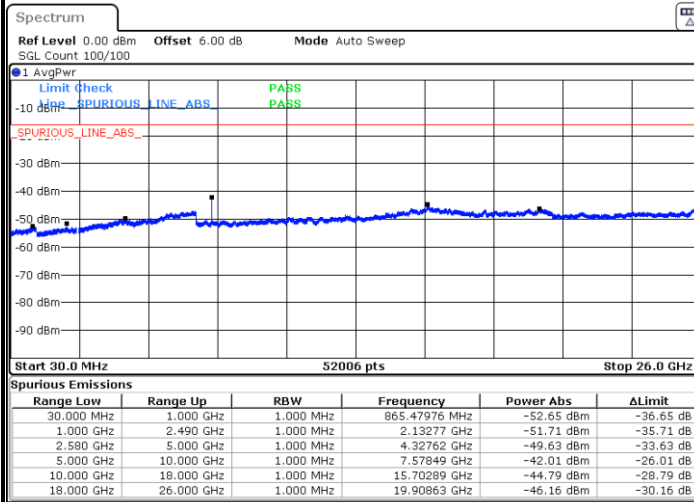




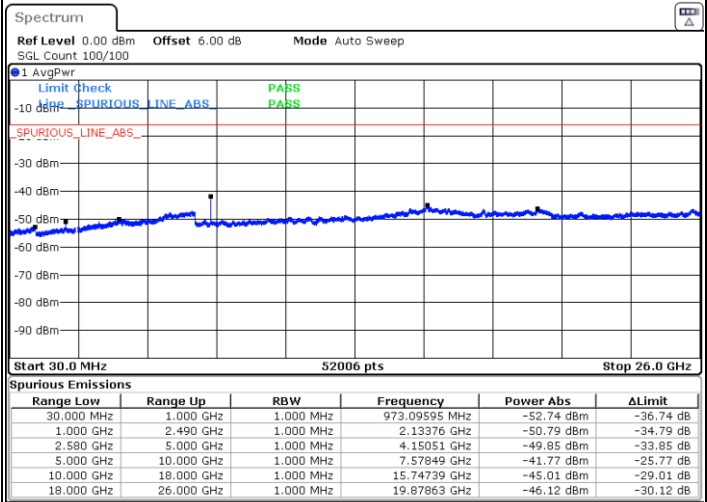
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



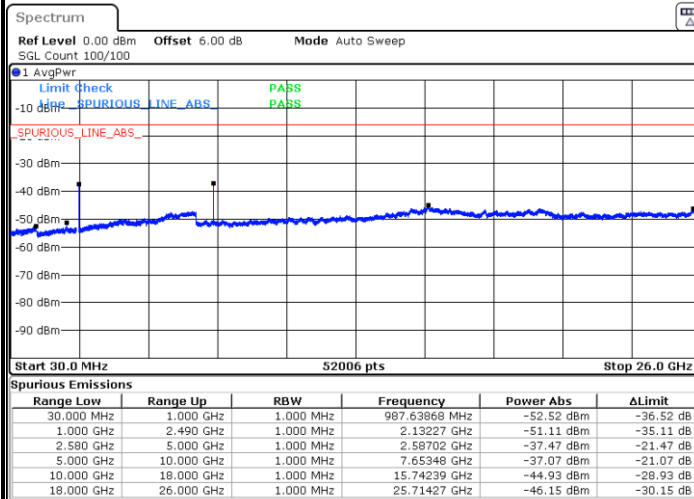
Date: 18 DEC 2019 06:04:02

## Middle Channel / 16QAM



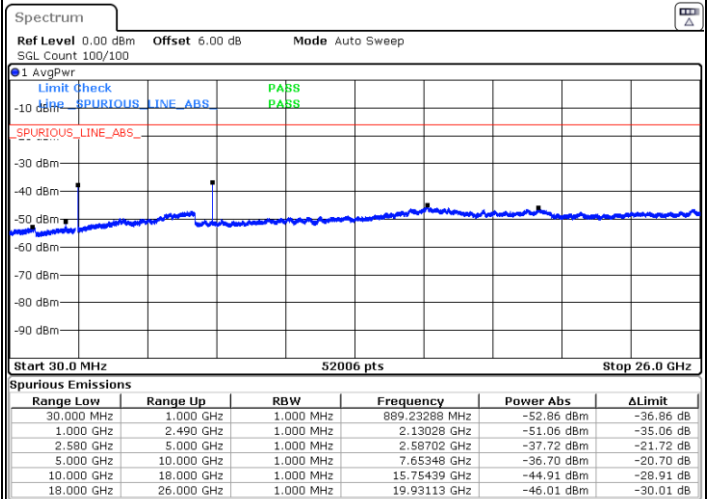
Date: 18 DEC 2019 06:05:08

## Highest Channel / QPSK



Date: 18 DEC 2019 06:10:14

## Highest Channel / 16QAM

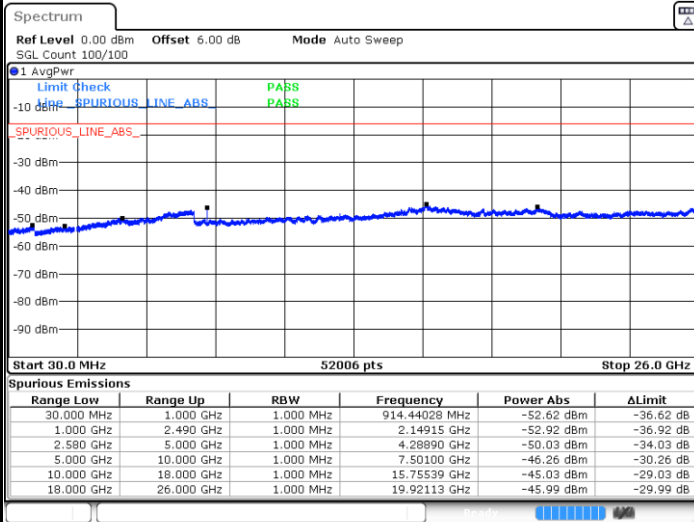


Date: 18 DEC 2019 06:11:14



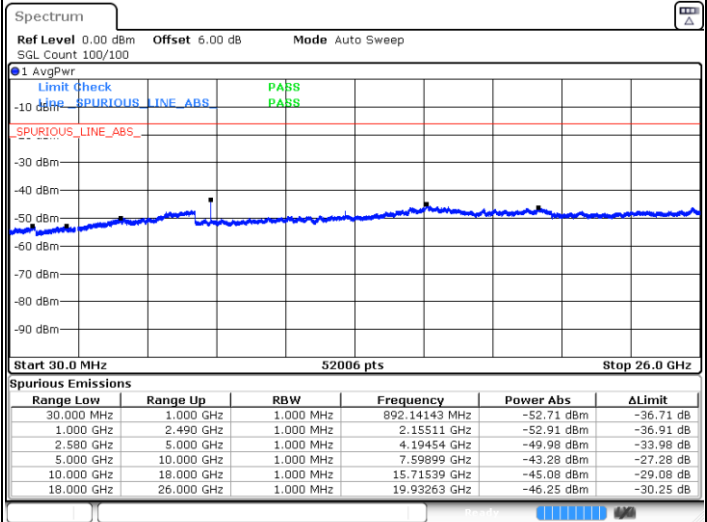
## LTE Band 7 / 5MHz

## Lowest Channel / 64QAM



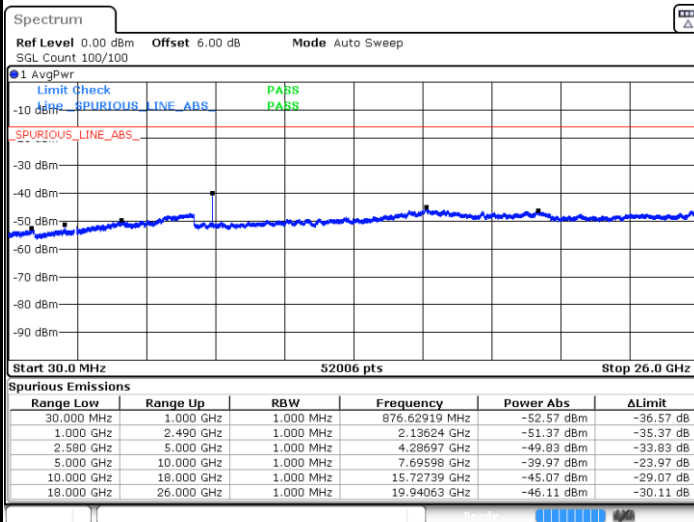
Date: 18 DEC 2019 02:32:42

## Middle Channel / 64QAM



Date: 18 DEC 2019 02:36:44

## Highest Channel / 64QAM

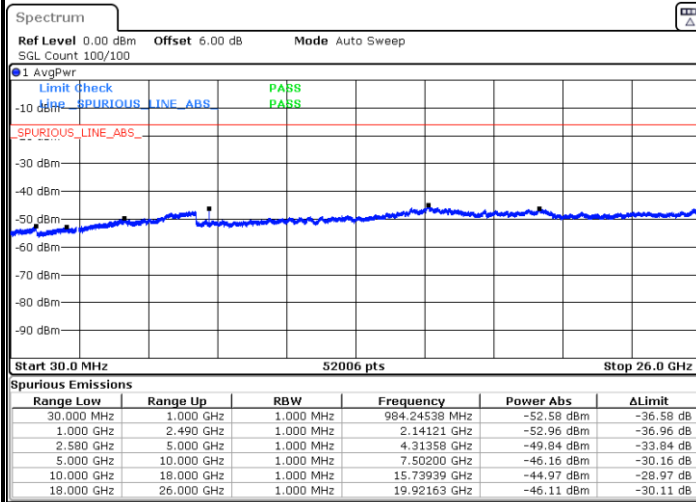


Date: 18 DEC 2019 02:43:30



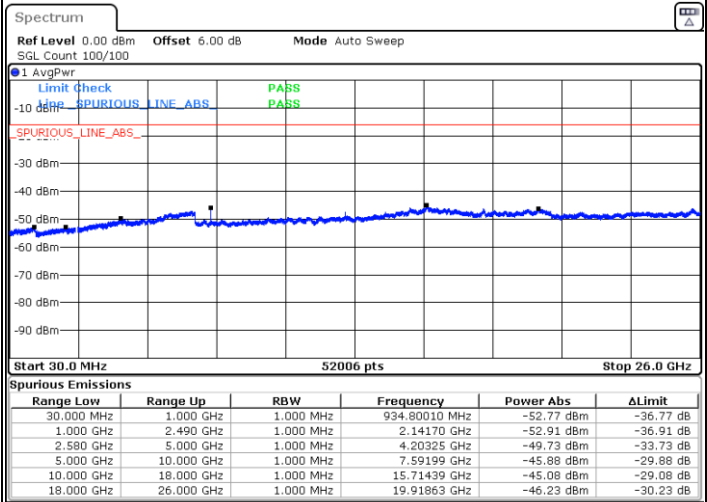
## LTE Band 7 / 10MHz

## Lowest Channel / 64QAM



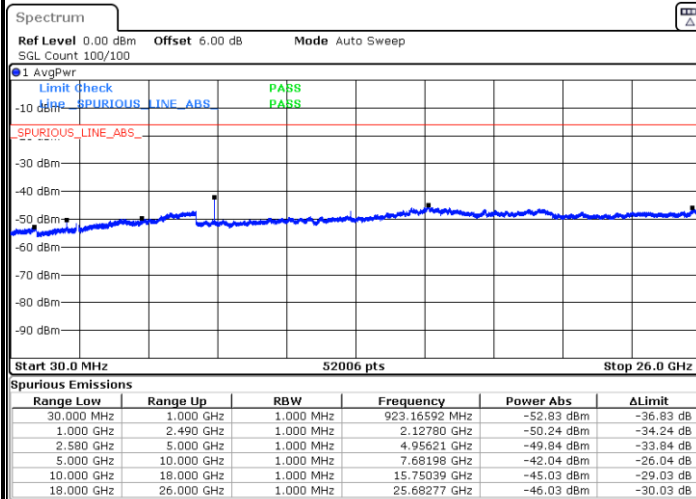
Date: 18 DEC 2019 04:51:38

## Middle Channel / 64QAM



Date: 18 DEC 2019 04:56:51

## Highest Channel / 64QAM

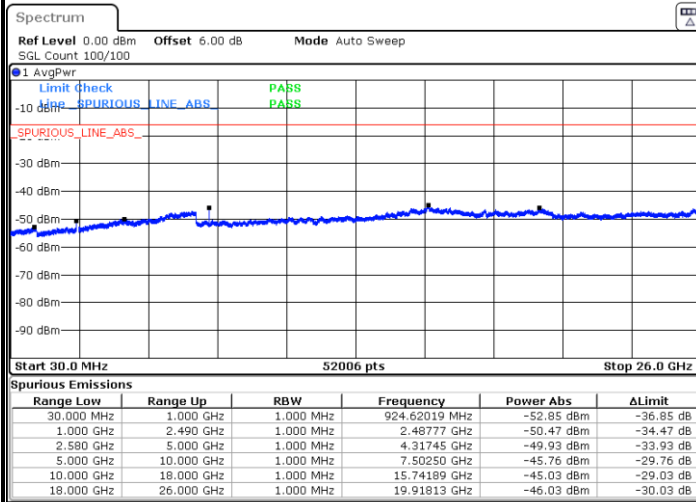


Date: 18 DEC 2019 05:02:42



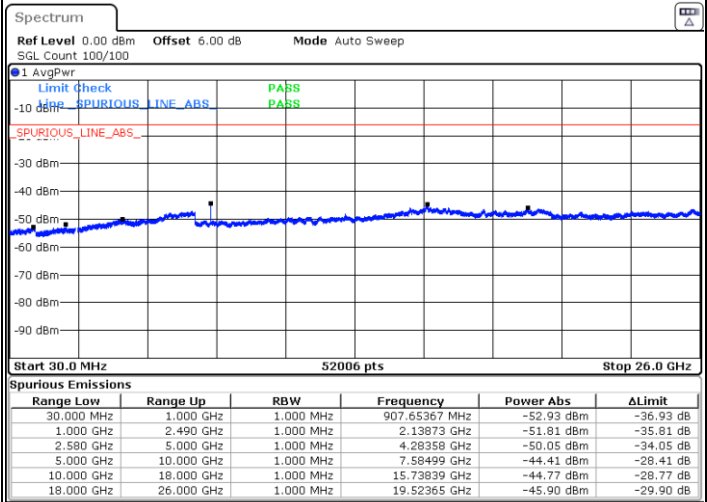
## LTE Band 7 / 15MHz

## Lowest Channel / 64QAM



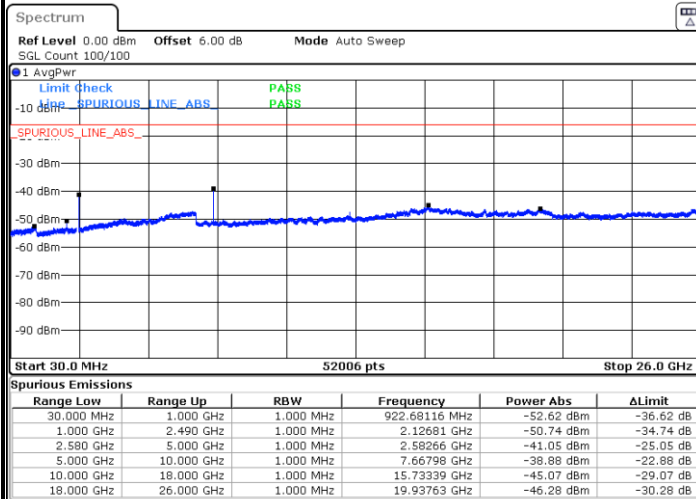
Date: 18 DEC 2019 05:39:07

## Middle Channel / 64QAM



Date: 18 DEC 2019 05:46:08

## Highest Channel / 64QAM

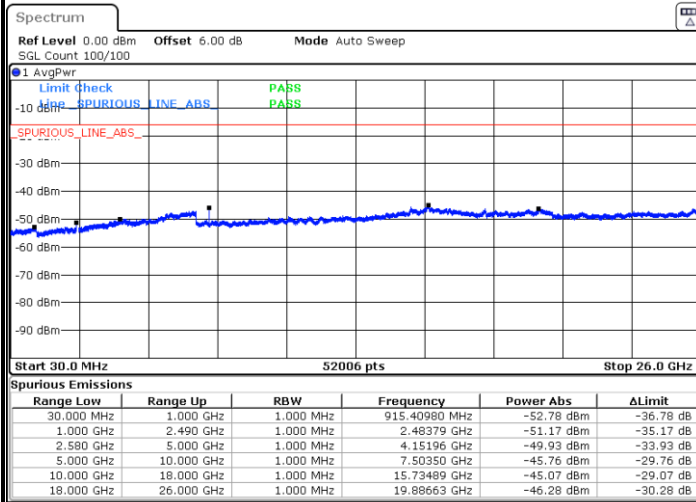


Date: 18 DEC 2019 05:51:18



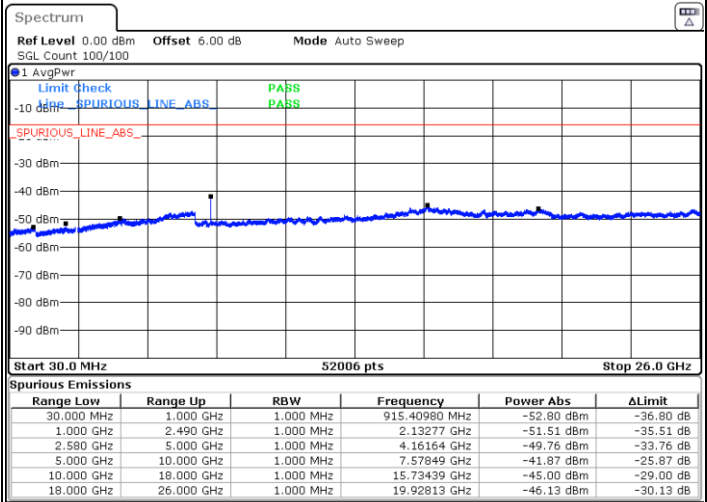
## LTE Band 7 / 20MHz

## Lowest Channel / 64QAM



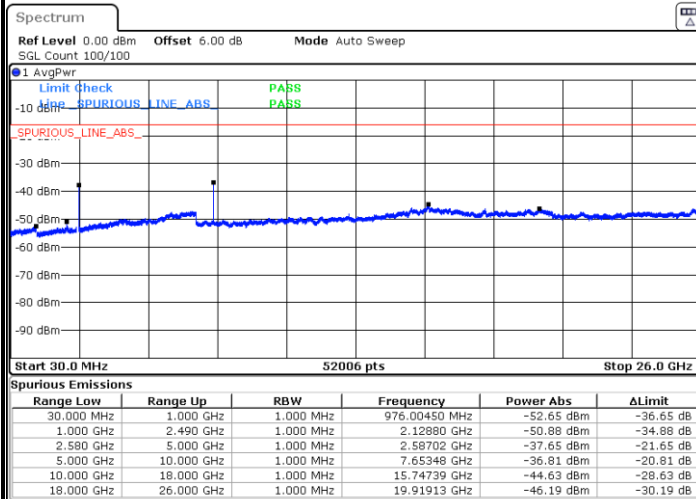
Date: 18 DEC 2019 05:59:43

## Middle Channel / 64QAM



Date: 18 DEC 2019 06:06:13

## Highest Channel / 64QAM

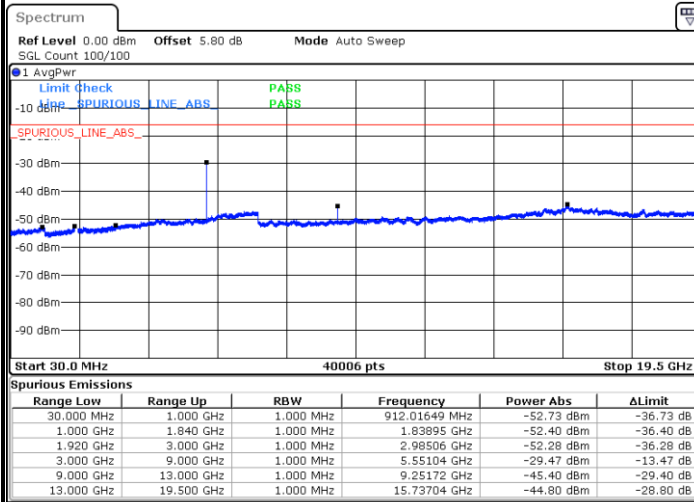


Date: 18 DEC 2019 06:12:13



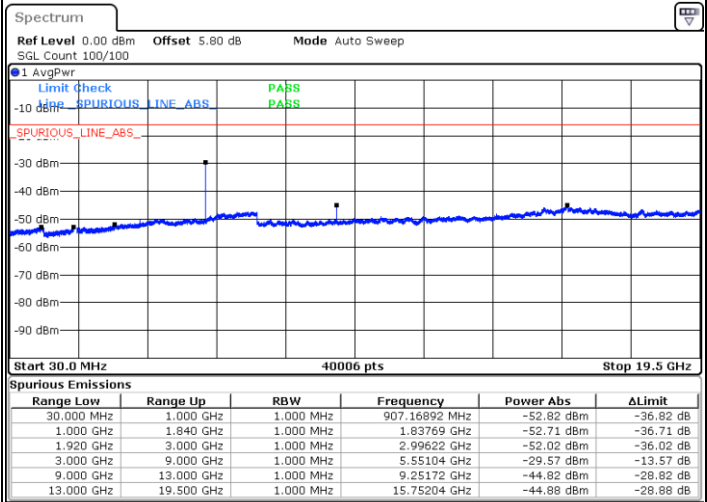
## LTE Band 25 / 1.4MHz

## Lowest Channel / QPSK



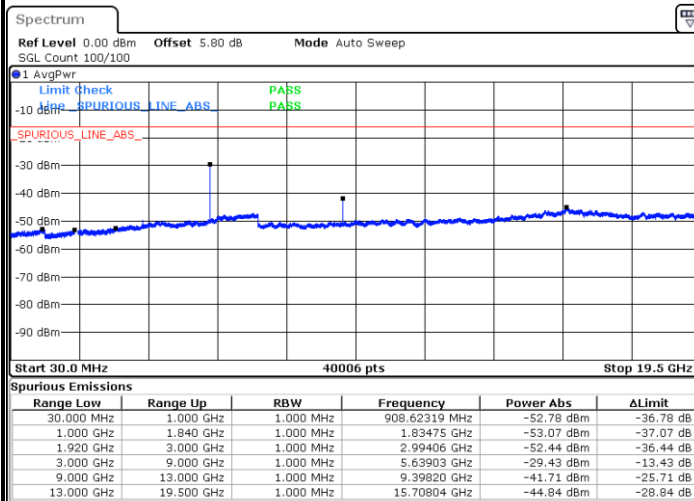
Date: 10 DEC 2019 00:41:58

## Lowest Channel / 16QAM



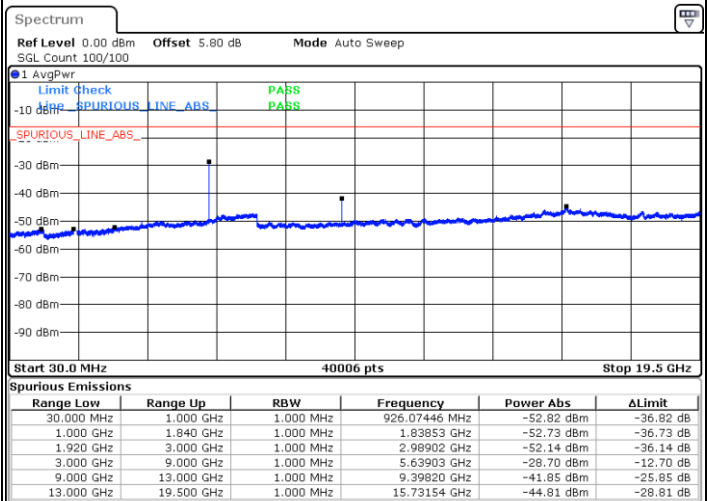
Date: 10 DEC 2019 00:44:08

## Middle Channel / QPSK



Date: 10 DEC 2019 00:49:01

## Middle Channel / 16QAM

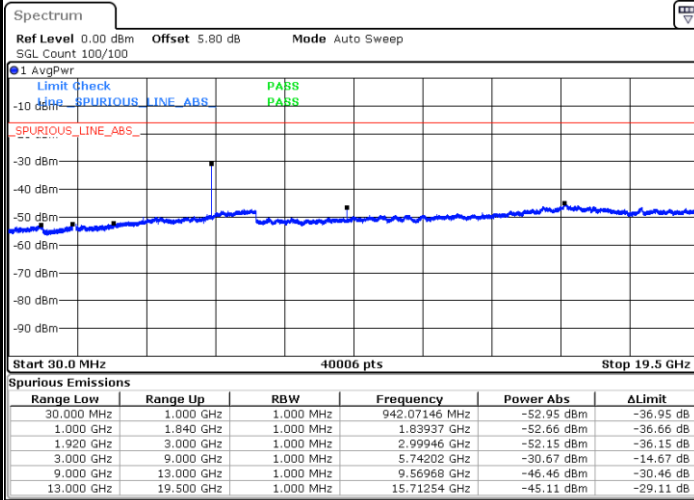


Date: 10 DEC 2019 00:49:57



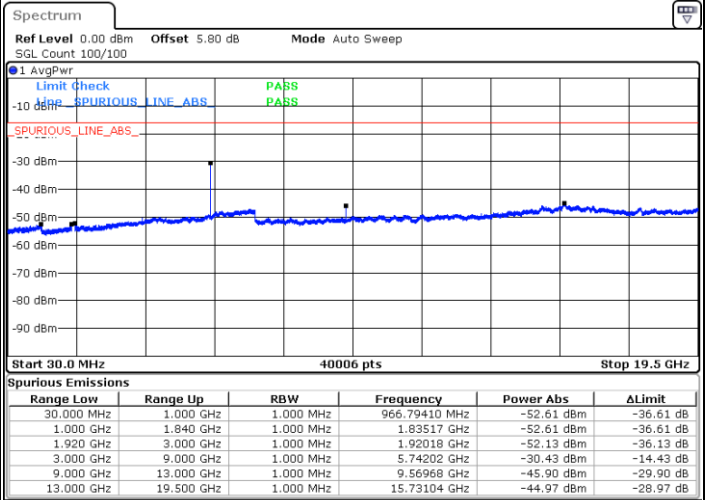
## LTE Band 25 / 1.4MHz

## Highest Channel / QPSK



Date: 10 DEC 2019 00:53:51

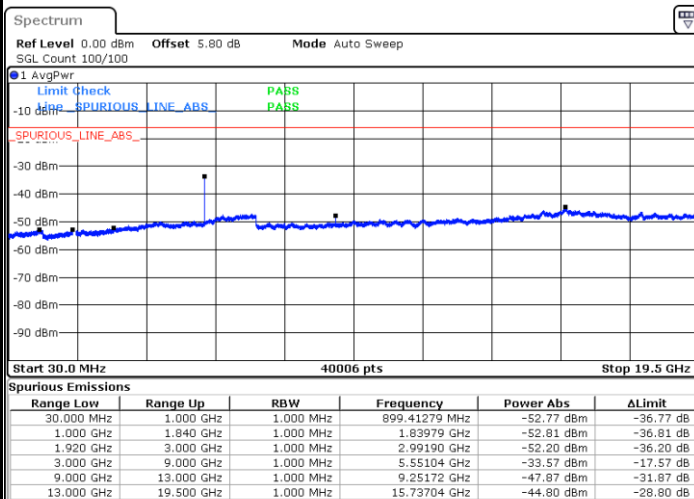
## Highest Channel / 16QAM



Date: 10 DEC 2019 00:54:41

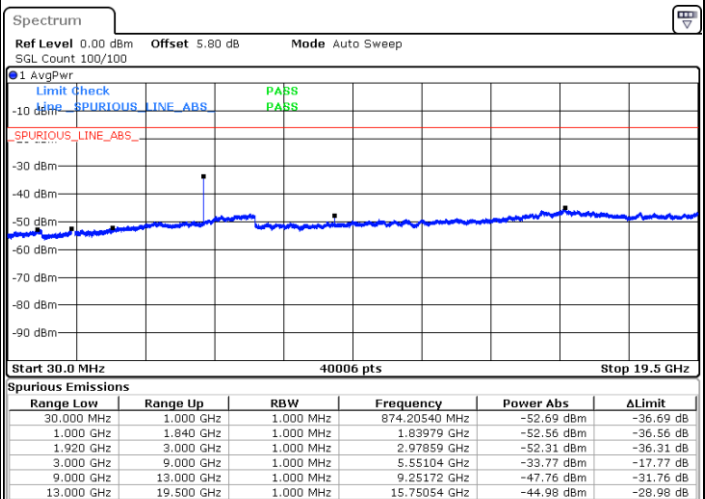
## LTE Band 25 / 3MHz

## Lowest Channel / QPSK



Date: 10 DEC 2019 01:00:49

## Lowest Channel / 16QAM

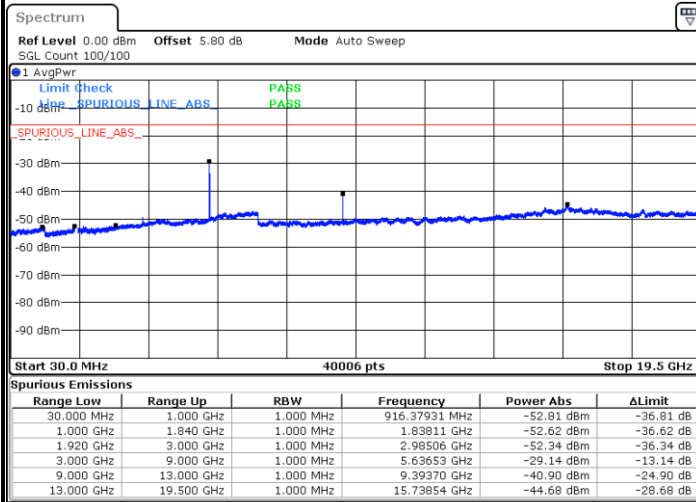


Date: 10 DEC 2019 01:01:30



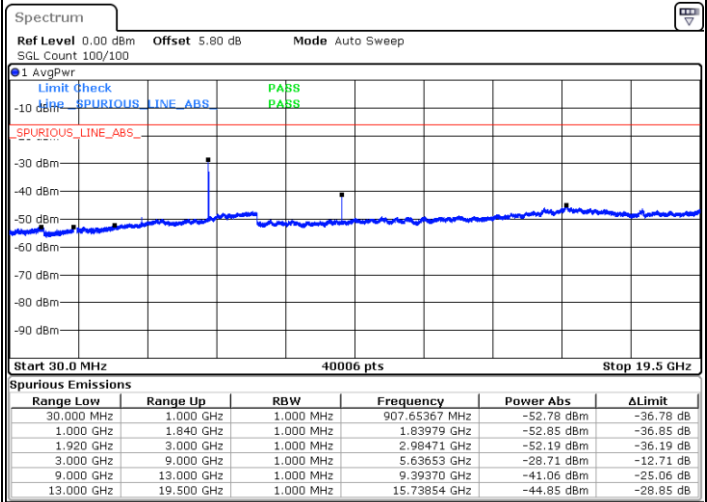
## LTE Band 25 / 3MHz

## Middle Channel / QPSK



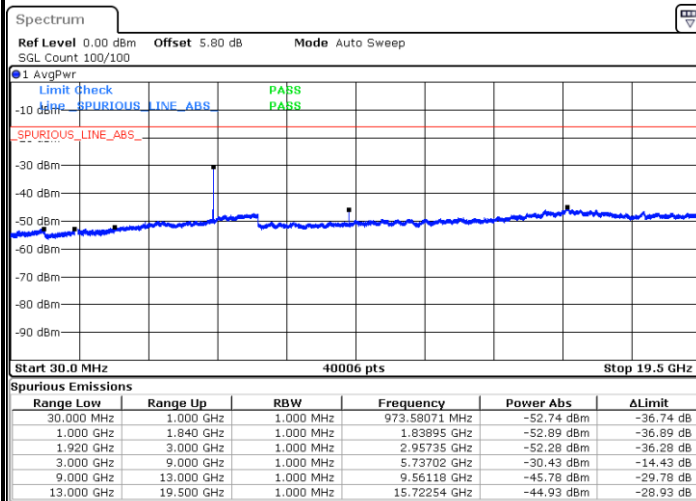
Date: 10 DEC 2019 01:05:03

## Middle Channel / 16QAM



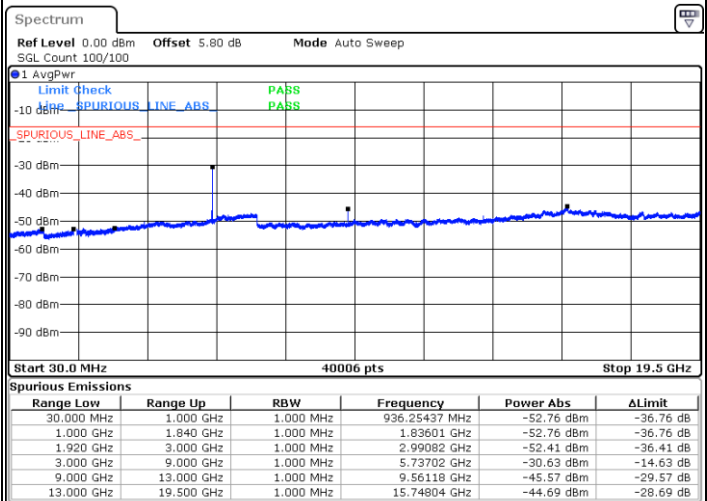
Date: 10 DEC 2019 01:05:45

## Highest Channel / QPSK



Date: 10 DEC 2019 01:09:37

## Highest Channel / 16QAM



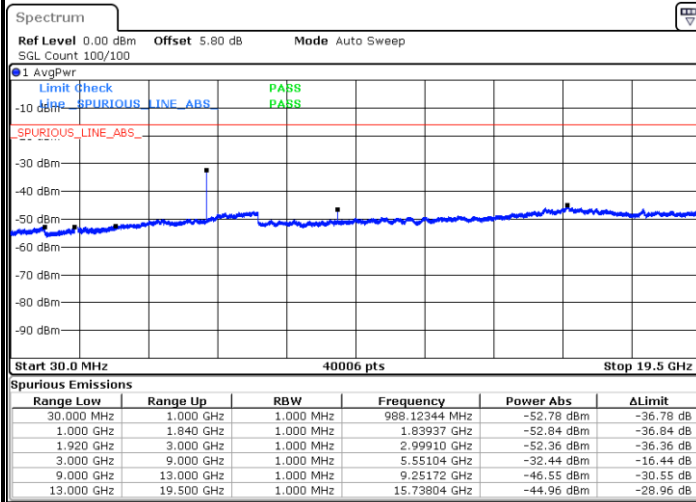
Date: 10 DEC 2019 01:10:18





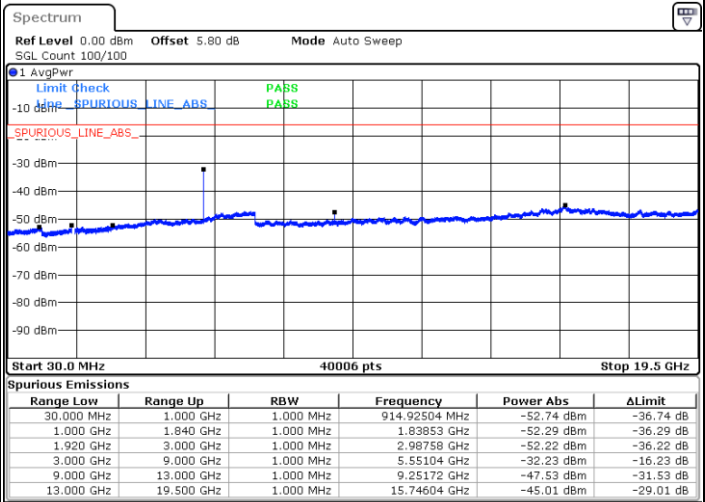
## LTE Band 25 / 5MHz

## Lowest Channel / QPSK



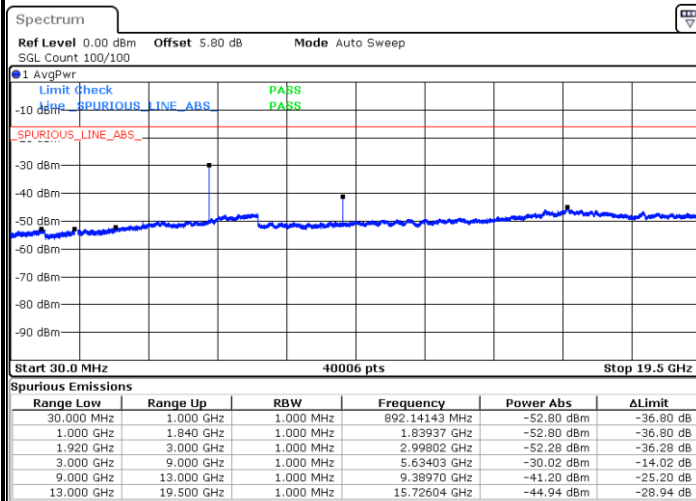
Date: 10 DEC 2019 01:20:20

## Lowest Channel / 16QAM



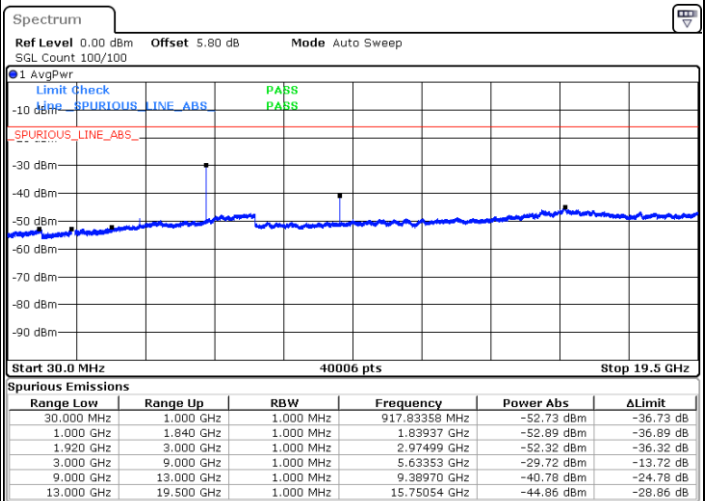
Date: 10 DEC 2019 01:22:56

## Middle Channel / QPSK



Date: 10 DEC 2019 01:27:25

## Middle Channel / 16QAM

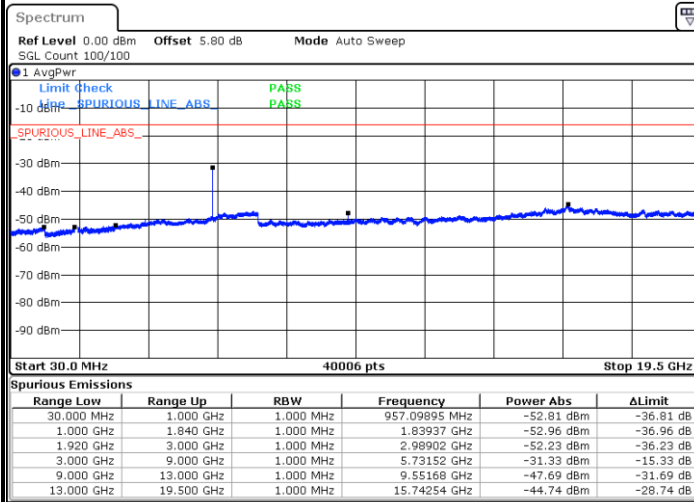


Date: 10 DEC 2019 01:28:09



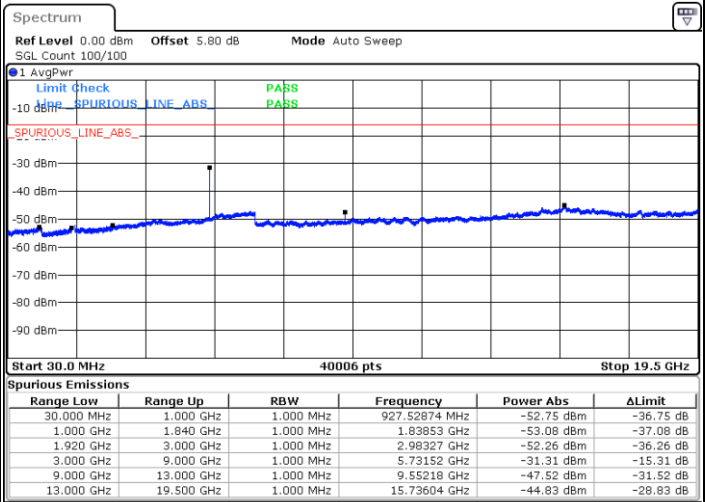
## LTE Band 25 / 5MHz

## Highest Channel / QPSK



Date: 10 DEC 2019 01:34:27

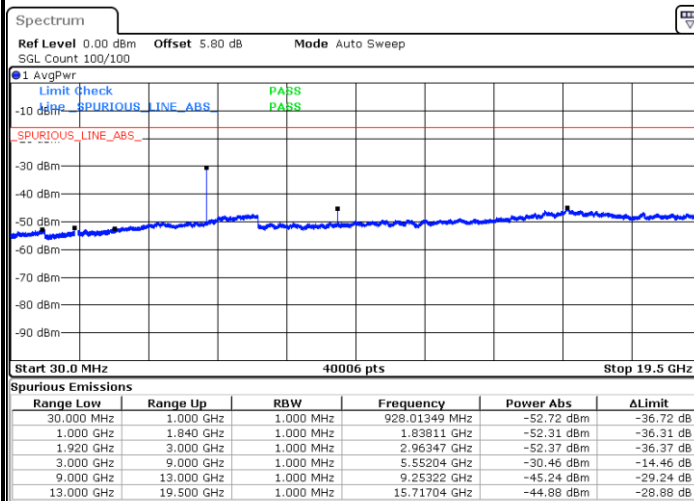
## Highest Channel / 16QAM



Date: 10 DEC 2019 01:35:21

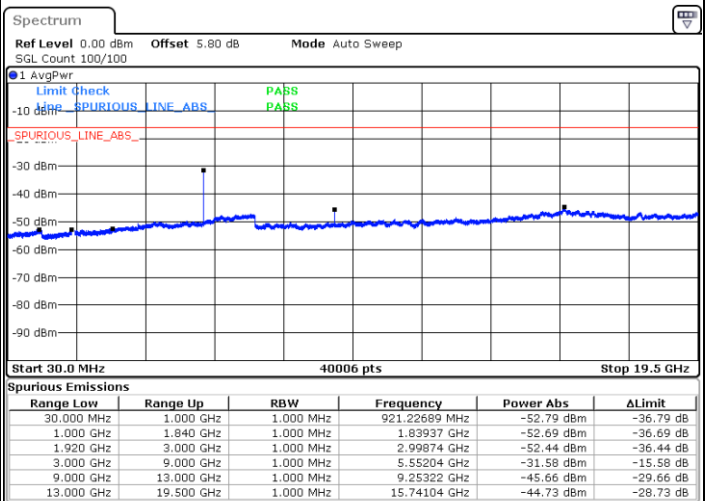
## LTE Band 25 / 10MHz

## Lowest Channel / QPSK



Date: 10 DEC 2019 01:39:11

## Lowest Channel / 16QAM

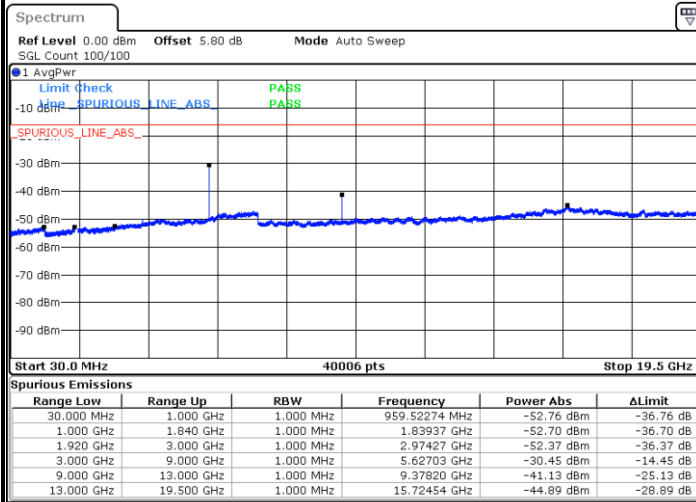


Date: 10 DEC 2019 01:39:51



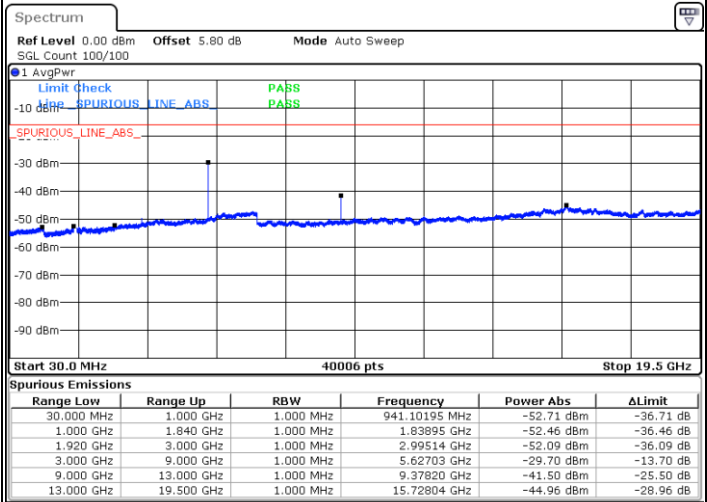
## LTE Band 25 / 10MHz

## Middle Channel / QPSK



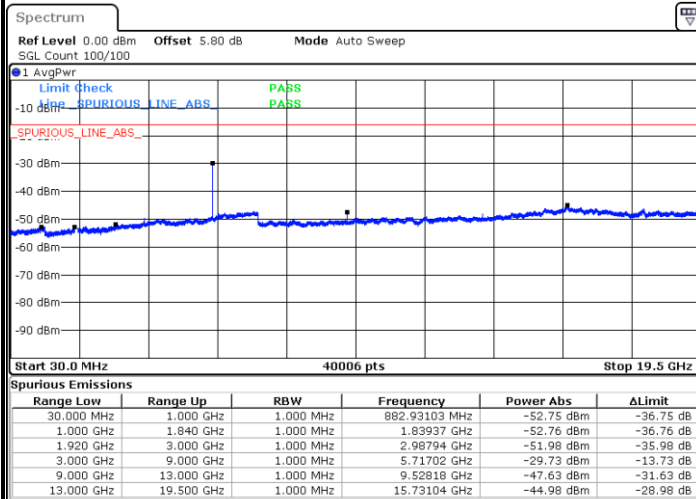
Date: 10 DEC 2019 01:44:16

## Middle Channel / 16QAM



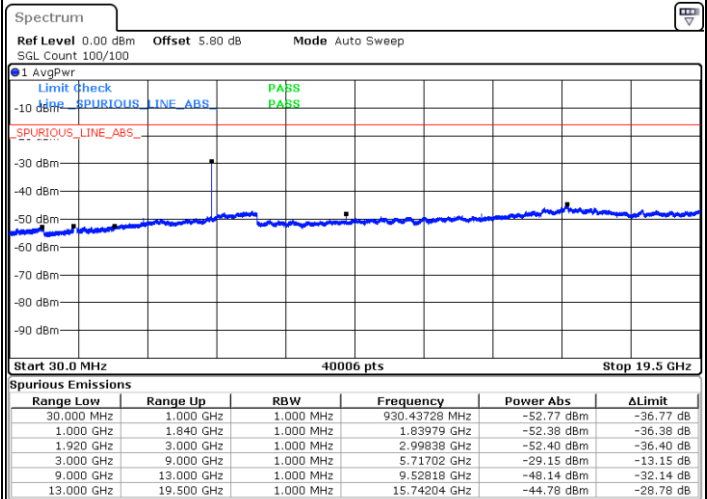
Date: 10 DEC 2019 01:45:02

## Highest Channel / QPSK



Date: 10 DEC 2019 01:49:16

## Highest Channel / 16QAM

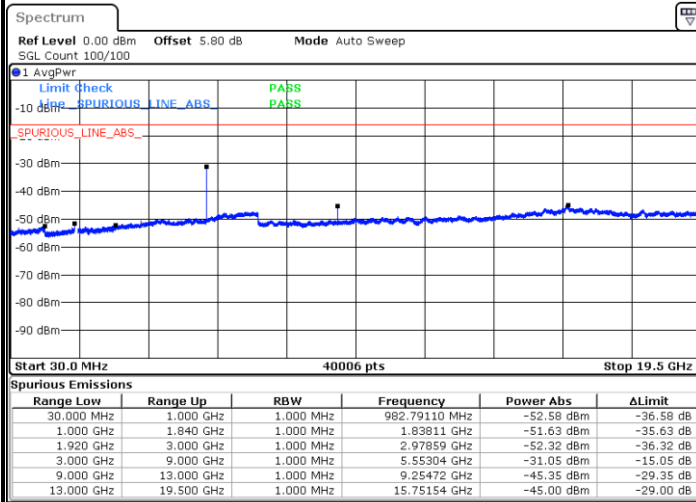


Date: 10 DEC 2019 01:49:56



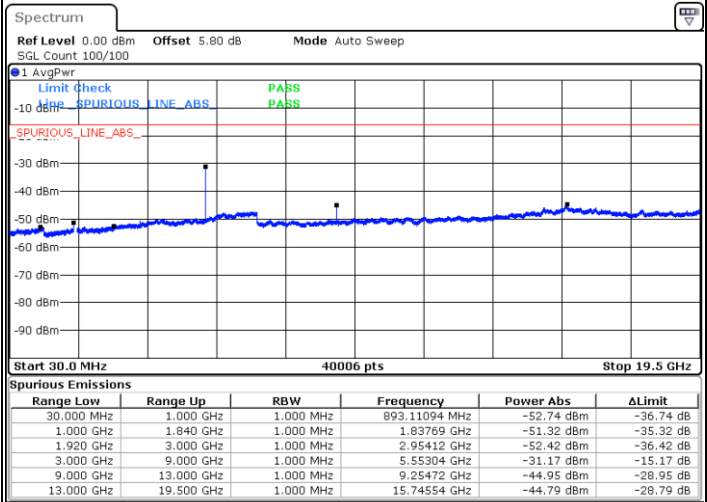
## LTE Band 25 / 15MHz

## Lowest Channel / QPSK



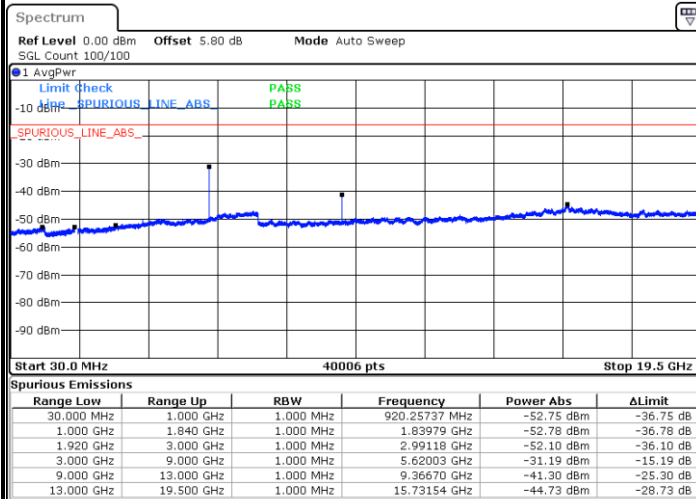
Date: 10 DEC 2019 01:53:46

## Lowest Channel / 16QAM



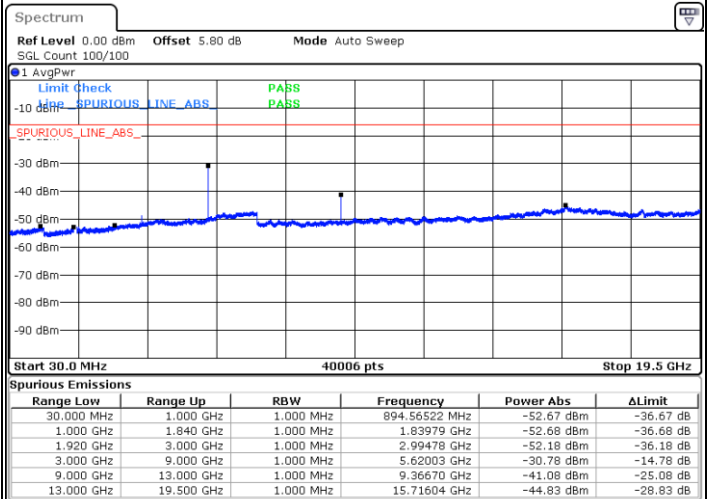
Date: 10 DEC 2019 01:54:46

## Middle Channel / QPSK



Date: 10 DEC 2019 01:58:57

## Middle Channel / 16QAM

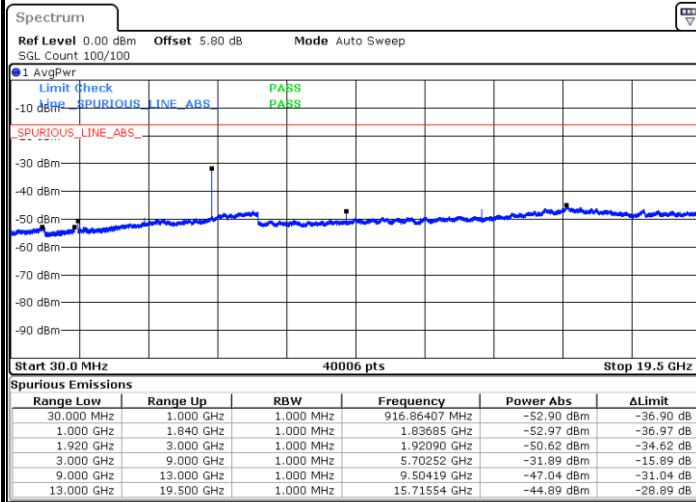


Date: 10 DEC 2019 01:59:46



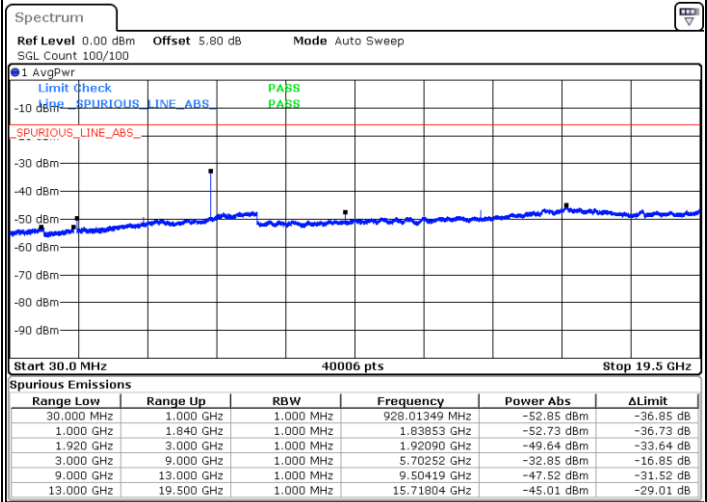
## LTE Band 25 / 15MHz

## Highest Channel / QPSK



Date: 10 DEC 2019 02:03:27

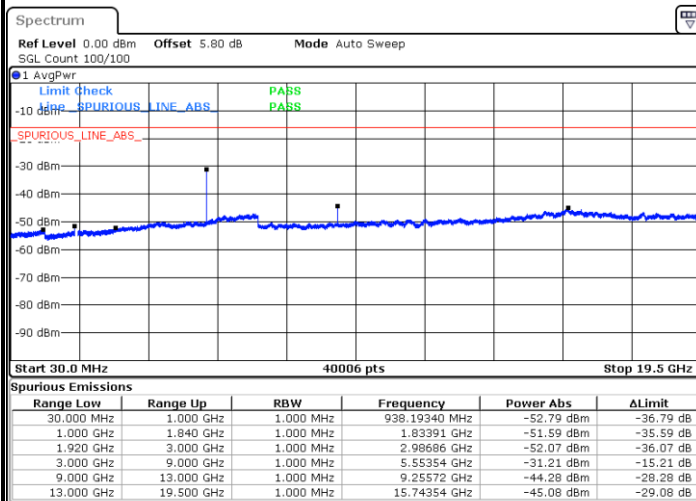
## Highest Channel / 16QAM



Date: 10 DEC 2019 02:04:09

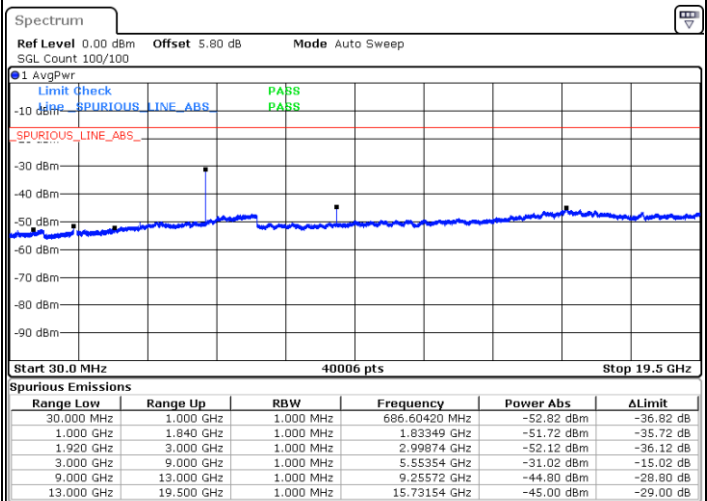
## LTE Band 25 / 20MHz

## Lowest Channel / QPSK



Date: 10 DEC 2019 02:08:07

## Lowest Channel / 16QAM

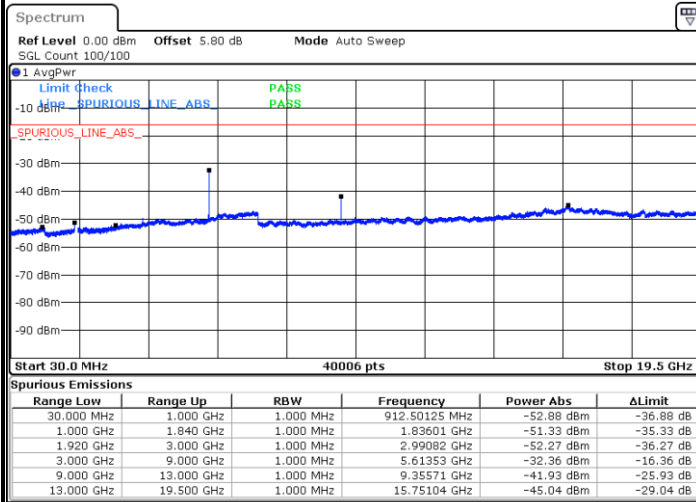


Date: 10 DEC 2019 02:09:02



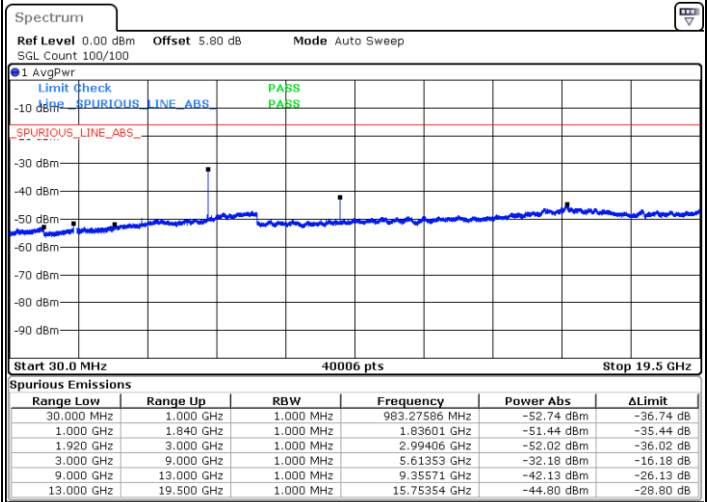
## LTE Band 25 / 20MHz

## Middle Channel / QPSK



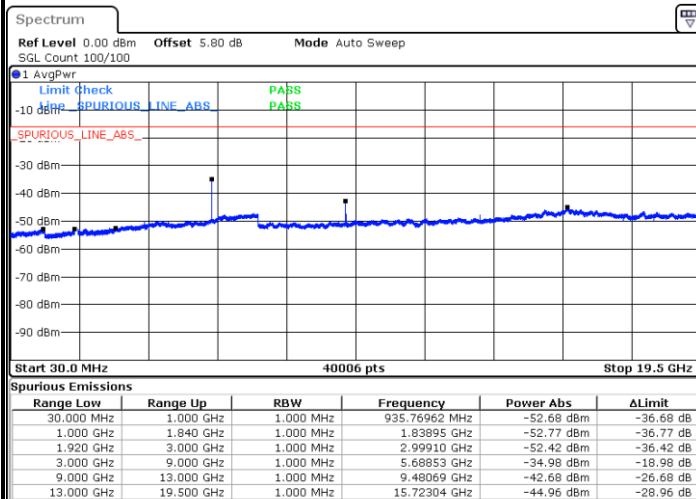
Date: 10 DEC 2019 02:26:56

## Middle Channel / 16QAM



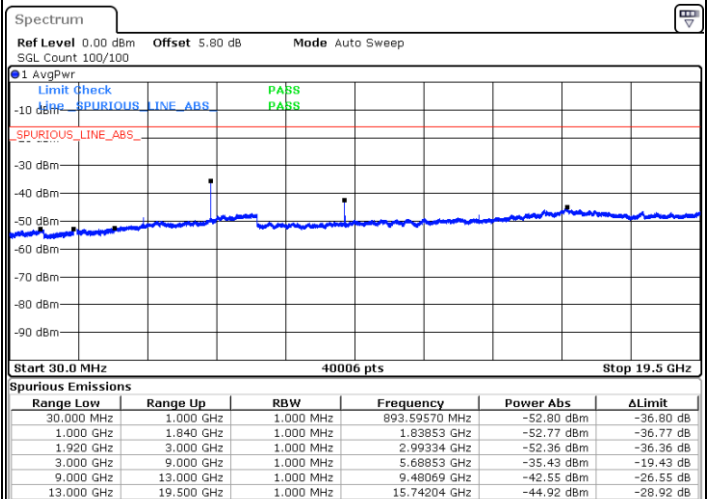
Date: 10 DEC 2019 02:27:59

## Highest Channel / QPSK



Date: 10 DEC 2019 02:32:09

## Highest Channel / 16QAM

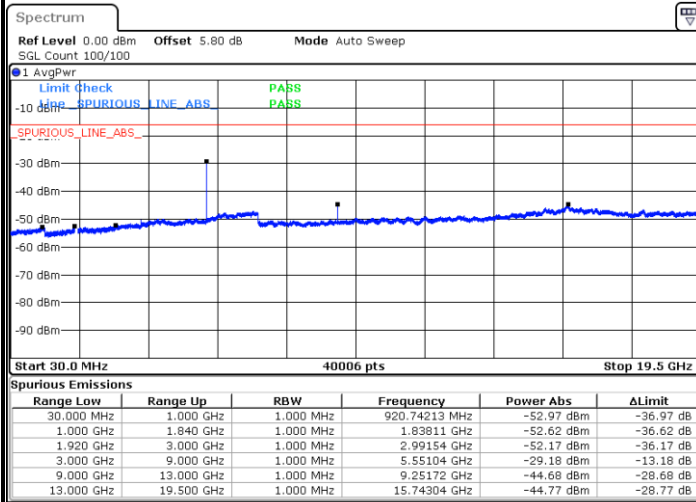


Date: 10 DEC 2019 02:33:13



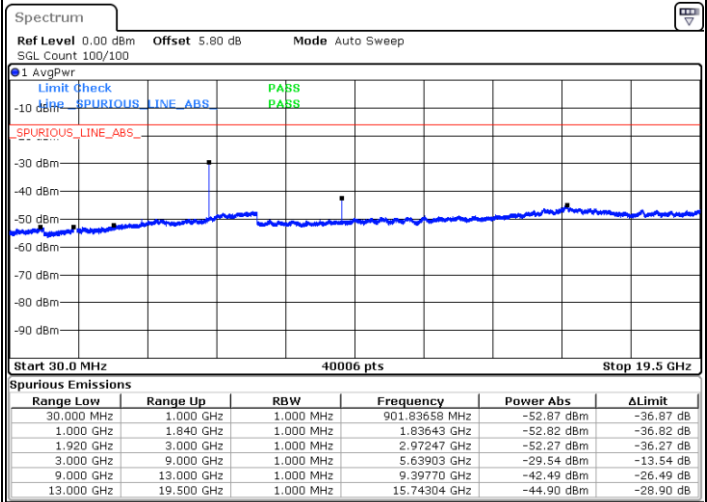
## LTE Band 25 / 1.4MHz

## Lowest Channel / 64QAM



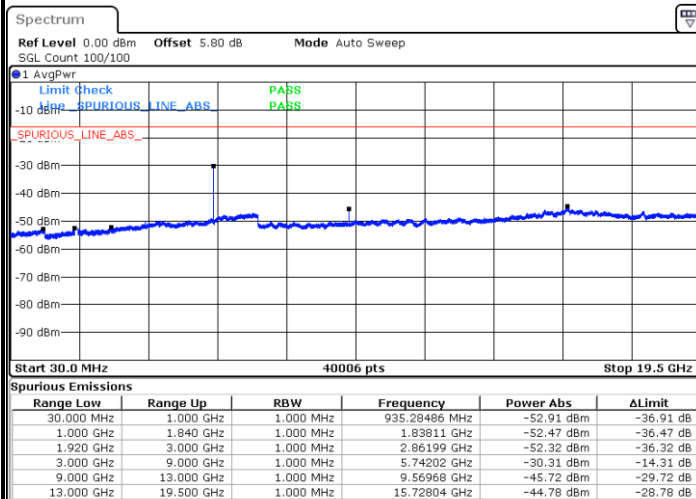
Date: 10 DEC 2019 00:44:54

## Middle Channel / 64QAM



Date: 10 DEC 2019 00:50:47

## Highest Channel / 64QAM

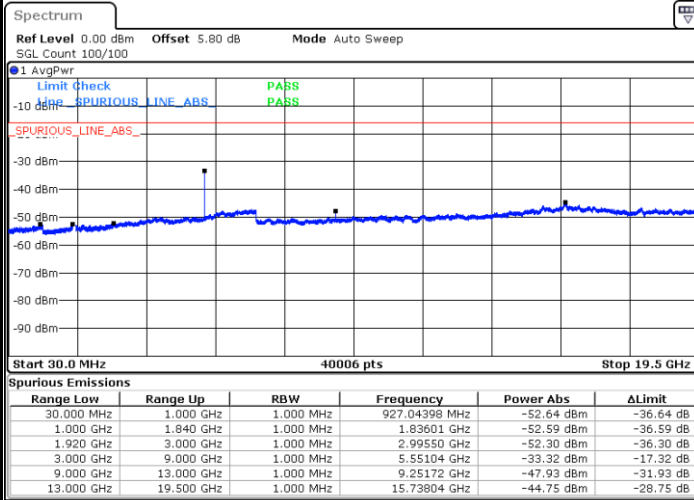


Date: 10 DEC 2019 00:55:27



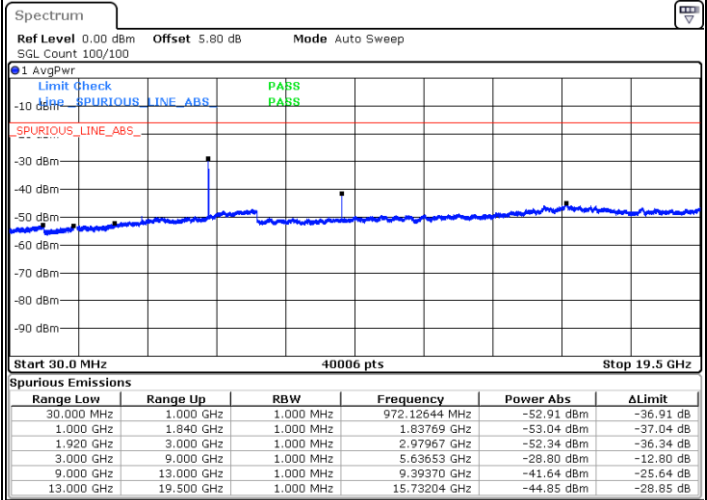
## LTE Band 25 / 3MHz

## Lowest Channel / 64QAM



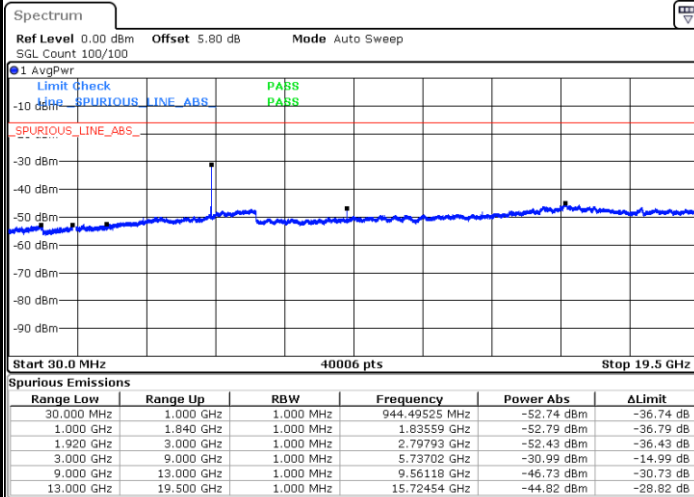
Date: 10 DEC 2019 01:02:24

## Middle Channel / 64QAM



Date: 10 DEC 2019 01:06:30

## Highest Channel / 64QAM



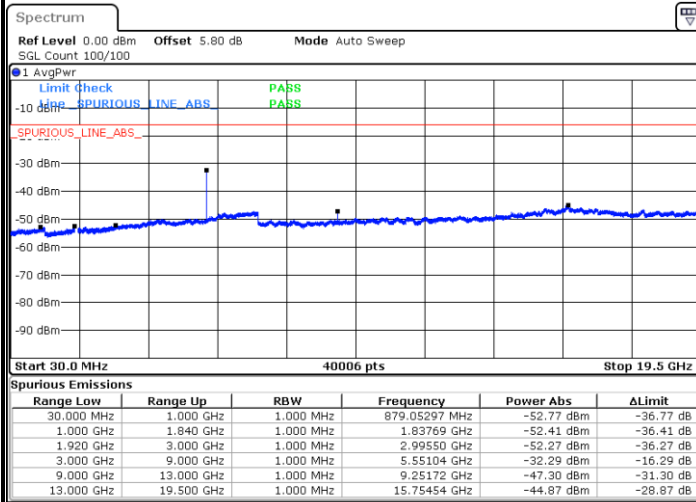
Date: 10 DEC 2019 01:11:07





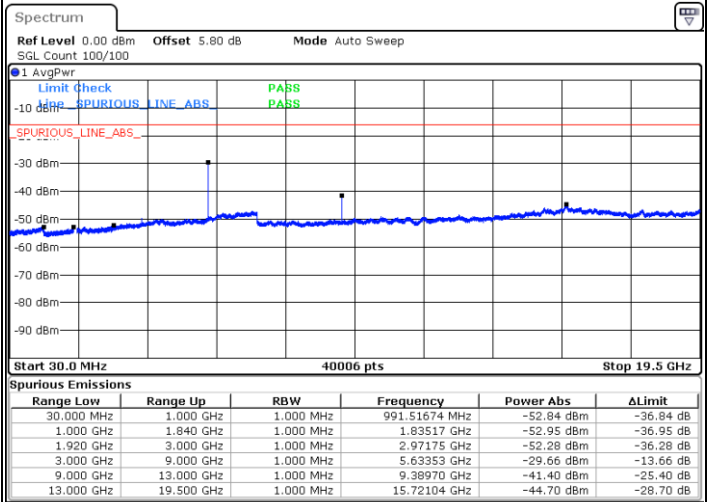
## LTE Band 25 / 5MHz

## Lowest Channel / 64QAM



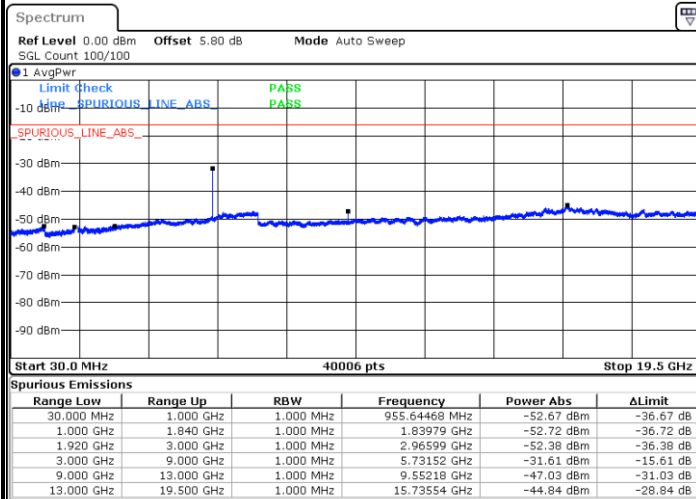
Date: 10 DEC 2019 01:23:45

## Middle Channel / 64QAM



Date: 10 DEC 2019 01:28:53

## Highest Channel / 64QAM

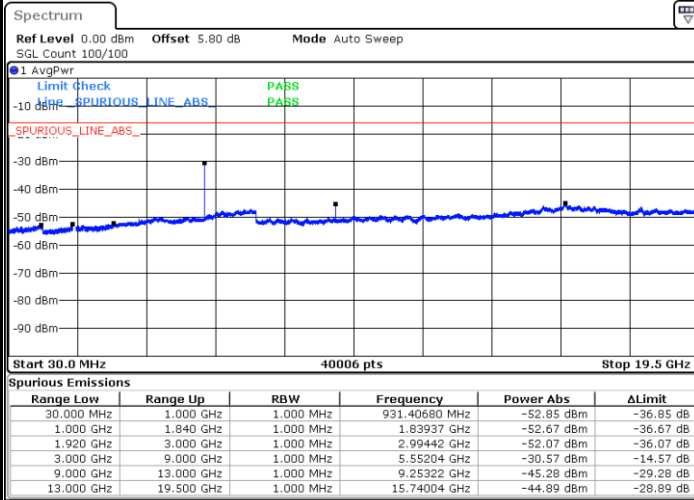


Date: 10 DEC 2019 01:36:07



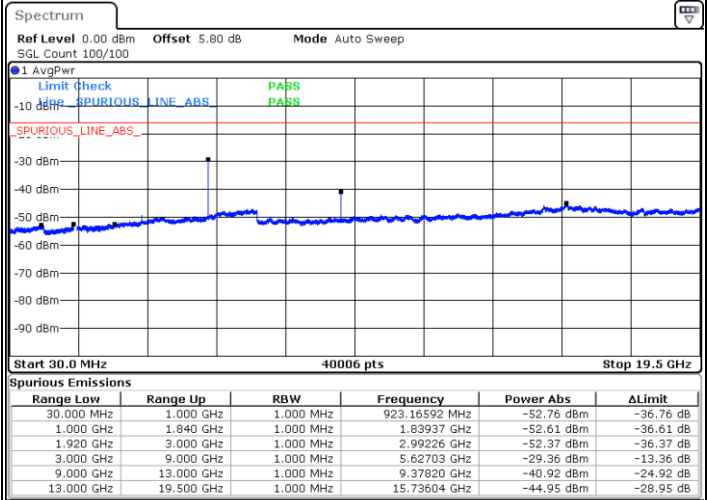
## LTE Band 25 / 10MHz

## Lowest Channel / 64QAM



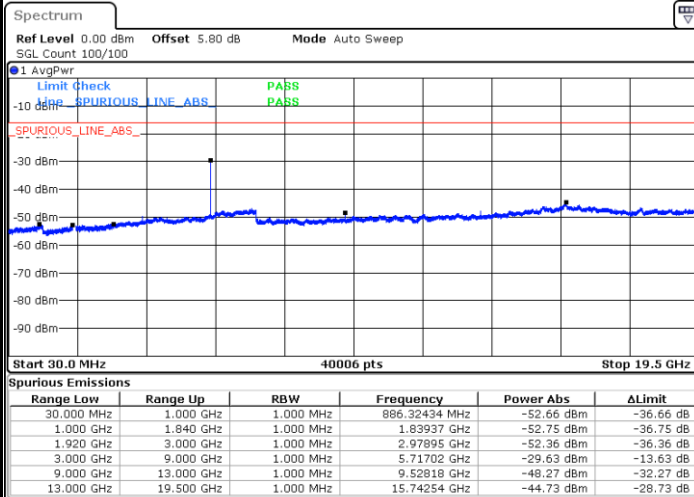
Date: 10 DEC 2019 01:40:44

## Middle Channel / 64QAM



Date: 10 DEC 2019 01:45:45

## Highest Channel / 64QAM

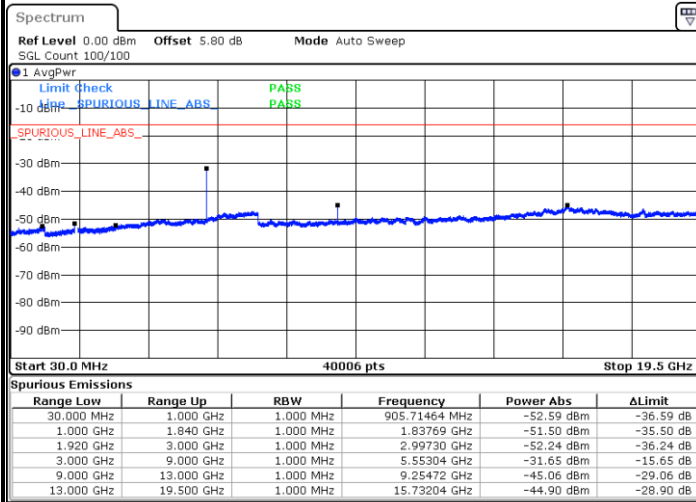


Date: 10 DEC 2019 01:50:57



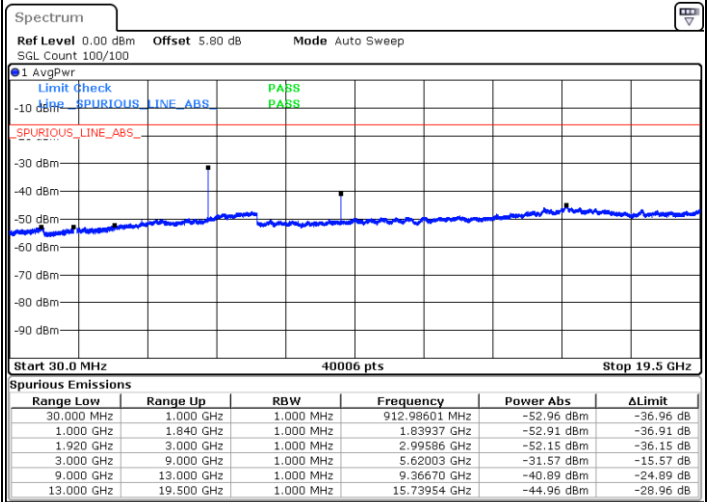
## LTE Band 25 / 15MHz

## Lowest Channel / 64QAM



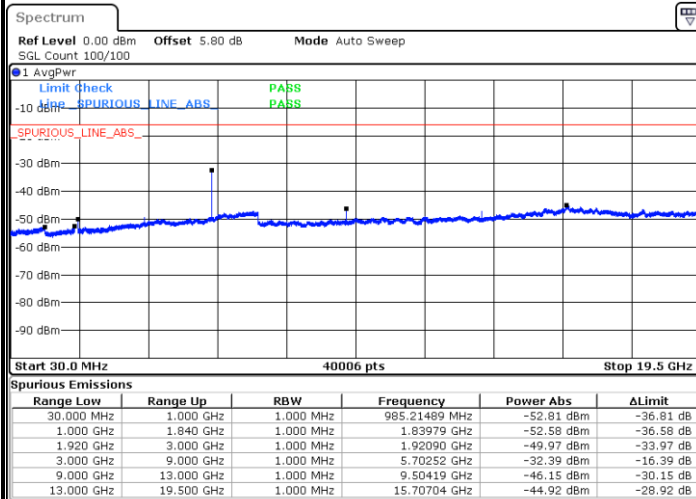
Date: 10 DEC 2019 01:55:36

## Middle Channel / 64QAM



Date: 10 DEC 2019 02:00:31

## Highest Channel / 64QAM

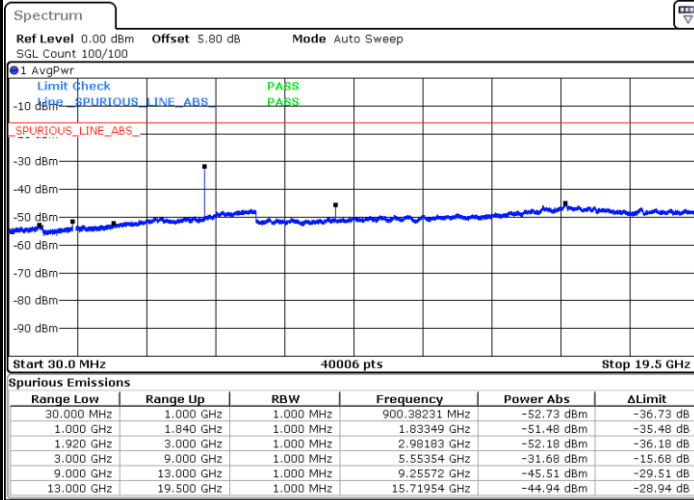


Date: 10 DEC 2019 02:04:49



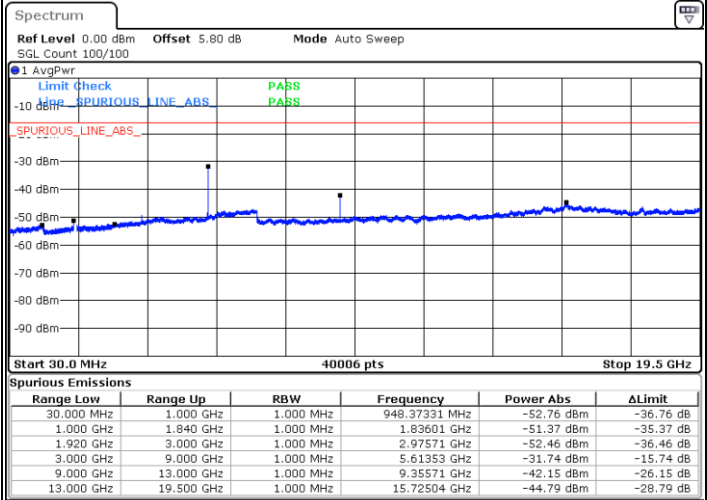
## LTE Band 25 / 20MHz

## Lowest Channel / 64QAM



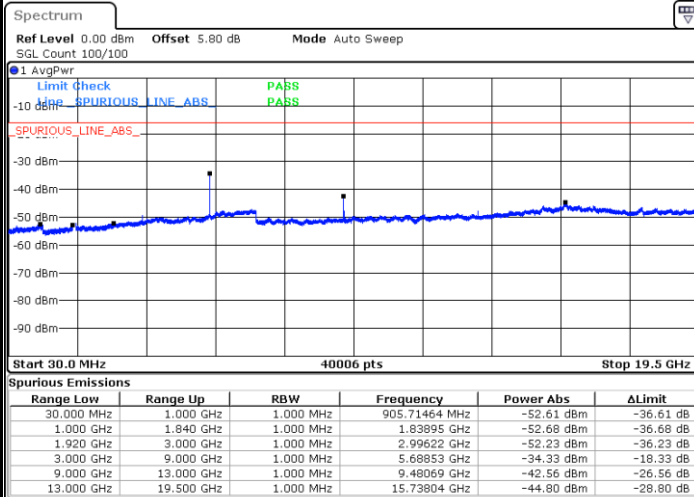
Date: 10 DEC 2019 02:24:03

## Middle Channel / 64QAM



Date: 10 DEC 2019 02:28:52

## Highest Channel / 64QAM



Date: 10 DEC 2019 02:34:13

**A.3.7 Frequency Stability**

| Test Conditions  |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0022                             | PASS    |
| 40               | Normal Voltage    | 0.0016                             |         |
| 30               | Normal Voltage    | 0.0021                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0008                             |         |
| 0                | Normal Voltage    | 0.0013                             |         |
| -10              | Normal Voltage    | 0.0019                             |         |
| -20              | Normal Voltage    | 0.0019                             |         |
| -30              | Normal Voltage    | 0.0018                             |         |
| 20               | Maximum Voltage   | 0.0023                             |         |
| 20               | Normal Voltage    | 0.0031                             |         |
| 20               | Battery End Point | 0.0004                             |         |

**Note:**

1. Normal Voltage =120 V. ; Battery End Point (BEP) =90 V. ; Maximum Voltage =264 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



| 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    | 0.0021                             | PASS    |
| 40                  | Normal Voltage    | 0.0016                             |         |
| 30                  | Normal Voltage    | 0.0021                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0008                             |         |
| 0                   | Normal Voltage    | 0.0013                             |         |
| -10                 | Normal Voltage    | 0.0019                             |         |
| -20                 | Normal Voltage    | 0.0019                             |         |
| -30                 | Normal Voltage    | 0.0018                             |         |
| 20                  | Maximum Voltage   | 0.0023                             |         |
| 20                  | Normal Voltage    | 0.0029                             |         |
| 20                  | Battery End Point | 0.0005                             |         |

**Note:**

1. Normal Voltage =120 V. ; Battery End Point (BEP) =90 V. ; Maximum Voltage =264 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions  |                   | LTE Band 25 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0020                              | PASS    |
| 40               | Normal Voltage    | 0.0013                              |         |
| 30               | Normal Voltage    | 0.0003                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0023                              |         |
| 0                | Normal Voltage    | 0.0007                              |         |
| -10              | Normal Voltage    | 0.0003                              |         |
| -20              | Normal Voltage    | 0.0009                              |         |
| -30              | Normal Voltage    | 0.0013                              |         |
| 20               | Maximum Voltage   | 0.0001                              |         |
| 20               | Normal Voltage    | 0.0020                              |         |
| 20               | Battery End Point | 0.0014                              |         |

**Note:**

1. Normal Voltage =120 V. ; Battery End Point (BEP) =90 V. ; Maximum Voltage =264 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## A.4 MIMO Antenna 1+2

### A.4.1 Conducted Output Power(Average power)

| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                     | 1       | 0         | QPSK   | 17.22  | 19.21  | 19.22   |
| 20                                     | 1       | 99        |        | 19.58  | 19.25  | 19.18   |
| 20                                     | 18      | 0         |        | 17.26  | 19.21  | 19.51   |
| 20                                     | 18      | 82        |        | 19.18  | 18.73  | 18.55   |
| 20                                     | 100     | 0         |        | 18.75  | 19.13  | 19.07   |
| 20                                     | 1       | 0         | 16-QAM | 17.03  | 19.08  | 19.09   |
| 20                                     | 1       | 99        |        | 19.33  | 19.14  | 19.00   |
| 20                                     | 18      | 0         |        | 17.18  | 19.16  | 19.43   |
| 20                                     | 18      | 82        |        | 19.16  | 18.70  | 18.49   |
| 20                                     | 100     | 0         |        | 18.78  | 19.08  | 18.92   |
| 20                                     | 1       | 0         | 64-QAM | 17.10  | 19.13  | 19.08   |
| 20                                     | 1       | 99        |        | 19.60  | 19.13  | 19.11   |
| 20                                     | 18      | 0         |        | 17.23  | 19.29  | 19.45   |
| 20                                     | 18      | 82        |        | 19.11  | 18.68  | 18.40   |
| 20                                     | 100     | 0         |        | 18.69  | 19.09  | 19.01   |
| 15                                     | 1       | 0         | QPSK   | 17.76  | 19.82  | 19.53   |
| 15                                     | 1       | 74        |        | 19.19  | 19.16  | 19.00   |
| 15                                     | 16      | 0         |        | 17.00  | 19.41  | 19.18   |
| 15                                     | 16      | 59        |        | 19.19  | 19.14  | 19.04   |
| 15                                     | 75      | 0         |        | 18.01  | 19.11  | 18.81   |
| 15                                     | 1       | 0         | 16-QAM | 17.18  | 19.48  | 19.21   |
| 15                                     | 1       | 74        |        | 18.93  | 19.19  | 18.83   |
| 15                                     | 16      | 0         |        | 16.90  | 19.38  | 19.22   |
| 15                                     | 16      | 59        |        | 18.70  | 19.20  | 19.01   |
| 15                                     | 75      | 0         |        | 18.05  | 19.18  | 18.80   |
| 15                                     | 1       | 0         | 64-QAM | 17.24  | 19.13  | 19.50   |
| 15                                     | 1       | 74        |        | 19.08  | 19.11  | 18.96   |
| 15                                     | 16      | 0         |        | 16.89  | 16.43  | 19.08   |
| 15                                     | 16      | 59        |        | 18.68  | 18.55  | 18.91   |
| 15                                     | 75      | 0         |        | 17.97  | 17.89  | 18.78   |





| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 16.86  | 19.03  | 18.93   |
| 10                                     | 1       | 49        |        | 19.02  | 19.08  | 18.97   |
| 10                                     | 12      | 0         |        | 16.95  | 19.35  | 19.07   |
| 10                                     | 12      | 38        |        | 18.74  | 19.18  | 18.67   |
| 10                                     | 50      | 0         |        | 18.03  | 19.12  | 18.82   |
| 10                                     | 1       | 0         | 16-QAM | 16.78  | 19.71  | 18.63   |
| 10                                     | 1       | 49        |        | 18.88  | 19.36  | 20.53   |
| 10                                     | 12      | 0         |        | 16.98  | 19.35  | 18.98   |
| 10                                     | 12      | 38        |        | 18.71  | 19.23  | 18.58   |
| 10                                     | 50      | 0         |        | 18.02  | 19.13  | 18.70   |
| 10                                     | 1       | 0         | 64-QAM | 16.97  | 19.73  | 18.80   |
| 10                                     | 1       | 49        |        | 19.04  | 19.20  | 18.96   |
| 10                                     | 12      | 0         |        | 16.98  | 19.30  | 18.93   |
| 10                                     | 12      | 38        |        | 18.70  | 19.16  | 18.49   |
| 10                                     | 50      | 0         |        | 18.01  | 19.07  | 18.78   |
| 5                                      | 1       | 0         | QPSK   | 16.73  | 19.26  | 18.78   |
| 5                                      | 1       | 24        |        | 18.43  | 18.08  | 18.33   |
| 5                                      | 8       | 0         |        | 17.01  | 19.63  | 19.07   |
| 5                                      | 8       | 17        |        | 17.93  | 18.54  | 18.40   |
| 5                                      | 25      | 0         |        | 16.13  | 19.39  | 18.59   |
| 5                                      | 1       | 0         | 16-QAM | 16.49  | 18.98  | 18.67   |
| 5                                      | 1       | 24        |        | 18.43  | 17.95  | 18.13   |
| 5                                      | 8       | 0         |        | 16.93  | 19.67  | 18.96   |
| 5                                      | 8       | 17        |        | 17.79  | 18.55  | 18.38   |
| 5                                      | 25      | 0         |        | 17.13  | 18.90  | 18.55   |
| 5                                      | 1       | 0         | 64-QAM | 16.80  | 19.08  | 18.73   |
| 5                                      | 1       | 24        |        | 18.38  | 18.09  | 18.20   |
| 5                                      | 8       | 0         |        | 17.00  | 19.61  | 19.01   |
| 5                                      | 8       | 17        |        | 17.95  | 18.63  | 18.46   |
| 5                                      | 25      | 0         |        | 17.11  | 18.85  | 18.55   |



| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                      | 1       | 0         | QPSK   | 17.52  | 19.74  | 18.33   |
| 3                                      | 1       | 14        |        | 17.26  | 18.80  | 19.09   |
| 3                                      | 15      | 0         |        | 17.39  | 19.17  | 18.43   |
| 3                                      | 1       | 0         | 16-QAM | 18.05  | 19.52  | 17.94   |
| 3                                      | 1       | 14        |        | 17.23  | 18.58  | 18.06   |
| 3                                      | 15      | 0         |        | 17.35  | 19.21  | 18.42   |
| 3                                      | 1       | 0         | 64-QAM | 17.49  | 19.62  | 18.23   |
| 3                                      | 1       | 14        |        | 17.33  | 18.80  | 19.11   |
| 3                                      | 15      | 0         |        | 17.35  | 19.16  | 18.45   |
| 1.4                                    | 1       | 0         | QPSK   | 17.13  | 19.74  | 18.88   |
| 1.4                                    | 1       | 5         |        | 17.23  | 19.40  | 18.81   |
| 1.4                                    | 6       | 0         |        | 17.11  | 19.57  | 18.80   |
| 1.4                                    | 1       | 0         | 16-QAM | 17.07  | 18.94  | 18.54   |
| 1.4                                    | 1       | 5         |        | 17.24  | 17.96  | 18.80   |
| 1.4                                    | 6       | 0         |        | 17.08  | 19.13  | 18.74   |
| 1.4                                    | 1       | 0         | 64-QAM | 17.80  | 19.09  | 18.83   |
| 1.4                                    | 1       | 5         |        | 17.30  | 19.24  | 18.85   |
| 1.4                                    | 6       | 0         |        | 17.03  | 19.18  | 18.73   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 17.30  | 19.29  | 19.33   |
| 20                                      | 1       | 99        |        | 19.62  | 19.32  | 19.32   |
| 20                                      | 18      | 0         |        | 17.35  | 19.39  | 19.61   |
| 20                                      | 18      | 82        |        | 19.24  | 18.79  | 18.64   |
| 20                                      | 100     | 0         |        | 18.82  | 19.23  | 19.14   |
| 20                                      | 1       | 0         | 16-QAM | 17.14  | 19.19  | 19.19   |
| 20                                      | 1       | 99        |        | 19.45  | 19.25  | 19.10   |
| 20                                      | 18      | 0         |        | 17.31  | 19.32  | 19.61   |
| 20                                      | 18      | 82        |        | 19.27  | 18.81  | 18.67   |
| 20                                      | 100     | 0         |        | 18.81  | 19.20  | 19.04   |
| 20                                      | 1       | 0         | 64-QAM | 17.23  | 19.26  | 19.29   |
| 20                                      | 1       | 99        |        | 19.69  | 19.29  | 19.33   |
| 20                                      | 18      | 0         |        | 17.36  | 19.43  | 19.59   |
| 20                                      | 18      | 82        |        | 19.23  | 18.82  | 18.61   |
| 20                                      | 100     | 0         |        | 18.81  | 19.23  | 19.12   |
| 15                                      | 1       | 0         | QPSK   | 17.34  | 19.89  | 19.63   |
| 15                                      | 1       | 74        |        | 19.28  | 19.30  | 19.11   |
| 15                                      | 16      | 0         |        | 17.08  | 19.51  | 19.29   |
| 15                                      | 16      | 59        |        | 19.30  | 19.28  | 19.10   |
| 15                                      | 75      | 0         |        | 18.12  | 19.22  | 18.91   |
| 15                                      | 1       | 0         | 16-QAM | 17.31  | 19.56  | 19.34   |
| 15                                      | 1       | 74        |        | 19.02  | 19.28  | 18.90   |
| 15                                      | 16      | 0         |        | 17.02  | 19.49  | 19.32   |
| 15                                      | 16      | 59        |        | 18.80  | 19.31  | 19.13   |
| 15                                      | 75      | 0         |        | 18.10  | 19.29  | 18.89   |
| 15                                      | 1       | 0         | 64-QAM | 17.38  | 19.30  | 19.62   |
| 15                                      | 1       | 74        |        | 19.18  | 19.25  | 19.08   |
| 15                                      | 16      | 0         |        | 16.99  | 16.60  | 19.22   |
| 15                                      | 16      | 59        |        | 18.81  | 18.71  | 19.02   |
| 15                                      | 75      | 0         |        | 18.10  | 18.01  | 18.91   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 16.92  | 19.12  | 19.01   |
| 10                                      | 1       | 49        |        | 19.10  | 19.18  | 19.07   |
| 10                                      | 12      | 0         |        | 17.05  | 19.50  | 19.14   |
| 10                                      | 12      | 38        |        | 18.82  | 19.27  | 18.71   |
| 10                                      | 50      | 0         |        | 18.14  | 19.23  | 18.90   |
| 10                                      | 1       | 0         | 16-QAM | 16.90  | 19.80  | 18.72   |
| 10                                      | 1       | 49        |        | 18.99  | 19.47  | 20.48   |
| 10                                      | 12      | 0         |        | 17.10  | 19.50  | 19.10   |
| 10                                      | 12      | 38        |        | 18.82  | 19.31  | 18.69   |
| 10                                      | 50      | 0         |        | 18.12  | 19.25  | 18.87   |
| 10                                      | 1       | 0         | 64-QAM | 17.05  | 19.83  | 18.95   |
| 10                                      | 1       | 49        |        | 19.13  | 19.32  | 19.09   |
| 10                                      | 12      | 0         |        | 17.07  | 19.51  | 19.08   |
| 10                                      | 12      | 38        |        | 18.80  | 19.30  | 18.63   |
| 10                                      | 50      | 0         |        | 18.12  | 19.22  | 18.90   |
| 5                                       | 1       | 0         | QPSK   | 16.82  | 19.29  | 18.91   |
| 5                                       | 1       | 24        |        | 18.48  | 18.14  | 18.46   |
| 5                                       | 8       | 0         |        | 17.08  | 19.73  | 19.14   |
| 5                                       | 8       | 17        |        | 18.00  | 18.64  | 18.53   |
| 5                                       | 25      | 0         |        | 16.26  | 19.48  | 18.71   |
| 5                                       | 1       | 0         | 16-QAM | 16.60  | 19.07  | 18.76   |
| 5                                       | 1       | 24        |        | 18.52  | 18.04  | 18.22   |
| 5                                       | 8       | 0         |        | 17.00  | 19.73  | 19.07   |
| 5                                       | 8       | 17        |        | 17.91  | 18.61  | 18.48   |
| 5                                       | 25      | 0         |        | 17.22  | 19.01  | 18.68   |
| 5                                       | 1       | 0         | 64-QAM | 16.85  | 19.20  | 18.86   |
| 5                                       | 1       | 24        |        | 18.53  | 18.20  | 18.33   |
| 5                                       | 8       | 0         |        | 17.10  | 19.73  | 19.14   |
| 5                                       | 8       | 17        |        | 18.04  | 18.76  | 18.57   |
| 5                                       | 25      | 0         |        | 17.22  | 18.99  | 18.67   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                       | 1       | 0         | QPSK   | 17.61  | 19.82  | 18.43   |
| 3                                       | 1       | 14        |        | 17.40  | 18.89  | 19.23   |
| 3                                       | 15      | 0         |        | 17.50  | 19.29  | 18.56   |
| 3                                       | 1       | 0         | 16-QAM | 17.62  | 19.62  | 18.02   |
| 3                                       | 1       | 14        |        | 17.36  | 18.64  | 18.17   |
| 3                                       | 15      | 0         |        | 17.49  | 19.30  | 18.60   |
| 3                                       | 1       | 0         | 64-QAM | 17.60  | 19.73  | 18.34   |
| 3                                       | 1       | 14        |        | 17.45  | 18.93  | 19.24   |
| 3                                       | 15      | 0         |        | 17.50  | 19.28  | 18.58   |
| 1.4                                     | 1       | 0         | QPSK   | 17.23  | 19.81  | 18.95   |
| 1.4                                     | 1       | 5         |        | 17.34  | 19.50  | 18.92   |
| 1.4                                     | 6       | 0         |        | 17.17  | 19.68  | 18.93   |
| 1.4                                     | 1       | 0         | 16-QAM | 17.23  | 19.02  | 18.63   |
| 1.4                                     | 1       | 5         |        | 17.34  | 18.03  | 18.91   |
| 1.4                                     | 6       | 0         |        | 17.20  | 19.20  | 18.83   |
| 1.4                                     | 1       | 0         | 64-QAM | 17.90  | 19.19  | 18.92   |
| 1.4                                     | 1       | 5         |        | 17.43  | 19.36  | 18.96   |
| 1.4                                     | 6       | 0         |        | 17.15  | 19.27  | 18.84   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                     | 1       | 0         | QPSK   | 15.71  | 17.12  | 16.99   |
| 20                                     | 1       | 99        |        | 17.17  | 17.07  | 16.94   |
| 20                                     | 18      | 0         |        | 16.10  | 17.11  | 16.89   |
| 20                                     | 18      | 82        |        | 17.13  | 17.33  | 16.87   |
| 20                                     | 100     | 0         |        | 17.04  | 16.83  | 17.01   |
| 20                                     | 1       | 0         | 16-QAM | 15.69  | 16.94  | 17.02   |
| 20                                     | 1       | 99        |        | 17.19  | 17.01  | 16.93   |
| 20                                     | 18      | 0         |        | 16.15  | 17.11  | 16.89   |
| 20                                     | 18      | 82        |        | 17.15  | 17.37  | 16.85   |
| 20                                     | 100     | 0         |        | 16.99  | 16.82  | 17.01   |
| 20                                     | 1       | 0         | 64-QAM | 15.59  | 16.82  | 16.94   |
| 20                                     | 1       | 99        |        | 17.16  | 16.91  | 16.81   |
| 20                                     | 18      | 0         |        | 16.06  | 17.15  | 16.79   |
| 20                                     | 18      | 82        |        | 17.07  | 17.29  | 16.78   |
| 20                                     | 100     | 0         |        | 17.02  | 16.73  | 16.89   |
| 15                                     | 1       | 0         | QPSK   | 15.12  | 17.26  | 17.14   |
| 15                                     | 1       | 74        |        | 16.98  | 17.07  | 17.25   |
| 15                                     | 16      | 0         |        | 15.79  | 16.72  | 16.67   |
| 15                                     | 16      | 59        |        | 17.01  | 16.97  | 17.22   |
| 15                                     | 75      | 0         |        | 16.86  | 16.99  | 17.08   |
| 15                                     | 1       | 0         | 16-QAM | 15.13  | 17.26  | 17.11   |
| 15                                     | 1       | 74        |        | 16.92  | 17.11  | 17.22   |
| 15                                     | 16      | 0         |        | 15.73  | 16.69  | 16.65   |
| 15                                     | 16      | 59        |        | 17.00  | 16.93  | 17.18   |
| 15                                     | 75      | 0         |        | 16.85  | 17.00  | 17.03   |
| 15                                     | 1       | 0         | 64-QAM | 15.21  | 17.24  | 17.02   |
| 15                                     | 1       | 74        |        | 16.84  | 17.11  | 17.25   |
| 15                                     | 16      | 0         |        | 15.62  | 16.59  | 16.58   |
| 15                                     | 16      | 59        |        | 17.03  | 16.94  | 17.13   |
| 15                                     | 75      | 0         |        | 16.78  | 17.01  | 17.15   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 14.89  | 16.55  | 16.79   |
| 10                                     | 1       | 49        |        | 15.98  | 16.57  | 16.46   |
| 10                                     | 12      | 0         |        | 15.39  | 17.03  | 17.25   |
| 10                                     | 12      | 38        |        | 17.29  | 16.85  | 17.22   |
| 10                                     | 50      | 0         |        | 16.45  | 16.81  | 17.19   |
| 10                                     | 1       | 0         | 16-QAM | 14.86  | 16.51  | 16.79   |
| 10                                     | 1       | 49        |        | 15.94  | 16.57  | 16.50   |
| 10                                     | 12      | 0         |        | 15.40  | 16.98  | 17.28   |
| 10                                     | 12      | 38        |        | 17.32  | 16.85  | 17.25   |
| 10                                     | 50      | 0         |        | 16.45  | 16.82  | 17.22   |
| 10                                     | 1       | 0         | 64-QAM | 15.04  | 16.52  | 16.78   |
| 10                                     | 1       | 49        |        | 15.89  | 16.59  | 16.42   |
| 10                                     | 12      | 0         |        | 15.32  | 16.92  | 17.17   |
| 10                                     | 12      | 38        |        | 17.29  | 16.81  | 17.14   |
| 10                                     | 50      | 0         |        | 16.49  | 16.71  | 17.25   |
| 5                                      | 1       | 0         | QPSK   | 14.67  | 16.04  | 16.50   |
| 5                                      | 1       | 24        |        | 15.54  | 15.85  | 16.23   |
| 5                                      | 8       | 0         |        | 15.51  | 17.02  | 17.14   |
| 5                                      | 8       | 17        |        | 15.93  | 16.81  | 16.88   |
| 5                                      | 25      | 0         |        | 15.44  | 16.36  | 16.91   |
| 5                                      | 1       | 0         | 16-QAM | 14.66  | 15.99  | 16.46   |
| 5                                      | 1       | 24        |        | 15.53  | 15.83  | 16.20   |
| 5                                      | 8       | 0         |        | 15.48  | 17.00  | 17.12   |
| 5                                      | 8       | 17        |        | 15.89  | 16.75  | 16.84   |
| 5                                      | 25      | 0         |        | 15.42  | 16.30  | 16.92   |
| 5                                      | 1       | 0         | 64-QAM | 14.59  | 15.94  | 16.42   |
| 5                                      | 1       | 24        |        | 15.57  | 15.76  | 16.13   |
| 5                                      | 8       | 0         |        | 15.41  | 16.93  | 17.15   |
| 5                                      | 8       | 17        |        | 15.82  | 16.65  | 16.71   |
| 5                                      | 25      | 0         |        | 15.33  | 16.30  | 16.93   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                      | 1       | 0         | QPSK   | 14.89  | 16.53  | 16.74   |
| 3                                      | 1       | 14        |        | 15.09  | 16.27  | 16.72   |
| 3                                      | 15      | 0         |        | 15.11  | 16.81  | 17.04   |
| 3                                      | 1       | 0         | 16-QAM | 14.90  | 16.50  | 16.78   |
| 3                                      | 1       | 14        |        | 15.07  | 16.24  | 16.70   |
| 3                                      | 15      | 0         |        | 15.12  | 16.85  | 17.04   |
| 3                                      | 1       | 0         | 64-QAM | 14.80  | 16.43  | 16.68   |
| 3                                      | 1       | 14        |        | 14.98  | 16.17  | 16.64   |
| 3                                      | 15      | 0         |        | 15.12  | 16.75  | 17.03   |
| 1.4                                    | 1       | 0         | QPSK   | 15.08  | 16.50  | 16.95   |
| 1.4                                    | 1       | 5         |        | 15.10  | 16.47  | 16.93   |
| 1.4                                    | 6       | 0         |        | 15.06  | 16.44  | 16.87   |
| 1.4                                    | 1       | 0         | 16-QAM | 15.12  | 16.51  | 16.93   |
| 1.4                                    | 1       | 5         |        | 15.12  | 16.42  | 16.97   |
| 1.4                                    | 6       | 0         |        | 15.05  | 16.40  | 16.83   |
| 1.4                                    | 1       | 0         | 64-QAM | 15.05  | 16.44  | 16.83   |
| 1.4                                    | 1       | 5         |        | 15.07  | 16.34  | 16.87   |
| 1.4                                    | 6       | 0         |        | 15.00  | 16.31  | 16.77   |





| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                     | 1       | 0         | QPSK   | 16.64  | 17.49  | 16.71   |
| 20                                     | 1       | 99        |        | 16.87  | 17.47  | 16.64   |
| 20                                     | 18      | 0         |        | 16.87  | 17.45  | 16.58   |
| 20                                     | 18      | 82        |        | 16.64  | 17.37  | 16.65   |
| 20                                     | 100     | 0         |        | 16.61  | 17.16  | 16.81   |
| 20                                     | 1       | 0         | 16-QAM | 16.48  | 17.28  | 16.76   |
| 20                                     | 1       | 99        |        | 16.77  | 17.38  | 16.30   |
| 20                                     | 18      | 0         |        | 16.76  | 17.34  | 16.44   |
| 20                                     | 18      | 82        |        | 16.65  | 17.22  | 16.22   |
| 20                                     | 100     | 0         |        | 16.73  | 17.48  | 16.62   |
| 20                                     | 1       | 0         | 64-QAM | 16.56  | 17.40  | 16.75   |
| 20                                     | 1       | 99        |        | 16.88  | 17.39  | 16.32   |
| 20                                     | 18      | 0         |        | 16.75  | 17.33  | 16.49   |
| 20                                     | 18      | 82        |        | 16.61  | 17.23  | 16.22   |
| 20                                     | 100     | 0         |        | 16.59  | 17.16  | 16.65   |
| 15                                     | 1       | 0         | QPSK   | 16.52  | 17.35  | 17.30   |
| 15                                     | 1       | 74        |        | 16.92  | 17.32  | 16.67   |
| 15                                     | 16      | 0         |        | 16.32  | 16.96  | 16.59   |
| 15                                     | 16      | 59        |        | 16.92  | 17.14  | 16.99   |
| 15                                     | 75      | 0         |        | 16.81  | 17.36  | 17.45   |
| 15                                     | 1       | 0         | 16-QAM | 16.33  | 17.45  | 16.74   |
| 15                                     | 1       | 74        |        | 16.62  | 17.47  | 16.43   |
| 15                                     | 16      | 0         |        | 16.16  | 17.27  | 16.23   |
| 15                                     | 16      | 59        |        | 16.93  | 17.45  | 16.32   |
| 15                                     | 75      | 0         |        | 16.92  | 17.15  | 16.76   |
| 15                                     | 1       | 0         | 64-QAM | 16.38  | 17.23  | 16.42   |
| 15                                     | 1       | 74        |        | 16.69  | 16.33  | 16.39   |
| 15                                     | 16      | 0         |        | 16.32  | 17.00  | 16.15   |
| 15                                     | 16      | 59        |        | 16.89  | 17.37  | 16.63   |
| 15                                     | 75      | 0         |        | 16.76  | 17.09  | 16.73   |



| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 16.61  | 17.48  | 17.06   |
| 10                                     | 1       | 49        |        | 16.73  | 17.35  | 16.45   |
| 10                                     | 12      | 0         |        | 16.90  | 17.40  | 17.47   |
| 10                                     | 12      | 38        |        | 16.68  | 17.22  | 16.43   |
| 10                                     | 50      | 0         |        | 16.91  | 17.21  | 16.90   |
| 10                                     | 1       | 0         | 16-QAM | 16.47  | 17.31  | 16.63   |
| 10                                     | 1       | 49        |        | 16.68  | 17.18  | 16.15   |
| 10                                     | 12      | 0         |        | 16.32  | 17.25  | 16.80   |
| 10                                     | 12      | 38        |        | 16.58  | 17.24  | 16.32   |
| 10                                     | 50      | 0         |        | 16.79  | 17.13  | 16.82   |
| 10                                     | 1       | 0         | 64-QAM | 16.48  | 17.32  | 16.85   |
| 10                                     | 1       | 49        |        | 16.56  | 17.26  | 16.38   |
| 10                                     | 12      | 0         |        | 16.32  | 17.21  | 16.74   |
| 10                                     | 12      | 38        |        | 16.35  | 17.19  | 16.75   |
| 10                                     | 50      | 0         |        | 16.82  | 17.14  | 16.82   |
| 5                                      | 1       | 0         | QPSK   | 16.33  | 17.31  | 16.61   |
| 5                                      | 1       | 24        |        | 16.87  | 17.23  | 16.65   |
| 5                                      | 8       | 0         |        | 17.02  | 17.47  | 17.06   |
| 5                                      | 8       | 17        |        | 16.91  | 17.15  | 16.82   |
| 5                                      | 25      | 0         |        | 16.82  | 17.18  | 16.90   |
| 5                                      | 1       | 0         | 16-QAM | 16.70  | 17.28  | 16.61   |
| 5                                      | 1       | 24        |        | 17.01  | 17.01  | 16.55   |
| 5                                      | 8       | 0         |        | 17.02  | 17.45  | 17.15   |
| 5                                      | 8       | 17        |        | 16.94  | 17.02  | 16.41   |
| 5                                      | 25      | 0         |        | 16.65  | 17.08  | 16.59   |
| 5                                      | 1       | 0         | 64-QAM | 16.75  | 17.28  | 16.86   |
| 5                                      | 1       | 24        |        | 16.94  | 16.92  | 16.39   |
| 5                                      | 8       | 0         |        | 16.92  | 17.49  | 16.92   |
| 5                                      | 8       | 17        |        | 16.91  | 16.92  | 16.40   |
| 5                                      | 25      | 0         |        | 16.75  | 17.02  | 16.47   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 15.60  | 17.02  | 16.93   |
| 20                                      | 1       | 99        |        | 17.07  | 16.98  | 16.85   |
| 20                                      | 18      | 0         |        | 15.98  | 17.03  | 16.81   |
| 20                                      | 18      | 82        |        | 17.03  | 17.25  | 16.79   |
| 20                                      | 100     | 0         |        | 16.95  | 16.70  | 16.89   |
| 20                                      | 1       | 0         | 16-QAM | 15.60  | 16.84  | 16.90   |
| 20                                      | 1       | 99        |        | 17.00  | 16.84  | 16.80   |
| 20                                      | 18      | 0         |        | 15.99  | 16.96  | 16.75   |
| 20                                      | 18      | 82        |        | 17.03  | 17.21  | 16.75   |
| 20                                      | 100     | 0         |        | 16.38  | 16.57  | 16.89   |
| 20                                      | 1       | 0         | 64-QAM | 15.47  | 16.71  | 16.79   |
| 20                                      | 1       | 99        |        | 17.03  | 16.80  | 16.72   |
| 20                                      | 18      | 0         |        | 15.94  | 17.04  | 16.65   |
| 20                                      | 18      | 82        |        | 16.95  | 17.11  | 16.65   |
| 20                                      | 100     | 0         |        | 16.91  | 16.65  | 16.80   |
| 15                                      | 1       | 0         | QPSK   | 14.97  | 17.13  | 16.98   |
| 15                                      | 1       | 74        |        | 16.84  | 16.98  | 17.08   |
| 15                                      | 16      | 0         |        | 15.66  | 16.61  | 16.53   |
| 15                                      | 16      | 59        |        | 16.89  | 16.84  | 17.09   |
| 15                                      | 75      | 0         |        | 16.71  | 16.85  | 16.99   |
| 15                                      | 1       | 0         | 16-QAM | 15.01  | 17.15  | 16.95   |
| 15                                      | 1       | 74        |        | 16.42  | 17.00  | 17.07   |
| 15                                      | 16      | 0         |        | 15.60  | 16.59  | 16.54   |
| 15                                      | 16      | 59        |        | 16.88  | 16.80  | 17.09   |
| 15                                      | 75      | 0         |        | 16.73  | 16.86  | 16.91   |
| 15                                      | 1       | 0         | 64-QAM | 15.09  | 17.13  | 16.91   |
| 15                                      | 1       | 74        |        | 16.67  | 17.01  | 17.07   |
| 15                                      | 16      | 0         |        | 15.50  | 16.45  | 16.45   |
| 15                                      | 16      | 59        |        | 16.92  | 16.83  | 16.98   |
| 15                                      | 75      | 0         |        | 16.67  | 16.88  | 17.01   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 14.77  | 16.42  | 16.70   |
| 10                                      | 1       | 49        |        | 15.86  | 16.46  | 16.35   |
| 10                                      | 12      | 0         |        | 15.23  | 16.88  | 17.13   |
| 10                                      | 12      | 38        |        | 17.16  | 16.72  | 17.08   |
| 10                                      | 50      | 0         |        | 16.34  | 16.69  | 17.08   |
| 10                                      | 1       | 0         | 16-QAM | 14.77  | 16.35  | 16.65   |
| 10                                      | 1       | 49        |        | 15.81  | 16.45  | 16.39   |
| 10                                      | 12      | 0         |        | 15.28  | 16.90  | 17.13   |
| 10                                      | 12      | 38        |        | 17.21  | 16.76  | 17.08   |
| 10                                      | 50      | 0         |        | 16.33  | 16.72  | 17.14   |
| 10                                      | 1       | 0         | 64-QAM | 14.90  | 16.42  | 16.62   |
| 10                                      | 1       | 49        |        | 15.76  | 16.46  | 16.26   |
| 10                                      | 12      | 0         |        | 15.12  | 16.83  | 17.04   |
| 10                                      | 12      | 38        |        | 17.13  | 16.69  | 17.00   |
| 10                                      | 50      | 0         |        | 16.35  | 16.58  | 17.13   |
| 5                                       | 1       | 0         | QPSK   | 14.58  | 15.91  | 16.41   |
| 5                                       | 1       | 24        |        | 15.42  | 15.74  | 16.12   |
| 5                                       | 8       | 0         |        | 15.35  | 16.92  | 17.04   |
| 5                                       | 8       | 17        |        | 15.83  | 16.73  | 16.77   |
| 5                                       | 25      | 0         |        | 15.28  | 16.25  | 16.82   |
| 5                                       | 1       | 0         | 16-QAM | 14.55  | 15.80  | 16.34   |
| 5                                       | 1       | 24        |        | 15.38  | 15.74  | 16.12   |
| 5                                       | 8       | 0         |        | 15.84  | 16.90  | 16.98   |
| 5                                       | 8       | 17        |        | 15.78  | 16.65  | 16.73   |
| 5                                       | 25      | 0         |        | 15.25  | 16.22  | 16.81   |
| 5                                       | 1       | 0         | 64-QAM | 14.52  | 15.80  | 16.28   |
| 5                                       | 1       | 24        |        | 15.44  | 15.67  | 16.02   |
| 5                                       | 8       | 0         |        | 15.21  | 16.79  | 17.08   |
| 5                                       | 8       | 17        |        | 15.68  | 16.52  | 16.62   |
| 5                                       | 25      | 0         |        | 15.21  | 16.18  | 16.83   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                       | 1       | 0         | QPSK   | 14.82  | 16.40  | 16.64   |
| 3                                       | 1       | 14        |        | 14.96  | 16.15  | 16.62   |
| 3                                       | 15      | 0         |        | 15.02  | 16.72  | 16.96   |
| 3                                       | 1       | 0         | 16-QAM | 14.80  | 16.35  | 16.65   |
| 3                                       | 1       | 14        |        | 14.91  | 16.06  | 16.55   |
| 3                                       | 15      | 0         |        | 15.02  | 16.75  | 16.90   |
| 3                                       | 1       | 0         | 64-QAM | 14.67  | 16.23  | 16.59   |
| 3                                       | 1       | 14        |        | 14.82  | 16.06  | 16.50   |
| 3                                       | 15      | 0         |        | 14.98  | 16.66  | 16.87   |
| 1.4                                     | 1       | 0         | QPSK   | 14.98  | 16.34  | 16.84   |
| 1.4                                     | 1       | 5         |        | 14.99  | 16.34  | 16.80   |
| 1.4                                     | 6       | 0         |        | 14.93  | 16.23  | 16.77   |
| 1.4                                     | 1       | 0         | 16-QAM | 15.01  | 16.43  | 16.83   |
| 1.4                                     | 1       | 5         |        | 14.99  | 16.29  | 16.90   |
| 1.4                                     | 6       | 0         |        | 14.96  | 16.33  | 16.76   |
| 1.4                                     | 1       | 0         | 64-QAM | 14.88  | 16.23  | 16.70   |
| 1.4                                     | 1       | 5         |        | 14.88  | 16.18  | 16.73   |
| 1.4                                     | 6       | 0         |        | 14.85  | 16.13  | 16.64   |

**A.4.2 EIRP**

Antenna Directional Gain:

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

The EUT supports CDD Mode; Directional gain is calculated as:

$$\text{Directional gain} = G_{\text{ANT}} + \text{Array Gain};$$

$$\text{Array Gain} = 10 \log(N_{\text{ANT}}/N_{\text{SS}}) \text{ dB};$$

Where:

$G_{\text{ANT}}$  = single antenna gain (If all antennas have the same gain)

$N_{\text{SS}}$  = the number of independent spatial streams of data;

$N_{\text{ANT}}$  = the total number of antennas

| LTE Band 4 (GT - LC = 12.51 dB) QPSK |        |        |        |        |        |        |        |        |        |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                            | 1.4M   |        |        | 3M     |        |        | 5M     |        |        |
| Channel                              | 19957  | 20175  | 20393  | 19965  | 20175  | 20385  | 19975  | 20175  | 20375  |
|                                      | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                            | 1710.7 | 1732.5 | 1754.3 | 1711.5 | 1732.5 | 1753.5 | 1712.5 | 1732.5 | 1752.5 |
| (MHz)                                |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                | 15.08  | 16.50  | 16.95  | 15.11  | 16.81  | 17.04  | 15.51  | 17.02  | 17.14  |
| Conducted Power (Watts)              | 0.0322 | 0.0446 | 0.0495 | 0.0324 | 0.0480 | 0.0505 | 0.0356 | 0.0504 | 0.0517 |
| EIRP(dBm)                            | 27.59  | 29.01  | 29.46  | 27.62  | 29.32  | 29.55  | 28.02  | 29.53  | 29.65  |
| EIRP(Watts)                          | 0.5735 | 0.7954 | 0.8822 | 0.5781 | 0.8548 | 0.9006 | 0.6339 | 0.8981 | 0.9218 |

| LTE Band 4 (GT - LC = 12.51 dB) QPSK |        |        |        |        |        |        |        |        |        |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                            | 10M    |        |        | 15M    |        |        | 20M    |        |        |
| Channel                              | 20000  | 20175  | 20350  | 20025  | 20175  | 20325  | 20050  | 20175  | 20300  |
|                                      | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                            | 1715   | 1732.5 | 1750   | 1717.5 | 1732.5 | 1747.5 | 1720   | 1732.5 | 1745   |
| (MHz)                                |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                | 17.29  | 16.85  | 17.22  | 15.12  | 17.26  | 17.14  | 17.13  | 17.33  | 16.87  |
| Conducted Power (Watts)              | 0.0536 | 0.0484 | 0.0527 | 0.0325 | 0.0532 | 0.0517 | 0.0516 | 0.0541 | 0.0486 |
| EIRP(dBm)                            | 29.80  | 29.36  | 29.73  | 27.63  | 29.77  | 29.65  | 29.64  | 29.84  | 29.38  |
| EIRP(Watts)                          | 0.9546 | 0.8621 | 0.9388 | 0.5791 | 0.9476 | 0.9224 | 0.9195 | 0.9639 | 0.8666 |



| LTE Band 4 (GT - LC = 12.51 dB) 16QAM |        |        |        |        |        |        |        |        |        |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                             | 1.4M   |        |        | 3M     |        |        | 5M     |        |        |
| Channel                               | 19957  | 20175  | 20393  | 19965  | 20175  | 20385  | 19975  | 20175  | 20375  |
|                                       | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                             | 1710.7 | 1732.5 | 1754.3 | 1711.5 | 1732.5 | 1753.5 | 1712.5 | 1732.5 | 1752.5 |
| (MHz)                                 |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                 | 15.12  | 16.42  | 16.97  | 15.12  | 16.85  | 17.04  | 15.48  | 17.00  | 17.12  |
| Conducted Power (Watts)               | 0.0325 | 0.0438 | 0.0497 | 0.0325 | 0.0485 | 0.0505 | 0.0353 | 0.0502 | 0.0515 |
| EIRP(dBm)                             | 27.63  | 28.93  | 29.48  | 27.63  | 29.36  | 29.55  | 27.99  | 29.51  | 29.63  |
| EIRP(Watts)                           | 0.5795 | 0.7808 | 0.8862 | 0.5789 | 0.8638 | 0.9006 | 0.6289 | 0.8939 | 0.9176 |

| LTE Band 4 (GT - LC = 12.51 dB) 16QAM |        |        |        |        |        |        |        |        |        |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                             | 10M    |        |        | 15M    |        |        | 20M    |        |        |
| Channel                               | 20000  | 20175  | 20350  | 20025  | 20175  | 20325  | 20050  | 20175  | 20300  |
|                                       | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                             | 1715   | 1732.5 | 1750   | 1717.5 | 1732.5 | 1747.5 | 1720   | 1732.5 | 1745   |
| (MHz)                                 |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                 | 17.32  | 16.85  | 17.25  | 15.13  | 17.26  | 17.11  | 17.15  | 17.37  | 16.85  |
| Conducted Power (Watts)               | 0.0539 | 0.0484 | 0.0530 | 0.0325 | 0.0532 | 0.0514 | 0.0519 | 0.0546 | 0.0484 |
| EIRP(dBm)                             | 29.83  | 29.36  | 29.76  | 27.64  | 29.77  | 29.62  | 29.66  | 29.88  | 29.36  |
| EIRP(Watts)                           | 0.9611 | 0.8623 | 0.9453 | 0.5801 | 0.9479 | 0.9158 | 0.9248 | 0.9727 | 0.8623 |



| LTE Band 4 (GT - LC = 12.51 dB) 64QAM |        |        |        |        |        |        |        |        |        |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                             | 1.4M   |        |        | 3M     |        |        | 5M     |        |        |
| Channel                               | 19957  | 20175  | 20393  | 19965  | 20175  | 20385  | 19975  | 20175  | 20375  |
|                                       | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                             | 1710.7 | 1732.5 | 1754.3 | 1711.5 | 1732.5 | 1753.5 | 1712.5 | 1732.5 | 1752.5 |
| (MHz)                                 |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                 | 15.07  | 16.34  | 16.87  | 15.12  | 16.75  | 17.03  | 15.41  | 16.93  | 17.15  |
| Conducted Power (Watts)               | 0.0321 | 0.0431 | 0.0486 | 0.0325 | 0.0473 | 0.0504 | 0.0347 | 0.0494 | 0.0518 |
| EIRP(dBm)                             | 27.58  | 28.85  | 29.38  | 27.63  | 29.26  | 29.54  | 27.92  | 29.44  | 29.66  |
| EIRP(Watts)                           | 0.5722 | 0.7674 | 0.8670 | 0.5795 | 0.8433 | 0.8987 | 0.6188 | 0.8796 | 0.9237 |

| LTE Band 4 (GT - LC = 12.51 dB) 64QAM |        |        |        |        |        |        |        |        |        |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                             | 10M    |        |        | 15M    |        |        | 20M    |        |        |
| Channel                               | 20000  | 20175  | 20350  | 20025  | 20175  | 20325  | 20050  | 20175  | 20300  |
|                                       | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                             | 1715   | 1732.5 | 1750   | 1717.5 | 1732.5 | 1747.5 | 1720   | 1732.5 | 1745   |
| (MHz)                                 |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                 | 17.29  | 16.81  | 17.14  | 16.84  | 17.11  | 17.25  | 17.07  | 17.29  | 16.78  |
| Conducted Power (Watts)               | 0.0536 | 0.0480 | 0.0518 | 0.0483 | 0.0514 | 0.0531 | 0.0509 | 0.0535 | 0.0477 |
| EIRP(dBm)                             | 29.80  | 29.32  | 29.65  | 29.35  | 29.62  | 29.76  | 29.58  | 29.80  | 29.29  |
| EIRP(Watts)                           | 0.9556 | 0.8555 | 0.9227 | 0.8605 | 0.9163 | 0.9463 | 0.9069 | 0.9541 | 0.8496 |





| LTE Band 25 (GT - LC = 12.51 dB) QPSK |        |        |        |        |        |        |        |        |        |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                             | 1.4M   |        |        | 3M     |        |        | 5M     |        |        |
| Channel                               | 26407  | 26340  | 26683  | 26055  | 26340  | 26675  | 26065  | 26340  | 26665  |
|                                       | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                             | 1850.7 | 1880   | 1914.3 | 1851.5 | 1880   | 1913.5 | 1852.5 | 1880   | 1912.5 |
| (MHz)                                 |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                 | 17.23  | 19.81  | 18.95  | 17.61  | 19.82  | 18.43  | 17.08  | 19.73  | 19.14  |
| Conducted Power (Watts)               | 0.0528 | 0.0956 | 0.0785 | 0.0577 | 0.0958 | 0.0696 | 0.0511 | 0.0939 | 0.0821 |
| EIRP(dBm)                             | 29.74  | 32.32  | 31.46  | 30.12  | 32.33  | 30.94  | 29.59  | 32.24  | 31.65  |
| EIRP(Watts)                           | 0.9411 | 1.7044 | 1.3997 | 1.0282 | 1.7083 | 1.2407 | 0.9104 | 1.6732 | 1.4625 |

| LTE Band 25 (GT - LC = 12.51 dB) QPSK |        |        |        |        |        |        |        |        |        |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                             | 10M    |        |        | 15M    |        |        | 20M    |        |        |
| Channel                               | 26090  | 26340  | 26640  | 26115  | 26340  | 26615  | 26140  | 26340  | 26590  |
|                                       | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                             | 1855   | 1880   | 1910   | 1857.5 | 1880   | 1907.5 | 1860   | 1880   | 1905   |
| (MHz)                                 |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                 | 17.05  | 19.50  | 19.14  | 17.34  | 19.89  | 19.63  | 19.62  | 19.32  | 19.32  |
| Conducted Power (Watts)               | 0.0507 | 0.0891 | 0.0821 | 0.0541 | 0.0975 | 0.0917 | 0.0915 | 0.0854 | 0.0854 |
| EIRP(dBm)                             | 29.56  | 32.01  | 31.65  | 29.85  | 32.40  | 32.14  | 32.13  | 31.83  | 31.83  |
| EIRP(Watts)                           | 0.9039 | 1.5889 | 1.4625 | 0.9650 | 1.7382 | 1.6351 | 1.6314 | 1.5227 | 1.5225 |



| LTE Band 25 (GT - LC = 12.51 dB) 16QAM |        |        |        |        |        |        |        |        |        |
|----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                              | 1.4M   |        |        | 3M     |        |        | 5M     |        |        |
| Channel                                | 26407  | 26340  | 26683  | 26055  | 26340  | 26675  | 26065  | 26340  | 26665  |
|                                        | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                              | 1850.7 | 1880   | 1914.3 | 1851.5 | 1880   | 1913.5 | 1852.5 | 1880   | 1912.5 |
| (MHz)                                  |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                  | 17.20  | 19.20  | 18.83  | 17.62  | 19.62  | 18.02  | 17.00  | 19.73  | 19.07  |
| Conducted Power (Watts)                | 0.0524 | 0.0831 | 0.0763 | 0.0578 | 0.0916 | 0.0634 | 0.0501 | 0.0940 | 0.0807 |
| EIRP(dBm)                              | 29.71  | 31.71  | 31.34  | 30.13  | 32.13  | 30.53  | 29.51  | 32.24  | 31.58  |
| EIRP(Watts)                            | 0.9345 | 1.4811 | 1.3600 | 1.0293 | 1.6332 | 1.1299 | 0.8925 | 1.6751 | 1.4390 |

| LTE Band 25 (GT - LC = 12.51 dB) 16QAM |        |        |        |        |        |        |        |        |        |
|----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                              | 10M    |        |        | 15M    |        |        | 20M    |        |        |
| Channel                                | 26090  | 26340  | 26640  | 26115  | 26340  | 26615  | 26140  | 26340  | 26590  |
|                                        | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                              | 1855   | 1880   | 1910   | 1857.5 | 1880   | 1907.5 | 1860   | 1880   | 1905   |
| (MHz)                                  |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                  | 18.99  | 19.47  | 20.48  | 17.31  | 19.56  | 19.34  | 17.31  | 19.32  | 19.61  |
| Conducted Power (Watts)                | 0.0792 | 0.0885 | 0.1116 | 0.0538 | 0.0903 | 0.0858 | 0.0538 | 0.0854 | 0.0913 |
| EIRP(dBm)                              | 31.50  | 31.98  | 32.99  | 29.82  | 32.07  | 31.85  | 29.82  | 31.83  | 32.12  |
| EIRP(Watts)                            | 1.4111 | 1.5781 | 1.9898 | 0.9585 | 1.6089 | 1.5294 | 0.9595 | 1.5225 | 1.6277 |



| LTE Band 25 (GT - LC = 12.51 dB) 64QAM |        |        |        |        |        |        |        |        |        |
|----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                              | 1.4M   |        |        | 3M     |        |        | 5M     |        |        |
| Channel                                | 26407  | 26340  | 26683  | 26055  | 26340  | 26675  | 26065  | 26340  | 26665  |
|                                        | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                              | 1850.7 | 1880   | 1914.3 | 1851.5 | 1880   | 1913.5 | 1852.5 | 1880   | 1912.5 |
| (MHz)                                  |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                  | 17.43  | 19.36  | 18.96  | 17.60  | 19.73  | 18.34  | 17.10  | 19.73  | 19.14  |
| Conducted Power (Watts)                | 0.0554 | 0.0862 | 0.0787 | 0.0576 | 0.0940 | 0.0682 | 0.0513 | 0.0940 | 0.0820 |
| EIRP(dBm)                              | 29.94  | 31.87  | 31.47  | 30.11  | 32.24  | 30.85  | 29.61  | 32.24  | 31.65  |
| EIRP(Watts)                            | 0.9866 | 1.5366 | 1.4029 | 1.0258 | 1.6751 | 1.2150 | 0.9135 | 1.6751 | 1.4624 |

| LTE Band 25 (GT - LC = 12.51 dB) 64QAM |        |        |        |        |        |        |        |        |        |
|----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Bandwidth                              | 10M    |        |        | 15M    |        |        | 20M    |        |        |
| Channel                                | 26090  | 26340  | 26640  | 26115  | 26340  | 26615  | 26140  | 26340  | 26590  |
|                                        | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) | (Low)  | (Mid)  | (High) |
| Frequency                              | 1855   | 1880   | 1910   | 1857.5 | 1880   | 1907.5 | 1860   | 1880   | 1905   |
| (MHz)                                  |        |        |        |        |        |        |        |        |        |
| Conducted Power (dBm)                  | 17.05  | 19.83  | 18.95  | 17.38  | 19.30  | 19.62  | 19.69  | 19.29  | 19.33  |
| Conducted Power (Watts)                | 0.0507 | 0.0962 | 0.0784 | 0.0547 | 0.0851 | 0.0915 | 0.0931 | 0.0848 | 0.0856 |
| EIRP(dBm)                              | 29.56  | 32.34  | 31.46  | 29.89  | 31.81  | 32.13  | 32.20  | 31.80  | 31.84  |
| EIRP(Watts)                            | 0.9039 | 1.7141 | 1.3981 | 0.9751 | 1.5173 | 1.6314 | 1.6599 | 1.5120 | 1.5263 |

## Appendix B. Test Results of Spurious Emission

### B.1 SISO Antenna 1

| 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) |
| Middle                    | 3447              | -58.69       | -13           | -45.69            | -69.43             | 2.604                | 13.34                 | H                  |
|                           | 5172              | -54.62       | -13           | -41.62            | -65.13             | 3.011                | 13.52                 | H                  |
|                           | 6900              | -52.62       | -13           | -39.62            | -62.82             | 3.271                | 13.47                 | H                  |
|                           | 3447              | -56.65       | -13           | -43.65            | -67.39             | 2.604                | 13.34                 | V                  |
|                           | 5172              | -52.42       | -13           | -39.42            | -62.93             | 3.011                | 13.52                 | V                  |
|                           | 6900              | -53.62       | -13           | -40.62            | -63.82             | 3.271                | 13.47                 | V                  |

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

| LTE Band 7 / 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) |
| Middle                    | 5052              | -59.40       | -13           | -46.40            | -69.61             | 3.03                 | 13.24                 | H                  |
|                           | 7580              | -59.97       | -13           | -46.97            | -69.42             | 3.56                 | 13.01                 | H                  |
|                           | 10100             | -56.96       | -13           | -43.96            | -66.48             | 3.92                 | 13.44                 | H                  |
|                           | 5052              | -57.31       | -13           | -44.31            | -67.52             | 3.03                 | 13.24                 | V                  |
|                           | 7580              | -59.27       | -13           | -46.27            | -68.72             | 3.56                 | 13.01                 | V                  |
|                           | 10100             | -58.08       | -13           | -45.08            | -67.60             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 25 / 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) |
| Middle                     | 3741              | -56.67       | -13           | -43.67            | -68.93             | 2.641                | 14.90                 | H                  |
|                            | 5613              | -55.66       | -13           | -42.66            | -67.52             | 2.94                 | 14.80                 | H                  |
|                            | 7488              | -49.49       | -13           | -36.49            | -59.26             | 3.39                 | 13.16                 | H                  |
|                            | 3741              | -54.79       | -13           | -41.79            | -67.05             | 2.64                 | 14.90                 | V                  |
|                            | 5613              | -55.53       | -13           | -42.53            | -67.39             | 2.94                 | 14.80                 | V                  |
|                            | 7488              | -49.72       | -13           | -36.72            | -59.49             | 3.39                 | 13.16                 | V                  |

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

## B.2 MIMO Antenna 1+2

| 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) |
| Middle                    | 3447              | -55.81       | -13           | -42.81            | -66.55             | 2.604                | 13.34                 | H                  |
|                           | 5172              | -51.60       | -13           | -38.60            | -62.11             | 3.011                | 13.52                 | H                  |
|                           | 6900              | -53.22       | -13           | -40.22            | -63.42             | 3.271                | 13.47                 | H                  |
|                           | 3447              | -55.56       | -13           | -42.56            | -66.30             | 2.604                | 13.34                 | V                  |
|                           | 5172              | -51.61       | -13           | -38.61            | -62.12             | 3.011                | 13.52                 | V                  |
|                           | 6900              | -52.94       | -13           | -39.94            | -63.14             | 3.271                | 13.47                 | V                  |

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

| LTE Band 7 / 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) |
| Middle                    | 5052              | -55.07       | -13           | -42.07            | -65.28             | 3.03                 | 13.24                 | H                  |
|                           | 7580              | -58.50       | -13           | -45.50            | -67.95             | 3.56                 | 13.01                 | H                  |
|                           | 10100             | -57.76       | -13           | -44.76            | -67.28             | 3.92                 | 13.44                 | H                  |
|                           | 5052              | -51.22       | -13           | -38.22            | -61.43             | 3.03                 | 13.24                 | V                  |
|                           | 7580              | -56.27       | -13           | -43.27            | -65.72             | 3.56                 | 13.01                 | V                  |
|                           | 10100             | -61.02       | -13           | -48.02            | -70.54             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 25 / 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) |
| Middle                     | 3741              | -55.21       | -13           | -42.21            | -67.47             | 2.641                | 14.90                 | H                  |
|                            | 5613              | -55.59       | -13           | -42.59            | -67.45             | 2.94                 | 14.80                 | H                  |
|                            | 7488              | -49.81       | -13           | -36.81            | -59.58             | 3.39                 | 13.16                 | H                  |
|                            | 3741              | -52.99       | -13           | -39.99            | -65.25             | 2.64                 | 14.90                 | V                  |
|                            | 5613              | -53.36       | -13           | -40.36            | -65.22             | 2.94                 | 14.80                 | V                  |
|                            | 7488              | -49.86       | -13           | -36.86            | -59.63             | 3.39                 | 13.16                 | V                  |

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