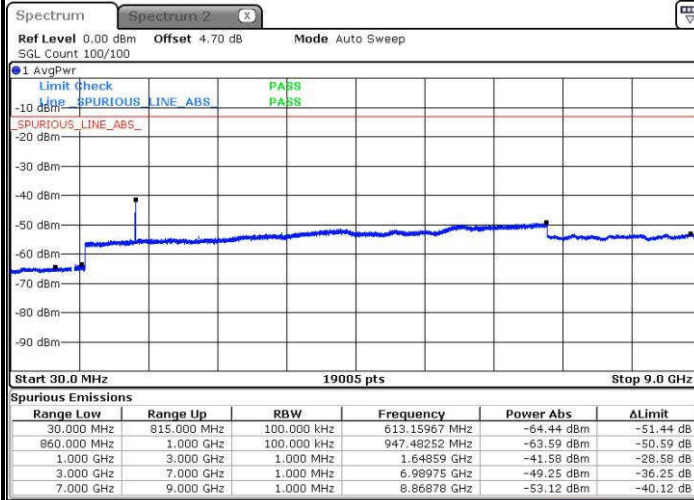




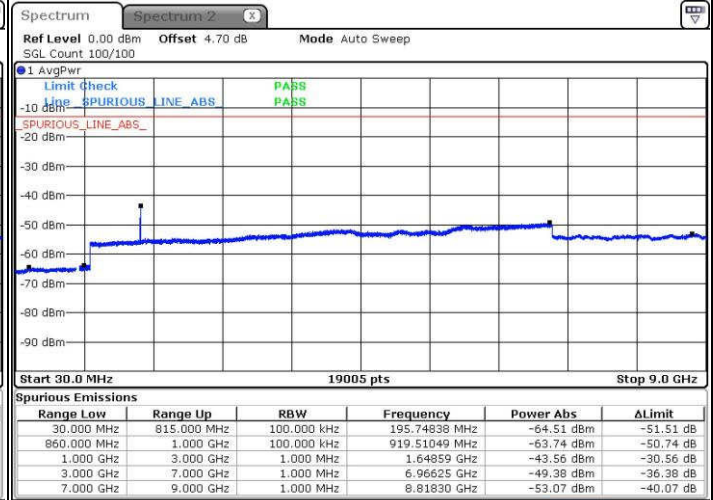
## LTE Band 5 / 1.4MHz

## Lowest Channel / QPSK



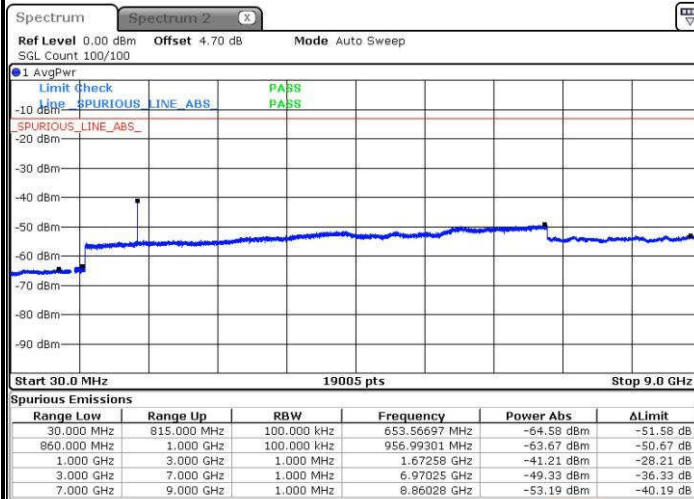
Date: 26 MAR 2017 14:36:37

## Lowest Channel / 16QAM



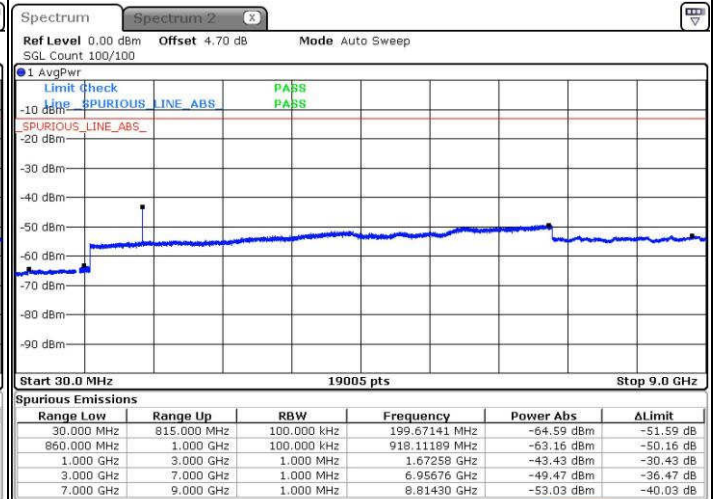
Date: 26 MAR 2017 14:37:32

## Middle Channel / QPSK



Date: 26 MAR 2017 14:39:13

## Middle Channel / 16QAM

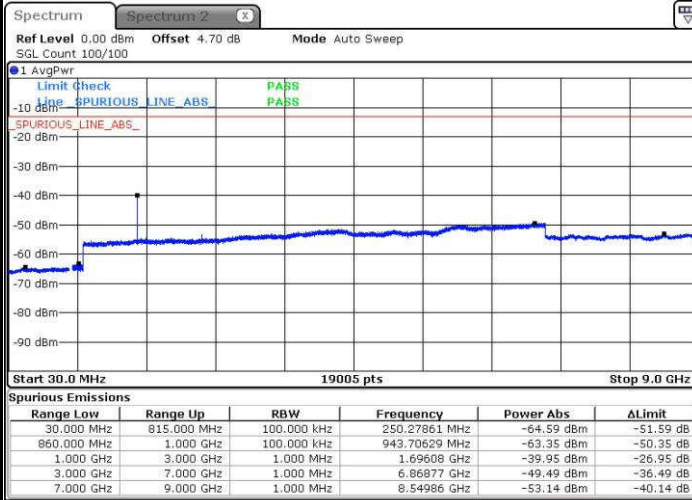


Date: 26 MAR 2017 14:40:08



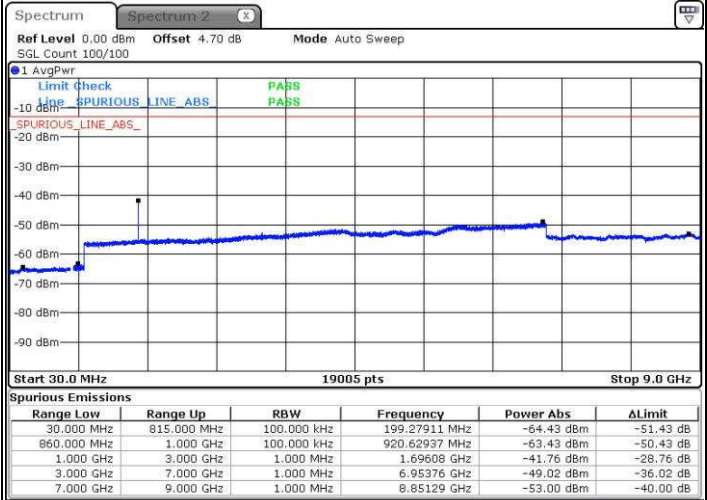
## LTE Band 5 / 1.4MHz

## Highest Channel / QPSK



Date: 26 MAR 2017 14:48:28

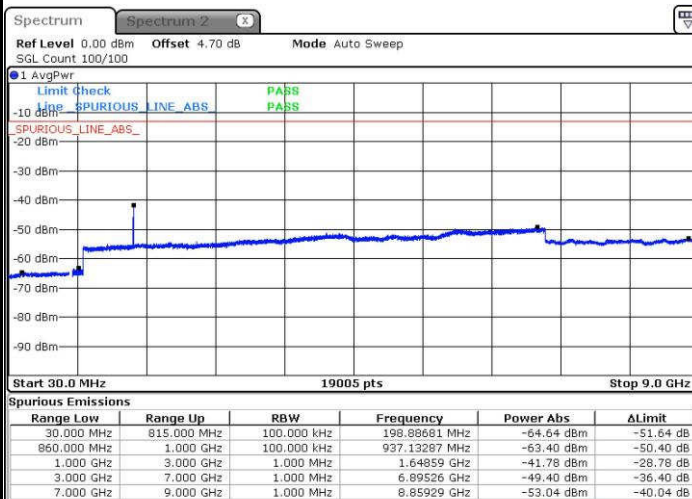
## Highest Channel / 16QAM



Date: 26 MAR 2017 14:49:24

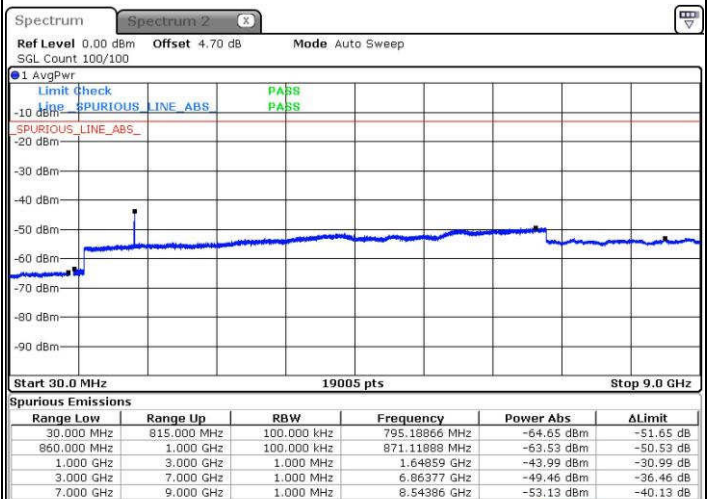
## LTE Band 5 / 3MHz

## Lowest Channel / QPSK



Date: 26 MAR 2017 14:57:44

## Lowest Channel / 16QAM

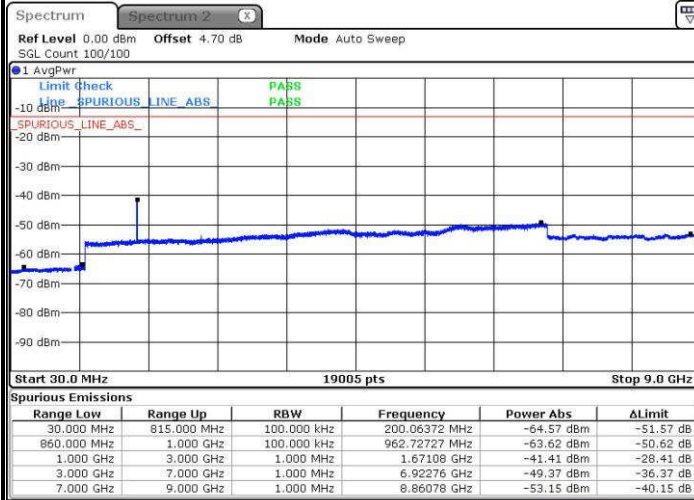


Date: 26 MAR 2017 14:58:39



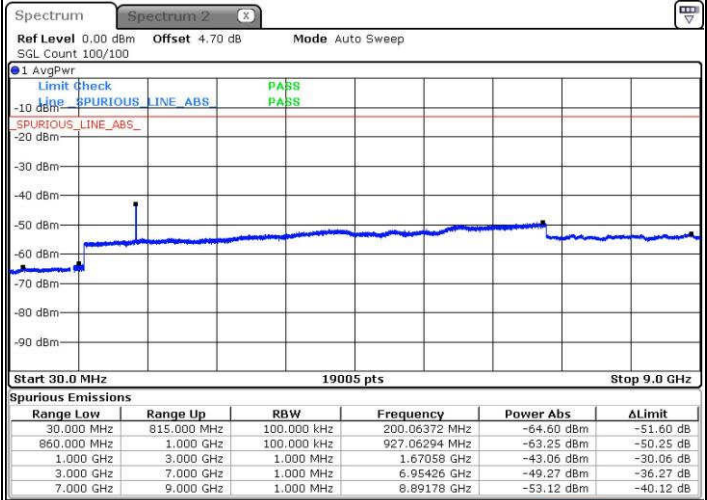
## LTE Band 5 / 3MHz

## Middle Channel / QPSK



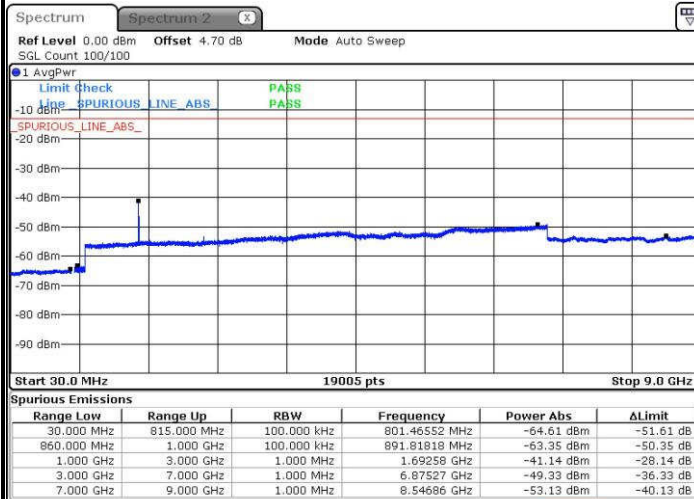
Date: 26 MAR 2017 15:00:19

## Middle Channel / 16QAM



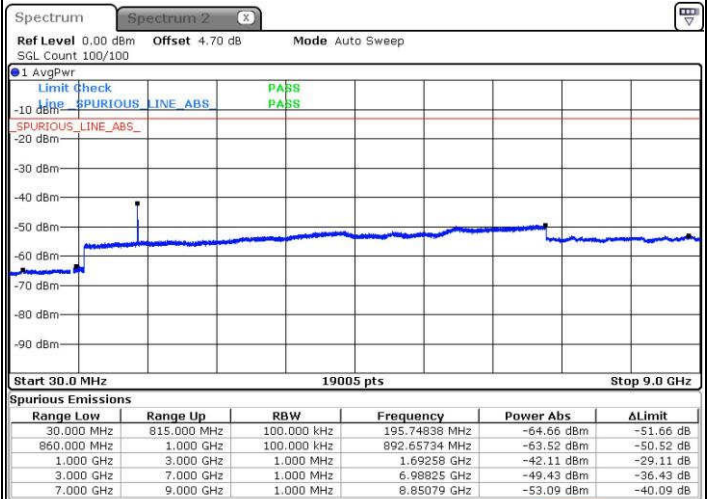
Date: 26 MAR 2017 15:01:14

## Highest Channel / QPSK



Date: 26 MAR 2017 15:09:34

## Highest Channel / 16QAM

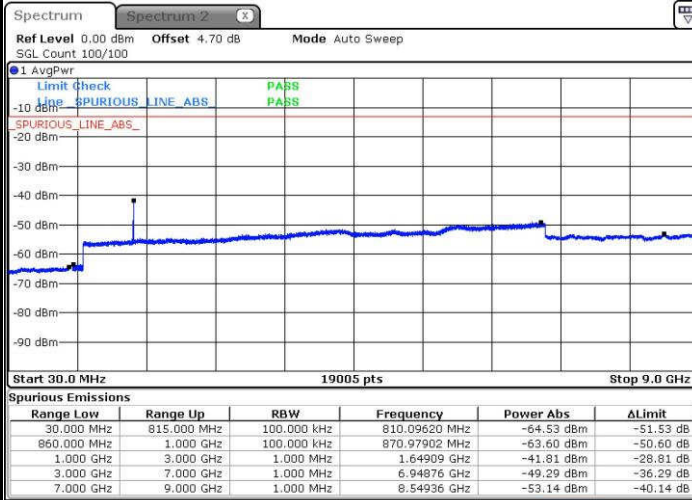


Date: 26 MAR 2017 15:10:29



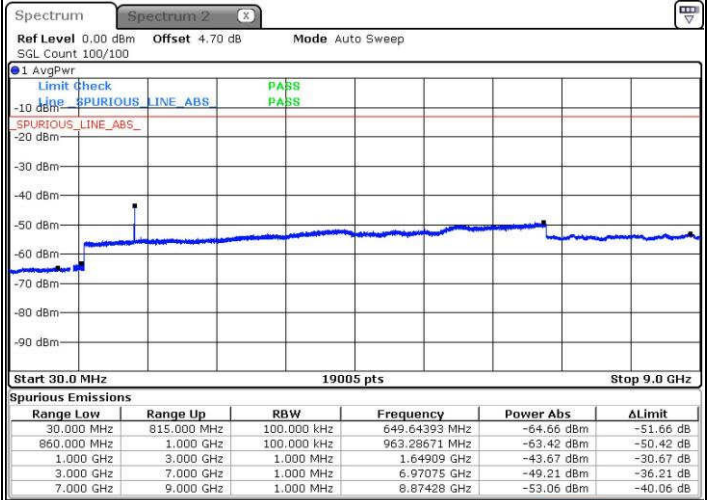
## LTE Band 5 / 5MHz

## Lowest Channel / QPSK



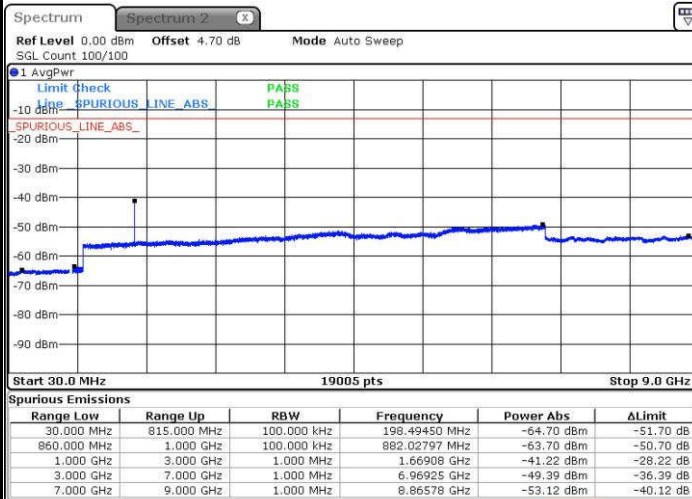
Date: 26 MAR 2017 15:18:49

## Lowest Channel / 16QAM



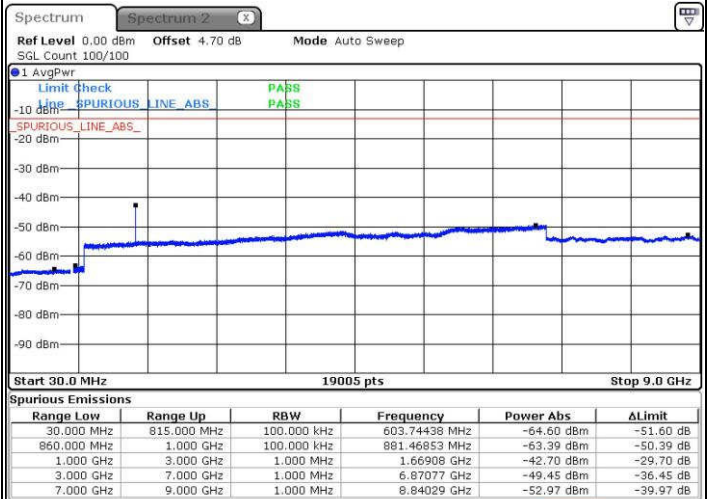
Date: 26 MAR 2017 15:19:44

## Middle Channel / QPSK



Date: 26 MAR 2017 15:21:24

## Middle Channel / 16QAM

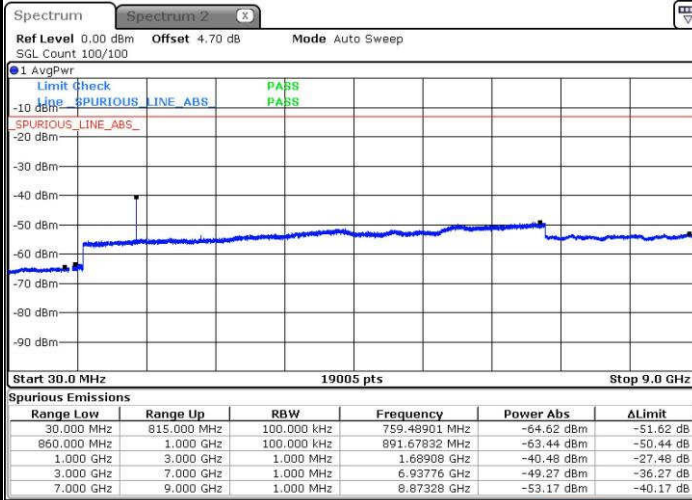


Date: 26 MAR 2017 15:22:19



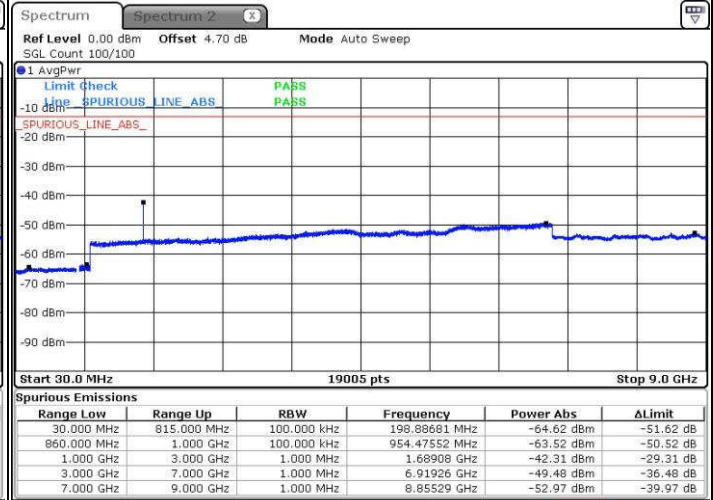
## LTE Band 5 / 5MHz

## Highest Channel / QPSK



Date: 26 MAR 2017 15:30:39

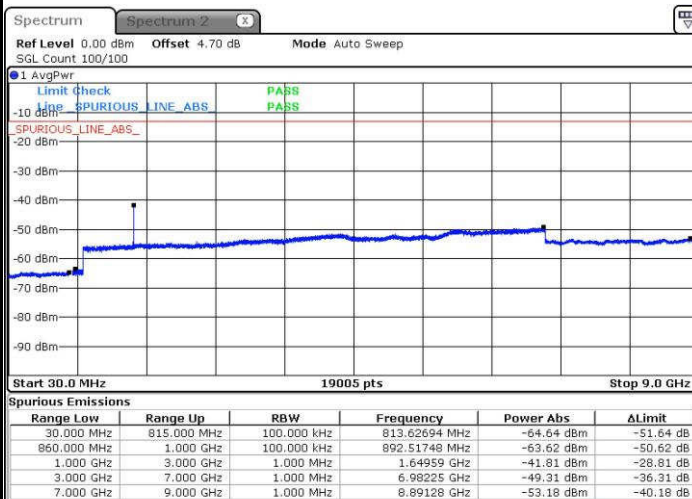
## Highest Channel / 16QAM



Date: 26 MAR 2017 15:31:34

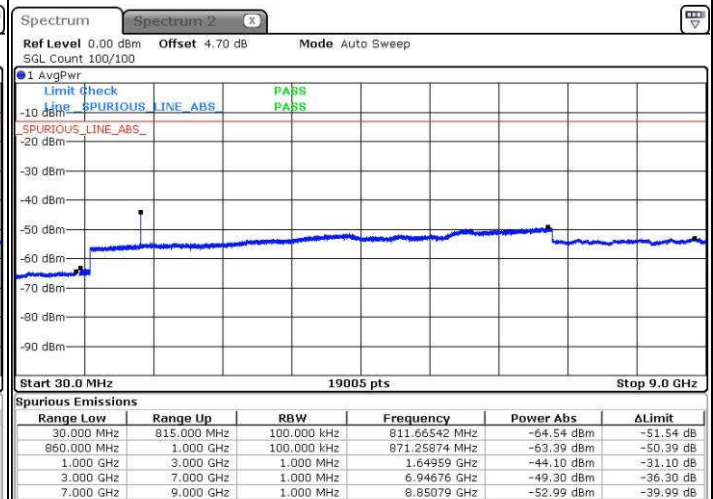
## LTE Band 5 / 10MHz

## Lowest Channel / QPSK



Date: 26 MAR 2017 15:39:53

## Lowest Channel / 16QAM

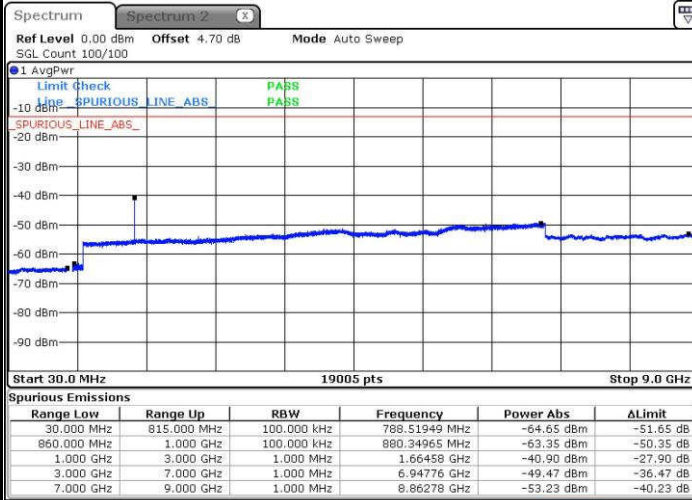


Date: 26 MAR 2017 15:40:48



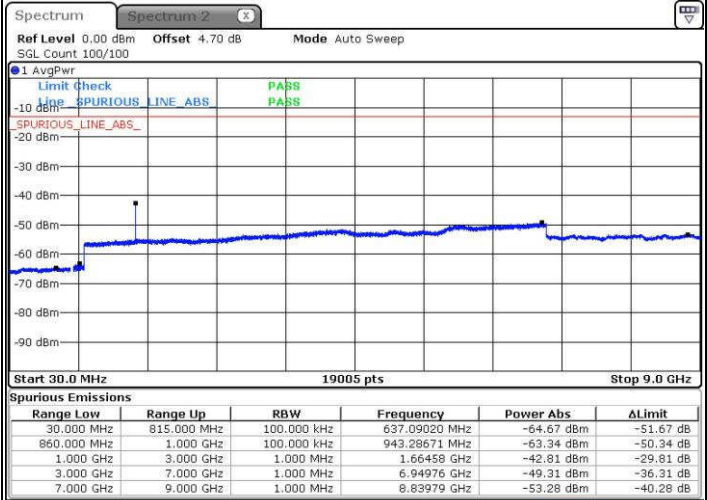
## LTE Band 5 / 10MHz

## Middle Channel / QPSK



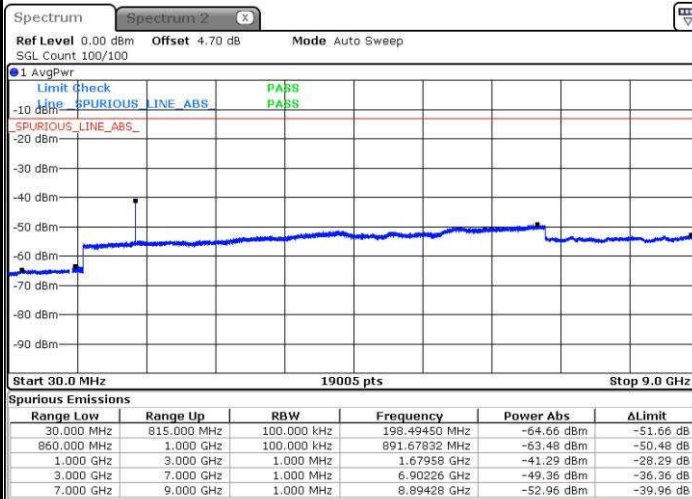
Date: 26 MAR 2017 15:42:28

## Middle Channel / 16QAM



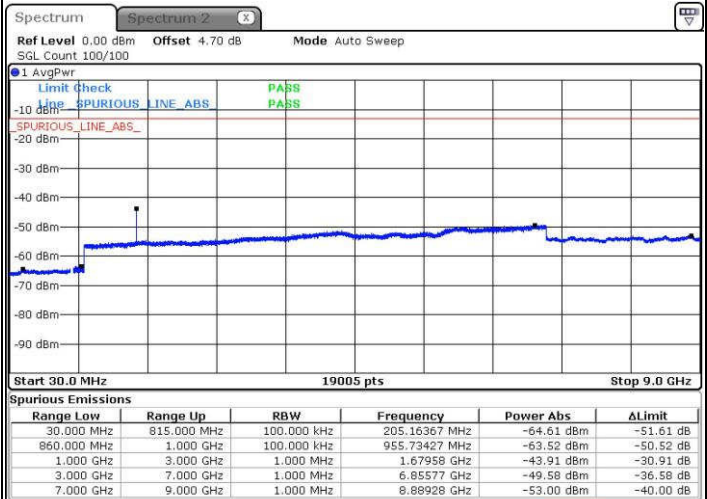
Date: 26 MAR 2017 15:43:23

## Highest Channel / QPSK



Date: 26 MAR 2017 15:51:43

## Highest Channel / 16QAM

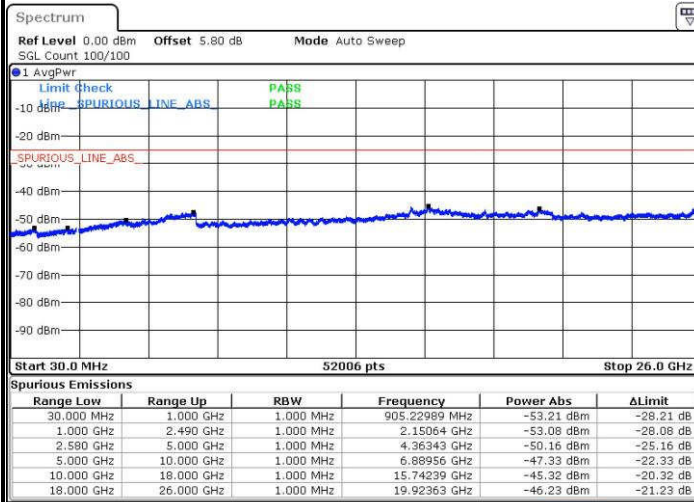


Date: 26 MAR 2017 15:52:39



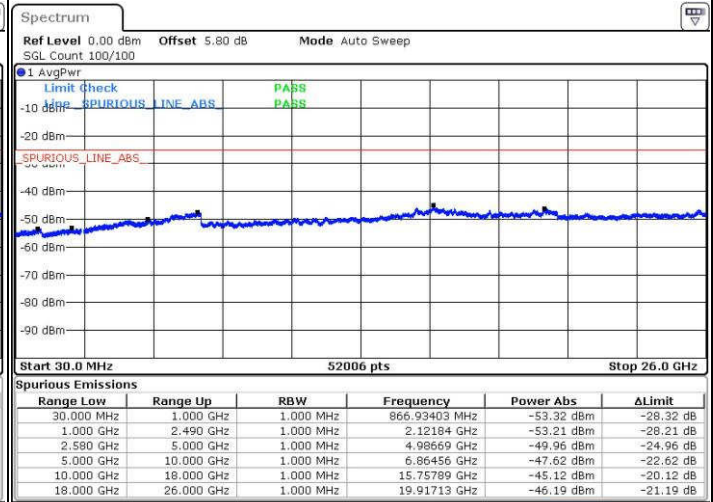
## LTE Band 7 / 5MHz

## Lowest Channel / QPSK



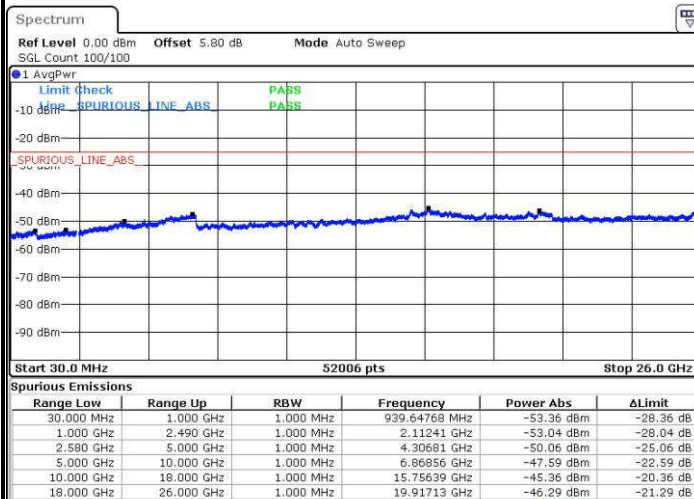
Date: 25 MAR 2017 00:48:38

## Lowest Channel / 16QAM



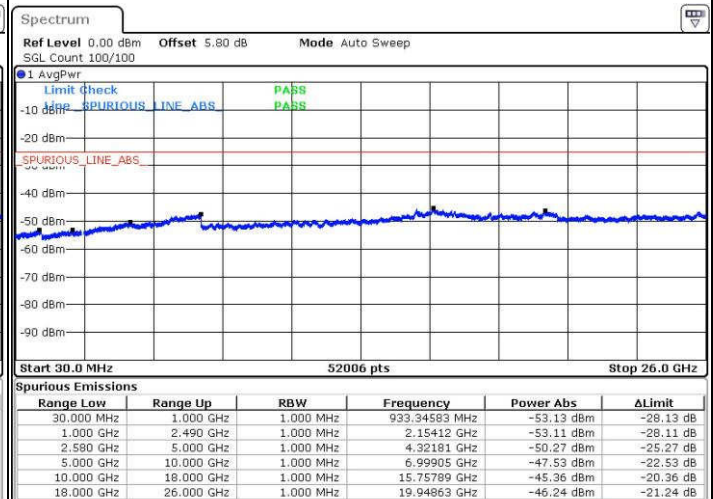
Date: 25 MAR 2017 00:49:33

## Middle Channel / QPSK



Date: 25 MAR 2017 00:51:23

## Middle Channel / 16QAM

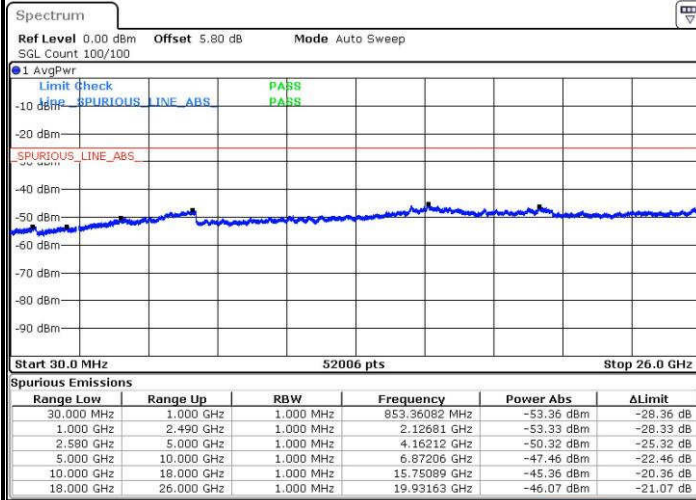


Date: 25 MAR 2017 00:50:28



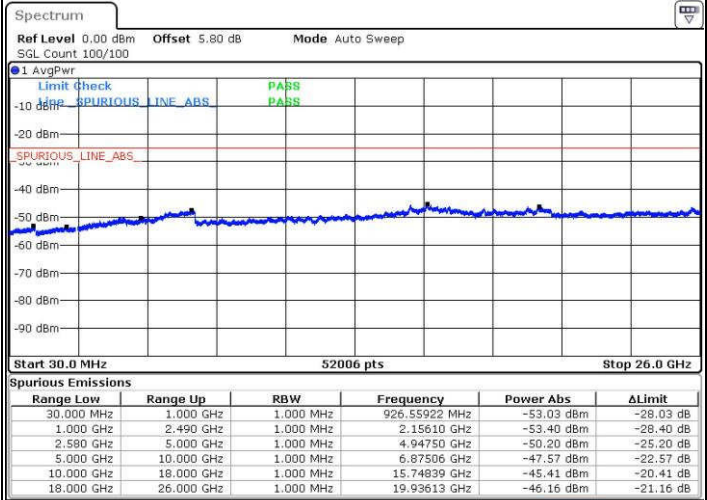
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 25 MAR 2017 00:52:18

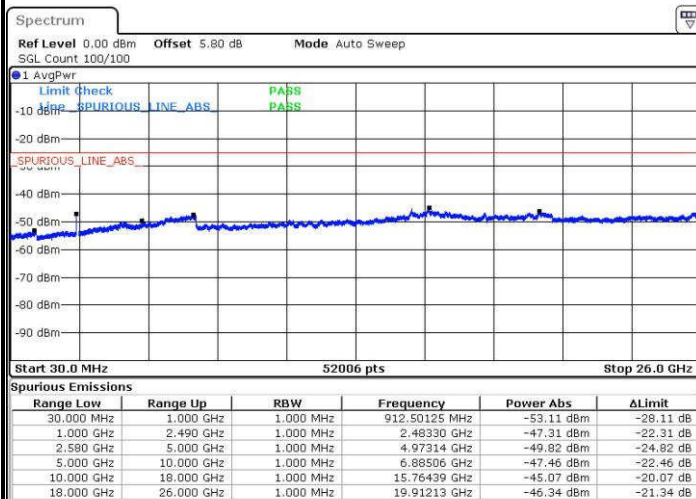
## Highest Channel / 16QAM



Date: 25 MAR 2017 00:53:13

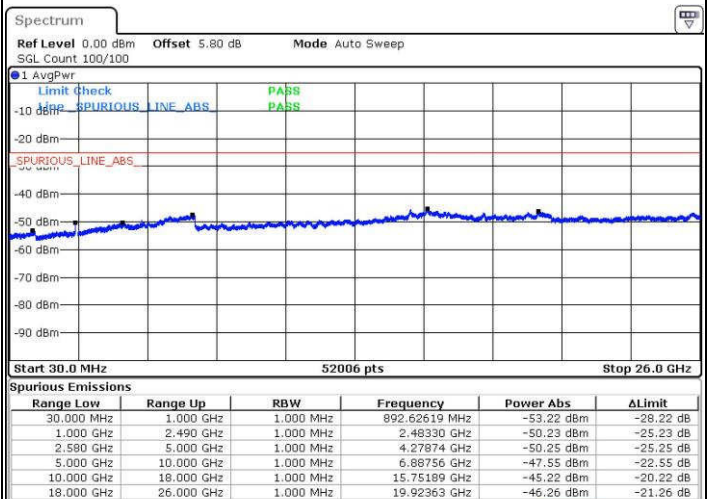
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 25 MAR 2017 01:05:31

## Lowest Channel / 16QAM

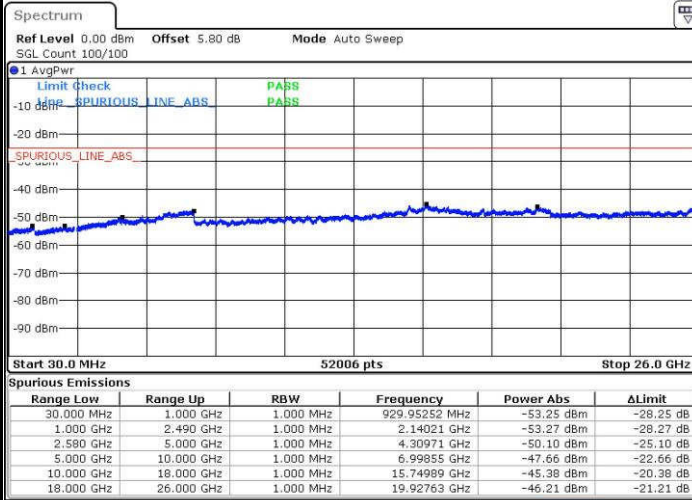


Date: 25 MAR 2017 01:06:26



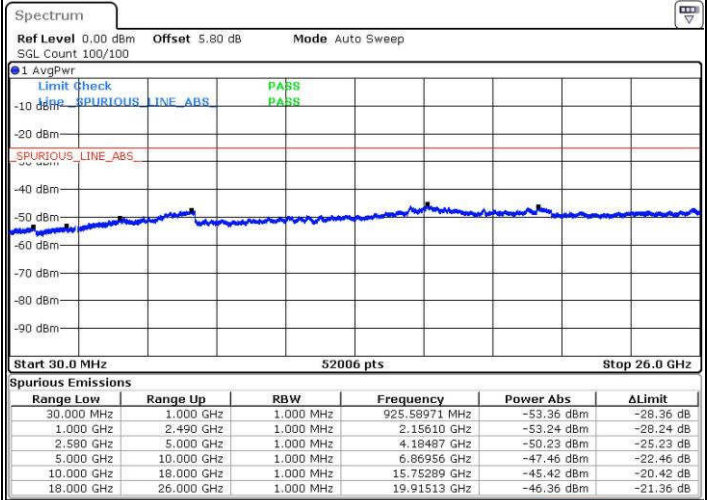
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



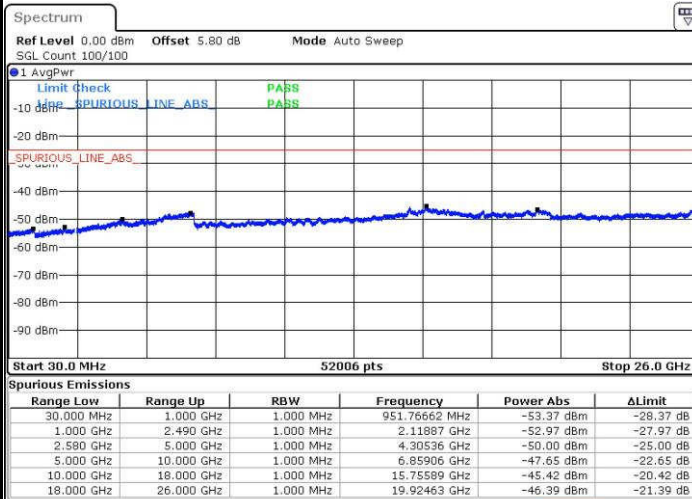
Date: 25 MAR 2017 01:08:16

## Middle Channel / 16QAM



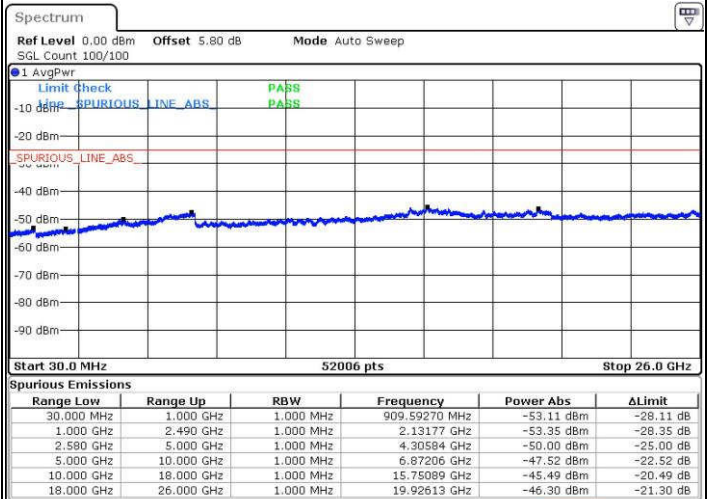
Date: 25 MAR 2017 01:07:21

## Highest Channel / QPSK



Date: 25 MAR 2017 01:09:11

## Highest Channel / 16QAM

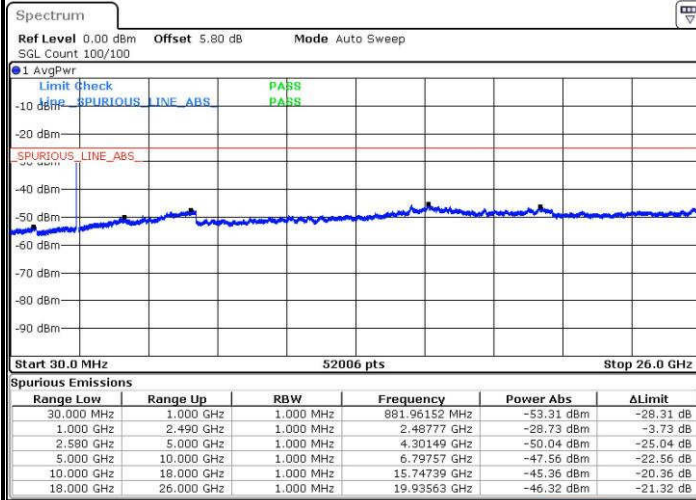


Date: 25 MAR 2017 01:10:06



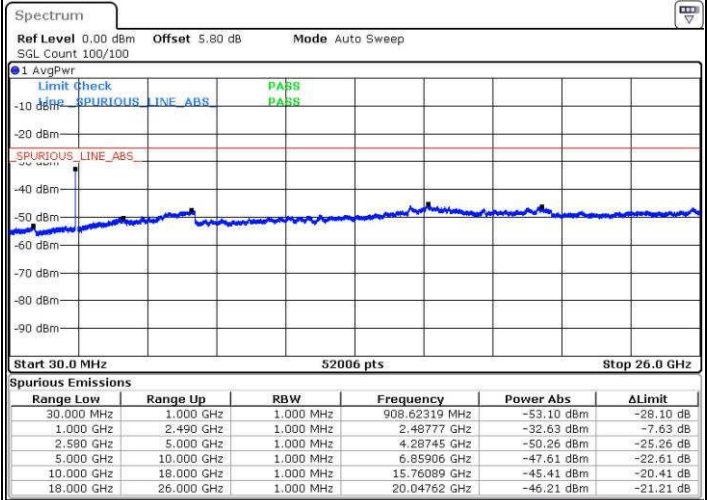
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



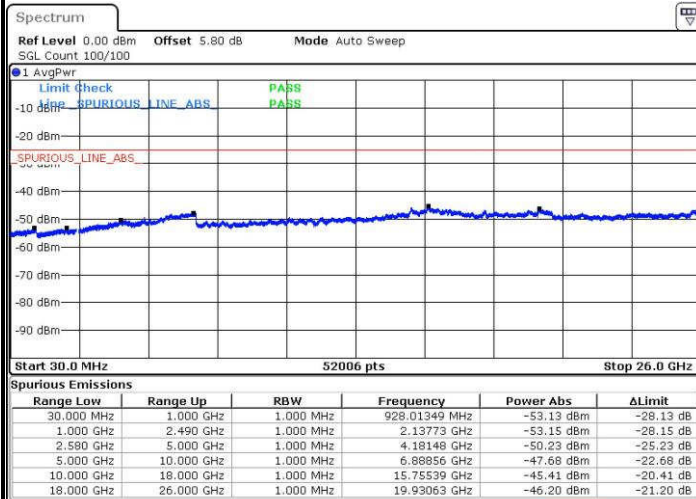
Date: 25 MAR 2017 01:22:26

## Lowest Channel / 16QAM



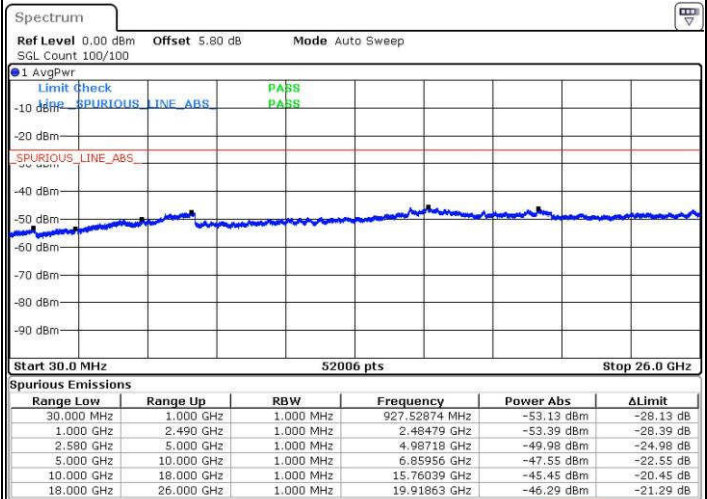
Date: 25 MAR 2017 01:23:21

## Middle Channel / QPSK



Date: 25 MAR 2017 01:25:11

## Middle Channel / 16QAM

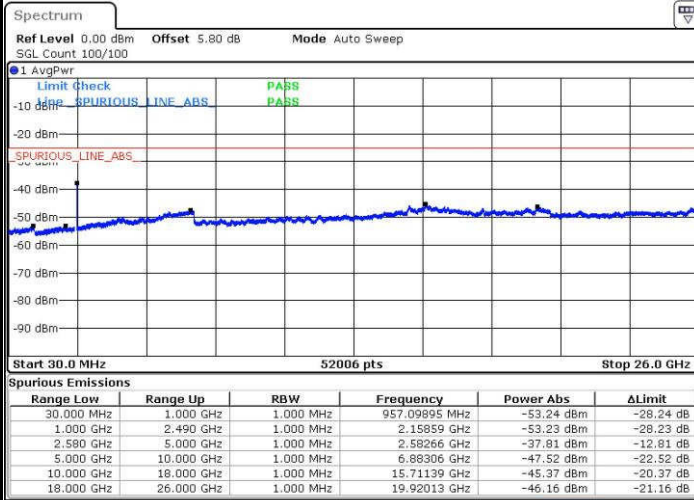


Date: 25 MAR 2017 01:24:16



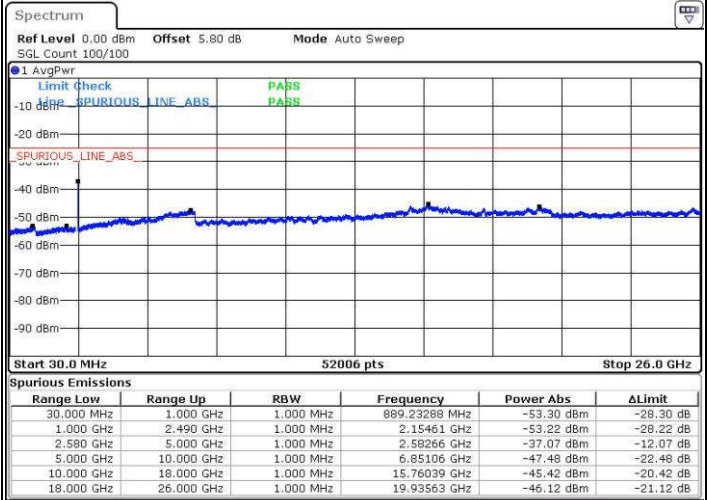
## LTE Band7 / 15MHz

## Highest Channel / QPSK



Date: 25 MAR 2017 01:26:06

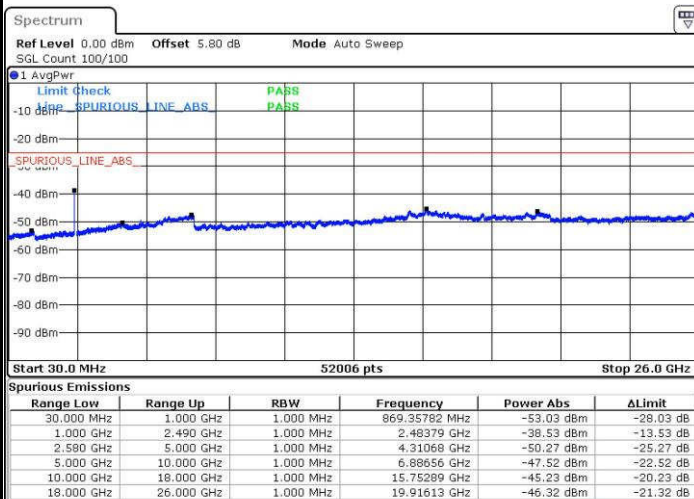
## Highest Channel / 16QAM



Date: 25 MAR 2017 01:27:01

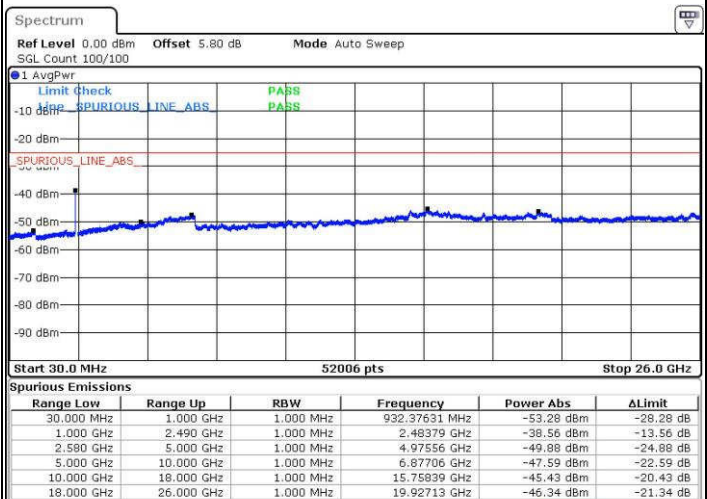
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 25 MAR 2017 01:39:20

## Lowest Channel / 16QAM

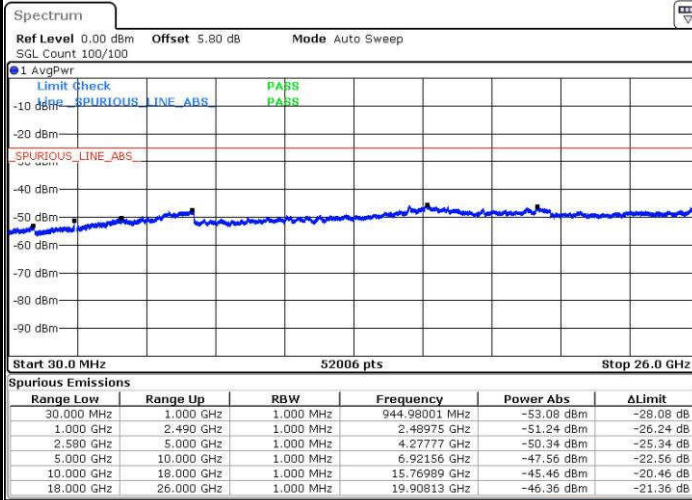


Date: 25 MAR 2017 01:40:15



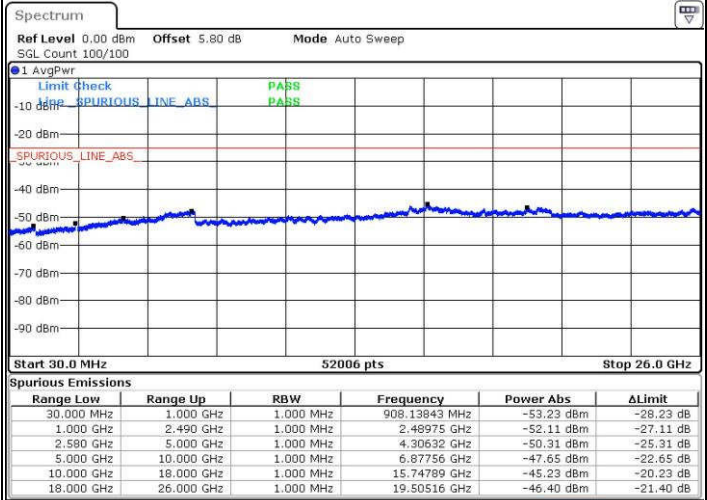
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



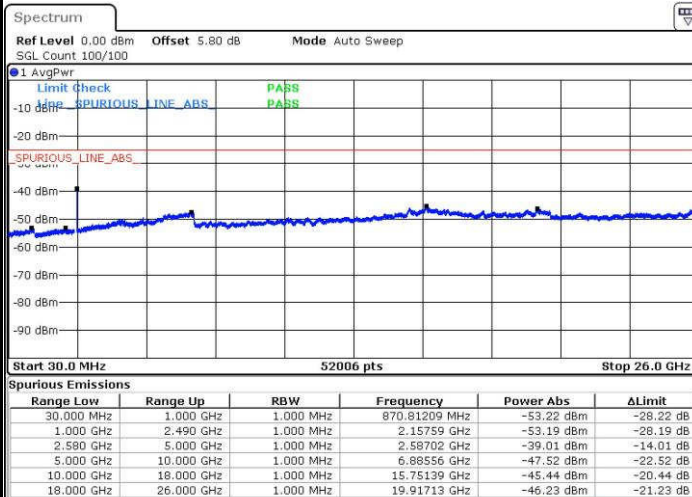
Date: 25 MAR 2017 01:42:06

## Middle Channel / 16QAM



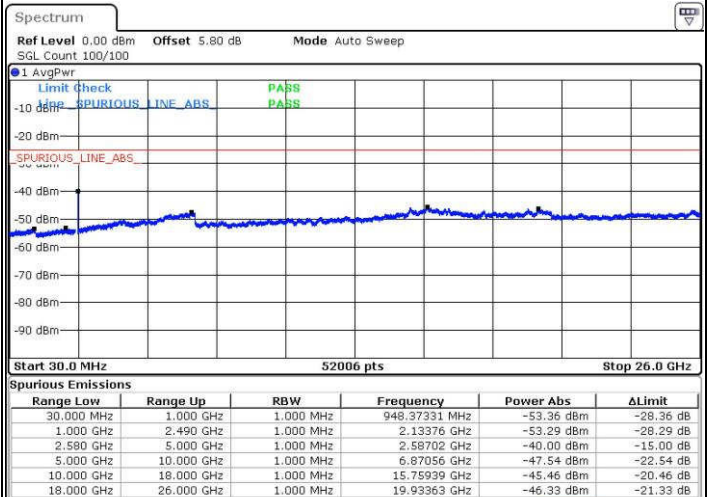
Date: 25 MAR 2017 01:41:10

## Highest Channel / QPSK



Date: 25 MAR 2017 01:43:01

## Highest Channel / 16QAM

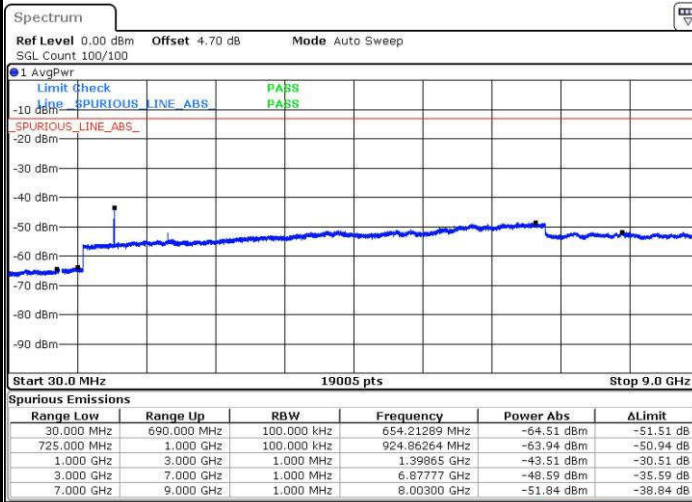


Date: 25 MAR 2017 01:43:56



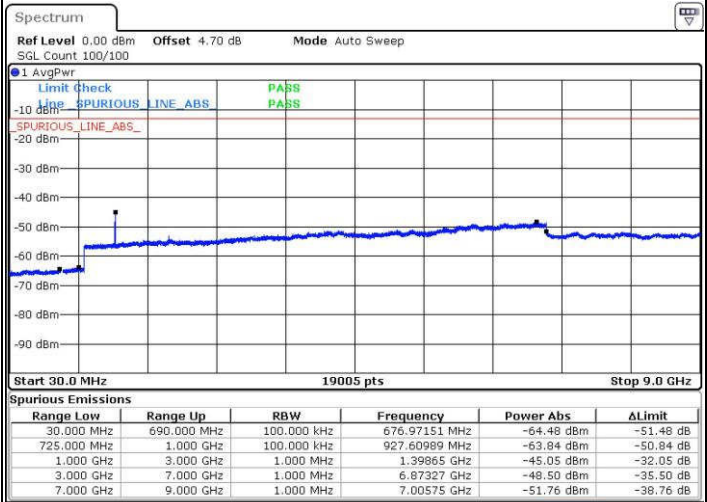
## LTE Band 12 / 1.4MHz

## Lowest Channel / QPSK



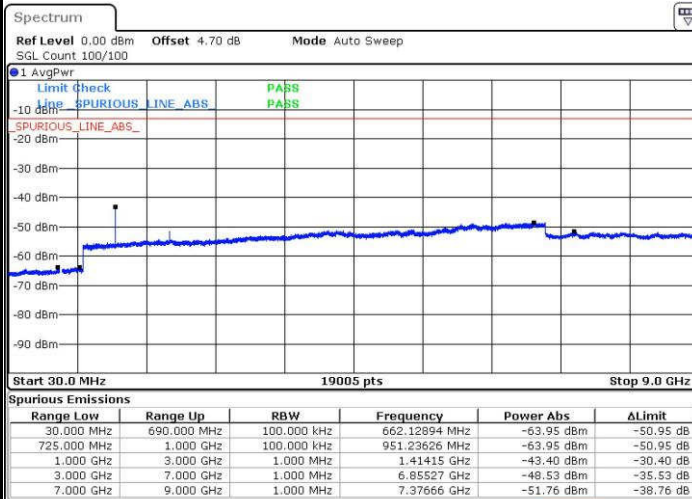
Date: 24 MAR 2017 18:45:00

## Lowest Channel / 16QAM



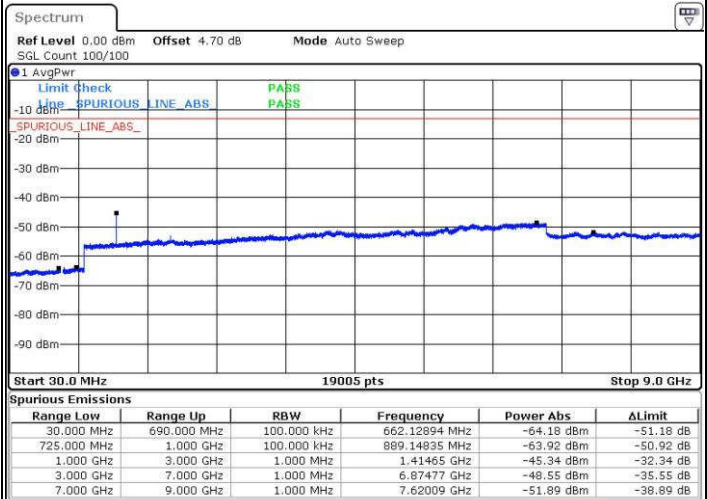
Date: 24 MAR 2017 18:45:55

## Middle Channel / QPSK



Date: 24 MAR 2017 18:47:47

## Middle Channel / 16QAM

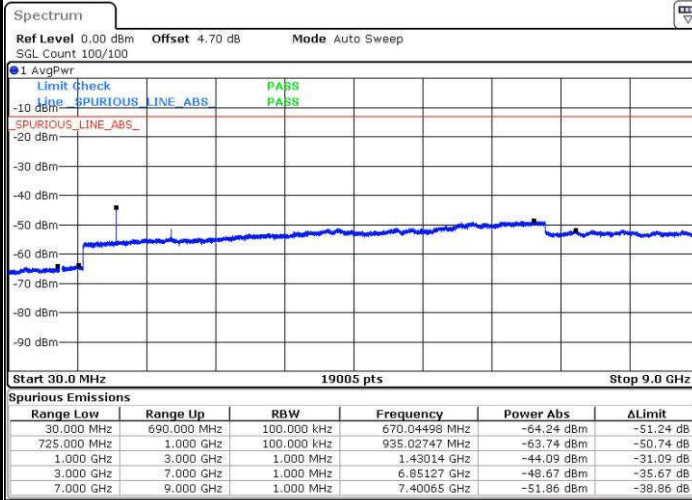


Date: 24 MAR 2017 18:48:51



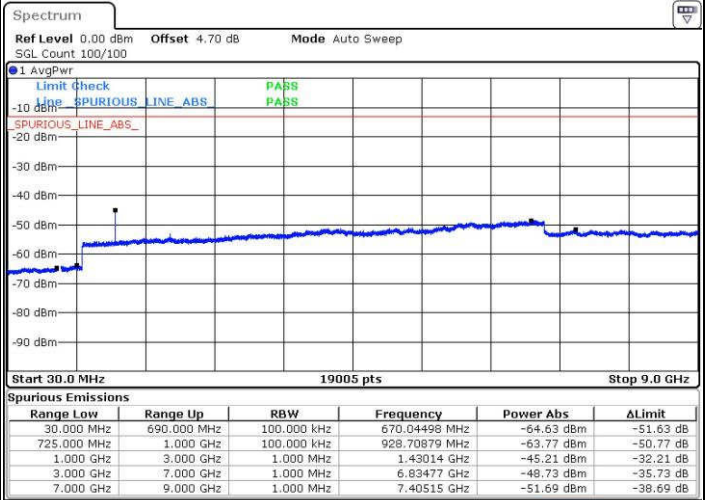
## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK



Date: 24 MAR 2017 18:48:42

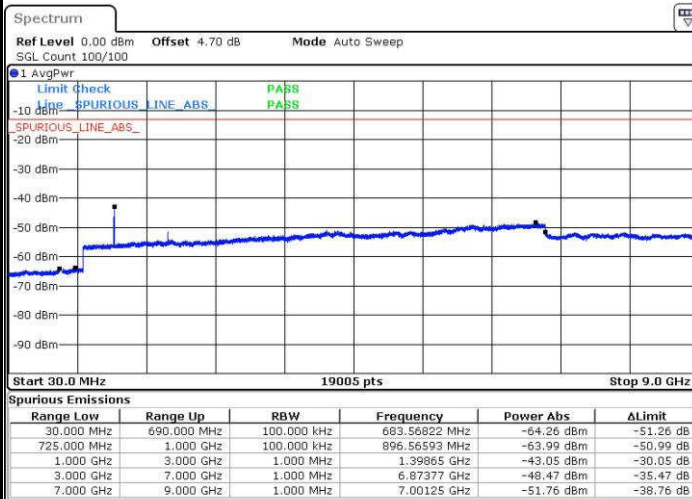
## Highest Channel / 16QAM



Date: 24 MAR 2017 18:49:38

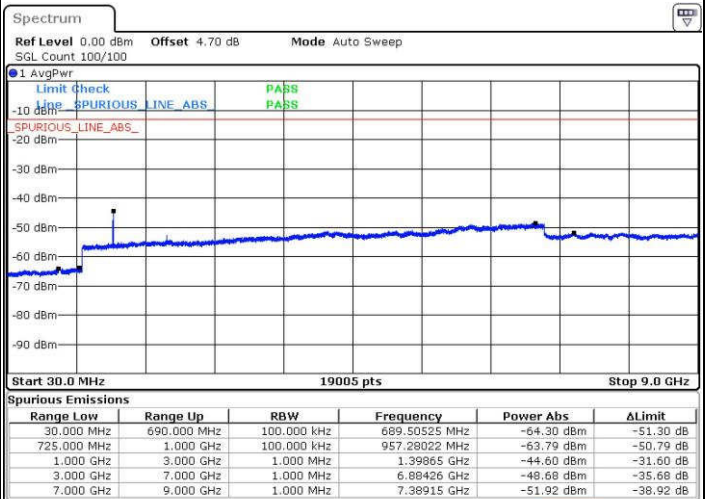
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK



Date: 24 MAR 2017 19:01:53

## Lowest Channel / 16QAM

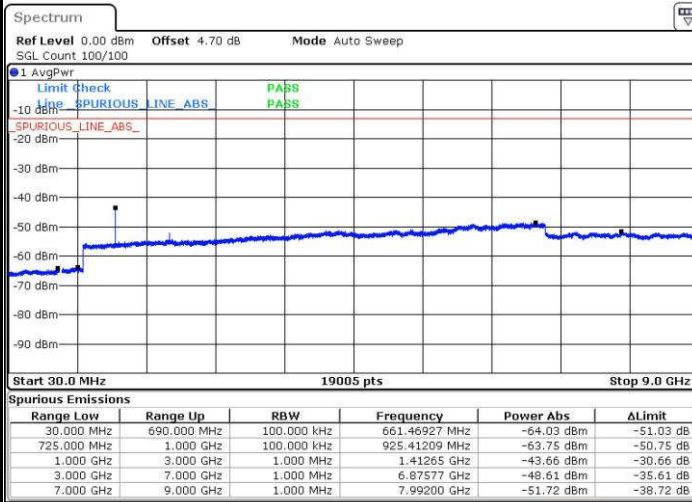


Date: 24 MAR 2017 19:02:49



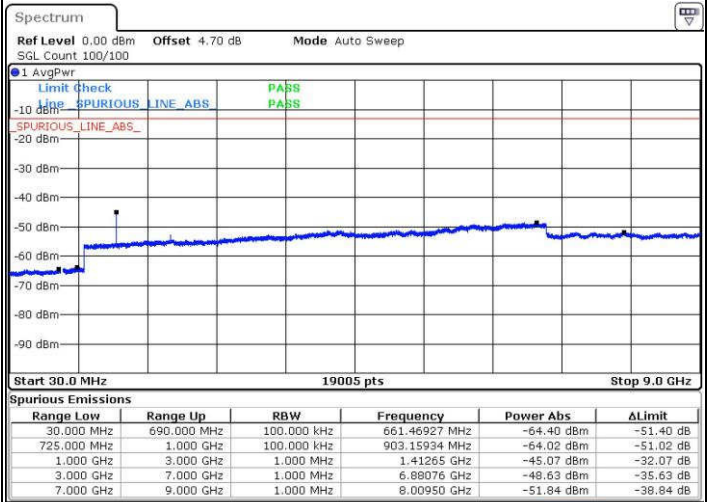
## LTE Band 12 / 3MHz

## Middle Channel / QPSK



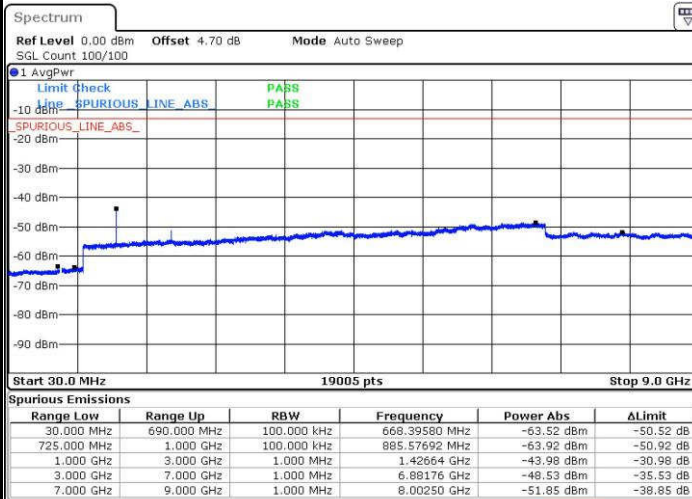
Date: 24 MAR 2017 19:04:40

## Middle Channel / 16QAM



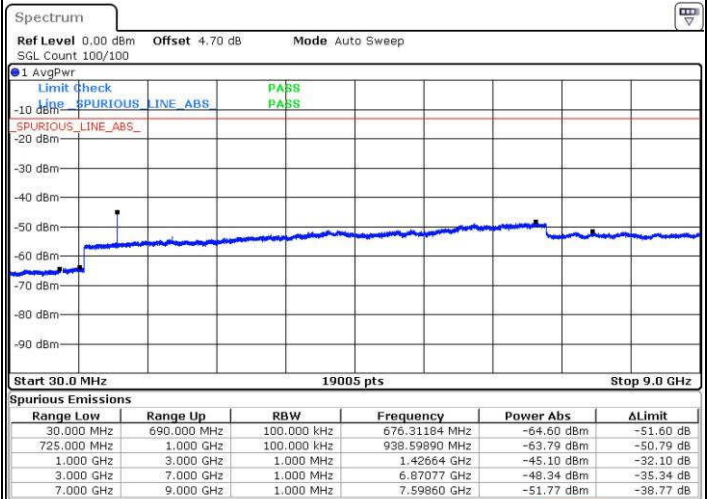
Date: 24 MAR 2017 19:03:45

## Highest Channel / QPSK



Date: 24 MAR 2017 19:05:36

## Highest Channel / 16QAM

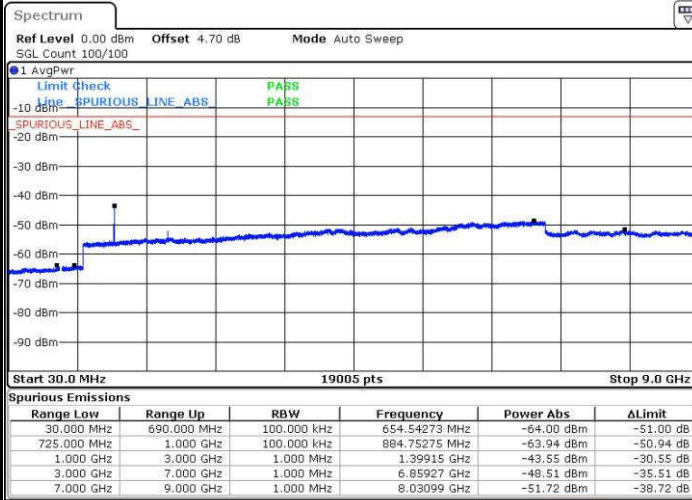


Date: 24 MAR 2017 19:06:31



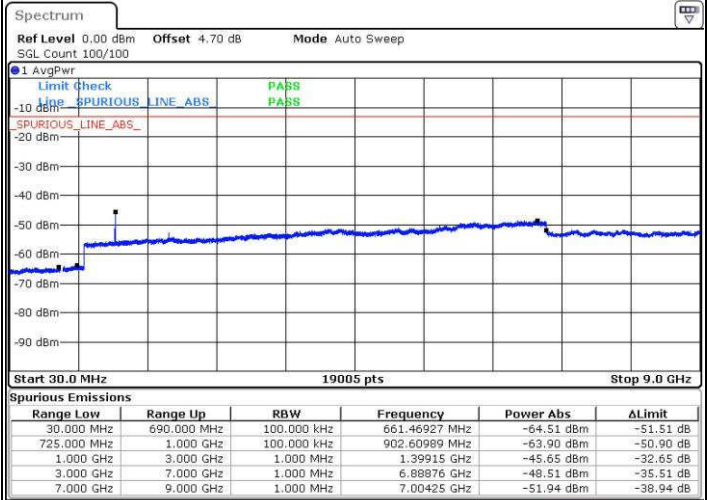
## LTE Band 12 / 5MHz

## Lowest Channel / QPSK



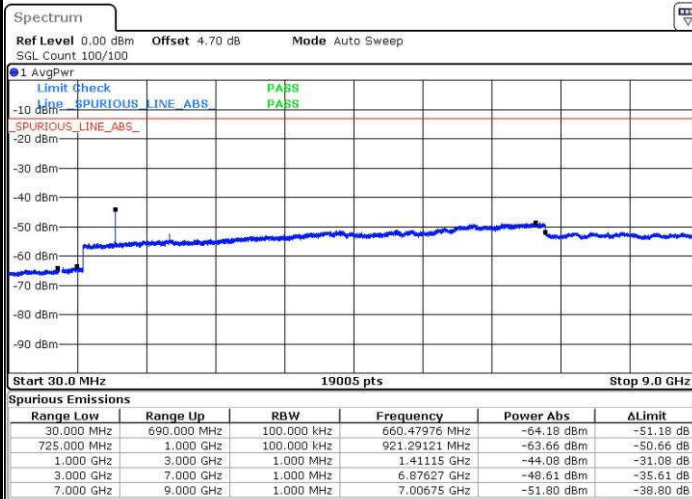
Date: 24 MAR 2017 19:18:48

## Lowest Channel / 16QAM



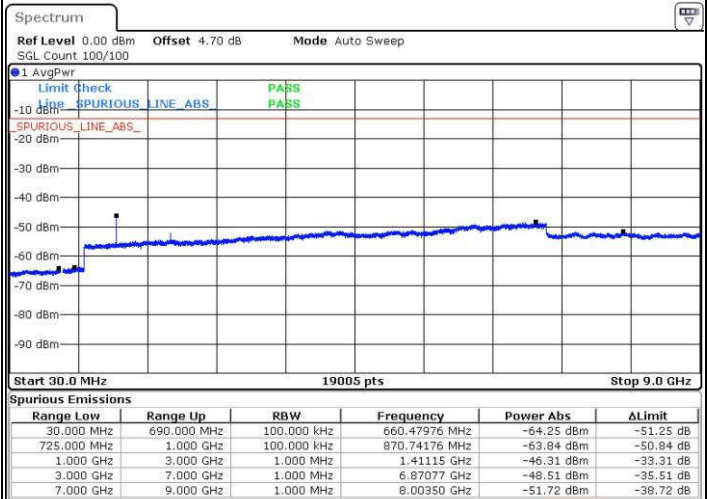
Date: 24 MAR 2017 19:19:43

## Middle Channel / QPSK



Date: 24 MAR 2017 19:21:35

## Middle Channel / 16QAM

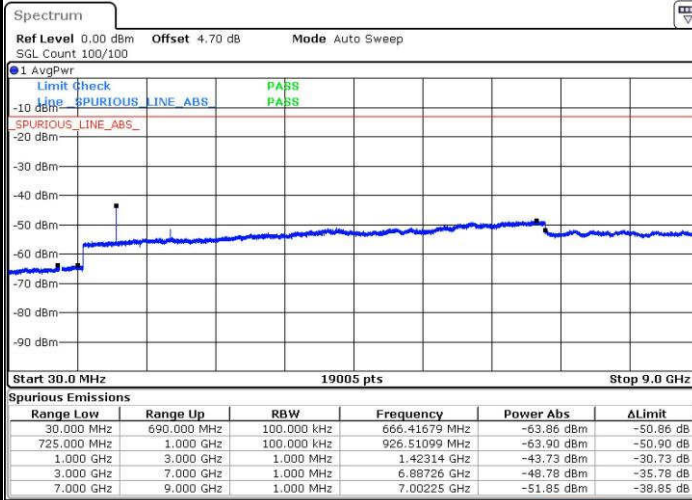


Date: 24 MAR 2017 19:20:39



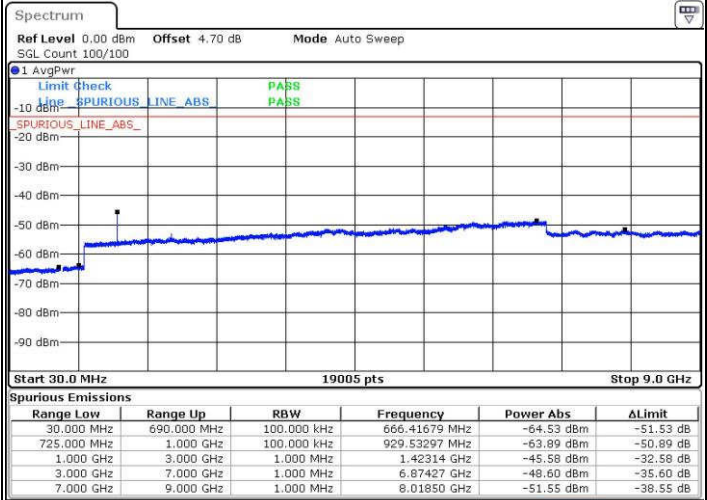
## LTE Band 12 / 5MHz

## Highest Channel / QPSK



Date: 24 MAR 2017 19:22:30

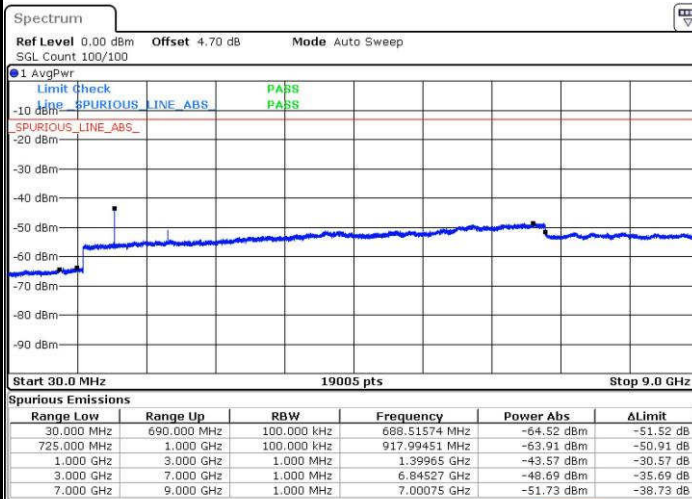
## Highest Channel / 16QAM



Date: 24 MAR 2017 19:23:26

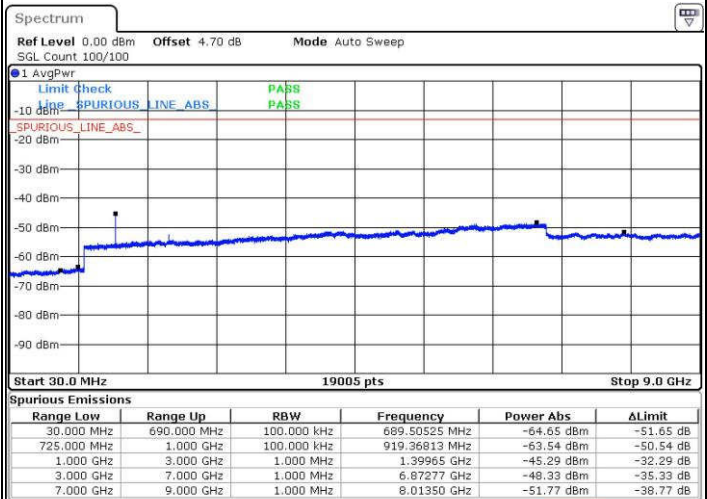
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK



Date: 25 MAR 2017 00:10:41

## Lowest Channel / 16QAM

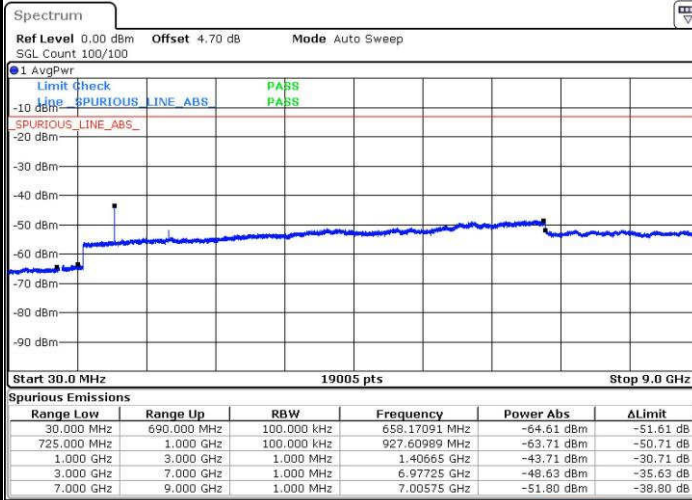


Date: 25 MAR 2017 00:11:36



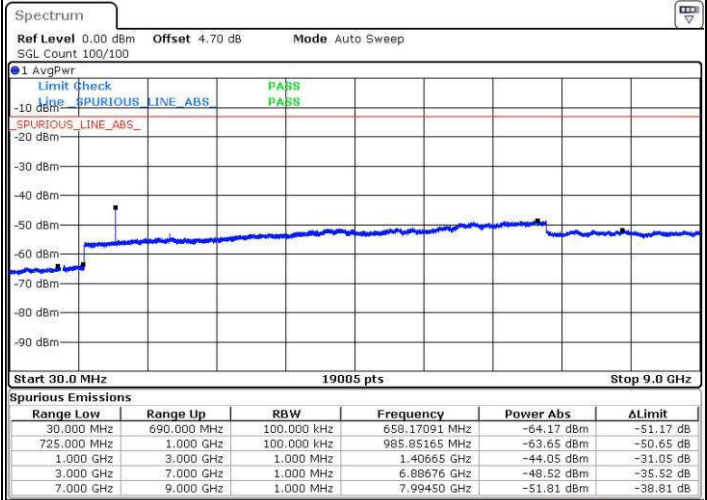
## LTE Band 12 / 10MHz

## Middle Channel / QPSK



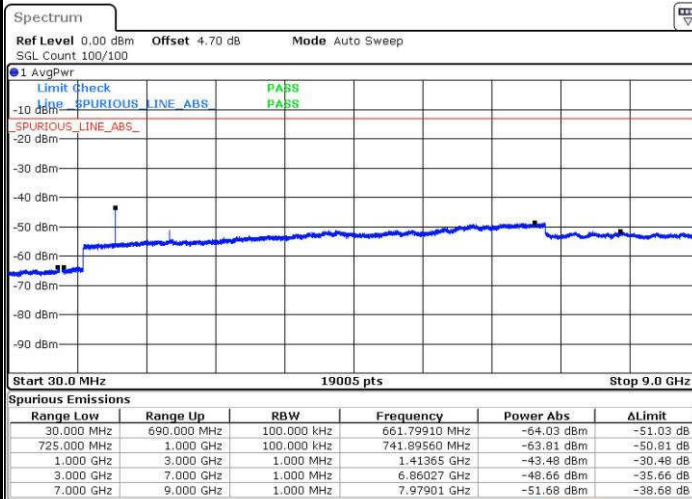
Date: 25 MAR 2017 00:13:28

## Middle Channel / 16QAM



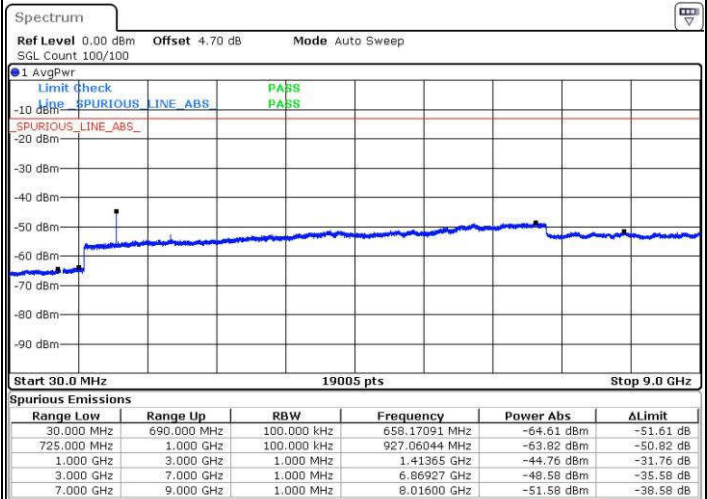
Date: 25 MAR 2017 00:12:32

## Highest Channel / QPSK



Date: 25 MAR 2017 00:14:24

## Highest Channel / 16QAM



Date: 25 MAR 2017 00:15:20

## Frequency Stability

| Test Conditions  |                   | LTE Band 2 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0023                             | PASS    |
| 40               | Normal Voltage    | 0.0011                             |         |
| 30               | Normal Voltage    | 0.0009                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0004                             |         |
| 0                | Normal Voltage    | 0.0018                             |         |
| -10              | Normal Voltage    | 0.0025                             |         |
| -20              | Normal Voltage    | 0.0036                             |         |
| -30              | Normal Voltage    | 0.0002                             |         |
| 20               | Maximum Voltage   | 0.0007                             |         |
| 20               | Normal Voltage    | 0.0018                             |         |
| 20               | Battery End Point | 0.0004                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0025                             | PASS    |
| 40                  | Normal Voltage    | 0.0019                             |         |
| 30                  | Normal Voltage    | 0.0012                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0018                             |         |
| 0                   | Normal Voltage    | 0.0014                             |         |
| -10                 | Normal Voltage    | 0.0020                             |         |
| -20                 | Normal Voltage    | 0.0012                             |         |
| -30                 | Normal Voltage    | 0.0000                             |         |
| 20                  | Maximum Voltage   | 0.0009                             |         |
| 20                  | Normal Voltage    | 0.0013                             |         |
| 20                  | Battery End Point | 0.0002                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 5 (QPSK) / Middle Channel | Limit  |
|---------------------|-------------------|------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | 2.5ppm |
|                     |                   | Deviation<br>(ppm)                 | Result |
| 50                  | Normal Voltage    | 0.0006                             | PASS   |
| 40                  | Normal Voltage    | 0.0033                             |        |
| 30                  | Normal Voltage    | 0.0044                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0033                             |        |
| 0                   | Normal Voltage    | 0.0045                             |        |
| -10                 | Normal Voltage    | 0.0037                             |        |
| -20                 | Normal Voltage    | 0.0004                             |        |
| -30                 | Normal Voltage    | 0.0026                             |        |
| 20                  | Maximum Voltage   | 0.0000                             |        |
| 20                  | Normal Voltage    | 0.0032                             |        |
| 20                  | Battery End Point | 0.0010                             |        |

**Note:** Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



| Test Conditions     |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0011                             | PASS    |
| 40                  | Normal Voltage    | 0.0004                             |         |
| 30                  | Normal Voltage    | 0.0007                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0006                             |         |
| 0                   | Normal Voltage    | 0.0008                             |         |
| -10                 | Normal Voltage    | 0.0003                             |         |
| -20                 | Normal Voltage    | 0.0002                             |         |
| -30                 | Normal Voltage    | 0.0010                             |         |
| 20                  | Maximum Voltage   | 0.0009                             |         |
| 20                  | Normal Voltage    | 0.0004                             |         |
| 20                  | Battery End Point | 0.0005                             |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 12 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0024                              | PASS    |
| 40                  | Normal Voltage    | 0.0107                              |         |
| 30                  | Normal Voltage    | 0.0120                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0093                              |         |
| 0                   | Normal Voltage    | 0.0014                              |         |
| -10                 | Normal Voltage    | 0.0013                              |         |
| -20                 | Normal Voltage    | 0.0075                              |         |
| -30                 | Normal Voltage    | 0.0103                              |         |
| 20                  | Maximum Voltage   | 0.0018                              |         |
| 20                  | Normal Voltage    | 0.0114                              |         |
| 20                  | Battery End Point | 0.0069                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                         | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                          | 3759              | -55.45       | -13           | -42.45            | -58.96            | -60.44             | 1.88                 | 6.87                  | H                  |
|                                                 | 5637              | -63.23       | -13           | -50.23            | -71.42            | -70.53             | 2.38                 | 9.68                  | H                  |
|                                                 | 7518              | -59.42       | -13           | -46.42            | -71.45            | -68.49             | 2.74                 | 11.81                 | H                  |
|                                                 | 3759              | -55.07       | -13           | -42.07            | -58.86            | -60.06             | 1.88                 | 6.87                  | V                  |
|                                                 | 5637              | -62.97       | -13           | -49.97            | -71.54            | -70.27             | 2.38                 | 9.68                  | V                  |
|                                                 | 7518              | -60.88       | -13           | -47.88            | -71.59            | -69.95             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 3756              | -49.86       | -13           | -36.86            | -55.93            | -54.85             | 1.88                 | 6.87                  | H                  |
|                                               | 5636.22           | -63.30       | -13           | -50.30            | -71.49            | -70.60             | 2.38                 | 9.68                  | H                  |
|                                               | 7515              | -60.14       | -13           | -47.14            | -72.17            | -69.21             | 2.74                 | 11.81                 | H                  |
|                                               | 3756              | -52.59       | -13           | -39.59            | -57.58            | -57.58             | 1.88                 | 6.87                  | V                  |
|                                               | 5637              | -62.95       | -13           | -49.95            | -71.52            | -70.25             | 2.38                 | 9.68                  | V                  |
|                                               | 7515              | -61.58       | -13           | -48.58            | -72.29            | -70.65             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( 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              | -48.16       | -13           | -35.16            | -55.02            | -53.15             | 1.88                 | 6.87                  | H                  |
|                                               | 5634              | -63.94       | -13           | -50.94            | -72.13            | -71.24             | 2.38                 | 9.68                  | H                  |
|                                               | 7512              | -60.60       | -13           | -47.60            | -72.63            | -69.67             | 2.74                 | 11.81                 | H                  |
|                                               | 3756              | -48.15       | -13           | -35.15            | -55.61            | -53.14             | 1.88                 | 6.87                  | V                  |
|                                               | 5634              | -63.41       | -13           | -50.41            | -71.98            | -70.71             | 2.38                 | 9.68                  | V                  |
|                                               | 7512              | -61.10       | -13           | -48.10            | -71.81            | -70.17             | 2.74                 | 11.81                 | V                  |

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



| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( 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              | -49.42       | -13           | -36.42            | -55.67            | -54.41             | 1.88                 | 6.87                  | H                  |
|                                                | 5628              | -63.80       | -13           | -50.80            | -71.99            | -71.10             | 2.38                 | 9.68                  | H                  |
|                                                | 7503              | -59.48       | -13           | -46.48            | -71.51            | -68.55             | 2.74                 | 11.81                 | H                  |
|                                                | 3750              | -50.70       | -13           | -37.70            | -56.91            | -55.69             | 1.88                 | 6.87                  | V                  |
|                                                | 5628              | -63.06       | -13           | -50.06            | -71.63            | -70.36             | 2.38                 | 9.68                  | V                  |
|                                                | 7503              | -62.68       | -13           | -49.68            | -73.39            | -71.75             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( 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              | -54.68       | -13           | -41.68            | -58.23            | -59.67             | 1.88                 | 6.87                  | H                  |
|                                                | 5619              | -63.00       | -13           | -50.00            | -71.19            | -70.30             | 2.38                 | 9.68                  | H                  |
|                                                | 7494              | -61.31       | -13           | -48.31            | -73.34            | -70.38             | 2.74                 | 11.81                 | H                  |
|                                                | 3747              | -56.29       | -13           | -43.29            | -60.08            | -61.28             | 1.88                 | 6.87                  | V                  |
|                                                | 5619              | -62.37       | -13           | -49.37            | -70.94            | -69.67             | 2.38                 | 9.68                  | V                  |
|                                                | 7494              | -62.13       | -13           | -49.13            | -72.84            | -71.20             | 2.74                 | 11.81                 | V                  |

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

| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( 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              | -53.96       | -13           | -40.96            | -57.63            | -58.95             | 1.88                 | 6.87                  | H                  |
|                                                | 5613.27           | -63.62       | -13           | -50.62            | -71.81            | -70.92             | 2.38                 | 9.68                  | H                  |
|                                                | 7485              | -60.63       | -13           | -47.63            | -72.66            | -69.70             | 2.74                 | 11.81                 | H                  |
|                                                | 3741              | -55.01       | -13           | -42.01            | -58.8             | -60.00             | 1.88                 | 6.87                  | V                  |
|                                                | 5613              | -62.55       | -13           | -49.55            | -71.12            | -69.85             | 2.38                 | 9.68                  | V                  |
|                                                | 7485              | -62.52       | -13           | -49.52            | -73.23            | -71.59             | 2.74                 | 11.81                 | V                  |

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



| LTE Band 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              | -49.43       | -13           | -36.43            | -56.22            | -54.32             | 1.81                 | 6.70                  | H                  |
|                                                 | 5196              | -60.91       | -13           | -47.91            | -73.59            | -67.81             | 2.23                 | 9.13                  | H                  |
|                                                 | 6927              | -54.15       | -13           | -41.15            | -69.33            | -62.21             | 2.60                 | 10.66                 | H                  |
|                                                 | 3465              | -52.38       | -13           | -39.38            | -57.58            | -57.27             | 1.81                 | 6.70                  | V                  |
|                                                 | 5196              | -60.27       | -13           | -47.27            | -73.82            | -67.17             | 2.23                 | 9.13                  | V                  |
|                                                 | 6927              | -54.79       | -13           | -41.79            | -69.84            | -62.85             | 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              | -49.37       | -13           | -36.37            | -56.16            | -54.26             | 1.81                 | 6.70                  | H                  |
|                                               | 5193              | -61.15       | -13           | -48.15            | -73.83            | -68.05             | 2.23                 | 9.13                  | H                  |
|                                               | 6924              | -53.67       | -13           | -40.67            | -68.85            | -61.73             | 2.60                 | 10.66                 | H                  |
|                                               | 3462              | -54.59       | -13           | -41.59            | -59.79            | -59.48             | 1.81                 | 6.70                  | V                  |
|                                               | 5193              | -60.22       | -13           | -47.22            | -73.77            | -67.12             | 2.23                 | 9.13                  | V                  |
|                                               | 6924              | -54.28       | -13           | -41.28            | -69.33            | -62.34             | 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                                        | 3460              | -51.07       | -13           | -38.07            | -57.86            | -55.96             | 1.81                 | 6.70                  | H                  |
|                                               | 5191              | -60.92       | -13           | -47.92            | -73.60            | -67.82             | 2.23                 | 9.13                  | H                  |
|                                               | 6921              | -54.07       | -13           | -41.07            | -69.25            | -62.13             | 2.60                 | 10.66                 | H                  |
|                                               | 3460              | -55.95       | -13           | -42.95            | -61.15            | -60.84             | 1.81                 | 6.70                  | V                  |
|                                               | 5191              | -60.07       | -13           | -47.07            | -73.62            | -66.97             | 2.23                 | 9.13                  | V                  |
|                                               | 6921              | -56.45       | -13           | -43.45            | -71.5             | -64.51             | 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              | -48.55       | -13           | -35.55            | -55.34            | -53.44             | 1.81                 | 6.70                  | H                  |
|                                                | 5184              | -60.42       | -13           | -47.42            | -73.10            | -67.32             | 2.23                 | 9.13                  | H                  |
|                                                | 6912              | -55.66       | -13           | -42.66            | -70.84            | -63.72             | 2.60                 | 10.66                 | H                  |
|                                                | 3456              | -53.84       | -13           | -40.84            | -59.04            | -58.73             | 1.81                 | 6.70                  | V                  |
|                                                | 5184              | -60.19       | -13           | -47.19            | -73.74            | -67.09             | 2.23                 | 9.13                  | V                  |
|                                                | 6912              | -55.63       | -13           | -42.63            | -70.68            | -63.69             | 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                                         | 3450              | -53.26       | -13           | -40.26            | -60.05            | -58.15             | 1.81                 | 6.70                  | H                  |
|                                                | 5178              | -61.01       | -13           | -48.01            | -73.69            | -67.91             | 2.23                 | 9.13                  | H                  |
|                                                | 6903              | -53.69       | -13           | -40.69            | -68.87            | -61.75             | 2.60                 | 10.66                 | H                  |
|                                                | 3450              | -55.53       | -13           | -42.53            | -60.73            | -60.42             | 1.81                 | 6.70                  | V                  |
|                                                | 5178              | -60.07       | -13           | -47.07            | -73.62            | -66.97             | 2.23                 | 9.13                  | V                  |
|                                                | 6903              | -52.27       | -13           | -39.27            | -67.32            | -60.33             | 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              | -51.34       | -13           | -38.34            | -58.13            | -56.23             | 1.81                 | 6.70                  | H                  |
|                                                | 5178              | -61.40       | -13           | -48.40            | -74.08            | -68.30             | 2.23                 | 9.13                  | H                  |
|                                                | 6894              | -53.61       | -13           | -40.61            | -68.79            | -61.67             | 2.60                 | 10.66                 | H                  |
|                                                | 3447              | -52.90       | -13           | -39.90            | -58.1             | -57.79             | 1.81                 | 6.70                  | V                  |
|                                                | 5178              | -60.06       | -13           | -47.06            | -73.61            | -66.96             | 2.23                 | 9.13                  | V                  |
|                                                | 6894              | -52.00       | -13           | -39.00            | -67.05            | -60.06             | 2.6                  | 10.66                 | V                  |

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



| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                         | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                          | 1672              | -65.99      | -13           | -52.99            | -64.62            | -67.85             | 1.19                 | 5.20                  | H                  |
|                                                 | 2508              | -56.06      | -13           | -43.06            | -59.05            | -58.28             | 1.53                 | 5.90                  | H                  |
|                                                 | 3343              | -67.64      | -13           | -54.64            | -71.59            | -70.43             | 1.76                 | 6.70                  | H                  |
|                                                 | 1672              | -66.42      | -13           | -53.42            | -64.38            | -68.28             | 1.19                 | 5.20                  | V                  |
|                                                 | 2508              | -60.33      | -13           | -47.33            | -62.31            | -62.55             | 1.53                 | 5.90                  | V                  |
|                                                 | 3343              | -68.84      | -13           | -55.84            | -72.16            | -71.63             | 1.76                 | 6.70                  | V                  |

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

| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 1670              | -64.49      | -13           | -51.49            | -63.12            | -66.35             | 1.19                 | 5.20                  | H                  |
|                                               | 2506              | -57.54      | -13           | -44.54            | -60.53            | -59.76             | 1.53                 | 5.90                  | H                  |
|                                               | 3341              | -68.48      | -13           | -55.48            | -72.43            | -71.27             | 1.76                 | 6.70                  | H                  |
|                                               | 1670              | -65.85      | -13           | -52.85            | -63.81            | -67.71             | 1.19                 | 5.20                  | V                  |
|                                               | 2506              | -60.54      | -13           | -47.54            | -62.52            | -62.76             | 1.53                 | 5.90                  | V                  |
|                                               | 3341              | -69.32      | -13           | -56.32            | -72.64            | -72.11             | 1.76                 | 6.70                  | V                  |

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



| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( 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              | -65.91      | -13           | -52.91            | -64.54            | -67.77             | 1.19                 | 5.20                  | H                  |
|                                               | 2502              | -55.80      | -13           | -42.80            | -58.79            | -58.02             | 1.53                 | 5.90                  | H                  |
|                                               | 3336              | -68.42      | -13           | -55.42            | -72.37            | -71.21             | 1.76                 | 6.70                  | H                  |
|                                               | 1668              | -62.29      | -13           | -49.29            | -60.25            | -64.15             | 1.19                 | 5.20                  | V                  |
|                                               | 2502              | -56.82      | -13           | -43.82            | -58.8             | -59.04             | 1.53                 | 5.90                  | V                  |
|                                               | 3336              | -69.17      | -13           | -56.17            | -72.49            | -71.96             | 1.76                 | 6.70                  | V                  |

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

| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 1664.18           | -67.92      | -13           | -54.92            | -66.55            | -69.78             | 1.19                 | 5.20                  | H                  |
|                                                | 2496              | -49.00      | -13           | -36.00            | -53.09            | -51.22             | 1.53                 | 5.90                  | H                  |
|                                                | 3327              | -68.42      | -13           | -55.42            | -72.37            | -71.21             | 1.76                 | 6.70                  | H                  |
|                                                | 1664              | -67.51      | -13           | -54.51            | -65.47            | -69.37             | 1.19                 | 5.20                  | V                  |
|                                                | 2496              | -57.97      | -13           | -44.97            | -59.95            | -60.19             | 1.53                 | 5.90                  | V                  |
|                                                | 3327              | -68.03      | -13           | -55.03            | -71.35            | -70.82             | 1.76                 | 6.70                  | V                  |

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



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 5064              | -65.35       | -25           | -40.35            | -74.57            | -71.91             | 2.41                 | 8.97                  | H                  |
|                                               | 7600              | -61.69       | -25           | -36.69            | -75.39            | -70.69             | 2.86                 | 11.86                 | H                  |
|                                               | 10134             | -58.87       | -25           | -33.87            | -77.22            | -67.77             | 3.21                 | 12.11                 | H                  |
|                                               | 5064              | -66.35       | -25           | -41.35            | -75.06            | -72.91             | 2.41                 | 8.97                  | V                  |
|                                               | 7600              | -61.34       | -25           | -36.34            | -75.97            | -70.34             | 2.86                 | 11.86                 | V                  |
|                                               | 10134             | -57.32       | -25           | -32.32            | -76.72            | -66.22             | 3.21                 | 12.11                 | V                  |

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

| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 5060              | -65.10       | -25           | -40.10            | -74.32            | -71.66             | 2.41                 | 8.97                  | H                  |
|                                                | 7592              | -61.07       | -25           | -36.07            | -74.77            | -70.07             | 2.86                 | 11.86                 | H                  |
|                                                | 10125             | -58.71       | -25           | -33.71            | -77.06            | -67.61             | 3.21                 | 12.11                 | H                  |
|                                                | 5060              | -65.26       | -25           | -40.26            | -73.97            | -71.82             | 2.41                 | 8.97                  | V                  |
|                                                | 7592              | -60.29       | -25           | -35.29            | -74.92            | -69.29             | 2.86                 | 11.86                 | V                  |
|                                                | 10125             | -57.50       | -25           | -32.50            | -76.9             | -66.40             | 3.21                 | 12.11                 | V                  |

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



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5056                 | -65.41          | -25              | -40.41                  | -74.63                  | -71.97                   | 2.41                       | 8.97                        | H                     |
|                                                | 7584                 | -61.90          | -25              | -36.90                  | -75.60                  | -70.90                   | 2.86                       | 11.86                       | H                     |
|                                                | 10116                | -58.38          | -25              | -33.38                  | -76.73                  | -67.28                   | 3.21                       | 12.11                       | H                     |
|                                                | 5056                 | -65.74          | -25              | -40.74                  | -74.45                  | -72.30                   | 2.41                       | 8.97                        | V                     |
|                                                | 7584                 | -61.76          | -25              | -36.76                  | -76.39                  | -70.76                   | 2.86                       | 11.86                       | V                     |
|                                                | 10116                | -56.94          | -25              | -31.94                  | -76.34                  | -65.84                   | 3.21                       | 12.11                       | V                     |

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

| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5052                 | -64.73          | -25              | -39.73                  | -73.95                  | -71.29                   | 2.41                       | 8.97                        | H                     |
|                                                | 7580                 | -62.20          | -25              | -37.20                  | -75.90                  | -71.20                   | 2.86                       | 11.86                       | H                     |
|                                                | 10107                | -57.88          | -25              | -32.88                  | -76.23                  | -66.78                   | 3.21                       | 12.11                       | H                     |
|                                                | 5052                 | -66.02          | -25              | -41.02                  | -74.73                  | -72.58                   | 2.41                       | 8.97                        | V                     |
|                                                | 7580                 | -60.45          | -25              | -35.45                  | -75.08                  | -69.45                   | 2.86                       | 11.86                       | V                     |
|                                                | 10107                | -56.86          | -25              | -31.86                  | -76.26                  | -65.76                   | 3.21                       | 12.11                       | V                     |

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



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                          | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                           | 1414              | -70.85      | -13           | -57.85            | -66.69            | -71.75             | 1.14                 | 4.19                  | H                  |
|                                                  | 2120              | -42.54      | -13           | -29.54            | -48.51            | -44.00             | 1.4                  | 5.01                  | H                  |
|                                                  | 2828              | -62.98      | -13           | -49.98            | -63.62            | -65.51             | 1.63                 | 6.31                  | H                  |
|                                                  | 1414              | -72.31      | -13           | -59.31            | -67.18            | -73.21             | 1.14                 | 4.19                  | V                  |
|                                                  | 2120              | -61.87      | -13           | -48.87            | -59.99            | -63.33             | 1.4                  | 5.01                  | V                  |
|                                                  | 2828              | -65.17      | -13           | -52.17            | -67.29            | -67.70             | 1.63                 | 6.31                  | V                  |

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

| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 1412              | -70.50      | -13           | -57.50            | -66.34            | -71.40             | 1.14                 | 4.19                  | H                  |
|                                                | 2118              | -43.11      | -13           | -30.11            | -48.94            | -44.57             | 1.4                  | 5.01                  | H                  |
|                                                | 2824              | -63.28      | -13           | -50.28            | -63.92            | -65.81             | 1.63                 | 6.31                  | H                  |
|                                                | 1412              | -72.16      | -13           | -59.16            | -67.03            | -73.06             | 1.14                 | 4.19                  | V                  |
|                                                | 2118              | -60.72      | -13           | -47.72            | -58.84            | -62.18             | 1.4                  | 5.01                  | V                  |
|                                                | 2824              | -64.29      | -13           | -51.29            | -66.41            | -66.82             | 1.63                 | 6.31                  | V                  |

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



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 1410              | -71.03      | -13           | -58.03            | -66.87            | -71.93             | 1.14                 | 4.19                  | H                  |
|                                                | 2116              | -51.04      | -13           | -38.04            | -54.79            | -52.50             | 1.4                  | 5.01                  | H                  |
|                                                | 2821              | -64.42      | -13           | -51.42            | -65.06            | -66.95             | 1.63                 | 6.31                  | H                  |
|                                                | 1410              | -71.18      | -13           | -58.18            | -66.05            | -72.08             | 1.14                 | 4.19                  | V                  |
|                                                | 2116              | -63.65      | -13           | -50.65            | -61.77            | -65.11             | 1.4                  | 5.01                  | V                  |
|                                                | 2781              | -64.83      | -13           | -51.83            | -66.95            | -67.36             | 1.63                 | 6.31                  | V                  |

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

| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                         | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                          | 1406              | -71.58      | -13           | -58.58            | -67.42            | -72.48             | 1.14                 | 4.19                  | H                  |
|                                                 | 2108              | -37.98      | -13           | -24.98            | -44.54            | -39.44             | 1.4                  | 5.01                  | H                  |
|                                                 | 2812              | -63.55      | -13           | -50.55            | -64.19            | -66.08             | 1.63                 | 6.31                  | H                  |
|                                                 | 1406              | -72.72      | -13           | -59.72            | -67.59            | -73.62             | 1.14                 | 4.19                  | V                  |
|                                                 | 2108              | -59.17      | -13           | -46.17            | -57.57            | -60.63             | 1.4                  | 5.01                  | V                  |
|                                                 | 2812              | -64.74      | -13           | -51.74            | -66.86            | -67.27             | 1.63                 | 6.31                  | V                  |

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