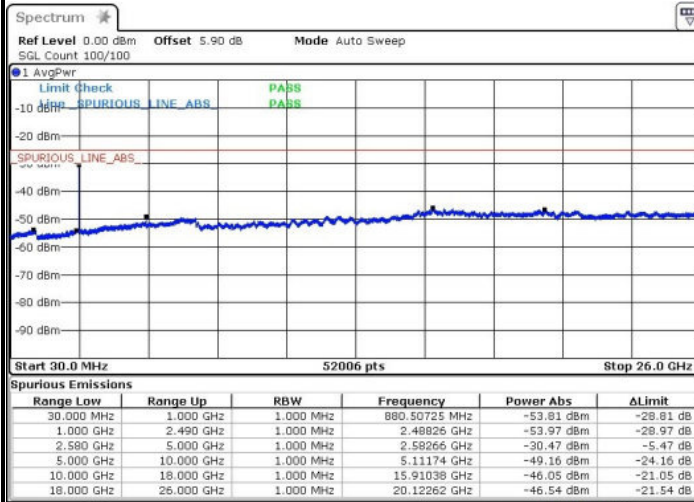




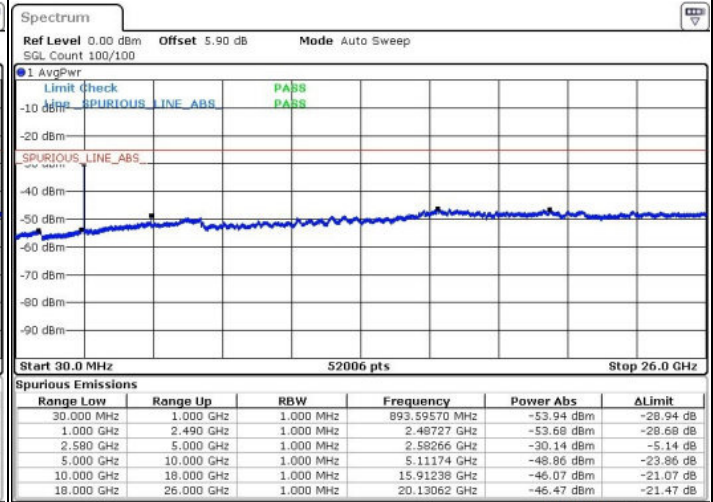
## LTE Band 7 / 15MHz

## Highest Channel / QPSK



Date: 22 MAR 2017 21:10:12

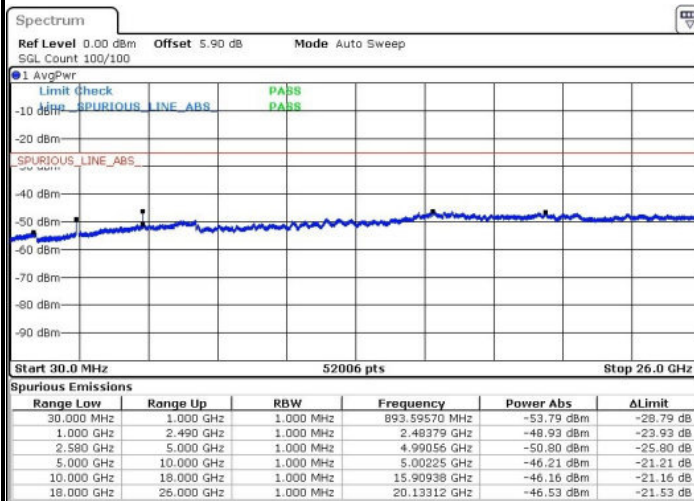
## Highest Channel / 16QAM



Date: 22 MAR 2017 21:06:01

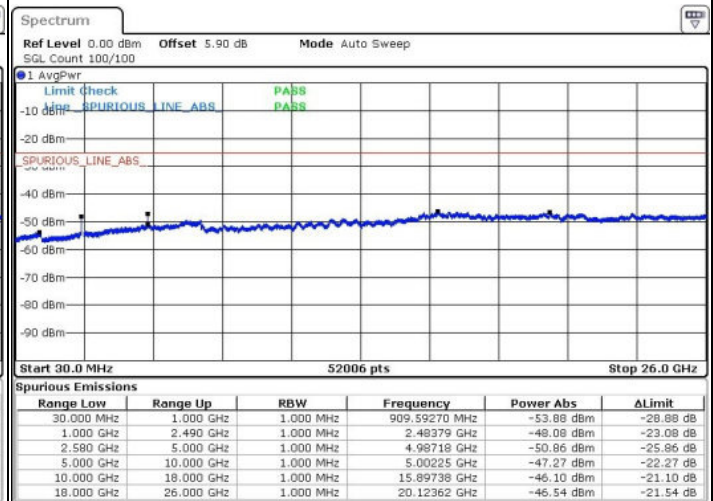
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 22 MAR 2017 21:18:55

## Lowest Channel / 16QAM

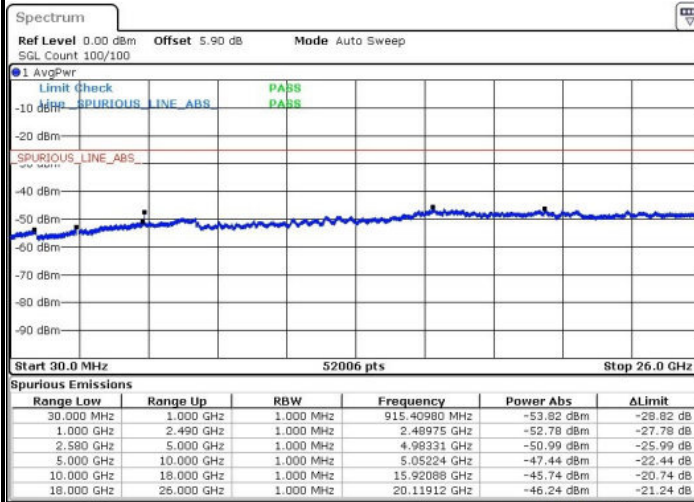


Date: 22 MAR 2017 21:18:02



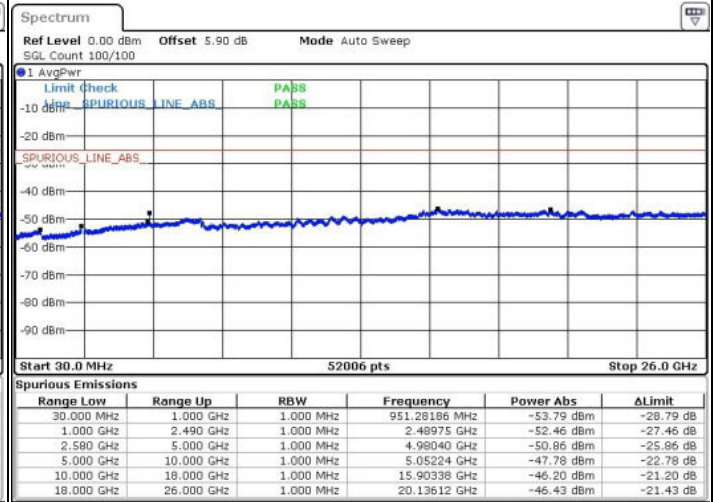
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



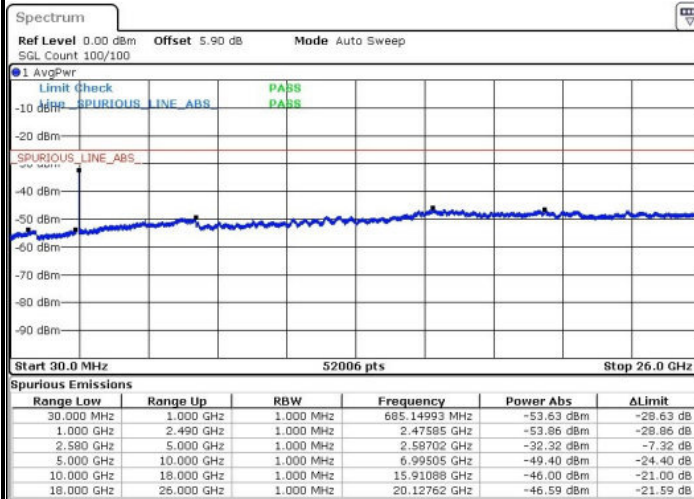
Date: 22 MAR 2017 21:21:11

## Middle Channel / 16QAM



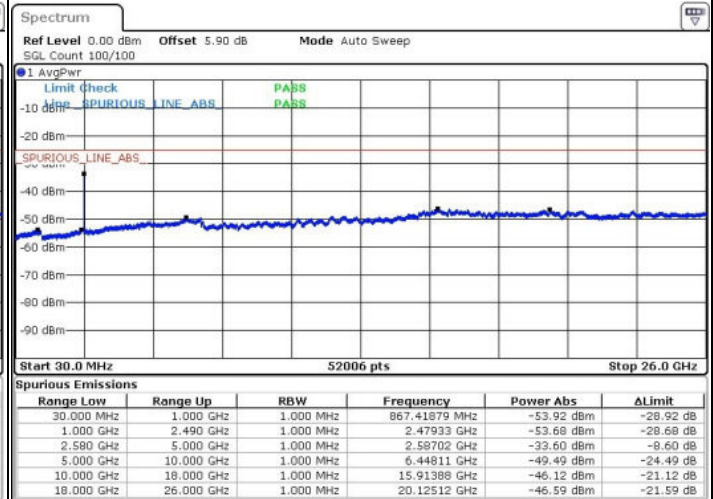
Date: 22 MAR 2017 21:20:21

## Highest Channel / QPSK



Date: 22 MAR 2017 21:40:15

## Highest Channel / 16QAM

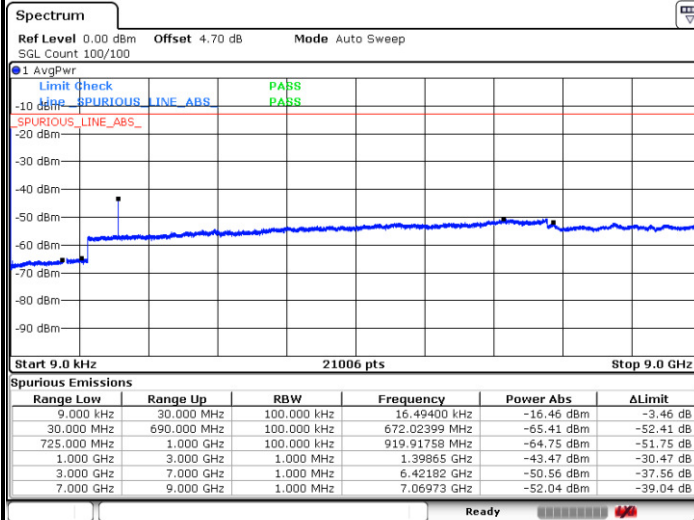


Date: 22 MAR 2017 21:42:09



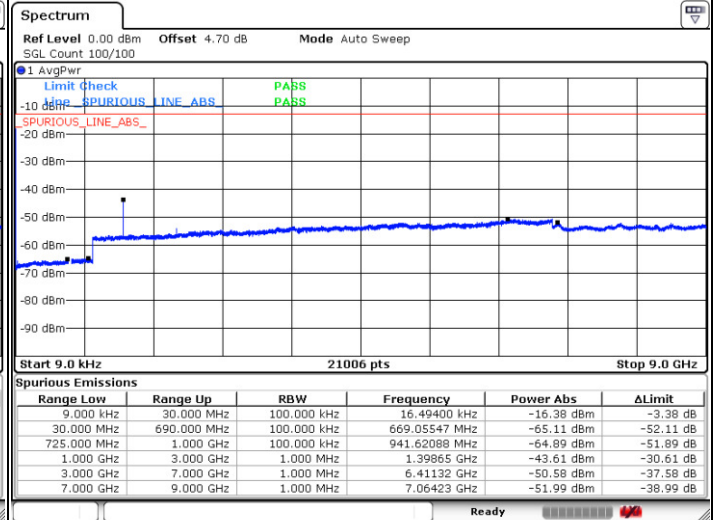
## LTE Band 12 / 1.4MHz

## Lowest Channel / QPSK



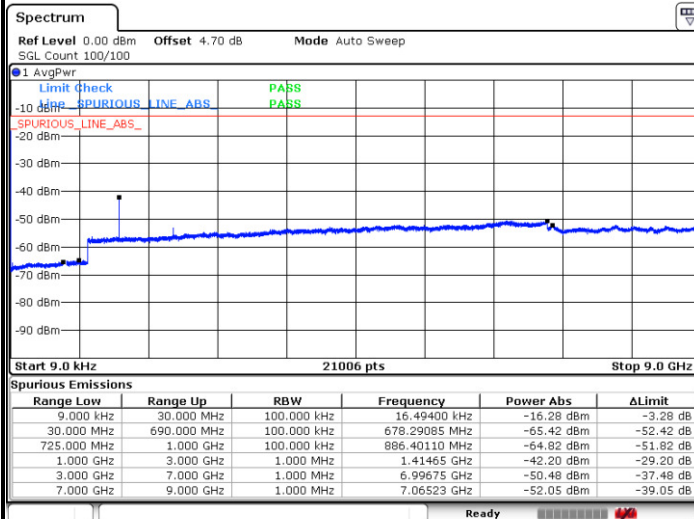
Date: 18 MAR 2017 22:14:13

## Lowest Channel / 16QAM



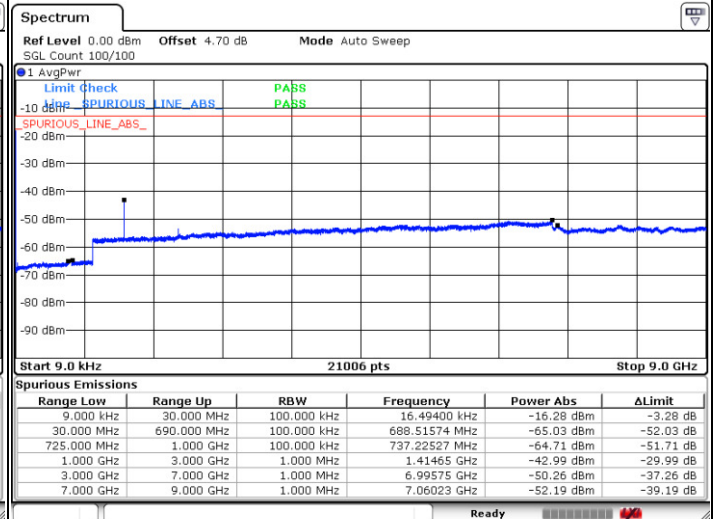
Date: 18 MAR 2017 22:14:57

## Middle Channel / QPSK



Date: 18 MAR 2017 22:15:58

## Middle Channel / 16QAM

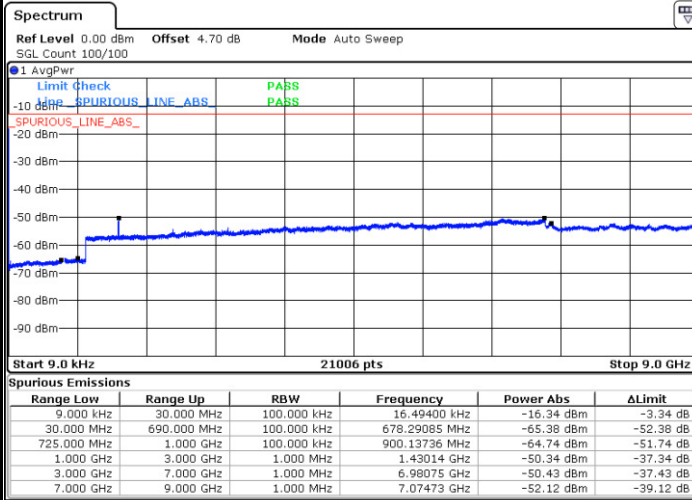


Date: 18 MAR 2017 22:17:01



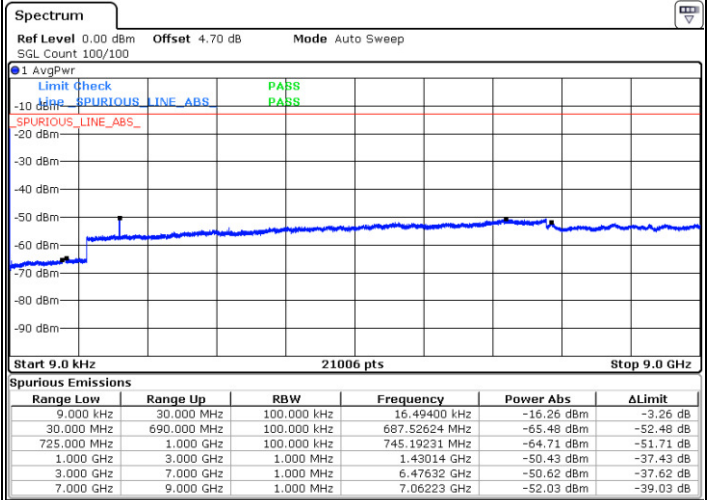
## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK



Date: 18 MAR 2017 22:18:10

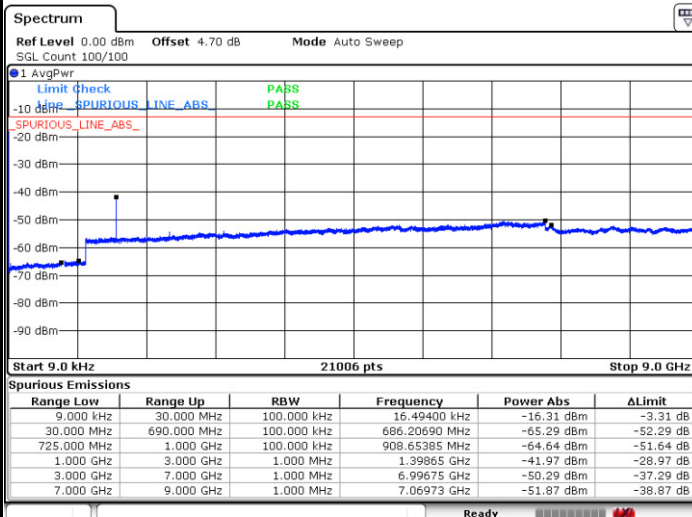
## Highest Channel / 16QAM



Date: 18 MAR 2017 22:18:46

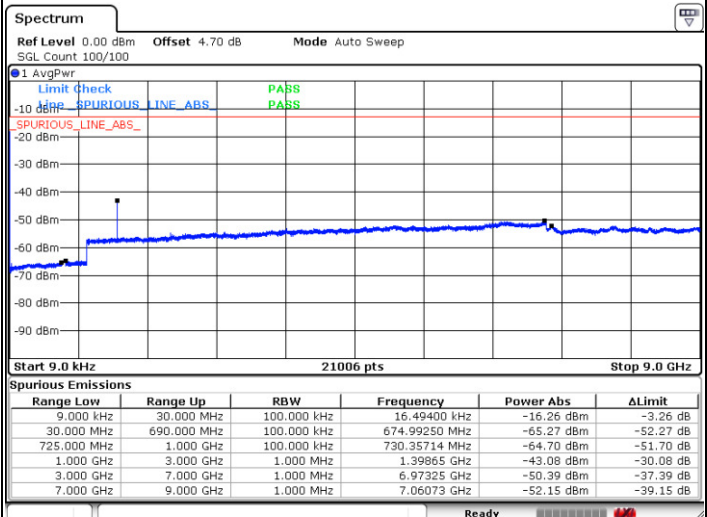
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK



Date: 18 MAR 2017 22:29:47

## Lowest Channel / 16QAM

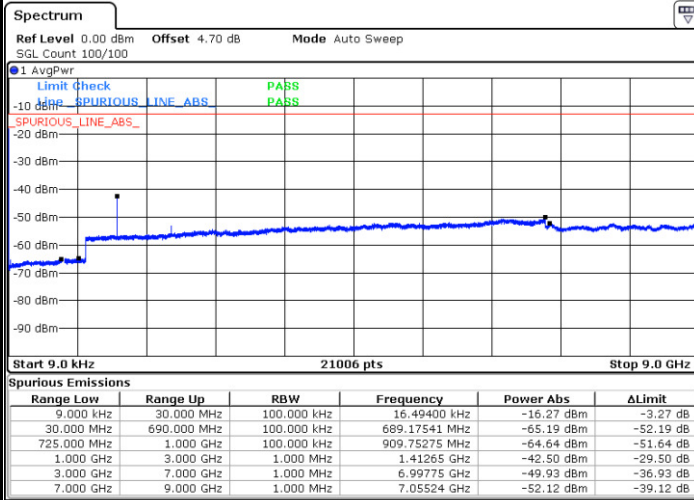


Date: 18 MAR 2017 22:30:24



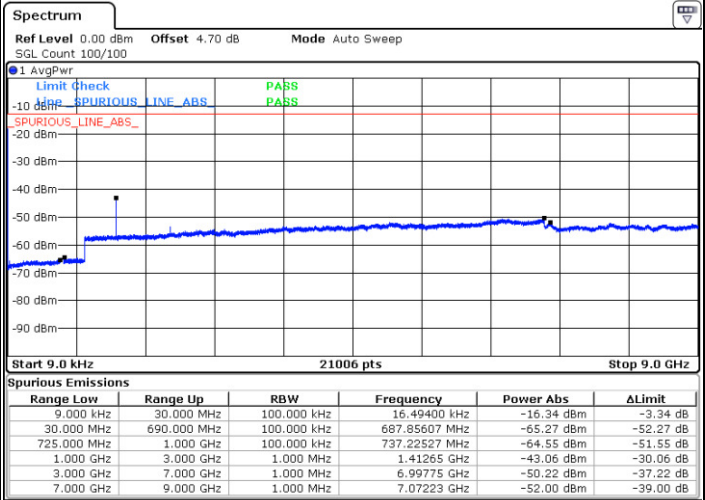
## LTE Band 12 / 3MHz

## Middle Channel / QPSK



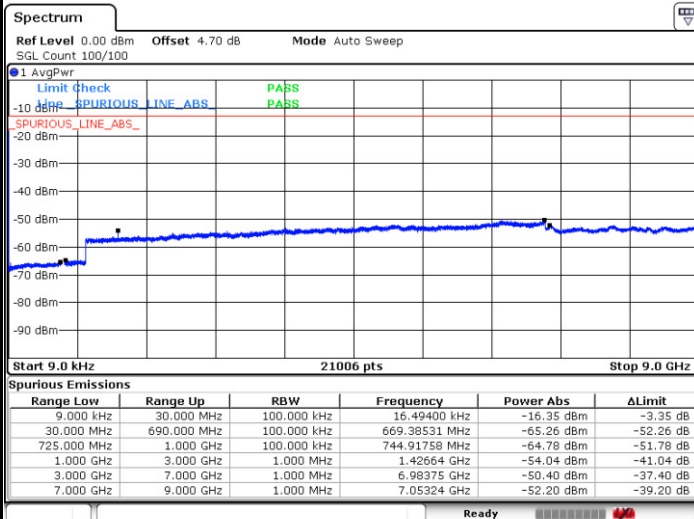
Date: 18 MAR 2017 22:31:09

## Middle Channel / 16QAM



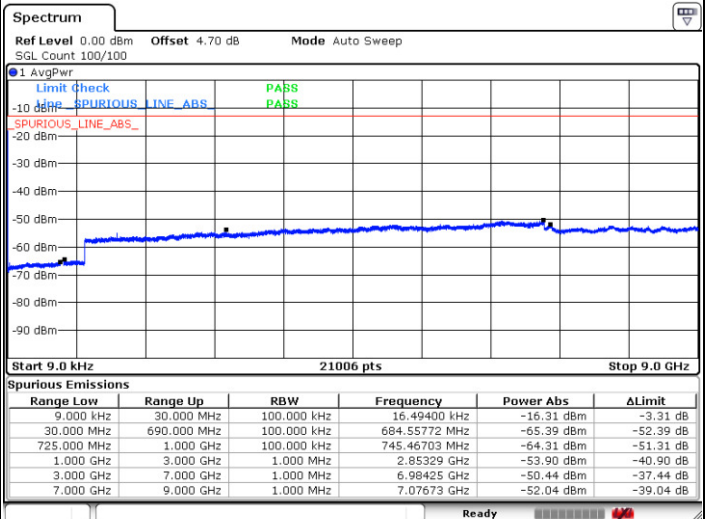
Date: 18 MAR 2017 22:31:43

## Highest Channel / QPSK



Date: 18 MAR 2017 22:32:29

## Highest Channel / 16QAM

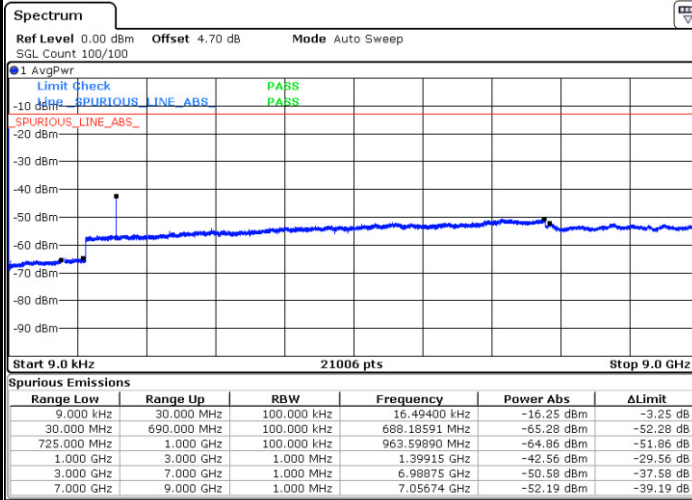


Date: 18 MAR 2017 22:33:02



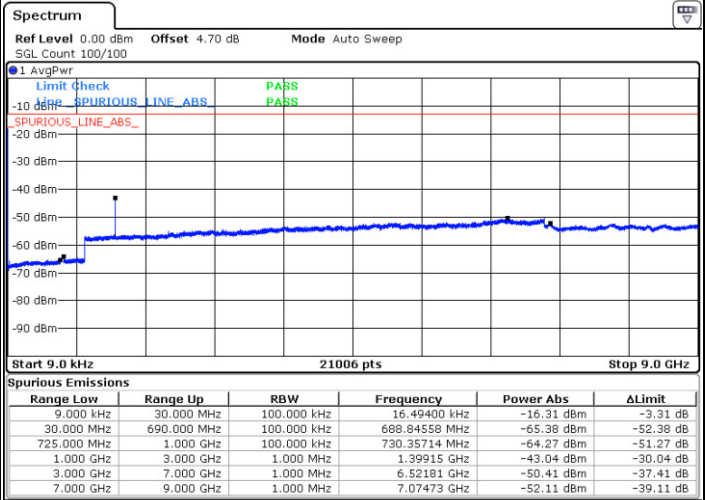
## LTE Band 12 / 5MHz

## Lowest Channel / QPSK



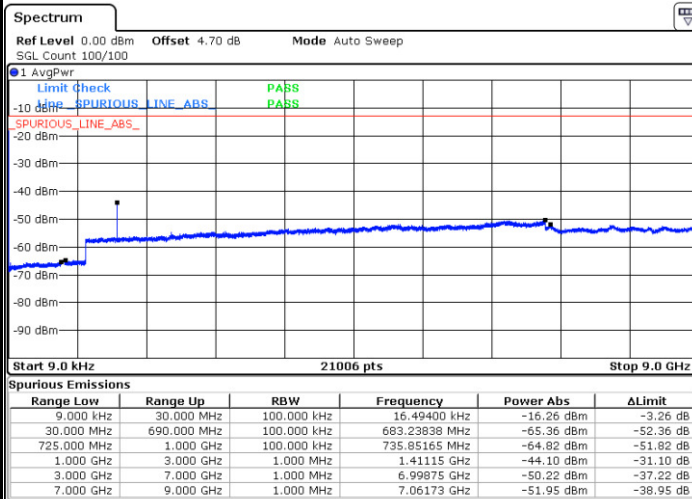
Date: 18 MAR 2017 22:33:58

## Lowest Channel / 16QAM



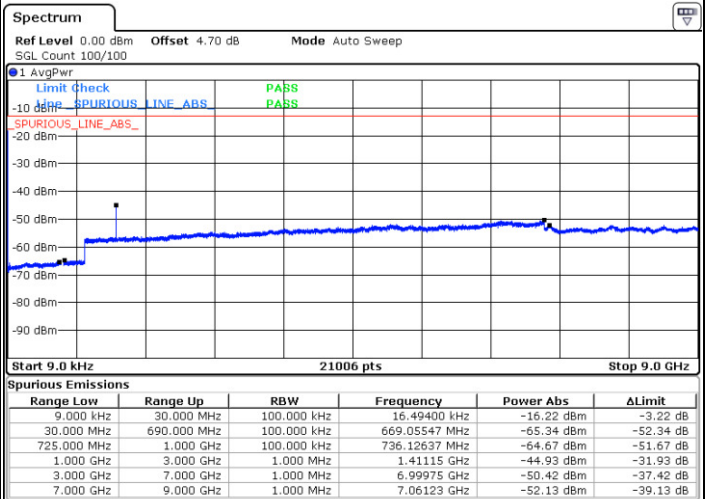
Date: 18 MAR 2017 22:34:33

## Middle Channel / QPSK



Date: 18 MAR 2017 22:35:15

## Middle Channel / 16QAM

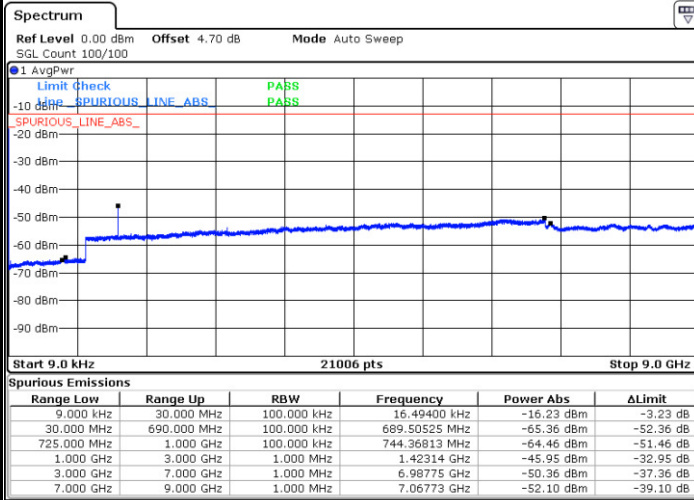


Date: 18 MAR 2017 22:35:51



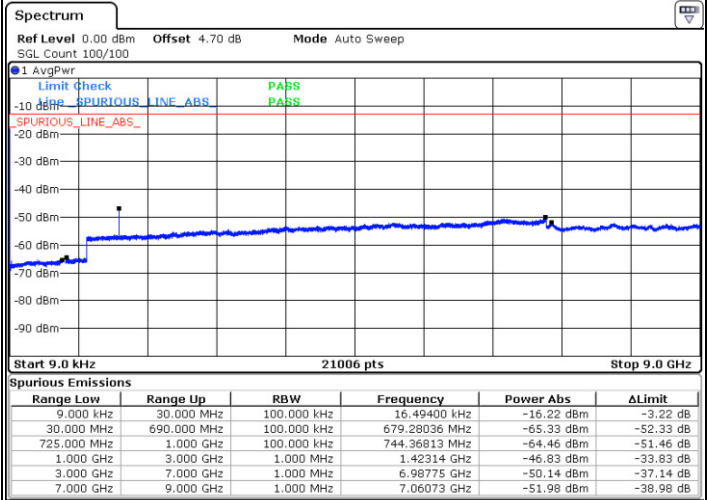
## LTE Band 12 / 5MHz

## Highest Channel / QPSK



Date: 18 MAR 2017 22:36:47

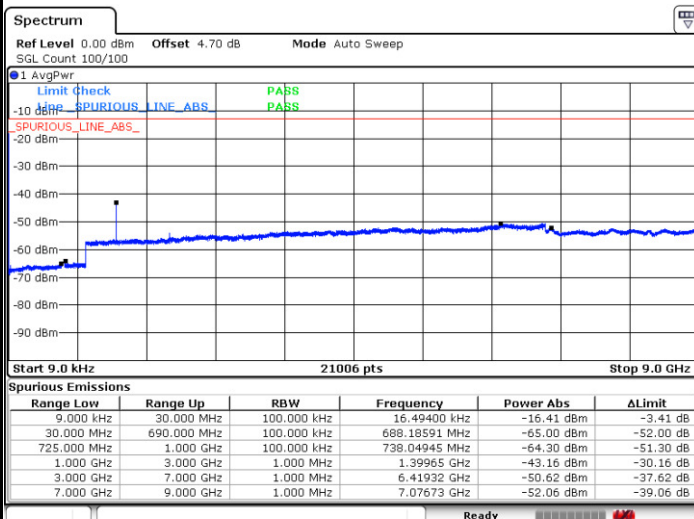
## Highest Channel / 16QAM



Date: 18 MAR 2017 22:37:21

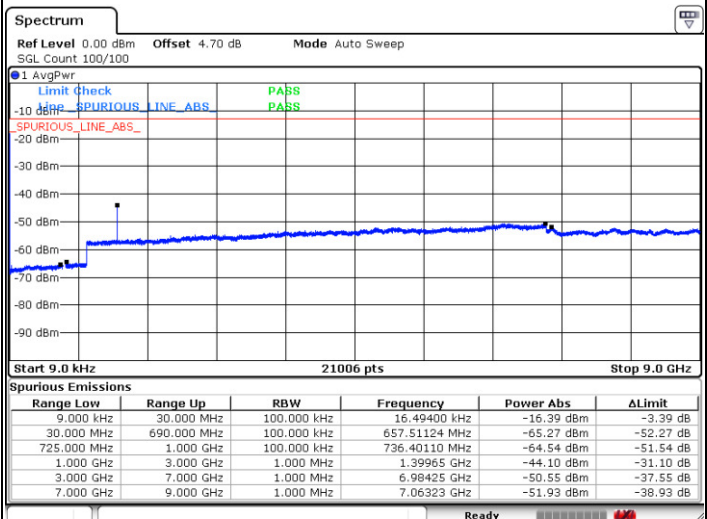
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK



Date: 18 MAR 2017 22:38:26

## Lowest Channel / 16QAM

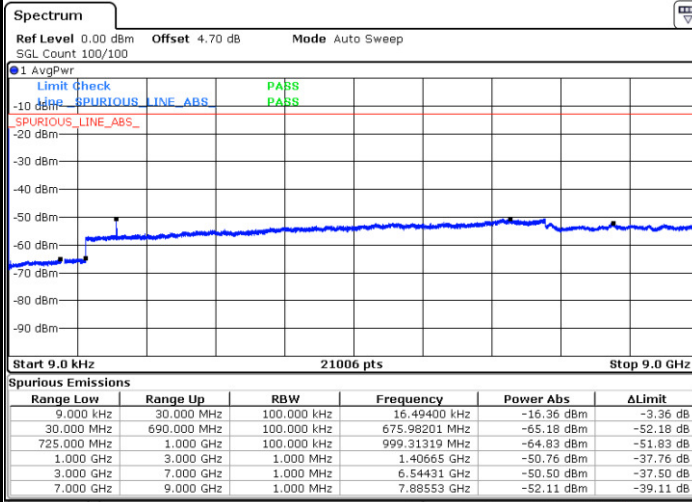


Date: 18 MAR 2017 22:39:34



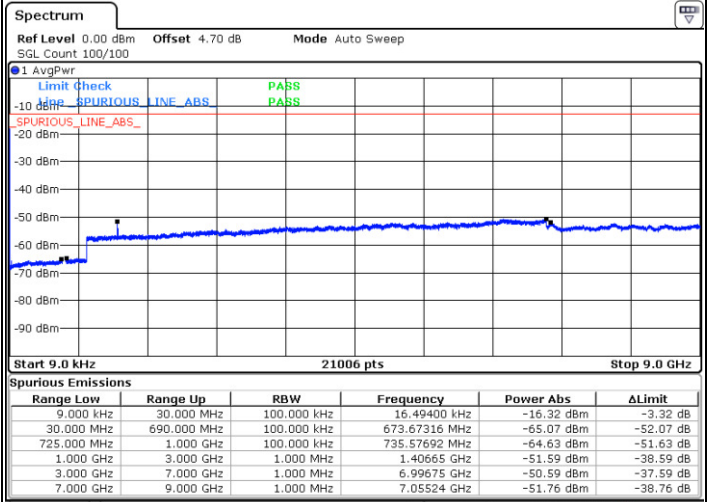
## LTE Band 12 / 10MHz

## Middle Channel / QPSK



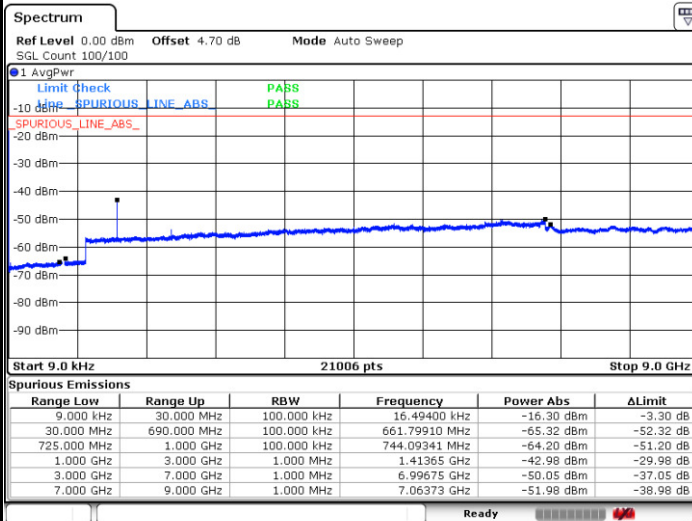
Date: 18 MAR 2017 22:41:06

## Middle Channel / 16QAM



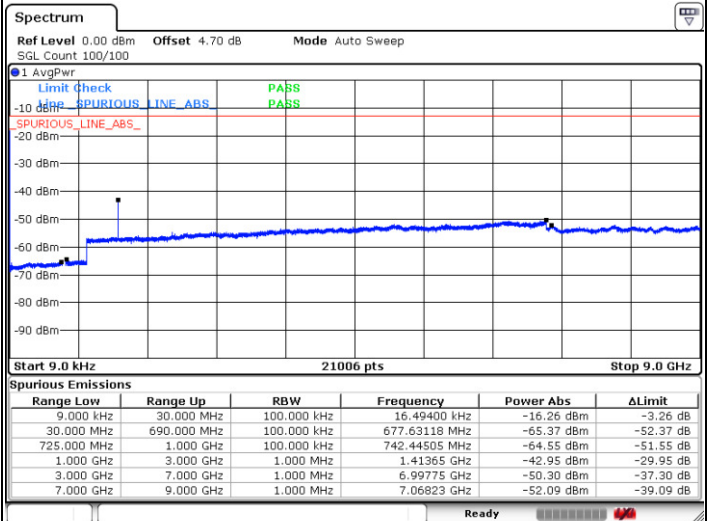
Date: 18 MAR 2017 22:41:44

## Highest Channel / QPSK



Date: 18 MAR 2017 22:42:39

## Highest Channel / 16QAM

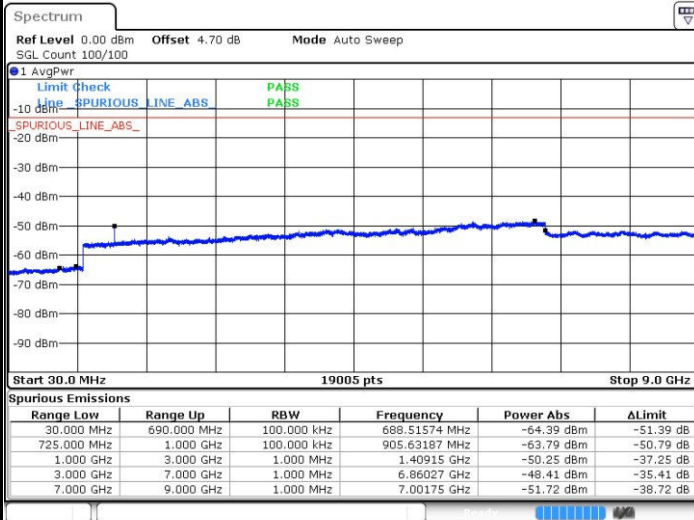


Date: 18 MAR 2017 22:43:27



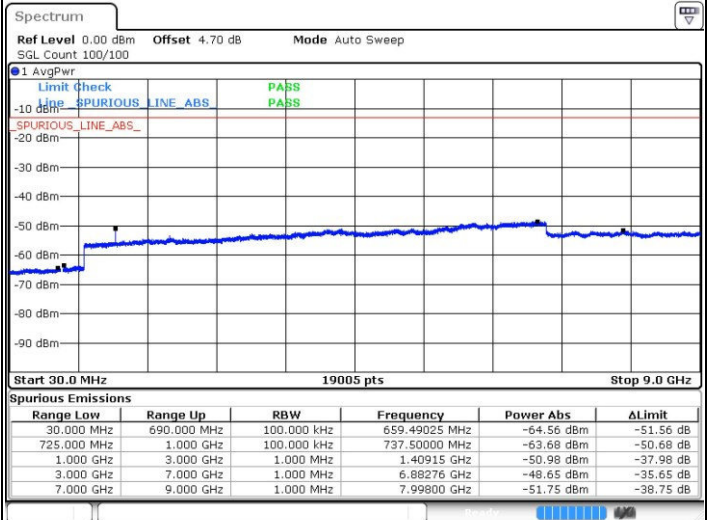
## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



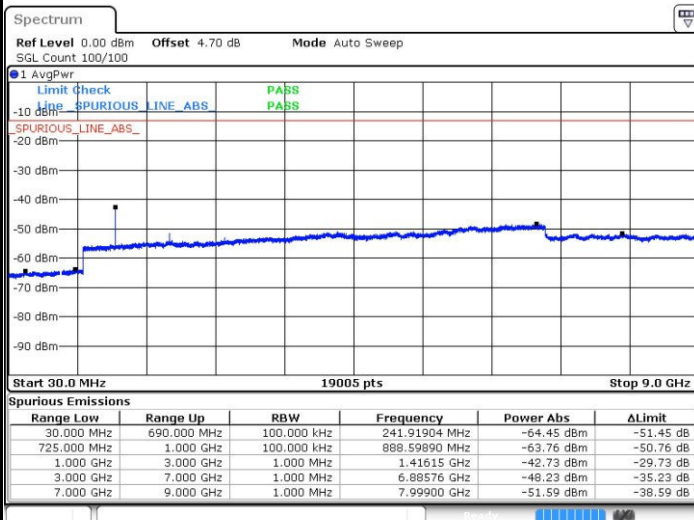
Date: 20 MAR 2017 22:25:14

## Lowest Channel / 16QAM



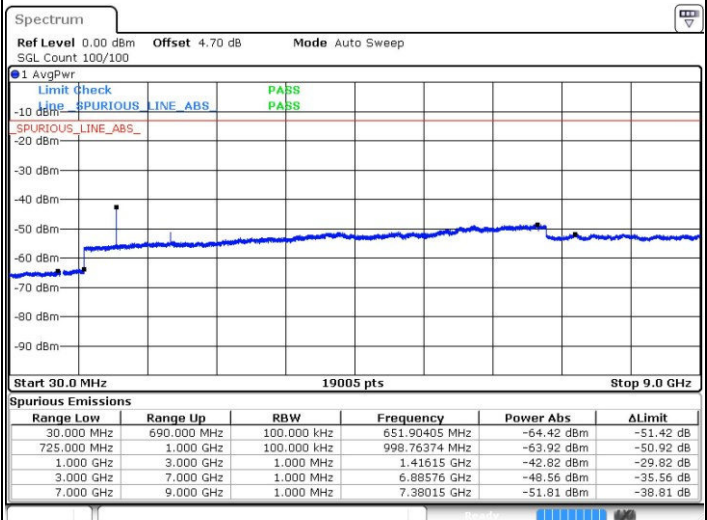
Date: 20 MAR 2017 22:26:10

## Middle Channel / QPSK



Date: 20 MAR 2017 22:27:50

## Middle Channel / 16QAM

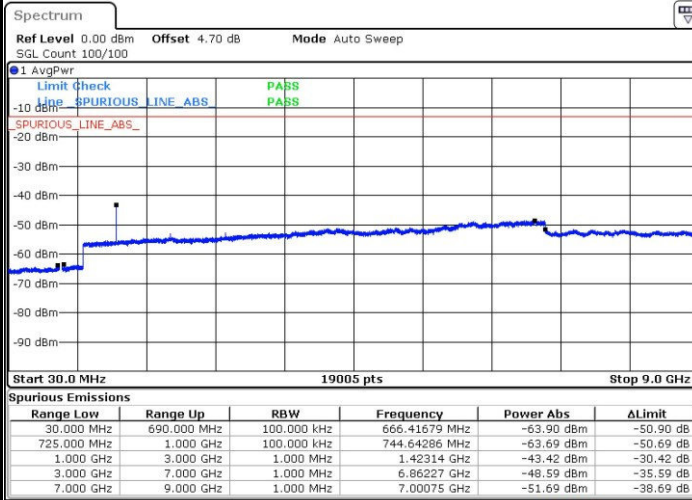


Date: 20 MAR 2017 22:28:45



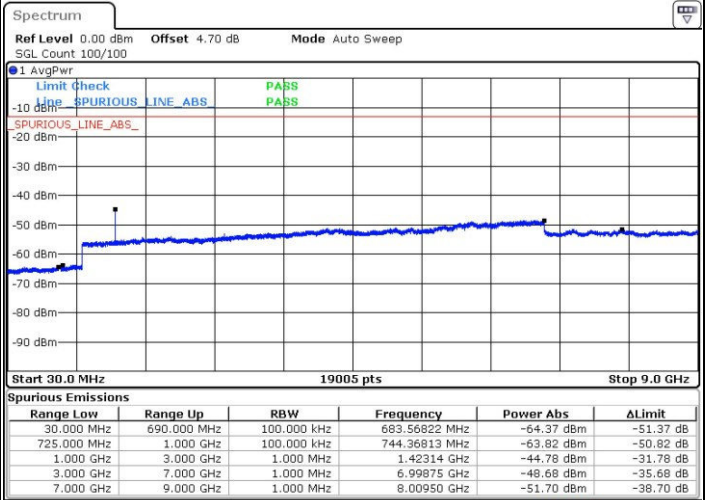
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 20 MAR 2017 22:34:59

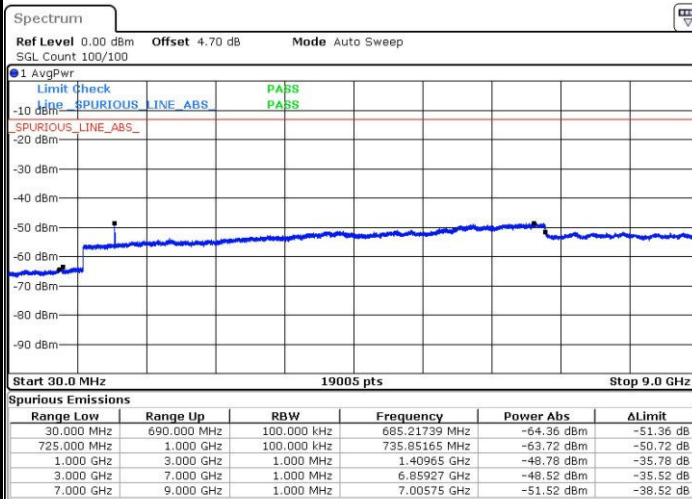
## Highest Channel / 16QAM



Date: 20 MAR 2017 22:35:54

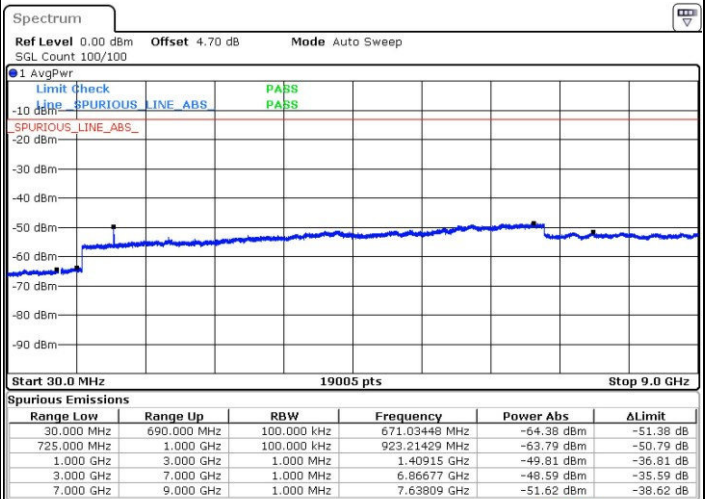
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 20 MAR 2017 22:42:08

## Lowest Channel / 16QAM

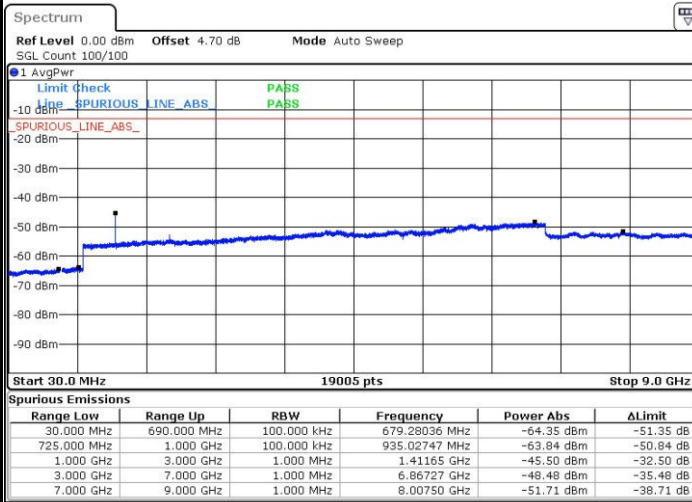


Date: 20 MAR 2017 22:43:04



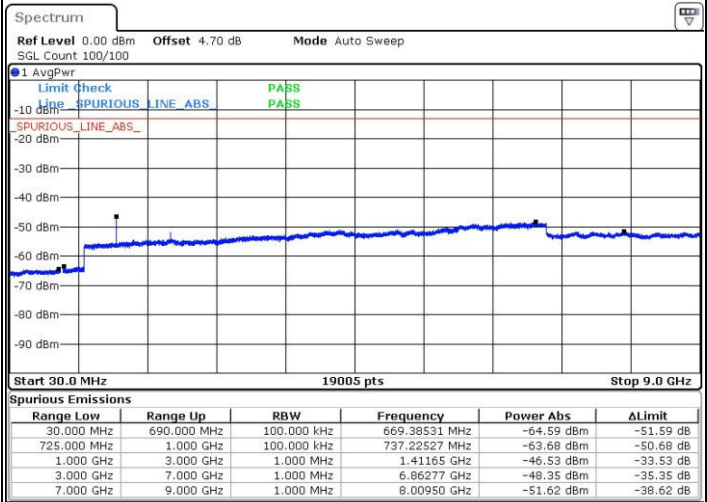
## LTE Band 17 / 10MHz

## Middle Channel / QPSK



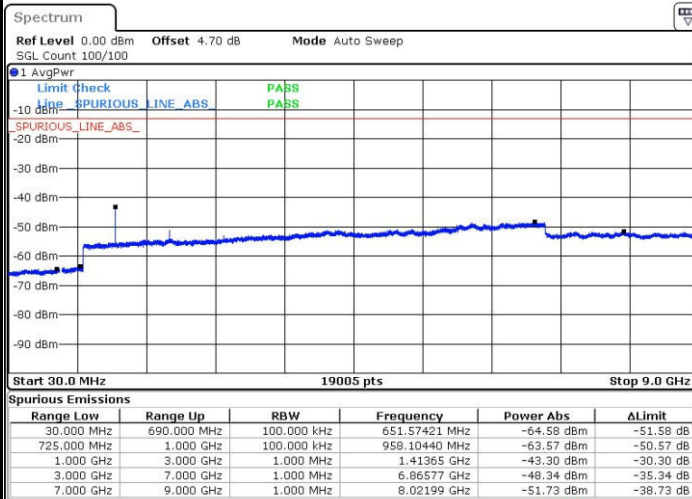
Date: 20 MAR 2017 22:44:44

## Middle Channel / 16QAM



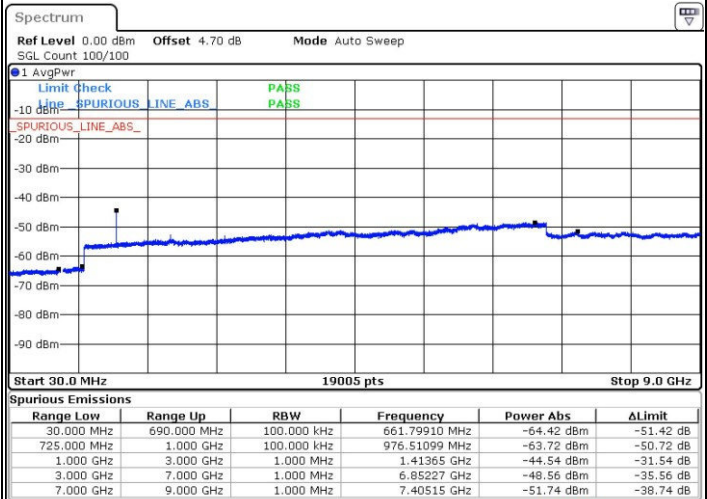
Date: 20 MAR 2017 22:45:39

## Highest Channel / QPSK



Date: 20 MAR 2017 22:51:53

## Highest Channel / 16QAM



Date: 20 MAR 2017 22:52:48

**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    | 0.0002                             | PASS    |
| 40               | Normal Voltage    | 0.0025                             |         |
| 30               | Normal Voltage    | 0.0027                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0003                             |         |
| 0                | Normal Voltage    | 0.0020                             |         |
| -10              | Normal Voltage    | 0.0002                             |         |
| -20              | Normal Voltage    | 0.0023                             |         |
| -30              | Normal Voltage    | 0.0007                             |         |
| 20               | Maximum Voltage   | 0.0005                             |         |
| 20               | Normal Voltage    | 0.0018                             |         |
| 20               | Battery End Point | 0.0028                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions  |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0034                             | PASS    |
| 40               | Normal Voltage    | 0.0003                             |         |
| 30               | Normal Voltage    | 0.0031                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0014                             |         |
| 0                | Normal Voltage    | 0.0004                             |         |
| -10              | Normal Voltage    | 0.0039                             |         |
| -20              | Normal Voltage    | 0.0010                             |         |
| -30              | Normal Voltage    | 0.0034                             |         |
| 20               | Maximum Voltage   | 0.0027                             |         |
| 20               | Normal Voltage    | 0.0047                             |         |
| 20               | Battery End Point | 0.0005                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 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 (°C) | Voltage (Volt)    | BW 10MHz                           | 2.5ppm |
|                  |                   | Deviation (ppm)                    | Result |
| 50               | Normal Voltage    | 0.0062                             | PASS   |
| 40               | Normal Voltage    | 0.0084                             |        |
| 30               | Normal Voltage    | 0.0008                             |        |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |        |
| 10               | Normal Voltage    | 0.0077                             |        |
| 0                | Normal Voltage    | 0.0048                             |        |
| -10              | Normal Voltage    | 0.0073                             |        |
| -20              | Normal Voltage    | 0.0088                             |        |
| -30              | Normal Voltage    | 0.0012                             |        |
| 20               | Maximum Voltage   | 0.0004                             |        |
| 20               | Normal Voltage    | 0.0081                             |        |
| 20               | Battery End Point | 0.0006                             |        |

**Note:** Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 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    | 0.0024                             | PASS    |
| 40               | Normal Voltage    | 0.0022                             |         |
| 30               | Normal Voltage    | 0.0002                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0019                             |         |
| 0                | Normal Voltage    | 0.0001                             |         |
| -10              | Normal Voltage    | 0.0018                             |         |
| -20              | Normal Voltage    | 0.0001                             |         |
| -30              | Normal Voltage    | 0.0002                             |         |
| 20               | Maximum Voltage   | 0.0017                             |         |
| 20               | Normal Voltage    | 0.0001                             |         |
| 20               | Battery End Point | 0.0022                             |         |

**Note:**

1. Normal Voltage =3.85V. ; Battery End Point (BEP) =3.5 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    | 0.0040                              | PASS    |
| 40               | Normal Voltage    | 0.0013                              |         |
| 30               | Normal Voltage    | 0.0025                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0016                              |         |
| 0                | Normal Voltage    | 0.0030                              |         |
| -10              | Normal Voltage    | 0.0018                              |         |
| -20              | Normal Voltage    | 0.0011                              |         |
| -30              | Normal Voltage    | 0.0004                              |         |
| 20               | Maximum Voltage   | 0.0024                              |         |
| 20               | Normal Voltage    | 0.0014                              |         |
| 20               | Battery End Point | 0.0017                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions  |                   | LTE Band 17 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0006                              | PASS    |
| 40               | Normal Voltage    | 0.0056                              |         |
| 30               | Normal Voltage    | 0.0061                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0010                              |         |
| 0                | Normal Voltage    | 0.0048                              |         |
| -10              | Normal Voltage    | 0.0007                              |         |
| -20              | Normal Voltage    | 0.0051                              |         |
| -30              | Normal Voltage    | 0.0015                              |         |
| 20               | Maximum Voltage   | 0.0013                              |         |
| 20               | Normal Voltage    | 0.0039                              |         |
| 20               | Battery End Point | 0.0065                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                          | 3700.32              | -46.45          | -13              | -33.45                  | -61.67                  | -52.49                   | 6.56                       | 12.60                       | H                     |
|                                                 | 5550.48              | -49.11          | -13              | -36.11                  | -68.53                  | -54.21                   | 8                          | 13.10                       | H                     |
|                                                 | 7400.64              | -44.91          | -13              | -31.91                  | -69.31                  | -46.64                   | 9.57                       | 11.30                       | H                     |
|                                                 | 3700.32              | -47.20          | -13              | -34.20                  | -62.73                  | -53.24                   | 6.56                       | 12.6                        | V                     |
|                                                 | 5550.48              | -47.30          | -13              | -34.30                  | -67.32                  | -52.40                   | 8                          | 13.1                        | V                     |
|                                                 | 7400.64              | -45.30          | -13              | -32.30                  | -69.6                   | -47.03                   | 9.57                       | 11.3                        | V                     |
| Middle                                          | 3758.92              | -47.35          | -13              | -34.35                  | -62.63                  | -53.39                   | 6.56                       | 12.60                       | H                     |
|                                                 | 5638.38              | -49.49          | -13              | -36.49                  | -68.84                  | -54.59                   | 8                          | 13.10                       | H                     |
|                                                 | 7517.84              | -45.85          | -13              | -32.85                  | -69.55                  | -47.58                   | 9.57                       | 11.30                       | H                     |
|                                                 | 3758.92              | -48.80          | -13              | -35.80                  | -64.35                  | -54.84                   | 6.56                       | 12.6                        | V                     |
|                                                 | 5638.38              | -47.19          | -13              | -34.19                  | -67.11                  | -52.29                   | 8                          | 13.1                        | V                     |
|                                                 | 7517.84              | -44.86          | -13              | -31.86                  | -68.59                  | -46.59                   | 9.57                       | 11.3                        | V                     |
| Highest                                         | 3817.52              | -47.15          | -13              | -34.15                  | -62.55                  | -53.19                   | 6.56                       | 12.60                       | H                     |
|                                                 | 5726.28              | -47.35          | -13              | -34.35                  | -66.96                  | -52.45                   | 8                          | 13.10                       | H                     |
|                                                 | 7635.04              | -46.06          | -13              | -33.06                  | -69.14                  | -47.79                   | 9.57                       | 11.30                       | H                     |
|                                                 | 3817.52              | -48.69          | -13              | -35.69                  | -64.31                  | -54.73                   | 6.56                       | 12.6                        | V                     |
|                                                 | 5726.28              | -45.79          | -13              | -32.79                  | -66.1                   | -50.89                   | 8                          | 13.1                        | V                     |
|                                                 | 7635.04              | -45.89          | -13              | -32.89                  | -69.1                   | -47.62                   | 9.57                       | 11.3                        | V                     |

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



| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                        | 3700.48              | -45.89          | -13              | -32.89                  | -61.11                  | -51.93                   | 6.56                       | 12.60                       | H                     |
|                                               | 5550.72              | -49.36          | -13              | -36.36                  | -68.78                  | -54.46                   | 8                          | 13.10                       | H                     |
|                                               | 7400.96              | -44.74          | -13              | -31.74                  | -69.14                  | -46.47                   | 9.57                       | 11.30                       | H                     |
|                                               | 3700.48              | -47.70          | -13              | -34.70                  | -63.23                  | -53.74                   | 6.56                       | 12.6                        | V                     |
|                                               | 5550.72              | -46.50          | -13              | -33.50                  | -66.52                  | -51.60                   | 8                          | 13.1                        | V                     |
|                                               | 7400.96              | -45.03          | -13              | -32.03                  | -69.33                  | -46.76                   | 9.57                       | 11.3                        | V                     |
| Middle                                        | 3757.48              | -47.24          | -13              | -34.24                  | -62.52                  | -53.28                   | 6.56                       | 12.60                       | H                     |
|                                               | 5636.22              | -48.71          | -13              | -35.71                  | -68.06                  | -53.81                   | 8                          | 13.10                       | H                     |
|                                               | 7514.96              | -45.49          | -13              | -32.49                  | -69.22                  | -47.22                   | 9.57                       | 11.30                       | H                     |
|                                               | 3757.48              | -49.03          | -13              | -36.03                  | -64.58                  | -55.07                   | 6.56                       | 12.6                        | V                     |
|                                               | 5636.22              | -47.45          | -13              | -34.45                  | -67.37                  | -52.55                   | 8                          | 13.1                        | V                     |
|                                               | 7514.96              | -45.58          | -13              | -32.58                  | -69.34                  | -47.31                   | 9.57                       | 11.3                        | V                     |
| Highest                                       | 3814.48              | -48.24          | -13              | -35.24                  | -63.64                  | -54.28                   | 6.56                       | 12.60                       | H                     |
|                                               | 5721.72              | -48.10          | -13              | -35.10                  | -67.71                  | -53.20                   | 8                          | 13.10                       | H                     |
|                                               | 7628.96              | -45.63          | -13              | -32.63                  | -68.71                  | -47.36                   | 9.57                       | 11.30                       | H                     |
|                                               | 3814.48              | -50.46          | -13              | -37.46                  | -66.08                  | -56.50                   | 6.56                       | 12.6                        | V                     |
|                                               | 5721.72              | -45.55          | -13              | -32.55                  | -65.86                  | -50.65                   | 8                          | 13.1                        | V                     |
|                                               | 7628.96              | -45.96          | -13              | -32.96                  | -69.17                  | -47.69                   | 9.57                       | 11.3                        | 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 ( 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                                        | 3700.68           | -46.36       | -13           | -33.36            | -61.58            | -52.40             | 6.56                 | 12.60                 | H                  |
|                                               | 5551.02           | -48.60       | -13           | -35.60            | -68.02            | -53.70             | 8                    | 13.10                 | H                  |
|                                               | 7401.36           | -45.20       | -13           | -32.20            | -69.60            | -46.93             | 9.57                 | 11.30                 | H                  |
|                                               | 3700.68           | -47.58       | -13           | -34.58            | -63.11            | -53.62             | 6.56                 | 12.6                  | V                  |
|                                               | 5551.02           | -47.61       | -13           | -34.61            | -67.63            | -52.71             | 8                    | 13.1                  | V                  |
|                                               | 7401.36           | -44.80       | -13           | -31.80            | -69.1             | -46.53             | 9.57                 | 11.3                  | V                  |
| Middle                                        | 3755.68           | -47.18       | -13           | -34.18            | -62.46            | -53.22             | 6.56                 | 12.60                 | H                  |
|                                               | 5633.52           | -49.96       | -13           | -36.96            | -69.31            | -55.06             | 8                    | 13.10                 | H                  |
|                                               | 7511.36           | -45.45       | -13           | -32.45            | -69.18            | -47.18             | 9.57                 | 11.30                 | H                  |
|                                               | 3755.68           | -49.77       | -13           | -36.77            | -65.32            | -55.81             | 6.56                 | 12.6                  | V                  |
|                                               | 5633.52           | -46.77       | -13           | -33.77            | -66.69            | -51.87             | 8                    | 13.1                  | V                  |
|                                               | 7511.36           | -44.77       | -13           | -31.77            | -68.53            | -46.50             | 9.57                 | 11.3                  | V                  |
| Highest                                       | 3810.68           | -47.80       | -13           | -34.80            | -63.14            | -53.84             | 6.56                 | 12.60                 | H                  |
|                                               | 5716.02           | -47.62       | -13           | -34.62            | -67.18            | -52.72             | 8                    | 13.10                 | H                  |
|                                               | 7621.36           | -46.19       | -13           | -33.19            | -69.24            | -47.92             | 9.57                 | 11.30                 | H                  |
|                                               | 3810.68           | -50.22       | -13           | -37.22            | -65.78            | -56.26             | 6.56                 | 12.6                  | V                  |
|                                               | 5716.02           | -45.42       | -13           | -32.42            | -65.65            | -50.52             | 8                    | 13.1                  | V                  |
|                                               | 7621.36           | -45.60       | -13           | -32.60            | -68.78            | -47.33             | 9.57                 | 11.3                  | 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) |
| Lowest                                         | 3701.18              | -47.18          | -13              | -34.18                  | -62.40                  | -53.22                   | 6.56                       | 12.60                       | H                     |
|                                                | 5551.77              | -49.58          | -13              | -36.58                  | -69.00                  | -54.68                   | 8                          | 13.10                       | H                     |
|                                                | 7402.36              | -44.64          | -13              | -31.64                  | -69.04                  | -46.37                   | 9.57                       | 11.30                       | H                     |
|                                                | 3701.18              | -46.88          | -13              | -33.88                  | -62.41                  | -52.92                   | 6.56                       | 12.6                        | V                     |
|                                                | 5551.77              | -46.28          | -13              | -33.28                  | -66.3                   | -51.38                   | 8                          | 13.1                        | V                     |
|                                                | 7402.36              | -44.63          | -13              | -31.63                  | -68.93                  | -46.36                   | 9.57                       | 11.3                        | V                     |
| Middle                                         | 3751.18              | -47.13          | -13              | -34.13                  | -62.41                  | -53.17                   | 6.56                       | 12.60                       | H                     |
|                                                | 5626.77              | -50.10          | -13              | -37.10                  | -69.52                  | -55.20                   | 8                          | 13.10                       | H                     |
|                                                | 7502.36              | -44.65          | -13              | -31.65                  | -68.49                  | -46.38                   | 9.57                       | 11.30                       | H                     |
|                                                | 3751.18              | -48.97          | -13              | -35.97                  | -64.52                  | -55.01                   | 6.56                       | 12.6                        | V                     |
|                                                | 5626.77              | -46.38          | -13              | -33.38                  | -66.38                  | -51.48                   | 8                          | 13.1                        | V                     |
|                                                | 7502.36              | -45.99          | -13              | -32.99                  | -69.84                  | -47.72                   | 9.57                       | 11.3                        | V                     |
| Highest                                        | 3801.18              | -48.48          | -13              | -35.48                  | -63.82                  | -54.52                   | 6.56                       | 12.60                       | H                     |
|                                                | 5701.77              | -49.63          | -13              | -36.63                  | -69.19                  | -54.73                   | 8                          | 13.10                       | H                     |
|                                                | 7602.36              | -46.00          | -13              | -33.00                  | -69.06                  | -47.73                   | 9.57                       | 11.30                       | H                     |
|                                                | 3801.18              | -50.90          | -13              | -37.90                  | -66.46                  | -56.94                   | 6.56                       | 12.6                        | V                     |
|                                                | 5701.77              | -46.46          | -13              | -33.46                  | -66.69                  | -51.56                   | 8                          | 13.1                        | V                     |
|                                                | 7602.36              | -45.69          | -13              | -32.69                  | -68.88                  | -47.42                   | 9.57                       | 11.3                        | 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) |
| Lowest                                         | 3701.68              | -46.50          | -13              | -33.50                  | -61.72                  | -52.54                   | 6.56                       | 12.60                       | H                     |
|                                                | 5552.52              | -48.38          | -13              | -35.38                  | -67.80                  | -53.48                   | 8                          | 13.10                       | H                     |
|                                                | 7403.36              | -44.49          | -13              | -31.49                  | -68.89                  | -46.22                   | 9.57                       | 11.30                       | H                     |
|                                                | 3701.68              | -47.03          | -13              | -34.03                  | -62.56                  | -53.07                   | 6.56                       | 12.6                        | V                     |
|                                                | 5552.52              | -47.21          | -13              | -34.21                  | -67.23                  | -52.31                   | 8                          | 13.1                        | V                     |
|                                                | 7403.36              | -45.22          | -13              | -32.22                  | -69.52                  | -46.95                   | 9.57                       | 11.3                        | V                     |
| Middle                                         | 3746.68              | -47.69          | -13              | -34.69                  | -62.97                  | -53.73                   | 6.56                       | 12.60                       | H                     |
|                                                | 5620.02              | -47.35          | -13              | -34.35                  | -66.77                  | -52.45                   | 8                          | 13.10                       | H                     |
|                                                | 7493.36              | -45.24          | -13              | -32.24                  | -69.08                  | -46.97                   | 9.57                       | 11.30                       | H                     |
|                                                | 3746.68              | -48.76          | -13              | -35.76                  | -64.31                  | -54.80                   | 6.56                       | 12.6                        | V                     |
|                                                | 5620.02              | -46.61          | -13              | -33.61                  | -66.61                  | -51.71                   | 8                          | 13.1                        | V                     |
|                                                | 7493.36              | -45.69          | -13              | -32.69                  | -69.54                  | -47.42                   | 9.57                       | 11.3                        | V                     |
| Highest                                        | 3791.68              | -47.62          | -13              | -34.62                  | -62.94                  | -53.66                   | 6.56                       | 12.60                       | H                     |
|                                                | 5687.52              | -47.82          | -13              | -34.82                  | -67.33                  | -52.92                   | 8                          | 13.10                       | H                     |
|                                                | 7583.36              | -46.22          | -13              | -33.22                  | -69.42                  | -47.95                   | 9.57                       | 11.30                       | H                     |
|                                                | 3791.68              | -50.45          | -13              | -37.45                  | -66.01                  | -56.49                   | 6.56                       | 12.6                        | V                     |
|                                                | 5687.52              | -47.30          | -13              | -34.30                  | -67.45                  | -52.40                   | 8                          | 13.1                        | V                     |
|                                                | 7583.36              | -46.02          | -13              | -33.02                  | -69.33                  | -47.75                   | 9.57                       | 11.3                        | 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) |
| Lowest                                         | 3702.18              | -46.26          | -13              | -33.26                  | -61.48                  | -52.30                   | 6.56                       | 12.60                       | H                     |
|                                                | 5553.27              | -48.37          | -13              | -35.37                  | -67.79                  | -53.47                   | 8                          | 13.10                       | H                     |
|                                                | 7404.36              | -44.91          | -13              | -31.91                  | -69.31                  | -46.64                   | 9.57                       | 11.30                       | H                     |
|                                                | 3702.18              | -47.13          | -13              | -34.13                  | -62.66                  | -53.17                   | 6.56                       | 12.6                        | V                     |
|                                                | 5553.27              | -46.32          | -13              | -33.32                  | -66.34                  | -51.42                   | 8                          | 13.1                        | V                     |
|                                                | 7404.36              | -44.41          | -13              | -31.41                  | -68.71                  | -46.14                   | 9.57                       | 11.3                        | V                     |
| Middle                                         | 3742.18              | -48.26          | -13              | -35.26                  | -63.52                  | -54.30                   | 6.56                       | 12.60                       | H                     |
|                                                | 5613.27              | -50.18          | -13              | -37.18                  | -69.67                  | -55.28                   | 8                          | 13.10                       | H                     |
|                                                | 7484.36              | -45.96          | -13              | -32.96                  | -69.91                  | -47.69                   | 9.57                       | 11.30                       | H                     |
|                                                | 3742.18              | -49.08          | -13              | -36.08                  | -64.63                  | -55.12                   | 6.56                       | 12.6                        | V                     |
|                                                | 5613.27              | -48.21          | -13              | -35.21                  | -68.28                  | -53.31                   | 8                          | 13.1                        | V                     |
|                                                | 7484.36              | -45.16          | -13              | -32.16                  | -69.1                   | -46.89                   | 9.57                       | 11.3                        | V                     |
| Highest                                        | 3782.18              | -47.36          | -13              | -34.36                  | -62.68                  | -53.40                   | 6.56                       | 12.60                       | H                     |
|                                                | 5673.27              | -48.42          | -13              | -35.42                  | -67.87                  | -53.52                   | 8                          | 13.10                       | H                     |
|                                                | 7564.36              | -45.77          | -13              | -32.77                  | -69.11                  | -47.50                   | 9.57                       | 11.30                       | H                     |
|                                                | 3782.18              | -50.45          | -13              | -37.45                  | -66.01                  | -56.49                   | 6.56                       | 12.6                        | V                     |
|                                                | 5673.27              | -46.20          | -13              | -33.20                  | -66.28                  | -51.30                   | 8                          | 13.1                        | V                     |
|                                                | 7564.36              | -46.07          | -13              | -33.07                  | -69.5                   | -47.80                   | 9.57                       | 11.3                        | 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) |
| Lowest                                          | 3420.32              | -48.16          | -13              | -35.16                  | -61.50                  | -54.58                   | 6.18                       | 12.60                       | H                     |
|                                                 | 5130.48              | -44.05          | -13              | -31.05                  | -63.39                  | -49.01                   | 7.74                       | 12.70                       | H                     |
|                                                 | 6840.64              | -48.29          | -13              | -35.29                  | -69.87                  | -50.99                   | 9                          | 11.70                       | H                     |
|                                                 | 3420.32              | -47.51          | -13              | -34.51                  | -61.2                   | -53.93                   | 6.18                       | 12.60                       | V                     |
|                                                 | 5130.48              | -48.17          | -13              | -35.17                  | -68.24                  | -53.13                   | 7.74                       | 12.70                       | V                     |
|                                                 | 6840.64              | -47.88          | -13              | -34.88                  | -70.06                  | -50.58                   | 9                          | 11.70                       | V                     |
| Middle                                          | 3463.74              | -48.92          | -13              | -35.92                  | -62.74                  | -55.34                   | 6.18                       | 12.60                       | H                     |
|                                                 | 5195.61              | -46.14          | -13              | -33.14                  | -65.47                  | -51.10                   | 7.74                       | 12.70                       | H                     |
|                                                 | 6927.48              | -47.95          | -13              | -34.95                  | -70.16                  | -50.65                   | 9                          | 11.70                       | H                     |
|                                                 | 3463.74              | -50.40          | -13              | -37.40                  | -64.58                  | -56.82                   | 6.18                       | 12.60                       | V                     |
|                                                 | 5195.61              | -48.33          | -13              | -35.33                  | -68.33                  | -53.29                   | 7.74                       | 12.70                       | V                     |
|                                                 | 6927.48              | -47.29          | -13              | -34.29                  | -70.03                  | -49.99                   | 9                          | 11.70                       | V                     |
| Highest                                         | 3507.52              | -49.52          | -13              | -36.52                  | -63.81                  | -55.94                   | 6.18                       | 12.60                       | H                     |
|                                                 | 5261.28              | -44.89          | -13              | -31.89                  | -63.96                  | -49.85                   | 7.74                       | 12.70                       | H                     |
|                                                 | 7015.04              | -47.49          | -13              | -34.49                  | -70.28                  | -50.19                   | 9                          | 11.70                       | H                     |
|                                                 | 3507.52              | -49.99          | -13              | -36.99                  | -64.66                  | -56.41                   | 6.18                       | 12.60                       | V                     |
|                                                 | 5261.28              | -47.06          | -13              | -34.06                  | -66.56                  | -52.02                   | 7.74                       | 12.70                       | V                     |
|                                                 | 7015.04              | -45.83          | -13              | -32.83                  | -69.08                  | -48.53                   | 9                          | 11.70                       | 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) |
| Lowest                                        | 3420.48              | -48.29          | -13              | -35.29                  | -61.63                  | -54.71                   | 6.18                       | 12.60                       | H                     |
|                                               | 5130.72              | -43.97          | -13              | -30.97                  | -63.31                  | -48.93                   | 7.74                       | 12.70                       | H                     |
|                                               | 6840.96              | -48.30          | -13              | -35.30                  | -69.88                  | -51.00                   | 9                          | 11.70                       | H                     |
|                                               | 3420.48              | -47.30          | -13              | -34.30                  | -60.99                  | -53.72                   | 6.18                       | 12.60                       | V                     |
|                                               | 5130.72              | -47.91          | -13              | -34.91                  | -67.98                  | -52.87                   | 7.74                       | 12.70                       | V                     |
|                                               | 6840.96              | -47.73          | -13              | -34.73                  | -69.91                  | -50.43                   | 9                          | 11.70                       | V                     |
| Middle                                        | 3462.48              | -49.04          | -13              | -36.04                  | -62.86                  | -55.46                   | 6.18                       | 12.60                       | H                     |
|                                               | 5193.72              | -46.06          | -13              | -33.06                  | -65.40                  | -51.02                   | 7.74                       | 12.70                       | H                     |
|                                               | 6924.96              | -48.15          | -13              | -35.15                  | -70.36                  | -50.85                   | 9                          | 11.70                       | H                     |
|                                               | 3462.48              | -50.19          | -13              | -37.19                  | -64.37                  | -56.61                   | 6.18                       | 12.60                       | V                     |
|                                               | 5193.72              | -46.60          | -13              | -33.60                  | -66.61                  | -51.56                   | 7.74                       | 12.70                       | V                     |
|                                               | 6924.96              | -47.38          | -13              | -34.38                  | -70.12                  | -50.08                   | 9                          | 11.70                       | V                     |
| Highest                                       | 3504.48              | -50.24          | -13              | -37.24                  | -64.37                  | -56.66                   | 6.18                       | 12.60                       | H                     |
|                                               | 5256.72              | -43.94          | -13              | -30.94                  | -62.98                  | -48.90                   | 7.74                       | 12.70                       | H                     |
|                                               | 7008.96              | -47.37          | -13              | -34.37                  | -70.06                  | -50.07                   | 9                          | 11.70                       | H                     |
|                                               | 3505.2               | -50.29          | -13              | -37.29                  | -64.79                  | -56.71                   | 6.18                       | 12.60                       | V                     |
|                                               | 5257.8               | -45.30          | -13              | -32.30                  | -64.74                  | -50.26                   | 7.74                       | 12.70                       | V                     |
|                                               | 7010.4               | -46.24          | -13              | -33.24                  | -69.41                  | -48.94                   | 9                          | 11.70                       | 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<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              | -48.17          | -13              | -35.17                  | -61.51                  | -54.59                   | 6.18                       | 12.60                       | H                     |
|                                               | 5131.02              | -44.36          | -13              | -31.36                  | -63.70                  | -49.32                   | 7.74                       | 12.70                       | H                     |
|                                               | 6841.36              | -47.39          | -13              | -34.39                  | -68.97                  | -50.09                   | 9                          | 11.70                       | H                     |
|                                               | 3420.68              | -46.68          | -13              | -33.68                  | -60.37                  | -53.10                   | 6.18                       | 12.60                       | V                     |
|                                               | 5131.02              | -48.96          | -13              | -35.96                  | -69.03                  | -53.92                   | 7.74                       | 12.70                       | V                     |
|                                               | 6841.36              | -47.16          | -13              | -34.16                  | -69.34                  | -49.86                   | 9                          | 11.70                       | V                     |
| Middle                                        | 3460.68              | -49.80          | -13              | -36.80                  | -63.62                  | -56.22                   | 6.18                       | 12.60                       | H                     |
|                                               | 5191.02              | -46.41          | -13              | -33.41                  | -65.75                  | -51.37                   | 7.74                       | 12.70                       | H                     |
|                                               | 6921.36              | -47.76          | -13              | -34.76                  | -69.83                  | -50.46                   | 9                          | 11.70                       | H                     |
|                                               | 3460.68              | -50.21          | -13              | -37.21                  | -64.39                  | -56.63                   | 6.18                       | 12.60                       | V                     |
|                                               | 5191.02              | -47.02          | -13              | -34.02                  | -67.03                  | -51.98                   | 7.74                       | 12.70                       | V                     |
|                                               | 6921.36              | -47.25          | -13              | -34.25                  | -69.87                  | -49.95                   | 9                          | 11.70                       | V                     |
| Highest                                       | 3500.68              | -49.54          | -13              | -36.54                  | -63.67                  | -55.96                   | 6.18                       | 12.60                       | H                     |
|                                               | 5251.02              | -44.31          | -13              | -31.31                  | -63.35                  | -49.27                   | 7.74                       | 12.70                       | H                     |
|                                               | 7001.36              | -47.16          | -13              | -34.16                  | -69.85                  | -49.86                   | 9                          | 11.70                       | H                     |
|                                               | 3500.68              | -49.46          | -13              | -36.46                  | -63.96                  | -55.88                   | 6.18                       | 12.60                       | V                     |
|                                               | 5251.02              | -45.88          | -13              | -32.88                  | -65.32                  | -50.84                   | 7.74                       | 12.70                       | V                     |
|                                               | 7001.36              | -46.63          | -13              | -33.63                  | -69.8                   | -49.33                   | 9                          | 11.70                       | 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<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              | -47.72          | -13              | -34.72                  | -61.06                  | -54.14                   | 6.18                       | 12.60                       | H                     |
|                                                | 5131.77              | -45.12          | -13              | -32.12                  | -64.46                  | -50.08                   | 7.74                       | 12.70                       | H                     |
|                                                | 6842.36              | -48.62          | -13              | -35.62                  | -70.20                  | -51.32                   | 9                          | 11.70                       | H                     |
|                                                | 3421.18              | -46.44          | -13              | -33.44                  | -60.13                  | -52.86                   | 6.18                       | 12.60                       | V                     |
|                                                | 5131.77              | -47.28          | -13              | -34.28                  | -67.35                  | -52.24                   | 7.74                       | 12.70                       | V                     |
|                                                | 6842.36              | -47.83          | -13              | -34.83                  | -70.01                  | -50.53                   | 9                          | 11.70                       | V                     |
| Middle                                         | 3456.18              | -49.54          | -13              | -36.54                  | -63.20                  | -55.96                   | 6.18                       | 12.60                       | H                     |
|                                                | 5184.27              | -44.33          | -13              | -31.33                  | -63.67                  | -49.29                   | 7.74                       | 12.70                       | H                     |
|                                                | 6912.36              | -47.98          | -13              | -34.98                  | -70.05                  | -50.68                   | 9                          | 11.70                       | H                     |
|                                                | 3456.18              | -50.18          | -13              | -37.18                  | -64.19                  | -56.60                   | 6.18                       | 12.60                       | V                     |
|                                                | 5184.27              | -46.29          | -13              | -33.29                  | -66.31                  | -51.25                   | 7.74                       | 12.70                       | V                     |
|                                                | 6912.36              | -47.06          | -13              | -34.06                  | -69.68                  | -49.76                   | 9                          | 11.70                       | V                     |
| Highest                                        | 3491.18              | -48.49          | -13              | -35.49                  | -62.62                  | -54.91                   | 6.18                       | 12.60                       | H                     |
|                                                | 5236.77              | -41.69          | -13              | -28.69                  | -60.84                  | -46.65                   | 7.74                       | 12.70                       | H                     |
|                                                | 6982.36              | -45.65          | -13              | -32.65                  | -68.21                  | -48.35                   | 9                          | 11.70                       | H                     |
|                                                | 3491.18              | -47.30          | -13              | -34.30                  | -61.8                   | -53.72                   | 6.18                       | 12.60                       | V                     |
|                                                | 5236.77              | -45.54          | -13              | -32.54                  | -65.18                  | -50.50                   | 7.74                       | 12.70                       | V                     |
|                                                | 6982.36              | -46.24          | -13              | -33.24                  | -69.29                  | -48.94                   | 9                          | 11.70                       | 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) |
| Lowest                                         | 3421.68              | -48.44          | -13              | -35.44                  | -61.78                  | -54.86                   | 6.18                       | 12.60                       | H                     |
|                                                | 5132.52              | -45.32          | -13              | -32.32                  | -64.66                  | -50.28                   | 7.74                       | 12.70                       | H                     |
|                                                | 6843.36              | -47.81          | -13              | -34.81                  | -69.39                  | -50.51                   | 9                          | 11.70                       | H                     |
|                                                | 3421.68              | -46.68          | -13              | -33.68                  | -60.37                  | -53.10                   | 6.18                       | 12.60                       | V                     |
|                                                | 5132.52              | -47.28          | -13              | -34.28                  | -67.35                  | -52.24                   | 7.74                       | 12.70                       | V                     |
|                                                | 6843.36              | -47.65          | -13              | -34.65                  | -69.83                  | -50.35                   | 9                          | 11.70                       | V                     |
| Middle                                         | 3451.68              | -51.22          | -13              | -38.22                  | -64.88                  | -57.64                   | 6.18                       | 12.60                       | H                     |
|                                                | 5177.52              | -45.46          | -13              | -32.46                  | -64.80                  | -50.42                   | 7.74                       | 12.70                       | H                     |
|                                                | 6903.36              | -48.51          | -13              | -35.51                  | -70.45                  | -51.21                   | 9                          | 11.70                       | H                     |
|                                                | 3451.68              | -50.54          | -13              | -37.54                  | -64.55                  | -56.96                   | 6.18                       | 12.60                       | V                     |
|                                                | 5177.52              | -46.44          | -13              | -33.44                  | -66.46                  | -51.40                   | 7.74                       | 12.70                       | V                     |
|                                                | 6903.36              | -47.38          | -13              | -34.38                  | -69.88                  | -50.08                   | 9                          | 11.70                       | V                     |
| Highest                                        | 3481.68              | -46.98          | -13              | -33.98                  | -60.96                  | -53.40                   | 6.18                       | 12.60                       | H                     |
|                                                | 5222.52              | -45.78          | -13              | -32.78                  | -65.01                  | -50.74                   | 7.74                       | 12.70                       | H                     |
|                                                | 6963.36              | -47.12          | -13              | -34.12                  | -69.56                  | -49.82                   | 9                          | 11.70                       | H                     |
|                                                | 3481.68              | -47.68          | -13              | -34.68                  | -62.02                  | -54.10                   | 6.18                       | 12.60                       | V                     |
|                                                | 5222.52              | -45.46          | -13              | -32.46                  | -65.27                  | -50.42                   | 7.74                       | 12.70                       | V                     |
|                                                | 6963.36              | -46.92          | -13              | -33.92                  | -69.87                  | -49.62                   | 9                          | 11.70                       | 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) |
| Lowest                                         | 3422.18              | -48.17          | -13              | -35.17                  | -61.51                  | -54.59                   | 6.18                       | 12.60                       | H                     |
|                                                | 5133.27              | -43.75          | -13              | -30.75                  | -63.09                  | -48.71                   | 7.74                       | 12.70                       | H                     |
|                                                | 6844.36              | -48.68          | -13              | -35.68                  | -70.26                  | -51.38                   | 9                          | 11.70                       | H                     |
|                                                | 3422.18              | -46.95          | -13              | -33.95                  | -60.64                  | -53.37                   | 6.18                       | 12.60                       | V                     |
|                                                | 5133.27              | -45.79          | -13              | -32.79                  | -65.86                  | -50.75                   | 7.74                       | 12.70                       | V                     |
|                                                | 6844.36              | -47.83          | -13              | -34.83                  | -70.01                  | -50.53                   | 9                          | 11.70                       | V                     |
| Middle                                         | 3447.18              | -51.86          | -13              | -38.86                  | -65.52                  | -58.28                   | 6.18                       | 12.60                       | H                     |
|                                                | 5170.77              | -45.01          | -13              | -32.01                  | -64.34                  | -49.97                   | 7.74                       | 12.70                       | H                     |
|                                                | 6894.36              | -48.14          | -13              | -35.14                  | -70.09                  | -50.84                   | 9                          | 11.70                       | H                     |
|                                                | 3447.18              | -50.79          | -13              | -37.79                  | -64.8                   | -57.21                   | 6.18                       | 12.60                       | V                     |
|                                                | 5170.77              | -47.04          | -13              | -34.04                  | -67.07                  | -52.00                   | 7.74                       | 12.70                       | V                     |
|                                                | 6894.36              | -46.78          | -13              | -33.78                  | -69.29                  | -49.48                   | 9                          | 11.70                       | V                     |
| Highest                                        | 3472.18              | -47.81          | -13              | -34.81                  | -61.63                  | -54.23                   | 6.18                       | 12.60                       | H                     |
|                                                | 5208.27              | -47.87          | -13              | -34.87                  | -67.11                  | -52.83                   | 7.74                       | 12.70                       | H                     |
|                                                | 6944.36              | -47.20          | -13              | -34.20                  | -69.52                  | -49.90                   | 9                          | 11.70                       | H                     |
|                                                | 3472.18              | -48.51          | -13              | -35.51                  | -62.69                  | -54.93                   | 6.18                       | 12.60                       | V                     |
|                                                | 5208.27              | -50.19          | -13              | -37.19                  | -70.01                  | -55.15                   | 7.74                       | 12.70                       | V                     |
|                                                | 6944.36              | -47.81          | -13              | -34.81                  | -70.65                  | -50.51                   | 9                          | 11.70                       | 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<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                                          | 1649.92              | -57.92         | -13              | -44.92                  | -65.25                  | -64.61                   | 0.56                       | 9.40                        | H                     |
|                                                 | 2474.88              | -60.55         | -13              | -47.55                  | -72.01                  | -68.26                   | 0.74                       | 10.60                       | H                     |
|                                                 | 3299.84              | -62.91         | -13              | -49.91                  | -76.35                  | -72.51                   | 0.85                       | 12.60                       | H                     |
|                                                 | 1649.92              | -53.67         | -13              | -40.67                  | -61.05                  | -60.36                   | 0.56                       | 9.40                        | V                     |
|                                                 | 2474.88              | -61.68         | -13              | -48.68                  | -72.73                  | -69.39                   | 0.74                       | 10.60                       | V                     |
|                                                 | 3299.84              | -61.43         | -13              | -48.43                  | -75.06                  | -71.03                   | 0.85                       | 12.60                       | V                     |
| Middle                                          | 1671.92              | -55.87         | -13              | -42.87                  | -63.00                  | -62.56                   | 0.56                       | 9.40                        | H                     |
|                                                 | 2507.88              | -61.06         | -13              | -48.06                  | -72.45                  | -68.77                   | 0.74                       | 10.60                       | H                     |
|                                                 | 3343.84              | -62.96         | -13              | -49.96                  | -76.24                  | -72.56                   | 0.85                       | 12.60                       | H                     |
|                                                 | 1671.92              | -53.63         | -13              | -40.63                  | -60.76                  | -60.32                   | 0.56                       | 9.40                        | V                     |
|                                                 | 2507.88              | -60.67         | -13              | -47.67                  | -71.66                  | -68.38                   | 0.74                       | 10.60                       | V                     |
|                                                 | 3343.84              | -61.54         | -13              | -48.54                  | -75.05                  | -71.14                   | 0.85                       | 12.60                       | V                     |
| Highest                                         | 1695.52              | -51.39         | -13              | -38.39                  | -58.66                  | -58.08                   | 0.56                       | 9.40                        | H                     |
|                                                 | 2543.28              | -62.08         | -13              | -49.08                  | -73.20                  | -69.79                   | 0.74                       | 10.60                       | H                     |
|                                                 | 3391.04              | -62.83         | -13              | -49.83                  | -76.01                  | -72.43                   | 0.85                       | 12.60                       | H                     |
|                                                 | 4240                 | -60.07         | -13              | -47.07                  | -76.78                  | -69.63                   | 0.89                       | 12.60                       | H                     |
|                                                 | 1695.52              | -49.60         | -13              | -36.60                  | -56.87                  | -56.29                   | 0.56                       | 9.40                        | V                     |
|                                                 | 2543.28              | -61.60         | -13              | -48.60                  | -72.50                  | -69.31                   | 0.74                       | 10.60                       | V                     |
|                                                 | 3391.04              | -61.18         | -13              | -48.18                  | -74.71                  | -70.78                   | 0.85                       | 12.60                       | V                     |
|                                                 | 4240                 | -58.68         | -13              | -45.68                  | -75.72                  | -68.24                   | 0.89                       | 12.60                       | 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<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                                        | 1648.48              | -57.24         | -13              | -44.24                  | -64.57                  | -63.93                   | 0.56                       | 9.40                        | H                     |
|                                               | 2472.72              | -60.90         | -13              | -47.90                  | -72.36                  | -68.61                   | 0.74                       | 10.60                       | H                     |
|                                               | 3296.96              | -62.94         | -13              | -49.94                  | -76.38                  | -72.54                   | 0.85                       | 12.60                       | H                     |
|                                               | 1648.48              | -53.11         | -13              | -40.11                  | -60.49                  | -59.80                   | 0.56                       | 9.40                        | V                     |
|                                               | 2472.72              | -59.81         | -13              | -46.81                  | -70.86                  | -67.52                   | 0.74                       | 10.60                       | V                     |
|                                               | 3296.96              | -61.77         | -13              | -48.77                  | -75.40                  | -71.37                   | 0.85                       | 12.60                       | V                     |
| Middle                                        | 1670.48              | -56.07         | -13              | -43.07                  | -63.32                  | -62.76                   | 0.56                       | 9.40                        | H                     |
|                                               | 2505.72              | -61.87         | -13              | -48.87                  | -73.26                  | -69.58                   | 0.74                       | 10.60                       | H                     |
|                                               | 3340.96              | -63.05         | -13              | -50.05                  | -76.33                  | -72.65                   | 0.85                       | 12.60                       | H                     |
|                                               | 1670.48              | -53.72         | -13              | -40.72                  | -60.99                  | -60.41                   | 0.56                       | 9.40                        | V                     |
|                                               | 2505.72              | -61.75         | -13              | -48.75                  | -72.74                  | -69.46                   | 0.74                       | 10.60                       | V                     |
|                                               | 3340.96              | -61.45         | -13              | -48.45                  | -74.96                  | -71.05                   | 0.85                       | 12.60                       | V                     |
| Highest                                       | 1692.48              | -53.94         | -13              | -40.94                  | -61.21                  | -60.63                   | 0.56                       | 9.40                        | H                     |
|                                               | 2538.72              | -61.55         | -13              | -48.55                  | -72.66                  | -69.26                   | 0.74                       | 10.60                       | H                     |
|                                               | 3384.96              | -63.54         | -13              | -50.54                  | -76.76                  | -73.14                   | 0.85                       | 12.60                       | H                     |
|                                               | 1692.48              | -50.20         | -13              | -37.20                  | -57.47                  | -56.89                   | 0.56                       | 9.40                        | V                     |
|                                               | 2538.72              | -61.65         | -13              | -48.65                  | -72.54                  | -69.36                   | 0.74                       | 10.60                       | V                     |
|                                               | 3384.96              | -61.66         | -13              | -48.66                  | -75.18                  | -71.26                   | 0.85                       | 12.60                       | 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) |
| Lowest                                        | 1648.68              | -57.19         | -13              | -44.19                  | -64.52                  | -63.88                   | 0.56                       | 9.40                        | H                     |
|                                               | 2473.02              | -61.49         | -13              | -48.49                  | -72.95                  | -69.20                   | 0.74                       | 10.60                       | H                     |
|                                               | 3297.36              | -63.09         | -13              | -50.09                  | -76.53                  | -72.69                   | 0.85                       | 12.60                       | H                     |
|                                               | 1648.68              | -54.23         | -13              | -41.23                  | -61.61                  | -60.92                   | 0.56                       | 9.40                        | V                     |
|                                               | 2473.02              | -61.91         | -13              | -48.91                  | -72.96                  | -69.62                   | 0.74                       | 10.60                       | V                     |
|                                               | 3297.36              | -61.89         | -13              | -48.89                  | -75.52                  | -71.49                   | 0.85                       | 12.60                       | V                     |
| Middle                                        | 1668.68              | -57.00         | -13              | -44.00                  | -64.25                  | -63.69                   | 0.56                       | 9.40                        | H                     |
|                                               | 2503.02              | -61.54         | -13              | -48.54                  | -72.97                  | -69.25                   | 0.74                       | 10.60                       | H                     |
|                                               | 3337.36              | -63.01         | -13              | -50.01                  | -76.35                  | -72.61                   | 0.85                       | 12.60                       | H                     |
|                                               | 1668.68              | -53.61         | -13              | -40.61                  | -60.88                  | -60.30                   | 0.56                       | 9.40                        | V                     |
|                                               | 2503.02              | -62.30         | -13              | -49.30                  | -73.33                  | -70.01                   | 0.74                       | 10.60                       | V                     |
|                                               | 3337.36              | -60.86         | -13              | -47.86                  | -74.41                  | -70.46                   | 0.85                       | 12.60                       | V                     |
| Highest                                       | 1688.68              | -58.57         | -13              | -45.57                  | -65.84                  | -65.26                   | 0.56                       | 9.40                        | H                     |
|                                               | 2533.02              | -62.84         | -13              | -49.84                  | -74.10                  | -70.55                   | 0.74                       | 10.60                       | H                     |
|                                               | 3377.36              | -63.38         | -13              | -50.38                  | -76.60                  | -72.98                   | 0.85                       | 12.60                       | H                     |
|                                               | 1688.68              | -53.40         | -13              | -40.40                  | -60.67                  | -60.09                   | 0.56                       | 9.40                        | V                     |
|                                               | 2533.02              | -62.63         | -13              | -49.63                  | -73.57                  | -70.34                   | 0.74                       | 10.60                       | V                     |
|                                               | 3377.36              | -62.98         | -13              | -49.98                  | -76.50                  | -72.58                   | 0.85                       | 12.60                       | 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) |
| Lowest                                         | 1649.18              | -52.05         | -13              | -39.05                  | -59.38                  | -58.74                   | 0.56                       | 9.40                        | H                     |
|                                                | 2473.77              | -51.07         | -13              | -38.07                  | -62.53                  | -58.78                   | 0.74                       | 10.60                       | H                     |
|                                                | 3298.36              | -54.24         | -13              | -41.24                  | -67.68                  | -63.84                   | 0.85                       | 12.60                       | H                     |
|                                                | 1649.18              | -49.37         | -13              | -36.37                  | -56.75                  | -56.06                   | 0.56                       | 9.40                        | V                     |
|                                                | 2473.77              | -50.53         | -13              | -37.53                  | -61.58                  | -58.24                   | 0.74                       | 10.60                       | V                     |
|                                                | 3298.36              | -52.98         | -13              | -39.98                  | -66.61                  | -62.58                   | 0.85                       | 12.60                       | V                     |
| Middle                                         | 1664.08              | -52.41         | -13              | -39.41                  | -59.66                  | -59.10                   | 0.56                       | 9.40                        | H                     |
|                                                | 2496.27              | -53.68         | -13              | -40.68                  | -65.11                  | -61.39                   | 0.74                       | 10.60                       | H                     |
|                                                | 3328.36              | -53.76         | -13              | -40.76                  | -67.10                  | -63.36                   | 0.85                       | 12.60                       | H                     |
|                                                | 1664.08              | -48.27         | -13              | -35.27                  | -55.54                  | -54.96                   | 0.56                       | 9.40                        | V                     |
|                                                | 2496.27              | -54.58         | -13              | -41.58                  | -65.61                  | -62.29                   | 0.74                       | 10.60                       | V                     |
|                                                | 3328.36              | -53.99         | -13              | -40.99                  | -67.54                  | -63.59                   | 0.85                       | 12.60                       | V                     |
| Highest                                        | 1679.18              | -56.93         | -13              | -43.93                  | -64.08                  | -63.62                   | 0.56                       | 9.40                        | H                     |
|                                                | 2518.77              | -60.83         | -13              | -47.83                  | -72.23                  | -68.54                   | 0.74                       | 10.60                       | H                     |
|                                                | 3358.36              | -62.90         | -13              | -49.90                  | -76.15                  | -72.50                   | 0.85                       | 12.60                       | H                     |
|                                                | 1679.18              | -54.57         | -13              | -41.57                  | -61.72                  | -61.26                   | 0.56                       | 9.40                        | V                     |
|                                                | 2518.77              | -58.89         | -13              | -45.89                  | -69.89                  | -66.60                   | 0.74                       | 10.60                       | V                     |
|                                                | 3358.36              | -61.43         | -13              | -48.43                  | -74.94                  | -71.03                   | 0.85                       | 12.60                       | 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<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                                        | 5000.68              | -58.32          | -25              | -33.32                  | -77.65                  | -70.08                   | 0.94                       | 12.70                       | H                     |
|                                               | 7501.02              | -51.94          | -25              | -26.94                  | -75.78                  | -61.95                   | 1.69                       | 11.70                       | H                     |
|                                               | 10001.36             | -50.74          | -25              | -25.74                  | -78.48                  | -61.40                   | 1.44                       | 12.10                       | H                     |
|                                               | 5000.68              | -58.57          | -25              | -33.57                  | -78.76                  | -70.33                   | 0.94                       | 12.70                       | V                     |
|                                               | 7501.02              | -53.37          | -25              | -28.37                  | -77.22                  | -63.38                   | 1.69                       | 11.70                       | V                     |
|                                               | 10001.36             | -52.02          | -25              | -27.02                  | -79.32                  | -62.68                   | 1.44                       | 12.10                       | V                     |
| Middle                                        | 5065.68              | -59.40          | -25              | -34.40                  | -78.74                  | -71.16                   | 0.94                       | 12.70                       | H                     |
|                                               | 7598.52              | -51.29          | -25              | -26.29                  | -74.35                  | -61.30                   | 1.69                       | 11.70                       | H                     |
|                                               | 10131.36             | -51.17          | -25              | -26.17                  | -78.57                  | -61.83                   | 1.44                       | 12.10                       | H                     |
|                                               | 5065.68              | -59.06          | -25              | -34.06                  | -79.19                  | -70.82                   | 0.94                       | 12.70                       | V                     |
|                                               | 7598.52              | -53.37          | -25              | -28.37                  | -76.56                  | -63.38                   | 1.69                       | 11.70                       | V                     |
|                                               | 10131.36             | -52.08          | -25              | -27.08                  | -79.25                  | -62.74                   | 1.44                       | 12.10                       | V                     |
| Highest                                       | 5130.68              | -59.42          | -25              | -34.42                  | -78.76                  | -71.18                   | 0.94                       | 12.70                       | H                     |
|                                               | 7696.02              | -50.30          | -25              | -25.30                  | -73.39                  | -60.31                   | 1.69                       | 11.70                       | H                     |
|                                               | 10261.36             | -51.78          | -25              | -26.78                  | -78.84                  | -62.44                   | 1.44                       | 12.10                       | H                     |
|                                               | 5130.68              | -58.77          | -25              | -33.77                  | -78.84                  | -70.53                   | 0.94                       | 12.70                       | V                     |
|                                               | 7696.02              | -51.40          | -25              | -26.40                  | -74.62                  | -61.41                   | 1.69                       | 11.70                       | V                     |
|                                               | 10261.36             | -51.78          | -25              | -26.78                  | -78.82                  | -62.44                   | 1.44                       | 12.10                       | 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<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                                         | 5001.18              | -58.91          | -25              | -33.91                  | -78.24                  | -70.67                   | 0.94                       | 12.70                       | H                     |
|                                                | 7501.77              | -51.83          | -25              | -26.83                  | -75.67                  | -61.84                   | 1.69                       | 11.70                       | H                     |
|                                                | 10002.36             | -50.99          | -25              | -25.99                  | -78.71                  | -61.65                   | 1.44                       | 12.10                       | H                     |
|                                                | 5001.18              | -58.76          | -25              | -33.76                  | -78.95                  | -70.52                   | 0.94                       | 12.70                       | V                     |
|                                                | 7501.77              | -52.92          | -25              | -27.92                  | -76.77                  | -62.93                   | 1.69                       | 11.70                       | V                     |
|                                                | 10002.36             | -52.12          | -25              | -27.12                  | -79.43                  | -62.78                   | 1.44                       | 12.10                       | V                     |
| Middle                                         | 5061.18              | -58.20          | -25              | -33.20                  | -77.54                  | -69.96                   | 0.94                       | 12.70                       | H                     |
|                                                | 7591.77              | -50.28          | -25              | -25.28                  | -73.34                  | -60.29                   | 1.69                       | 11.70                       | H                     |
|                                                | 10122.36             | -49.96          | -25              | -24.96                  | -77.36                  | -60.62                   | 1.44                       | 12.10                       | H                     |
|                                                | 5061.18              | -59.18          | -25              | -34.18                  | -79.31                  | -70.94                   | 0.94                       | 12.70                       | V                     |
|                                                | 7591.77              | -53.65          | -25              | -28.65                  | -76.84                  | -63.66                   | 1.69                       | 11.70                       | V                     |
|                                                | 10122.36             | -51.45          | -25              | -26.45                  | -78.62                  | -62.11                   | 1.44                       | 12.10                       | V                     |
| Highest                                        | 5121.18              | -59.65          | -25              | -34.65                  | -78.98                  | -71.41                   | 0.94                       | 12.70                       | H                     |
|                                                | 7681.77              | -50.45          | -25              | -25.45                  | -73.55                  | -60.46                   | 1.69                       | 11.70                       | H                     |
|                                                | 10242.36             | -51.52          | -25              | -26.52                  | -78.64                  | -62.18                   | 1.44                       | 12.10                       | H                     |
|                                                | 5121.18              | -58.99          | -25              | -33.99                  | -79.07                  | -70.75                   | 0.94                       | 12.70                       | V                     |
|                                                | 7681.77              | -52.84          | -25              | -27.84                  | -76.07                  | -62.85                   | 1.69                       | 11.70                       | V                     |
|                                                | 10242.36             | -52.07          | -25              | -27.07                  | -79.14                  | -62.73                   | 1.44                       | 12.10                       | V                     |

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



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 5001.68              | -58.56          | -25              | -33.56                  | -77.89                  | -70.32                   | 0.94                       | 12.70                       | H                     |
|                                                | 7502.52              | -52.45          | -25              | -27.45                  | -76.18                  | -62.46                   | 1.69                       | 11.70                       | H                     |
|                                                | 10003.36             | -51.24          | -25              | -26.24                  | -78.96                  | -61.90                   | 1.44                       | 12.10                       | H                     |
|                                                | 5001.68              | -58.50          | -25              | -33.50                  | -78.69                  | -70.26                   | 0.94                       | 12.70                       | V                     |
|                                                | 7502.52              | -51.92          | -25              | -26.92                  | -75.68                  | -61.93                   | 1.69                       | 11.70                       | V                     |
|                                                | 10003.36             | -52.06          | -25              | -27.06                  | -79.37                  | -62.72                   | 1.44                       | 12.10                       | V                     |
| Middle                                         | 5056.68              | -59.79          | -25              | -34.79                  | -79.13                  | -71.55                   | 0.94                       | 12.70                       | H                     |
|                                                | 7585.02              | -51.39          | -25              | -26.39                  | -74.59                  | -61.40                   | 1.69                       | 11.70                       | H                     |
|                                                | 10113.36             | -51.70          | -25              | -26.70                  | -79.16                  | -62.36                   | 1.44                       | 12.10                       | H                     |
|                                                | 5056.68              | -59.20          | -25              | -34.20                  | -79.33                  | -70.96                   | 0.94                       | 12.70                       | V                     |
|                                                | 7585.02              | -51.47          | -25              | -26.47                  | -74.78                  | -61.48                   | 1.69                       | 11.70                       | V                     |
|                                                | 10113.36             | -51.73          | -25              | -26.73                  | -78.93                  | -62.39                   | 1.44                       | 12.10                       | V                     |
| Highest                                        | 5111.68              | -59.57          | -25              | -34.57                  | -78.91                  | -71.33                   | 0.94                       | 12.70                       | H                     |
|                                                | 7667.52              | -50.59          | -25              | -25.59                  | -73.69                  | -60.60                   | 1.69                       | 11.70                       | H                     |
|                                                | 10223.36             | -51.59          | -25              | -26.59                  | -78.73                  | -62.25                   | 1.44                       | 12.10                       | H                     |
|                                                | 5111.68              | -58.67          | -25              | -33.67                  | -78.76                  | -70.43                   | 0.94                       | 12.70                       | V                     |
|                                                | 7667.52              | -50.87          | -25              | -25.87                  | -74.1                   | -60.88                   | 1.69                       | 11.70                       | V                     |
|                                                | 10223.36             | -51.72          | -25              | -26.72                  | -78.78                  | -62.38                   | 1.44                       | 12.10                       | V                     |

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



| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 5002.18              | -58.98          | -25              | -33.98                  | -78.31                  | -70.74                   | 0.94                       | 12.70                       | H                     |
|                                                | 7503.27              | -52.23          | -25              | -27.23                  | -75.96                  | -62.24                   | 1.69                       | 11.70                       | H                     |
|                                                | 10004.36             | -50.89          | -25              | -25.89                  | -78.61                  | -61.55                   | 1.44                       | 12.10                       | H                     |
|                                                | 5002.18              | -59.04          | -25              | -34.04                  | -79.23                  | -70.80                   | 0.94                       | 12.70                       | V                     |
|                                                | 7503.27              | -52.31          | -25              | -27.31                  | -76.07                  | -62.32                   | 1.69                       | 11.70                       | V                     |
|                                                | 10004.36             | -52.10          | -25              | -27.10                  | -79.41                  | -62.76                   | 1.44                       | 12.10                       | V                     |
| Middle                                         | 5052.18              | -59.54          | -25              | -34.54                  | -78.87                  | -71.30                   | 0.94                       | 12.70                       | H                     |
|                                                | 7578.27              | -51.64          | -25              | -26.64                  | -74.84                  | -61.65                   | 1.69                       | 11.70                       | H                     |
|                                                | 10104.36             | -50.74          | -25              | -25.74                  | -78.20                  | -61.40                   | 1.44                       | 12.10                       | H                     |
|                                                | 5052.18              | -59.08          | -25              | -34.08                  | -79.22                  | -70.84                   | 0.94                       | 12.70                       | V                     |
|                                                | 7578.27              | -51.55          | -25              | -26.55                  | -74.86                  | -61.56                   | 1.69                       | 11.70                       | V                     |
|                                                | 10104.36             | -51.92          | -25              | -26.92                  | -79.12                  | -62.58                   | 1.44                       | 12.10                       | V                     |
| Highest                                        | 5102.18              | -59.28          | -25              | -34.28                  | -78.61                  | -71.04                   | 0.94                       | 12.70                       | H                     |
|                                                | 7653.27              | -50.34          | -25              | -25.34                  | -73.42                  | -60.35                   | 1.69                       | 11.70                       | H                     |
|                                                | 10204.36             | -51.40          | -25              | -26.40                  | -78.61                  | -62.06                   | 1.44                       | 12.10                       | H                     |
|                                                | 5102.18              | -59.07          | -25              | -34.07                  | -79.16                  | -70.83                   | 0.94                       | 12.70                       | V                     |
|                                                | 7653.27              | -51.44          | -25              | -26.44                  | -74.65                  | -61.45                   | 1.69                       | 11.70                       | V                     |
|                                                | 10204.36             | -51.61          | -25              | -26.61                  | -78.69                  | -62.27                   | 1.44                       | 12.10                       | V                     |

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



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                          | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                           | 1398.14              | -62.96         | -13              | -49.96                  | -70.71                  | -69.65                   | 0.56                       | 9.40                        | H                     |
|                                                  | 2097.21              | -61.67         | -13              | -48.67                  | -72.93                  | -69.38                   | 0.74                       | 10.60                       | H                     |
|                                                  | 2796.28              | -58.94         | -13              | -45.94                  | -71.56                  | -68.54                   | 0.85                       | 12.60                       | H                     |
|                                                  | 3495.8               | -59.13         | -13              | -46.13                  | -73.26                  | -68.69                   | 0.89                       | 12.60                       | H                     |
|                                                  | 1398.14              | -59.90         | -13              | -46.90                  | -67.25                  | -66.59                   | 0.56                       | 9.40                        | V                     |
|                                                  | 2097.21              | -56.51         | -13              | -43.51                  | -67.87                  | -64.22                   | 0.74                       | 10.60                       | V                     |
|                                                  | 2796.28              | -58.65         | -13              | -45.65                  | -71.35                  | -68.25                   | 0.85                       | 12.60                       | V                     |
|                                                  | 3495.8               | -55.54         | -13              | -42.54                  | -70.04                  | -65.10                   | 0.89                       | 12.60                       | V                     |
| Middle                                           | 1413.74              | -63.86         | -13              | -50.86                  | -71.61                  | -70.55                   | 0.56                       | 9.40                        | H                     |
|                                                  | 2120.61              | -63.61         | -13              | -50.61                  | -75.12                  | -71.32                   | 0.74                       | 10.60                       | H                     |
|                                                  | 2827.48              | -57.02         | -13              | -44.02                  | -69.71                  | -66.62                   | 0.85                       | 12.60                       | H                     |
|                                                  | 3534.35              | -54.94         | -13              | -41.94                  | -69.40                  | -64.50                   | 0.89                       | 12.60                       | H                     |
|                                                  | 1413.74              | -60.21         | -13              | -47.21                  | -67.61                  | -66.90                   | 0.56                       | 9.40                        | V                     |
|                                                  | 2120.61              | -61.17         | -13              | -48.17                  | -72.80                  | -68.88                   | 0.74                       | 10.60                       | V                     |
|                                                  | 2827.48              | -54.41         | -13              | -41.41                  | -67.16                  | -64.01                   | 0.85                       | 12.60                       | V                     |
|                                                  | 3534.35              | -58.57         | -13              | -45.57                  | -73.41                  | -68.13                   | 0.89                       | 12.60                       | V                     |
| Highest                                          | 1429.34              | -60.32         | -13              | -47.32                  | -68.11                  | -67.01                   | 0.56                       | 9.40                        | H                     |
|                                                  | 2144.01              | -61.97         | -13              | -48.97                  | -73.75                  | -69.68                   | 0.74                       | 10.60                       | H                     |
|                                                  | 2858.68              | -55.92         | -13              | -42.92                  | -68.70                  | -65.52                   | 0.85                       | 12.60                       | H                     |
|                                                  | 3573.8               | -60.97         | -13              | -47.97                  | -75.75                  | -70.53                   | 0.89                       | 12.60                       | H                     |
|                                                  | 1429.34              | -56.90         | -13              | -43.90                  | -64.38                  | -63.59                   | 0.56                       | 9.40                        | V                     |
|                                                  | 2144.01              | -61.07         | -13              | -48.07                  | -72.97                  | -68.78                   | 0.74                       | 10.60                       | V                     |
|                                                  | 2858.68              | -54.33         | -13              | -41.33                  | -67.15                  | -63.93                   | 0.85                       | 12.60                       | V                     |
|                                                  | 3573.8               | -56.76         | -13              | -43.76                  | -71.93                  | -66.32                   | 0.89                       | 12.60                       | V                     |

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



| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                         | 1398.3               | -62.81         | -13              | -49.81                  | -70.56                  | -69.50                   | 0.56                       | 9.40                        | H                     |
|                                                | 2097.45              | -61.09         | -13              | -48.09                  | -72.35                  | -68.80                   | 0.74                       | 10.60                       | H                     |
|                                                | 2796.6               | -58.79         | -13              | -45.79                  | -71.41                  | -68.39                   | 0.85                       | 12.60                       | H                     |
|                                                | 3496                 | -59.80         | -13              | -46.80                  | -73.93                  | -69.36                   | 0.89                       | 12.60                       | H                     |
|                                                | 1398.3               | -60.58         | -13              | -47.58                  | -67.93                  | -67.27                   | 0.56                       | 9.40                        | V                     |
|                                                | 2097.45              | -59.42         | -13              | -46.42                  | -70.78                  | -67.13                   | 0.74                       | 10.60                       | V                     |
|                                                | 2796.6               | -56.78         | -13              | -43.78                  | -69.48                  | -66.38                   | 0.85                       | 12.60                       | V                     |
|                                                | 3496                 | -56.69         | -13              | -43.69                  | -71.19                  | -66.25                   | 0.89                       | 12.60                       | V                     |
| Middle                                         | 1412.3               | -63.96         | -13              | -50.96                  | -71.71                  | -70.65                   | 0.56                       | 9.40                        | H                     |
|                                                | 2118.45              | -63.47         | -13              | -50.47                  | -74.98                  | -71.18                   | 0.74                       | 10.60                       | H                     |
|                                                | 2824.6               | -57.45         | -13              | -44.45                  | -70.14                  | -67.05                   | 0.85                       | 12.60                       | H                     |
|                                                | 3530.75              | -60.86         | -13              | -47.86                  | -75.32                  | -70.42                   | 0.89                       | 12.60                       | H                     |
|                                                | 1412.3               | -60.60         | -13              | -47.60                  | -68.00                  | -67.29                   | 0.56                       | 9.40                        | V                     |
|                                                | 2118.45              | -62.12         | -13              | -49.12                  | -73.75                  | -69.83                   | 0.74                       | 10.60                       | V                     |
|                                                | 2824.6               | -53.32         | -13              | -40.32                  | -66.07                  | -62.92                   | 0.85                       | 12.60                       | V                     |
|                                                | 3530.75              | -59.95         | -13              | -46.95                  | -74.79                  | -69.51                   | 0.89                       | 12.60                       | V                     |
| Highest                                        | 1427                 | -60.53         | -13              | -47.53                  | -68.32                  | -67.22                   | 0.56                       | 9.40                        | H                     |
|                                                | 2140.5               | -61.63         | -13              | -48.63                  | -73.41                  | -69.34                   | 0.74                       | 10.60                       | H                     |
|                                                | 2854                 | -57.77         | -13              | -44.77                  | -70.55                  | -67.37                   | 0.85                       | 12.60                       | H                     |
|                                                | 3568                 | -60.25         | -13              | -47.25                  | -75.03                  | -69.81                   | 0.89                       | 12.60                       | H                     |
|                                                | 1427                 | -56.59         | -13              | -43.59                  | -64.07                  | -63.28                   | 0.56                       | 9.40                        | V                     |
|                                                | 2140.5               | -60.49         | -13              | -47.49                  | -72.39                  | -68.20                   | 0.74                       | 10.60                       | V                     |
|                                                | 2854                 | -57.31         | -13              | -44.31                  | -70.13                  | -66.91                   | 0.85                       | 12.60                       | V                     |
|                                                | 3568                 | -58.32         | -13              | -45.32                  | -73.49                  | -67.88                   | 0.89                       | 12.60                       | 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) |
| Lowest                                         | 1398.5            | -63.11      | -13           | -50.11            | -70.86            | -69.80             | 0.56                 | 9.40                  | H                  |
|                                                | 2097.75           | -60.71      | -13           | -47.71            | -71.97            | -68.42             | 0.74                 | 10.60                 | H                  |
|                                                | 2797              | -58.50      | -13           | -45.50            | -71.12            | -68.10             | 0.85                 | 12.60                 | H                  |
|                                                | 3496              | -58.23      | -13           | -45.23            | -72.36            | -67.79             | 0.89                 | 12.60                 | H                  |
|                                                | 1398.5            | -59.84      | -13           | -46.84            | -67.19            | -66.53             | 0.56                 | 9.40                  | V                  |
|                                                | 2097.75           | -58.04      | -13           | -45.04            | -69.40            | -65.75             | 0.74                 | 10.60                 | V                  |
|                                                | 2797              | -55.80      | -13           | -42.80            | -68.50            | -65.40             | 0.85                 | 12.60                 | V                  |
|                                                | 3496              | -56.61      | -13           | -43.61            | -71.11            | -66.17             | 0.89                 | 12.60                 | V                  |
| Middle                                         | 1410.5            | -62.48      | -13           | -49.48            | -70.23            | -69.17             | 0.56                 | 9.40                  | H                  |
|                                                | 2115.75           | -62.12      | -13           | -49.12            | -73.63            | -69.83             | 0.74                 | 10.60                 | H                  |
|                                                | 2821              | -59.05      | -13           | -46.05            | -71.73            | -68.65             | 0.85                 | 12.60                 | H                  |
|                                                | 3526.25           | -58.91      | -13           | -45.91            | -73.37            | -68.47             | 0.89                 | 12.60                 | H                  |
|                                                | 1410.5            | -59.92      | -13           | -46.92            | -67.32            | -66.61             | 0.56                 | 9.40                  | V                  |
|                                                | 2115.75           | -62.00      | -13           | -49.00            | -73.63            | -69.71             | 0.74                 | 10.60                 | V                  |
|                                                | 2821              | -52.30      | -13           | -39.30            | -65.04            | -61.90             | 0.85                 | 12.60                 | V                  |
|                                                | 3526.25           | -56.82      | -13           | -43.82            | -71.66            | -66.38             | 0.89                 | 12.60                 | V                  |
| Highest                                        | 1422.5            | -62.13      | -13           | -49.13            | -69.92            | -68.82             | 0.56                 | 9.40                  | H                  |
|                                                | 2133.75           | -58.66      | -13           | -45.66            | -70.43            | -66.37             | 0.74                 | 10.60                 | H                  |
|                                                | 2845              | -59.46      | -13           | -46.46            | -72.23            | -69.06             | 0.85                 | 12.60                 | H                  |
|                                                | 3560              | -59.97      | -13           | -46.97            | -74.74            | -69.53             | 0.89                 | 12.60                 | H                  |
|                                                | 1422.5            | -58.79      | -13           | -45.79            | -66.27            | -65.48             | 0.56                 | 9.40                  | V                  |
|                                                | 2133.75           | -58.97      | -13           | -45.97            | -70.86            | -66.68             | 0.74                 | 10.60                 | V                  |
|                                                | 2845              | -55.59      | -13           | -42.59            | -68.40            | -65.19             | 0.85                 | 12.60                 | V                  |
|                                                | 3560              | -57.12      | -13           | -44.12            | -72.12            | -66.68             | 0.89                 | 12.60                 | 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) |
| Lowest                                          | 1399              | -63.13      | -13           | -50.13            | -70.88            | -69.82             | 0.56                 | 9.40                  | H                  |
|                                                 | 2098.5            | -60.61      | -13           | -47.61            | -71.87            | -68.32             | 0.74                 | 10.60                 | H                  |
|                                                 | 2798              | -58.34      | -13           | -45.34            | -70.97            | -67.94             | 0.85                 | 12.60                 | H                  |
|                                                 | 3496              | -59.20      | -13           | -46.20            | -73.33            | -68.76             | 0.89                 | 12.60                 | H                  |
|                                                 | 1399              | -59.49      | -13           | -46.49            | -66.84            | -66.18             | 0.56                 | 9.40                  | V                  |
|                                                 | 2098.5            | -57.07      | -13           | -44.07            | -68.43            | -64.78             | 0.74                 | 10.60                 | V                  |
|                                                 | 2798              | -58.74      | -13           | -45.74            | -71.45            | -68.34             | 0.85                 | 12.60                 | V                  |
|                                                 | 3496              | -56.52      | -13           | -43.52            | -71.02            | -66.08             | 0.89                 | 12.60                 | V                  |
| Middle                                          | 1408              | -60.97      | -13           | -47.97            | -68.72            | -67.66             | 0.56                 | 9.40                  | H                  |
|                                                 | 2112              | -58.04      | -13           | -45.04            | -69.30            | -65.75             | 0.74                 | 10.60                 | H                  |
|                                                 | 2816              | -57.84      | -13           | -44.84            | -70.52            | -67.44             | 0.85                 | 12.60                 | H                  |
|                                                 | 3512              | -60.31      | -13           | -47.31            | -74.61            | -69.87             | 0.89                 | 12.60                 | H                  |
|                                                 | 1408              | -56.05      | -13           | -43.05            | -63.45            | -62.74             | 0.56                 | 9.40                  | V                  |
|                                                 | 2112              | -58.32      | -13           | -45.32            | -69.68            | -66.03             | 0.74                 | 10.60                 | V                  |
|                                                 | 2816              | -56.01      | -13           | -43.01            | -68.72            | -65.61             | 0.85                 | 12.60                 | V                  |
|                                                 | 3512              | -56.17      | -13           | -43.17            | -70.85            | -65.73             | 0.89                 | 12.60                 | V                  |
| Highest                                         | 1413              | -63.07      | -13           | -50.07            | -70.82            | -69.76             | 0.56                 | 9.40                  | H                  |
|                                                 | 2119.5            | -64.14      | -13           | -51.14            | -75.65            | -71.85             | 0.74                 | 10.60                 | H                  |
|                                                 | 2826              | -58.91      | -13           | -45.91            | -71.60            | -68.51             | 0.85                 | 12.60                 | H                  |
|                                                 | 3536              | -60.27      | -13           | -47.27            | -74.73            | -69.83             | 0.89                 | 12.60                 | H                  |
|                                                 | 1413              | -61.05      | -13           | -48.05            | -68.45            | -67.74             | 0.56                 | 9.40                  | V                  |
|                                                 | 2119.5            | -62.71      | -13           | -49.71            | -74.34            | -70.42             | 0.74                 | 10.60                 | V                  |
|                                                 | 2826              | -56.75      | -13           | -43.75            | -69.50            | -66.35             | 0.85                 | 12.60                 | V                  |
|                                                 | 3536              | -57.61      | -13           | -44.61            | -72.45            | -67.17             | 0.89                 | 12.60                 | 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 ( 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                                         | 1408.68           | -50.48      | -13           | -37.48            | -58.23            | -57.17             | 0.56                 | 9.40                  | H                  |
|                                                | 2113.02           | -53.29      | -13           | -40.29            | -64.55            | -61.00             | 0.74                 | 10.60                 | H                  |
|                                                | 2817.36           | -48.63      | -13           | -35.63            | -61.31            | -58.23             | 0.85                 | 12.60                 | H                  |
|                                                | 3521.7            | -51.31      | -13           | -38.31            | -65.61            | -60.87             | 0.89                 | 12.60                 | H                  |
|                                                | 1408.68           | -53.82      | -13           | -40.82            | -61.22            | -60.51             | 0.56                 | 9.40                  | V                  |
|                                                | 2113.02           | -52.99      | -13           | -39.99            | -64.35            | -60.70             | 0.74                 | 10.60                 | V                  |
|                                                | 2817.36           | -50.19      | -13           | -37.19            | -62.93            | -59.79             | 0.85                 | 12.60                 | V                  |
|                                                | 3521.7            | -50.09      | -13           | -37.09            | -64.77            | -59.65             | 0.89                 | 12.60                 | V                  |
| Middle                                         | 1415.68           | -52.23      | -13           | -39.23            | -59.98            | -58.92             | 0.56                 | 9.40                  | H                  |
|                                                | 2123.52           | -52.50      | -13           | -39.50            | -64.01            | -60.21             | 0.74                 | 10.60                 | H                  |
|                                                | 2831.36           | -48.22      | -13           | -35.22            | -60.95            | -57.82             | 0.85                 | 12.60                 | H                  |
|                                                | 3539.2            | -49.16      | -13           | -36.16            | -63.62            | -58.72             | 0.89                 | 12.60                 | H                  |
|                                                | 1415.68           | -55.77      | -13           | -42.77            | -63.17            | -62.46             | 0.56                 | 9.40                  | V                  |
|                                                | 2123.52           | -53.69      | -13           | -40.69            | -65.32            | -61.40             | 0.74                 | 10.60                 | V                  |
|                                                | 2831.36           | -50.86      | -13           | -37.86            | -63.64            | -60.46             | 0.85                 | 12.60                 | V                  |
|                                                | 3539.2            | -50.69      | -13           | -37.69            | -65.53            | -60.25             | 0.89                 | 12.60                 | V                  |
| Highest                                        | 1422.68           | -52.24      | -13           | -39.24            | -60.03            | -58.93             | 0.56                 | 9.40                  | H                  |
|                                                | 2134.02           | -50.65      | -13           | -37.65            | -62.42            | -58.36             | 0.74                 | 10.60                 | H                  |
|                                                | 2845.36           | -51.19      | -13           | -38.19            | -63.96            | -60.79             | 0.85                 | 12.60                 | H                  |
|                                                | 3556.7            | -48.64      | -13           | -35.64            | -63.26            | -58.20             | 0.89                 | 12.60                 | H                  |
|                                                | 1422.68           | -55.12      | -13           | -42.12            | -62.60            | -61.81             | 0.56                 | 9.40                  | V                  |
|                                                | 2134.02           | -54.10      | -13           | -41.10            | -65.99            | -61.81             | 0.74                 | 10.60                 | V                  |
|                                                | 2845.36           | -52.55      | -13           | -39.55            | -65.36            | -62.15             | 0.85                 | 12.60                 | V                  |
|                                                | 3556.7            | -52.57      | -13           | -39.57            | -67.57            | -62.13             | 0.89                 | 12.60                 | 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) |
| Lowest                                          | 1409.18              | -51.17         | -13              | -38.17                  | -58.92                  | -57.86                   | 0.56                       | 9.40                        | H                     |
|                                                 | 2113.77              | -53.01         | -13              | -40.01                  | -64.52                  | -60.72                   | 0.74                       | 10.60                       | H                     |
|                                                 | 2818.36              | -45.96         | -13              | -32.96                  | -58.64                  | -55.56                   | 0.85                       | 12.60                       | H                     |
|                                                 | 3522.95              | -48.82         | -13              | -35.82                  | -63.12                  | -58.38                   | 0.89                       | 12.60                       | H                     |
|                                                 | 1409.18              | -54.30         | -13              | -41.30                  | -61.70                  | -60.99                   | 0.56                       | 9.40                        | V                     |
|                                                 | 2113.77              | -54.69         | -13              | -41.69                  | -66.32                  | -62.40                   | 0.74                       | 10.60                       | V                     |
|                                                 | 2818.36              | -49.82         | -13              | -36.82                  | -62.56                  | -59.42                   | 0.85                       | 12.60                       | V                     |
|                                                 | 3522.95              | -50.25         | -13              | -37.25                  | -64.93                  | -59.81                   | 0.89                       | 12.60                       | V                     |
| Middle                                          | 1411.18              | -50.67         | -13              | -37.67                  | -58.42                  | -57.36                   | 0.56                       | 9.40                        | H                     |
|                                                 | 2116.77              | -53.48         | -13              | -40.48                  | -64.99                  | -61.19                   | 0.74                       | 10.60                       | H                     |
|                                                 | 2822.36              | -46.29         | -13              | -33.29                  | -58.97                  | -55.89                   | 0.85                       | 12.60                       | H                     |
|                                                 | 3527.95              | -49.01         | -13              | -36.01                  | -63.47                  | -58.57                   | 0.89                       | 12.60                       | H                     |
|                                                 | 1411.18              | -54.37         | -13              | -41.37                  | -61.77                  | -61.06                   | 0.56                       | 9.40                        | V                     |
|                                                 | 2116.77              | -54.35         | -13              | -41.35                  | -65.98                  | -62.06                   | 0.74                       | 10.60                       | V                     |
|                                                 | 2822.36              | -48.89         | -13              | -35.89                  | -61.63                  | -58.49                   | 0.85                       | 12.60                       | V                     |
|                                                 | 3527.95              | -51.42         | -13              | -38.42                  | -66.26                  | -60.98                   | 0.89                       | 12.60                       | V                     |
| Highest                                         | 1413.18              | -52.70         | -13              | -39.70                  | -60.45                  | -59.39                   | 0.56                       | 9.40                        | H                     |
|                                                 | 2119.77              | -53.75         | -13              | -40.75                  | -65.26                  | -61.46                   | 0.74                       | 10.60                       | H                     |
|                                                 | 2826.36              | -49.10         | -13              | -36.10                  | -61.79                  | -58.70                   | 0.85                       | 12.60                       | H                     |
|                                                 | 3532.95              | -47.43         | -13              | -34.43                  | -61.89                  | -56.99                   | 0.89                       | 12.60                       | H                     |
|                                                 | 1413.18              | -55.67         | -13              | -42.67                  | -63.07                  | -62.36                   | 0.56                       | 9.40                        | V                     |
|                                                 | 2119.77              | -52.96         | -13              | -39.96                  | -64.59                  | -60.67                   | 0.74                       | 10.60                       | V                     |
|                                                 | 2826.36              | -49.94         | -13              | -36.94                  | -62.69                  | -59.54                   | 0.85                       | 12.60                       | V                     |
|                                                 | 3532.95              | -50.56         | -13              | -37.56                  | -65.40                  | -60.12                   | 0.89                       | 12.60                       | V                     |

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