
Date: 18 MAR 2017 01:42:46

## Middle Channel / 16QAM



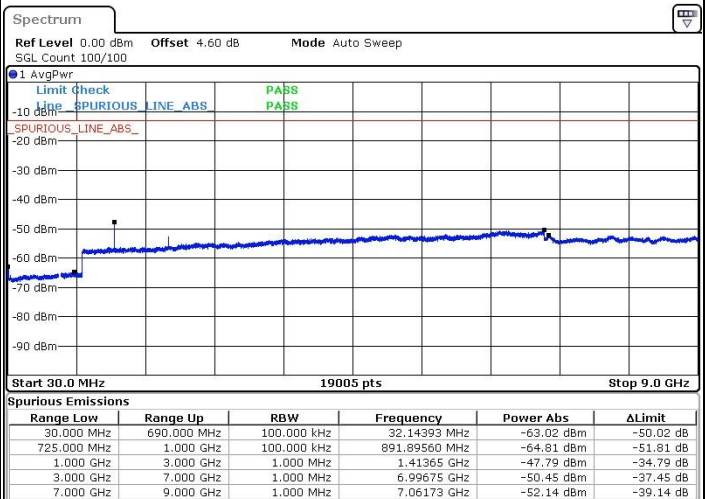
Date: 18 MAR 2017 01:43:42

## Highest Channel / QPSK



Date: 18 MAR 2017 01:49:51

## Highest Channel / 16QAM



Date: 18 MAR 2017 01:50:46

**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    | 0.0034                             | PASS    |
| 40               | Normal Voltage    | 0.0031                             |         |
| 30               | Normal Voltage    | 0.0009                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0032                             |         |
| 0                | Normal Voltage    | 0.0007                             |         |
| -10              | Normal Voltage    | 0.0011                             |         |
| -20              | Normal Voltage    | 0.0028                             |         |
| -30              | Normal Voltage    | 0.0027                             |         |
| 20               | Maximum Voltage   | 0.0009                             |         |
| 20               | Normal Voltage    | 0.0007                             |         |
| 20               | Battery End Point | 0.0032                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0023                             | PASS    |
| 40                  | Normal Voltage    | 0.0009                             |         |
| 30                  | Normal Voltage    | 0.0013                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0017                             |         |
| 0                   | Normal Voltage    | 0.0013                             |         |
| -10                 | Normal Voltage    | 0.0021                             |         |
| -20                 | Normal Voltage    | 0.0003                             |         |
| -30                 | Normal Voltage    | 0.0009                             |         |
| 20                  | Maximum Voltage   | 0.0005                             |         |
| 20                  | Normal Voltage    | 0.0013                             |         |
| 20                  | Battery End Point | 0.0010                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 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    | 0.0022                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0022                             |        |
| 0                   | Normal Voltage    | 0.0026                             |        |
| -10                 | Normal Voltage    | 0.0025                             |        |
| -20                 | Normal Voltage    | 0.0014                             |        |
| -30                 | Normal Voltage    | 0.0019                             |        |
| 20                  | Maximum Voltage   | 0.0013                             |        |
| 20                  | Normal Voltage    | 0.0012                             |        |
| 20                  | Battery End Point | 0.0005                             |        |

**Note:** Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



| Test Conditions  |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0000                             | PASS    |
| 40               | Normal Voltage    | 0.0023                             |         |
| 30               | Normal Voltage    | 0.0014                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0009                             |         |
| 0                | Normal Voltage    | 0.0022                             |         |
| -10              | Normal Voltage    | 0.0003                             |         |
| -20              | Normal Voltage    | 0.0001                             |         |
| -30              | Normal Voltage    | 0.0023                             |         |
| 20               | Maximum Voltage   | 0.0004                             |         |
| 20               | Normal Voltage    | 0.0018                             |         |
| 20               | Battery End Point | 0.0009                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions  |                   | LTE Band 12 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0021                              | PASS    |
| 40               | Normal Voltage    | 0.0010                              |         |
| 30               | Normal Voltage    | 0.0033                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0042                              |         |
| 0                | Normal Voltage    | 0.0031                              |         |
| -10              | Normal Voltage    | 0.0007                              |         |
| -20              | Normal Voltage    | 0.0008                              |         |
| -30              | Normal Voltage    | 0.0045                              |         |
| 20               | Maximum Voltage   | 0.0003                              |         |
| 20               | Normal Voltage    | 0.0011                              |         |
| 20               | Battery End Point | 0.0035                              |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



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

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                         | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                          | 3759              | -65.36       | -13           | -52.36            | -68.87            | -70.35             | 1.88                 | 6.87                  | H                  |
|                                                 | 5637              | -49.34       | -13           | -36.34            | -58.99            | -56.64             | 2.38                 | 9.68                  | H                  |
|                                                 | 7518              | -62.40       | -13           | -49.40            | -74.43            | -71.47             | 2.74                 | 11.81                 | H                  |
|                                                 | 3759              | -68.80       | -13           | -55.80            | -72.59            | -73.79             | 1.88                 | 6.87                  | V                  |
|                                                 | 5637              | -54.08       | -13           | -41.08            | -62.65            | -61.38             | 2.38                 | 9.68                  | V                  |
|                                                 | 7518              | -63.57       | -13           | -50.57            | -74.28            | -72.64             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 3756              | -66.08       | -13           | -53.08            | -69.59            | -71.07             | 1.88                 | 6.87                  | H                  |
|                                               | 5637              | -53.77       | -13           | -40.77            | -61.96            | -61.07             | 2.38                 | 9.68                  | H                  |
|                                               | 7515              | -62.98       | -13           | -49.98            | -75.01            | -72.05             | 2.74                 | 11.81                 | H                  |
|                                               | 3757.48           | -68.77       | -13           | -55.77            | -72.56            | -73.76             | 1.88                 | 6.87                  | V                  |
|                                               | 5637              | -55.14       | -13           | -42.14            | -63.71            | -62.44             | 2.38                 | 9.68                  | V                  |
|                                               | 7515              | -63.78       | -13           | -50.78            | -74.49            | -72.85             | 2.74                 | 11.81                 | V                  |

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



| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3756                 | -65.65          | -13              | -52.65                  | -69.16                  | -70.64                   | 1.88                       | 6.87                        | H                     |
|                                               | 5634                 | -54.38          | -13              | -41.38                  | -62.57                  | -61.68                   | 2.38                       | 9.68                        | H                     |
|                                               | 7512                 | -62.28          | -13              | -49.28                  | -74.31                  | -71.35                   | 2.74                       | 11.81                       | H                     |
|                                               | 3756                 | -68.65          | -13              | -55.65                  | -72.44                  | -73.64                   | 1.88                       | 6.87                        | V                     |
|                                               | 5634                 | -53.92          | -13              | -40.92                  | -62.49                  | -61.22                   | 2.38                       | 9.68                        | V                     |
|                                               | 7512                 | -63.77          | -13              | -50.77                  | -74.48                  | -72.84                   | 2.74                       | 11.81                       | V                     |

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

| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3750                 | -61.27          | -13              | -48.27                  | -64.78                  | -66.26                   | 1.88                       | 6.87                        | H                     |
|                                                | 5625                 | -55.61          | -13              | -42.61                  | -63.80                  | -62.91                   | 2.38                       | 9.68                        | H                     |
|                                                | 7503                 | -61.31          | -13              | -48.31                  | -73.34                  | -70.38                   | 2.74                       | 11.81                       | H                     |
|                                                | 3750                 | -67.94          | -13              | -54.94                  | -71.73                  | -72.93                   | 1.88                       | 6.87                        | V                     |
|                                                | 5625                 | -57.34          | -13              | -44.34                  | -65.91                  | -64.64                   | 2.38                       | 9.68                        | V                     |
|                                                | 7503                 | -63.58          | -13              | -50.58                  | -74.29                  | -72.65                   | 2.74                       | 11.81                       | V                     |

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



| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3747                 | -63.66          | -13              | -50.66                  | -67.17                  | -68.65                   | 1.88                       | 6.87                        | H                     |
|                                                | 5619                 | -56.03          | -13              | -43.03                  | -64.22                  | -63.33                   | 2.38                       | 9.68                        | H                     |
|                                                | 7494                 | -61.21          | -13              | -48.21                  | -73.24                  | -70.28                   | 2.74                       | 11.81                       | H                     |
|                                                | 3747                 | -68.58          | -13              | -55.58                  | -72.37                  | -73.57                   | 1.88                       | 6.87                        | V                     |
|                                                | 5619                 | -55.23          | -13              | -42.23                  | -63.8                   | -62.53                   | 2.38                       | 9.68                        | V                     |
|                                                | 7494                 | -62.48          | -13              | -49.48                  | -73.19                  | -71.55                   | 2.74                       | 11.81                       | V                     |

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

| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3741                 | -62.94          | -13              | -49.94                  | -66.45                  | -67.93                   | 1.88                       | 6.87                        | H                     |
|                                                | 5613                 | -54.90          | -13              | -41.90                  | -63.09                  | -62.20                   | 2.38                       | 9.68                        | H                     |
|                                                | 7485                 | -62.35          | -13              | -49.35                  | -74.38                  | -71.42                   | 2.74                       | 11.81                       | H                     |
|                                                | 3741                 | -67.74          | -13              | -54.74                  | -71.53                  | -72.73                   | 1.88                       | 6.87                        | V                     |
|                                                | 5613                 | -56.22          | -13              | -43.22                  | -64.79                  | -63.52                   | 2.38                       | 9.68                        | V                     |
|                                                | 7485                 | -63.78          | -13              | -50.78                  | -74.49                  | -72.85                   | 2.74                       | 11.81                       | V                     |

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



| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 3465                 | -64.86          | -13              | -51.86                  | -71.65                  | -69.75                   | 1.81                       | 6.70                        | H                     |
|                                                 | 5196                 | -59.69          | -13              | -46.69                  | -72.37                  | -66.59                   | 2.23                       | 9.13                        | H                     |
|                                                 | 6927                 | -58.77          | -13              | -45.77                  | -73.95                  | -66.83                   | 2.60                       | 10.66                       | H                     |
|                                                 | 3465                 | -65.77          | -13              | -52.77                  | -70.97                  | -70.66                   | 1.81                       | 6.70                        | V                     |
|                                                 | 5196                 | -58.39          | -13              | -45.39                  | -71.94                  | -65.29                   | 2.23                       | 9.13                        | V                     |
|                                                 | 6927                 | -58.91          | -13              | -45.91                  | -73.96                  | -66.97                   | 2.6                        | 10.66                       | V                     |

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

| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3462                 | -63.61          | -13              | -50.61                  | -70.40                  | -68.50                   | 1.81                       | 6.70                        | H                     |
|                                               | 5193                 | -59.32          | -13              | -46.32                  | -72.00                  | -66.22                   | 2.23                       | 9.13                        | H                     |
|                                               | 6924                 | -59.48          | -13              | -46.48                  | -74.66                  | -67.54                   | 2.60                       | 10.66                       | H                     |
|                                               | 3462                 | -65.88          | -13              | -52.88                  | -71.08                  | -70.77                   | 1.81                       | 6.70                        | V                     |
|                                               | 5193                 | -59.36          | -13              | -46.36                  | -72.91                  | -66.26                   | 2.23                       | 9.13                        | V                     |
|                                               | 6924                 | -59.74          | -13              | -46.74                  | -74.79                  | -67.80                   | 2.6                        | 10.66                       | V                     |

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



| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 3462              | -64.86       | -13           | -51.86            | -71.65            | -69.75             | 1.81                 | 6.70                  | H                  |
|                                               | 5190              | -59.14       | -13           | -46.14            | -71.82            | -66.04             | 2.23                 | 9.13                  | H                  |
|                                               | 6921              | -59.35       | -13           | -46.35            | -74.53            | -67.41             | 2.60                 | 10.66                 | H                  |
|                                               | 3462              | -66.70       | -13           | -53.70            | -71.9             | -71.59             | 1.81                 | 6.70                  | V                  |
|                                               | 5190              | -58.61       | -13           | -45.61            | -72.16            | -65.51             | 2.23                 | 9.13                  | V                  |
|                                               | 6921              | -59.42       | -13           | -46.42            | -74.47            | -67.48             | 2.6                  | 10.66                 | V                  |

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

| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3456              | -63.10       | -13           | -50.10            | -69.89            | -67.99             | 1.81                 | 6.70                  | H                  |
|                                                | 5184              | -52.61       | -13           | -39.61            | -65.29            | -59.51             | 2.23                 | 9.13                  | H                  |
|                                                | 6912              | -58.99       | -13           | -45.99            | -74.17            | -67.05             | 2.60                 | 10.66                 | H                  |
|                                                | 3456              | -64.41       | -13           | -51.41            | -69.61            | -69.30             | 1.81                 | 6.70                  | V                  |
|                                                | 5184              | -55.69       | -13           | -42.69            | -69.24            | -62.59             | 2.23                 | 9.13                  | V                  |
|                                                | 6912              | -59.30       | -13           | -46.30            | -74.35            | -67.36             | 2.6                  | 10.66                 | V                  |

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



| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3453                 | -64.51          | -13              | -51.51                  | -71.30                  | -69.40                   | 1.81                       | 6.70                        | H                     |
|                                                | 5178                 | -53.82          | -13              | -40.82                  | -66.50                  | -60.72                   | 2.23                       | 9.13                        | H                     |
|                                                | 6903                 | -58.89          | -13              | -45.89                  | -74.07                  | -66.95                   | 2.60                       | 10.66                       | H                     |
|                                                | 3453                 | -65.66          | -13              | -52.66                  | -70.86                  | -70.55                   | 1.81                       | 6.70                        | V                     |
|                                                | 5178                 | -54.71          | -13              | -41.71                  | -68.26                  | -61.61                   | 2.23                       | 9.13                        | V                     |
|                                                | 6903                 | -58.99          | -13              | -45.99                  | -74.04                  | -67.05                   | 2.6                        | 10.66                       | V                     |

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

| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3447                 | -63.60          | -13              | -50.60                  | -70.39                  | -68.49                   | 1.81                       | 6.70                        | H                     |
|                                                | 5169                 | -56.25          | -13              | -43.25                  | -68.93                  | -63.15                   | 2.23                       | 9.13                        | H                     |
|                                                | 6894                 | -59.14          | -13              | -46.14                  | -74.32                  | -67.20                   | 2.60                       | 10.66                       | H                     |
|                                                | 3447                 | -65.43          | -13              | -52.43                  | -70.63                  | -70.32                   | 1.81                       | 6.70                        | V                     |
|                                                | 5169                 | -58.08          | -13              | -45.08                  | -71.63                  | -64.98                   | 2.23                       | 9.13                        | V                     |
|                                                | 6894                 | -60.14          | -13              | -47.14                  | -75.19                  | -68.20                   | 2.6                        | 10.66                       | V                     |

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



| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                          | 1672              | -51.26      | -13           | -38.26            | -51.36            | -53.12             | 1.19                 | 5.20                  | H                  |
|                                                 | 2508              | -55.05      | -13           | -42.05            | -58.04            | -57.27             | 1.53                 | 5.90                  | H                  |
|                                                 | 3345              | -67.86      | -13           | -54.86            | -71.81            | -70.65             | 1.76                 | 6.70                  | H                  |
|                                                 | 1672              | -48.55      | -13           | -35.55            | -48.25            | -50.41             | 1.19                 | 5.20                  | V                  |
|                                                 | 2508              | -55.03      | -13           | -42.03            | -57.01            | -57.25             | 1.53                 | 5.90                  | V                  |
|                                                 | 3345              | -67.86      | -13           | -54.86            | -71.18            | -70.65             | 1.76                 | 6.70                  | V                  |

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

| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                        | 1670              | -49.59      | -13           | -36.59            | -50.36            | -51.45             | 1.19                 | 5.20                  | H                  |
|                                               | 2506              | -56.44      | -13           | -43.44            | -59.43            | -58.66             | 1.53                 | 5.90                  | H                  |
|                                               | 3342              | -67.40      | -13           | -54.40            | -71.35            | -70.19             | 1.76                 | 6.70                  | H                  |
|                                               | 1670              | -46.40      | -13           | -33.40            | -46.46            | -48.26             | 1.19                 | 5.20                  | V                  |
|                                               | 2506              | -57.79      | -13           | -44.79            | -59.77            | -60.01             | 1.53                 | 5.90                  | V                  |
|                                               | 3342              | -67.97      | -13           | -54.97            | -71.29            | -70.76             | 1.76                 | 6.70                  | V                  |

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



| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 1668                 | -49.85         | -13              | -36.85                  | -50.58                  | -51.71                   | 1.19                       | 5.20                        | H                     |
|                                               | 2502                 | -54.76         | -13              | -41.76                  | -57.75                  | -56.98                   | 1.53                       | 5.90                        | H                     |
|                                               | 3336                 | -67.19         | -13              | -54.19                  | -71.14                  | -69.98                   | 1.76                       | 6.70                        | H                     |
|                                               | 1668                 | -47.64         | -13              | -34.64                  | -47.57                  | -49.50                   | 1.19                       | 5.20                        | V                     |
|                                               | 2502                 | -56.46         | -13              | -43.46                  | -58.44                  | -58.68                   | 1.53                       | 5.90                        | V                     |
|                                               | 3336                 | -68.52         | -13              | -55.52                  | -71.84                  | -71.31                   | 1.76                       | 6.70                        | V                     |

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

| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1664                 | -39.51         | -13              | -26.51                  | -40.67                  | -41.37                   | 1.19                       | 5.20                        | H                     |
|                                                | 2496                 | -57.83         | -13              | -44.83                  | -60.82                  | -60.05                   | 1.53                       | 5.90                        | H                     |
|                                                | 3327                 | -66.99         | -13              | -53.99                  | -70.94                  | -69.78                   | 1.76                       | 6.70                        | H                     |
|                                                | 1664                 | -39.07         | -13              | -26.07                  | -39.77                  | -40.93                   | 1.19                       | 5.20                        | V                     |
|                                                | 2496                 | -56.83         | -13              | -43.83                  | -58.81                  | -59.05                   | 1.53                       | 5.90                        | V                     |
|                                                | 3327                 | -67.78         | -13              | -54.78                  | -71.1                   | -70.57                   | 1.76                       | 6.70                        | V                     |

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



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 5064              | -56.97       | -25           | -31.97            | -66.19            | -63.53             | 2.41                 | 8.97                  | H                  |
|                                               | 7600              | -52.22       | -25           | -27.22            | -65.92            | -61.22             | 2.86                 | 11.86                 | H                  |
|                                               | 10131             | -57.84       | -25           | -32.84            | -76.19            | -66.74             | 3.21                 | 12.11                 | H                  |
|                                               | 5064              | -60.54       | -25           | -35.54            | -69.25            | -67.10             | 2.41                 | 8.97                  | V                  |
|                                               | 7600              | -50.24       | -25           | -25.24            | -64.87            | -59.24             | 2.86                 | 11.86                 | V                  |
|                                               | 10131             | -56.03       | -25           | -31.03            | -75.43            | -64.93             | 3.21                 | 12.11                 | V                  |

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

| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 5060              | -56.46       | -25           | -31.46            | -65.68            | -63.02             | 2.41                 | 8.97                  | H                  |
|                                                | 7592              | -45.60       | -25           | -20.60            | -60.29            | -54.60             | 2.86                 | 11.86                 | H                  |
|                                                | 10122             | -57.05       | -25           | -32.05            | -75.40            | -65.95             | 3.21                 | 12.11                 | H                  |
|                                                | 5060              | -59.57       | -25           | -34.57            | -68.28            | -66.13             | 2.41                 | 8.97                  | V                  |
|                                                | 7592              | -47.75       | -25           | -22.75            | -62.38            | -56.75             | 2.86                 | 11.86                 | V                  |
|                                                | 10122             | -56.37       | -25           | -31.37            | -75.77            | -65.27             | 3.21                 | 12.11                 | V                  |

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



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 5056              | -59.21       | -25           | -34.21            | -68.43            | -65.77             | 2.41                 | 8.97                  | H                  |
|                                                | 7584              | -48.98       | -25           | -23.98            | -62.68            | -57.98             | 2.86                 | 11.86                 | H                  |
|                                                | 10113             | -57.50       | -25           | -32.50            | -75.85            | -66.40             | 3.21                 | 12.11                 | H                  |
|                                                | 5056              | -61.45       | -25           | -36.45            | -70.16            | -68.01             | 2.41                 | 8.97                  | V                  |
|                                                | 7584              | -42.92       | -25           | -17.92            | -59.32            | -51.92             | 2.86                 | 11.86                 | V                  |
|                                                | 10113             | -55.67       | -25           | -30.67            | -75.07            | -64.57             | 3.21                 | 12.11                 | V                  |

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

| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 5052              | -58.91       | -25           | -33.91            | -68.13            | -65.47             | 2.41                 | 8.97                  | H                  |
|                                                | 7576              | -51.99       | -25           | -26.99            | -65.69            | -60.99             | 2.86                 | 11.86                 | H                  |
|                                                | 10103             | -57.42       | -25           | -32.42            | -75.77            | -66.32             | 3.21                 | 12.11                 | H                  |
|                                                | 5052              | -60.50       | -25           | -35.50            | -69.21            | -67.06             | 2.41                 | 8.97                  | V                  |
|                                                | 7576              | -50.94       | -25           | -25.94            | -65.57            | -59.94             | 2.86                 | 11.86                 | V                  |
|                                                | 10103             | -56.51       | -25           | -31.51            | -75.91            | -65.41             | 3.21                 | 12.11                 | V                  |

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



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                          | Frequency ( 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                                           | 1414              | -64.82      | -13           | -51.82            | -60.66            | -65.72             | 1.14                 | 4.19                  | H                  |
|                                                  | 2120              | -48.60      | -13           | -35.60            | -53.08            | -50.06             | 1.4                  | 5.01                  | H                  |
|                                                  | 2828              | -67.30      | -13           | -54.30            | -67.94            | -69.83             | 1.63                 | 6.31                  | H                  |
|                                                  | 1414              | -68.90      | -13           | -55.90            | -63.77            | -69.80             | 1.14                 | 4.19                  | V                  |
|                                                  | 2120              | -59.29      | -13           | -46.29            | -57.65            | -60.75             | 1.4                  | 5.01                  | V                  |
|                                                  | 2828              | -65.32      | -13           | -52.32            | -67.44            | -67.85             | 1.63                 | 6.31                  | V                  |

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

| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( 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                                         | 1412              | -65.12      | -13           | -52.12            | -60.96            | -66.02             | 1.14                 | 4.19                  | H                  |
|                                                | 2118              | -50.17      | -13           | -37.17            | -54.19            | -51.63             | 1.4                  | 5.01                  | H                  |
|                                                | 2825              | -66.64      | -13           | -53.64            | -67.28            | -69.17             | 1.63                 | 6.31                  | H                  |
|                                                | 1412              | -69.33      | -13           | -56.33            | -64.2             | -70.23             | 1.14                 | 4.19                  | V                  |
|                                                | 2118              | -60.81      | -13           | -47.81            | -58.93            | -62.27             | 1.4                  | 5.01                  | V                  |
|                                                | 2824              | -65.65      | -13           | -52.65            | -67.77            | -68.18             | 1.63                 | 6.31                  | V                  |

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



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( 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                                         | 1410              | -65.32      | -13           | -52.32            | -61.16            | -66.22             | 1.14                 | 4.19                  | H                  |
|                                                | 2116              | -53.81      | -13           | -40.81            | -56.29            | -55.27             | 1.4                  | 5.01                  | H                  |
|                                                | 2820              | -66.89      | -13           | -53.89            | -67.53            | -69.42             | 1.63                 | 6.31                  | H                  |
|                                                | 1410              | -70.03      | -13           | -57.03            | -64.9             | -70.93             | 1.14                 | 4.19                  | V                  |
|                                                | 2116              | -63.24      | -13           | -50.24            | -61.36            | -64.70             | 1.4                  | 5.01                  | V                  |
|                                                | 2820              | -65.42      | -13           | -52.42            | -67.54            | -67.95             | 1.63                 | 6.31                  | V                  |

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

| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                         | Frequency ( 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                                          | 1406              | -68.38      | -13           | -55.38            | -64.22            | -69.28             | 1.14                 | 4.19                  | H                  |
|                                                 | 2108              | -62.39      | -13           | -49.39            | -61.85            | -63.85             | 1.4                  | 5.01                  | H                  |
|                                                 | 2812              | -67.22      | -13           | -54.22            | -67.86            | -69.75             | 1.63                 | 6.31                  | H                  |
|                                                 | 1406              | -71.22      | -13           | -58.22            | -66.09            | -72.12             | 1.14                 | 4.19                  | V                  |
|                                                 | 2109              | -67.83      | -13           | -54.83            | -65.95            | -69.29             | 1.4                  | 5.01                  | V                  |
|                                                 | 2812              | -65.75      | -13           | -52.75            | -67.87            | -68.28             | 1.63                 | 6.31                  | V                  |

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



| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1416                 | -67.64         | -13              | -54.64                  | -63.48                  | -68.54                   | 1.14                       | 4.19                        | H                     |
|                                                | 2122                 | -40.27         | -13              | -27.27                  | -46.64                  | -41.73                   | 1.4                        | 5.01                        | H                     |
|                                                | 2832                 | -67.11         | -13              | -54.11                  | -67.75                  | -69.64                   | 1.63                       | 6.31                        | H                     |
|                                                | 1416                 | -70.09         | -13              | -57.09                  | -64.96                  | -70.99                   | 1.14                       | 4.19                        | V                     |
|                                                | 2122                 | -47.91         | -13              | -34.91                  | -51.23                  | -49.37                   | 1.4                        | 5.01                        | V                     |
|                                                | 2832                 | -65.38         | -13              | -52.38                  | -67.5                   | -67.91                   | 1.63                       | 6.31                        | V                     |

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

| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 1410                 | -66.06         | -13              | -53.06                  | -61.90                  | -66.96                   | 1.14                       | 4.19                        | H                     |
|                                                 | 2116                 | -46.29         | -13              | -33.29                  | -51.48                  | -47.75                   | 1.4                        | 5.01                        | H                     |
|                                                 | 2822                 | -66.88         | -13              | -53.88                  | -67.52                  | -69.41                   | 1.63                       | 6.31                        | H                     |
|                                                 | 1410                 | -68.53         | -13              | -55.53                  | -63.4                   | -69.43                   | 1.14                       | 4.19                        | V                     |
|                                                 | 2116                 | -57.82         | -13              | -44.82                  | -57.18                  | -59.28                   | 1.4                        | 5.01                        | V                     |
|                                                 | 2822                 | -65.89         | -13              | -52.89                  | -68.01                  | -68.42                   | 1.63                       | 6.31                        | V                     |

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