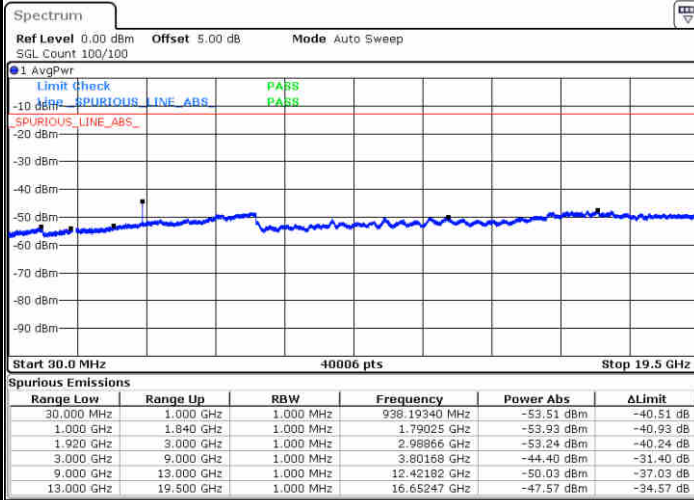




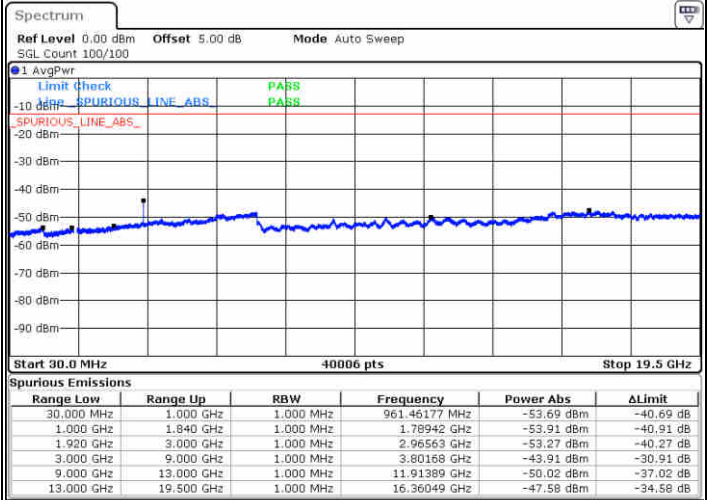
## LTE Band 25 / 15MHz

## Highest Channel / QPSK



Date: 19 JUN 2017 20:41:36

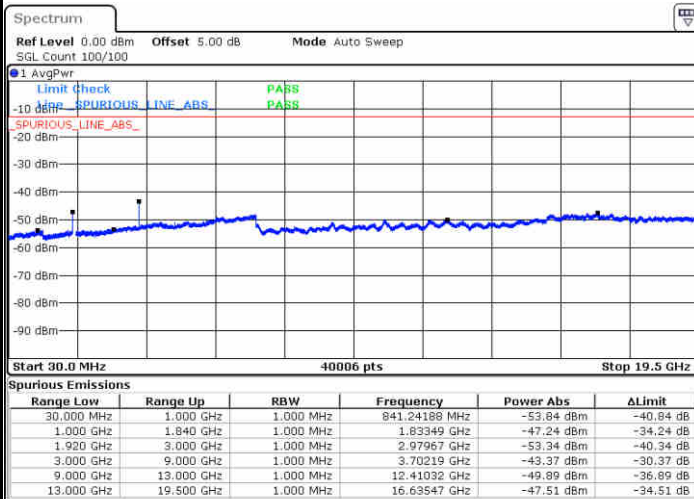
## Highest Channel / 16QAM



Date: 19 JUN 2017 20:42:19

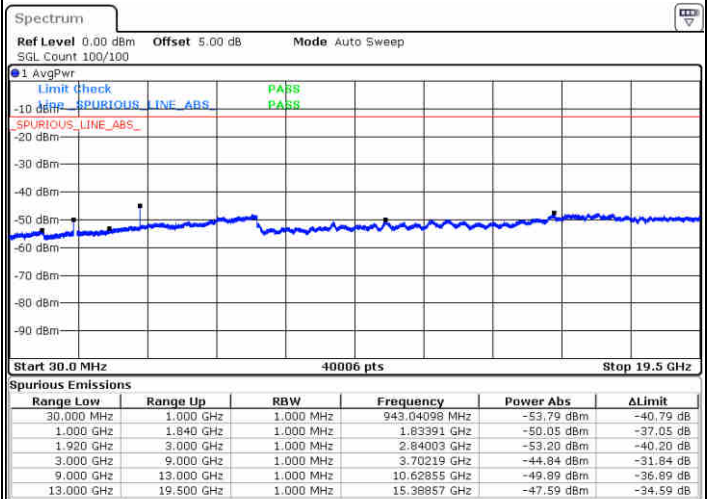
## LTE Band 25 / 20MHz

## Lowest Channel / QPSK



Date: 19 JUN 2017 20:56:31

## Lowest Channel / 16QAM

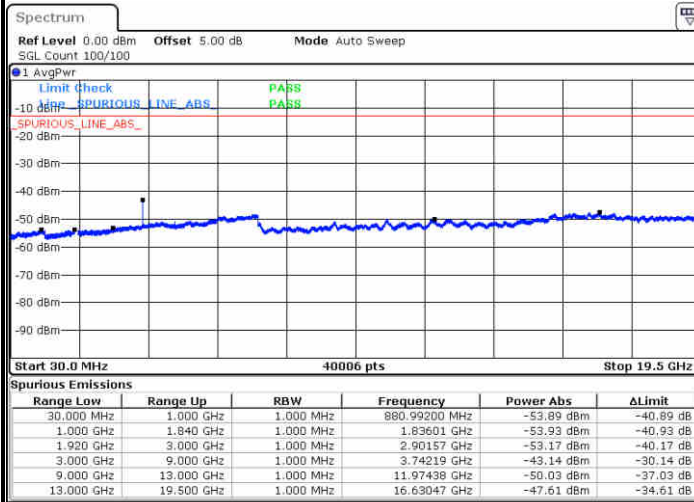


Date: 19 JUN 2017 20:58:14



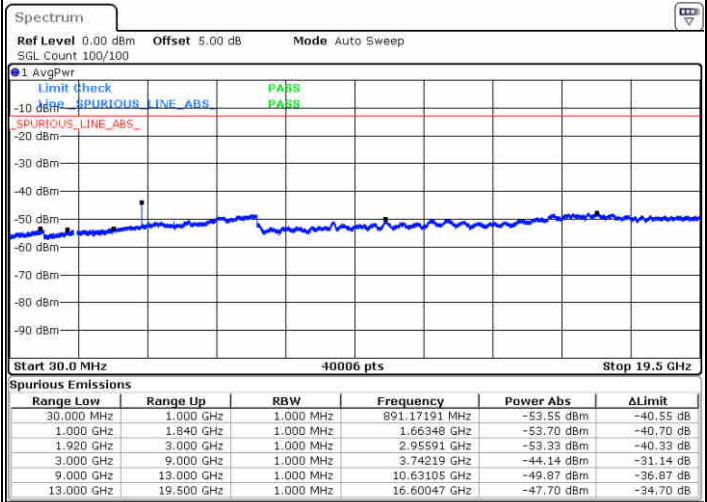
## LTE Band 25 / 20MHz

## Middle Channel / QPSK



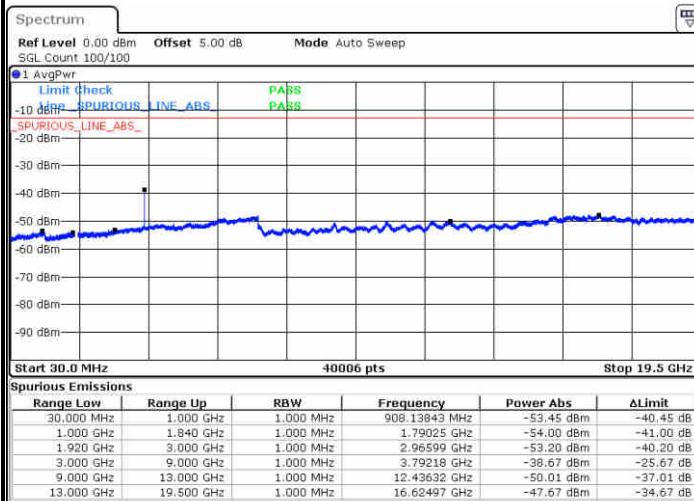
Date: 19 JUN 2017 20:59:37

## Middle Channel / 16QAM



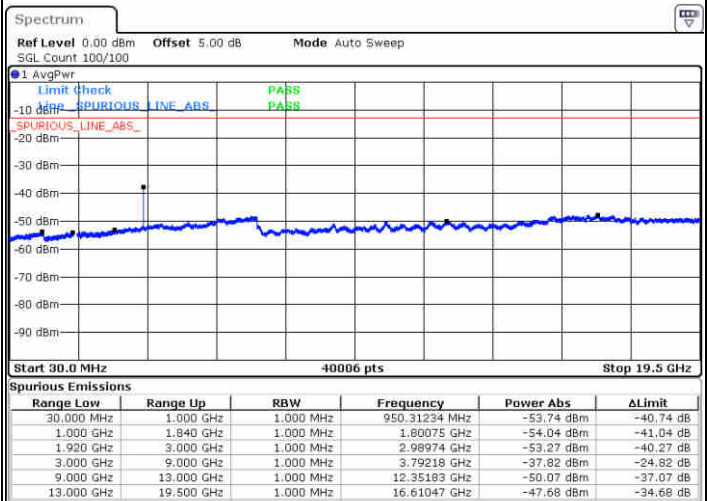
Date: 19 JUN 2017 20:58:56

## Highest Channel / QPSK



Date: 19 JUN 2017 21:00:25

## Highest Channel / 16QAM

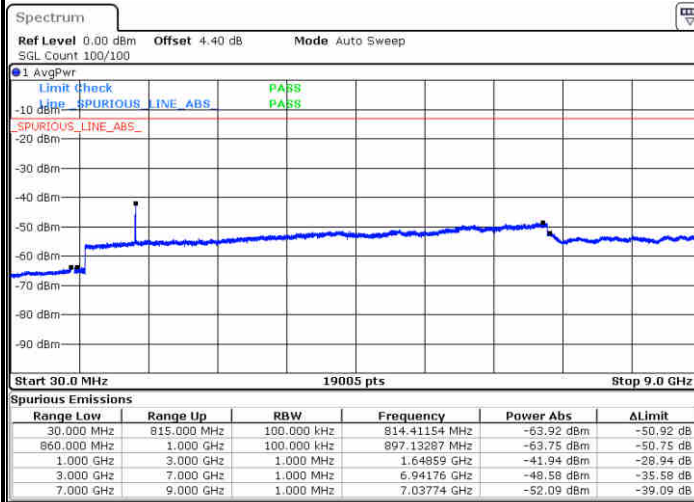


Date: 19 JUN 2017 21:01:08



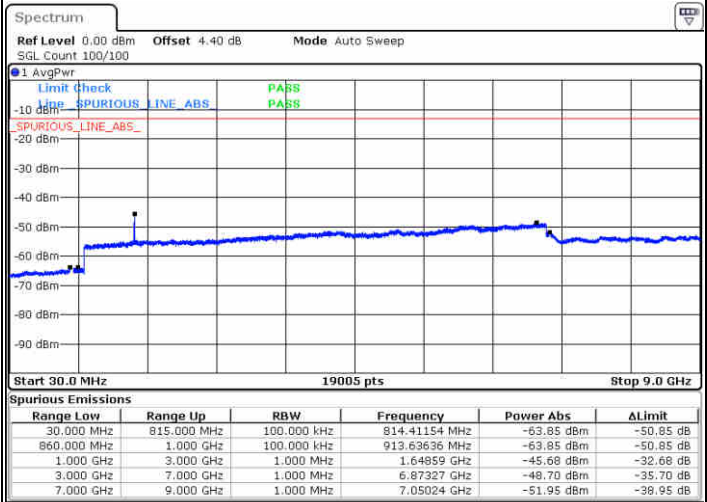
## LTE Band 26 / 1.4MHz

## Lowest Channel / QPSK



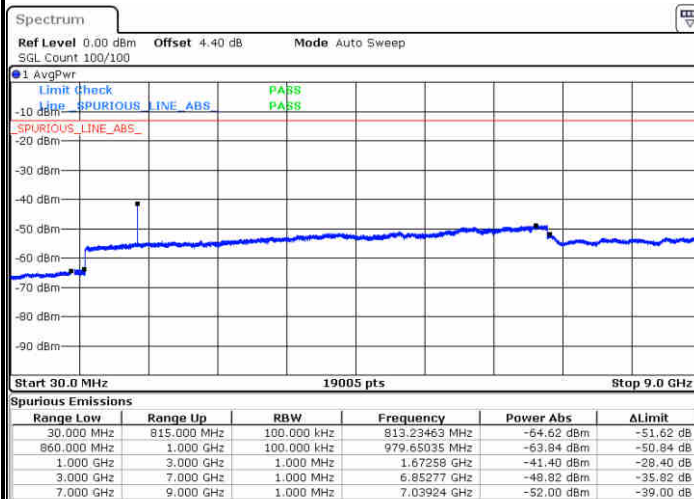
Date: 22 JUN 2017 19:49:20

## Lowest Channel / 16QAM



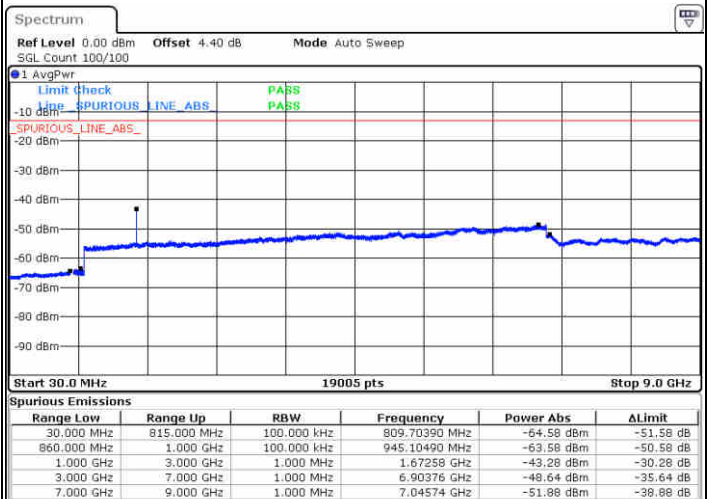
Date: 22 JUN 2017 19:51:03

## Middle Channel / QPSK



Date: 22 JUN 2017 19:52:20

## Middle Channel / 16QAM

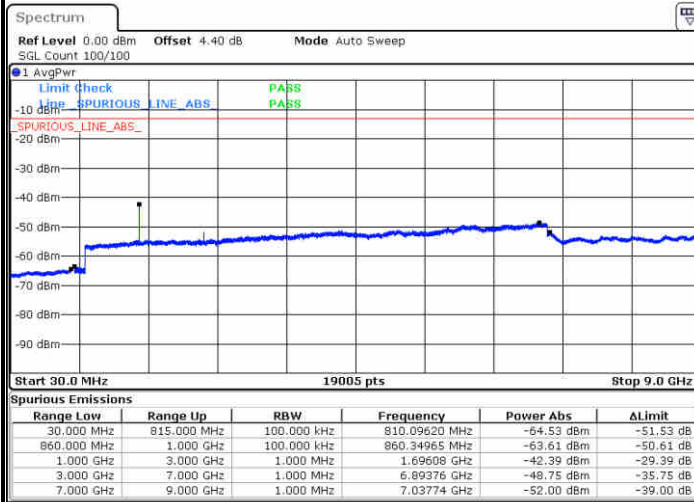


Date: 22 JUN 2017 19:51:29



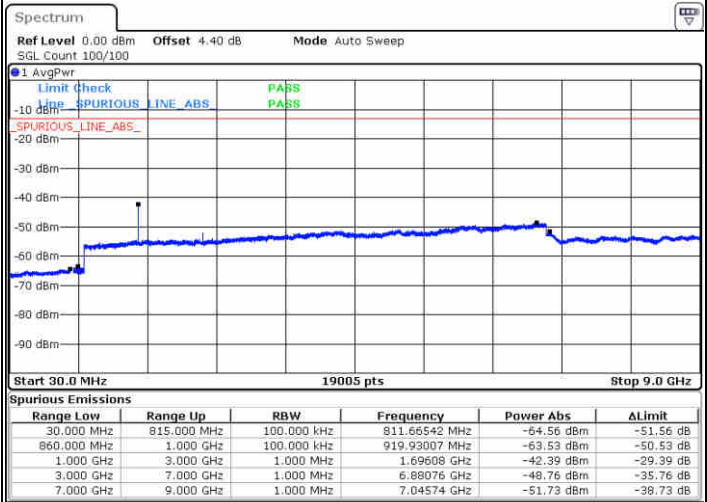
## LTE Band 26 / 1.4MHz

## Highest Channel / QPSK



Date: 22 JUN 2017 19:52:54

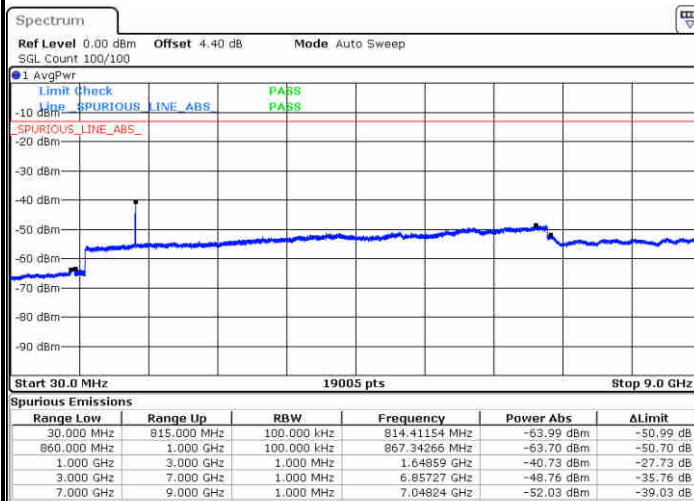
## Highest Channel / 16QAM



Date: 22 JUN 2017 19:53:19

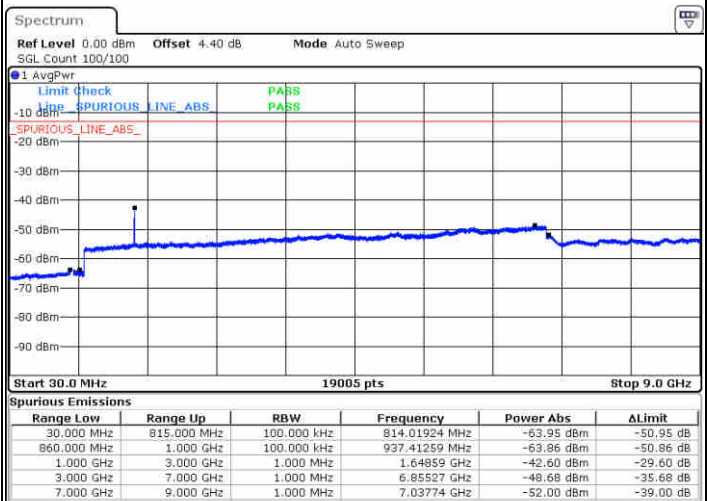
## LTE Band 26 / 3MHz

## Lowest Channel / QPSK



Date: 22 JUN 2017 19:54:24

## Lowest Channel / 16QAM

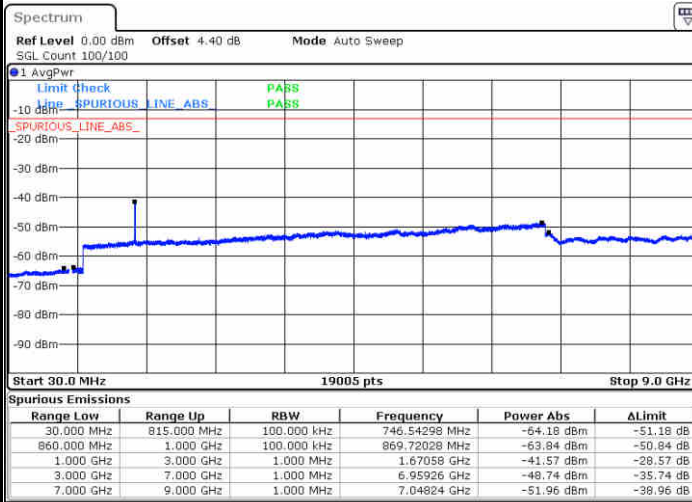


Date: 22 JUN 2017 19:53:58



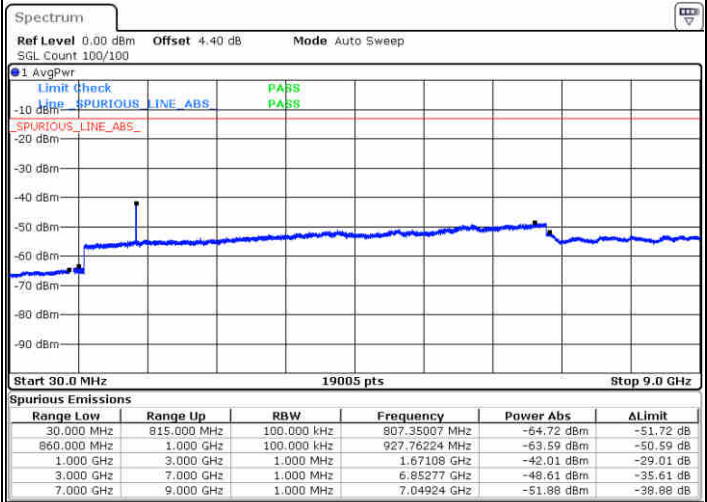
## LTE Band 26 / 3MHz

## Middle Channel / QPSK



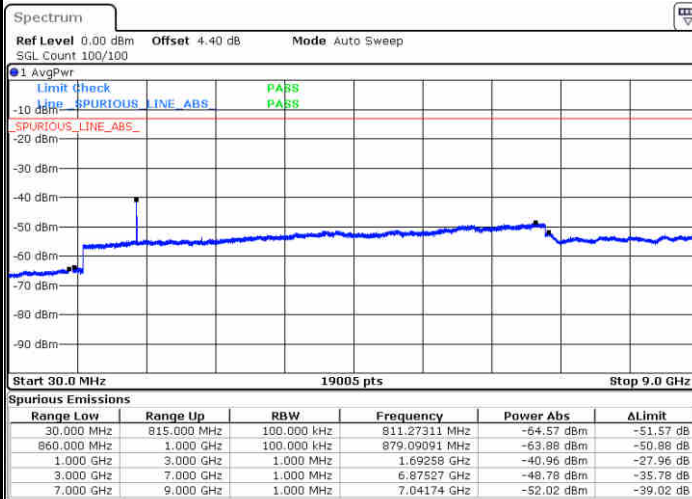
Date: 22 JUN 2017 19:54:52

## Middle Channel / 16QAM



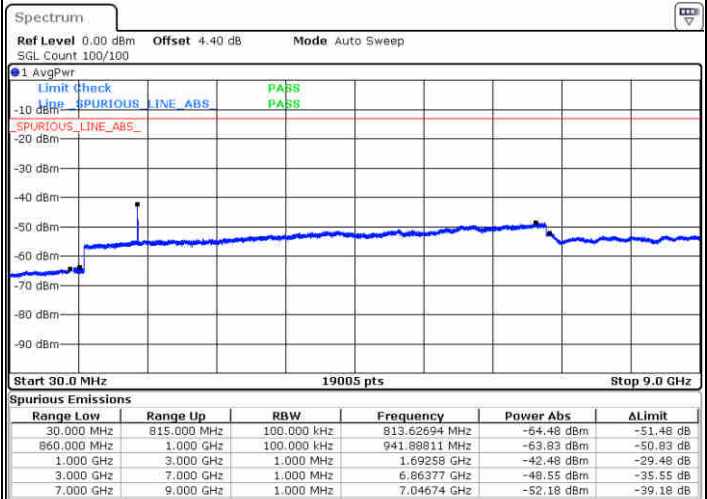
Date: 22 JUN 2017 19:55:21

## Highest Channel / QPSK



Date: 22 JUN 2017 19:56:13

## Highest Channel / 16QAM

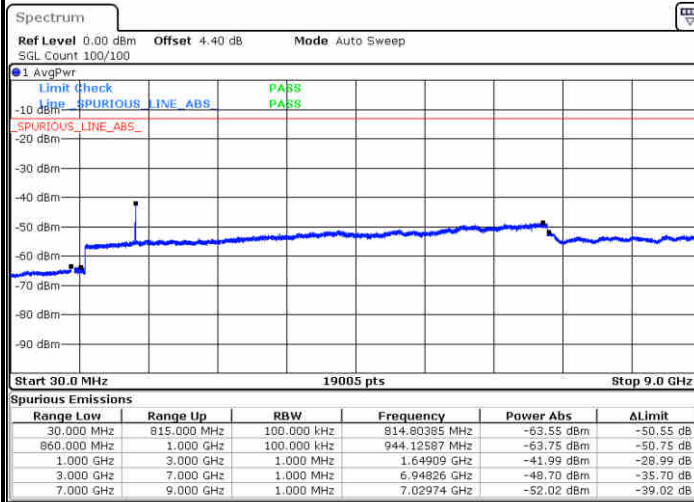


Date: 22 JUN 2017 19:55:48



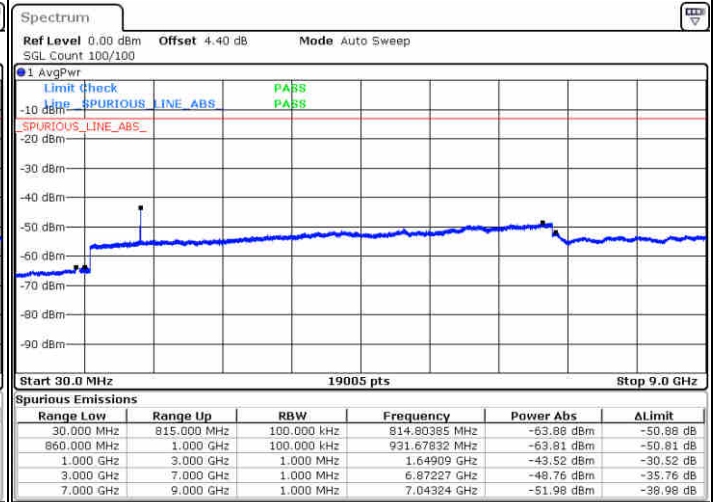
## LTE Band 26 / 5MHz

## Lowest Channel / QPSK



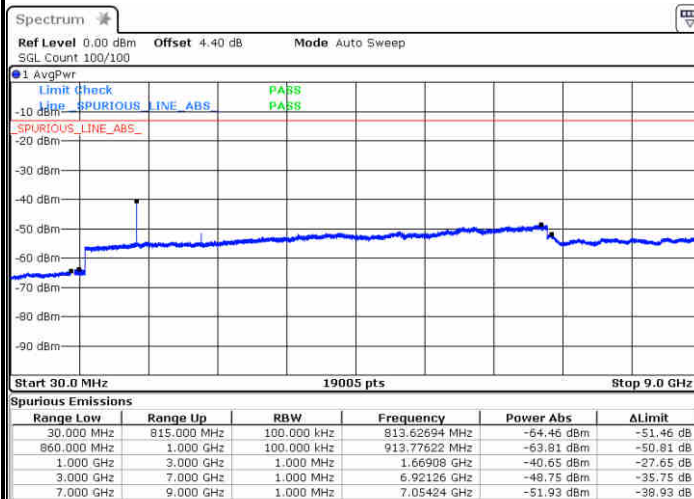
Date: 22 JUN 2017 20:26:53

## Lowest Channel / 16QAM



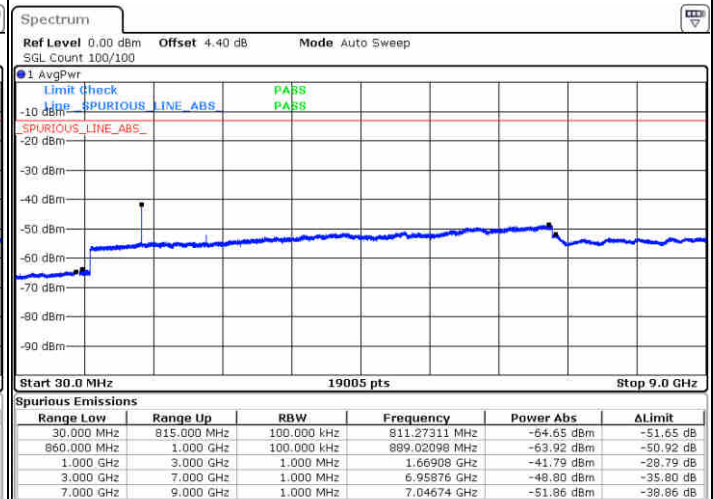
Date: 22 JUN 2017 20:26:25

## Middle Channel / QPSK



Date: 22 JUN 2017 20:27:58

## Middle Channel / 16QAM

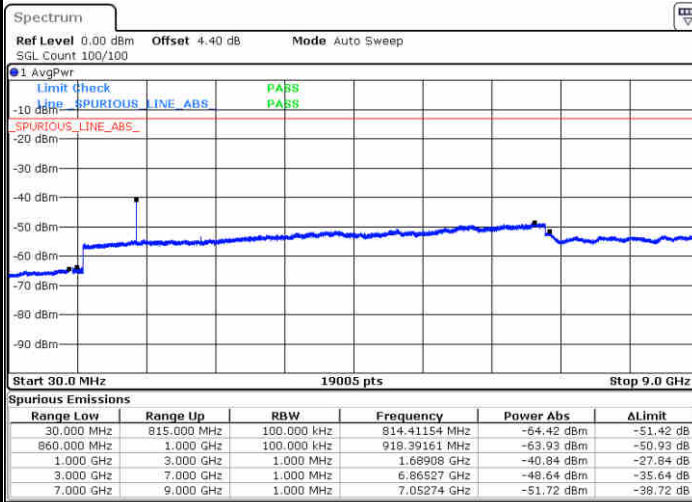


Date: 22 JUN 2017 20:28:45



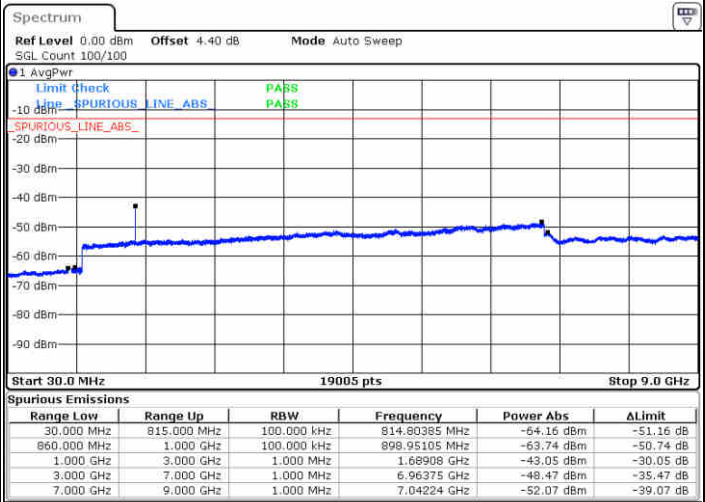
## LTE Band 26 / 5MHz

## Highest Channel / QPSK



Date: 22 JUN 2017 20:29:58

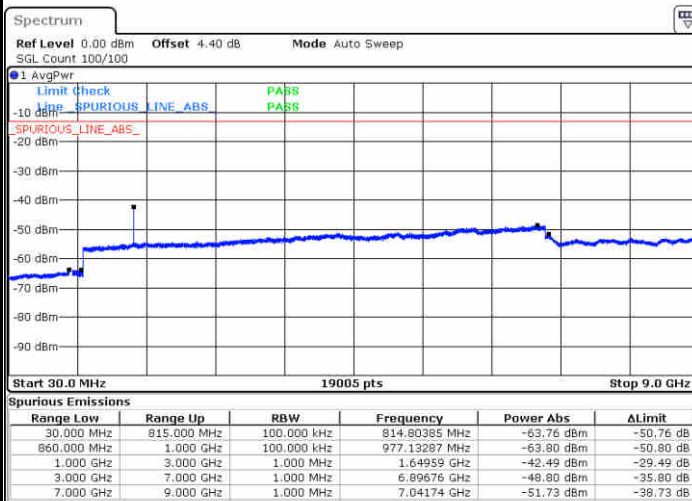
## Highest Channel / 16QAM



Date: 22 JUN 2017 20:29:29

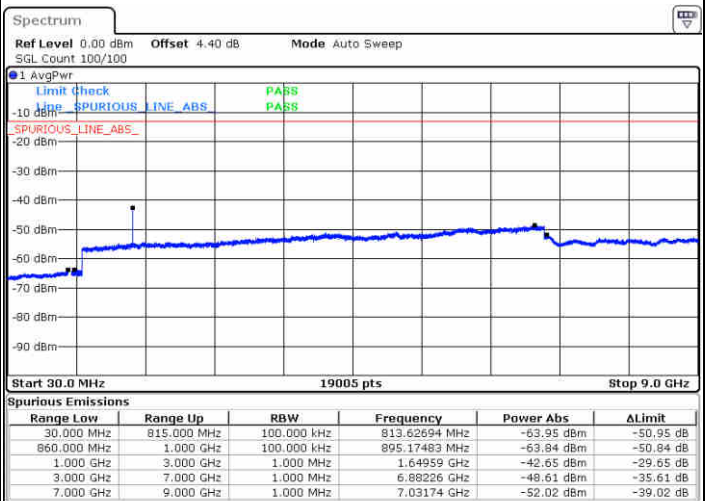
## LTE Band 26 / 10MHz

## Lowest Channel / QPSK



Date: 22 JUN 2017 20:38:46

## Lowest Channel / 16QAM

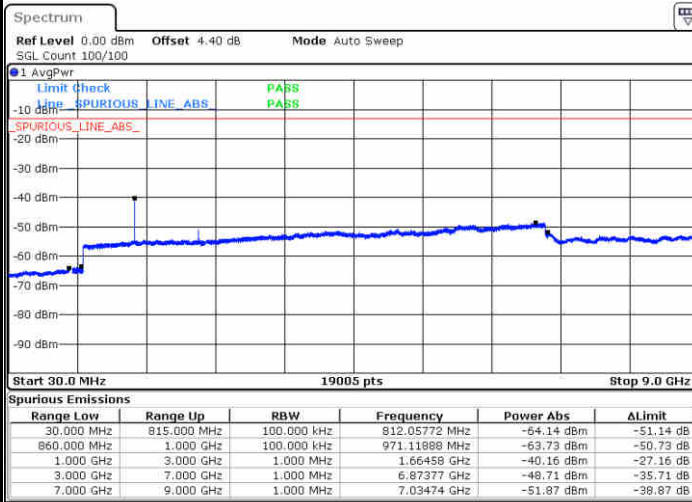


Date: 22 JUN 2017 20:37:35



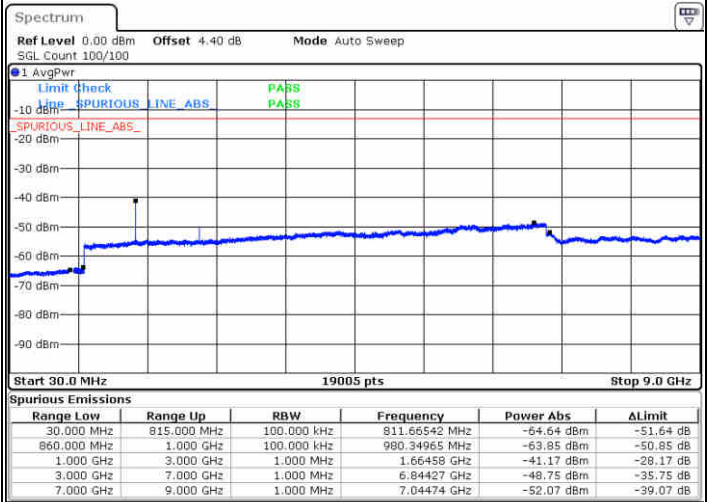
## LTE Band 26 / 10MHz

## Middle Channel / QPSK



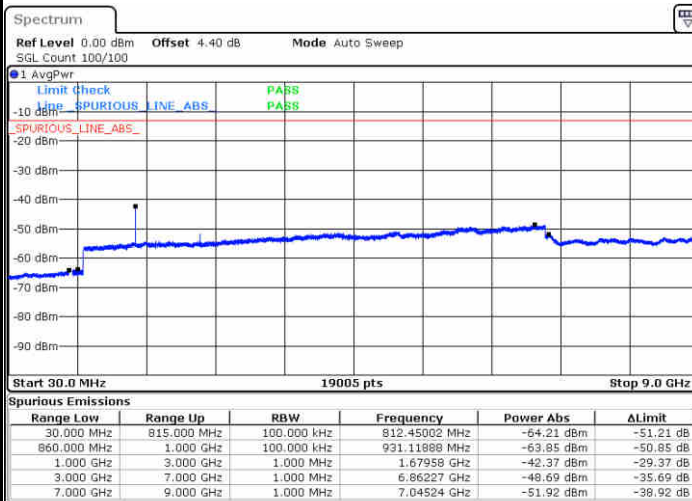
Date: 22 JUN 2017 20:39:22

## Middle Channel / 16QAM



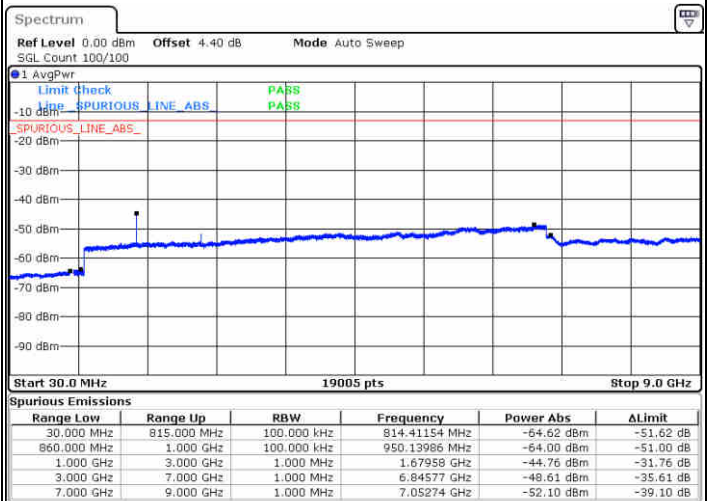
Date: 22 JUN 2017 20:39:48

## Highest Channel / QPSK



Date: 22 JUN 2017 20:41:49

## Highest Channel / 16QAM

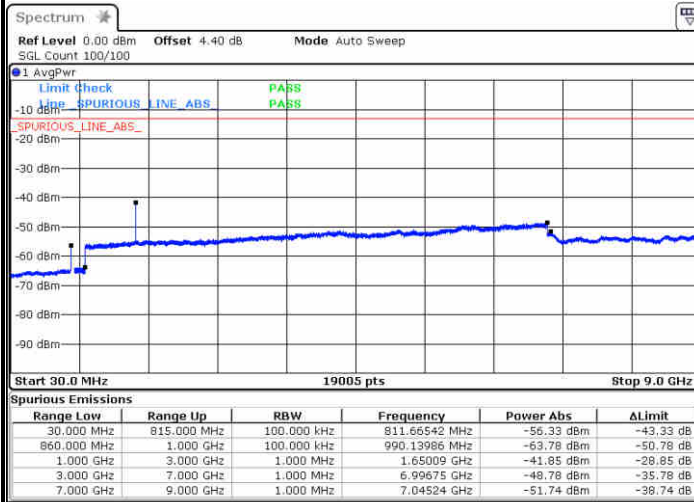


Date: 22 JUN 2017 20:41:14



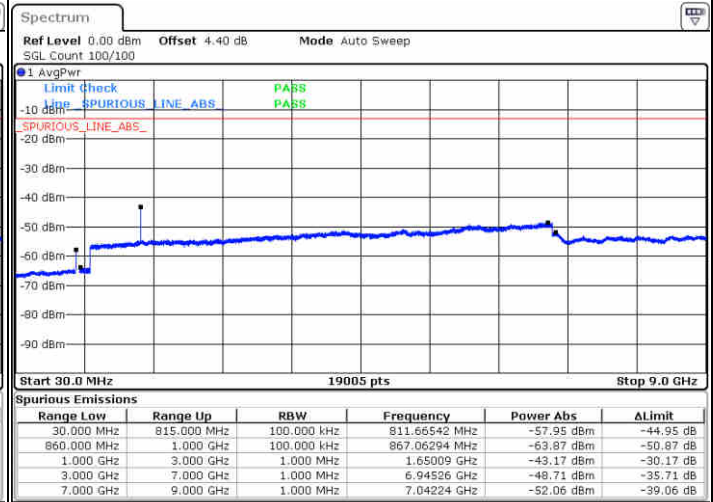
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



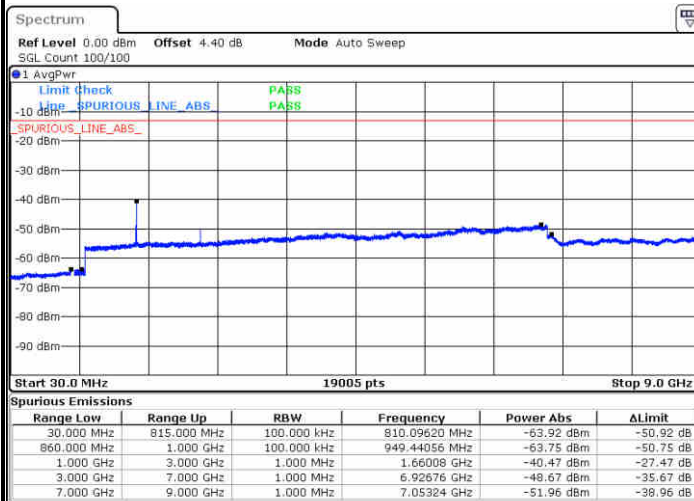
Date: 22 JUN 2017 20:58:20

## Lowest Channel / 16QAM



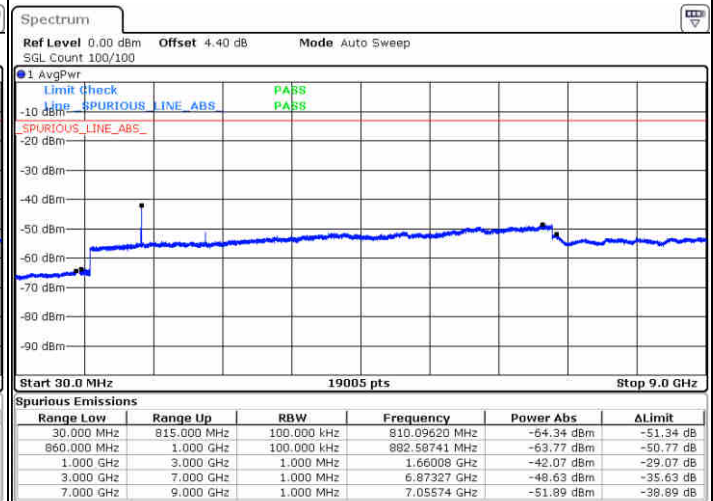
Date: 22 JUN 2017 20:59:33

## Middle Channel / QPSK



Date: 22 JUN 2017 21:00:02

## Middle Channel / 16QAM

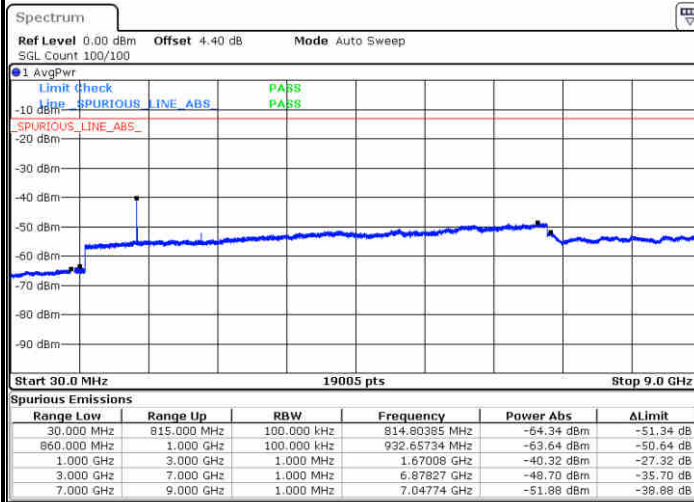


Date: 22 JUN 2017 21:00:31



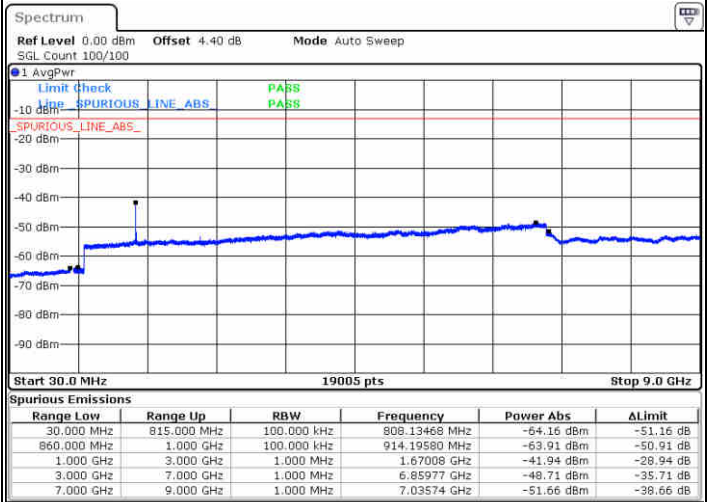
## LTE Band 26 / 15MHz

## Highest Channel / QPSK



Date: 22 JUN 2017 21:01:02

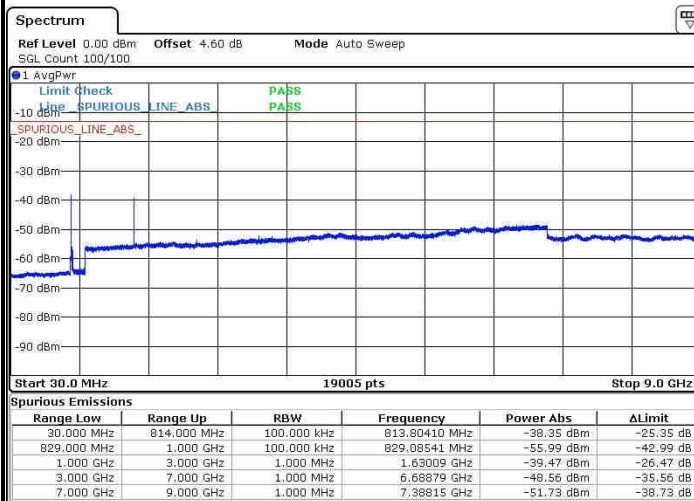
## Highest Channel / 16QAM



Date: 22 JUN 2017 21:01:32

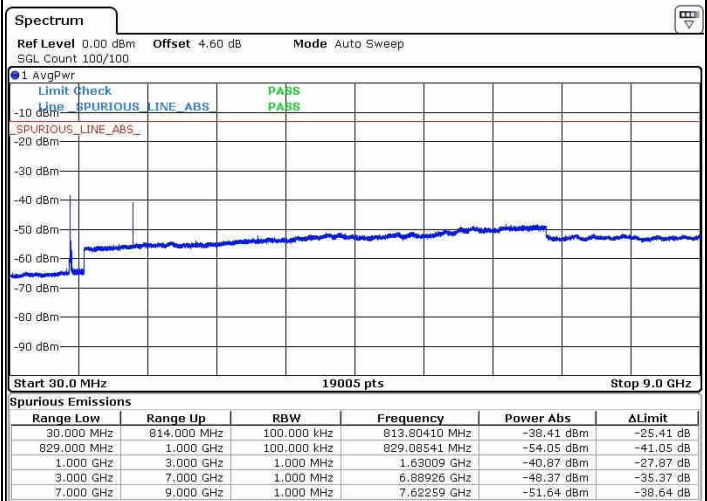
## LTE Band 26 / 15MHz

## CH26765 / QPSK



Date: 2 JUL 2017 06:51:41

## CH26765 / 16QAM

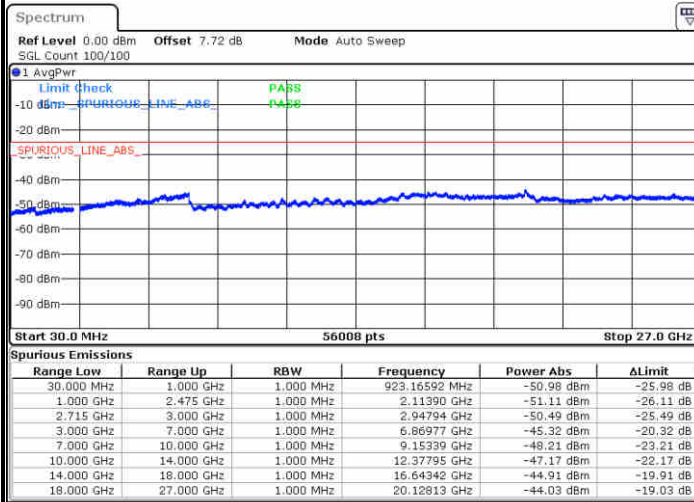


Date: 2 JUL 2017 06:51:11



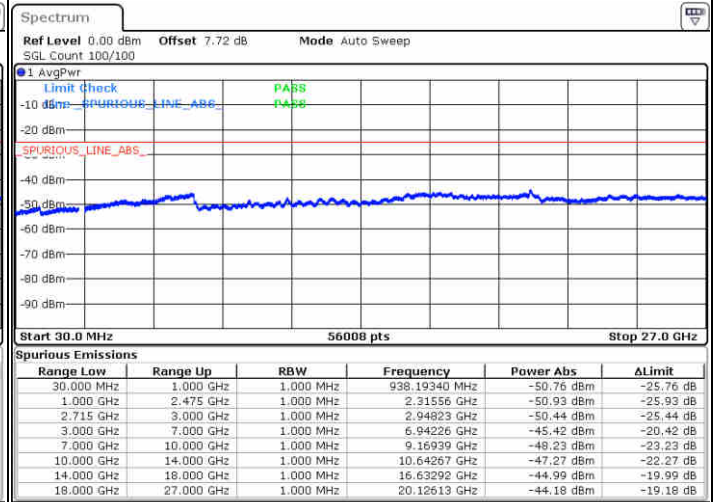
## LTE Band 41 / 5MHz

## Lowest Channel / QPSK



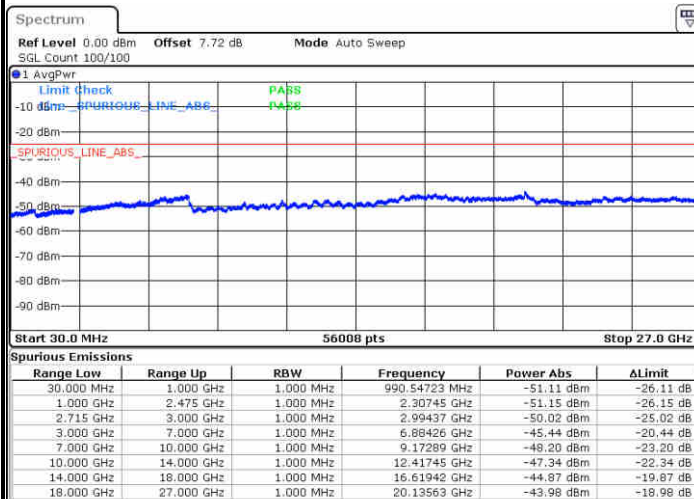
Date: 23 JUN 2017 16:29:35

## Lowest Channel / 16QAM



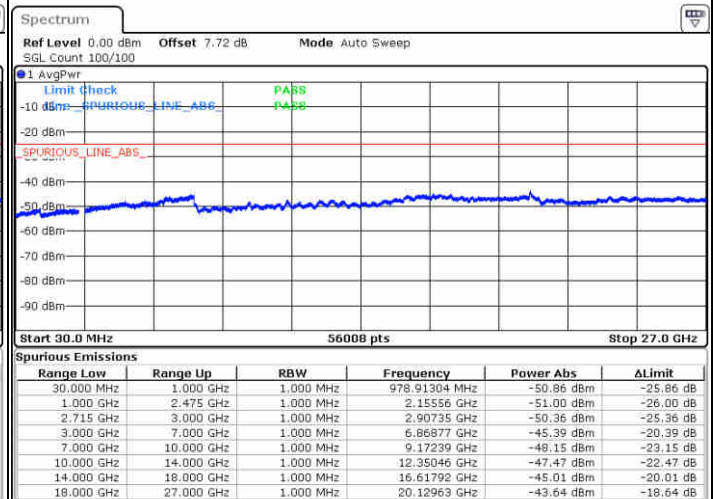
Date: 23 JUN 2017 16:28:45

## Middle Channel / QPSK



Date: 23 JUN 2017 16:30:24

## Middle Channel / 16QAM

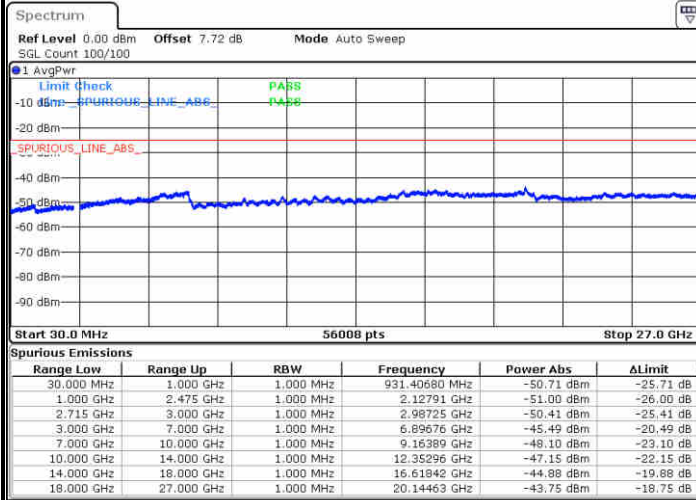


Date: 23 JUN 2017 16:31:13



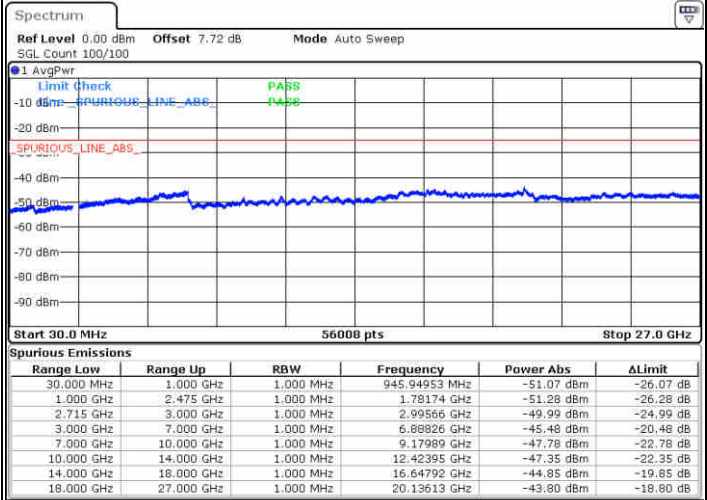
## LTE Band 41 / 5MHz

## Highest Channel / QPSK



Date: 23 JUN 2017 16:32:52

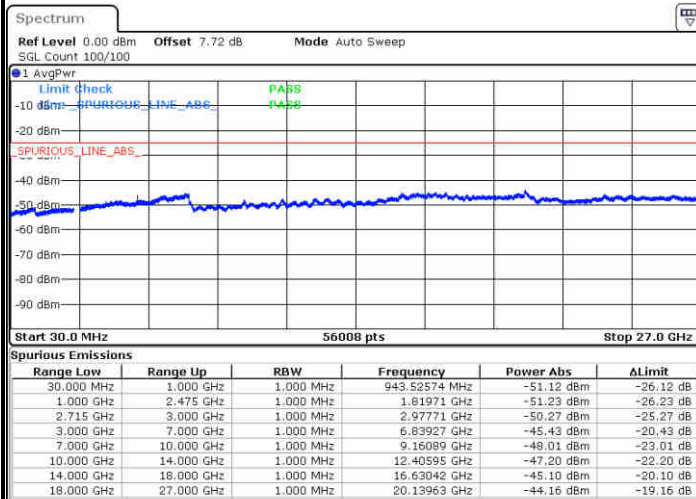
## Highest Channel / 16QAM



Date: 23 JUN 2017 16:32:01

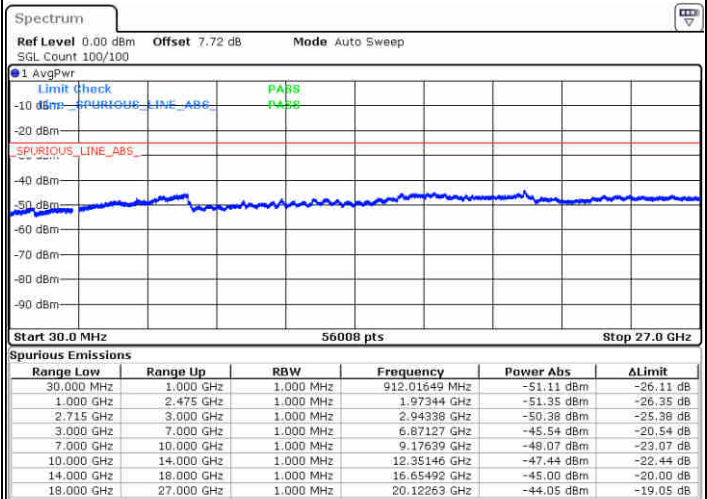
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



Date: 23 JUN 2017 16:33:42

## Lowest Channel / 16QAM

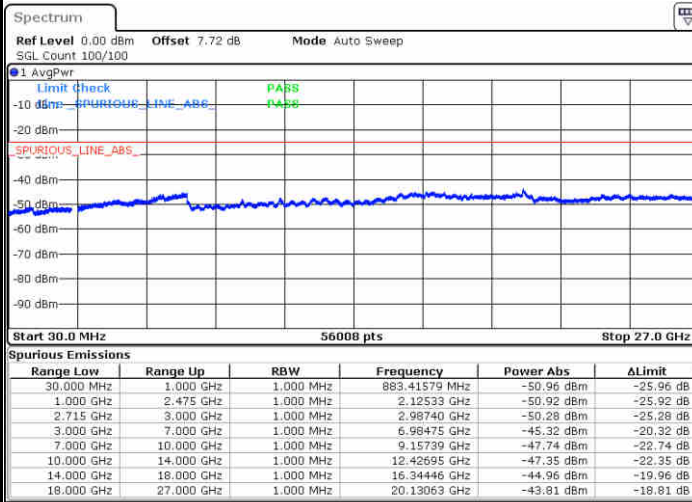


Date: 23 JUN 2017 16:34:31



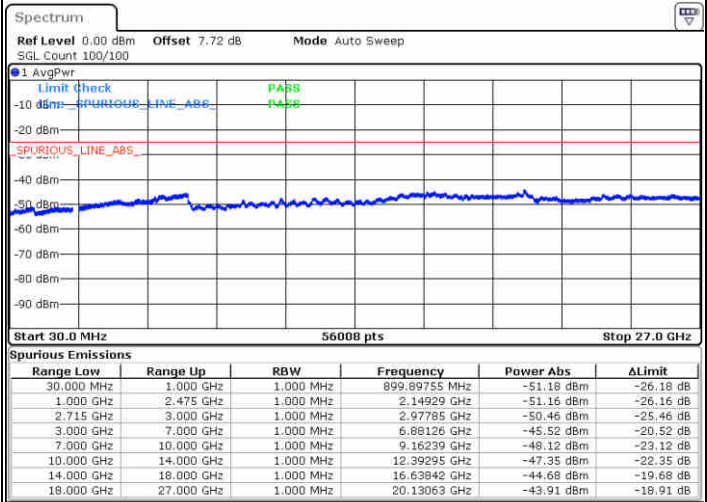
## LTE Band 41 / 10MHz

## Middle Channel / QPSK



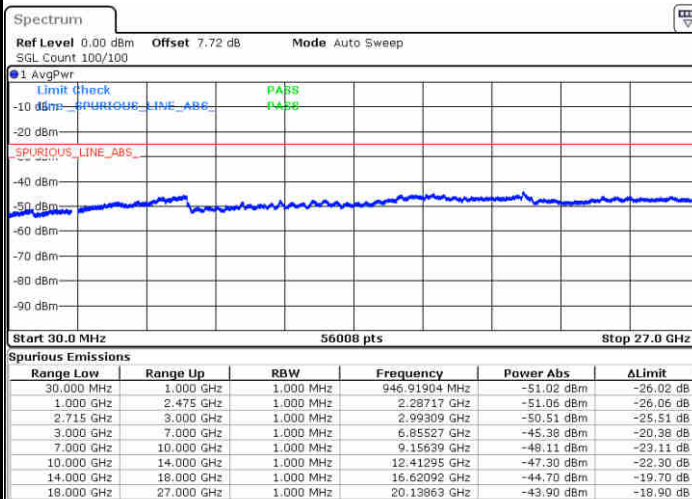
Date: 23 JUN 2017 16:37:49

## Middle Channel / 16QAM



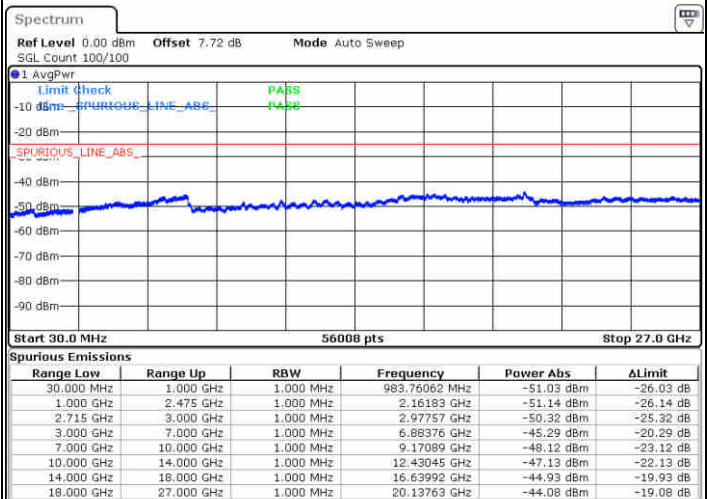
Date: 23 JUN 2017 16:35:21

## Highest Channel / QPSK



Date: 23 JUN 2017 16:37:00

## Highest Channel / 16QAM

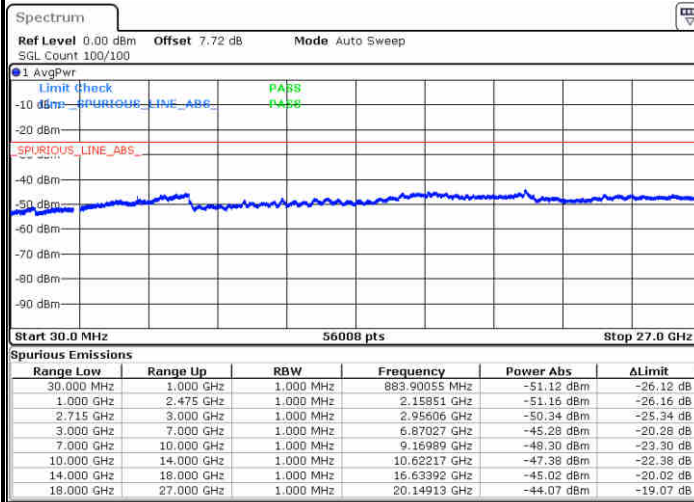


Date: 23 JUN 2017 16:36:12



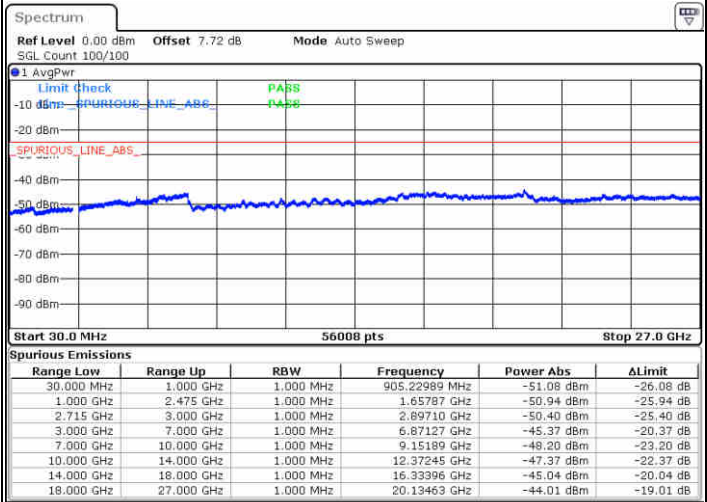
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



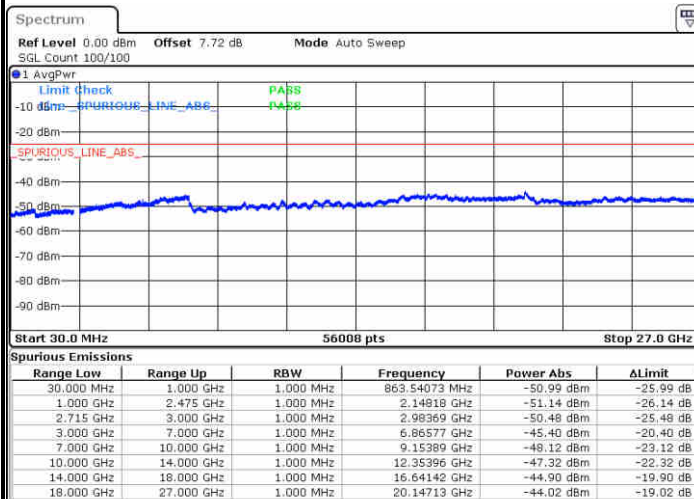
Date: 23 JUN 2017 16:38:40

## Lowest Channel / 16QAM



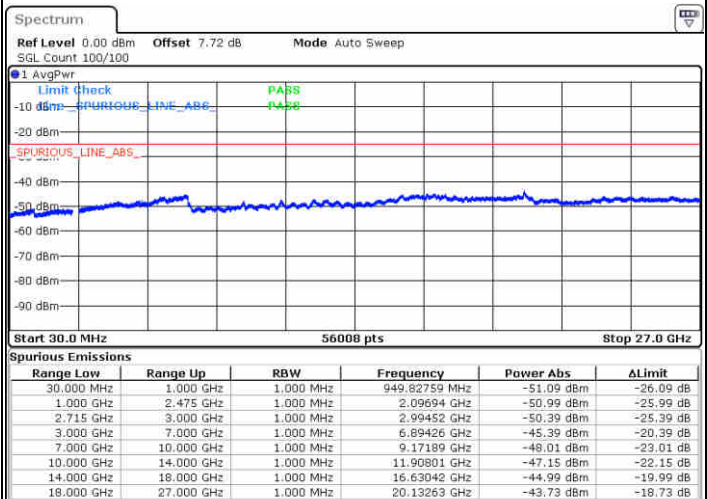
Date: 23 JUN 2017 16:39:30

## Middle Channel / QPSK



Date: 23 JUN 2017 16:41:08

## Middle Channel / 16QAM

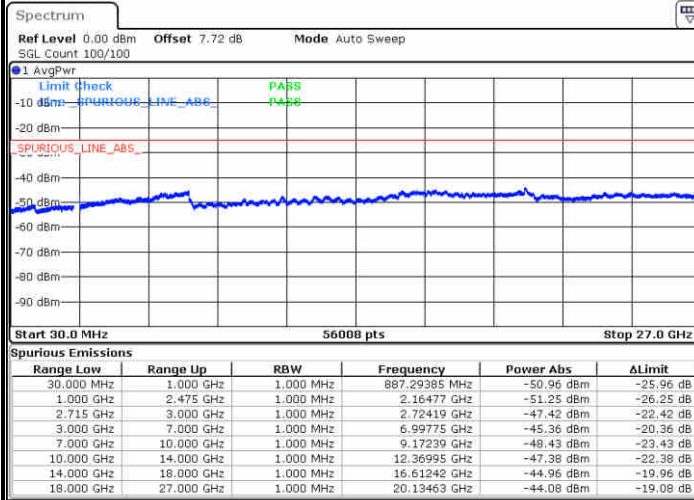


Date: 23 JUN 2017 16:40:19



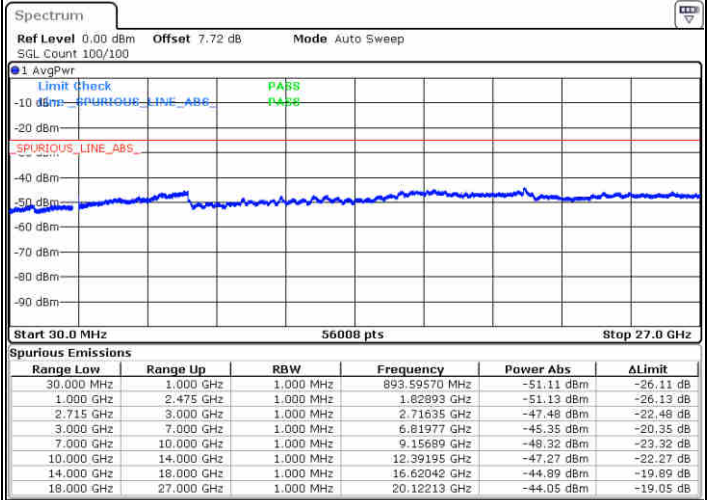
## LTE Band 41 / 15MHz

## Highest Channel / QPSK



Date: 23 JUN 2017 16:42:04

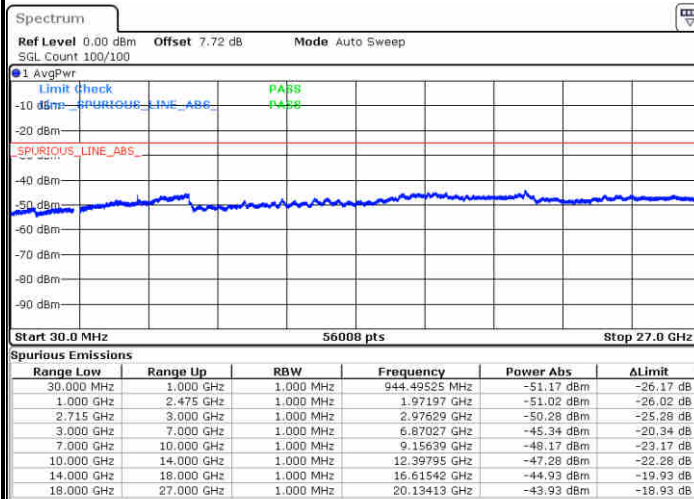
## Highest Channel / 16QAM



Date: 23 JUN 2017 16:42:55

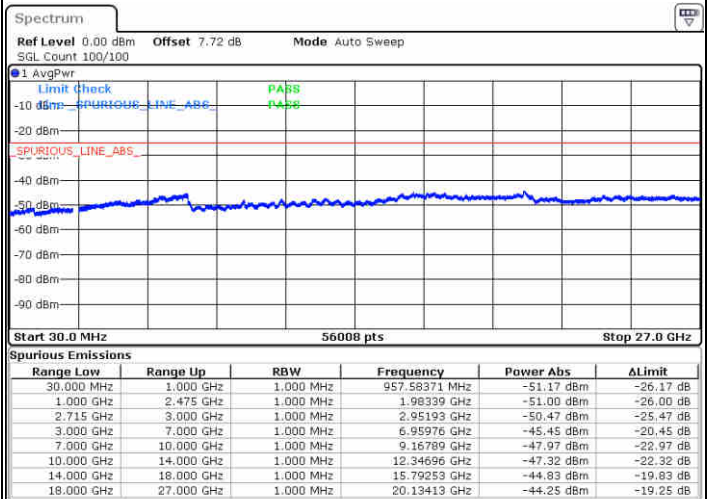
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



Date: 23 JUN 2017 16:44:43

## Lowest Channel / 16QAM

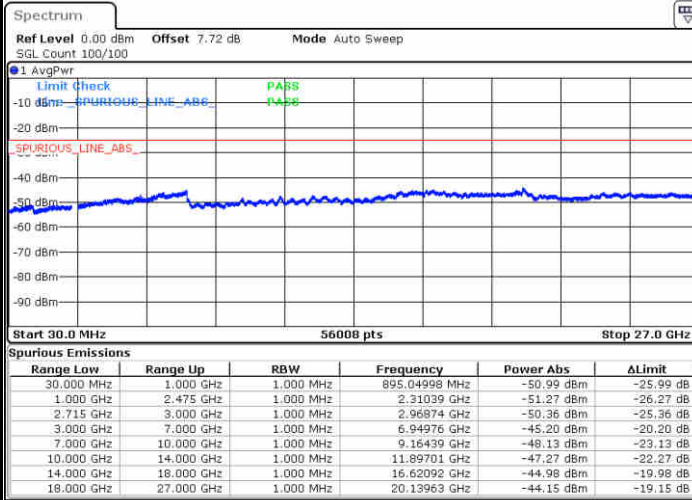


Date: 23 JUN 2017 16:43:49



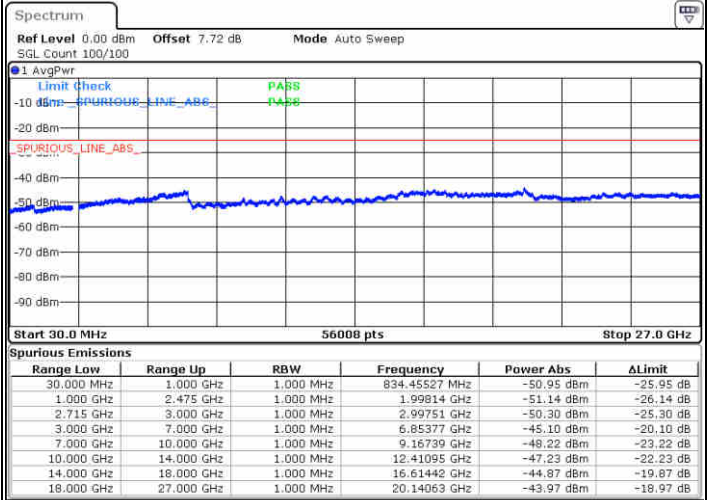
## LTE Band 41 / 20MHz

## Middle Channel / QPSK



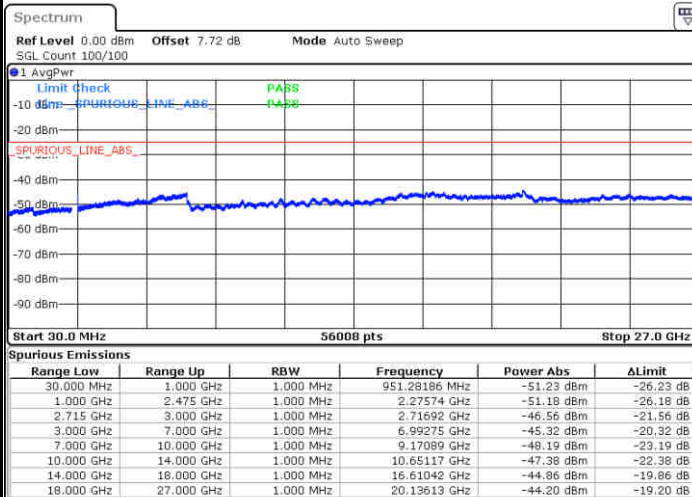
Date: 23 JUN 2017 16:45:33

## Middle Channel / 16QAM



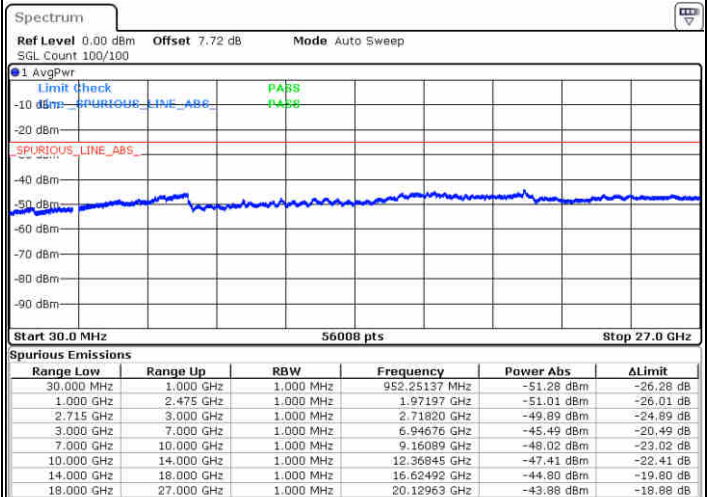
Date: 23 JUN 2017 16:46:24

## Highest Channel / QPSK



Date: 23 JUN 2017 16:48:03

## Highest Channel / 16QAM



Date: 23 JUN 2017 16:47:13

**Frequency Stability**

| Test Conditions  |                   | LTE Band 2 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0009                             | PASS    |
| 40               | Normal Voltage    | 0.0006                             |         |
| 30               | Normal Voltage    | 0.0001                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0010                             |         |
| 0                | Normal Voltage    | 0.0009                             |         |
| -10              | Normal Voltage    | 0.0001                             |         |
| -20              | Normal Voltage    | 0.0005                             |         |
| -30              | Normal Voltage    | 0.0006                             |         |
| 20               | Maximum Voltage   | 0.0003                             |         |
| 20               | Normal Voltage    | 0.0004                             |         |
| 20               | Battery End Point | 0.0012                             |         |

**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    | 0.0027                             | PASS    |
| 40                  | Normal Voltage    | 0.0021                             |         |
| 30                  | Normal Voltage    | 0.0005                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0032                             |         |
| 0                   | Normal Voltage    | 0.0001                             |         |
| -10                 | Normal Voltage    | 0.0022                             |         |
| -20                 | Normal Voltage    | 0.0038                             |         |
| -30                 | Normal Voltage    | 0.0007                             |         |
| 20                  | Maximum Voltage   | 0.0006                             |         |
| 20                  | Normal Voltage    | 0.0019                             |         |
| 20                  | Battery End Point | 0.0025                             |         |

**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    | 0.0041                             | PASS   |
| 40                  | Normal Voltage    | 0.0027                             |        |
| 30                  | Normal Voltage    | 0.0020                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0007                             |        |
| 0                   | Normal Voltage    | 0.0016                             |        |
| -10                 | Normal Voltage    | 0.0033                             |        |
| -20                 | Normal Voltage    | 0.0005                             |        |
| -30                 | Normal Voltage    | 0.0030                             |        |
| 20                  | Maximum Voltage   | 0.0002                             |        |
| 20                  | Normal Voltage    | 0.0004                             |        |
| 20                  | Battery End Point | 0.0044                             |        |

**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    | 0.0028                              | PASS    |
| 40                  | Normal Voltage    | 0.0040                              |         |
| 30                  | Normal Voltage    | 0.0013                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0008                              |         |
| 0                   | Normal Voltage    | 0.0044                              |         |
| -10                 | Normal Voltage    | 0.0031                              |         |
| -20                 | Normal Voltage    | 0.0001                              |         |
| -30                 | Normal Voltage    | 0.0004                              |         |
| 20                  | Maximum Voltage   | 0.0010                              |         |
| 20                  | Normal Voltage    | 0.0037                              |         |
| 20                  | Battery End Point | 0.0011                              |         |

**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 13 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0058                              | PASS    |
| 40                  | Normal Voltage    | 0.0051                              |         |
| 30                  | Normal Voltage    | 0.0017                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0041                              |         |
| 0                   | Normal Voltage    | 0.0006                              |         |
| -10                 | Normal Voltage    | 0.0009                              |         |
| -20                 | Normal Voltage    | 0.0052                              |         |
| -30                 | Normal Voltage    | 0.0047                              |         |
| 20                  | Maximum Voltage   | 0.0013                              |         |
| 20                  | Normal Voltage    | 0.0004                              |         |
| 20                  | Battery End Point | 0.0036                              |         |

**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 25 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0008                              | PASS    |
| 40                  | Normal Voltage    | 0.0023                              |         |
| 30                  | Normal Voltage    | 0.0003                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0001                              |         |
| 0                   | Normal Voltage    | 0.0024                              |         |
| -10                 | Normal Voltage    | 0.0026                              |         |
| -20                 | Normal Voltage    | 0.0005                              |         |
| -30                 | Normal Voltage    | 0.0009                              |         |
| 20                  | Maximum Voltage   | 0.0033                              |         |
| 20                  | Normal Voltage    | 0.0003                              |         |
| 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 26 (QPSK) / Middle Channel | Limit  |
|---------------------|-------------------|-------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | 2.5ppm |
|                     |                   | Deviation<br>(ppm)                  | Result |
| 50                  | Normal Voltage    | 0.0098                              | PASS   |
| 40                  | Normal Voltage    | 0.0087                              |        |
| 30                  | Normal Voltage    | 0.0018                              |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |        |
| 10                  | Normal Voltage    | 0.0080                              |        |
| 0                   | Normal Voltage    | 0.0012                              |        |
| -10                 | Normal Voltage    | 0.0029                              |        |
| -20                 | Normal Voltage    | 0.0096                              |        |
| -30                 | Normal Voltage    | 0.0077                              |        |
| 20                  | Maximum Voltage   | 0.0017                              |        |
| 20                  | Normal Voltage    | 0.0007                              |        |
| 20                  | Battery End Point | 0.0080                              |        |

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

| Test Conditions  |                   | LTE Band 41 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0013                              | PASS    |
| 40               | Normal Voltage    | 0.0007                              |         |
| 30               | Normal Voltage    | 0.0004                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0011                              |         |
| 0                | Normal Voltage    | 0.0005                              |         |
| -10              | Normal Voltage    | 0.0007                              |         |
| -20              | Normal Voltage    | 0.0009                              |         |
| -30              | Normal Voltage    | 0.0003                              |         |
| 20               | Maximum Voltage   | 0.0014                              |         |
| 20               | Normal Voltage    | 0.0010                              |         |
| 20               | Battery End Point | 0.0003                              |         |

**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 4 / 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                                          | 3465              | -64.40       | -13           | -51.40            | -71.19            | -69.29             | 1.81                 | 6.70                  | H                  |
|                                                 | 5196              | -59.30       | -13           | -46.30            | -71.98            | -66.20             | 2.23                 | 9.13                  | H                  |
|                                                 | 6927              | -58.80       | -13           | -45.80            | -73.98            | -66.86             | 2.60                 | 10.66                 | H                  |
|                                                 | 3465              | -65.24       | -13           | -52.24            | -70.44            | -70.13             | 1.81                 | 6.70                  | V                  |
|                                                 | 5196              | -59.06       | -13           | -46.06            | -72.61            | -65.96             | 2.23                 | 9.13                  | V                  |
|                                                 | 6927              | -58.83       | -13           | -45.83            | -73.88            | -66.89             | 2.6                  | 10.66                 | V                  |

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

| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 3462              | -63.24       | -13           | -50.24            | -70.03            | -68.13             | 1.81                 | 6.70                  | H                  |
|                                               | 5194              | -59.75       | -13           | -46.75            | -72.43            | -66.65             | 2.23                 | 9.13                  | H                  |
|                                               | 6924              | -59.14       | -13           | -46.14            | -74.32            | -67.20             | 2.60                 | 10.66                 | H                  |
|                                               | 3462              | -65.42       | -13           | -52.42            | -70.62            | -70.31             | 1.81                 | 6.70                  | V                  |
|                                               | 5194              | -58.83       | -13           | -45.83            | -72.38            | -65.73             | 2.23                 | 9.13                  | V                  |
|                                               | 6924              | -57.88       | -13           | -44.88            | -72.93            | -65.94             | 2.6                  | 10.66                 | V                  |

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

| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 3462              | -63.92       | -13           | -50.92            | -70.71            | -68.81             | 1.81                 | 6.70                  | H                  |
|                                               | 5191              | -59.67       | -13           | -46.67            | -72.35            | -66.57             | 2.23                 | 9.13                  | H                  |
|                                               | 6921              | -58.45       | -13           | -45.45            | -73.63            | -66.51             | 2.60                 | 10.66                 | H                  |
|                                               | 3462              | -65.99       | -13           | -52.99            | -71.19            | -70.88             | 1.81                 | 6.70                  | V                  |
|                                               | 5191              | -58.03       | -13           | -45.03            | -71.58            | -64.93             | 2.23                 | 9.13                  | V                  |
|                                               | 6921              | -58.46       | -13           | -45.46            | -73.51            | -66.52             | 2.6                  | 10.66                 | V                  |

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



| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3456              | -62.44       | -13           | -49.44            | -69.23            | -67.33             | 1.81                 | 6.70                  | H                  |
|                                                | 5184              | -59.68       | -13           | -46.68            | -72.36            | -66.58             | 2.23                 | 9.13                  | H                  |
|                                                | 6912              | -59.29       | -13           | -46.29            | -74.47            | -67.35             | 2.60                 | 10.66                 | H                  |
|                                                | 3456              | -65.41       | -13           | -52.41            | -70.61            | -70.30             | 1.81                 | 6.70                  | V                  |
|                                                | 5184              | -58.30       | -13           | -45.30            | -71.85            | -65.20             | 2.23                 | 9.13                  | V                  |
|                                                | 6912              | -58.47       | -13           | -45.47            | -73.52            | -66.53             | 2.6                  | 10.66                 | V                  |

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

| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( 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                                         | 3453              | -64.01       | -13           | -51.01            | -70.80            | -68.90             | 1.81                 | 6.70                  | H                  |
|                                                | 5177              | -59.53       | -13           | -46.53            | -72.21            | -66.43             | 2.23                 | 9.13                  | H                  |
|                                                | 6903              | -59.00       | -13           | -46.00            | -74.18            | -67.06             | 2.60                 | 10.66                 | H                  |
|                                                | 3453              | -66.12       | -13           | -53.12            | -71.32            | -71.01             | 1.81                 | 6.70                  | V                  |
|                                                | 5177              | -59.06       | -13           | -46.06            | -72.61            | -65.96             | 2.23                 | 9.13                  | V                  |
|                                                | 6903              | -59.22       | -13           | -46.22            | -74.27            | -67.28             | 2.6                  | 10.66                 | V                  |

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

| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3447              | -62.84       | -13           | -49.84            | -69.63            | -67.73             | 1.81                 | 6.70                  | H                  |
|                                                | 5171              | -59.48       | -13           | -46.48            | -72.16            | -66.38             | 2.23                 | 9.13                  | H                  |
|                                                | 6894              | -58.06       | -13           | -45.06            | -73.24            | -66.12             | 2.60                 | 10.66                 | H                  |
|                                                | 3447              | -65.71       | -13           | -52.71            | -70.91            | -70.60             | 1.81                 | 6.70                  | V                  |
|                                                | 5171              | -58.69       | -13           | -45.69            | -72.24            | -65.59             | 2.23                 | 9.13                  | V                  |
|                                                | 6894              | -59.11       | -13           | -46.11            | -74.16            | -67.17             | 2.6                  | 10.66                 | V                  |

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



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                          | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                           | 1414                 | -68.41         | -13              | -55.41                  | -64.25                  | -69.31                   | 1.14                       | 4.19                        | H                     |
|                                                  | 2120                 | -61.49         | -13              | -48.49                  | -60.95                  | -62.95                   | 1.4                        | 5.01                        | H                     |
|                                                  | 2828                 | -67.31         | -13              | -54.31                  | -67.95                  | -69.84                   | 1.63                       | 6.31                        | H                     |
|                                                  | 1414                 | -70.38         | -13              | -57.38                  | -65.25                  | -71.28                   | 1.14                       | 4.19                        | V                     |
|                                                  | 2120                 | -61.97         | -13              | -48.97                  | -60.09                  | -63.43                   | 1.4                        | 5.01                        | V                     |
|                                                  | 2828                 | -65.65         | -13              | -52.65                  | -67.77                  | -68.18                   | 1.63                       | 6.31                        | V                     |

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

| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1412                 | -68.81         | -13              | -55.81                  | -64.65                  | -69.71                   | 1.14                       | 4.19                        | H                     |
|                                                | 2118                 | -62.40         | -13              | -49.40                  | -61.86                  | -63.86                   | 1.4                        | 5.01                        | H                     |
|                                                | 2824                 | -66.59         | -13              | -53.59                  | -67.23                  | -69.12                   | 1.63                       | 6.31                        | H                     |
|                                                | 1412                 | -68.95         | -13              | -55.95                  | -63.82                  | -69.85                   | 1.14                       | 4.19                        | V                     |
|                                                | 2118                 | -60.88         | -13              | -47.88                  | -59                     | -62.34                   | 1.4                        | 5.01                        | V                     |
|                                                | 2824                 | -65.70         | -13              | -52.70                  | -67.82                  | -68.23                   | 1.63                       | 6.31                        | V                     |

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



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1410                 | -68.53         | -13              | -55.53                  | -64.37                  | -69.43                   | 1.14                       | 4.19                        | H                     |
|                                                | 2116                 | -63.32         | -13              | -50.32                  | -62.78                  | -64.78                   | 1.4                        | 5.01                        | H                     |
|                                                | 2822                 | -66.51         | -13              | -53.51                  | -67.15                  | -69.04                   | 1.63                       | 6.31                        | H                     |
|                                                | 1410                 | -69.60         | -13              | -56.60                  | -64.47                  | -70.50                   | 1.14                       | 4.19                        | V                     |
|                                                | 2116                 | -61.41         | -13              | -48.41                  | -59.53                  | -62.87                   | 1.4                        | 5.01                        | V                     |
|                                                | 2822                 | -65.37         | -13              | -52.37                  | -67.49                  | -67.90                   | 1.63                       | 6.31                        | V                     |

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

| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 1406                 | -68.60         | -13              | -55.60                  | -64.44                  | -69.50                   | 1.14                       | 4.19                        | H                     |
|                                                 | 2108                 | -66.62         | -13              | -53.62                  | -66.08                  | -68.08                   | 1.4                        | 5.01                        | H                     |
|                                                 | 2812                 | -67.22         | -13              | -54.22                  | -67.86                  | -69.75                   | 1.63                       | 6.31                        | H                     |
|                                                 | 1406                 | -69.25         | -13              | -56.25                  | -64.12                  | -70.15                   | 1.14                       | 4.19                        | V                     |
|                                                 | 2108                 | -67.08         | -13              | -54.08                  | -65.2                   | -68.54                   | 1.4                        | 5.01                        | V                     |
|                                                 | 2812                 | -66.10         | -13              | -53.10                  | -68.22                  | -68.63                   | 1.63                       | 6.31                        | V                     |

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



| LTE Band 13 / 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                                         | 1560                 | -64.63         | -40              | -24.63                  | -60.47                  | -67.68                   | 1.14                       | 4.19                        | H                     |
|                                                | 2338                 | -62.16         | -13              | -49.16                  | -61.62                  | -63.62                   | 1.4                        | 5.01                        | H                     |
|                                                | 3120                 | -70.17         | -13              | -57.17                  | -70.81                  | -72.70                   | 1.63                       | 6.31                        | H                     |
|                                                | 1560                 | -66.31         | -40              | -26.31                  | -61.18                  | -69.36                   | 1.14                       | 4.19                        | V                     |
|                                                | 2338                 | -65.50         | -13              | -52.50                  | -63.62                  | -66.96                   | 1.4                        | 5.01                        | V                     |
|                                                | 3120                 | -68.46         | -13              | -55.46                  | -70.58                  | -70.99                   | 1.63                       | 6.31                        | V                     |

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

| LTE Band 13 / 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                                          | 1554                 | -64.50         | -13              | -51.50                  | -60.34                  | -65.40                   | 1.14                       | 4.19                        | H                     |
|                                                 | 2332                 | -60.87         | -13              | -47.87                  | -60.33                  | -62.33                   | 1.4                        | 5.01                        | H                     |
|                                                 | 3111                 | -69.69         | -13              | -56.69                  | -70.33                  | -72.22                   | 1.63                       | 6.31                        | H                     |
|                                                 | 1554                 | -66.45         | -13              | -53.45                  | -61.32                  | -67.35                   | 1.14                       | 4.19                        | V                     |
|                                                 | 2332                 | -63.11         | -13              | -50.11                  | -61.23                  | -64.57                   | 1.4                        | 5.01                        | V                     |
|                                                 | 3111                 | -67.98         | -13              | -54.98                  | -70.1                   | -70.51                   | 1.63                       | 6.31                        | V                     |

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



| LTE Band 25 / 1.4MHz / QPSK/ RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                         | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                          | 3759              | -56.84       | -13           | -43.84            | -60.35            | -61.83             | 1.88                 | 6.87                  | H                  |
|                                                 | 5637              | -62.25       | -13           | -49.25            | -70.44            | -69.55             | 2.38                 | 9.68                  | H                  |
|                                                 | 7518              | -62.15       | -13           | -49.15            | -74.18            | -71.22             | 2.74                 | 11.81                 | H                  |
|                                                 | 3759              | -60.39       | -13           | -47.39            | -64.18            | -65.38             | 1.88                 | 6.87                  | V                  |
|                                                 | 5637              | -64.12       | -13           | -51.12            | -72.69            | -71.42             | 2.38                 | 9.68                  | V                  |
|                                                 | 7518              | -64.41       | -13           | -51.41            | -75.12            | -73.48             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 25 / 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              | -57.48       | -13           | -44.48            | -60.99            | -62.47             | 1.88                 | 6.87                  | H                  |
|                                               | 5637              | -63.73       | -13           | -50.73            | -71.92            | -71.03             | 2.38                 | 9.68                  | H                  |
|                                               | 7515              | -62.36       | -13           | -49.36            | -74.39            | -71.43             | 2.74                 | 11.81                 | H                  |
|                                               | 3756              | -58.07       | -13           | -45.07            | -61.86            | -63.06             | 1.88                 | 6.87                  | V                  |
|                                               | 5637              | -60.97       | -13           | -47.97            | -69.54            | -68.27             | 2.38                 | 9.68                  | V                  |
|                                               | 7515              | -64.95       | -13           | -51.95            | -75.66            | -74.02             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 25 / 5MHz / QPSK/ RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 3756              | -58.06       | -13           | -45.06            | -61.57            | -63.05             | 1.88                 | 6.87                  | H                  |
|                                               | 5634              | -63.54       | -13           | -50.54            | -71.73            | -70.84             | 2.38                 | 9.68                  | H                  |
|                                               | 7512              | -61.66       | -13           | -48.66            | -73.69            | -70.73             | 2.74                 | 11.81                 | H                  |
|                                               | 3756              | -57.47       | -13           | -44.47            | -61.26            | -62.46             | 1.88                 | 6.87                  | V                  |
|                                               | 5634              | -64.11       | -13           | -51.11            | -72.68            | -71.41             | 2.38                 | 9.68                  | V                  |
|                                               | 7512              | -63.41       | -13           | -50.41            | -74.12            | -72.48             | 2.74                 | 11.81                 | V                  |

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



| LTE Band 25 / 10MHz / QPSK/ RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3750              | -56.51       | -13           | -43.51            | -60.02            | -61.50             | 1.88                 | 6.87                  | H                  |
|                                                | 5628              | -64.63       | -13           | -51.63            | -72.82            | -71.93             | 2.38                 | 9.68                  | H                  |
|                                                | 7503              | -62.47       | -13           | -49.47            | -74.50            | -71.54             | 2.74                 | 11.81                 | H                  |
|                                                | 3750              | -56.88       | -13           | -43.88            | -60.67            | -61.87             | 1.88                 | 6.87                  | V                  |
|                                                | 5628              | -63.70       | -13           | -50.70            | -72.27            | -71.00             | 2.38                 | 9.68                  | V                  |
|                                                | 7503              | -63.60       | -13           | -50.60            | -74.31            | -72.67             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 25 / 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                                         | 3747              | -56.85       | -13           | -43.85            | -60.36            | -61.84             | 1.88                 | 6.87                  | H                  |
|                                                | 5619              | -62.64       | -13           | -49.64            | -70.83            | -69.94             | 2.38                 | 9.68                  | H                  |
|                                                | 7494              | -63.33       | -13           | -50.33            | -75.36            | -72.40             | 2.74                 | 11.81                 | H                  |
|                                                | 3747              | -57.44       | -13           | -44.44            | -61.23            | -62.43             | 1.88                 | 6.87                  | V                  |
|                                                | 5619              | -62.91       | -13           | -49.91            | -71.48            | -70.21             | 2.38                 | 9.68                  | V                  |
|                                                | 7494              | -64.60       | -13           | -51.60            | -75.31            | -73.67             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 25 / 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                                         | 3741              | -57.37       | -13           | -44.37            | -60.88            | -62.36             | 1.88                 | 6.87                  | H                  |
|                                                | 5613              | -64.01       | -13           | -51.01            | -72.20            | -71.31             | 2.38                 | 9.68                  | H                  |
|                                                | 7485              | -62.54       | -13           | -49.54            | -74.57            | -71.61             | 2.74                 | 11.81                 | H                  |
|                                                | 3741              | -57.09       | -13           | -44.09            | -60.88            | -62.08             | 1.88                 | 6.87                  | V                  |
|                                                | 5613              | -62.67       | -13           | -49.67            | -71.24            | -69.97             | 2.38                 | 9.68                  | V                  |
|                                                | 7485              | -64.15       | -13           | -51.15            | -74.86            | -73.22             | 2.74                 | 11.81                 | V                  |

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



| LTE Band 26 / 1.4MHz / QPSK/ RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                         | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                          | 1672              | -65.34      | -13           | -52.34            | -63.97            | -67.20             | 1.19                 | 5.20                  | H                  |
|                                                 | 2508              | -56.96      | -13           | -43.96            | -59.95            | -59.18             | 1.53                 | 5.90                  | H                  |
|                                                 | 3345              | -67.50      | -13           | -54.50            | -71.45            | -70.29             | 1.76                 | 6.70                  | H                  |
|                                                 | 1672              | -67.00      | -13           | -54.00            | -64.96            | -68.86             | 1.19                 | 5.20                  | V                  |
|                                                 | 2508              | -60.76      | -13           | -47.76            | -62.74            | -62.98             | 1.53                 | 5.90                  | V                  |
|                                                 | 3345              | -68.78      | -13           | -55.78            | -72.1             | -71.57             | 1.76                 | 6.70                  | V                  |

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

| LTE Band 26 / 3MHz / QPSK/ RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 1670              | -65.08      | -13           | -52.08            | -63.71            | -66.94             | 1.19                 | 5.20                  | H                  |
|                                               | 2506              | -57.04      | -13           | -44.04            | -60.03            | -59.26             | 1.53                 | 5.90                  | H                  |
|                                               | 3342              | -68.29      | -13           | -55.29            | -72.24            | -71.08             | 1.76                 | 6.70                  | H                  |
|                                               | 1670              | -67.03      | -13           | -54.03            | -64.99            | -68.89             | 1.19                 | 5.20                  | V                  |
|                                               | 2506              | -62.51      | -13           | -49.51            | -64.49            | -64.73             | 1.53                 | 5.90                  | V                  |
|                                               | 3342              | -69.19      | -13           | -56.19            | -72.51            | -71.98             | 1.76                 | 6.70                  | V                  |

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

| LTE Band 26 / 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                                        | 1668              | -65.56      | -13           | -52.56            | -64.19            | -67.42             | 1.19                 | 5.20                  | H                  |
|                                               | 2502              | -56.41      | -13           | -43.41            | -59.40            | -58.63             | 1.53                 | 5.90                  | H                  |
|                                               | 3336              | -67.41      | -13           | -54.41            | -71.36            | -70.20             | 1.76                 | 6.70                  | H                  |
|                                               | 1668              | -65.97      | -13           | -52.97            | -63.93            | -67.83             | 1.19                 | 5.20                  | V                  |
|                                               | 2502              | -62.69      | -13           | -49.69            | -64.67            | -64.91             | 1.53                 | 5.90                  | V                  |
|                                               | 3336              | -67.42      | -13           | -54.42            | -70.74            | -70.21             | 1.76                 | 6.70                  | V                  |

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



| LTE Band 26 / 10MHz / QPSK/ RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 1664                 | -65.35         | -13              | -52.35                  | -63.98                  | -67.21                   | 1.19                       | 5.20                        | H                     |
|                                                | 2496                 | -61.99         | -13              | -48.99                  | -64.98                  | -64.21                   | 1.53                       | 5.90                        | H                     |
|                                                | 3327                 | -67.34         | -13              | -54.34                  | -71.29                  | -70.13                   | 1.76                       | 6.70                        | H                     |
|                                                | 1664                 | -66.53         | -13              | -53.53                  | -64.49                  | -68.39                   | 1.19                       | 5.20                        | V                     |
|                                                | 2496                 | -65.12         | -13              | -52.12                  | -67.1                   | -67.34                   | 1.53                       | 5.90                        | V                     |
|                                                | 3327                 | -67.61         | -13              | -54.61                  | -70.93                  | -70.40                   | 1.76                       | 6.70                        | V                     |

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

| LTE Band 26 / 15MHz / 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                                         | 1660                 | -66.68         | -13              | -53.68                  | -65.31                  | -68.54                   | 1.19                       | 5.20                        | H                     |
|                                                | 2490                 | -65.25         | -13              | -52.25                  | -68.24                  | -67.47                   | 1.53                       | 5.90                        | H                     |
|                                                | 3318                 | -68.13         | -13              | -55.13                  | -72.08                  | -70.92                   | 1.76                       | 6.70                        | H                     |
|                                                | 1660                 | -68.27         | -13              | -55.27                  | -66.23                  | -70.13                   | 1.19                       | 5.20                        | V                     |
|                                                | 2490                 | -65.74         | -13              | -52.74                  | -67.72                  | -67.96                   | 1.53                       | 5.90                        | V                     |
|                                                | 3318                 | -67.64         | -13              | -54.64                  | -70.96                  | -70.43                   | 1.76                       | 6.70                        | V                     |

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



| LTE Band 41 / 5MHz / QPSK/ RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 5180              | -52.84       | -25           | -27.84            | -38.14            | -59.55             | 2.40                 | 9.12                  | H                  |
|                                               | 7772              | -46.22       | -25           | -21.22            | -38.64            | -55.85             | 2.87                 | 12.50                 | H                  |
|                                               | 10359             | -40.14       | -25           | -15.14            | -36.82            | -49.06             | 3.18                 | 12.10                 | H                  |
|                                               | 12951             | -45.69       | -25           | -20.69            | -44.40            | -54.73             | 3.79                 | 12.83                 | H                  |
|                                               | 15543             | -56.73       | -25           | -31.73            | -54.93            | -65.16             | 4.34                 | 12.77                 | H                  |
|                                               | 5180              | -62.78       | -25           | -37.78            | -42.8             | -69.49             | 2.40                 | 9.12                  | V                  |
|                                               | 7772              | -59.41       | -25           | -34.41            | -49.41            | -69.03             | 2.87                 | 12.50                 | V                  |
|                                               | 10359             | -38.81       | -25           | -13.81            | -36.7             | -47.73             | 3.18                 | 12.10                 | V                  |
|                                               | 12951             | -48.84       | -25           | -23.84            | -45.97            | -57.88             | 3.79                 | 12.83                 | V                  |
|                                               | 15543             | -56.05       | -25           | -31.05            | -57.03            | -64.48             | 4.34                 | 12.77                 | V                  |

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

| LTE Band 41 / 10MHz / QPSK/ RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 5176              | -55.48       | -25           | -30.48            | -39.20            | -62.19             | 2.40                 | 9.12                  | H                  |
|                                                | 7764              | -43.60       | -25           | -18.60            | -36.85            | -53.23             | 2.87                 | 12.50                 | H                  |
|                                                | 10350             | -38.94       | -25           | -13.94            | -35.97            | -47.86             | 3.18                 | 12.10                 | H                  |
|                                                | 12942             | -47.30       | -25           | -22.30            | -45.85            | -56.34             | 3.79                 | 12.83                 | H                  |
|                                                | 15534             | -58.41       | -25           | -33.41            | -56.61            | -66.84             | 4.34                 | 12.77                 | H                  |
|                                                | 5176              | -63.27       | -25           | -38.27            | -43.29            | -69.98             | 2.40                 | 9.12                  | V                  |
|                                                | 7764              | -58.68       | -25           | -33.68            | -48.68            | -68.30             | 2.87                 | 12.50                 | V                  |
|                                                | 10350             | -38.59       | -25           | -13.59            | -36.6             | -47.51             | 3.18                 | 12.10                 | V                  |
|                                                | 12942             | -51.77       | -25           | -26.77            | -48.9             | -60.81             | 3.79                 | 12.83                 | V                  |
|                                                | 15534             | -51.70       | -25           | -26.70            | -52.68            | -60.13             | 4.34                 | 12.77                 | V                  |

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



| LTE Band 41 / 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                                         | 5172              | -53.00       | -25           | -28.00            | -38.23            | -59.72             | 2.40                 | 9.12                  | H                  |
|                                                | 7760              | -44.30       | -25           | -19.30            | -37.38            | -53.92             | 2.87                 | 12.50                 | H                  |
|                                                | 10341             | -39.25       | -25           | -14.25            | -36.18            | -48.17             | 3.18                 | 12.10                 | H                  |
|                                                | 12933             | -46.89       | -25           | -21.89            | -45.44            | -55.93             | 3.79                 | 12.83                 | H                  |
|                                                | 15516             | -56.06       | -25           | -31.06            | -54.26            | -64.49             | 4.34                 | 12.77                 | H                  |
|                                                | 5172              | -64.02       | -25           | -39.02            | -44.04            | -70.73             | 2.40                 | 9.12                  | V                  |
|                                                | 7760              | -58.28       | -25           | -33.28            | -48.28            | -67.90             | 2.87                 | 12.50                 | V                  |
|                                                | 10341             | -37.64       | -25           | -12.64            | -36.01            | -46.56             | 3.18                 | 12.10                 | V                  |
|                                                | 12933             | -48.13       | -25           | -23.13            | -45.26            | -57.17             | 3.79                 | 12.83                 | V                  |
|                                                | 15516             | -56.21       | -25           | -31.21            | -57.19            | -64.64             | 4.34                 | 12.77                 | V                  |

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

| LTE Band 41 / 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                                         | 5168              | -51.04       | -25           | -26.04            | -36.76            | -57.76             | 2.40                 | 9.12                  | H                  |
|                                                | 7752              | -43.47       | -25           | -18.47            | -36.77            | -53.10             | 2.87                 | 12.50                 | H                  |
|                                                | 10332             | -39.88       | -25           | -14.88            | -36.63            | -48.80             | 3.18                 | 12.10                 | H                  |
|                                                | 12924             | -45.77       | -25           | -20.77            | -44.44            | -54.81             | 3.79                 | 12.83                 | H                  |
|                                                | 15507             | -57.48       | -25           | -32.48            | -55.68            | -65.91             | 4.34                 | 12.77                 | H                  |
|                                                | 5168              | -64.10       | -25           | -39.10            | -44.12            | -70.81             | 2.40                 | 9.12                  | V                  |
|                                                | 7752              | -57.85       | -25           | -32.85            | -47.85            | -67.47             | 2.87                 | 12.50                 | V                  |
|                                                | 10332             | -36.32       | -25           | -11.32            | -34.84            | -45.24             | 3.18                 | 12.10                 | V                  |
|                                                | 12924             | -52.12       | -25           | -27.12            | -49.25            | -61.16             | 3.79                 | 12.83                 | V                  |
|                                                | 15507             | -56.53       | -25           | -31.53            | -57.51            | -64.96             | 4.34                 | 12.77                 | V                  |

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