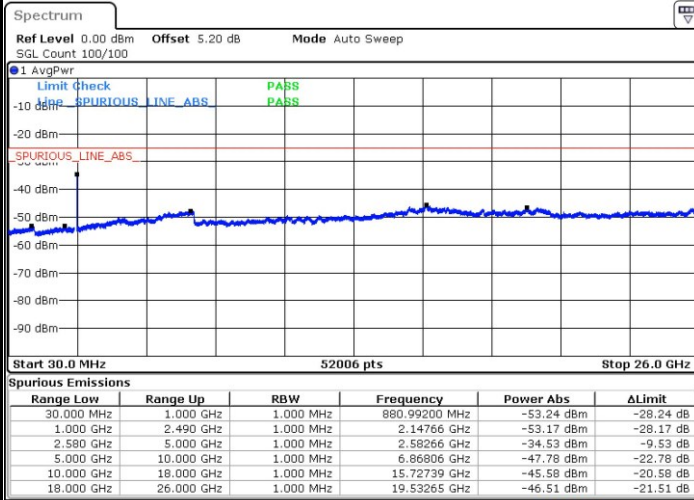




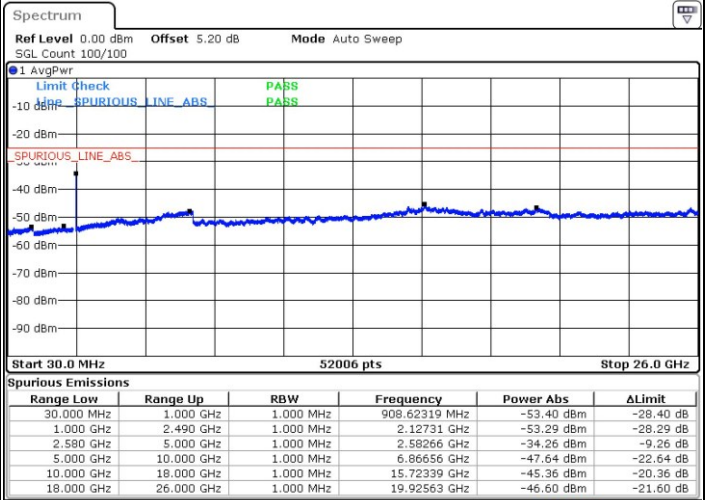
## LTE Band7 / 15MHz

## Highest Channel / QPSK



Date: 15 MAR 2019 14:42:47

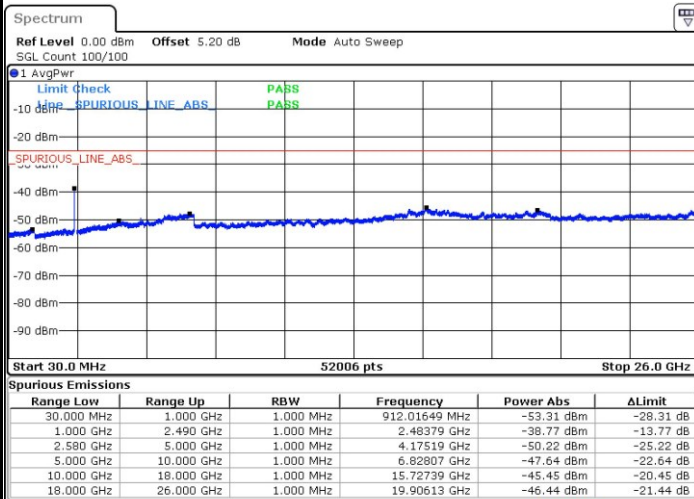
## Highest Channel / 16QAM



Date: 15 MAR 2019 14:43:36

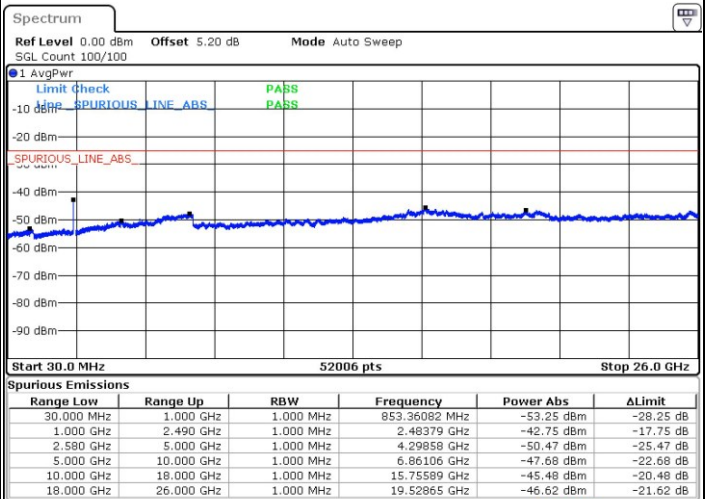
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 15 MAR 2019 15:11:48

## Lowest Channel / 16QAM

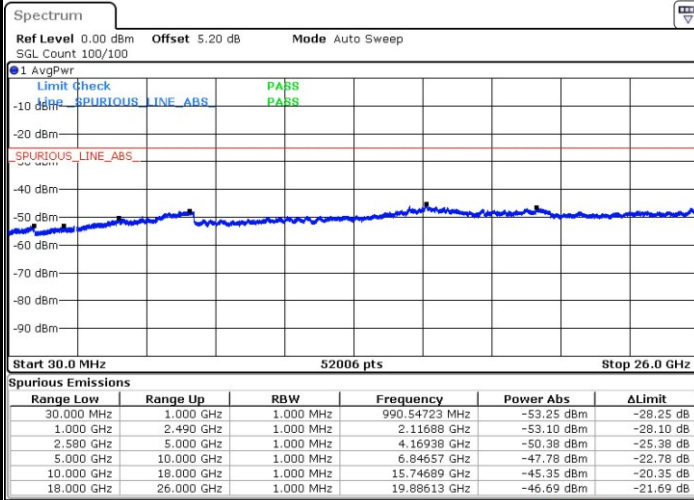


Date: 15 MAR 2019 15:30:21



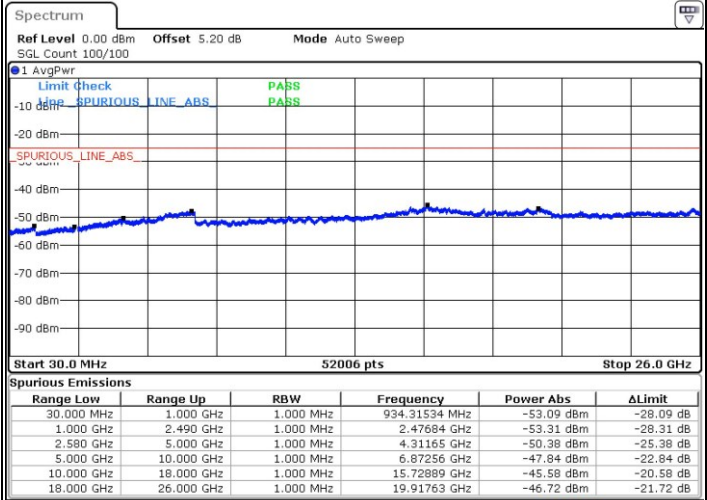
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



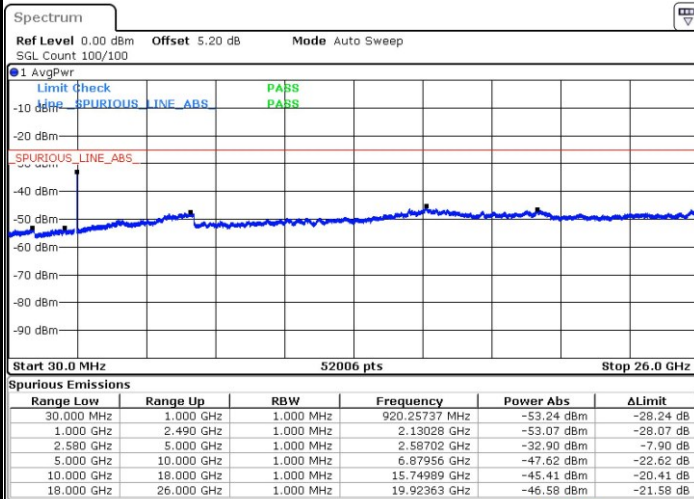
Date: 15 MAR 2019 15:32:16

## Middle Channel / 16QAM



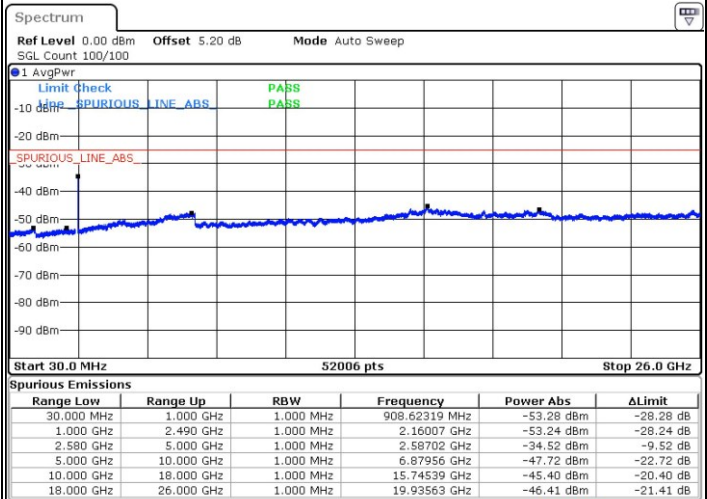
Date: 15 MAR 2019 15:33:10

## Highest Channel / QPSK



Date: 15 MAR 2019 15:35:06

## Highest Channel / 16QAM

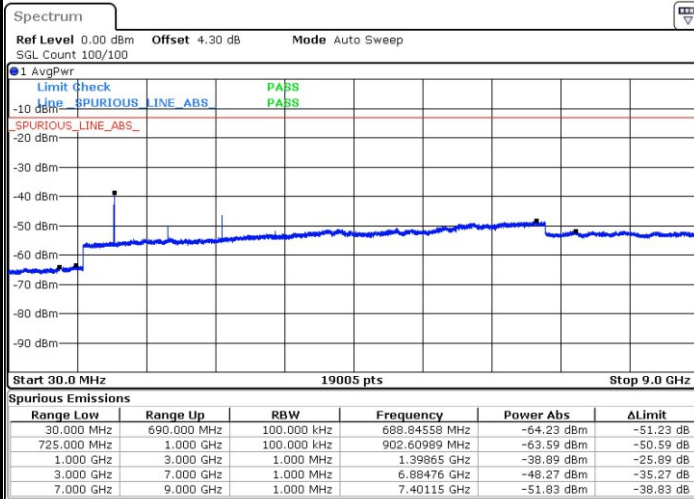


Date: 15 MAR 2019 15:35:59



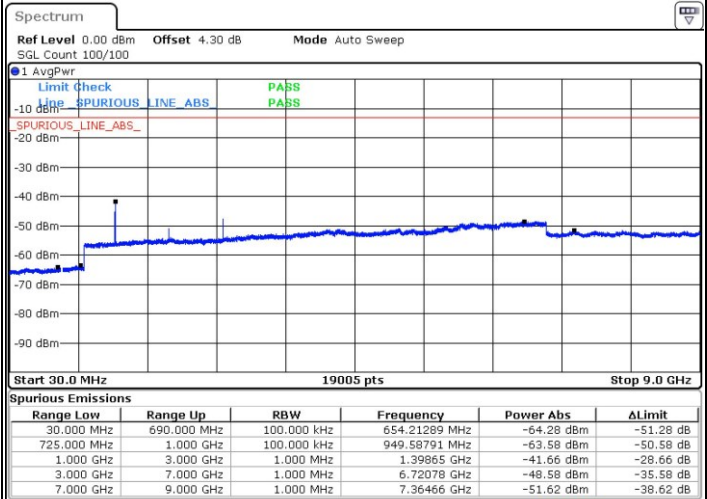
## LTE Band 12 / 1.4MHz

## Lowest Channel / QPSK



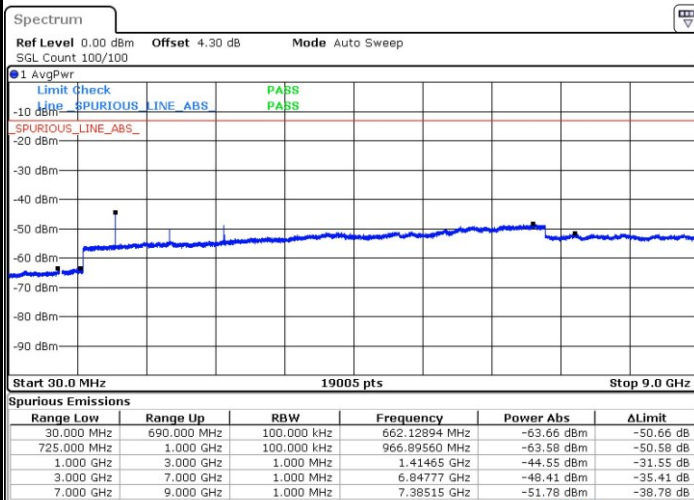
Date: 15 MAR 2019 16:25:23

## Lowest Channel / 16QAM



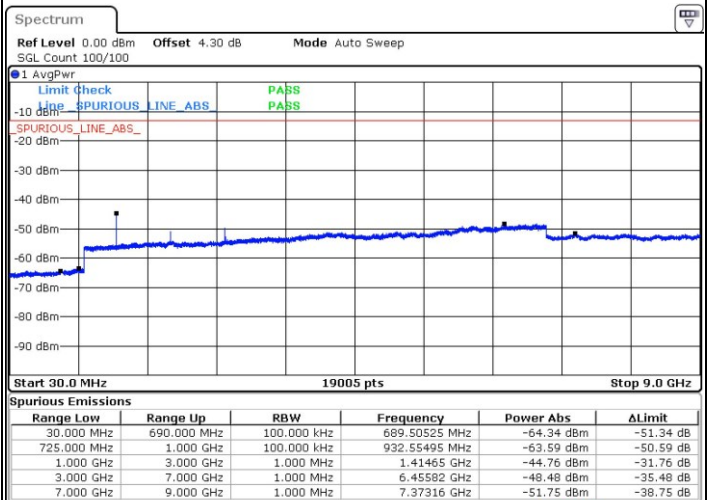
Date: 15 MAR 2019 16:25:52

## Middle Channel / QPSK



Date: 15 MAR 2019 16:26:52

## Middle Channel / 16QAM

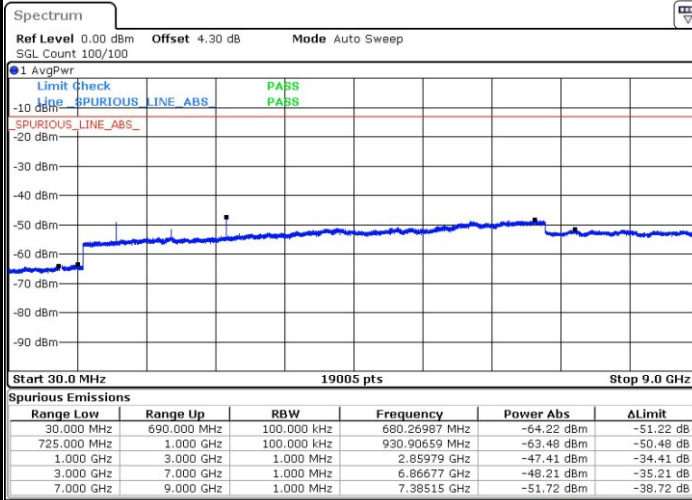


Date: 15 MAR 2019 16:27:21



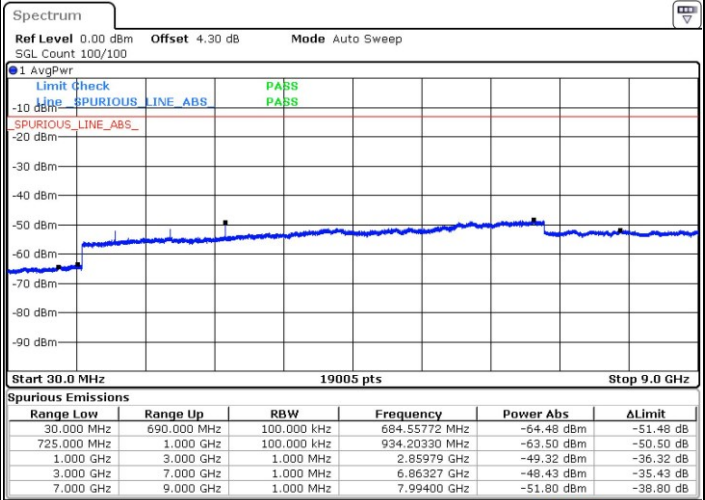
## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK



Date: 15 MAR 2019 16:28:20

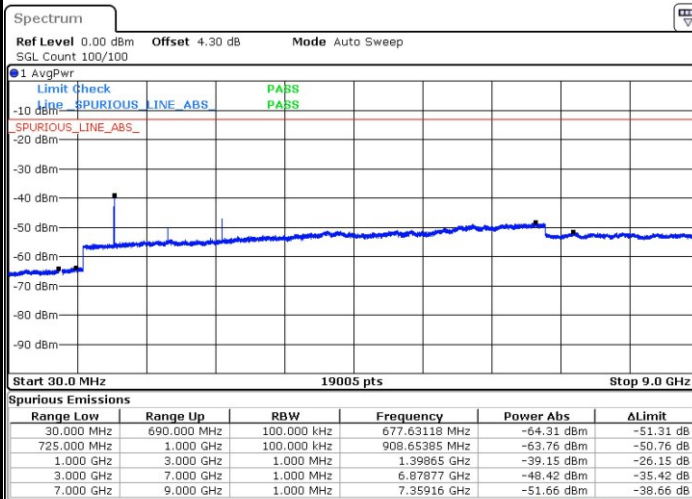
## Highest Channel / 16QAM



Date: 15 MAR 2019 16:29:04

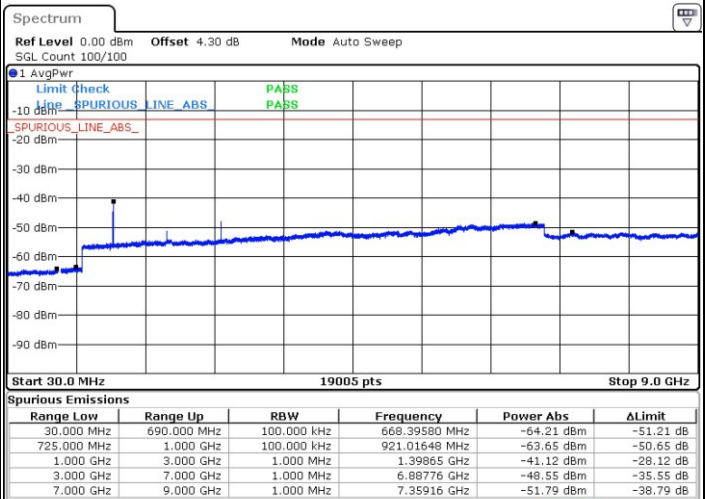
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK



Date: 15 MAR 2019 16:53:34

## Lowest Channel / 16QAM

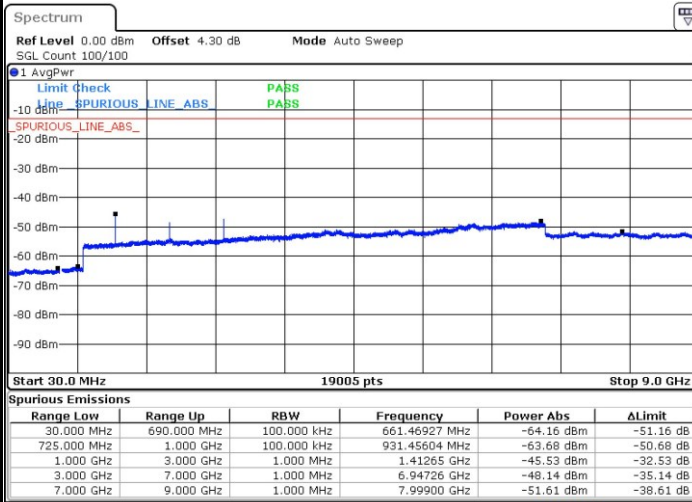


Date: 15 MAR 2019 16:55:07



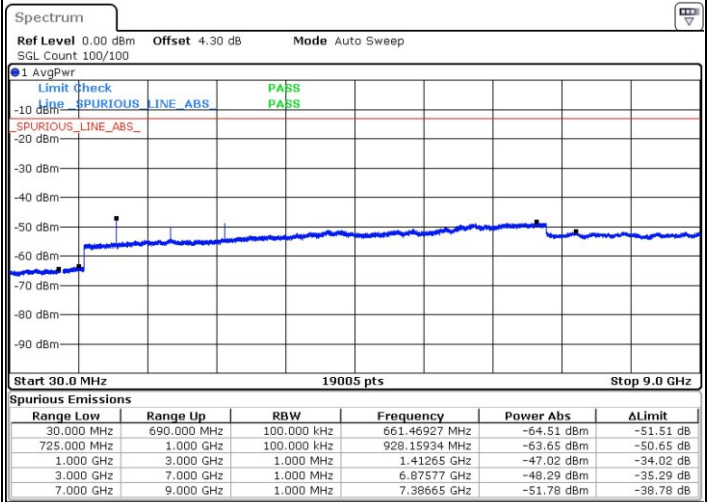
## LTE Band 12 / 3MHz

## Middle Channel / QPSK



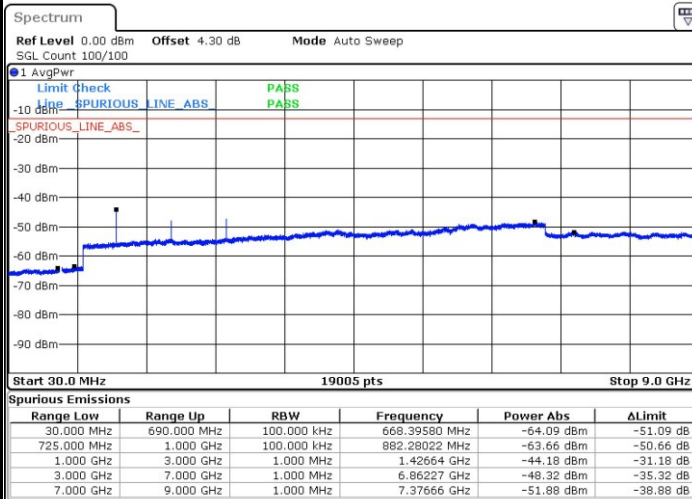
Date: 15 MAR 2019 16:56:19

## Middle Channel / 16QAM



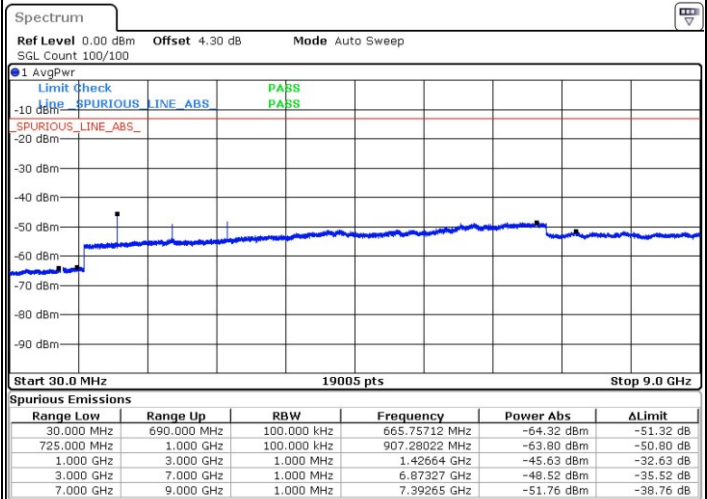
Date: 15 MAR 2019 16:56:54

## Highest Channel / QPSK



Date: 15 MAR 2019 16:59:23

## Highest Channel / 16QAM

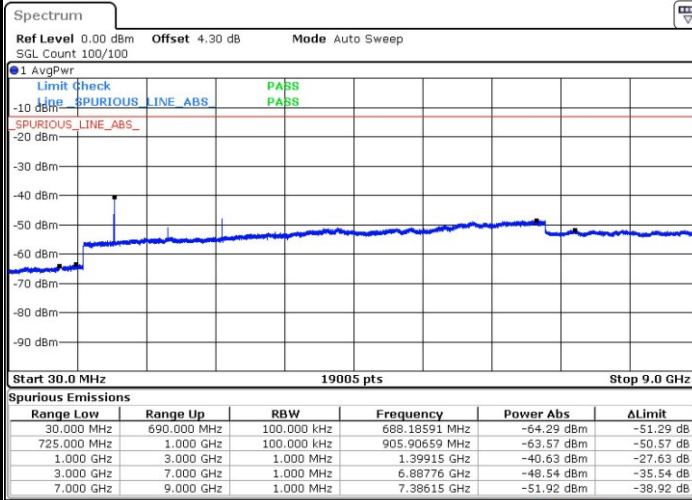


Date: 15 MAR 2019 16:59:51



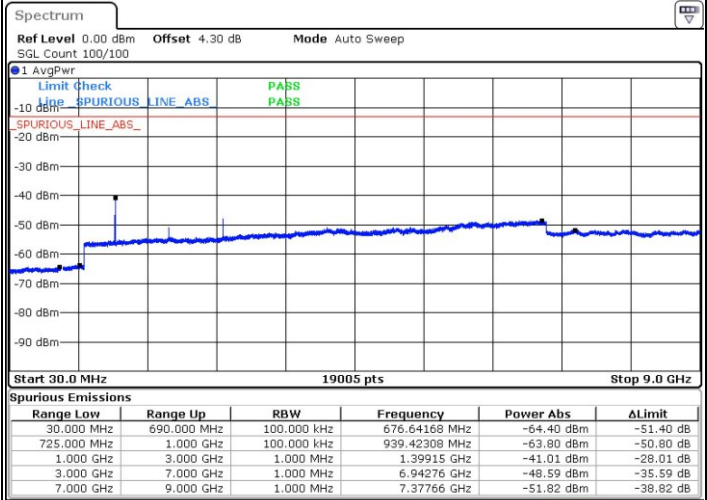
## LTE Band 12 / 5MHz

## Lowest Channel / QPSK



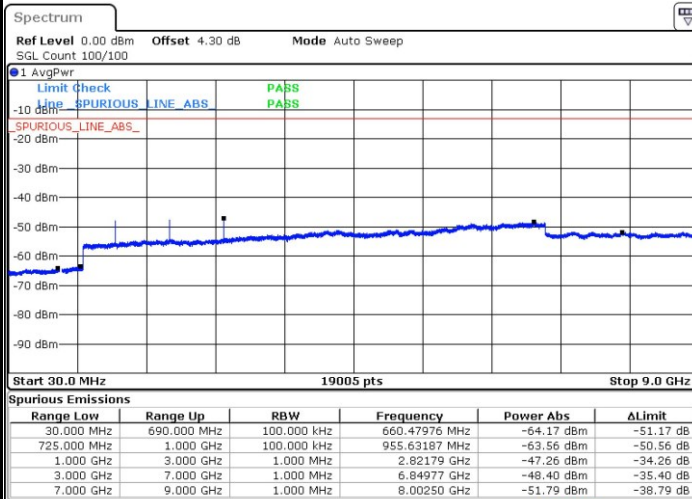
Date: 15 MAR 2019 17:16:08

## Lowest Channel / 16QAM



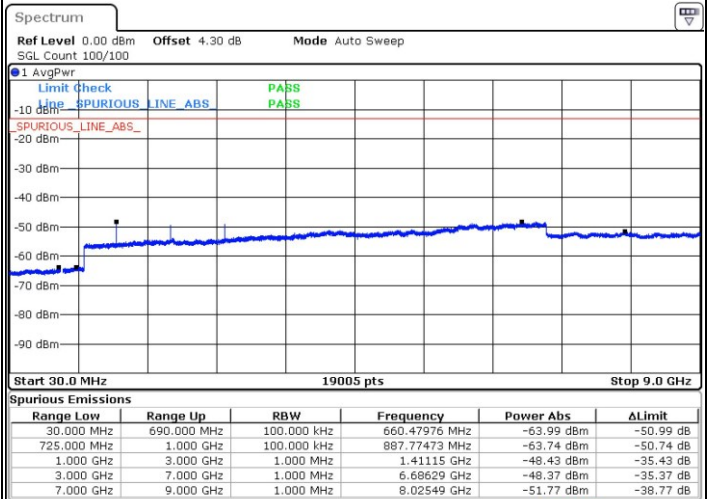
Date: 15 MAR 2019 17:17:47

## Middle Channel / QPSK



Date: 15 MAR 2019 17:18:45

## Middle Channel / 16QAM

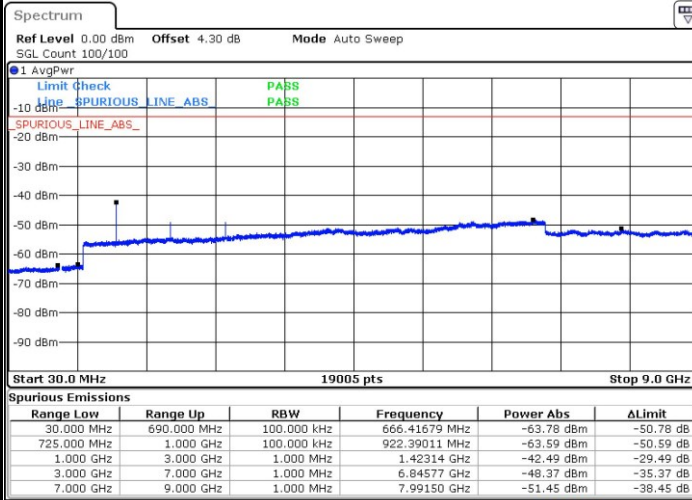


Date: 15 MAR 2019 17:19:13



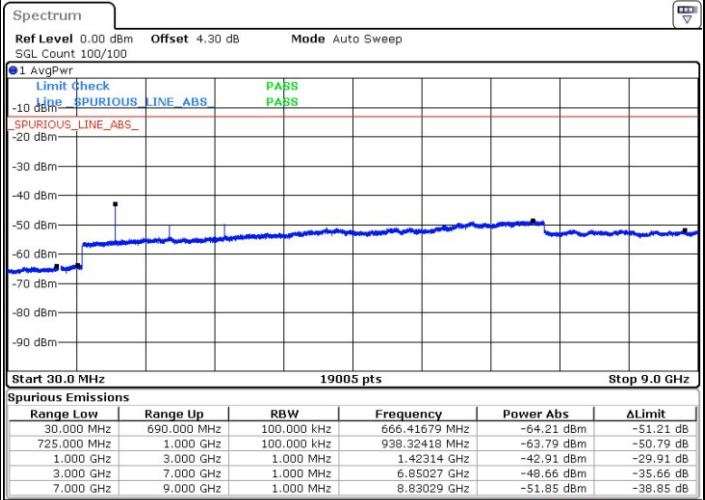
## LTE Band 12 / 5MHz

## Highest Channel / QPSK



Date: 15 MAR 2019 17:20:24

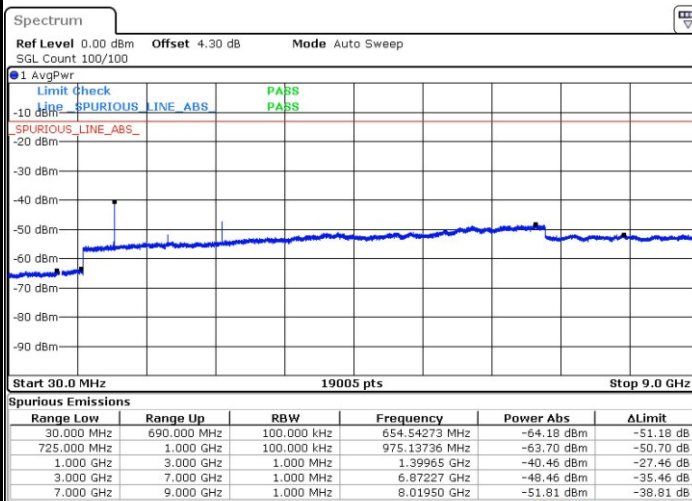
## Highest Channel / 16QAM



Date: 15 MAR 2019 17:20:53

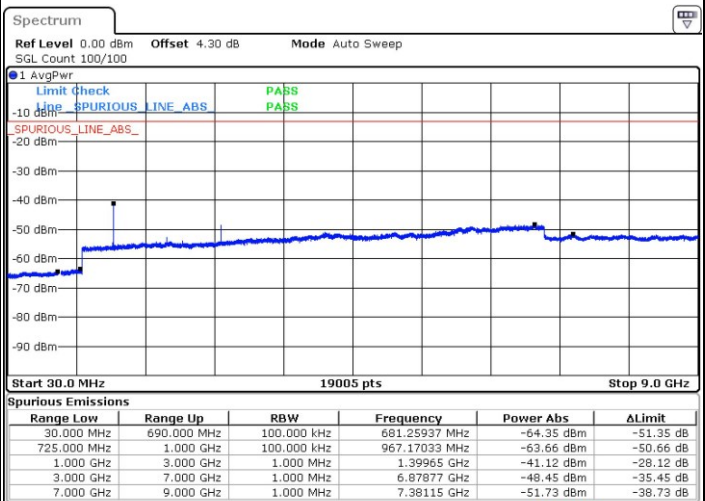
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK



Date: 15 MAR 2019 17:35:47

## Lowest Channel / 16QAM

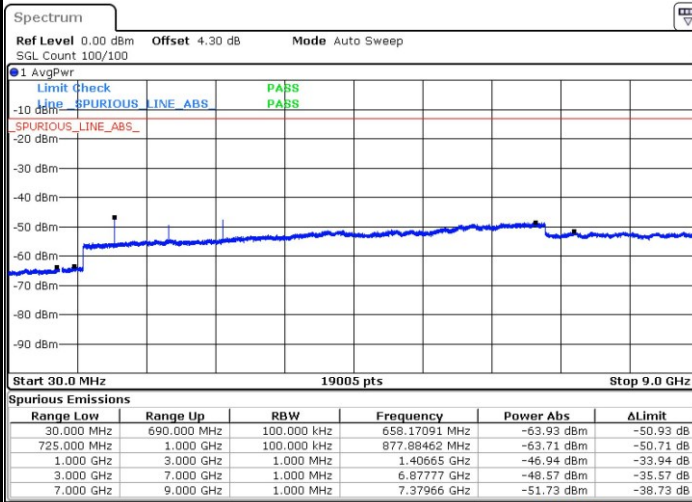


Date: 15 MAR 2019 17:37:39



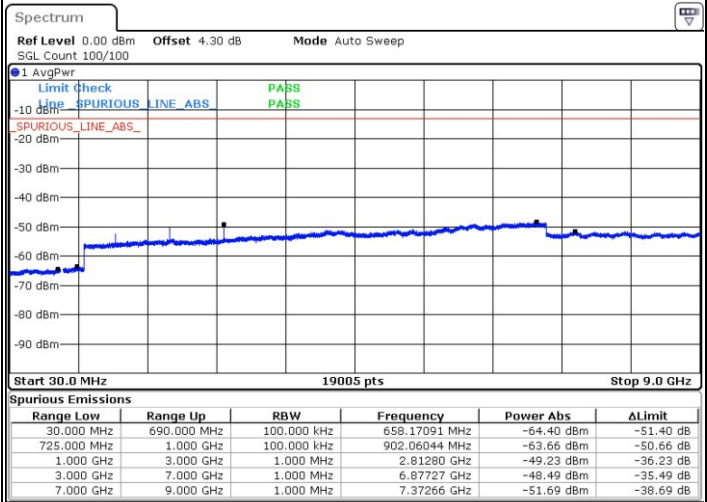
## LTE Band 12 / 10MHz

## Middle Channel / QPSK



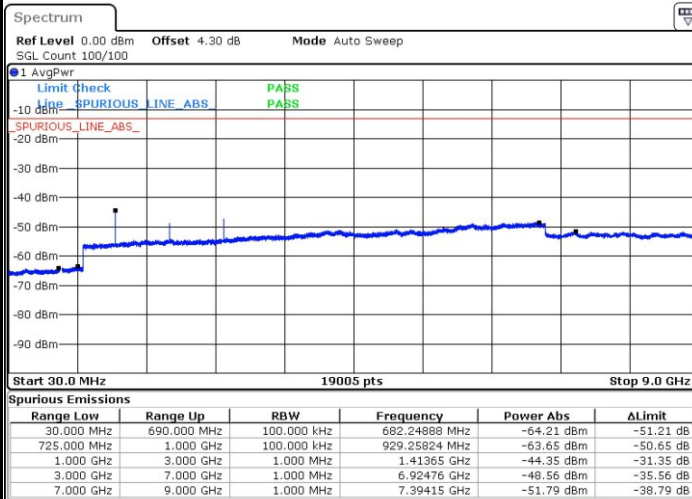
Date: 15 MAR 2019 17:38:43

## Middle Channel / 16QAM



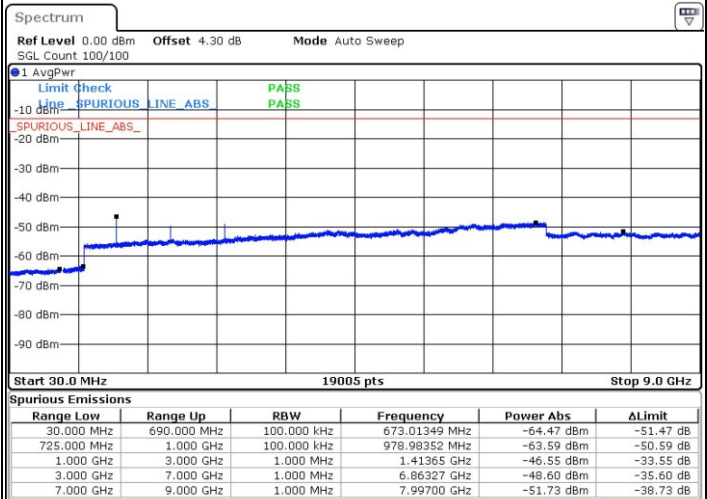
Date: 15 MAR 2019 17:39:13

## Highest Channel / QPSK



Date: 15 MAR 2019 17:40:16

## Highest Channel / 16QAM

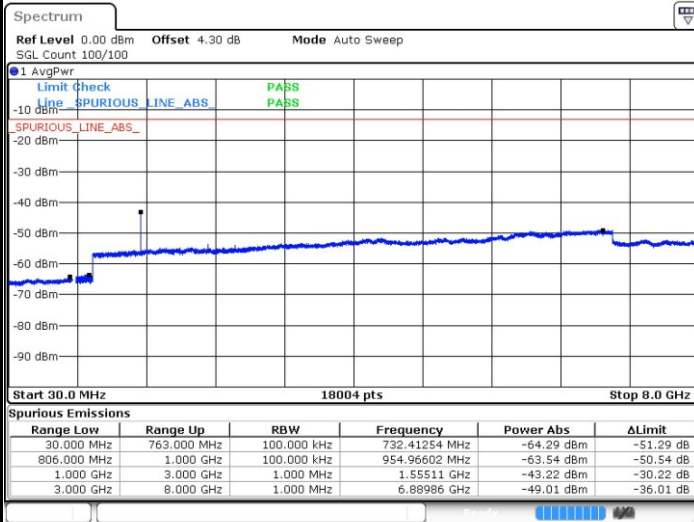


Date: 15 MAR 2019 17:40:43



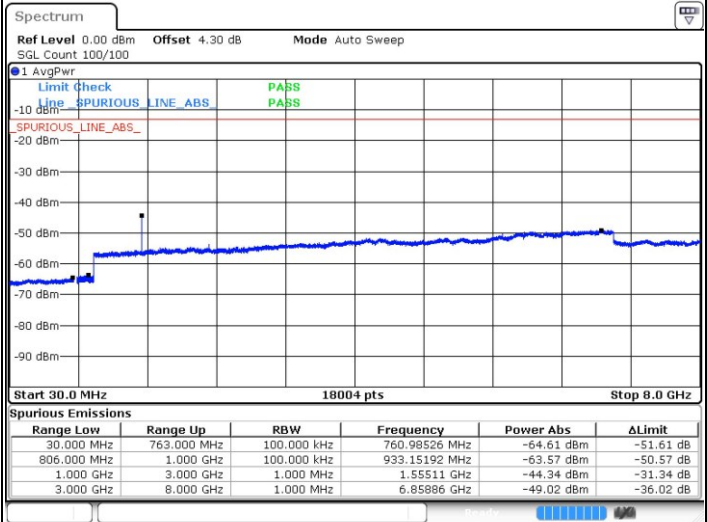
## LTE Band 13 / 5MHz

## Lowest Channel / QPSK



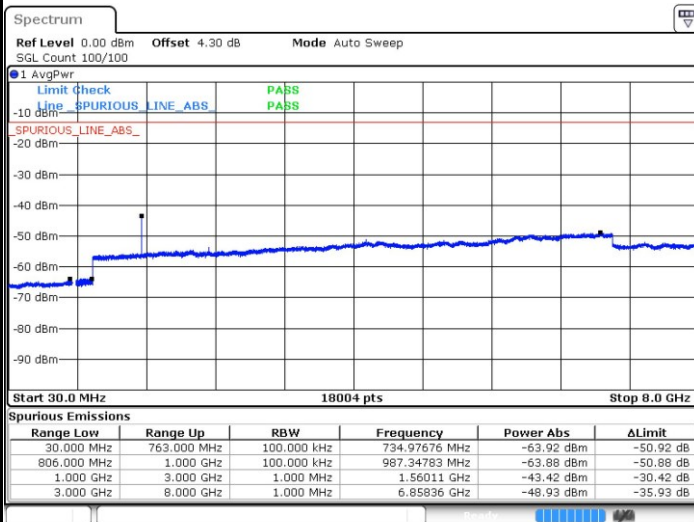
Date: 12 MAR 2019 19:56:21

## Lowest Channel / 16QAM



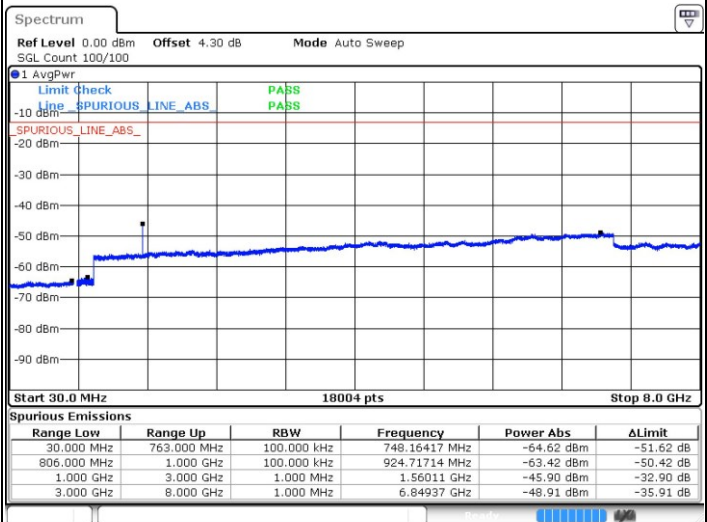
Date: 12 MAR 2019 19:57:14

## Middle Channel / QPSK



Date: 12 MAR 2019 20:00:05

## Middle Channel / 16QAM

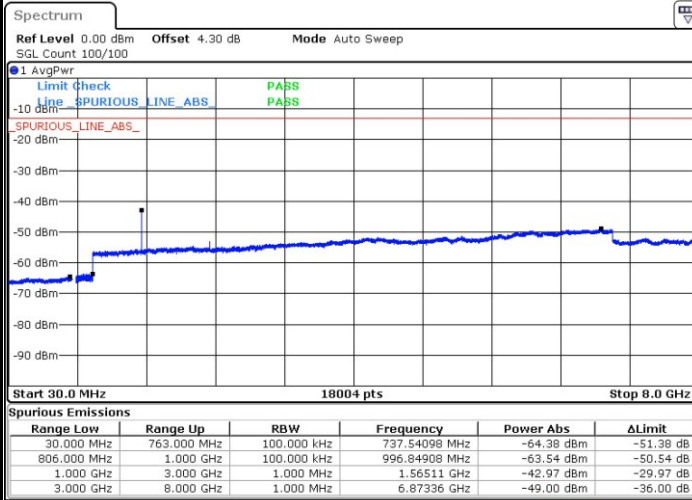


Date: 12 MAR 2019 20:00:41



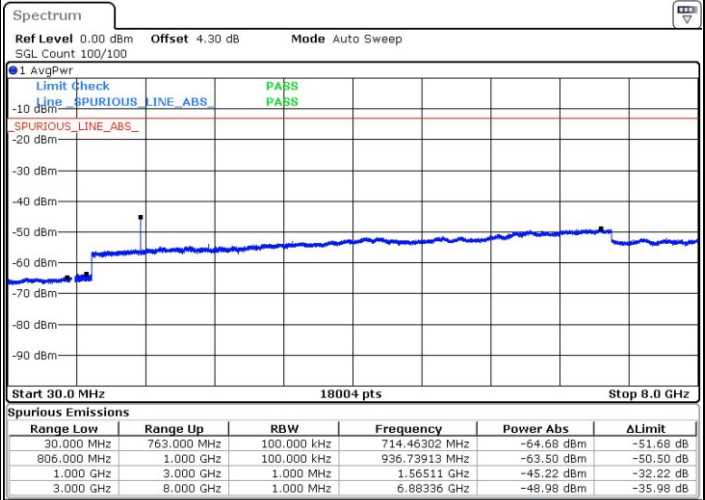
## LTE Band 13 / 5MHz

## Highest Channel / QPSK



Date: 12 MAR 2019 20:02:48

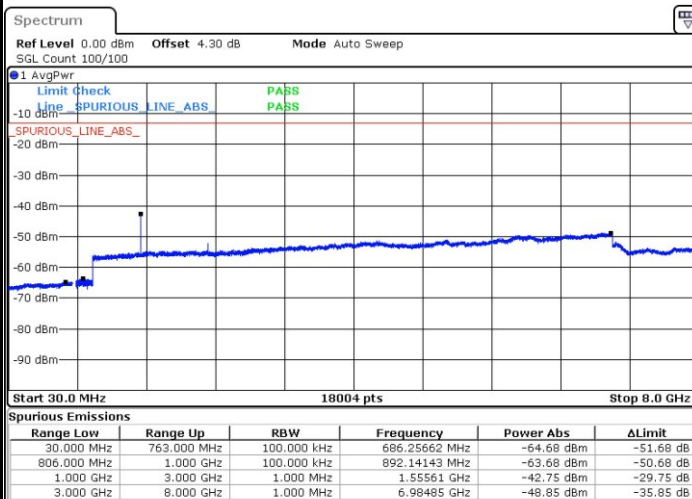
## Highest Channel / 16QAM



Date: 12 MAR 2019 20:04:19

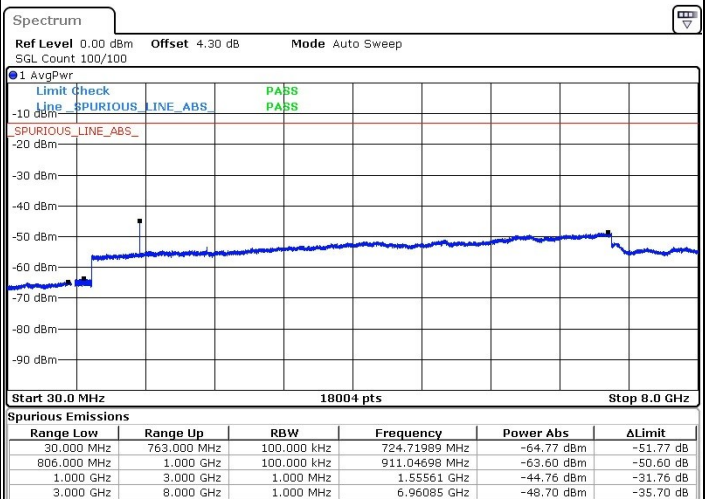
## LTE Band 13 / 10MHz

## Middle Channel / QPSK



Date: 13 MAR 2019 15:55:13

## Middle Channel / 16QAM



Date: 13 MAR 2019 16:02:06

## 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    | 0.0006                             | PASS    |
| 40               | Normal Voltage    | 0.0028                             |         |
| 30               | Normal Voltage    | 0.0009                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0018                             |         |
| 0                | Normal Voltage    | 0.0011                             |         |
| -10              | Normal Voltage    | 0.0018                             |         |
| -20              | Normal Voltage    | 0.0024                             |         |
| -30              | Normal Voltage    | 0.0029                             |         |
| 20               | Maximum Voltage   | 0.0004                             |         |
| 20               | Normal Voltage    | 0.0006                             |         |
| 20               | Battery End Point | 0.0017                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions  |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0023                             | PASS    |
| 40               | Normal Voltage    | 0.0015                             |         |
| 30               | Normal Voltage    | 0.0028                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0009                             |         |
| 0                | Normal Voltage    | 0.0012                             |         |
| -10              | Normal Voltage    | 0.0016                             |         |
| -20              | Normal Voltage    | 0.0022                             |         |
| -30              | Normal Voltage    | 0.0018                             |         |
| 20               | Maximum Voltage   | 0.0027                             |         |
| 20               | Normal Voltage    | 0.0033                             |         |
| 20               | Battery End Point | 0.0004                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 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    | 0.0017                             | PASS   |
| 40                  | Normal Voltage    | 0.0061                             |        |
| 30                  | Normal Voltage    | 0.0080                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0010                             |        |
| 0                   | Normal Voltage    | 0.0072                             |        |
| -10                 | Normal Voltage    | 0.0014                             |        |
| -20                 | Normal Voltage    | 0.0057                             |        |
| -30                 | Normal Voltage    | 0.0085                             |        |
| 20                  | Maximum Voltage   | 0.0054                             |        |
| 20                  | Normal Voltage    | 0.0071                             |        |
| 20                  | Battery End Point | 0.0002                             |        |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions  |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0023                             | PASS    |
| 40               | Normal Voltage    | 0.0028                             |         |
| 30               | Normal Voltage    | 0.0008                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0019                             |         |
| 0                | Normal Voltage    | 0.0032                             |         |
| -10              | Normal Voltage    | 0.0002                             |         |
| -20              | Normal Voltage    | 0.0004                             |         |
| -30              | Normal Voltage    | 0.0020                             |         |
| 20               | Maximum Voltage   | 0.0006                             |         |
| 20               | Normal Voltage    | 0.0024                             |         |
| 20               | Battery End Point | 0.0027                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 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    | 0.0011                              | PASS    |
| 40                  | Normal Voltage    | 0.0024                              |         |
| 30                  | Normal Voltage    | 0.0090                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0102                              |         |
| 0                   | Normal Voltage    | 0.0006                              |         |
| -10                 | Normal Voltage    | 0.0023                              |         |
| -20                 | Normal Voltage    | 0.0076                              |         |
| -30                 | Normal Voltage    | 0.0068                              |         |
| 20                  | Maximum Voltage   | 0.0011                              |         |
| 20                  | Normal Voltage    | 0.0007                              |         |
| 20                  | Battery End Point | 0.0106                              |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 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    | 0.0014                              | PASS    |
| 40                  | Normal Voltage    | 0.0004                              |         |
| 30                  | Normal Voltage    | 0.0047                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0054                              |         |
| 0                   | Normal Voltage    | 0.0063                              |         |
| -10                 | Normal Voltage    | 0.0010                              |         |
| -20                 | Normal Voltage    | 0.0058                              |         |
| -30                 | Normal Voltage    | 0.0066                              |         |
| 20                  | Maximum Voltage   | 0.0006                              |         |
| 20                  | Normal Voltage    | 0.0009                              |         |
| 20                  | Battery End Point | 0.0046                              |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 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 / 20MHz / QPSK |                      |                 |                  |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 3702                 | -60.76          | -13              | -47.76                  | -65.63                   | 3.55                       | 8.42                        | H                     |
|                           | 5553                 | -56.44          | -13              | -43.44                  | -62.78                   | 4.34                       | 10.68                       | H                     |
|                           | 7404                 | -52.72          | -13              | -39.72                  | -59.52                   | 5.14                       | 11.94                       | H                     |
|                           | 3702                 | -58.47          | -13              | -45.47                  | -63.34                   | 3.55                       | 8.42                        | V                     |
|                           | 5553                 | -54.60          | -13              | -41.60                  | -60.94                   | 4.34                       | 10.68                       | V                     |
|                           | 7404                 | -52.35          | -13              | -39.35                  | -59.15                   | 5.14                       | 11.94                       | V                     |
| Middle                    | 3741                 | -60.56          | -13              | -47.56                  | -65.43                   | 3.55                       | 8.42                        | H                     |
|                           | 5613                 | -56.51          | -13              | -43.51                  | -62.85                   | 4.34                       | 10.68                       | H                     |
|                           | 7488                 | -52.29          | -13              | -39.29                  | -59.09                   | 5.14                       | 11.94                       | H                     |
|                           | 3741                 | -57.92          | -13              | -44.92                  | -62.79                   | 3.55                       | 8.42                        | V                     |
|                           | 5613                 | -53.53          | -13              | -40.53                  | -59.87                   | 4.34                       | 10.68                       | V                     |
|                           | 7488                 | -51.83          | -13              | -38.83                  | -58.63                   | 5.14                       | 11.94                       | V                     |
| Highest                   | 3783                 | -60.45          | -13              | -47.45                  | -65.32                   | 3.55                       | 8.42                        | H                     |
|                           | 5673                 | -56.64          | -13              | -43.64                  | -62.98                   | 4.34                       | 10.68                       | H                     |
|                           | 7560                 | -52.51          | -13              | -39.51                  | -59.31                   | 5.14                       | 11.94                       | H                     |
|                           | 3783                 | -59.24          | -13              | -46.24                  | -64.11                   | 3.55                       | 8.42                        | V                     |
|                           | 5673                 | -53.41          | -13              | -40.41                  | -59.75                   | 4.34                       | 10.68                       | V                     |
|                           | 7560                 | -51.93          | -13              | -38.93                  | -58.73                   | 5.14                       | 11.94                       | V                     |

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



| LTE Band 4 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 3420              | -54.20       | -13           | -41.20            | -64.94             | 2.604                | 13.34                 | H                  |
|                           | 5133.27           | -58.89       | -13           | -45.89            | -69.40             | 3.011                | 13.52                 | H                  |
|                           | 6846              | -55.07       | -13           | -42.07            | -65.27             | 3.271                | 13.47                 | H                  |
|                           | 3420              | -56.42       | -13           | -43.42            | -67.16             | 2.604                | 13.34                 | V                  |
|                           | 5130              | -56.01       | -13           | -43.01            | -66.52             | 3.011                | 13.52                 | V                  |
|                           | 6846              | -55.19       | -13           | -42.19            | -65.39             | 3.271                | 13.47                 | V                  |
| Middle                    | 3444              | -48.76       | -13           | -35.76            | -59.50             | 2.604                | 13.34                 | H                  |
|                           | 5172              | -56.88       | -13           | -43.88            | -67.39             | 3.011                | 13.52                 | H                  |
|                           | 6894              | -55.18       | -13           | -42.18            | -65.38             | 3.271                | 13.47                 | H                  |
|                           | 3444              | -54.36       | -13           | -41.36            | -65.10             | 2.604                | 13.34                 | V                  |
|                           | 5172              | -53.73       | -13           | -40.73            | -64.24             | 3.011                | 13.52                 | V                  |
|                           | 6894.36           | -54.71       | -13           | -41.71            | -64.91             | 3.271                | 13.47                 | V                  |
| Highest                   | 3474              | -51.05       | -13           | -38.05            | -61.79             | 2.604                | 13.34                 | H                  |
|                           | 5208              | -58.88       | -13           | -45.88            | -69.39             | 3.011                | 13.52                 | H                  |
|                           | 6942              | -54.54       | -13           | -41.54            | -64.74             | 3.271                | 13.47                 | H                  |
|                           | 3474              | -57.58       | -13           | -44.58            | -68.32             | 2.604                | 13.34                 | V                  |
|                           | 5208              | -54.10       | -13           | -41.10            | -64.61             | 3.011                | 13.52                 | V                  |
|                           | 6944.36           | -54.16       | -13           | -41.16            | -64.36             | 3.271                | 13.47                 | V                  |

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



| LTE Band 5 / 10MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1650              | -66.26       | -13           | -53.26            | -67.47             | 2.32                 | 5.68                  | H                  |
|                           | 2473.77           | -66.87       | -13           | -53.87            | -67.50             | 3.02                 | 5.80                  | H                  |
|                           | 3300              | -67.16       | -13           | -54.16            | -69.62             | 3.27                 | 7.88                  | H                  |
|                           | 1650              | -62.07       | -13           | -49.07            | -63.28             | 2.32                 | 5.68                  | V                  |
|                           | 2473.77           | -66.43       | -13           | -53.43            | -67.06             | 3.02                 | 5.80                  | V                  |
|                           | 3300              | -66.48       | -13           | -53.48            | -68.94             | 3.27                 | 7.88                  | V                  |
| Middle                    | 1664              | -67.80       | -13           | -54.80            | -69.01             | 2.32                 | 5.68                  | H                  |
|                           | 2496.27           | -66.01       | -13           | -53.01            | -66.64             | 3.02                 | 5.80                  | H                  |
|                           | 3330              | -65.34       | -13           | -52.34            | -67.80             | 3.27                 | 7.88                  | H                  |
|                           | 1664.18           | -68.41       | -13           | -55.41            | -69.62             | 2.32                 | 5.68                  | V                  |
|                           | 2496              | -66.55       | -13           | -53.55            | -67.18             | 3.02                 | 5.80                  | V                  |
|                           | 3330              | -66.22       | -13           | -53.22            | -68.68             | 3.27                 | 7.88                  | V                  |
| Highest                   | 1680              | -69.63       | -13           | -56.63            | -70.84             | 2.32                 | 5.68                  | H                  |
|                           | 2518.77           | -67.60       | -13           | -54.60            | -68.23             | 3.02                 | 5.80                  | H                  |
|                           | 3360              | -66.26       | -13           | -53.26            | -68.72             | 3.27                 | 7.88                  | H                  |
|                           | 1679.18           | -68.93       | -13           | -55.93            | -70.14             | 2.32                 | 5.68                  | V                  |
|                           | 2518              | -66.75       | -13           | -53.75            | -67.38             | 3.02                 | 5.80                  | V                  |
|                           | 3360              | -66.07       | -13           | -53.07            | -68.53             | 3.27                 | 7.88                  | V                  |

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



| LTE Band 7/ 20MHz / QPSK |                      |                 |                  |                         |                          |                            |                              |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|------------------------------|-----------------------|
| Channel                  | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi) | Polarization<br>(H/V) |
| Lowest                   | 5004                 | -65.45          | -25              | -40.45                  | -75.66                   | 3.03                       | 13.24                        | H                     |
|                          | 7503.27              | -60.34          | -25              | -35.34                  | -69.79                   | 3.56                       | 13.01                        | H                     |
|                          | 10000                | -58.09          | -25              | -33.09                  | -67.61                   | 3.92                       | 13.44                        | H                     |
|                          | 5000                 | -62.58          | -25              | -37.58                  | -72.79                   | 3.03                       | 13.24                        | V                     |
|                          | 7504                 | -53.62          | -25              | -28.62                  | -63.07                   | 3.56                       | 13.01                        | V                     |
|                          | 10000                | -57.63          | -25              | -32.63                  | -67.15                   | 3.92                       | 13.44                        | V                     |
| Middle                   | 5052                 | -63.86          | -25              | -38.86                  | -74.07                   | 3.03                       | 13.24                        | H                     |
|                          | 7580                 | -60.68          | -25              | -35.68                  | -70.13                   | 3.56                       | 13.01                        | H                     |
|                          | 10100                | -58.26          | -25              | -33.26                  | -67.78                   | 3.92                       | 13.44                        | H                     |
|                          | 5052                 | -60.92          | -25              | -35.92                  | -71.13                   | 3.03                       | 13.24                        | V                     |
|                          | 7576                 | -54.11          | -25              | -29.11                  | -63.56                   | 3.56                       | 13.01                        | V                     |
|                          | 10100                | -56.18          | -25              | -31.18                  | -65.70                   | 3.92                       | 13.44                        | V                     |
| Highest                  | 5100                 | -62.42          | -25              | -37.42                  | -72.63                   | 3.03                       | 13.24                        | H                     |
|                          | 7653.27              | -60.84          | -25              | -35.84                  | -70.29                   | 3.56                       | 13.01                        | H                     |
|                          | 10200                | -58.73          | -25              | -33.73                  | -68.25                   | 3.92                       | 13.44                        | H                     |
|                          | 5100                 | -56.65          | -25              | -31.65                  | -66.86                   | 3.03                       | 13.24                        | V                     |
|                          | 7652                 | -55.89          | -25              | -30.89                  | -65.34                   | 3.56                       | 13.01                        | V                     |
|                          | 10200                | -53.53          | -25              | -28.53                  | -63.05                   | 3.92                       | 13.44                        | V                     |

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



| LTE Band 12 / 10MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 1400              | -52.96       | -13           | -39.96            | -58.98             | 1.40                 | 9.57                  | H                  |
|                            | 2098              | -57.90       | -13           | -44.90            | -65.31             | 1.87                 | 11.44                 | H                  |
|                            | 2798              | -50.77       | -13           | -37.77            | -59.66             | 2.31                 | 13.35                 | H                  |
|                            | 1400              | -49.67       | -13           | -36.67            | -55.69             | 1.40                 | 9.57                  | V                  |
|                            | 2098              | -52.03       | -13           | -39.03            | -59.44             | 1.87                 | 11.44                 | V                  |
|                            | 2798              | -47.12       | -13           | -34.12            | -56.01             | 2.31                 | 13.35                 | V                  |
| Middle                     | 1406              | -52.19       | -13           | -39.19            | -58.21             | 1.40                 | 9.57                  | H                  |
|                            | 2110              | -57.58       | -13           | -44.58            | -64.99             | 1.87                 | 11.44                 | H                  |
|                            | 2812              | -49.79       | -13           | -36.79            | -58.68             | 2.31                 | 13.35                 | H                  |
|                            | 1406              | -47.49       | -13           | -34.49            | -53.51             | 1.40                 | 9.57                  | V                  |
|                            | 2110              | -52.45       | -13           | -39.45            | -59.86             | 1.87                 | 11.44                 | V                  |
|                            | 2812              | -45.96       | -13           | -32.96            | -54.85             | 2.31                 | 13.35                 | V                  |
| Highest                    | 1414              | -54.35       | -13           | -41.35            | -60.37             | 1.40                 | 9.57                  | H                  |
|                            | 2120              | -59.88       | -13           | -46.88            | -67.29             | 1.87                 | 11.44                 | H                  |
|                            | 2826              | -55.51       | -13           | -42.51            | -64.40             | 2.31                 | 13.35                 | H                  |
|                            | 1412              | -50.29       | -13           | -37.29            | -56.31             | 1.40                 | 9.57                  | V                  |
|                            | 2120              | -55.34       | -13           | -42.34            | -62.75             | 1.87                 | 11.44                 | V                  |
|                            | 2826              | -51.13       | -13           | -38.13            | -60.02             | 2.31                 | 13.35                 | V                  |

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



| LTE Band 13 / 5MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1554              | -63.21       | -40           | -23.21            | -64.92             | 2.23                 | 6.09                  | H                  |
|                           | 2332              | -62.13       | -13           | -49.13            | -62.66             | 2.83                 | 5.51                  | H                  |
|                           | 3108              | -61.92       | -13           | -48.92            | -63.86             | 3.21                 | 7.30                  | H                  |
|                           | 1554              | -63.36       | -40           | -23.36            | -65.07             | 2.23                 | 6.09                  | V                  |
|                           | 2332              | -60.28       | -13           | -47.28            | -60.81             | 2.83                 | 5.51                  | V                  |
|                           | 3108              | -61.93       | -13           | -48.93            | -63.87             | 3.21                 | 7.30                  | V                  |
| Middle                    | 1560              | -62.26       | -40           | -22.26            | -63.97             | 2.23                 | 6.09                  | H                  |
|                           | 2340              | -63.27       | -13           | -50.27            | -63.80             | 2.83                 | 5.51                  | H                  |
|                           | 3120              | -62.70       | -13           | -49.70            | -64.64             | 3.21                 | 7.30                  | H                  |
|                           | 1560              | -59.66       | -40           | -19.66            | -61.37             | 2.23                 | 6.09                  | V                  |
|                           | 2434              | -60.77       | -13           | -47.77            | -61.30             | 2.83                 | 5.51                  | V                  |
|                           | 3120              | -62.91       | -13           | -49.91            | -64.85             | 3.21                 | 7.30                  | V                  |
| Highest                   | 1564              | -57.21       | -40           | -17.21            | -58.92             | 2.23                 | 6.09                  | H                  |
|                           | 2348              | -64.57       | -13           | -51.57            | -65.10             | 2.83                 | 5.51                  | H                  |
|                           | 3132              | -62.43       | -13           | -49.43            | -64.37             | 3.21                 | 7.30                  | H                  |
|                           | 1564              | -55.48       | -40           | -15.48            | -57.19             | 2.23                 | 6.09                  | V                  |
|                           | 2348              | -64.20       | -13           | -51.20            | -64.73             | 2.83                 | 5.51                  | V                  |
|                           | 3132              | -62.48       | -13           | -49.48            | -64.42             | 3.21                 | 7.30                  | V                  |

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

| LTE Band 13 / 10MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 1556              | -64.00       | -40           | -24.00            | -65.71             | 2.23                 | 6.09                  | H                  |
|                            | 2332              | -61.96       | -13           | -48.96            | -62.49             | 2.83                 | 5.51                  | H                  |
|                            | 3108              | -62.05       | -13           | -49.05            | -63.99             | 3.21                 | 7.30                  | H                  |
|                            | 1556              | -64.15       | -40           | -24.15            | -65.86             | 2.23                 | 6.09                  | V                  |
|                            | 2332              | -59.97       | -13           | -46.97            | -60.50             | 2.83                 | 5.51                  | V                  |
|                            | 3108              | -62.30       | -13           | -49.30            | -64.24             | 3.21                 | 7.30                  | V                  |