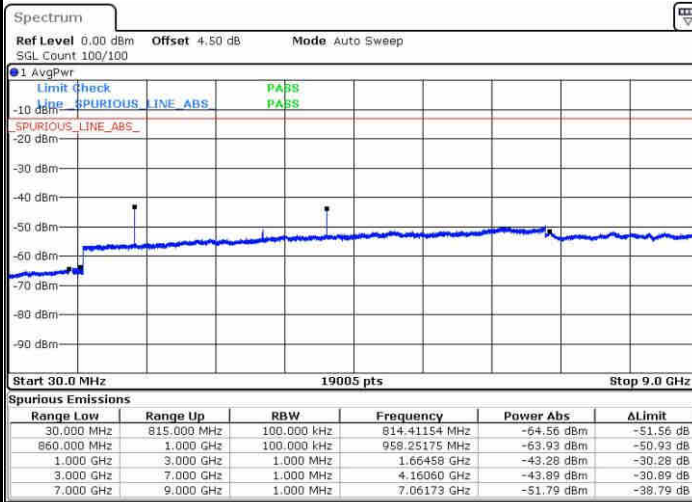




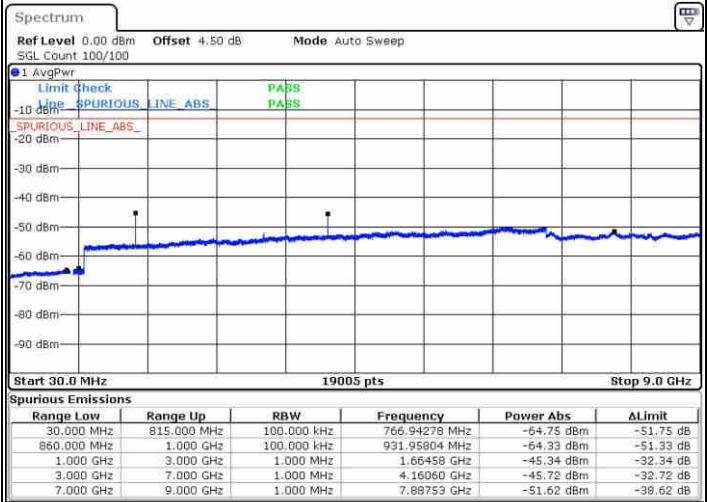
## LTE Band 5 / 10MHz

## Middle Channel / QPSK



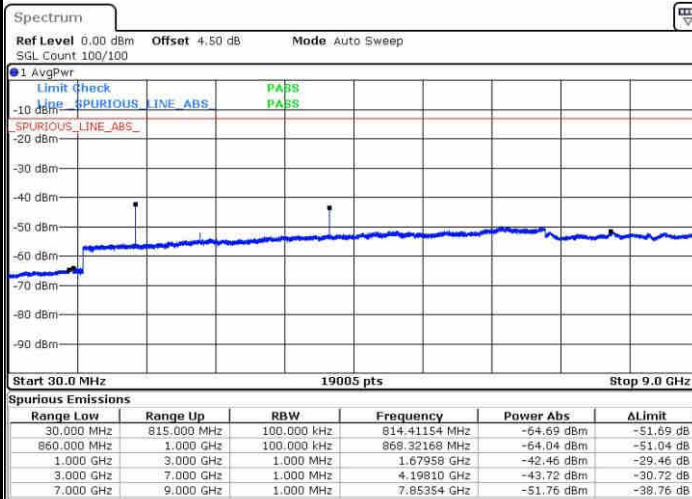
Date: 9/OCT/2016 02:55:08

## Middle Channel / 16QAM



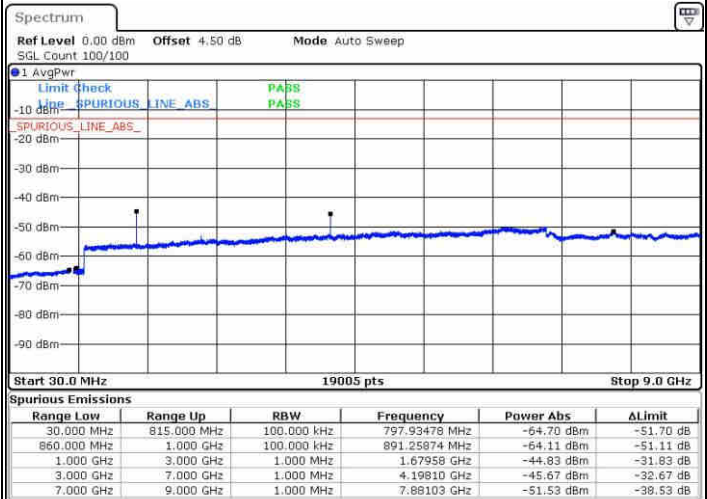
Date: 9/OCT/2016 02:56:03

## Highest Channel / QPSK



Date: 9/OCT/2016 03:04:12

## Highest Channel / 16QAM

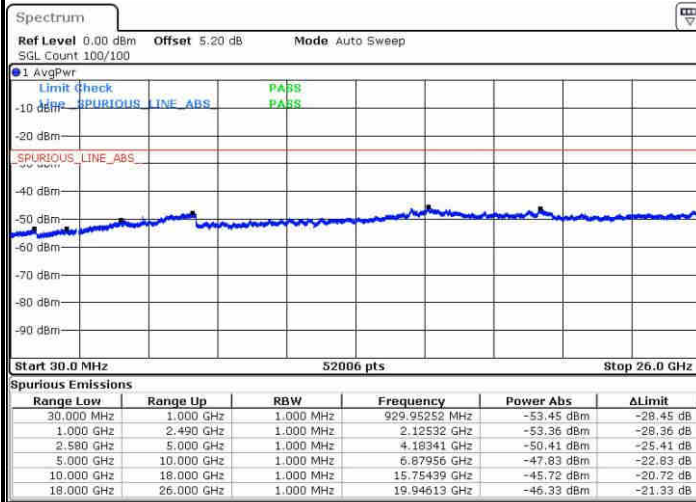


Date: 9/OCT/2016 03:05:07



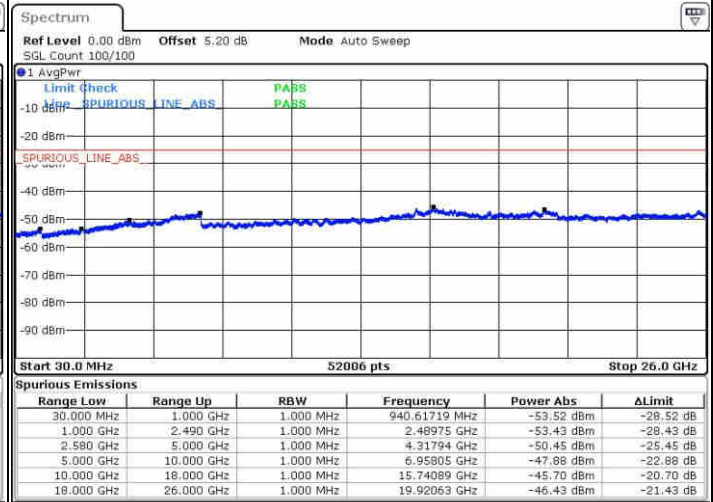
## LTE Band 7 / 5MHz

## Lowest Channel / QPSK



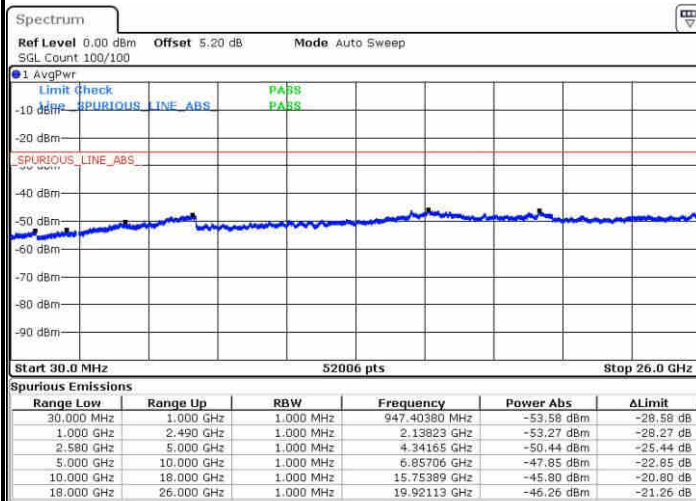
Date: 9/OCT/2016 15:45:17

## Lowest Channel / 16QAM



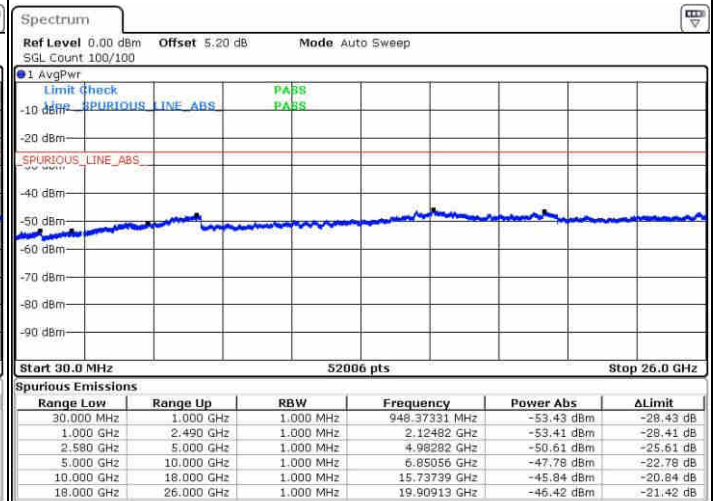
Date: 9/OCT/2016 15:46:12

## Middle Channel / QPSK



Date: 9/OCT/2016 15:48:01

## Middle Channel / 16QAM

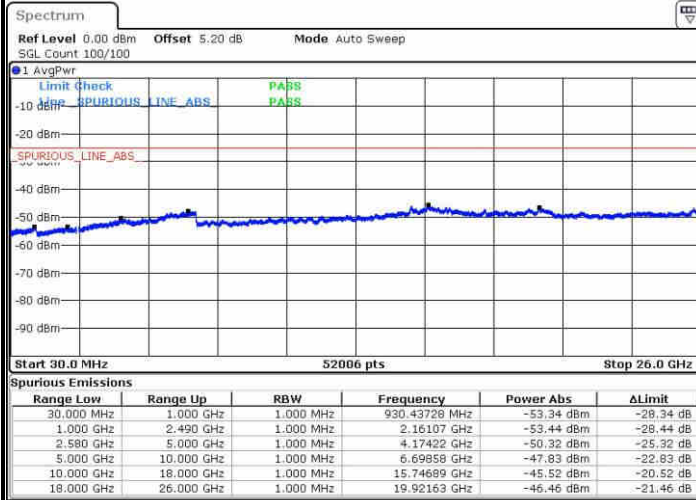


Date: 9/OCT/2016 15:47:06



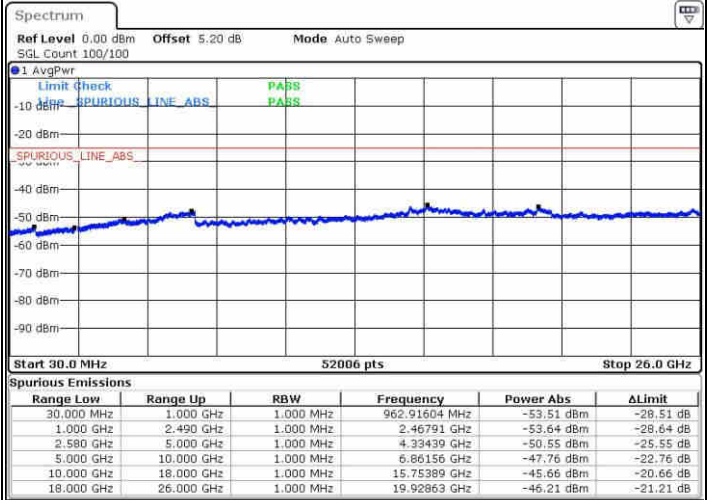
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 9/OCT/2016 15:48:55

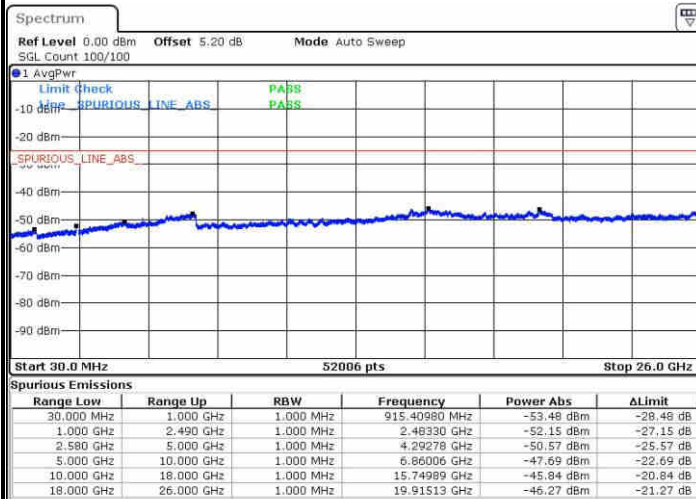
## Highest Channel / 16QAM



Date: 9/OCT/2016 15:49:50

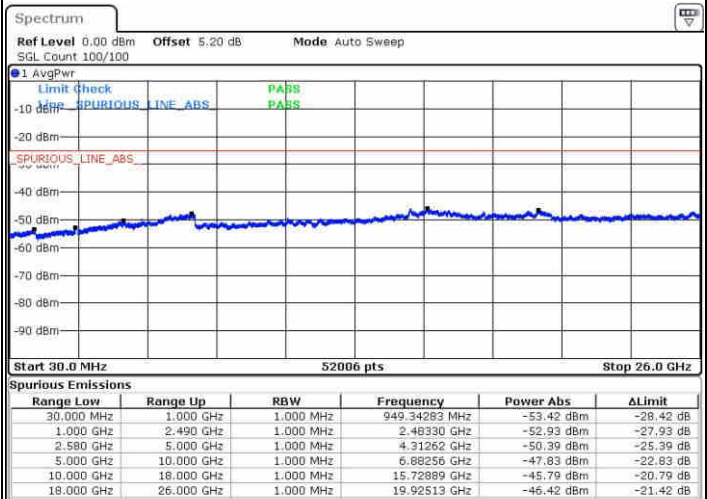
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 9/OCT/2016 16:01:58

## Lowest Channel / 16QAM

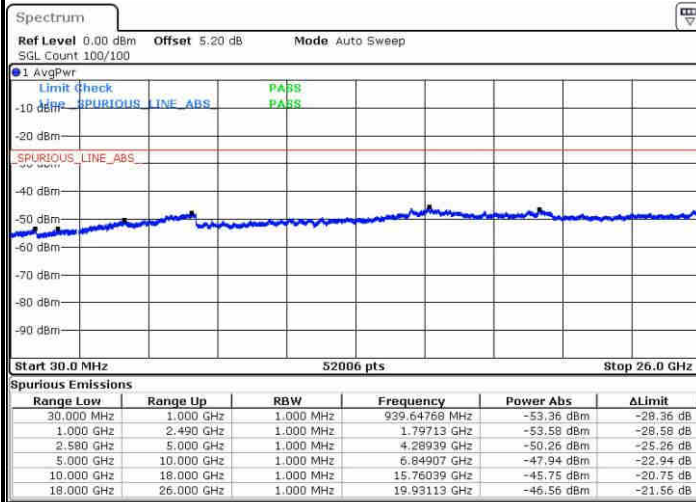


Date: 9/OCT/2016 16:02:53



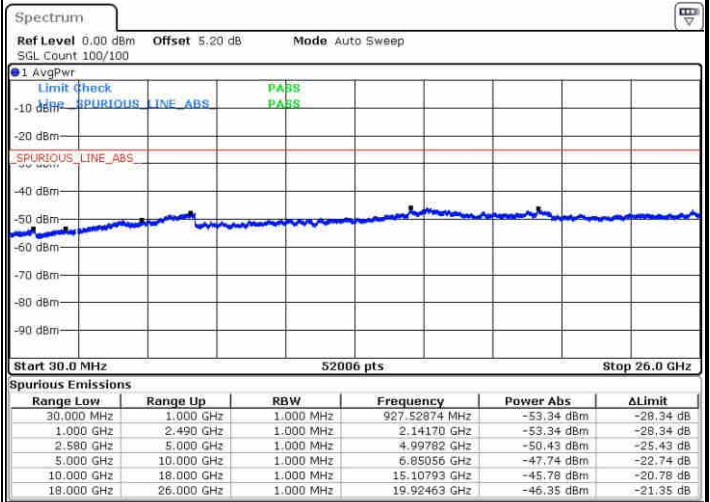
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



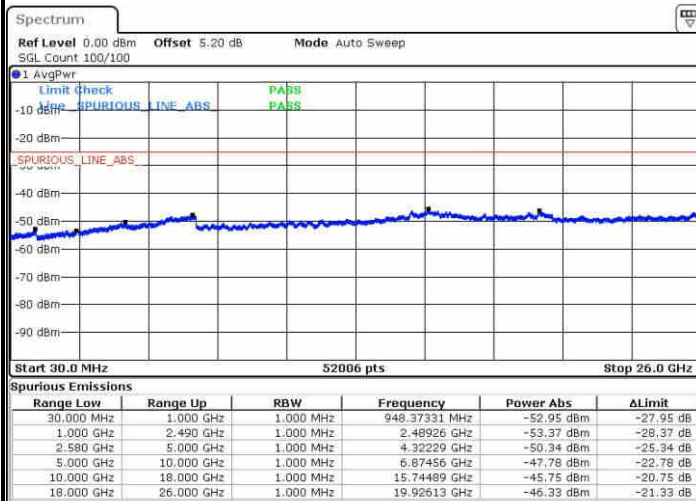
Date: 9.OCT.2016 16:04:42

## Middle Channel / 16QAM



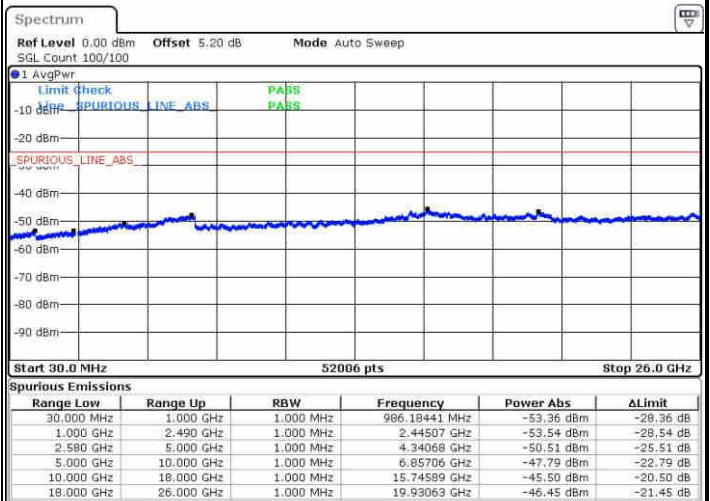
Date: 9.OCT.2016 16:03:47

## Highest Channel / QPSK



Date: 9.OCT.2016 16:05:36

## Highest Channel / 16QAM

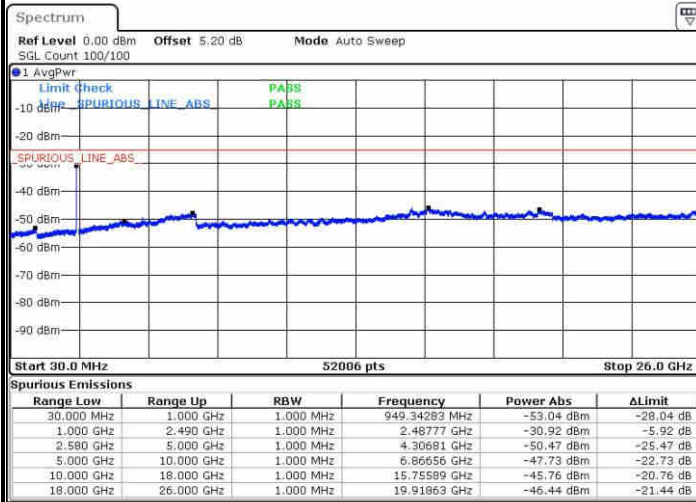


Date: 9.OCT.2016 16:08:31



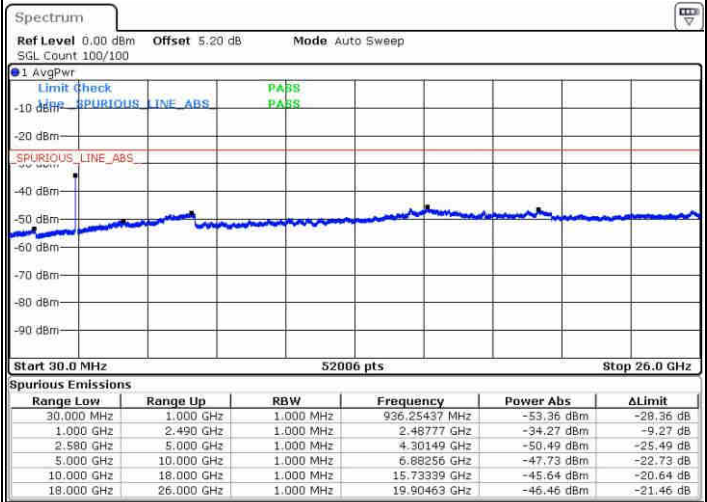
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



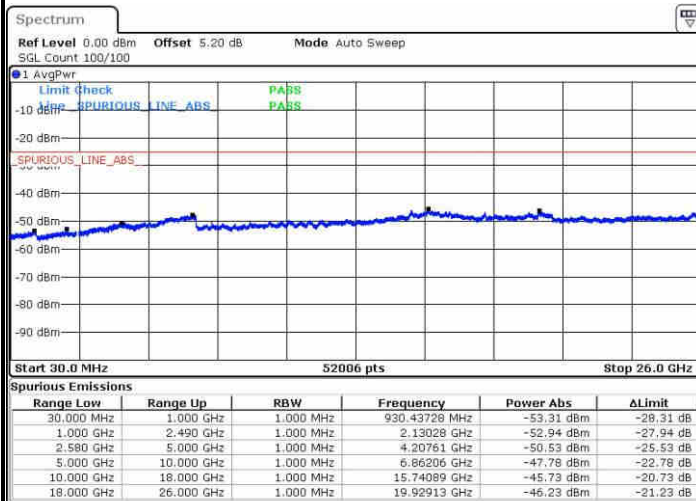
Date: 9.OCT.2016 16:18:39

## Lowest Channel / 16QAM



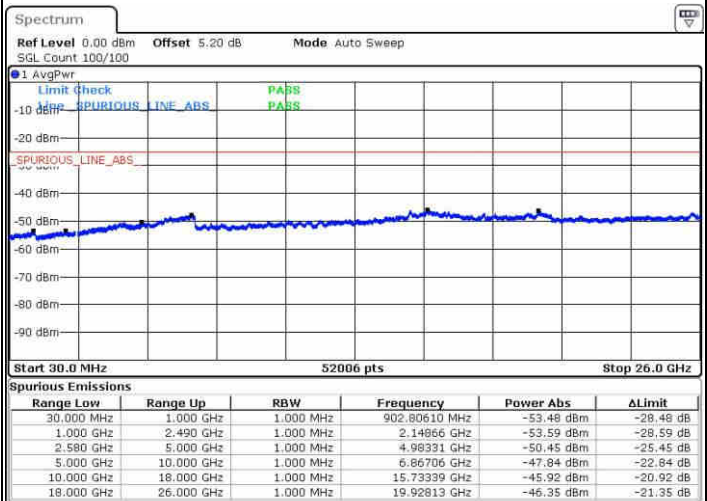
Date: 9.OCT.2016 16:19:34

## Middle Channel / QPSK



Date: 9.OCT.2016 16:21:23

## Middle Channel / 16QAM

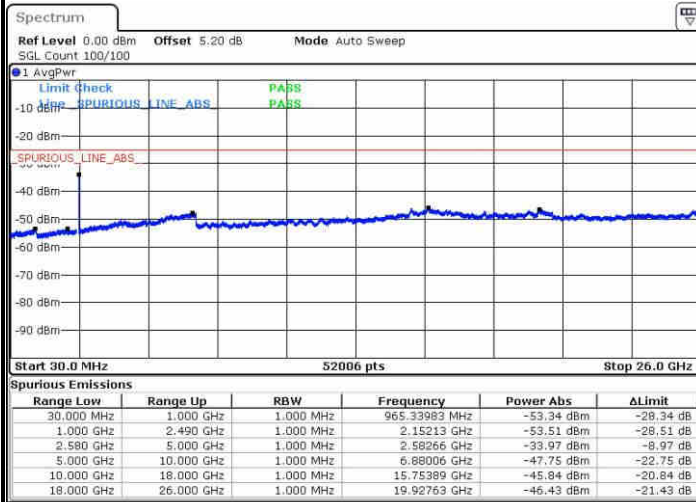


Date: 9.OCT.2016 16:20:28



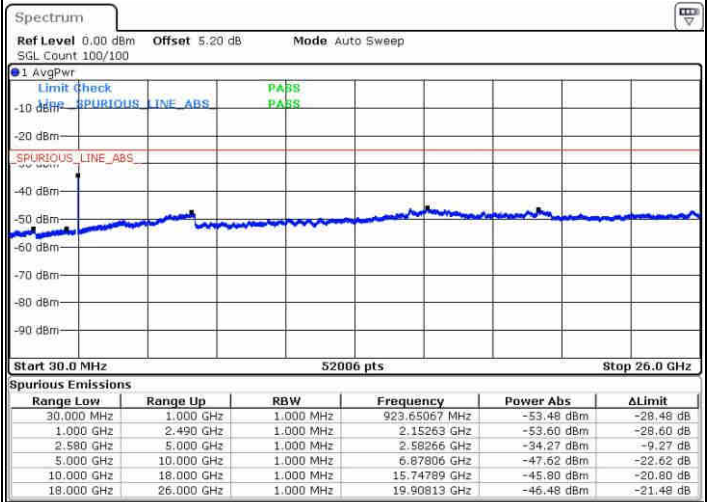
## LTE Band 7 / 15MHz

## Highest Channel / QPSK



Date: 9/OCT/2016 16:22:17

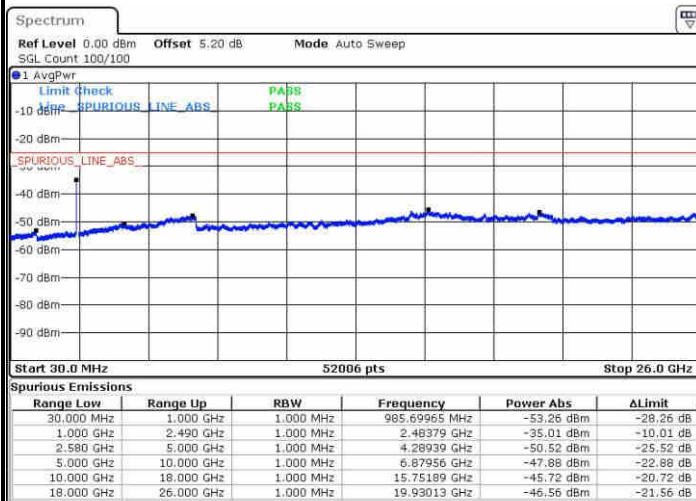
## Highest Channel / 16QAM



Date: 9/OCT/2016 16:23:12

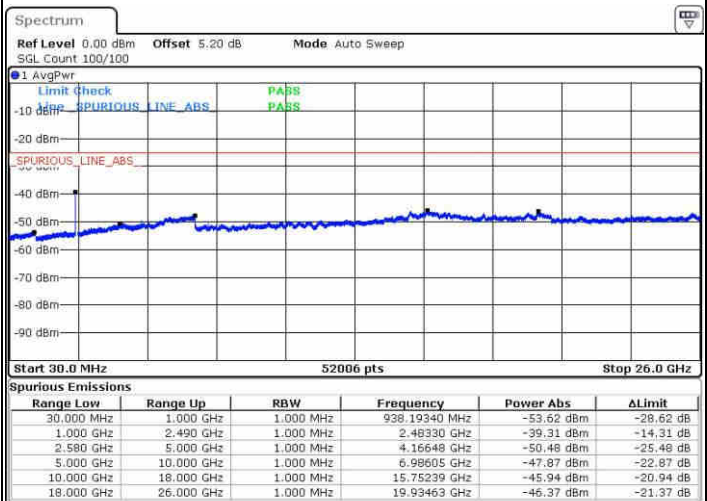
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 9/OCT/2016 16:35:21

## Lowest Channel / 16QAM



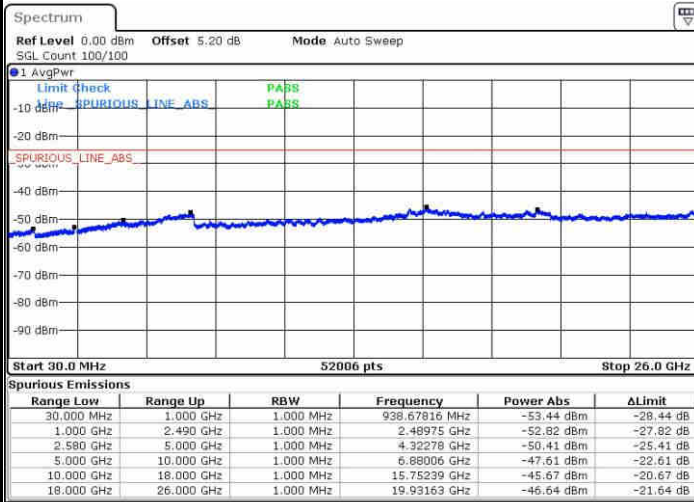
Date: 9/OCT/2016 16:35:15





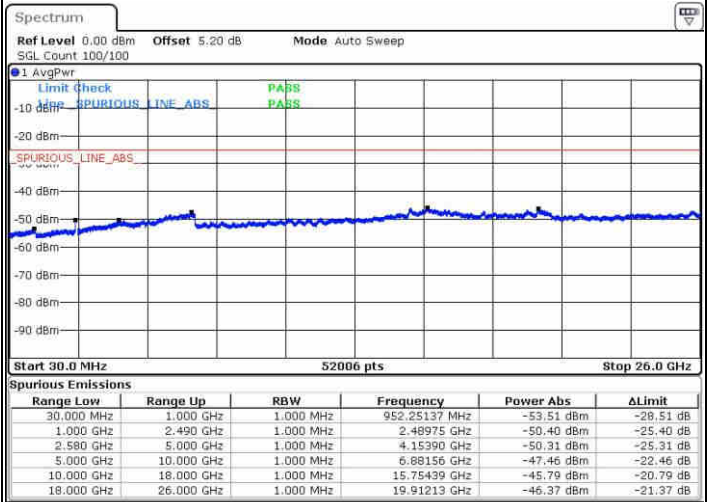
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



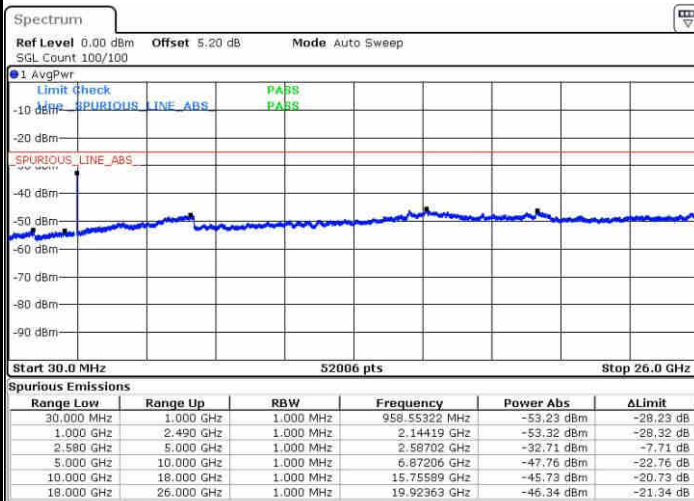
Date: 9.OCT.2016 16:38:04

## Middle Channel / 16QAM



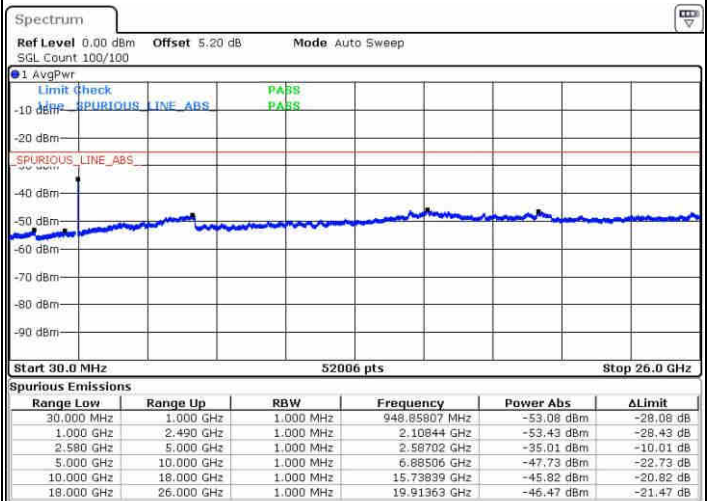
Date: 9.OCT.2016 16:37:10

## Highest Channel / QPSK



Date: 9.OCT.2016 16:38:59

## Highest Channel / 16QAM

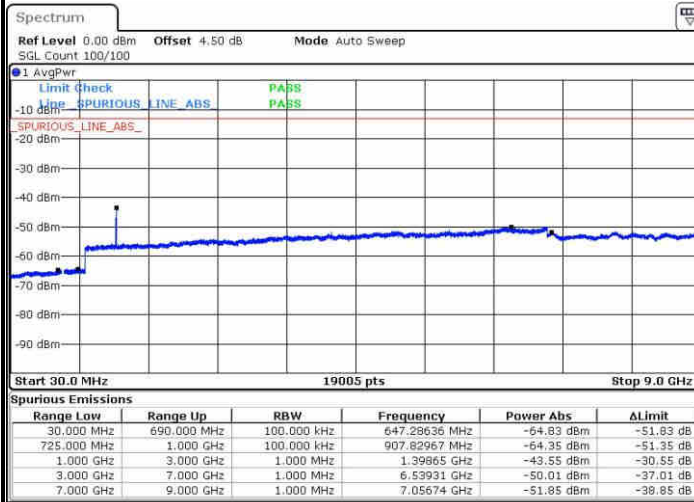


Date: 9.OCT.2016 16:39:53



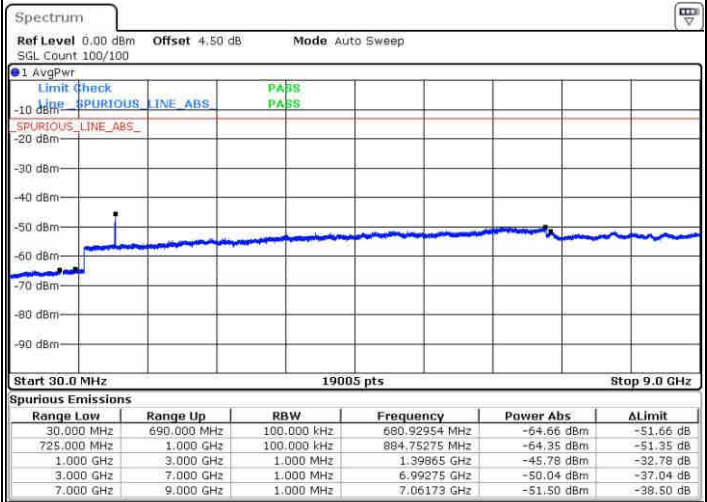
## LTE Band 12 / 1.4MHz

## Lowest Channel / QPSK



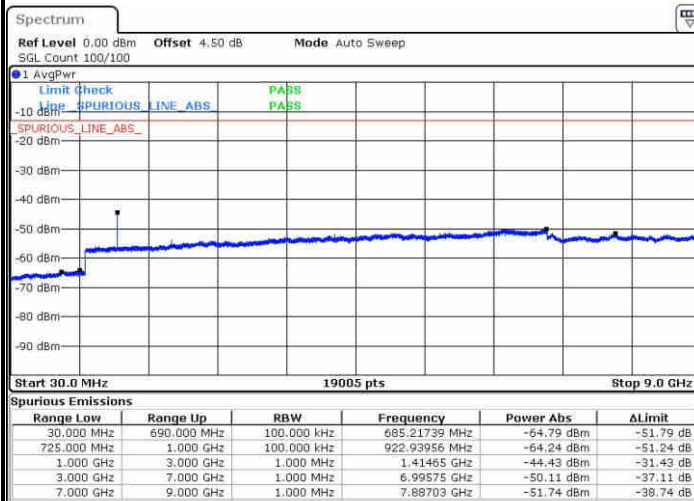
Date: 9.OCT.2016 04:25:23

## Lowest Channel / 16QAM



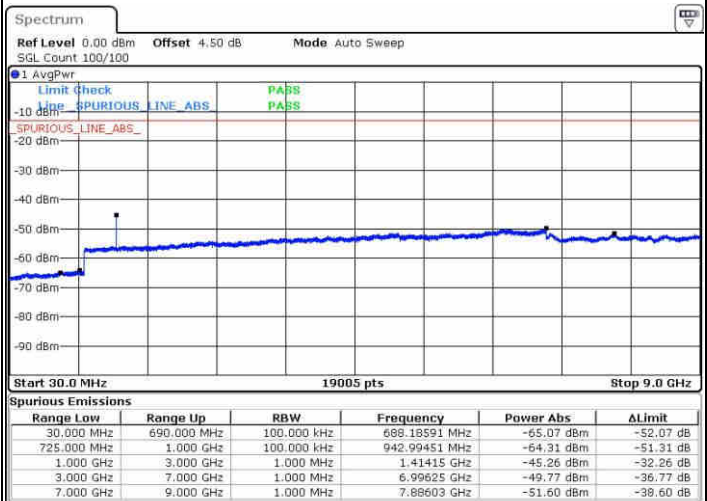
Date: 9.OCT.2016 04:26:19

## Middle Channel / QPSK



Date: 9.OCT.2016 04:28:13

## Middle Channel / 16QAM



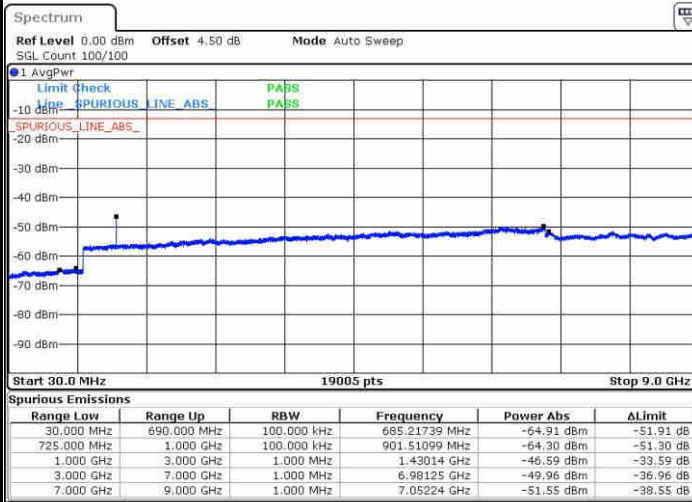
Date: 9.OCT.2016 04:27:17





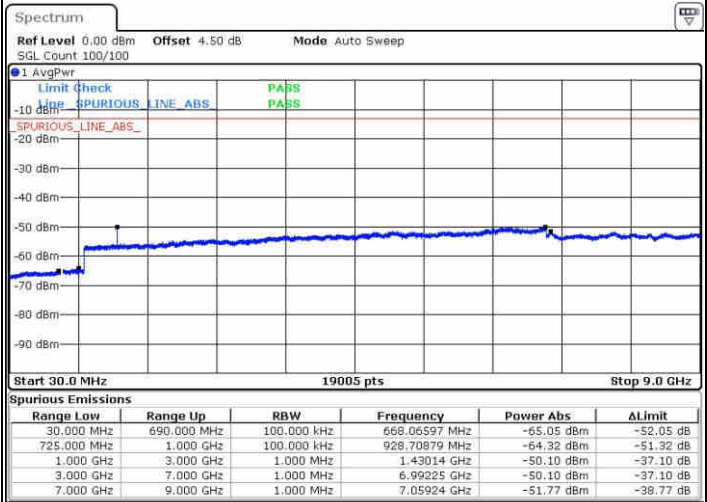
## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK



Date: 9/OCT/2016 04:29:11

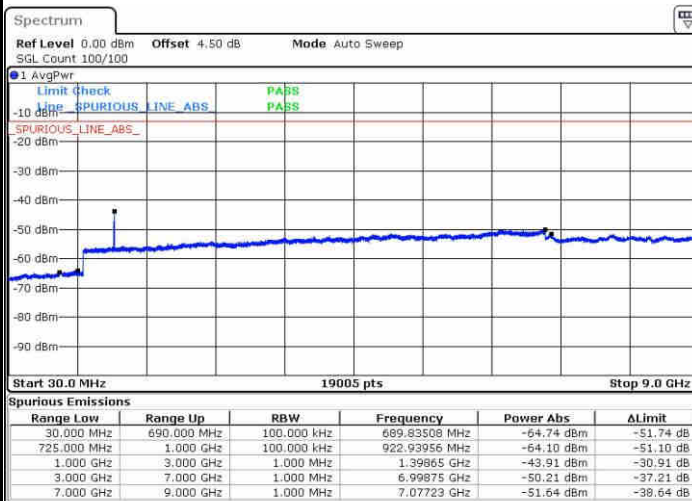
## Highest Channel / 16QAM



Date: 9/OCT/2016 04:30:07

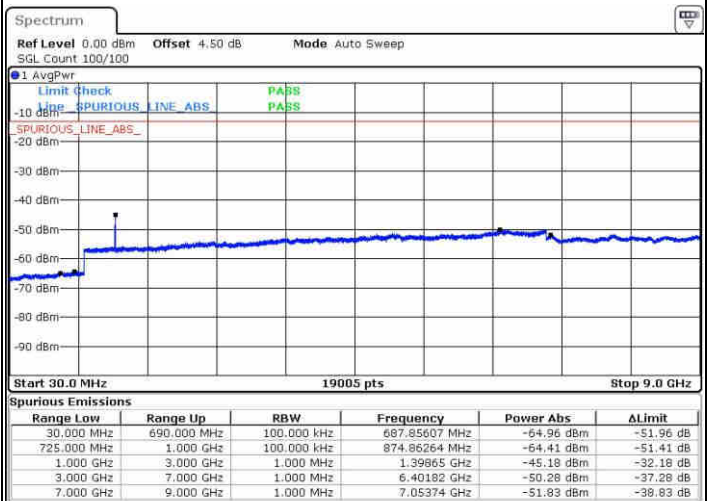
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK



Date: 9/OCT/2016 04:42:31

## Lowest Channel / 16QAM

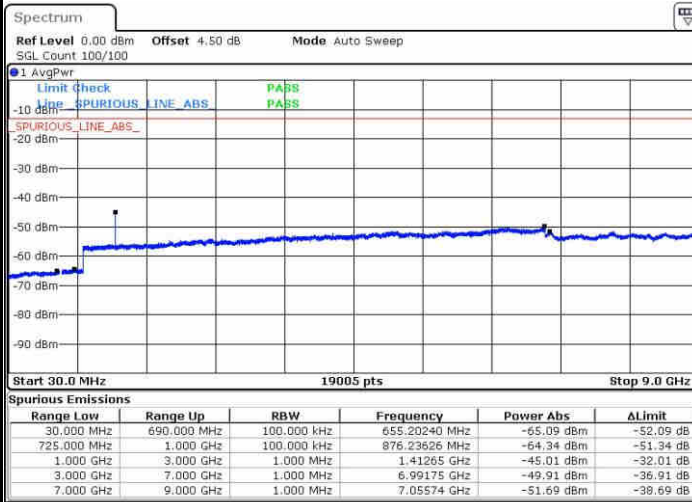


Date: 9/OCT/2016 04:43:28



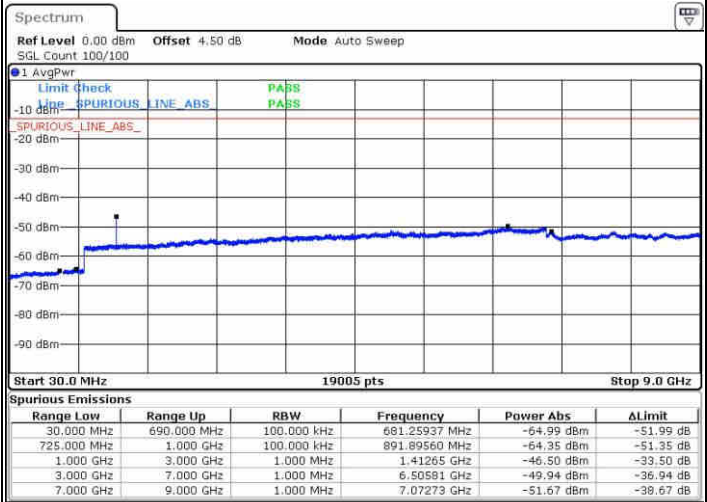
## LTE Band 12 / 3MHz

## Middle Channel / QPSK



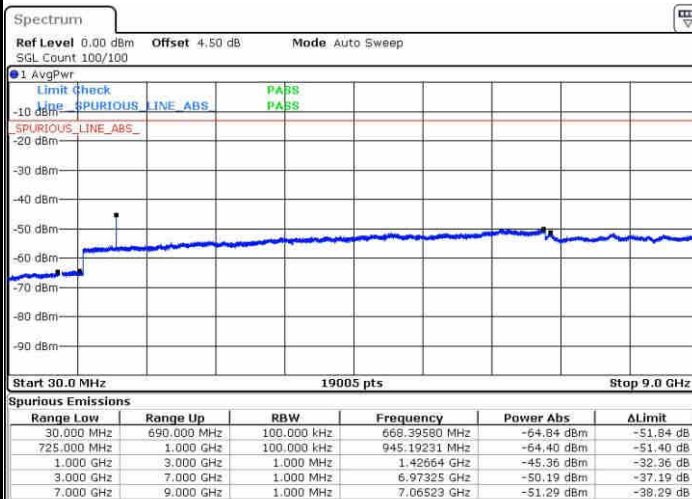
Date: 9.OCT.2016 04:45:22

## Middle Channel / 16QAM



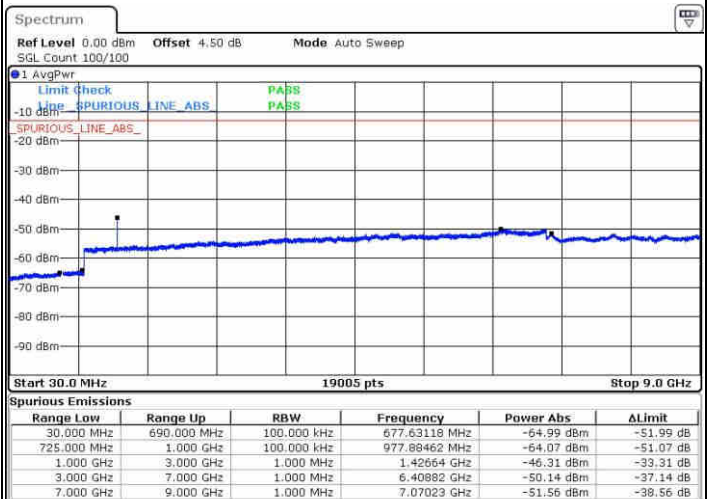
Date: 9.OCT.2016 04:44:25

## Highest Channel / QPSK



Date: 9.OCT.2016 04:46:19

## Highest Channel / 16QAM

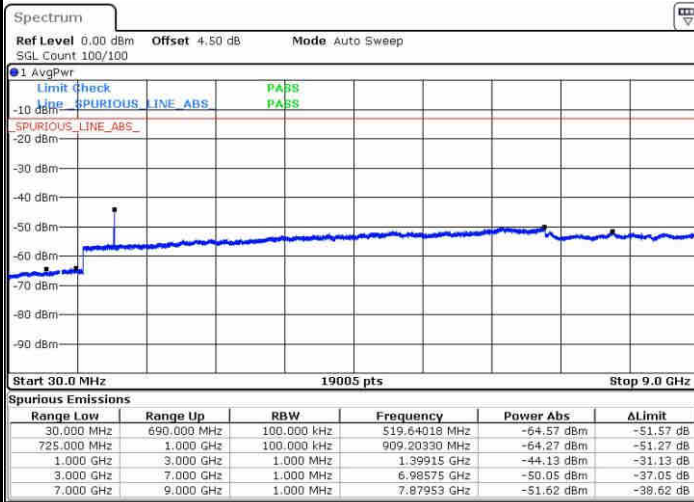


Date: 9.OCT.2016 04:47:15



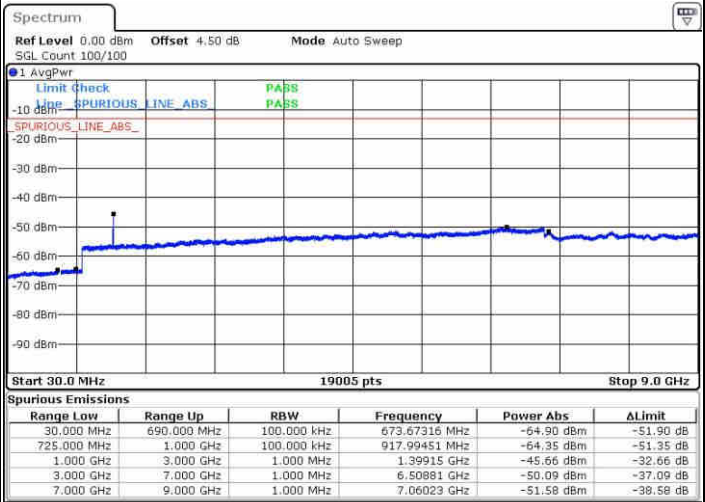
## LTE Band 12 / 5MHz

## Lowest Channel / QPSK



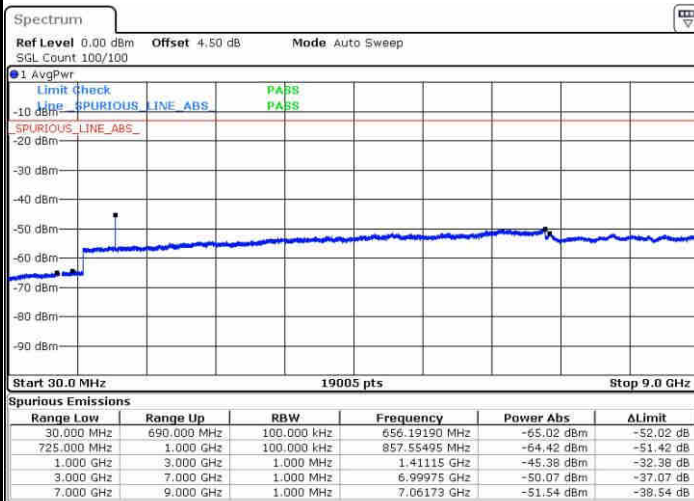
Date: 9.OCT.2016 04:59:38

## Lowest Channel / 16QAM



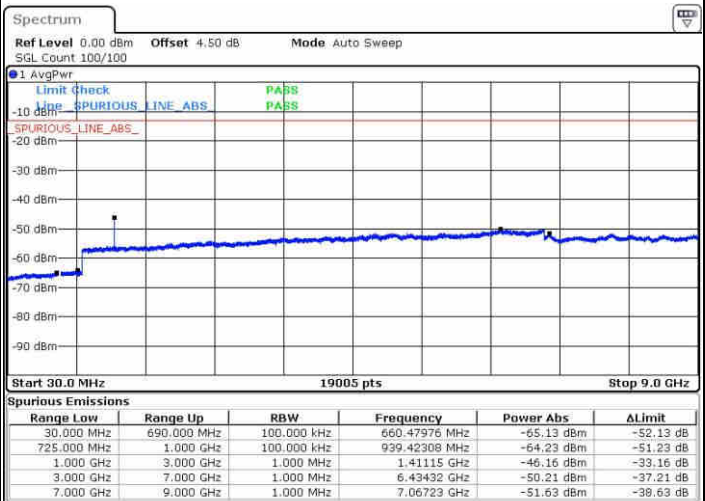
Date: 9.OCT.2016 05:00:35

## Middle Channel / QPSK



Date: 9.OCT.2016 05:02:29

## Middle Channel / 16QAM

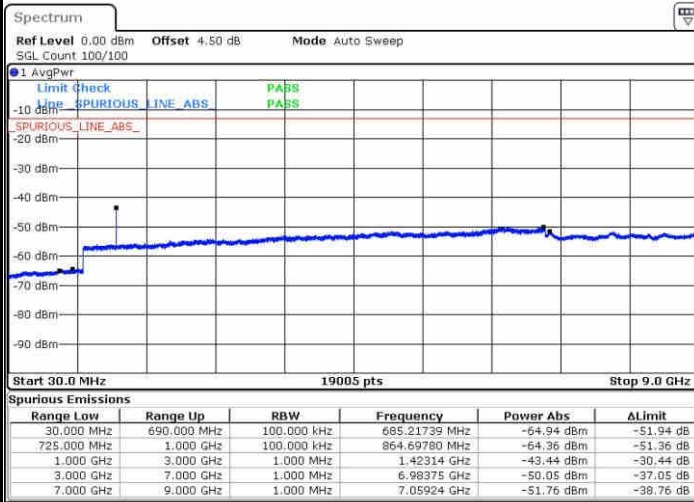


Date: 9.OCT.2016 05:01:32



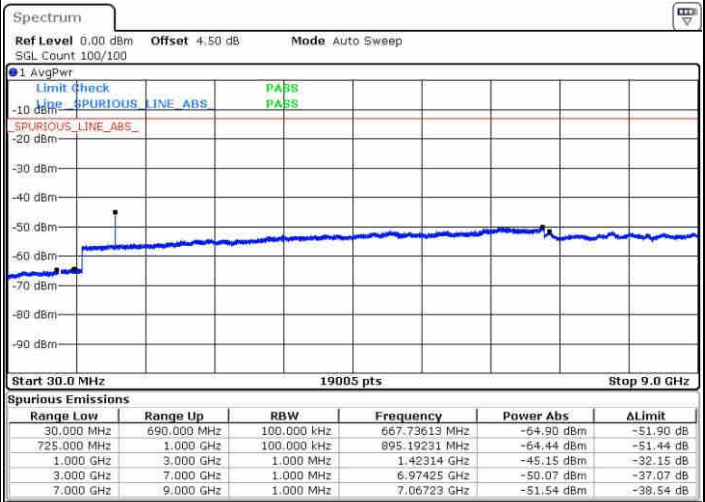
## LTE Band 12 / 5MHz

## Highest Channel / QPSK



Date: 9/OCT/2016 05:03:26

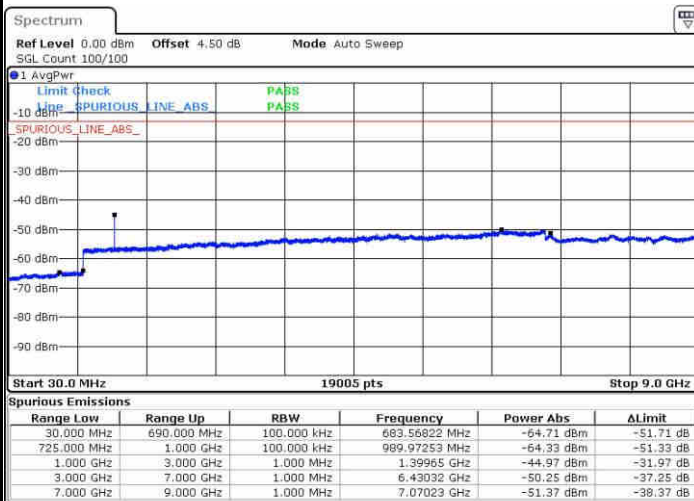
## Highest Channel / 16QAM



Date: 9/OCT/2016 05:04:22

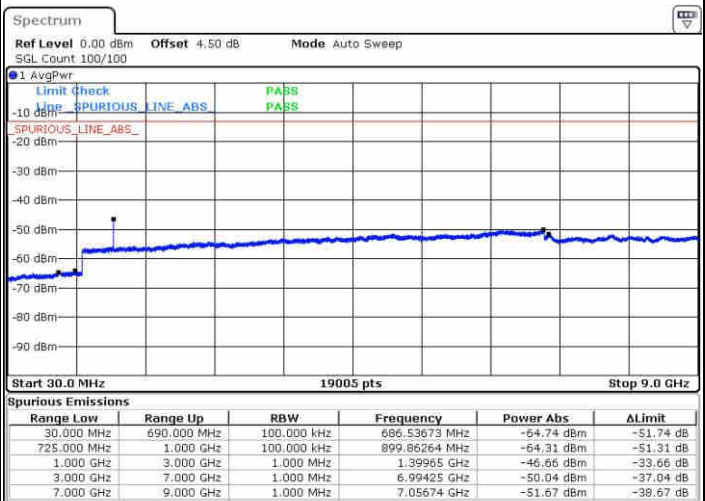
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK



Date: 9/OCT/2016 05:16:46

## Lowest Channel / 16QAM

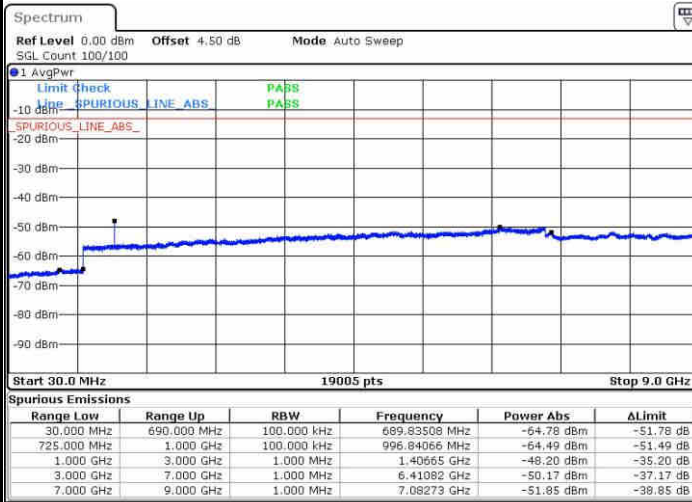


Date: 9/OCT/2016 05:17:42



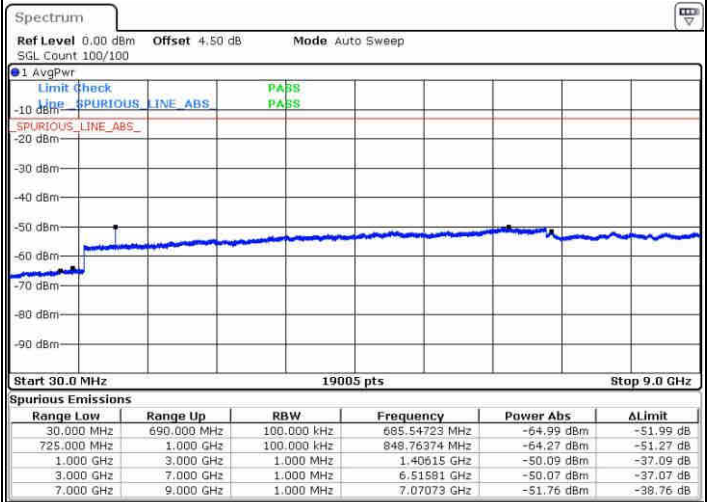
## LTE Band 12 / 10MHz

## Middle Channel / QPSK



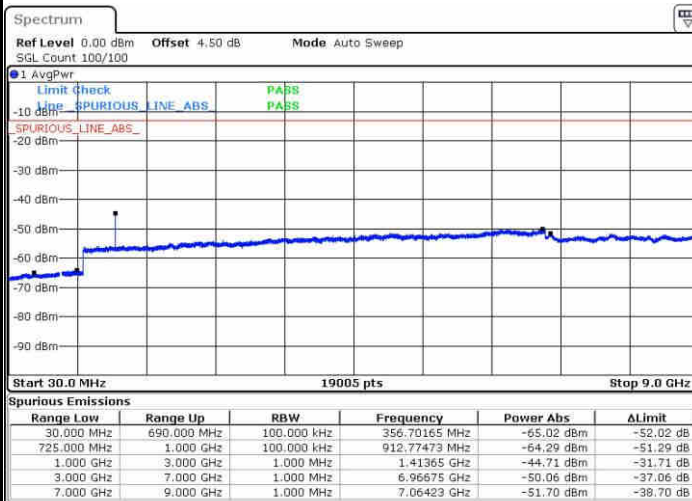
Date: 9.OCT.2016 05:19:36

## Middle Channel / 16QAM



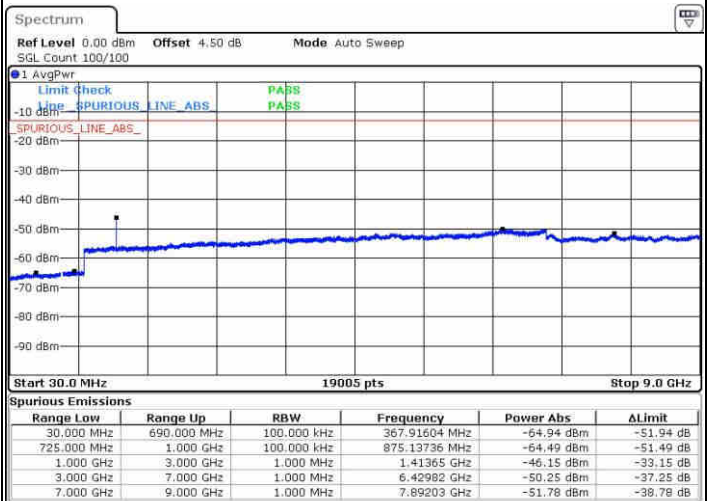
Date: 9.OCT.2016 05:18:39

## Highest Channel / QPSK



Date: 9.OCT.2016 05:20:32

## Highest Channel / 16QAM

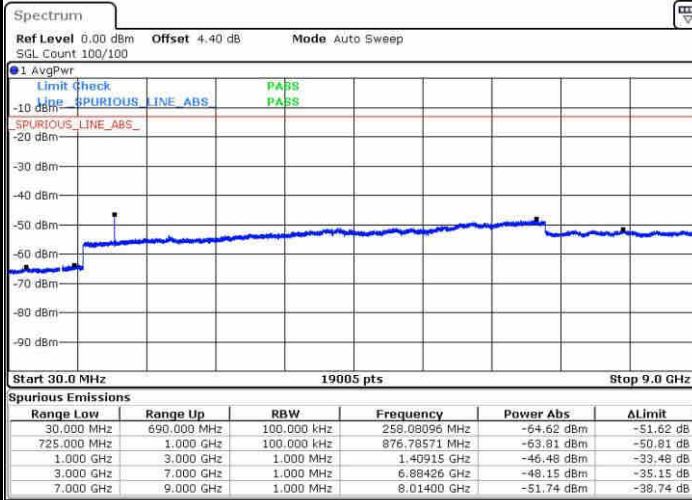


Date: 9.OCT.2016 05:21:29



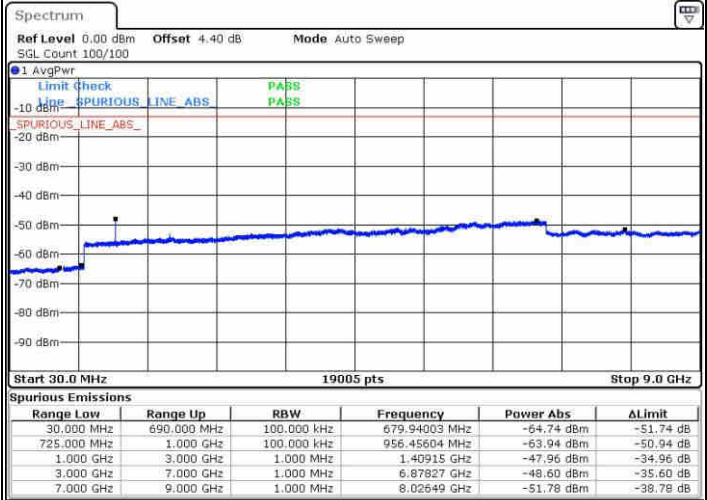
## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



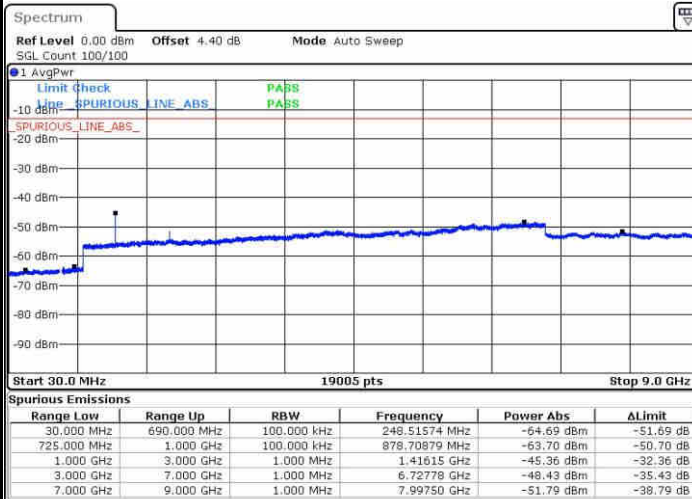
Date: 8.OCT.2016 17:41:39

## Lowest Channel / 16QAM



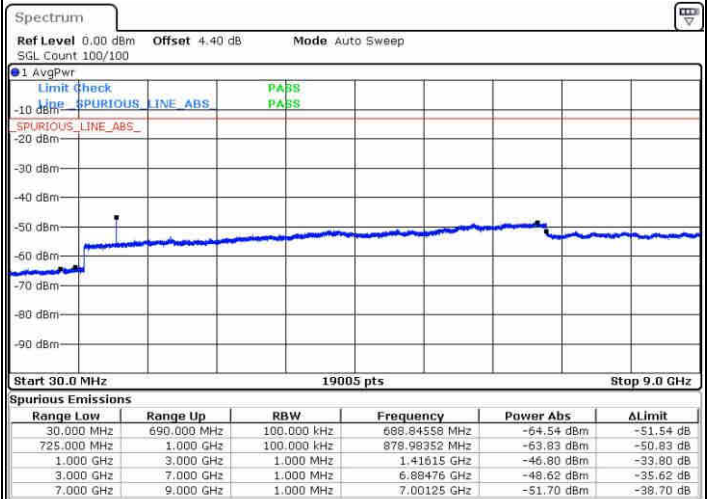
Date: 8.OCT.2016 17:42:35

## Middle Channel / QPSK



Date: 8.OCT.2016 17:44:15

## Middle Channel / 16QAM



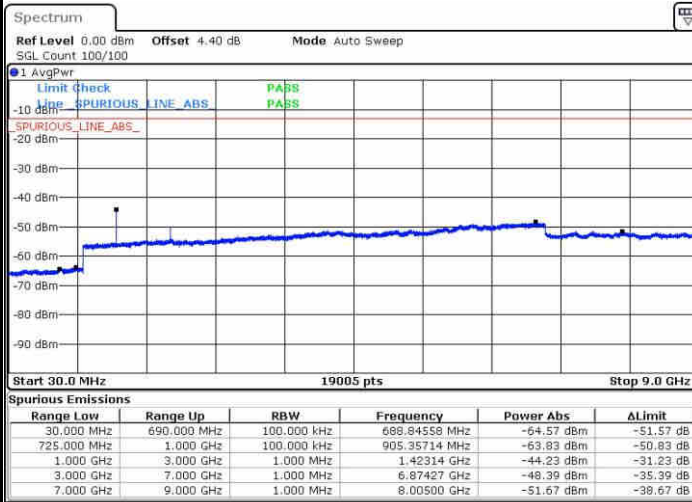
Date: 8.OCT.2016 17:45:11





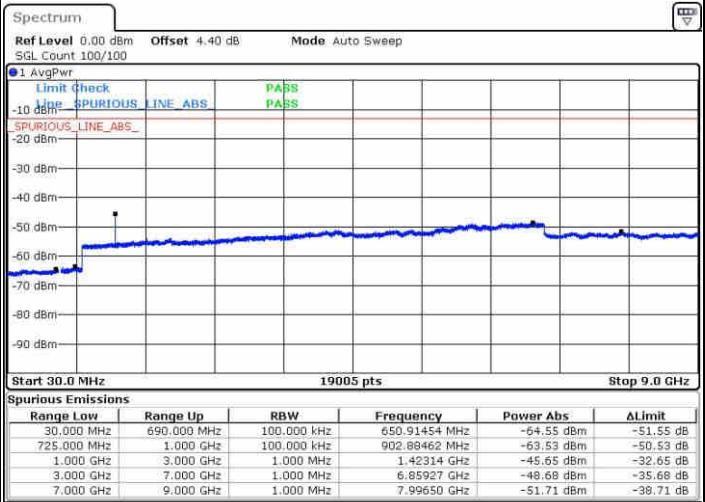
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 8.OCT.2016 17:51:26

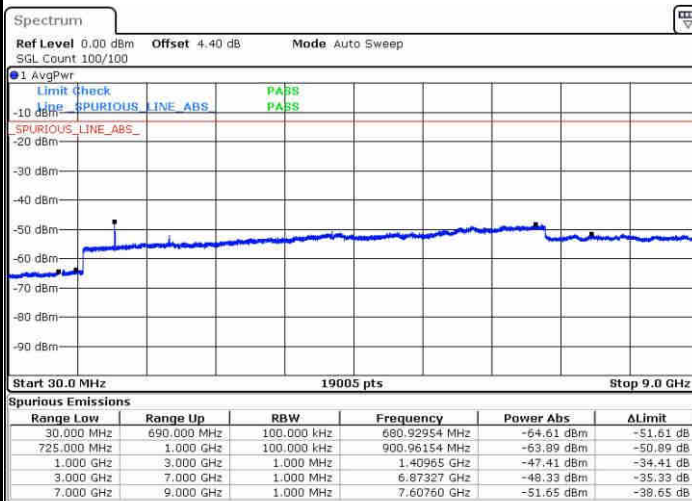
## Highest Channel / 16QAM



Date: 8.OCT.2016 17:52:22

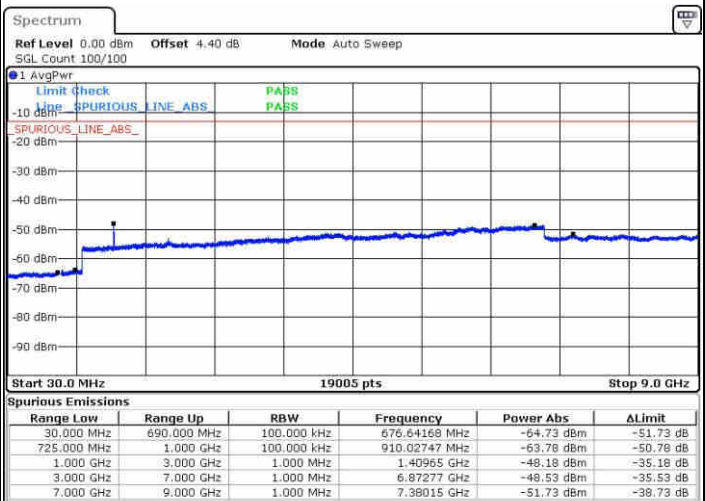
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 8.OCT.2016 17:58:37

## Lowest Channel / 16QAM

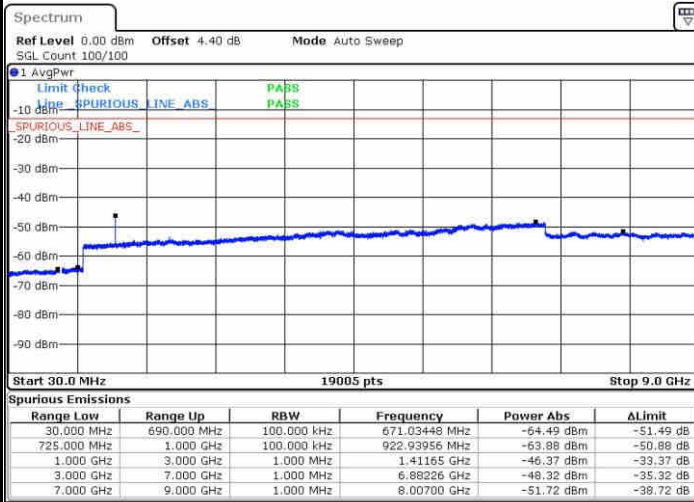


Date: 8.OCT.2016 17:58:33



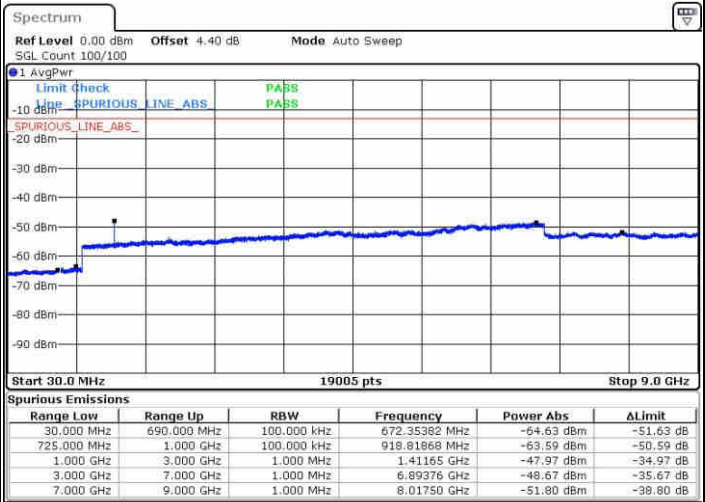
## LTE Band 17 / 10MHz

## Middle Channel / QPSK



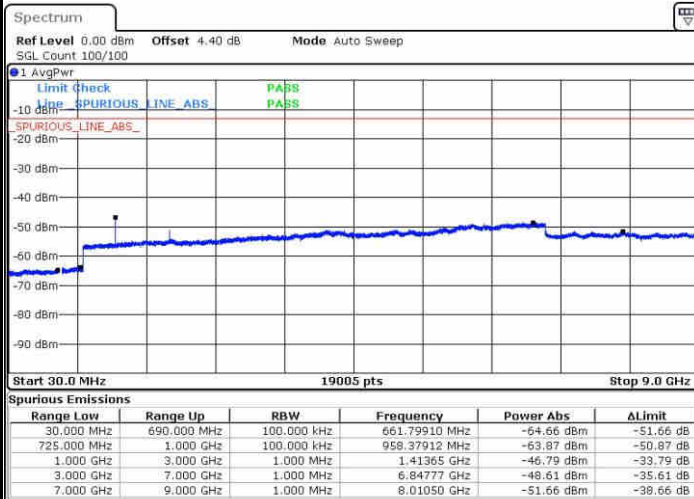
Date: 8.OCT.2016 18:01:13

## Middle Channel / 16QAM



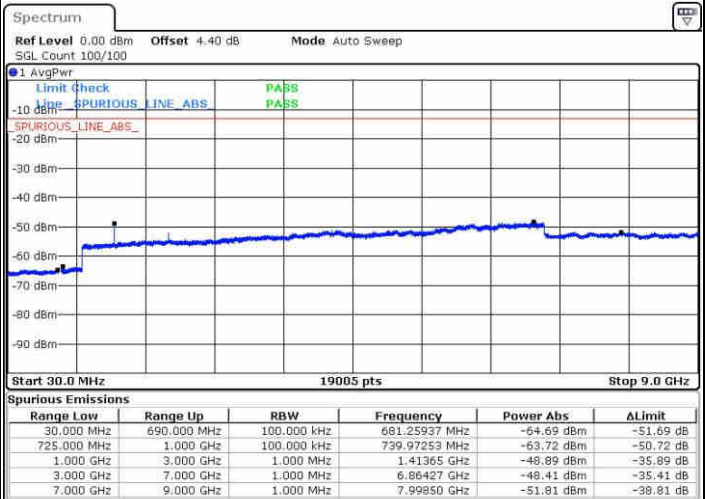
Date: 8.OCT.2016 18:02:09

## Highest Channel / QPSK



Date: 8.OCT.2016 18:08:24

## Highest Channel / 16QAM



Date: 8.OCT.2016 18:09:20

## 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    | 0.0026                             | PASS    |
| 40               | Normal Voltage    | 0.0020                             |         |
| 30               | Normal Voltage    | 0.0002                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0006                             |         |
| 0                | Normal Voltage    | 0.0027                             |         |
| -10              | Normal Voltage    | 0.0040                             |         |
| -20              | Normal Voltage    | 0.0031                             |         |
| -30              | Normal Voltage    | 0.0021                             |         |
| 20               | Maximum Voltage   | 0.0028                             |         |
| 20               | Normal Voltage    | 0.0031                             |         |
| 20               | Battery End Point | 0.0027                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0002                             | PASS    |
| 40                  | Normal Voltage    | 0.0020                             |         |
| 30                  | Normal Voltage    | 0.0013                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0002                             |         |
| 0                   | Normal Voltage    | 0.0017                             |         |
| -10                 | Normal Voltage    | 0.0002                             |         |
| -20                 | Normal Voltage    | 0.0002                             |         |
| -30                 | Normal Voltage    | 0.0025                             |         |
| 20                  | Maximum Voltage   | 0.0018                             |         |
| 20                  | Normal Voltage    | 0.0001                             |         |
| 20                  | Battery End Point | 0.0030                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 5 (QPSK) / Middle Channel | Limit  |
|---------------------|-------------------|------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | 2.5ppm |
|                     |                   | Deviation<br>(ppm)                 | Result |
| 50                  | Normal Voltage    | 0.0023                             | PASS   |
| 40                  | Normal Voltage    | 0.0051                             |        |
| 30                  | Normal Voltage    | 0.0043                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0002                             |        |
| 0                   | Normal Voltage    | 0.0018                             |        |
| -10                 | Normal Voltage    | 0.0031                             |        |
| -20                 | Normal Voltage    | 0.0054                             |        |
| -30                 | Normal Voltage    | 0.0050                             |        |
| 20                  | Maximum Voltage   | 0.0039                             |        |
| 20                  | Normal Voltage    | 0.0010                             |        |
| 20                  | Battery End Point | 0.0002                             |        |

**Note:** Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.



| Test Conditions     |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0016                             | PASS    |
| 40                  | Normal Voltage    | 0.0003                             |         |
| 30                  | Normal Voltage    | 0.0023                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0004                             |         |
| 0                   | Normal Voltage    | 0.0007                             |         |
| -10                 | Normal Voltage    | 0.0011                             |         |
| -20                 | Normal Voltage    | 0.0003                             |         |
| -30                 | Normal Voltage    | 0.0010                             |         |
| 20                  | Maximum Voltage   | 0.0017                             |         |
| 20                  | Normal Voltage    | 0.0011                             |         |
| 20                  | Battery End Point | 0.0004                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.





| Test Conditions     |                   | LTE Band 12 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0024                              | PASS    |
| 40                  | Normal Voltage    | 0.0069                              |         |
| 30                  | Normal Voltage    | 0.0013                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0014                              |         |
| 0                   | Normal Voltage    | 0.0018                              |         |
| -10                 | Normal Voltage    | 0.0024                              |         |
| -20                 | Normal Voltage    | 0.0064                              |         |
| -30                 | Normal Voltage    | 0.0085                              |         |
| 20                  | Maximum Voltage   | 0.0006                              |         |
| 20                  | Normal Voltage    | 0.0001                              |         |
| 20                  | Battery End Point | 0.0069                              |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 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    | 0.0072                              | PASS    |
| 40               | Normal Voltage    | 0.0059                              |         |
| 30               | Normal Voltage    | 0.0066                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0007                              |         |
| 0                | Normal Voltage    | 0.0010                              |         |
| -10              | Normal Voltage    | 0.0010                              |         |
| -20              | Normal Voltage    | 0.0061                              |         |
| -30              | Normal Voltage    | 0.0059                              |         |
| 20               | Maximum Voltage   | 0.0004                              |         |
| 20               | Normal Voltage    | 0.0069                              |         |
| 20               | Battery End Point | 0.0055                              |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                         | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                          | 3756              | -67.70       | -13           | -54.70            | -71.21            | -72.69             | 1.88                 | 6.87                  | H                  |
|                                                 | 5640              | -53.82       | -13           | -40.82            | -62.01            | -61.12             | 2.38                 | 9.68                  | H                  |
|                                                 | 7518              | -62.49       | -13           | -49.49            | -74.52            | -71.56             | 2.74                 | 11.81                 | H                  |
|                                                 | 3756              | -68.51       | -13           | -55.51            | -72.3             | -73.50             | 1.88                 | 6.87                  | V                  |
|                                                 | 5640              | -54.25       | -13           | -41.25            | -62.82            | -61.55             | 2.38                 | 9.68                  | V                  |
|                                                 | 7518              | -62.52       | -13           | -49.52            | -73.23            | -71.59             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 3756              | -67.87       | -13           | -54.87            | -71.38            | -72.86             | 1.88                 | 6.87                  | H                  |
|                                               | 5634              | -51.96       | -13           | -38.96            | -60.15            | -59.26             | 2.38                 | 9.68                  | H                  |
|                                               | 7512              | -62.27       | -13           | -49.27            | -74.30            | -71.34             | 2.74                 | 11.81                 | H                  |
|                                               | 3757.48           | -67.36       | -13           | -54.36            | -71.15            | -72.35             | 1.88                 | 6.87                  | V                  |
|                                               | 5634              | -54.96       | -13           | -41.96            | -63.53            | -62.26             | 2.38                 | 9.68                  | V                  |
|                                               | 7512              | -61.69       | -13           | -48.69            | -72.4             | -70.76             | 2.74                 | 11.81                 | V                  |

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



| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3756                 | -65.57          | -13              | -52.57                  | -69.08                  | -70.56                   | 1.88                       | 6.87                        | H                     |
|                                               | 5634                 | -54.09          | -13              | -41.09                  | -62.28                  | -61.39                   | 2.38                       | 9.68                        | H                     |
|                                               | 7512                 | -62.40          | -13              | -49.40                  | -74.43                  | -71.47                   | 2.74                       | 11.81                       | H                     |
|                                               | 3755.68              | -67.99          | -13              | -54.99                  | -71.78                  | -72.98                   | 1.88                       | 6.87                        | V                     |
|                                               | 5634                 | -56.71          | -13              | -43.71                  | -65.28                  | -64.01                   | 2.38                       | 9.68                        | V                     |
|                                               | 7511.36              | -61.56          | -13              | -48.56                  | -72.27                  | -70.63                   | 2.74                       | 11.81                       | V                     |

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

| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3750                 | -66.70          | -13              | -53.70                  | -70.21                  | -71.69                   | 1.88                       | 6.87                        | H                     |
|                                                | 5628                 | -54.72          | -13              | -41.72                  | -62.91                  | -62.02                   | 2.38                       | 9.68                        | H                     |
|                                                | 7500                 | -62.89          | -13              | -49.89                  | -74.92                  | -71.96                   | 2.74                       | 11.81                       | H                     |
|                                                | 3751.18              | -68.25          | -13              | -55.25                  | -72.04                  | -73.24                   | 1.88                       | 6.87                        | V                     |
|                                                | 5628                 | -56.86          | -13              | -43.86                  | -65.43                  | -64.16                   | 2.38                       | 9.68                        | V                     |
|                                                | 7500                 | -60.92          | -13              | -47.92                  | -71.63                  | -69.99                   | 2.74                       | 11.81                       | V                     |

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



| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3744                 | -66.47          | -13              | -53.47                  | -69.98                  | -71.46                   | 1.88                       | 6.87                        | H                     |
|                                                | 5622                 | -55.09          | -13              | -42.09                  | -63.28                  | -62.39                   | 2.38                       | 9.68                        | H                     |
|                                                | 7494                 | -62.27          | -13              | -49.27                  | -74.30                  | -71.34                   | 2.74                       | 11.81                       | H                     |
|                                                | 3744                 | -69.35          | -13              | -56.35                  | -73.14                  | -74.34                   | 1.88                       | 6.87                        | V                     |
|                                                | 5622                 | -55.40          | -13              | -42.40                  | -63.97                  | -62.70                   | 2.38                       | 9.68                        | V                     |
|                                                | 7494                 | -61.92          | -13              | -48.92                  | -72.63                  | -70.99                   | 2.74                       | 11.81                       | V                     |

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

| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3744                 | -66.22          | -13              | -53.22                  | -69.73                  | -71.21                   | 1.88                       | 6.87                        | H                     |
|                                                | 5610                 | -55.90          | -13              | -42.90                  | -64.09                  | -63.20                   | 2.38                       | 9.68                        | H                     |
|                                                | 7482                 | -62.49          | -13              | -49.49                  | -74.52                  | -71.56                   | 2.74                       | 11.81                       | H                     |
|                                                | 3742.18              | -68.93          | -13              | -55.93                  | -72.72                  | -73.92                   | 1.88                       | 6.87                        | V                     |
|                                                | 5610                 | -58.41          | -13              | -45.41                  | -66.98                  | -65.71                   | 2.38                       | 9.68                        | V                     |
|                                                | 7482                 | -62.33          | -13              | -49.33                  | -73.04                  | -71.40                   | 2.74                       | 11.81                       | V                     |

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



| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 3463.92              | -64.53          | -13              | -51.53                  | -71.32                  | -69.42                   | 1.81                       | 6.70                        | H                     |
|                                                 | 5196                 | -52.95          | -13              | -39.95                  | -65.63                  | -59.85                   | 2.23                       | 9.13                        | H                     |
|                                                 | 6927.84              | -59.56          | -13              | -46.56                  | -74.74                  | -67.62                   | 2.60                       | 10.66                       | H                     |
|                                                 | 8658                 | -52.09          | -13              | -39.09                  | -71.42                  | -61.99                   | 2.96                       | 12.86                       | H                     |
|                                                 | 3462                 | -65.75          | -13              | -52.75                  | -70.95                  | -70.64                   | 1.81                       | 6.70                        | V                     |
|                                                 | 5196                 | -52.12          | -13              | -39.12                  | -65.67                  | -59.02                   | 2.23                       | 9.13                        | V                     |
|                                                 | 6930                 | -58.79          | -13              | -45.79                  | -73.84                  | -66.85                   | 2.6                        | 10.66                       | V                     |
|                                                 | 8658                 | -53.95          | -13              | -40.95                  | -72.05                  | -63.85                   | 2.96                       | 12.86                       | V                     |

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

| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3462                 | -64.18          | -13              | -51.18                  | -70.97                  | -69.07                   | 1.81                       | 6.70                        | H                     |
|                                               | 5196                 | -54.99          | -13              | -41.99                  | -67.67                  | -61.89                   | 2.23                       | 9.13                        | H                     |
|                                               | 6924.96              | -60.60          | -13              | -47.60                  | -75.78                  | -68.66                   | 2.60                       | 10.66                       | H                     |
|                                               | 8658                 | -52.93          | -13              | -39.93                  | -72.26                  | -62.83                   | 2.96                       | 12.86                       | H                     |
|                                               | 3462.48              | -66.50          | -13              | -53.50                  | -71.7                   | -71.39                   | 1.81                       | 6.70                        | V                     |
|                                               | 5196                 | -53.17          | -13              | -40.17                  | -66.72                  | -60.07                   | 2.23                       | 9.13                        | V                     |
|                                               | 6924                 | -58.56          | -13              | -45.56                  | -73.61                  | -66.62                   | 2.6                        | 10.66                       | V                     |
|                                               | 8658                 | -56.85          | -13              | -43.85                  | -74.95                  | -66.75                   | 2.96                       | 12.86                       | V                     |

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



| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3462                 | -64.24          | -13              | -51.24                  | -71.03                  | -69.13                   | 1.81                       | 6.70                        | H                     |
|                                               | 5190                 | -53.10          | -13              | -40.10                  | -65.78                  | -60.00                   | 2.23                       | 9.13                        | H                     |
|                                               | 6924                 | -59.79          | -13              | -46.79                  | -74.97                  | -67.85                   | 2.60                       | 10.66                       | H                     |
|                                               | 8652                 | -51.44          | -13              | -38.44                  | -70.77                  | -61.34                   | 2.96                       | 12.86                       | H                     |
|                                               | 3462                 | -65.47          | -13              | -52.47                  | -70.67                  | -70.36                   | 1.81                       | 6.70                        | V                     |
|                                               | 5190                 | -51.67          | -13              | -38.67                  | -65.22                  | -58.57                   | 2.23                       | 9.13                        | V                     |
|                                               | 6924                 | -60.15          | -13              | -47.15                  | -75.2                   | -68.21                   | 2.6                        | 10.66                       | V                     |
|                                               | 8652                 | -53.87          | -13              | -40.87                  | -71.97                  | -63.77                   | 2.96                       | 12.86                       | V                     |

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

| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3456.18              | -64.84          | -13              | -51.84                  | -71.63                  | -69.73                   | 1.81                       | 6.70                        | H                     |
|                                                | 5184                 | -54.08          | -13              | -41.08                  | -66.76                  | -60.98                   | 2.23                       | 9.13                        | H                     |
|                                                | 6912                 | -59.81          | -13              | -46.81                  | -74.99                  | -67.87                   | 2.60                       | 10.66                       | H                     |
|                                                | 8640                 | -55.52          | -13              | -42.52                  | -74.85                  | -65.42                   | 2.96                       | 12.86                       | H                     |
|                                                | 3456                 | -64.01          | -13              | -51.01                  | -69.21                  | -68.90                   | 1.81                       | 6.70                        | V                     |
|                                                | 5184                 | -52.10          | -13              | -39.10                  | -65.65                  | -59.00                   | 2.23                       | 9.13                        | V                     |
|                                                | 6912                 | -58.76          | -13              | -45.76                  | -73.81                  | -66.82                   | 2.6                        | 10.66                       | V                     |
|                                                | 8640                 | -56.37          | -13              | -43.37                  | -74.47                  | -66.27                   | 2.96                       | 12.86                       | V                     |

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





| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3450              | -63.99       | -13           | -50.99            | -70.78            | -68.88             | 1.81                 | 6.70                  | H                  |
|                                                | 5178              | -50.79       | -13           | -37.79            | -63.47            | -57.69             | 2.23                 | 9.13                  | H                  |
|                                                | 6906              | -59.79       | -13           | -46.79            | -74.97            | -67.85             | 2.60                 | 10.66                 | H                  |
|                                                | 8628              | -54.51       | -13           | -41.51            | -73.84            | -64.41             | 2.96                 | 12.86                 | H                  |
|                                                | 3450              | -66.43       | -13           | -53.43            | -71.63            | -71.32             | 1.81                 | 6.70                  | V                  |
|                                                | 5178              | -50.26       | -13           | -37.26            | -63.81            | -57.16             | 2.23                 | 9.13                  | V                  |
|                                                | 6906              | -60.49       | -13           | -47.49            | -75.54            | -68.55             | 2.6                  | 10.66                 | V                  |
|                                                | 8628              | -56.09       | -13           | -43.09            | -74.19            | -65.99             | 2.96                 | 12.86                 | V                  |

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

| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3450              | -65.64       | -13           | -52.64            | -72.43            | -70.53             | 1.81                 | 6.70                  | H                  |
|                                                | 5172              | -49.81       | -13           | -36.81            | -62.49            | -56.71             | 2.23                 | 9.13                  | H                  |
|                                                | 6894              | -59.08       | -13           | -46.08            | -74.26            | -67.14             | 2.60                 | 10.66                 | H                  |
|                                                | 8616              | -53.61       | -13           | -40.61            | -72.94            | -63.51             | 2.96                 | 12.86                 | H                  |
|                                                | 3450              | -67.57       | -13           | -54.57            | -72.77            | -72.46             | 1.81                 | 6.70                  | V                  |
|                                                | 5172              | -48.83       | -13           | -35.83            | -62.38            | -55.73             | 2.23                 | 9.13                  | V                  |
|                                                | 6894              | -59.37       | -13           | -46.37            | -74.42            | -67.43             | 2.6                  | 10.66                 | V                  |
|                                                | 8616              | -56.62       | -13           | -43.62            | -74.72            | -66.52             | 2.96                 | 12.86                 | 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) |
| Middle                                          | 1672                 | -56.98         | -13              | -43.98                  | -55.62                  | -58.84                   | 1.19                       | 5.20                        | H                     |
|                                                 | 2507.85              | -69.18         | -13              | -56.18                  | -72.17                  | -71.40                   | 1.53                       | 5.90                        | H                     |
|                                                 | 3343.8               | -68.93         | -13              | -55.93                  | -72.88                  | -71.72                   | 1.76                       | 6.70                        | H                     |
|                                                 | 1672                 | -60.16         | -13              | -47.16                  | -58.12                  | -62.02                   | 1.19                       | 5.20                        | V                     |
|                                                 | 2504                 | -67.83         | -13              | -54.83                  | -69.81                  | -70.05                   | 1.53                       | 5.90                        | V                     |
|                                                 | 3343.8               | -69.61         | -13              | -56.61                  | -72.93                  | -72.40                   | 1.76                       | 6.70                        | V                     |

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

| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 1672                 | -58.58         | -13              | -45.58                  | -57.21                  | -60.60                   | 1.73                       | 5.90                        | H                     |
|                                               | 2504                 | -68.44         | -13              | -55.44                  | -71.43                  | -70.98                   | 2.11                       | 6.80                        | H                     |
|                                               | 3341.64              | -68.98         | -13              | -55.98                  | -72.93                  | -71.76                   | 2.47                       | 7.40                        | H                     |
|                                               | 1672                 | -60.15         | -13              | -47.15                  | -58.11                  | -62.17                   | 1.73                       | 5.90                        | V                     |
|                                               | 2506.23              | -69.23         | -13              | -56.23                  | -71.21                  | -71.77                   | 2.11                       | 6.80                        | V                     |
|                                               | 3341.64              | -68.76         | -13              | -55.76                  | -72.08                  | -71.54                   | 2.47                       | 7.40                        | 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 ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 1672              | -61.45      | -13           | -48.45            | -60.08            | -63.47             | 1.73                 | 5.90                  | H                  |
|                                               | 2504              | -68.51      | -13           | -55.51            | -71.50            | -71.05             | 2.11                 | 6.80                  | H                  |
|                                               | 3337.32           | -69.19      | -13           | -56.19            | -73.14            | -71.97             | 2.47                 | 7.40                  | H                  |
|                                               | 1672              | -62.38      | -13           | -49.38            | -60.34            | -64.40             | 1.73                 | 5.90                  | V                  |
|                                               | 2502.99           | -68.53      | -13           | -55.53            | -70.51            | -71.07             | 2.11                 | 6.80                  | V                  |
|                                               | 3336              | -69.73      | -13           | -56.73            | -73.05            | -72.51             | 2.47                 | 7.40                  | 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 ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 1664              | -64.19      | -13           | -51.19            | -62.82            | -66.21             | 1.73                 | 5.90                  | H                  |
|                                                | 2496              | -67.02      | -13           | -54.02            | -70.01            | -69.56             | 2.11                 | 6.80                  | H                  |
|                                                | 3328              | -68.50      | -13           | -55.50            | -72.45            | -71.28             | 2.47                 | 7.40                  | H                  |
|                                                | 1664              | -62.07      | -13           | -49.07            | -60.03            | -64.09             | 1.73                 | 5.90                  | V                  |
|                                                | 2496              | -69.00      | -13           | -56.00            | -70.98            | -71.54             | 2.11                 | 6.80                  | V                  |
|                                                | 3328              | -68.97      | -13           | -55.97            | -72.29            | -71.75             | 2.47                 | 7.40                  | 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) |
| Middle                                        | 5064                 | -55.99          | -25              | -30.99                  | -65.21                  | -62.55                   | 2.41                       | 8.97                        | H                     |
|                                               | 7600                 | -52.41          | -25              | -27.41                  | -66.11                  | -61.41                   | 2.86                       | 11.86                       | H                     |
|                                               | 10134                | -58.74          | -25              | -33.74                  | -77.09                  | -67.64                   | 3.21                       | 12.11                       | H                     |
|                                               | 5064                 | -56.38          | -25              | -31.38                  | -65.09                  | -62.94                   | 2.41                       | 8.97                        | V                     |
|                                               | 7600                 | -56.15          | -25              | -31.15                  | -70.78                  | -65.15                   | 2.86                       | 11.86                       | V                     |
|                                               | 10134                | -57.54          | -25              | -32.54                  | -76.94                  | -66.44                   | 3.21                       | 12.11                       | V                     |

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

| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5060                 | -52.46          | -25              | -27.46                  | -61.68                  | -59.02                   | 2.41                       | 8.97                        | H                     |
|                                                | 7592                 | -51.34          | -25              | -26.34                  | -65.04                  | -60.34                   | 2.86                       | 11.86                       | H                     |
|                                                | 10125                | -57.74          | -25              | -32.74                  | -76.09                  | -66.64                   | 3.21                       | 12.11                       | H                     |
|                                                | 5060                 | -53.57          | -25              | -28.57                  | -62.28                  | -60.13                   | 2.41                       | 8.97                        | V                     |
|                                                | 7592                 | -51.66          | -25              | -26.66                  | -66.29                  | -60.66                   | 2.86                       | 11.86                       | V                     |
|                                                | 10125                | -56.78          | -25              | -31.78                  | -76.18                  | -65.68                   | 3.21                       | 12.11                       | V                     |

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



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5056                 | -55.05          | -25              | -30.05                  | -64.27                  | -61.61                   | 2.41                       | 8.97                        | H                     |
|                                                | 7584                 | -51.17          | -25              | -26.17                  | -64.87                  | -60.17                   | 2.86                       | 11.86                       | H                     |
|                                                | 10116                | -58.72          | -25              | -33.72                  | -77.07                  | -67.62                   | 3.21                       | 12.11                       | H                     |
|                                                | 5056                 | -53.31          | -25              | -28.31                  | -62.02                  | -59.87                   | 2.41                       | 8.97                        | V                     |
|                                                | 7584                 | -51.02          | -25              | -26.02                  | -65.65                  | -60.02                   | 2.86                       | 11.86                       | V                     |
|                                                | 10116                | -57.35          | -25              | -32.35                  | -76.75                  | -66.25                   | 3.21                       | 12.11                       | V                     |

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

| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5052                 | -50.30          | -25              | -25.30                  | -59.52                  | -56.86                   | 2.41                       | 8.97                        | H                     |
|                                                | 7576                 | -53.75          | -25              | -28.75                  | -67.45                  | -62.75                   | 2.86                       | 11.86                       | H                     |
|                                                | 10107                | -58.56          | -25              | -33.56                  | -76.91                  | -67.46                   | 3.21                       | 12.11                       | H                     |
|                                                | 5052                 | -53.82          | -25              | -28.82                  | -62.53                  | -60.38                   | 2.41                       | 8.97                        | V                     |
|                                                | 7576                 | -53.01          | -25              | -28.01                  | -67.64                  | -62.01                   | 2.86                       | 11.86                       | V                     |
|                                                | 10107                | -57.42          | -25              | -32.42                  | -76.82                  | -66.32                   | 3.21                       | 12.11                       | V                     |

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



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                          | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                           | 1416                 | -71.97         | -13              | -58.97                  | -67.81                  | -72.87                   | 1.14                       | 4.19                        | H                     |
|                                                  | 2120                 | -70.49         | -13              | -57.49                  | -69.95                  | -71.95                   | 1.4                        | 5.01                        | H                     |
|                                                  | 2824                 | -70.94         | -13              | -57.94                  | -71.58                  | -73.47                   | 1.63                       | 6.31                        | H                     |
|                                                  | 1416                 | -71.67         | -13              | -58.67                  | -66.54                  | -72.57                   | 1.14                       | 4.19                        | V                     |
|                                                  | 2120                 | -71.08         | -13              | -58.08                  | -69.2                   | -72.54                   | 1.4                        | 5.01                        | V                     |
|                                                  | 2824                 | -69.44         | -13              | -56.44                  | -71.56                  | -71.97                   | 1.63                       | 6.31                        | V                     |

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

| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1416                 | -71.51         | -13              | -58.51                  | -67.35                  | -72.41                   | 1.14                       | 4.19                        | H                     |
|                                                | 2120                 | -71.58         | -13              | -58.58                  | -71.04                  | -73.04                   | 1.4                        | 5.01                        | H                     |
|                                                | 2824                 | -70.80         | -13              | -57.80                  | -71.44                  | -73.33                   | 1.63                       | 6.31                        | H                     |
|                                                | 1416                 | -72.59         | -13              | -59.59                  | -67.46                  | -73.49                   | 1.14                       | 4.19                        | V                     |
|                                                | 2120                 | -72.23         | -13              | -59.23                  | -70.35                  | -73.69                   | 1.4                        | 5.01                        | V                     |
|                                                | 2824                 | -69.32         | -13              | -56.32                  | -71.44                  | -71.85                   | 1.63                       | 6.31                        | V                     |

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



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1408                 | -70.61         | -13              | -57.61                  | -66.45                  | -71.51                   | 1.14                       | 4.19                        | H                     |
|                                                | 2120                 | -72.12         | -13              | -59.12                  | -71.58                  | -73.58                   | 1.4                        | 5.01                        | H                     |
|                                                | 2824.96              | -70.67         | -13              | -57.67                  | -71.31                  | -73.20                   | 1.63                       | 6.31                        | H                     |
|                                                | 1408                 | -72.41         | -13              | -59.41                  | -67.28                  | -73.31                   | 1.14                       | 4.19                        | V                     |
|                                                | 2112                 | -71.35         | -13              | -58.35                  | -69.47                  | -72.81                   | 1.4                        | 5.01                        | V                     |
|                                                | 2824                 | -69.44         | -13              | -56.44                  | -71.56                  | -71.97                   | 1.63                       | 6.31                        | V                     |

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

| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 1408                 | -73.28         | -13              | -60.28                  | -69.12                  | -74.18                   | 1.14                       | 4.19                        | H                     |
|                                                 | 2109.27              | -68.49         | -13              | -55.49                  | -67.95                  | -69.95                   | 1.4                        | 5.01                        | H                     |
|                                                 | 2816                 | -70.60         | -13              | -57.60                  | -71.24                  | -73.13                   | 1.63                       | 6.31                        | H                     |
|                                                 | 1408                 | -74.48         | -13              | -61.48                  | -69.35                  | -75.38                   | 1.14                       | 4.19                        | V                     |
|                                                 | 2112                 | -68.39         | -13              | -55.39                  | -66.51                  | -69.85                   | 1.4                        | 5.01                        | V                     |
|                                                 | 2816                 | -69.38         | -13              | -56.38                  | -71.5                   | -71.91                   | 1.63                       | 6.31                        | V                     |

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



| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1416                 | -68.79         | -13              | -55.79                  | -64.63                  | -69.69                   | 1.14                       | 4.19                        | H                     |
|                                                | 2120                 | -71.98         | -13              | -58.98                  | -71.44                  | -73.44                   | 1.4                        | 5.01                        | H                     |
|                                                | 2832                 | -71.05         | -13              | -58.05                  | -71.69                  | -73.58                   | 1.63                       | 6.31                        | H                     |
|                                                | 1416                 | -70.98         | -13              | -57.98                  | -65.85                  | -71.88                   | 1.14                       | 4.19                        | V                     |
|                                                | 2120                 | -73.77         | -13              | -60.77                  | -71.89                  | -75.23                   | 1.4                        | 5.01                        | V                     |
|                                                | 2832                 | -69.94         | -13              | -56.94                  | -72.06                  | -72.47                   | 1.63                       | 6.31                        | V                     |

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

| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 1408                 | -68.29         | -13              | -55.29                  | -64.13                  | -69.19                   | 1.14                       | 4.19                        | H                     |
|                                                 | 2120                 | -70.72         | -13              | -57.72                  | -70.18                  | -72.18                   | 1.4                        | 5.01                        | H                     |
|                                                 | 2824                 | -71.15         | -13              | -58.15                  | -71.79                  | -73.68                   | 1.63                       | 6.31                        | H                     |
|                                                 | 1408                 | -70.87         | -13              | -57.87                  | -65.74                  | -71.77                   | 1.14                       | 4.19                        | V                     |
|                                                 | 2120                 | -73.51         | -13              | -60.51                  | -71.63                  | -74.97                   | 1.4                        | 5.01                        | V                     |
|                                                 | 2824                 | -69.46         | -13              | -56.46                  | -71.58                  | -71.99                   | 1.63                       | 6.31                        | V                     |

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