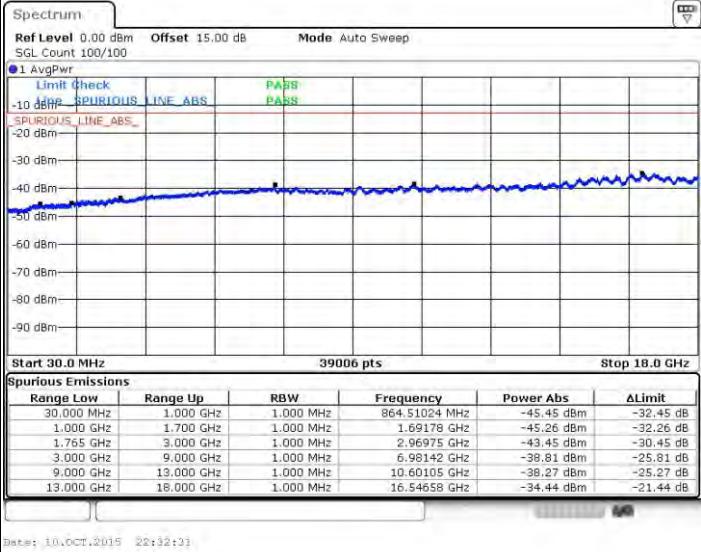
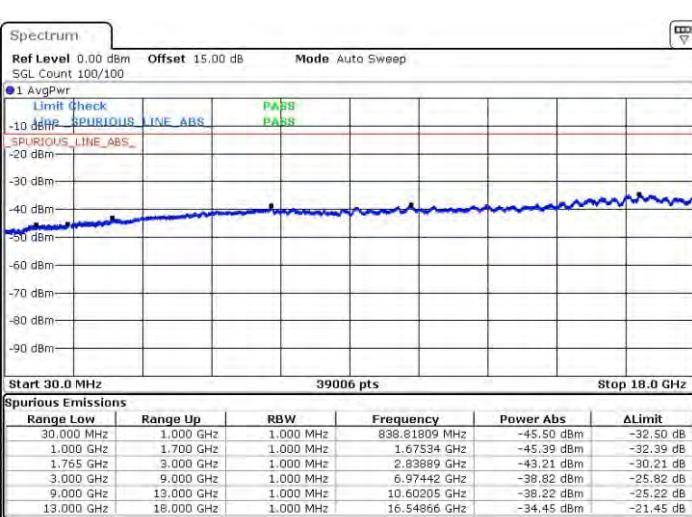




## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK

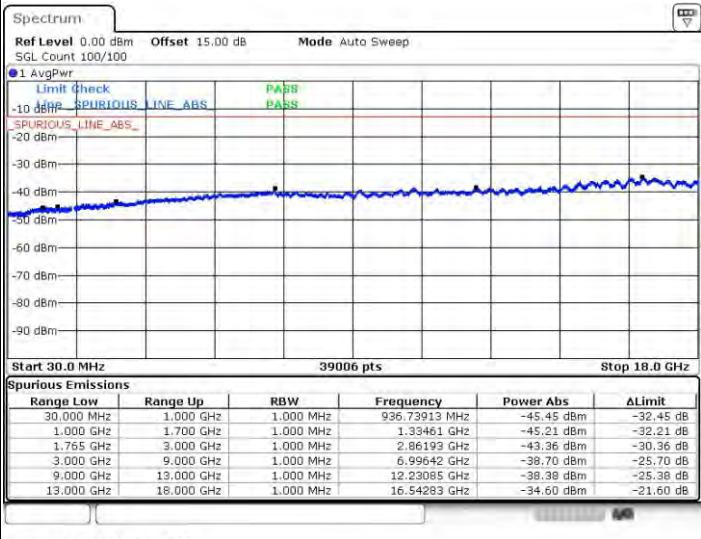
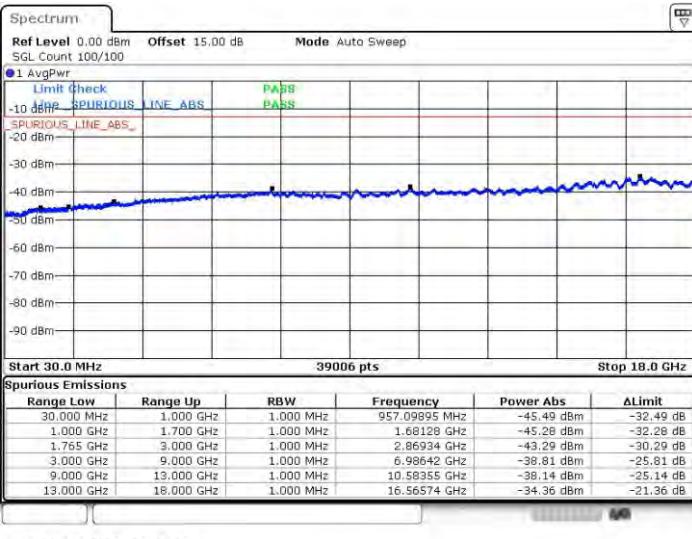
## Highest Channel / 16QAM

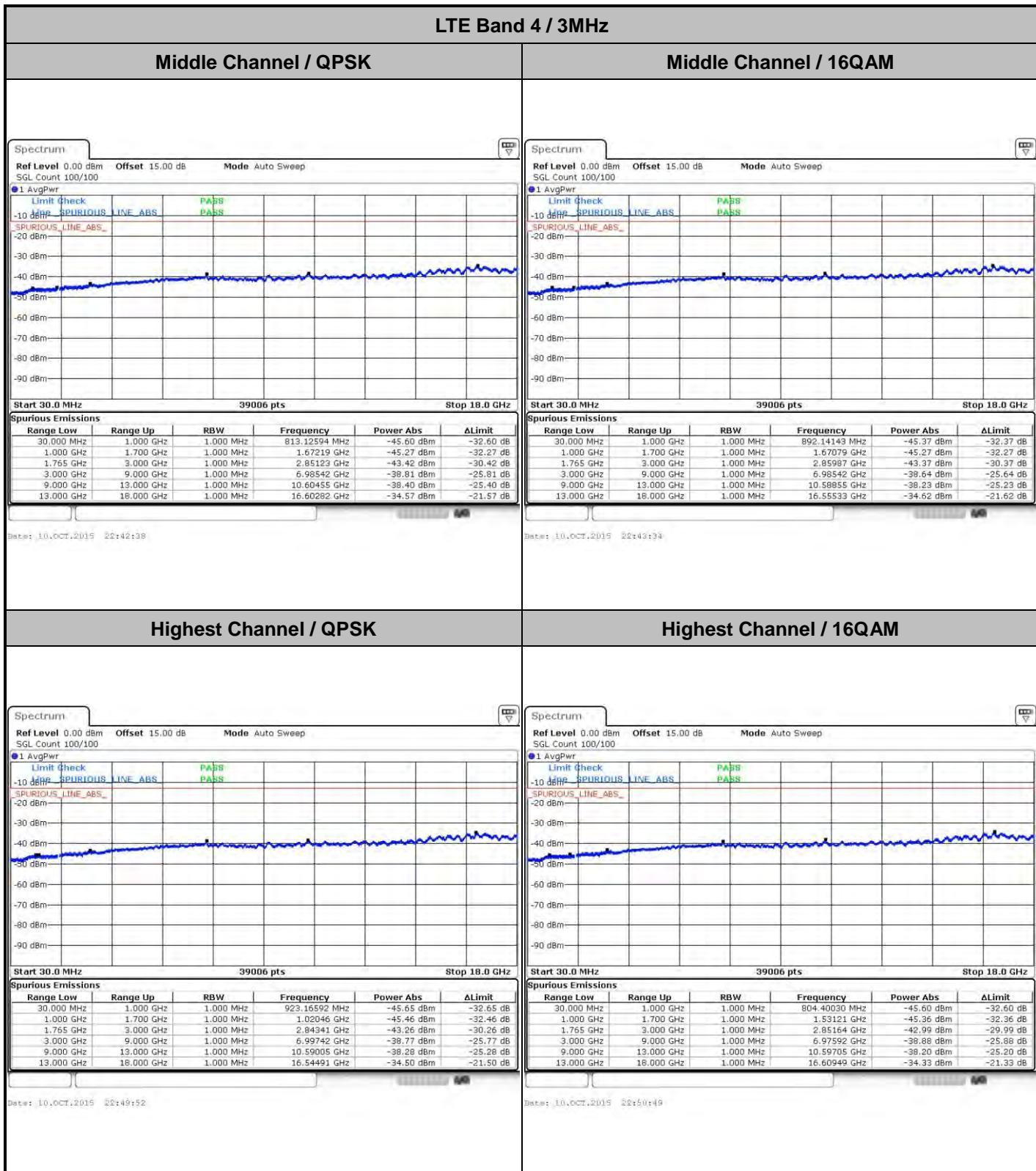


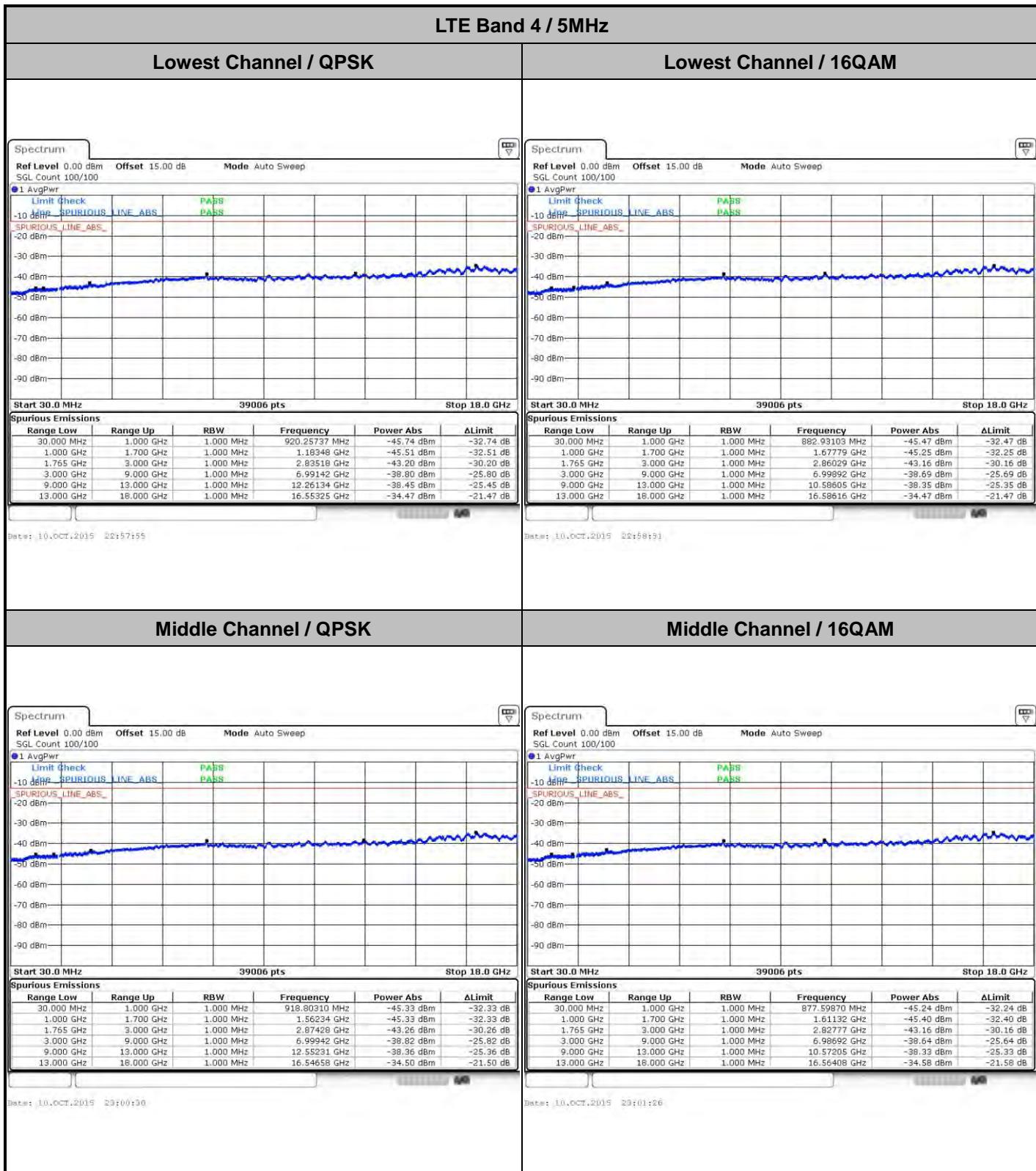
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





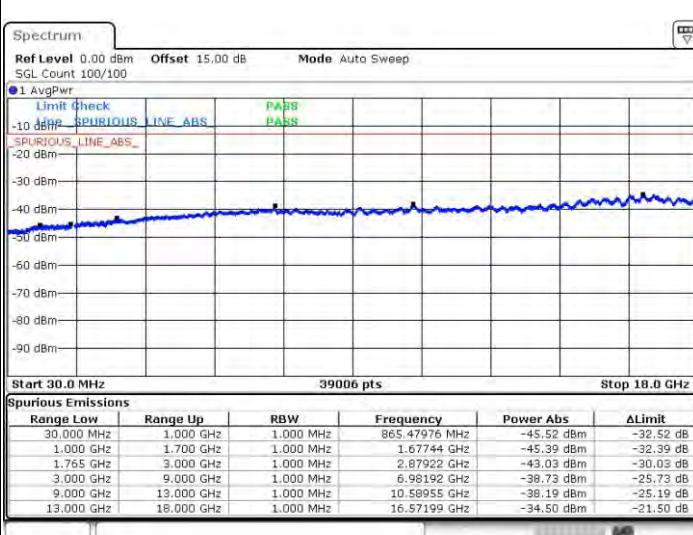
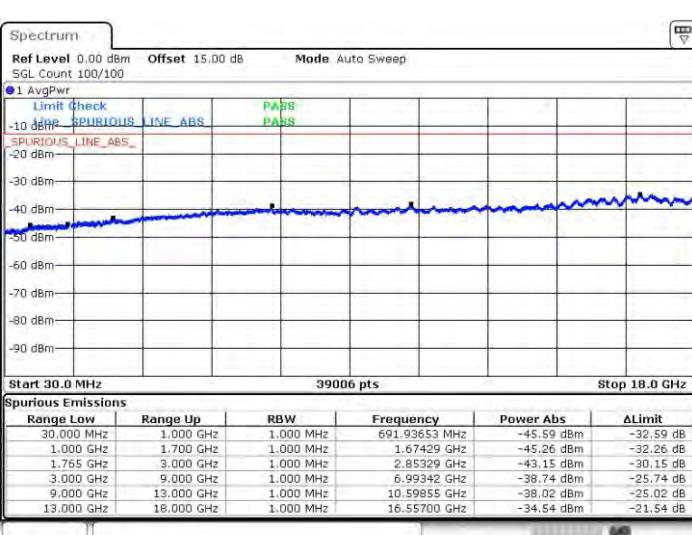




## LTE Band 4 / 5MHz

## Highest Channel / QPSK

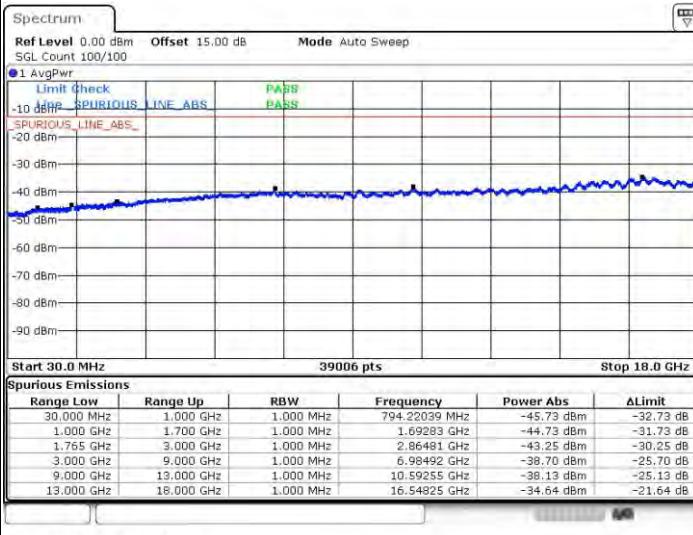
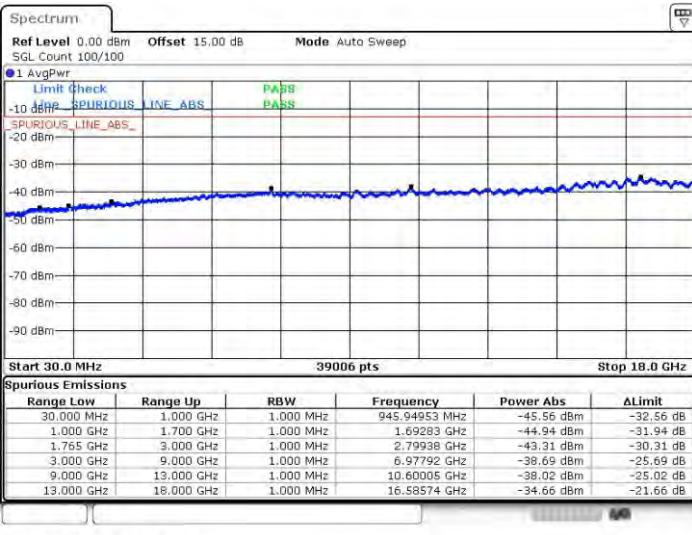
## Highest Channel / 16QAM

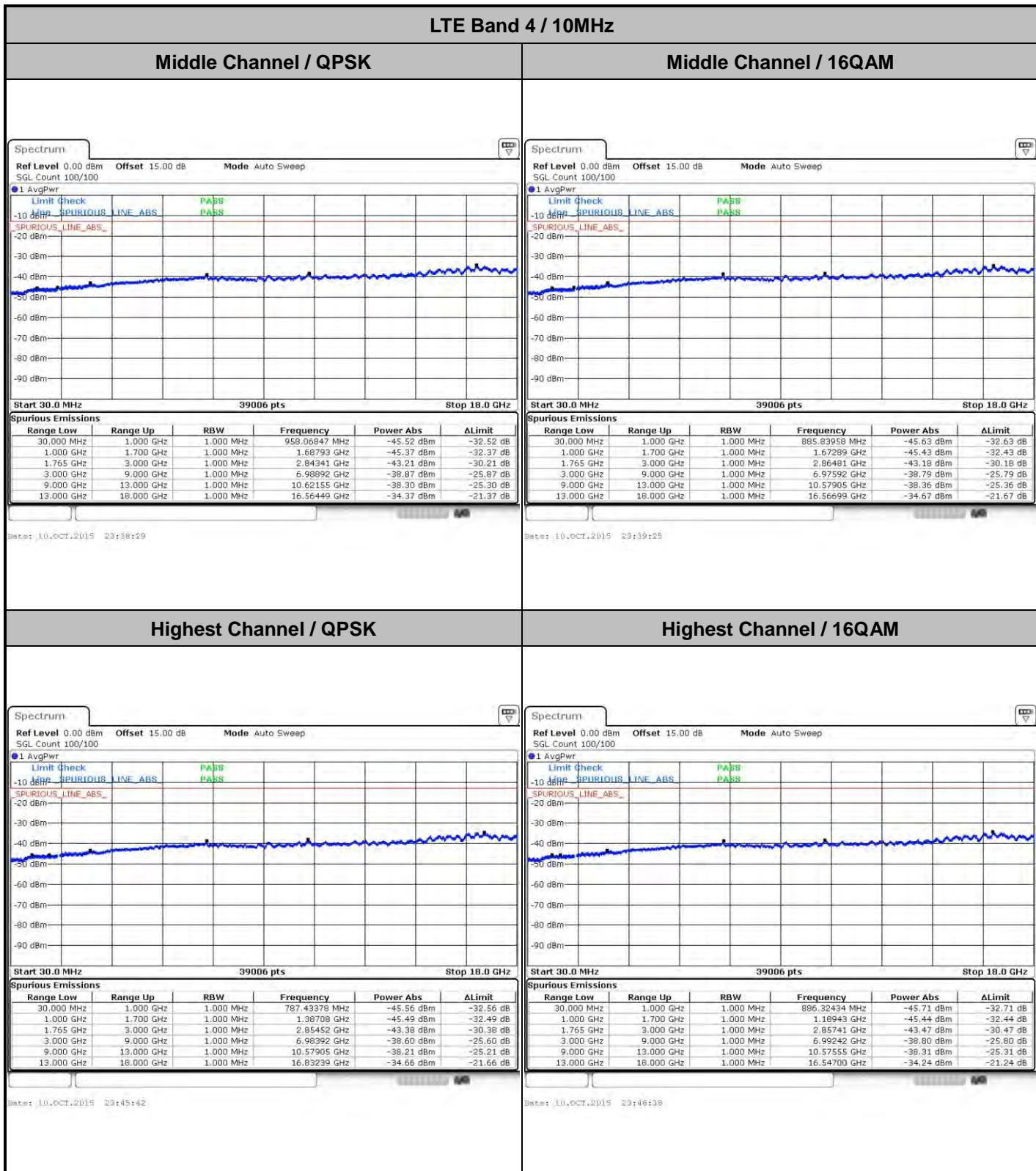


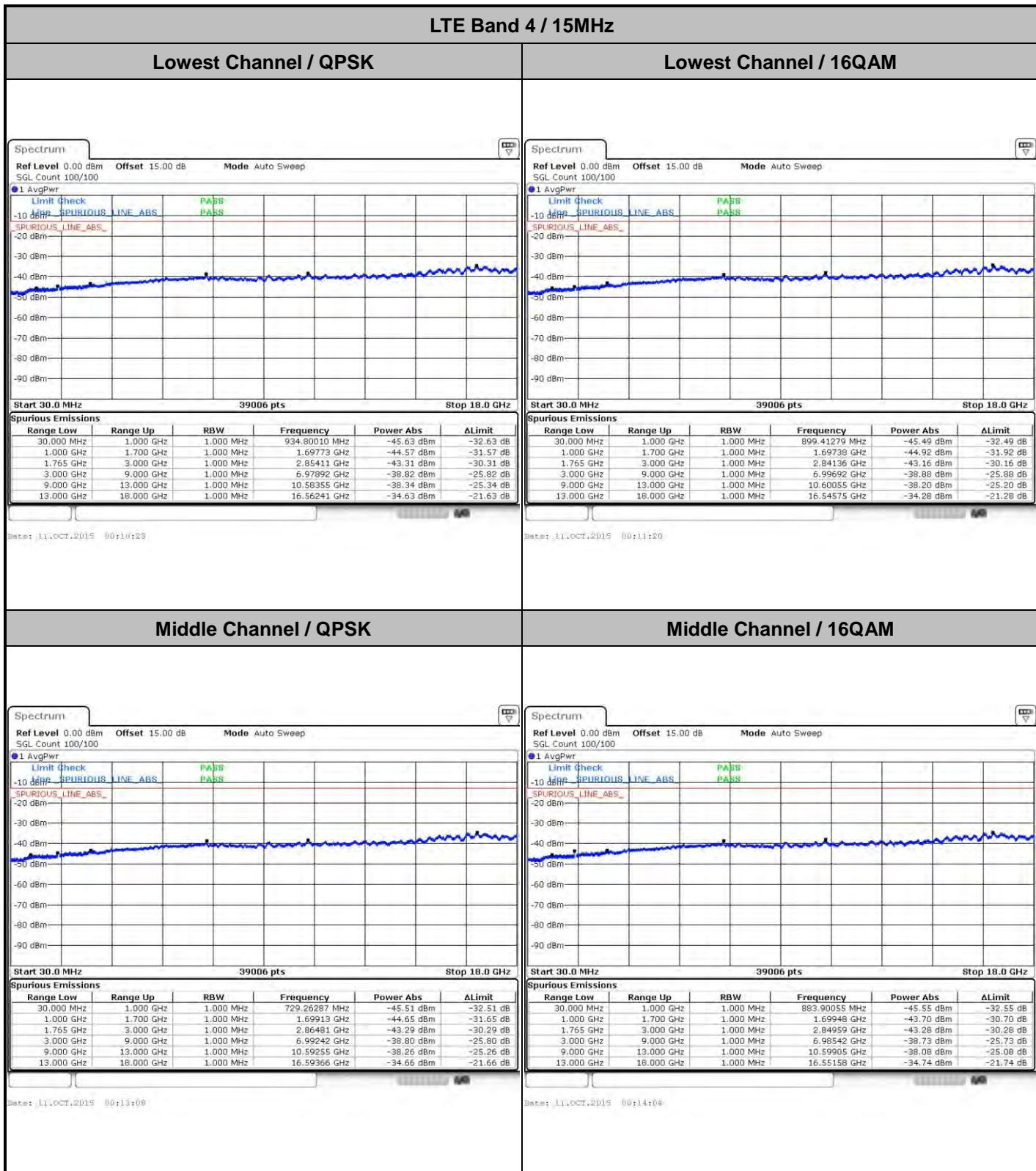
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





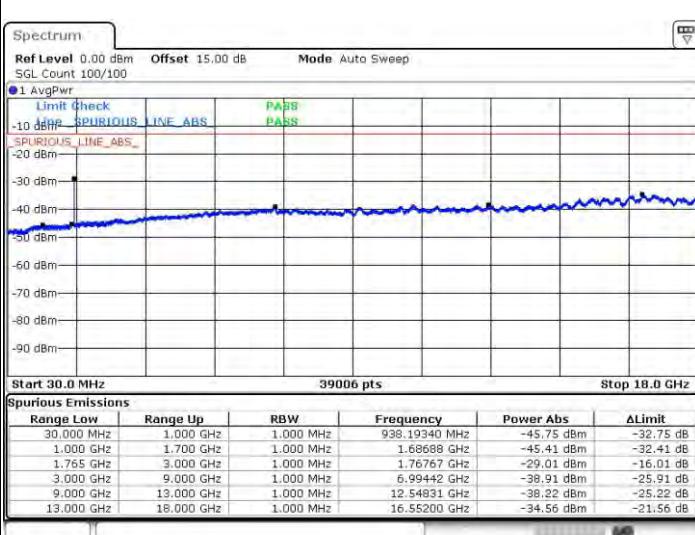
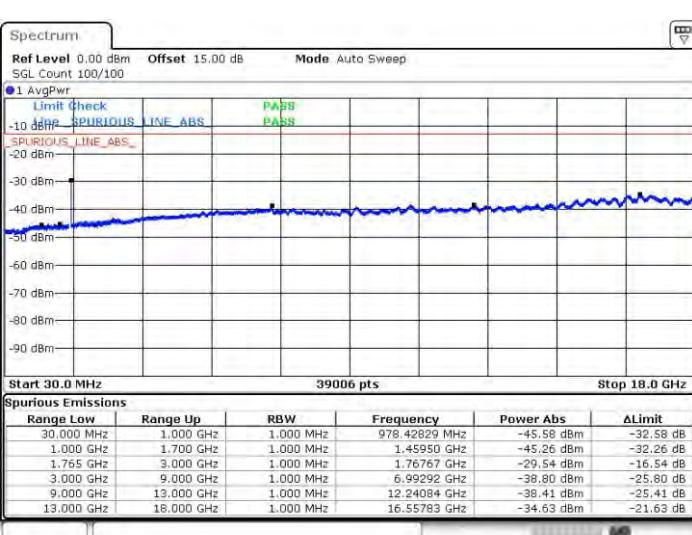




## LTE Band 4 / 15MHz

## Highest Channel / QPSK

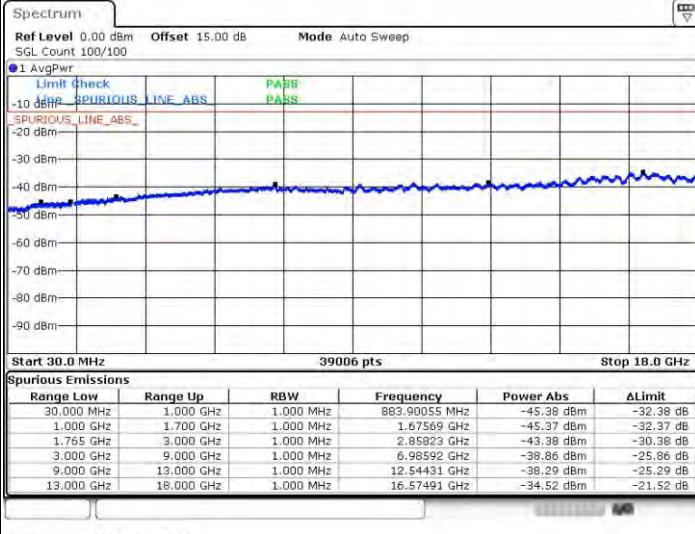
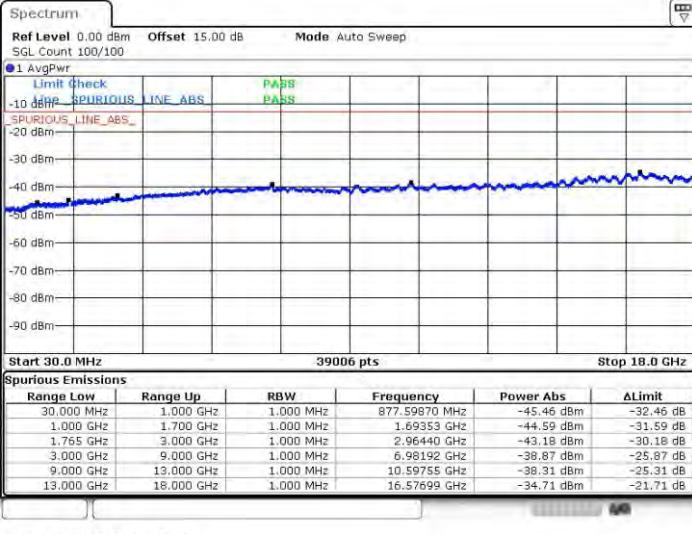
## Highest Channel / 16QAM

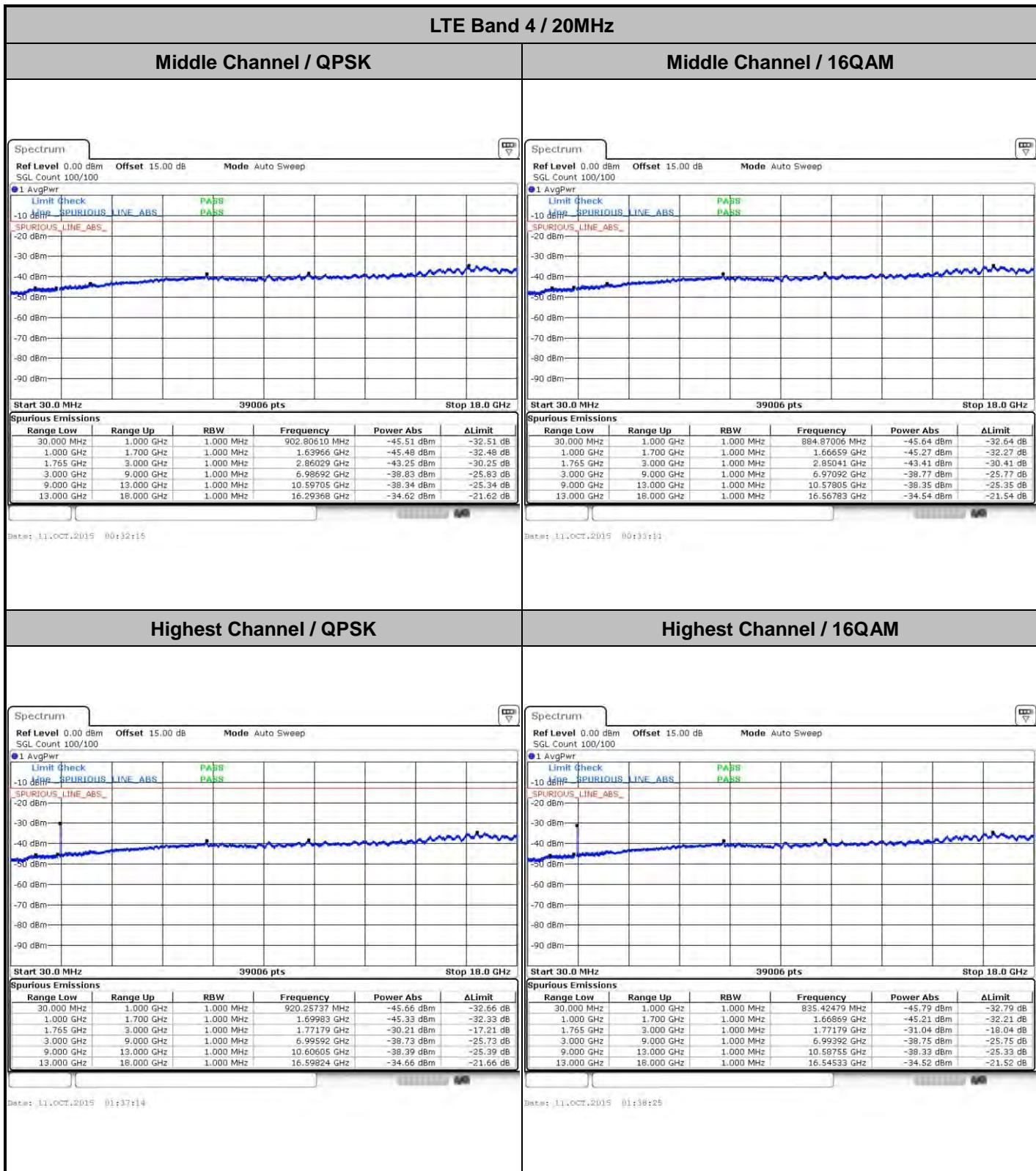


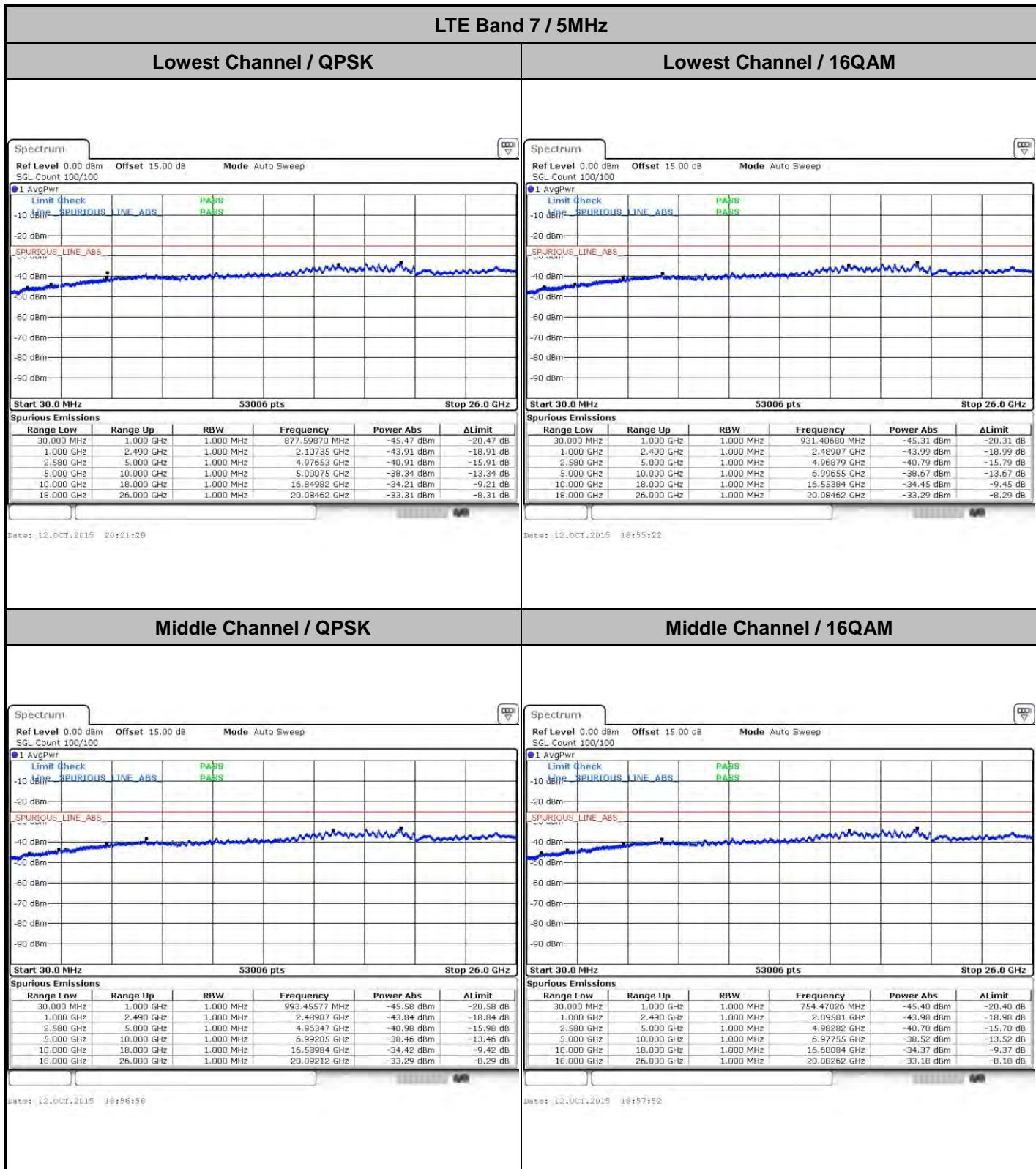
## LTE Band 4 / 20MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





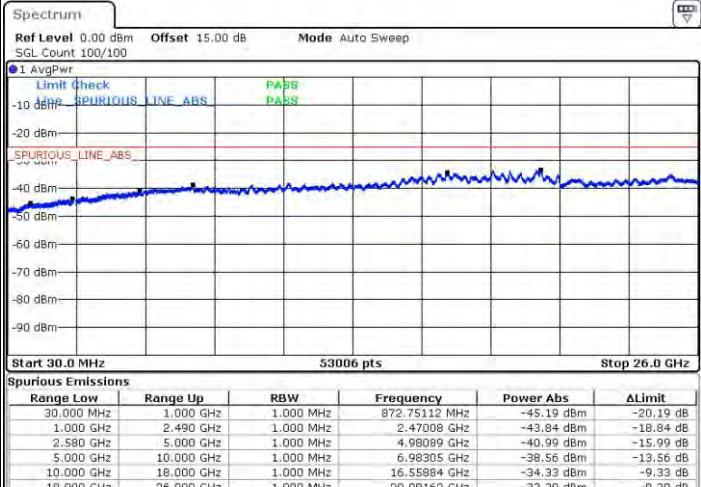
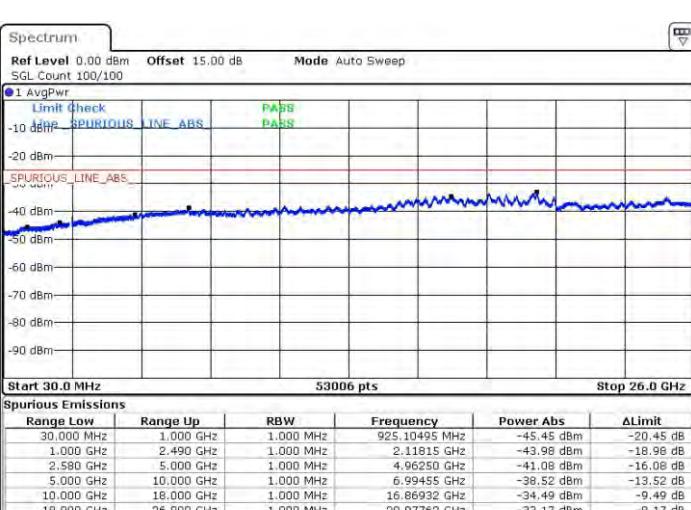




## LTE Band 7 / 5MHz

## Highest Channel / QPSK

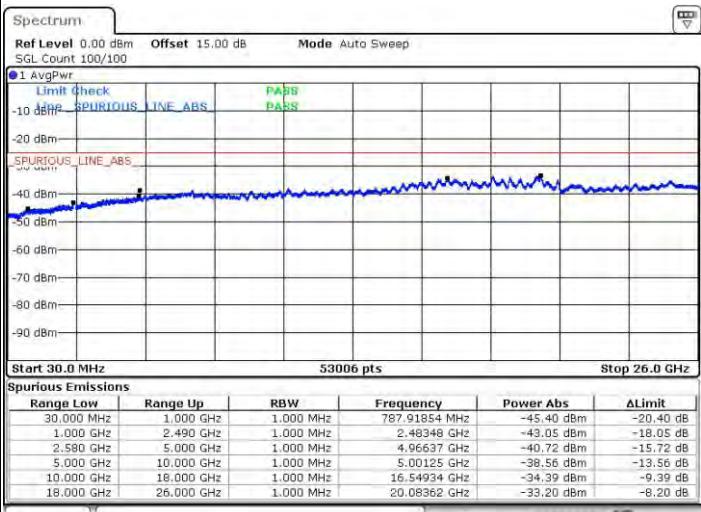
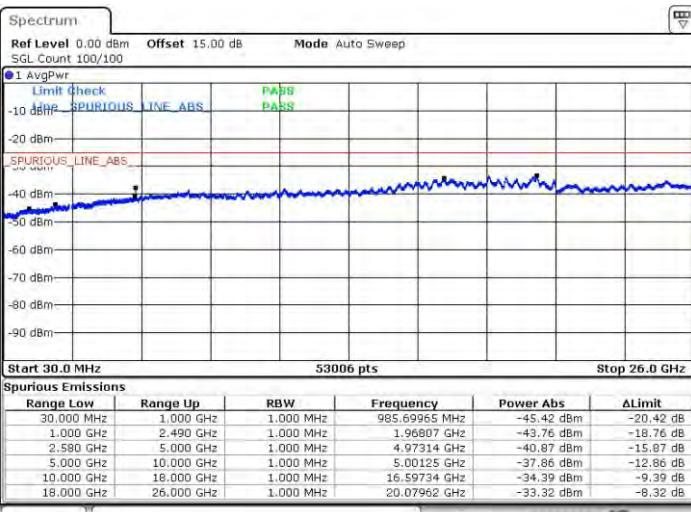
## Highest Channel / 16QAM

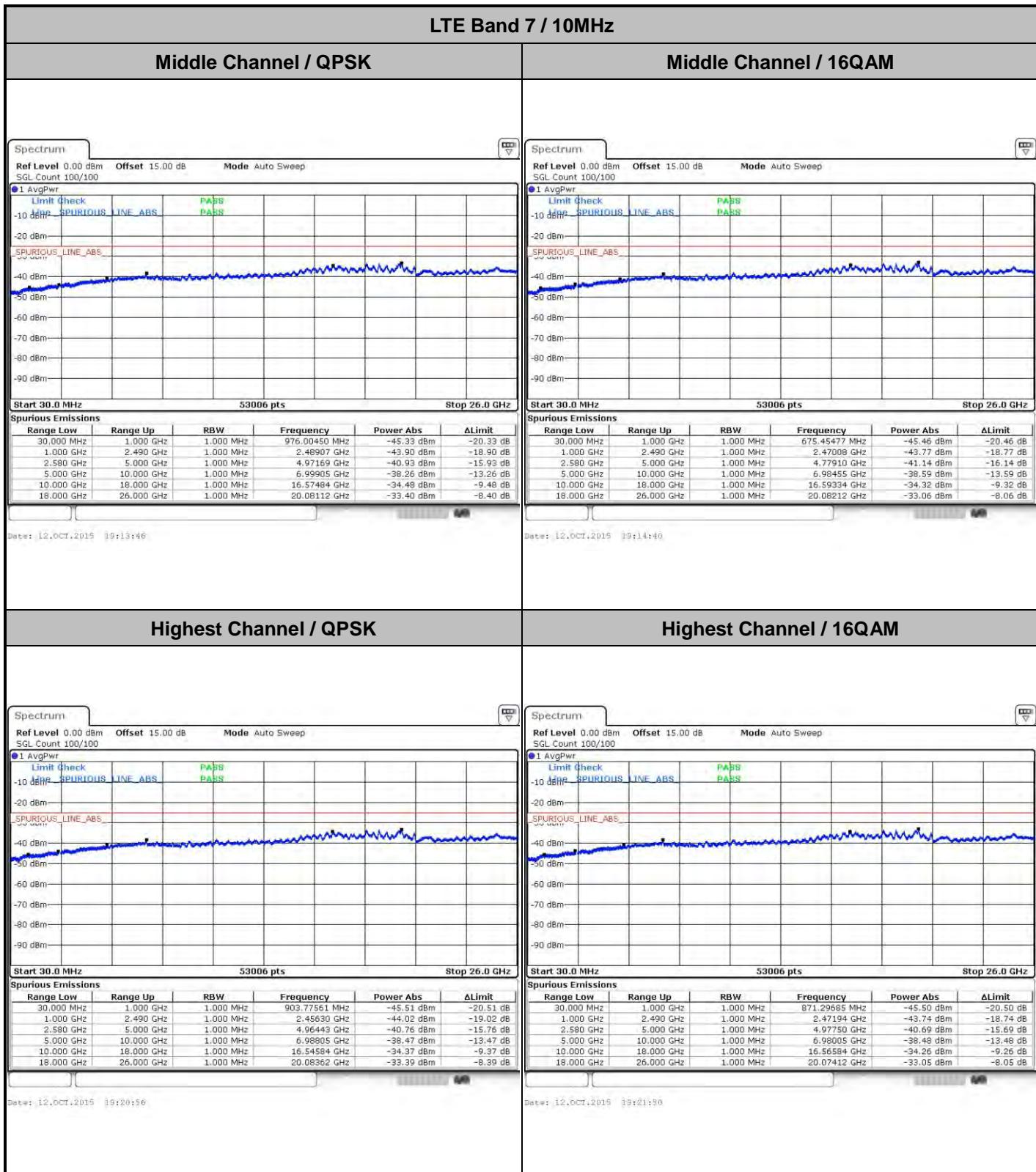


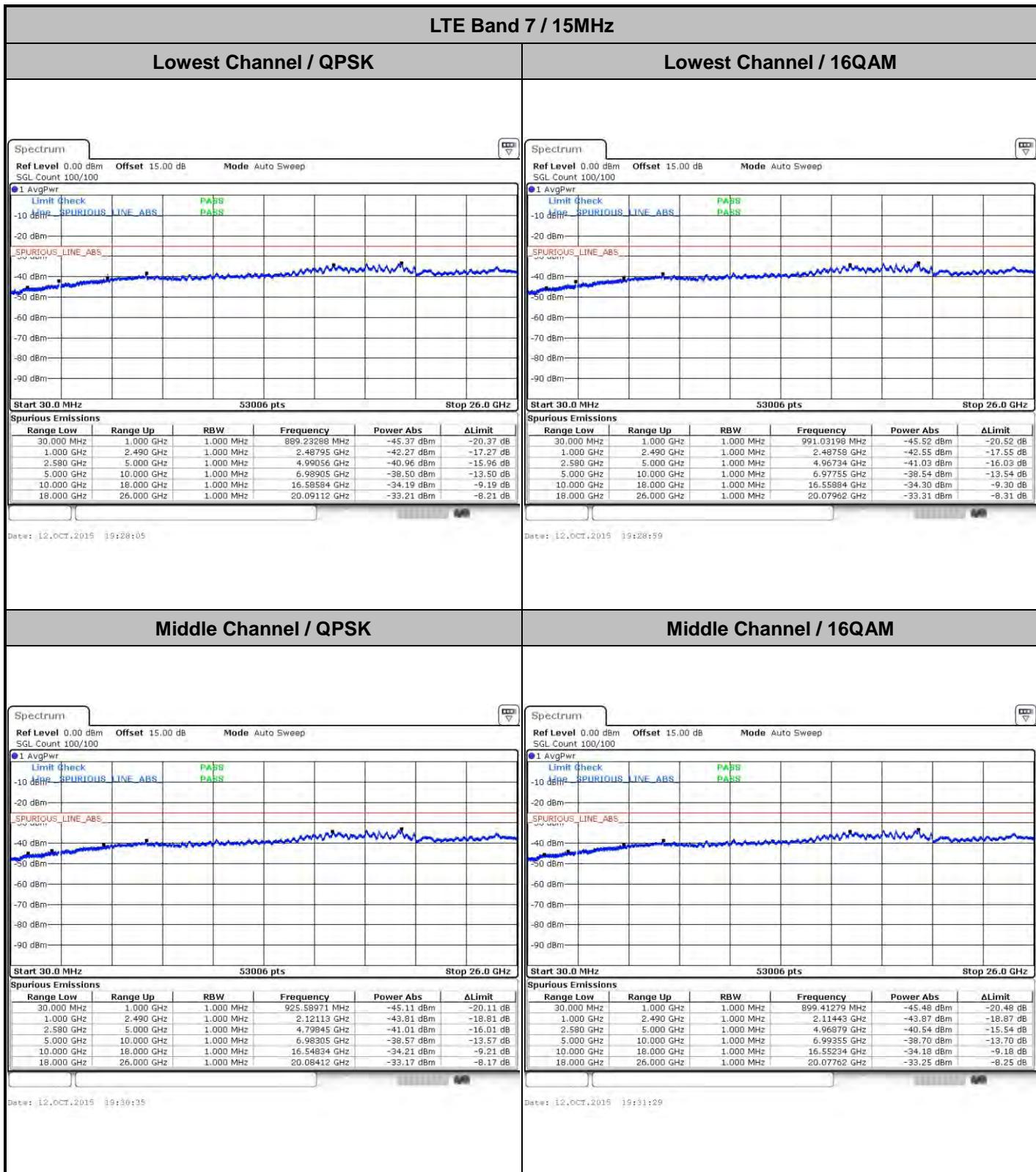
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





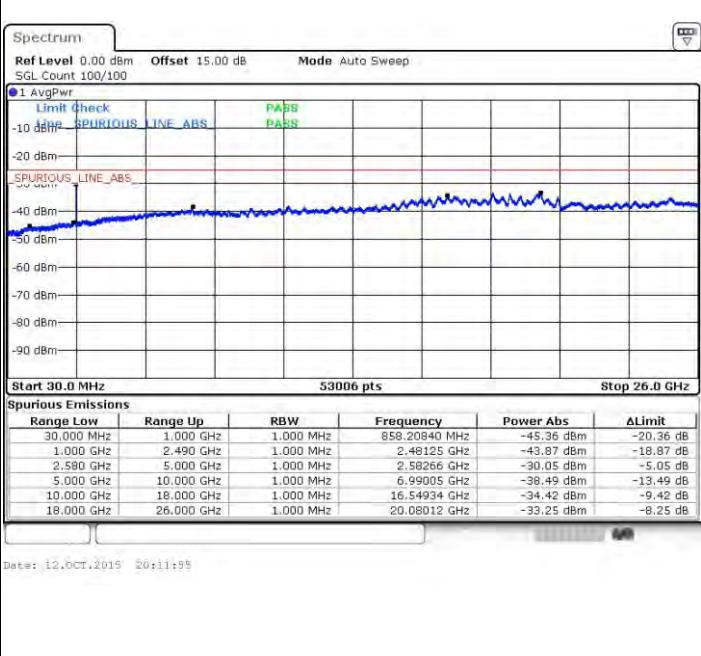
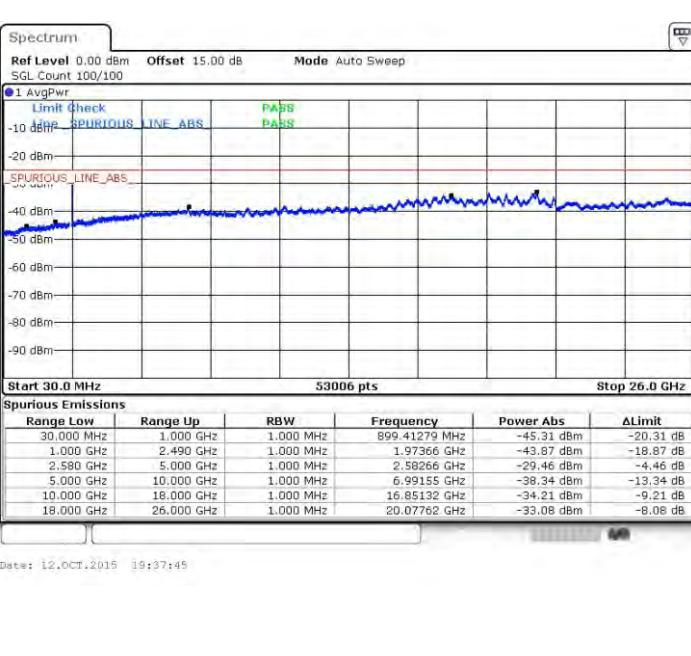




## LTE Band7 / 15MHz

## Highest Channel / QPSK

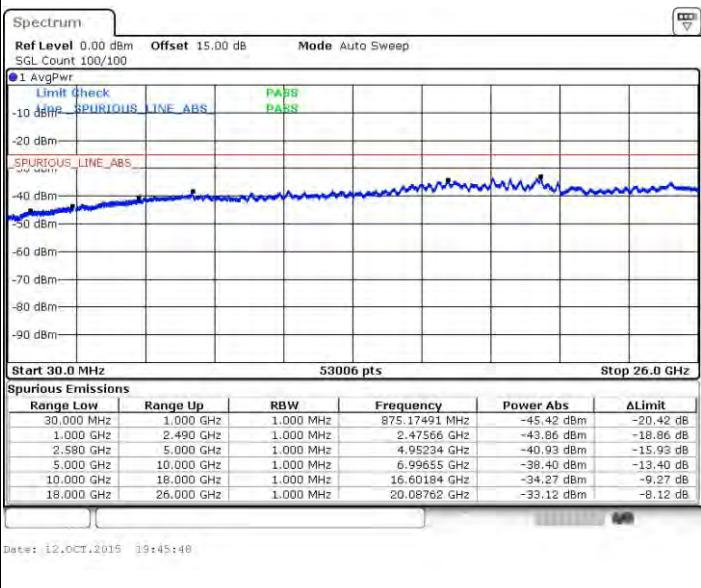
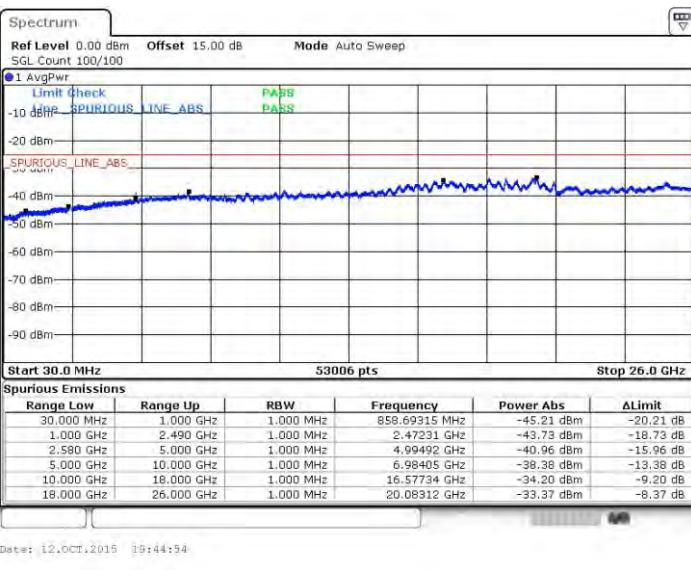
## Highest Channel / 16QAM

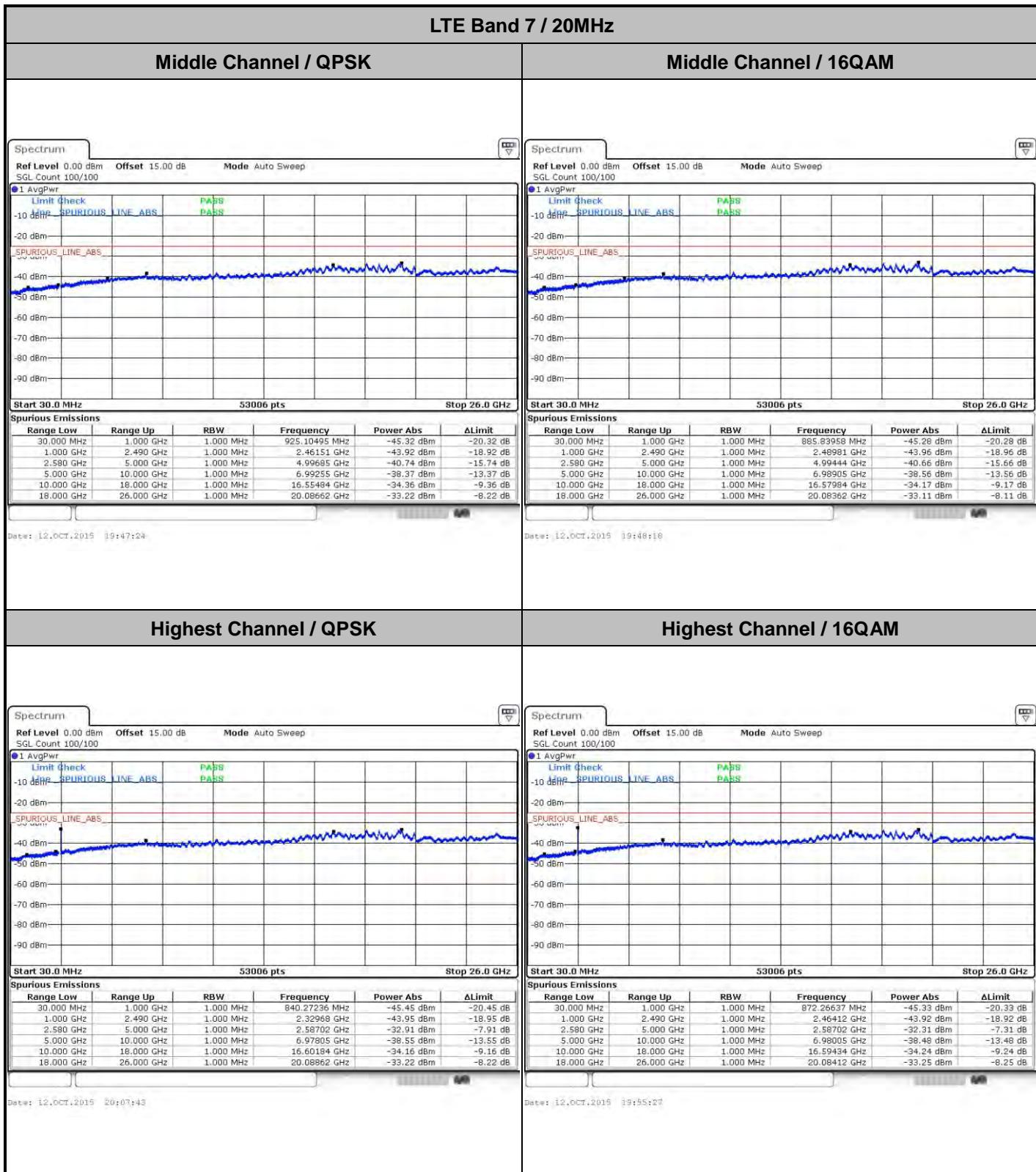


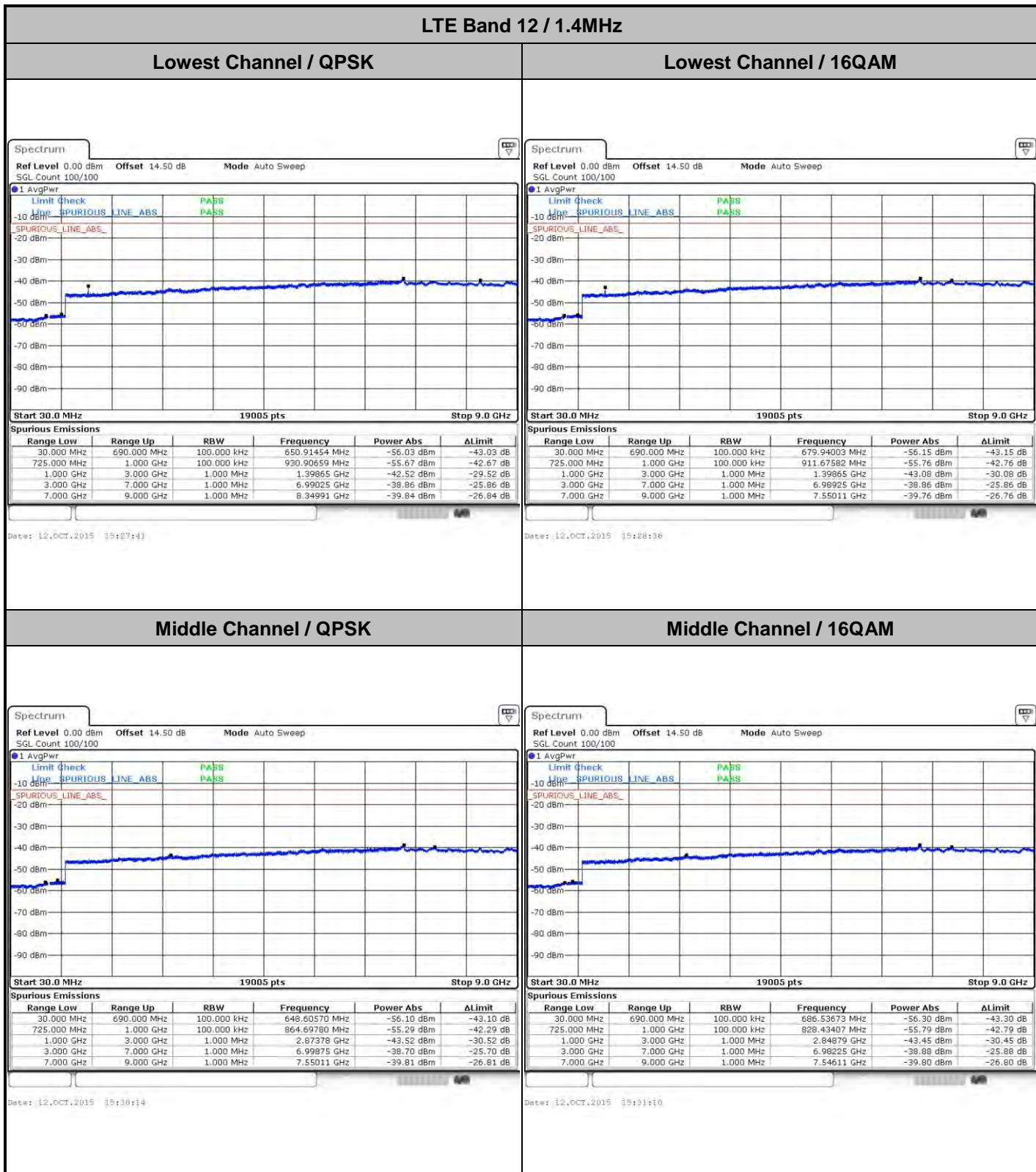
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





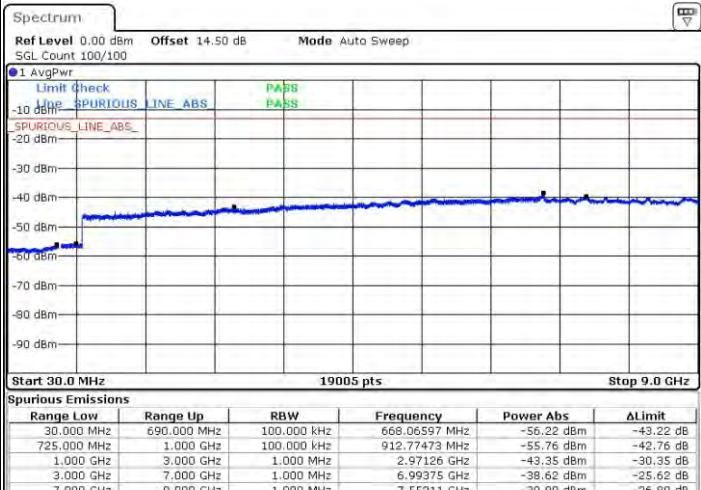
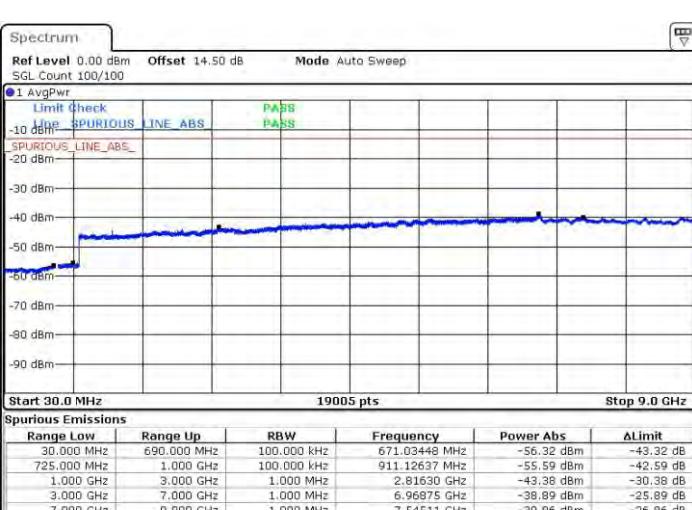




## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK

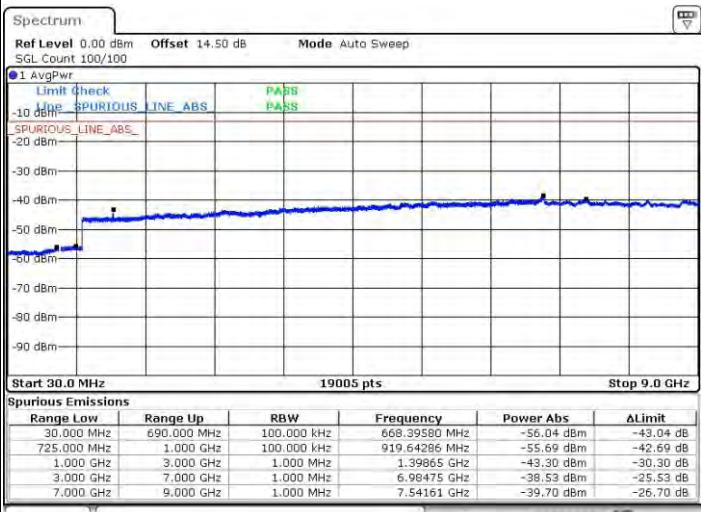
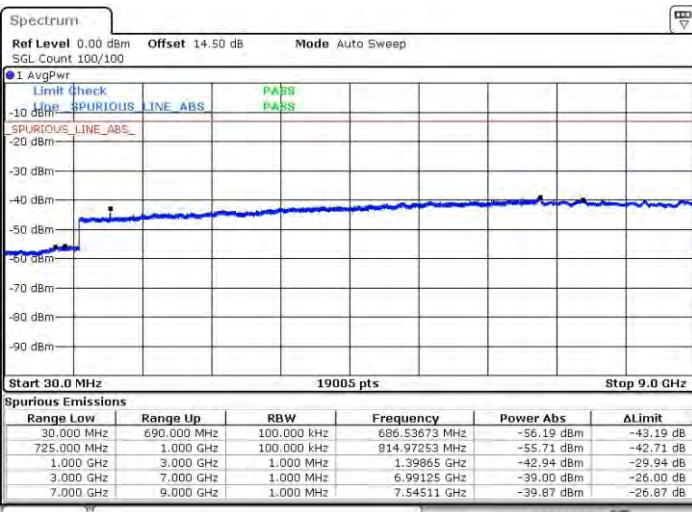
## Highest Channel / 16QAM

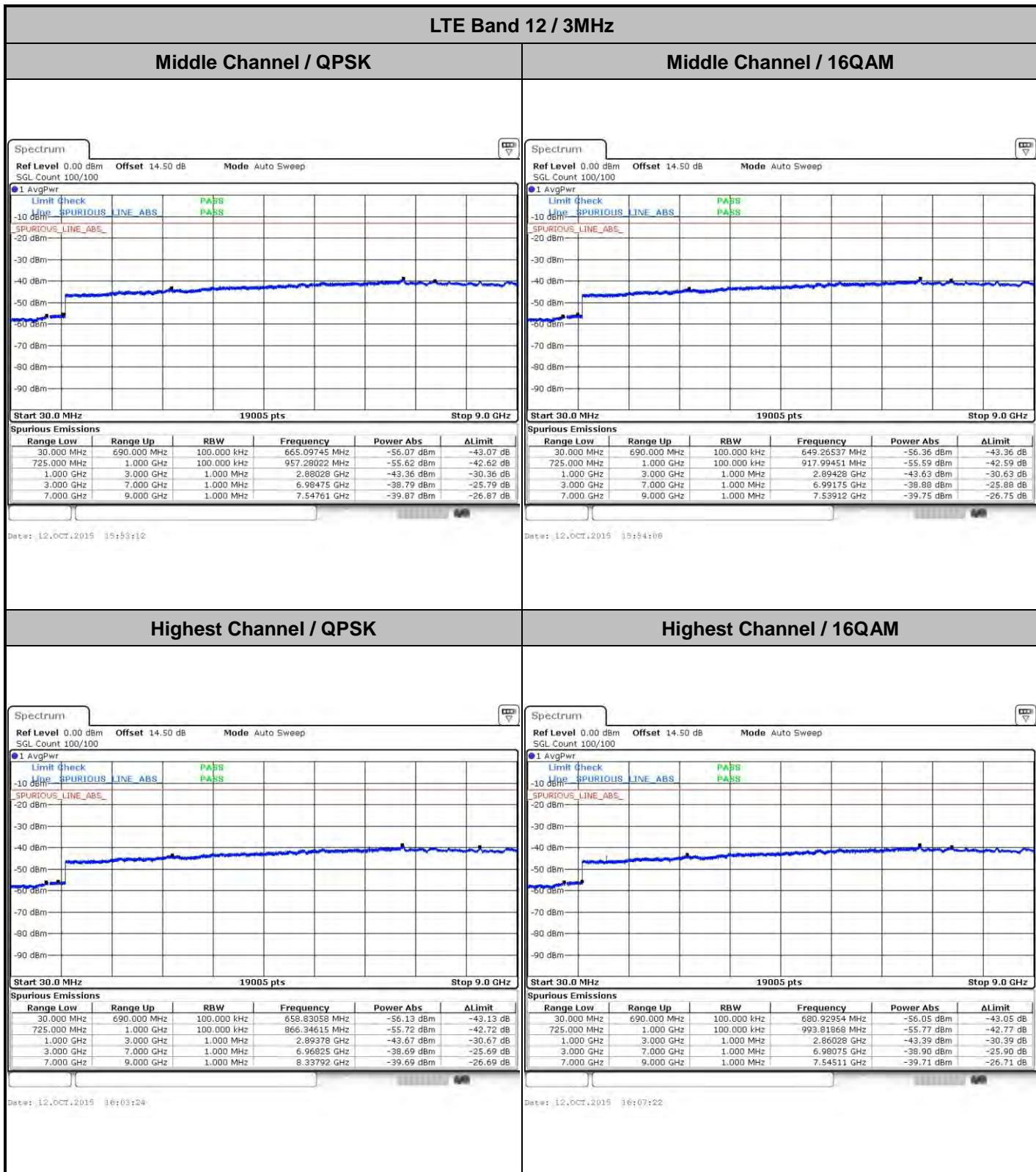


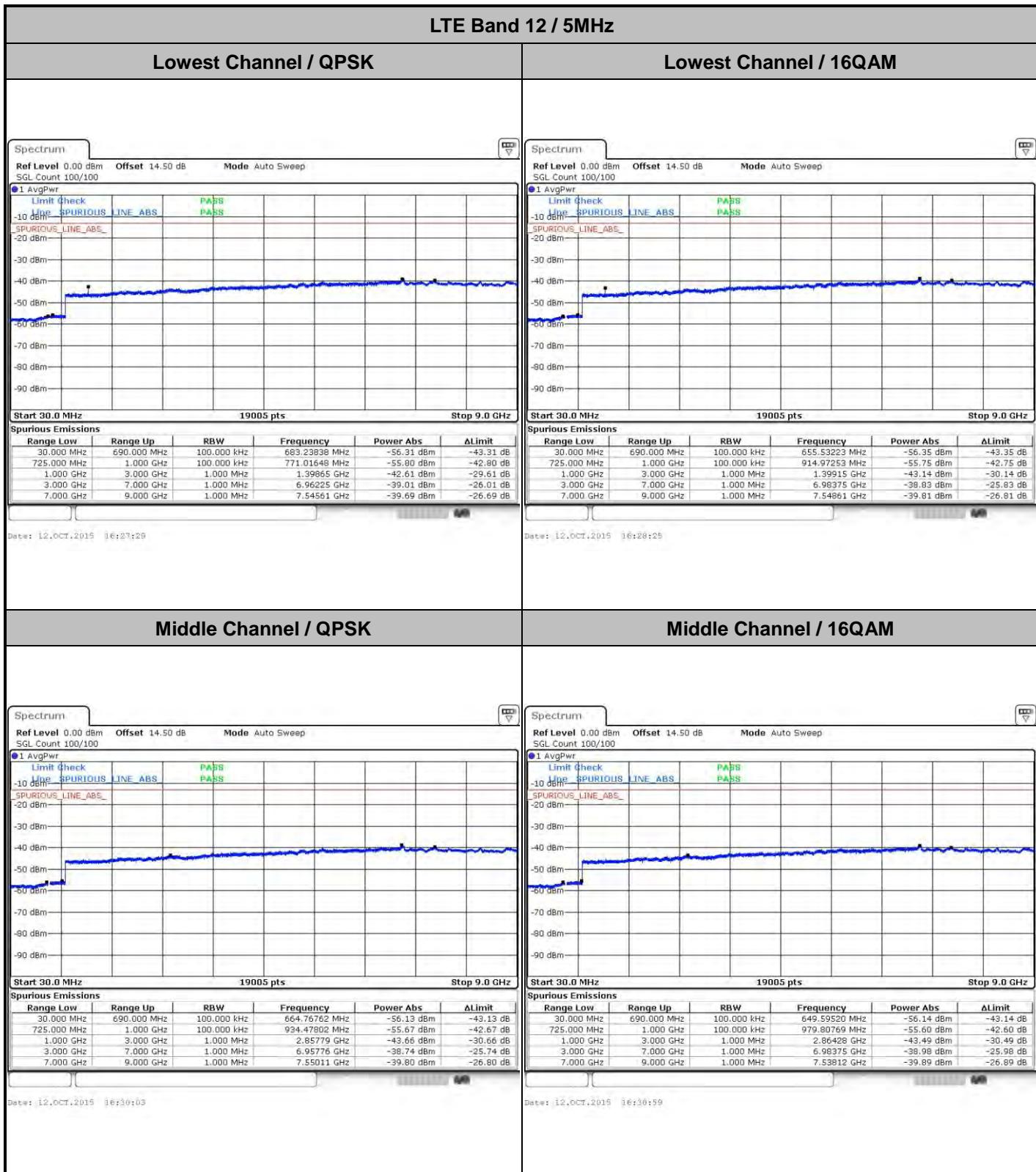
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





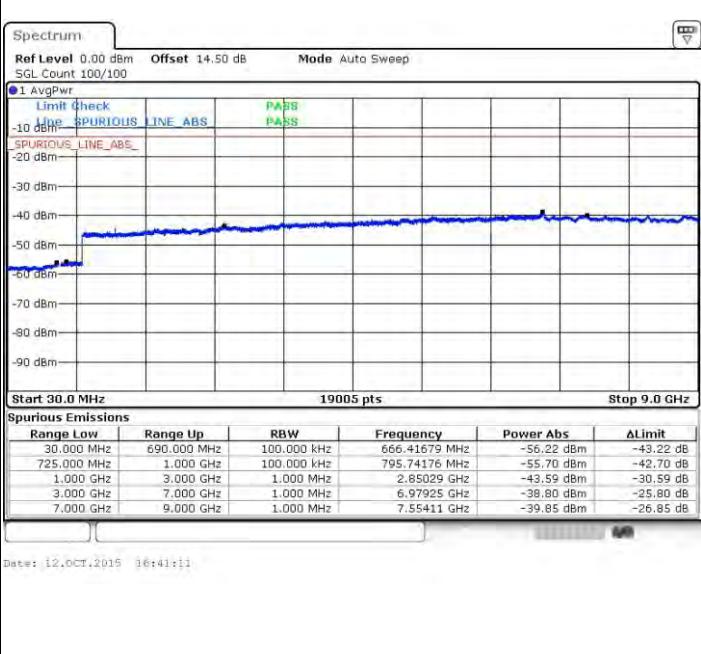
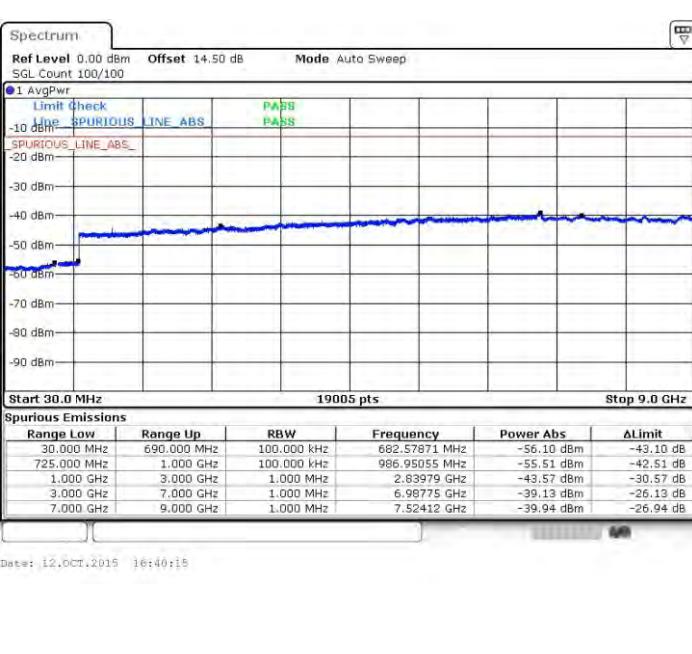




## LTE Band 12 / 5MHz

## Highest Channel / QPSK

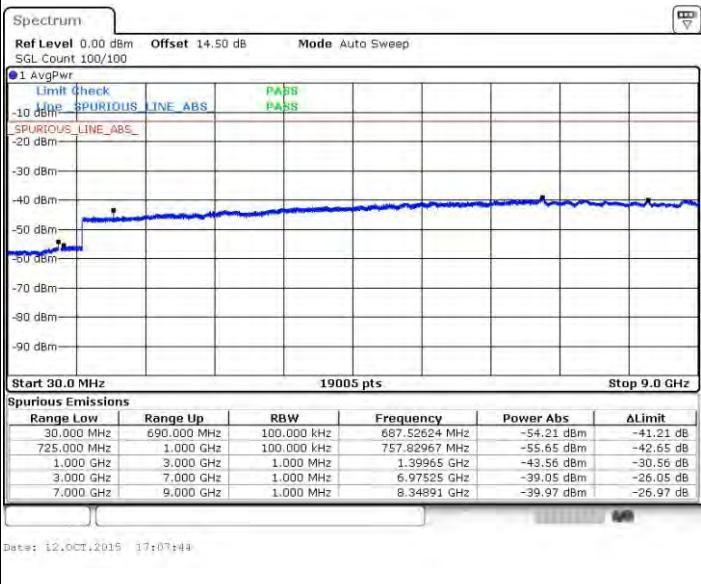
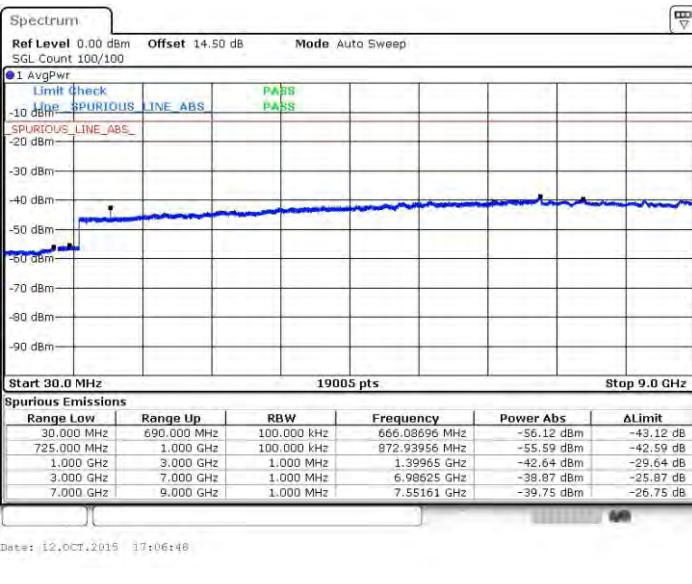
## Highest Channel / 16QAM

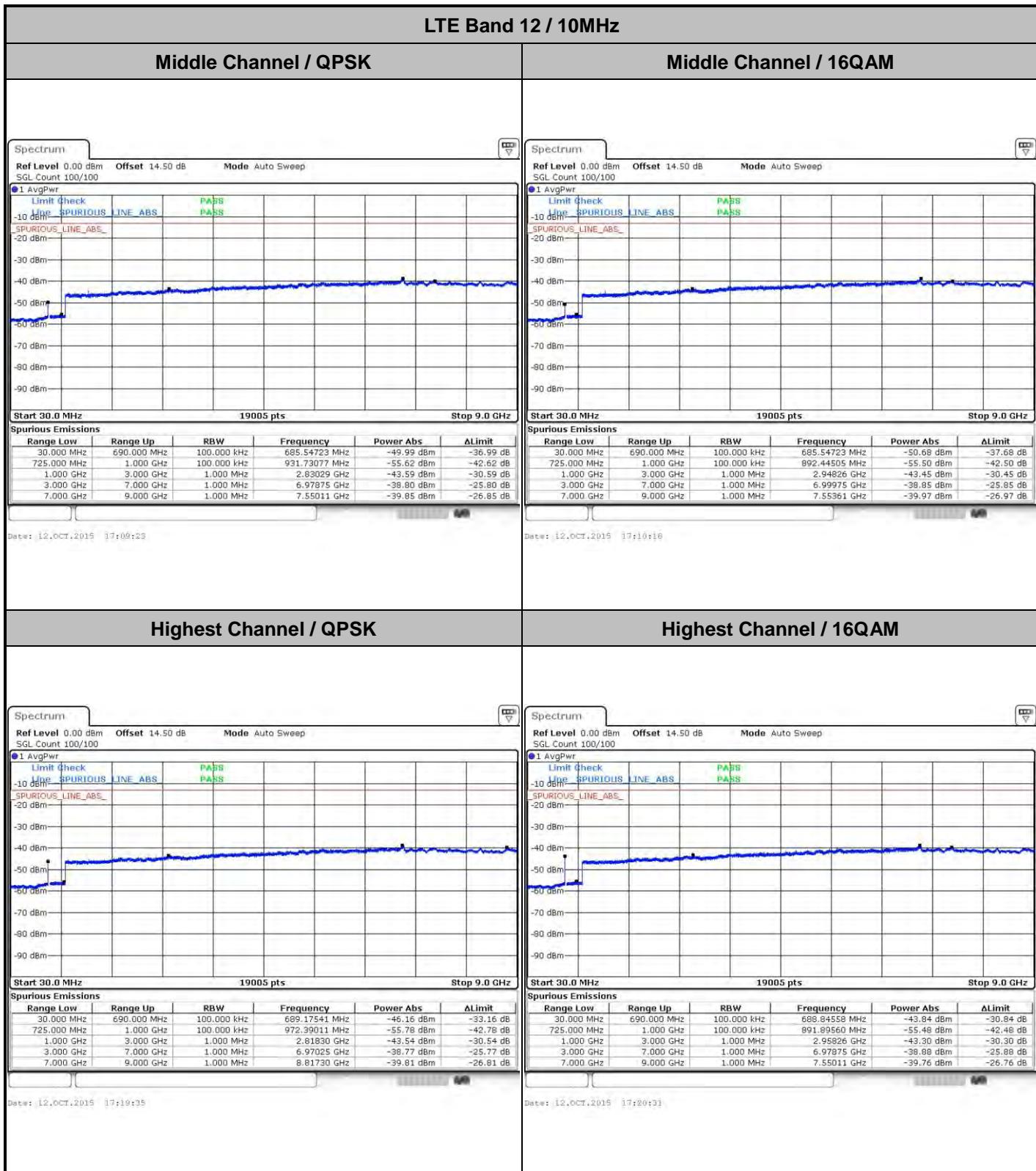


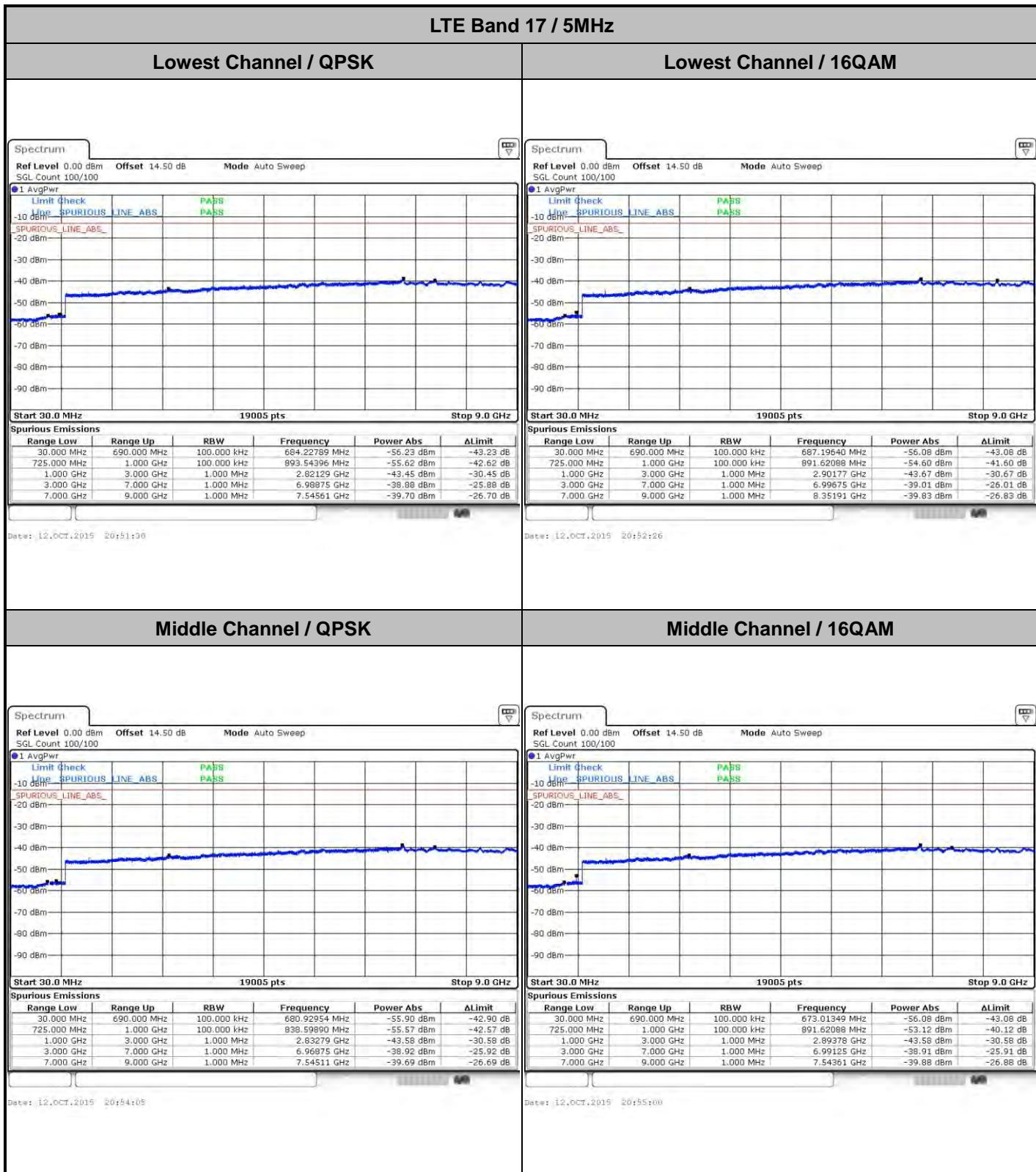
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





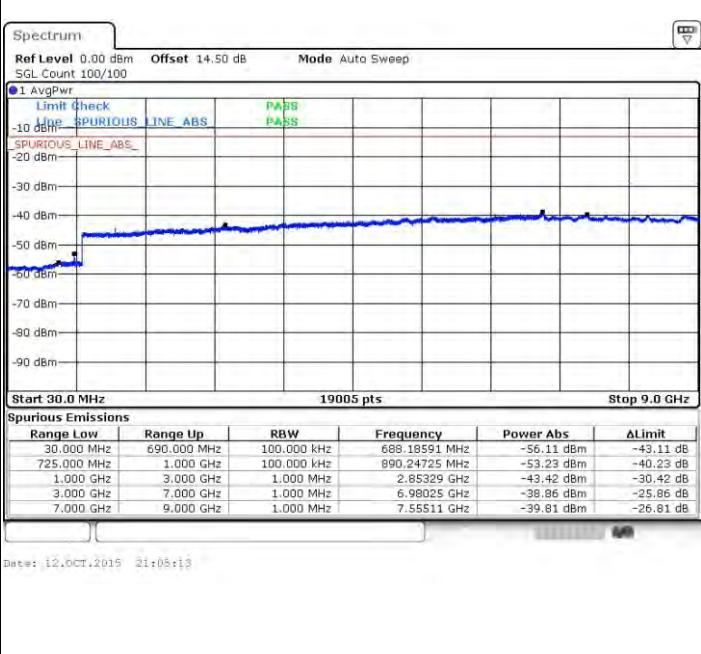
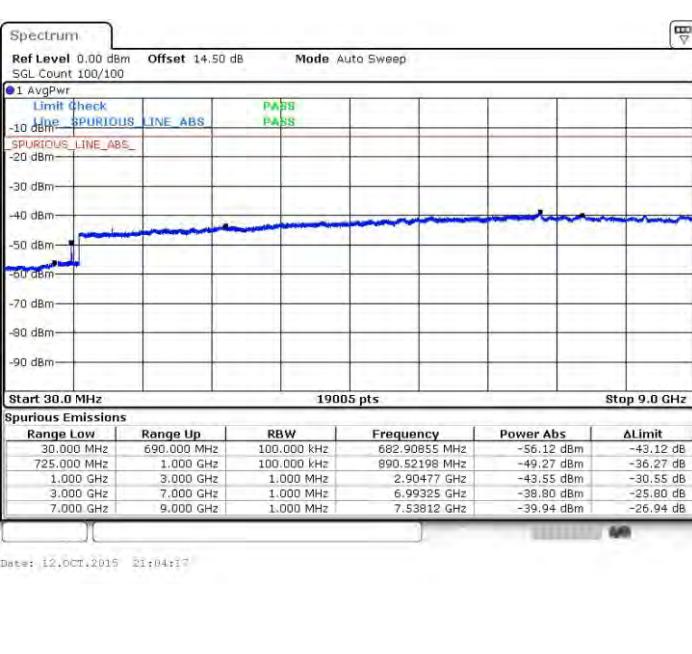




## LTE Band 17 / 5MHz

## Highest Channel / QPSK

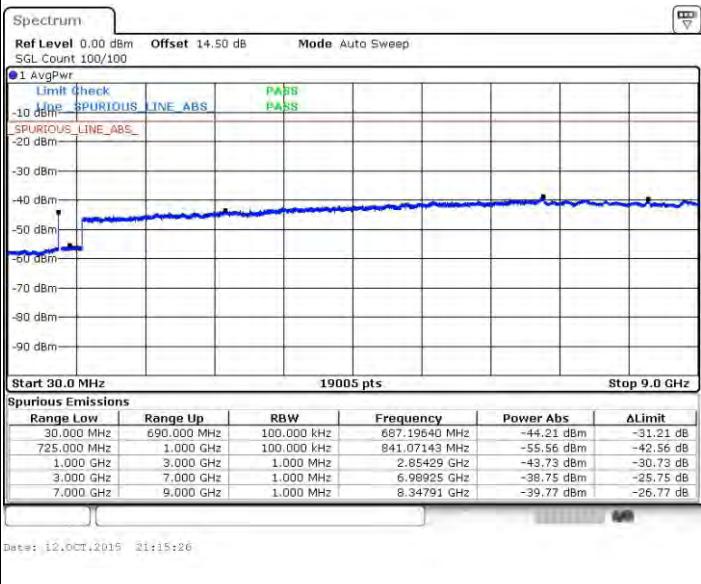
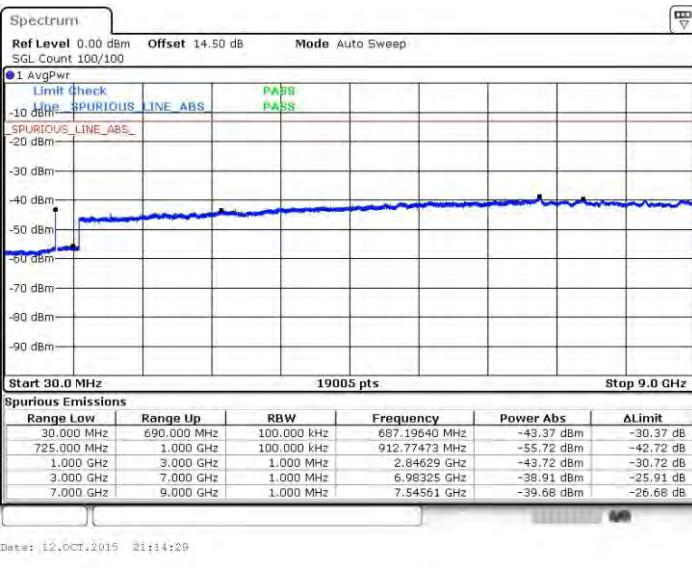
## Highest Channel / 16QAM

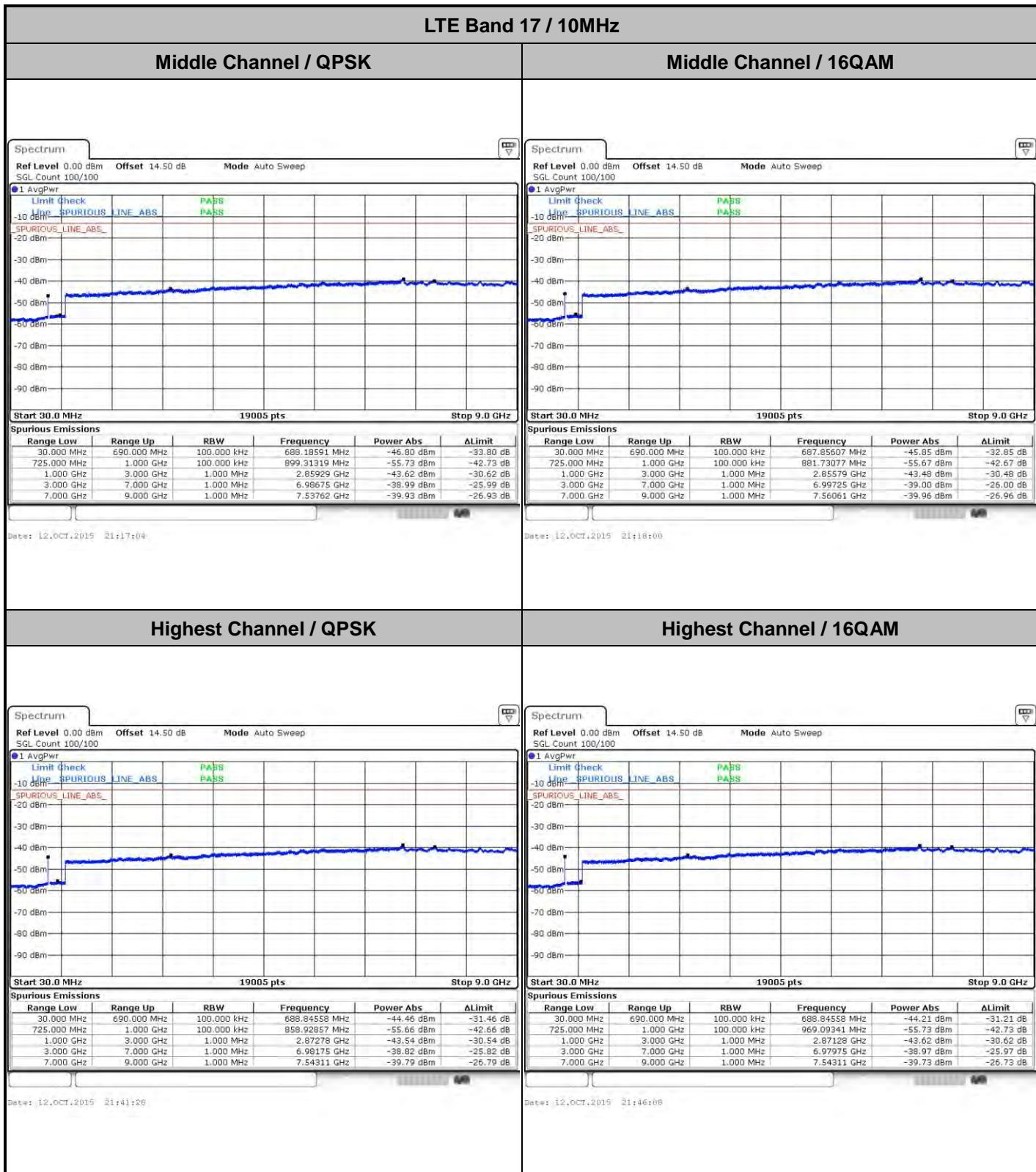


## LTE Band 17 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM







## Frequency Stability

| Test Conditions     |                   | LTE Band 2 (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    | 0.0080                             |         |
| 30                  | Normal Voltage    | 0.0074                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0005                             |         |
| 0                   | Normal Voltage    | 0.0085                             |         |
| -10                 | Normal Voltage    | 0.0016                             |         |
| -20                 | Normal Voltage    | 0.0085                             |         |
| -30                 | Normal Voltage    | 0.0090                             |         |
| 20                  | Maximum Voltage   | 0.0011                             |         |
| 20                  | Normal Voltage    | 0.0000                             |         |
| 20                  | Battery End Point | 0.0005                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage = 4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions     |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0058                             | PASS    |
| 40                  | Normal Voltage    | 0.0006                             |         |
| 30                  | Normal Voltage    | 0.0069                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0017                             |         |
| 0                   | Normal Voltage    | 0.0058                             |         |
| -10                 | Normal Voltage    | 0.0006                             |         |
| -20                 | Normal Voltage    | 0.0017                             |         |
| -30                 | Normal Voltage    | 0.0075                             |         |
| 20                  | Maximum Voltage   | 0.0006                             |         |
| 20                  | Normal Voltage    | 0.0000                             |         |
| 20                  | Battery End Point | 0.0017                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage =4.2V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| 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    | 0.0008                             | PASS    |
| 40                  | Normal Voltage    | 0.0016                             |         |
| 30                  | Normal Voltage    | 0.0071                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0067                             |         |
| 0                   | Normal Voltage    | 0.0067                             |         |
| -10                 | Normal Voltage    | 0.0012                             |         |
| -20                 | Normal Voltage    | 0.0016                             |         |
| -30                 | Normal Voltage    | 0.0079                             |         |
| 20                  | Maximum Voltage   | 0.0008                             |         |
| 20                  | Normal Voltage    | 0.0000                             |         |
| 20                  | Battery End Point | 0.0012                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage =4.2V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| 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    | 0.0141                              | PASS    |
| 40                  | Normal Voltage    | 0.0184                              |         |
| 30                  | Normal Voltage    | 0.0028                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0155                              |         |
| 0                   | Normal Voltage    | 0.0014                              |         |
| -10                 | Normal Voltage    | 0.0184                              |         |
| -20                 | Normal Voltage    | 0.0170                              |         |
| -30                 | Normal Voltage    | 0.0057                              |         |
| 20                  | Maximum Voltage   | 0.0042                              |         |
| 20                  | Normal Voltage    | 0.0014                              |         |
| 20                  | Battery End Point | 0.0028                              |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage =4.2V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions     |                   | LTE Band 17 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0028                              | PASS    |
| 40                  | Normal Voltage    | 0.0155                              |         |
| 30                  | Normal Voltage    | 0.0127                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0127                              |         |
| 0                   | Normal Voltage    | 0.0141                              |         |
| -10                 | Normal Voltage    | 0.0000                              |         |
| -20                 | Normal Voltage    | 0.0028                              |         |
| -30                 | Normal Voltage    | 0.0155                              |         |
| 20                  | Maximum Voltage   | 0.0141                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0028                              |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage =4.2V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



## Appendix B. Test Results of Radiated Test

### ERP/EIRP

| LTE Band 2 / 1.4MHz (Average) |            |      |        |            |         |           |
|-------------------------------|------------|------|--------|------------|---------|-----------|
| Channel                       | Modulation | RB   |        | Horizontal |         | Vertical  |
|                               |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) |
| Lowest                        | QPSK       | 3    | 0      | 21.36      | 0.1369  | 21.48     |
| Middle                        |            | 3    | 0      | 21.33      | 0.1358  | 21.37     |
| Highest                       |            | 3    | 0      | 21.30      | 0.1350  | 21.33     |
| Lowest                        | 16QAM      | 1    | 3      | 20.18      | 0.1043  | 20.30     |
| Middle                        |            | 1    | 3      | 20.06      | 0.1015  | 20.19     |
| Highest                       |            | 1    | 3      | 19.92      | 0.0981  | 20.01     |
| Limit                         | EIRP < 2W  |      |        | Result     |         | PASS      |

| LTE Band 2 / 3MHz (Average) |            |      |        |            |         |           |
|-----------------------------|------------|------|--------|------------|---------|-----------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) |
| Lowest                      | QPSK       | 1    | 8      | 21.11      | 0.1291  | 21.23     |
| Middle                      |            | 1    | 8      | 21.07      | 0.1279  | 21.13     |
| Highest                     |            | 1    | 8      | 21.05      | 0.1273  | 21.14     |
| Lowest                      | 16QAM      | 1    | 8      | 20.14      | 0.1032  | 20.30     |
| Middle                      |            | 1    | 8      | 20.06      | 0.1014  | 20.18     |
| Highest                     |            | 1    | 8      | 20.02      | 0.1004  | 20.16     |
| Limit                       | EIRP < 2W  |      |        | Result     |         | PASS      |



| LTE Band 2 / 5MHz (Average) |            |      |        |            |         |           |         |
|-----------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                      | QPSK       | 1    | 12     | 21.14      | 0.1299  | 21.28     | 0.1343  |
| Middle                      |            | 1    | 12     | 21.18      | 0.1313  | 21.23     | 0.1329  |
| Highest                     |            | 1    | 12     | 20.94      | 0.1243  | 21.07     | 0.1280  |
| Lowest                      | 16QAM      | 1    | 12     | 20.13      | 0.1031  | 20.31     | 0.1075  |
| Middle                      |            | 1    | 0      | 20.14      | 0.1032  | 20.12     | 0.1029  |
| Highest                     |            | 1    | 0      | 19.63      | 0.0918  | 19.80     | 0.0954  |
| Limit                       | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 2 / 10MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 0      | 21.12      | 0.1295  | 21.22     | 0.1324  |
| Middle                       |            | 1    | 25     | 20.98      | 0.1254  | 21.11     | 0.1290  |
| Highest                      |            | 1    | 25     | 20.48      | 0.1118  | 20.69     | 0.1173  |
| Lowest                       | 16QAM      | 1    | 49     | 20.18      | 0.1042  | 20.34     | 0.1082  |
| Middle                       |            | 1    | 0      | 19.96      | 0.0990  | 19.95     | 0.0989  |
| Highest                      |            | 1    | 0      | 19.73      | 0.0941  | 19.95     | 0.0988  |
| Limit                        | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 15MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 0      | 21.15      | 0.1302  | 21.24     | 0.1331  |
| Middle                       |            | 1    | 0      | 20.96      | 0.1246  | 21.01     | 0.1262  |
| Highest                      |            | 1    | 37     | 20.58      | 0.1142  | 20.81     | 0.1206  |
| Lowest                       | 16QAM      | 1    | 74     | 20.07      | 0.1016  | 20.18     | 0.1041  |
| Middle                       |            | 1    | 0      | 20.09      | 0.1022  | 20.15     | 0.1035  |
| Highest                      |            | 1    | 0      | 19.80      | 0.0955  | 20.03     | 0.1006  |
| Limit                        | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 20MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 0      | 21.16      | 0.1305  | 21.27     | 0.1338  |
| Middle                       |            | 1    | 0      | 21.07      | 0.1278  | 21.16     | 0.1306  |
| Highest                      |            | 1    | 0      | 20.88      | 0.1223  | 21.08     | 0.1282  |
| Lowest                       | 16QAM      | 1    | 49     | 20.20      | 0.1047  | 20.34     | 0.1081  |
| Middle                       |            | 1    | 0      | 20.14      | 0.1032  | 20.24     | 0.1058  |
| Highest                      |            | 1    | 49     | 19.78      | 0.0951  | 19.95     | 0.0989  |
| Limit                        | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 4 / 1.4MHz (Average) |            |      |        |            |         |           |         |
|-------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                       | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                               |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                        | QPSK       | 3    | 0      | 20.51      | 0.1125  | 20.57     | 0.1140  |
| Middle                        |            | 3    | 0      | 20.25      | 0.1059  | 19.85     | 0.0966  |
| Highest                       |            | 3    | 3      | 20.64      | 0.1159  | 20.21     | 0.1050  |
| Lowest                        | 16QAM      | 1    | 3      | 17.66      | 0.0583  | 19.53     | 0.0897  |
| Middle                        |            | 1    | 3      | 17.68      | 0.0586  | 19.63     | 0.0918  |
| Highest                       |            | 1    | 5      | 18.41      | 0.0693  | 19.54     | 0.0899  |
| Limit                         | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 3MHz (Average) |            |      |        |            |         |           |         |
|-----------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                      | QPSK       | 1    | 8      | 17.52      | 0.0565  | 21.58     | 0.1439  |
| Middle                      |            | 1    | 8      | 16.94      | 0.0494  | 21.01     | 0.1262  |
| Highest                     |            | 1    | 0      | 18.79      | 0.0757  | 21.87     | 0.1538  |
| Lowest                      | 16QAM      | 1    | 0      | 16.19      | 0.0416  | 20.20     | 0.1047  |
| Middle                      |            | 1    | 8      | 17.05      | 0.0507  | 20.22     | 0.1052  |
| Highest                     |            | 1    | 8      | 17.50      | 0.0562  | 21.32     | 0.1355  |
| Limit                       | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 5MHz (Average) |            |      |        |            |         |           |         |
|-----------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                      | QPSK       | 1    | 12     | 22.53      | 0.1791  | 20.36     | 0.1086  |
| Middle                      |            | 1    | 0      | 22.03      | 0.1596  | 18.99     | 0.0793  |
| Highest                     |            | 1    | 24     | 21.75      | 0.1496  | 20.10     | 0.1023  |
| Lowest                      | 16QAM      | 1    | 0      | 20.27      | 0.1064  | 19.59     | 0.0910  |
| Middle                      |            | 1    | 0      | 19.39      | 0.0869  | 19.58     | 0.0908  |
| Highest                     |            | 1    | 12     | 20.90      | 0.1230  | 19.67     | 0.0927  |
| Limit                       | EIRP < 1W  |      |        | Result     |         | PASS      |         |



| LTE Band 4/ 10MHz (Average) |            |      |        |            |         |           |         |
|-----------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                      | QPSK       | 1    | 0      | 18.78      | 0.0755  | 21.04     | 0.1271  |
| Middle                      |            | 1    | 0      | 18.67      | 0.0736  | 20.01     | 0.1002  |
| Highest                     |            | 1    | 0      | 18.92      | 0.0780  | 21.07     | 0.1279  |
| Lowest                      | 16QAM      | 1    | 0      | 18.42      | 0.0695  | 20.81     | 0.1205  |
| Middle                      |            | 1    | 0      | 18.15      | 0.0653  | 19.90     | 0.0977  |
| Highest                     |            | 1    | 49     | 18.23      | 0.0665  | 20.92     | 0.1236  |
| Limit                       | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 15MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 0      | 18.11      | 0.0647  | 20.85     | 0.1216  |
| Middle                       |            | 1    | 0      | 18.15      | 0.0653  | 20.21     | 0.1050  |
| Highest                      |            | 1    | 37     | 18.81      | 0.0760  | 20.68     | 0.1169  |
| Lowest                       | 16QAM      | 1    | 0      | 18.58      | 0.0721  | 20.77     | 0.1194  |
| Middle                       |            | 1    | 0      | 17.85      | 0.0610  | 20.12     | 0.1028  |
| Highest                      |            | 1    | 74     | 18.77      | 0.0753  | 20.34     | 0.1081  |
| Limit                        | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 20MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 0      | 16.02      | 0.0400  | 21.32     | 0.1355  |
| Middle                       |            | 1    | 0      | 16.00      | 0.0398  | 20.27     | 0.1064  |
| Highest                      |            | 1    | 0      | 15.89      | 0.0388  | 21.09     | 0.1285  |
| Lowest                       | 16QAM      | 1    | 0      | 19.28      | 0.0847  | 20.41     | 0.1099  |
| Middle                       |            | 1    | 0      | 18.97      | 0.0789  | 19.72     | 0.0938  |
| Highest                      |            | 1    | 99     | 19.32      | 0.0855  | 20.13     | 0.1030  |
| Limit                        | EIRP < 1W  |      |        | Result     |         | PASS      |         |



| LTE Band 7 / 5MHz (Average) |            |      |        |            |         |           |         |
|-----------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                      | QPSK       | 1    | 12     | 20.17      | 0.1040  | 20.27     | 0.1064  |
| Middle                      |            | 1    | 0      | 19.85      | 0.0966  | 19.83     | 0.0962  |
| Highest                     |            | 1    | 12     | 19.37      | 0.0865  | 19.26     | 0.0843  |
| Lowest                      | 16QAM      | 1    | 12     | 19.37      | 0.0865  | 19.43     | 0.0877  |
| Middle                      |            | 1    | 12     | 19.04      | 0.0803  | 18.91     | 0.0778  |
| Highest                     |            | 1    | 12     | 18.53      | 0.0713  | 18.41     | 0.0694  |
| Limit                       | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 7 / 10MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 49     | 20.14      | 0.1034  | 20.09     | 0.1021  |
| Middle                       |            | 1    | 49     | 20.02      | 0.1005  | 19.75     | 0.0945  |
| Highest                      |            | 1    | 25     | 19.39      | 0.0869  | 19.24     | 0.0839  |
| Lowest                       | 16QAM      | 1    | 25     | 19.21      | 0.0834  | 19.16     | 0.0824  |
| Middle                       |            | 1    | 25     | 19.04      | 0.0802  | 18.79     | 0.0757  |
| Highest                      |            | 1    | 49     | 18.71      | 0.0743  | 18.22     | 0.0664  |
| Limit                        | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 7 / 15MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 74     | 19.97      | 0.0993  | 19.89     | 0.0976  |
| Middle                       |            | 1    | 37     | 19.99      | 0.0998  | 19.84     | 0.0964  |
| Highest                      |            | 1    | 74     | 19.31      | 0.0853  | 19.14     | 0.0820  |
| Lowest                       | 16QAM      | 1    | 74     | 18.96      | 0.0788  | 18.88     | 0.0773  |
| Middle                       |            | 1    | 37     | 19.10      | 0.0813  | 18.85     | 0.0767  |
| Highest                      |            | 1    | 74     | 18.68      | 0.0738  | 18.15     | 0.0653  |
| Limit                        | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 7 / 20MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 99     | 19.90      | 0.0977  | 19.77     | 0.0949  |
| Middle                       |            | 1    | 99     | 19.68      | 0.0929  | 19.65     | 0.0922  |
| Highest                      |            | 1    | 99     | 19.32      | 0.0854  | 19.12     | 0.0816  |
| Lowest                       | 16QAM      | 1    | 99     | 19.00      | 0.0794  | 18.82     | 0.0762  |
| Middle                       |            | 1    | 49     | 19.05      | 0.0804  | 18.80     | 0.0758  |
| Highest                      |            | 1    | 99     | 18.73      | 0.0746  | 18.19     | 0.0659  |
| Limit                        | EIRP < 2W  |      |        | Result     |         | PASS      |         |



| LTE Band 12 / 1.4MHz (Average) |            |      |        |            |        |          |        |
|--------------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                        | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                                |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                         | QPSK       | 3    | 3      | 14.96      | 0.0313 | 18.28    | 0.0673 |
| Middle                         |            | 3    | 0      | 15.68      | 0.0370 | 18.48    | 0.0705 |
| Highest                        |            | 3    | 0      | 15.69      | 0.0371 | 17.76    | 0.0597 |
| Lowest                         | 16QAM      | 1    | 3      | 13.11      | 0.0205 | 17.65    | 0.0582 |
| Middle                         |            | 1    | 3      | 14.63      | 0.0290 | 17.84    | 0.0608 |
| Highest                        |            | 1    | 3      | 14.44      | 0.0278 | 16.98    | 0.0499 |
| Limit                          | ERP < 3W   |      |        | Result     |        | PASS     |        |

| LTE Band 12 / 3MHz (Average) |            |      |        |            |        |          |        |
|------------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                      | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                              |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                       | QPSK       | 1    | 8      | 17.84      | 0.0608 | 18.40    | 0.0692 |
| Middle                       |            | 1    | 0      | 17.64      | 0.0581 | 18.27    | 0.0671 |
| Highest                      |            | 1    | 0      | 16.70      | 0.0468 | 17.59    | 0.0574 |
| Lowest                       | 16QAM      | 1    | 8      | 16.93      | 0.0493 | 17.61    | 0.0577 |
| Middle                       |            | 1    | 0      | 16.84      | 0.0483 | 17.79    | 0.0601 |
| Highest                      |            | 1    | 14     | 15.95      | 0.0394 | 16.43    | 0.0440 |
| Limit                        | ERP < 3W   |      |        | Result     |        | PASS     |        |



| LTE Band 12 / 5MHz (Average) |            |      |        |            |        |          |        |
|------------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                      | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                              |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                       | QPSK       | 1    | 12     | 13.48      | 0.0223 | 18.72    | 0.0745 |
| Middle                       |            | 1    | 0      | 14.42      | 0.0277 | 18.76    | 0.0752 |
| Highest                      |            | 1    | 0      | 14.97      | 0.0314 | 18.44    | 0.0698 |
| Lowest                       | 16QAM      | 1    | 24     | 14.58      | 0.0287 | 17.95    | 0.0624 |
| Middle                       |            | 1    | 0      | 14.75      | 0.0299 | 18.14    | 0.0652 |
| Highest                      |            | 1    | 24     | 14.35      | 0.0272 | 17.06    | 0.0508 |
| Limit                        | ERP < 3W   |      |        | Result     |        | PASS     |        |

| LTE Band 12 / 10MHz (Average) |            |      |        |            |        |          |        |
|-------------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                       | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                               |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                        | QPSK       | 1    | 25     | 15.98      | 0.0396 | 18.69    | 0.0740 |
| Middle                        |            | 1    | 25     | 16.03      | 0.0401 | 18.82    | 0.0762 |
| Highest                       |            | 1    | 25     | 15.57      | 0.0361 | 18.46    | 0.0701 |
| Lowest                        | 16QAM      | 1    | 25     | 16.12      | 0.0409 | 17.99    | 0.0630 |
| Middle                        |            | 1    | 25     | 16.18      | 0.0415 | 18.15    | 0.0653 |
| Highest                       |            | 1    | 0      | 16.13      | 0.0410 | 18.18    | 0.0658 |
| Limit                         | ERP < 3W   |      |        | Result     |        | PASS     |        |



| LTE Band 17 / 5MHz (Average) |            |      |        |            |        |          |        |
|------------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                      | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                              |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                       | QPSK       | 1    | 0      | 16.74      | 0.0472 | 4.52     | 0.0028 |
| Middle                       |            | 1    | 0      | 16.65      | 0.0462 | 4.65     | 0.0029 |
| Highest                      |            | 1    | 0      | 16.36      | 0.0433 | 4.43     | 0.0028 |
| Lowest                       | 16QAM      | 1    | 12     | 16.05      | 0.0403 | 3.95     | 0.0025 |
| Middle                       |            | 1    | 0      | 15.88      | 0.0387 | 3.93     | 0.0025 |
| Highest                      |            | 1    | 24     | 15.22      | 0.0332 | 3.14     | 0.0021 |
| Limit                        | ERP < 3W   |      |        | Result     |        | PASS     |        |

| LTE Band 17 / 10MHz (Average) |            |      |        |            |        |          |        |
|-------------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                       | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                               |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                        | QPSK       | 1    | 0      | 16.72      | 0.0470 | 4.50     | 0.0028 |
| Middle                        |            | 1    | 0      | 16.73      | 0.0471 | 4.56     | 0.0029 |
| Highest                       |            | 1    | 0      | 16.73      | 0.0471 | 4.63     | 0.0029 |
| Lowest                        | 16QAM      | 1    | 0      | 15.91      | 0.0390 | 4.32     | 0.0027 |
| Middle                        |            | 1    | 0      | 15.97      | 0.0396 | 4.49     | 0.0028 |
| Highest                       |            | 1    | 0      | 15.94      | 0.0392 | 4.51     | 0.0028 |
| Limit                         | ERP < 3W   |      |        | Result     |        | PASS     |        |



## Radiated Spurious Emission

| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 3700.32           | -56.95       | -13           | -43.95            | -68.20            | -68.68             | 0.87                 | 12.60                 | H                  |
|   | 5550.48           | -25.28       | -13           | -12.28            | -43.51            | -37.31             | 1.07                 | 13.10                 | H                  |
|   | 7400.64           | -50.01       | -13           | -37.01            | -68.33            | -59.62             | 1.69                 | 11.30                 | H                  |
|   | 3700.32           | -55.33       | -13           | -42.33            | -67.8             | -67.06             | 0.87                 | 12.60                 | V                  |
|   | 5550.48           | -33.78       | -13           | -20.78            | -51.58            | -45.81             | 1.07                 | 13.10                 | V                  |
|   | 7400.64           | -46.02       | -13           | -33.02            | -64.24            | -55.63             | 1.69                 | 11.30                 | V                  |
| Middle  | 3758.92           | -55.76       | -13           | -42.76            | -67.01            | -67.49             | 0.87                 | 12.60                 | H                  |
|   | 5638.38           | -26.61       | -13           | -13.61            | -44.73            | -38.64             | 1.07                 | 13.10                 | H                  |
|   | 7517.84           | -51.52       | -13           | -38.52            | -69.84            | -61.13             | 1.69                 | 11.30                 | H                  |
|   | 3758.92           | -56.33       | -13           | -43.33            | -68.8             | -68.06             | 0.87                 | 12.60                 | V                  |
|   | 5638.38           | -34.50       | -13           | -21.50            | -52.05            | -46.53             | 1.07                 | 13.10                 | V                  |
|   | 7517.84           | -47.90       | -13           | -34.90            | -66.12            | -57.51             | 1.69                 | 11.30                 | V                  |
| Highest   | 3817.52           | -56.35       | -13           | -43.35            | -67.60            | -68.08             | 0.87                 | 12.60                 | H                  |
|   | 5726.28           | -24.62       | -13           | -11.62            | -42.91            | -36.65             | 1.07                 | 13.10                 | H                  |
|   | 7635.04           | -48.37       | -13           | -35.37            | -66.69            | -57.98             | 1.69                 | 11.30                 | H                  |
|   | 3817.52           | -55.80       | -13           | -42.80            | -68.27            | -67.53             | 0.87                 | 12.60                 | V                  |
|   | 5726.28           | -30.90       | -13           | -17.90            | -49.14            | -42.93             | 1.07                 | 13.10                 | V                  |
|   | 7635.04           | -47.69       | -13           | -34.69            | -65.91            | -57.30             | 1.69                 | 11.30                 | V                  |

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



| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 3700.48           | -57.27       | -13           | -44.27            | -68.52            | -69.00             | 0.87                 | 12.60                 | H                  |
|   | 5550.72           | -28.15       | -13           | -15.15            | -46.17            | -40.18             | 1.07                 | 13.10                 | H                  |
|   | 7400.96           | -49.58       | -13           | -36.58            | -67.90            | -59.19             | 1.69                 | 11.30                 | H                  |
|   | 3700.48           | -55.15       | -13           | -42.15            | -67.62            | -66.88             | 0.87                 | 12.60                 | V                  |
|   | 5550.72           | -35.91       | -13           | -22.91            | -53.3             | -47.94             | 1.07                 | 13.10                 | V                  |
|   | 7400.96           | -47.81       | -13           | -34.81            | -66.03            | -57.42             | 1.69                 | 11.30                 | V                  |
| Middle  | 3758.92           | -56.27       | -13           | -43.27            | -67.52            | -68.00             | 0.87                 | 12.60                 | H                  |
|   | 5638.38           | -25.41       | -13           | -12.41            | -43.61            | -37.44             | 1.07                 | 13.10                 | H                  |
|   | 7517.84           | -49.43       | -13           | -36.43            | -67.75            | -59.04             | 1.69                 | 11.30                 | H                  |
|   | 3758.92           | -56.37       | -13           | -43.37            | -68.84            | -68.10             | 0.87                 | 12.60                 | V                  |
|   | 5638.38           | -33.81       | -13           | -20.81            | -51.6             | -45.84             | 1.07                 | 13.10                 | V                  |
|   | 7517.84           | -48.74       | -13           | -35.74            | -66.96            | -58.35             | 1.69                 | 11.30                 | V                  |
| Highest                                       | 3814.48           | -55.76       | -13           | -42.76            | -67.01            | -67.49             | 0.87                 | 12.60                 | H                  |
|   | 5721.72           | -25.81       | -13           | -12.81            | -43.90            | -37.84             | 1.07                 | 13.10                 | H                  |
|   | 7628.96           | -50.79       | -13           | -37.79            | -69.11            | -60.40             | 1.69                 | 11.30                 | H                  |
|   | 3814.48           | -55.40       | -13           | -42.40            | -67.87            | -67.13             | 0.87                 | 12.60                 | V                  |
|   | 5721.72           | -29.94       | -13           | -16.94            | -48.34            | -41.97             | 1.07                 | 13.10                 | V                  |
|   | 7628.96           | -50.53       | -13           | -37.53            | -68.75            | -60.14             | 1.69                 | 11.30                 | V                  |

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



| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 3700.68           | -57.12       | -13           | -44.12            | -68.37            | -68.85             | 0.87                 | 12.60                 | H                  |
|   | 5551.02           | -28.56       | -13           | -15.56            | -46.61            | -40.59             | 1.07                 | 13.10                 | H                  |
|   | 7401.36           | -50.97       | -13           | -37.97            | -69.29            | -60.58             | 1.69                 | 11.30                 | H                  |
|   | 3700.68           | -56.29       | -13           | -43.29            | -68.76            | -68.02             | 0.87                 | 12.60                 | V                  |
|   | 5551.02           | -35.09       | -13           | -22.09            | -52.48            | -47.12             | 1.07                 | 13.10                 | V                  |
|   | 7401.36           | -47.11       | -13           | -34.11            | -65.33            | -56.72             | 1.69                 | 11.30                 | V                  |
| Middle  | 3755.68           | -57.16       | -13           | -44.16            | -68.41            | -68.89             | 0.87                 | 12.60                 | H                  |
|   | 5633.52           | -26.12       | -13           | -13.12            | -44.18            | -38.15             | 1.07                 | 13.10                 | H                  |
|   | 7511.36           | -51.67       | -13           | -38.67            | -69.99            | -61.28             | 1.69                 | 11.30                 | H                  |
|   | 3755.68           | -55.84       | -13           | -42.84            | -68.31            | -67.57             | 0.87                 | 12.60                 | V                  |
|   | 5633.52           | -34.86       | -13           | -21.86            | -52.3             | -46.89             | 1.07                 | 13.10                 | V                  |
|   | 7511.36           | -50.59       | -13           | -37.59            | -68.81            | -60.20             | 1.69                 | 11.30                 | V                  |
| Highest                                       | 3814.48           | -56.07       | -13           | -43.07            | -67.32            | -67.80             | 0.87                 | 12.60                 | H                  |
|   | 5721.72           | -25.10       | -13           | -12.10            | -43.38            | -37.13             | 1.07                 | 13.10                 | H                  |
|   | 7628.96           | -50.15       | -13           | -37.15            | -68.47            | -59.76             | 1.69                 | 11.30                 | H                  |
|   | 3814.48           | -54.40       | -13           | -41.40            | -66.87            | -66.13             | 0.87                 | 12.60                 | V                  |
|   | 5721.72           | -31.05       | -13           | -18.05            | -49.27            | -43.08             | 1.07                 | 13.10                 | V                  |
|   | 7628.96           | -49.94       | -13           | -36.94            | -68.16            | -59.55             | 1.69                 | 11.30                 | V                  |

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



| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 3701.18           | -55.65       | -13           | -42.65            | -66.90            | -67.38             | 0.87                 | 12.60                 | H                  |
|  | 5551.77           | -27.19       | -13           | -14.19            | -45.33            | -39.22             | 1.07                 | 13.10                 | H                  |
|  | 7402.36           | -50.57       | -13           | -37.57            | -68.89            | -60.18             | 1.69                 | 11.30                 | H                  |
|  | 3701.18           | -56.30       | -13           | -43.30            | -68.77            | -68.03             | 0.87                 | 12.60                 | V                  |
|  | 5551.77           | -34.05       | -13           | -21.05            | -51.75            | -46.08             | 1.07                 | 13.10                 | V                  |
|  | 7402.36           | -47.50       | -13           | -34.50            | -65.72            | -57.11             | 1.69                 | 11.30                 | V                  |
| Middle   | 3751.18           | -56.85       | -13           | -43.85            | -68.10            | -68.58             | 0.87                 | 12.60                 | H                  |
|  | 5626.77           | -24.58       | -13           | -11.58            | -42.86            | -36.61             | 1.07                 | 13.10                 | H                  |
|  | 7502.36           | -50.55       | -13           | -37.55            | -68.87            | -60.16             | 1.69                 | 11.30                 | H                  |
|  | 3751.18           | -56.60       | -13           | -43.60            | -69.07            | -68.33             | 0.87                 | 12.60                 | V                  |
|  | 5626.77           | -30.80       | -13           | -17.80            | -49.06            | -42.83             | 1.07                 | 13.10                 | V                  |
|  | 7502.36           | -50.98       | -13           | -37.98            | -69.2             | -60.59             | 1.69                 | 11.30                 | V                  |
| Highest  | 3801.18           | -55.38       | -13           | -42.38            | -66.63            | -67.11             | 0.87                 | 12.60                 | H                  |
|  | 5701.77           | -24.70       | -13           | -11.70            | -42.99            | -36.73             | 1.07                 | 13.10                 | H                  |
|  | 7602.36           | -47.57       | -13           | -34.57            | -65.89            | -57.18             | 1.69                 | 11.30                 | H                  |
|  | 3801.18           | -55.06       | -13           | -42.06            | -67.53            | -66.79             | 0.87                 | 12.60                 | V                  |
|  | 5701.77           | -31.42       | -13           | -18.42            | -49.6             | -43.45             | 1.07                 | 13.10                 | V                  |
|  | 7602.36           | -50.16       | -13           | -37.16            | -68.38            | -59.77             | 1.69                 | 11.30                 | V                  |

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



| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 3701.68           | -56.70       | -13           | -43.70            | -67.95            | -68.43             | 0.87                 | 12.60                 | H                  |
|  | 5552.52           | -24.16       | -13           | -11.16            | -42.42            | -36.19             | 1.07                 | 13.10                 | H                  |
|  | 7403.36           | -51.41       | -13           | -38.41            | -69.73            | -61.02             | 1.69                 | 11.30                 | H                  |
|  | 3701.68           | -55.35       | -13           | -42.35            | -67.82            | -67.08             | 0.87                 | 12.60                 | V                  |
|  | 5552.52           | -36.04       | -13           | -23.04            | -53.41            | -48.07             | 1.07                 | 13.10                 | V                  |
|  | 7403.36           | -44.88       | -13           | -31.88            | -63.1             | -54.49             | 1.69                 | 11.30                 | V                  |
| Middle   | 3746.68           | -55.70       | -13           | -42.70            | -66.95            | -67.43             | 0.87                 | 12.60                 | H                  |
|  | 5620.02           | -23.44       | -13           | -10.44            | -41.78            | -35.47             | 1.07                 | 13.10                 | H                  |
|  | 7493.36           | -49.71       | -13           | -36.71            | -68.03            | -59.32             | 1.69                 | 11.30                 | H                  |
|  | 3746.68           | -55.48       | -13           | -42.48            | -67.95            | -67.21             | 0.87                 | 12.60                 | V                  |
|  | 5620.02           | -30.20       | -13           | -17.20            | -48.56            | -42.23             | 1.07                 | 13.10                 | V                  |
|  | 7493.36           | -46.92       | -13           | -33.92            | -65.14            | -56.53             | 1.69                 | 11.30                 | V                  |
| Highest  | 3791.68           | -56.07       | -13           | -43.07            | -67.32            | -67.80             | 0.87                 | 12.60                 | H                  |
|  | 5687.52           | -24.41       | -13           | -11.41            | -42.69            | -36.44             | 1.07                 | 13.10                 | H                  |
|  | 7583.36           | -48.17       | -13           | -35.17            | -66.49            | -57.78             | 1.69                 | 11.30                 | H                  |
|  | 3791.68           | -55.66       | -13           | -42.66            | -68.13            | -67.39             | 0.87                 | 12.60                 | V                  |
|  | 5687.52           | -31.07       | -13           | -18.07            | -49.29            | -43.10             | 1.07                 | 13.10                 | V                  |
|  | 7583.36           | -48.28       | -13           | -35.28            | -66.5             | -57.89             | 1.69                 | 11.30                 | V                  |

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



| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 3702.18           | -56.29       | -13           | -43.29            | -67.54            | -68.02             | 0.87                 | 12.60                 | H                  |
|  | 5553.27           | -26.23       | -13           | -13.23            | -44.30            | -38.26             | 1.07                 | 13.10                 | H                  |
|  | 7404.36           | -50.58       | -13           | -37.58            | -68.90            | -60.19             | 1.69                 | 11.30                 | H                  |
|  | 3702.18           | -55.23       | -13           | -42.23            | -67.7             | -66.96             | 0.87                 | 12.60                 | V                  |
|  | 5553.27           | -35.25       | -13           | -22.25            | -52.64            | -47.28             | 1.07                 | 13.10                 | V                  |
|  | 7404.36           | -45.72       | -13           | -32.72            | -63.94            | -55.33             | 1.69                 | 11.30                 | V                  |
| Middle   | 3742.18           | -56.02       | -13           | -43.02            | -67.27            | -67.75             | 0.87                 | 12.60                 | H                  |
|  | 5613.27           | -25.14       | -13           | -12.14            | -43.41            | -37.17             | 1.07                 | 13.10                 | H                  |
|  | 7484.36           | -49.97       | -13           | -36.97            | -68.29            | -59.58             | 1.69                 | 11.30                 | H                  |
|  | 3742.18           | -55.92       | -13           | -42.92            | -68.39            | -67.65             | 0.87                 | 12.60                 | V                  |
|  | 5613.27           | -31.42       | -13           | -18.42            | -49.6             | -43.45             | 1.07                 | 13.10                 | V                  |
|  | 7484.36           | -46.04       | -13           | -33.04            | -64.26            | -55.65             | 1.69                 | 11.30                 | V                  |
| Highest  | 3782.18           | -57.19       | -13           | -44.19            | -68.44            | -68.92             | 0.87                 | 12.60                 | H                  |
|  | 5673.27           | -23.66       | -13           | -10.66            | -41.97            | -35.69             | 1.07                 | 13.10                 | H                  |
|  | 7564.36           | -49.15       | -13           | -36.15            | -67.47            | -58.76             | 1.69                 | 11.30                 | H                  |
|  | 3782.18           | -54.53       | -13           | -41.53            | -67               | -66.26             | 0.87                 | 12.60                 | V                  |
|  | 5673.27           | -27.47       | -13           | -14.47            | -46.16            | -39.50             | 1.07                 | 13.10                 | V                  |
|  | 7564.36           | -47.25       | -13           | -34.25            | -65.47            | -56.86             | 1.69                 | 11.30                 | V                  |

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



| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 3420.32           | -48.67       | -13           | -35.67            | -60.47            | -60.42             | 0.85                 | 12.60                 | H                  |
|   | 5130.48           | -31.32       | -13           | -18.32            | -48.58            | -43.07             | 0.95                 | 12.70                 | H                  |
|   | 6840.64           | -48.24       | -13           | -35.24            | -64.87            | -58.76             | 1.18                 | 11.70                 | H                  |
|   | 3420.32           | -52.19       | -13           | -39.19            | -62.42            | -63.98             | 0.81                 | 12.60                 | V                  |
|   | 5130.48           | -38.21       | -13           | -25.21            | -54.67            | -49.96             | 0.95                 | 12.70                 | V                  |
|   | 6840.64           | -44.71       | -13           | -31.71            | -61.89            | -55.28             | 1.13                 | 11.70                 | V                  |
| Middle  | 3463.74           | -50.85       | -13           | -37.85            | -62.65            | -62.60             | 0.85                 | 12.60                 | H                  |
|   | 5195.61           | -38.75       | -13           | -25.75            | -54.62            | -50.50             | 0.95                 | 12.70                 | H                  |
|   | 6927.48           | -52.76       | -13           | -39.76            | -69.39            | -63.28             | 1.18                 | 11.70                 | H                  |
|   | 3463.74           | -52.06       | -13           | -39.06            | -62.29            | -63.85             | 0.81                 | 12.60                 | V                  |
|   | 5195.61           | -40.16       | -13           | -27.16            | -55.95            | -51.91             | 0.95                 | 12.70                 | V                  |
|   | 6927.48           | -49.94       | -13           | -36.94            | -67.12            | -60.51             | 1.13                 | 11.70                 | V                  |
| Highest   | 3507.52           | -55.25       | -13           | -42.25            | -67.05            | -67.00             | 0.85                 | 12.60                 | H                  |
|   | 5261.28           | -35.98       | -13           | -22.98            | -52.44            | -47.73             | 0.95                 | 12.70                 | H                  |
|   | 7015.04           | -51.26       | -13           | -38.26            | -67.89            | -61.78             | 1.18                 | 11.70                 | H                  |
|   | 3507.52           | -57.50       | -13           | -44.50            | -67.73            | -69.29             | 0.81                 | 12.6                  | V                  |
|   | 5261.28           | -43.25       | -13           | -30.25            | -57.88            | -55.00             | 0.95                 | 12.7                  | V                  |
|   | 7015.04           | -52.71       | -13           | -39.71            | -69.89            | -63.28             | 1.13                 | 11.7                  | V                  |

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



| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 3420.48           | -47.45       | -13           | -34.45            | -59.25            | -59.20             | 0.85                 | 12.60                 | H                  |
|   | 5130.72           | -32.19       | -13           | -19.19            | -49.29            | -43.94             | 0.95                 | 12.70                 | H                  |
|   | 6840.96           | -53.39       | -13           | -40.39            | -70.02            | -63.91             | 1.18                 | 11.70                 | H                  |
|   | 3420.48           | -50.53       | -13           | -37.53            | -60.76            | -62.32             | 0.81                 | 12.60                 | V                  |
|   | 5130.72           | -37.27       | -13           | -24.27            | -53.93            | -49.02             | 0.95                 | 12.70                 | V                  |
|   | 6840.96           | -49.75       | -13           | -36.75            | -66.93            | -60.32             | 1.13                 | 11.70                 | V                  |
| Middle  | 3462.3            | -51.49       | -13           | -38.49            | -63.29            | -63.24             | 0.85                 | 12.60                 | H                  |
|   | 5193.45           | -33.77       | -13           | -20.77            | -50.69            | -45.52             | 0.95                 | 12.70                 | H                  |
|   | 6924.6            | -53.52       | -13           | -40.52            | -70.15            | -64.04             | 1.18                 | 11.70                 | H                  |
|   | 3462.3            | -53.94       | -13           | -40.94            | -64.17            | -65.73             | 0.81                 | 12.60                 | V                  |
|   | 5193.45           | -39.36       | -13           | -26.36            | -55.37            | -51.11             | 0.95                 | 12.70                 | V                  |
|   | 6924.6            | -50.08       | -13           | -37.08            | -67.26            | -60.65             | 1.13                 | 11.70                 | V                  |
| Highest                                       | 3504.48           | -50.27       | -13           | -37.27            | -62.07            | -62.02             | 0.85                 | 12.60                 | H                  |
|   | 5256.72           | -33.18       | -13           | -20.18            | -50.14            | -44.93             | 0.95                 | 12.70                 | H                  |
|   | 7008.96           | -52.82       | -13           | -39.82            | -69.45            | -63.34             | 1.18                 | 11.70                 | H                  |
|   | 3504.48           | -53.49       | -13           | -40.49            | -63.72            | -65.28             | 0.81                 | 12.60                 | V                  |
|   | 5256.72           | -35.32       | -13           | -22.32            | -52.2             | -47.07             | 0.95                 | 12.70                 | V                  |
|   | 7008.96           | -47.63       | -13           | -34.63            | -64.81            | -58.20             | 1.13                 | 11.70                 | V                  |

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



| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 3420.68           | -49.50       | -13           | -36.50            | -61.30            | -61.25             | 0.85                 | 12.60                 | H                  |
|   | 5131.02           | -34.30       | -13           | -21.30            | -51.15            | -46.05             | 0.95                 | 12.70                 | H                  |
|   | 6841.36           | -49.97       | -13           | -36.97            | -66.60            | -60.49             | 1.18                 | 11.70                 | H                  |
|   | 3420.68           | -50.71       | -13           | -37.71            | -60.94            | -62.50             | 0.81                 | 12.60                 | V                  |
|   | 5131.02           | -38.69       | -13           | -25.69            | -54.92            | -50.44             | 0.95                 | 12.70                 | V                  |
|   | 6841.36           | -49.38       | -13           | -36.38            | -66.56            | -59.95             | 1.13                 | 11.70                 | V                  |
| Middle  | 3460.68           | -51.36       | -13           | -38.36            | -63.16            | -63.11             | 0.85                 | 12.60                 | H                  |
|   | 5191.02           | -31.19       | -13           | -18.19            | -48.47            | -42.94             | 0.95                 | 12.70                 | H                  |
|   | 6921.36           | -49.82       | -13           | -36.82            | -66.45            | -60.34             | 1.18                 | 11.70                 | H                  |
|   | 3460.68           | -52.02       | -13           | -39.02            | -62.25            | -63.81             | 0.81                 | 12.60                 | V                  |
|   | 5191.02           | -39.83       | -13           | -26.83            | -55.74            | -51.58             | 0.95                 | 12.70                 | V                  |
|   | 6921.36           | -50.10       | -13           | -37.10            | -67.28            | -60.67             | 1.13                 | 11.70                 | V                  |
| Highest                                       | 3500.68           | -54.12       | -13           | -41.12            | -65.92            | -65.87             | 0.85                 | 12.60                 | H                  |
|   | 5251.02           | -31.70       | -13           | -18.70            | -48.89            | -43.45             | 0.95                 | 12.70                 | H                  |
|   | 7001.36           | -52.52       | -13           | -39.52            | -69.15            | -63.04             | 1.18                 | 11.70                 | H                  |
|   | 3500.68           | -53.99       | -13           | -40.99            | -64.22            | -65.78             | 0.81                 | 12.60                 | V                  |
|   | 5251.02           | -36.63       | -13           | -23.63            | -53.43            | -48.38             | 0.95                 | 12.70                 | V                  |
|   | 7001.36           | -52.39       | -13           | -39.39            | -69.57            | -62.96             | 1.13                 | 11.70                 | V                  |

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



| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 3421.18           | -47.39       | -13           | -34.39            | -59.19            | -59.14             | 0.85                 | 12.60                 | H                  |
|  | 5131.77           | -31.07       | -13           | -18.07            | -48.37            | -42.82             | 0.95                 | 12.70                 | H                  |
|  | 6842.36           | -52.13       | -13           | -39.13            | -68.76            | -62.65             | 1.18                 | 11.70                 | H                  |
|  | 3421.18           | -50.97       | -13           | -37.97            | -61.2             | -62.76             | 0.81                 | 12.60                 | V                  |
|  | 5131.77           | -40.10       | -13           | -27.10            | -55.92            | -51.85             | 0.95                 | 12.70                 | V                  |
|  | 6842.36           | -49.58       | -13           | -36.58            | -66.76            | -60.15             | 1.13                 | 11.70                 | V                  |
| Middle   | 3456.18           | -52.05       | -13           | -39.05            | -63.85            | -63.80             | 0.85                 | 12.60                 | H                  |
|  | 5184.27           | -38.10       | -13           | -25.10            | -53.97            | -49.85             | 0.95                 | 12.70                 | H                  |
|  | 6912.36           | -52.91       | -13           | -39.91            | -69.54            | -63.43             | 1.18                 | 11.70                 | H                  |
|  | 3456.18           | -53.98       | -13           | -40.98            | -64.21            | -65.77             | 0.81                 | 12.60                 | V                  |
|  | 5184.27           | -42.98       | -13           | -29.98            | -57.7             | -54.73             | 0.95                 | 12.70                 | V                  |
|  | 6912.36           | -48.34       | -13           | -35.34            | -65.52            | -58.91             | 1.13                 | 11.70                 | V                  |
| Highest  | 3491.18           | -52.63       | -13           | -39.63            | -64.43            | -64.38             | 0.85                 | 12.60                 | H                  |
|  | 5236.77           | -31.95       | -13           | -18.95            | -49.09            | -43.70             | 0.95                 | 12.70                 | H                  |
|  | 6982.36           | -53.72       | -13           | -40.72            | -70.35            | -64.24             | 1.18                 | 11.70                 | H                  |
|  | 3491.18           | -51.97       | -13           | -38.97            | -62.2             | -63.76             | 0.81                 | 12.60                 | V                  |
|  | 5236.77           | -37.92       | -13           | -24.92            | -54.49            | -49.67             | 0.95                 | 12.70                 | V                  |
|  | 6982.36           | -51.50       | -13           | -38.50            | -68.68            | -62.07             | 1.13                 | 11.70                 | V                  |

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



| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 3421.68           | -49.16       | -13           | -36.16            | -60.96            | -60.91             | 0.85                 | 12.60                 | H                  |
|  | 5132.52           | -34.50       | -13           | -21.50            | -51.32            | -46.25             | 0.95                 | 12.70                 | H                  |
|  | 6843.36           | -52.46       | -13           | -39.46            | -69.09            | -62.98             | 1.18                 | 11.70                 | H                  |
|  | 3421.68           | -52.47       | -13           | -39.47            | -62.7             | -64.26             | 0.81                 | 12.60                 | V                  |
|  | 5132.52           | -39.20       | -13           | -26.20            | -55.24            | -50.95             | 0.95                 | 12.70                 | V                  |
|  | 6843.36           | -50.71       | -13           | -37.71            | -67.89            | -61.28             | 1.13                 | 11.70                 | V                  |
| Middle   | 3451.68           | -51.87       | -13           | -38.87            | -63.67            | -63.62             | 0.85                 | 12.60                 | H                  |
|  | 5177.52           | -37.31       | -13           | -24.31            | -53.38            | -49.06             | 0.95                 | 12.70                 | H                  |
|  | 6903.36           | -50.18       | -13           | -37.18            | -66.81            | -60.70             | 1.18                 | 11.70                 | H                  |
|  | 3451.68           | -52.83       | -13           | -39.83            | -63.06            | -64.62             | 0.81                 | 12.60                 | V                  |
|  | 5177.52           | -40.59       | -13           | -27.59            | -56.16            | -52.34             | 0.95                 | 12.70                 | V                  |
|  | 6903.36           | -48.72       | -13           | -35.72            | -65.9             | -59.29             | 1.13                 | 11.70                 | V                  |
| Highest  | 3481.68           | -53.24       | -13           | -40.24            | -65.04            | -64.99             | 0.85                 | 12.60                 | H                  |
|  | 5222.52           | -37.46       | -13           | -24.46            | -53.49            | -49.21             | 0.95                 | 12.70                 | H                  |
|  | 6963.36           | -53.59       | -13           | -40.59            | -70.22            | -64.11             | 1.18                 | 11.70                 | H                  |
|  | 3481.68           | -53.66       | -13           | -40.66            | -63.89            | -65.45             | 0.81                 | 12.60                 | V                  |
|  | 5222.52           | -38.13       | -13           | -25.13            | -54.63            | -49.88             | 0.95                 | 12.70                 | V                  |
|  | 6963.36           | -51.21       | -13           | -38.21            | -68.39            | -61.78             | 1.13                 | 11.70                 | V                  |

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



| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 3422.18           | -48.92       | -13           | -35.92            | -60.72            | -60.67             | 0.85                 | 12.60                 | H                  |
|  | 5133.27           | -32.00       | -13           | -19.00            | -49.13            | -43.75             | 0.95                 | 12.70                 | H                  |
|  | 6844.36           | -50.24       | -13           | -37.24            | -66.87            | -60.76             | 1.18                 | 11.70                 | H                  |
|  | 3422.18           | -55.70       | -13           | -42.70            | -65.93            | -67.49             | 0.81                 | 12.60                 | V                  |
|  | 5133.27           | -47.13       | -13           | -34.13            | -59.73            | -58.88             | 0.95                 | 12.70                 | V                  |
|  | 6844.36           | -54.25       | -13           | -41.25            | -71.43            | -64.82             | 1.13                 | 11.70                 | V                  |
| Middle   | 3447.18           | -51.99       | -13           | -38.99            | -63.79            | -63.74             | 0.85                 | 12.60                 | H                  |
|  | 5170.77           | -38.69       | -13           | -25.69            | -54.56            | -50.44             | 0.95                 | 12.70                 | H                  |
|  | 6894.36           | -51.27       | -13           | -38.27            | -67.90            | -61.79             | 1.18                 | 11.70                 | H                  |
|  | 3447.18           | -52.07       | -13           | -39.07            | -62.3             | -63.86             | 0.81                 | 12.60                 | V                  |
|  | 5170.77           | -41.66       | -13           | -28.66            | -56.9             | -53.41             | 0.95                 | 12.70                 | V                  |
|  | 6894.36           | -49.31       | -13           | -36.31            | -66.49            | -59.88             | 1.13                 | 11.70                 | V                  |
| Highest  | 3472.18           | -51.30       | -13           | -38.30            | -63.10            | -63.05             | 0.85                 | 12.60                 | H                  |
|  | 5208.27           | -33.92       | -13           | -20.92            | -50.83            | -45.67             | 0.95                 | 12.70                 | H                  |
|  | 6944.36           | -52.28       | -13           | -39.28            | -68.91            | -62.80             | 1.18                 | 11.70                 | H                  |
|  | 3472.18           | -52.76       | -13           | -39.76            | -62.99            | -64.55             | 0.81                 | 12.6                  | V                  |
|  | 5208.27           | -37.81       | -13           | -24.81            | -54.4             | -49.56             | 0.95                 | 12.7                  | V                  |
|  | 6944.36           | -48.26       | -13           | -35.26            | -65.44            | -58.83             | 1.13                 | 11.7                  | V                  |

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



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                     |                    |                      |                         |                      |
|---|-------------------|--------------|---------------|-------------------|---------------------|--------------------|----------------------|-------------------------|----------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading ( dBm ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain ( dBi ) | Polarization ( H/V ) |
| Lowest  | 5000.50           | -44.56       | -25           | -19.56            | -59.44              | -56.31             | 0.95                 | 12.70                   | H                    |
|   | 7500.75           | -37.93       | -25           | -12.93            | -59.02              | -48.45             | 1.18                 | 11.70                   | H                    |
|   | 10001.00          | -45.06       | -25           | -20.06            | -70.24              | -55.71             | 1.45                 | 12.10                   | H                    |
|   | 12501.25          | -41.12       | -25           | -16.12            | -69.38              | -53.17             | 1.55                 | 13.60                   | H                    |
|   | 5000.5            | -42.27       | -25           | -17.27            | -57.86              | -54.02             | 0.95                 | 12.70                   | V                    |
|   | 7500.75           | -35.92       | -25           | -10.92            | -56.67              | -46.16             | 1.46                 | 11.70                   | V                    |
|   | 10001             | -46.02       | -25           | -21.02            | -68.88              | -56.81             | 1.31                 | 12.10                   | V                    |
|   | 12501.25          | -41.42       | -25           | -16.42            | -69.25              | -53.47             | 1.55                 | 13.60                   | V                    |
| Middle  | 5065.50           | -41.79       | -25           | -16.79            | -56.67              | -53.54             | 0.95                 | 12.70                   | H                    |
|   | 7598.25           | -35.46       | -25           | -10.46            | -56.55              | -45.98             | 1.18                 | 11.70                   | H                    |
|   | 10131.00          | -45.36       | -25           | -20.36            | -70.54              | -56.01             | 1.45                 | 12.10                   | H                    |
|   | 12663.75          | -40.82       | -25           | -15.82            | -69.08              | -52.87             | 1.55                 | 13.60                   | H                    |
|   | 5065.5            | -39.54       | -25           | -14.54            | -56.16              | -51.29             | 0.95                 | 12.70                   | V                    |
|   | 7598.25           | -37.03       | -25           | -12.03            | -57.78              | -47.27             | 1.46                 | 11.70                   | V                    |
|   | 10131             | -46.74       | -25           | -21.74            | -69.6               | -57.53             | 1.31                 | 12.10                   | V                    |
|   | 12663.75          | -41.58       | -25           | -16.58            | -69.41              | -53.63             | 1.55                 | 13.60                   | V                    |
| Highest                                       | 5130.50           | -43.82       | -25           | -18.82            | -58.70              | -55.57             | 0.95                 | 12.70                   | H                    |
|   | 7695.75           | -35.14       | -25           | -10.14            | -56.23              | -45.66             | 1.18                 | 11.70                   | H                    |
|   | 10261.00          | -45.06       | -25           | -20.06            | -70.24              | -55.71             | 1.45                 | 12.10                   | H                    |
|   | 12826.25          | -40.94       | -25           | -15.94            | -69.20              | -52.99             | 1.55                 | 13.60                   | H                    |
|   | 5130.5            | -38.83       | -25           | -13.83            | -55.66              | -50.58             | 0.95                 | 12.70                   | V                    |
|   | 7695.75           | -39.92       | -25           | -14.92            | -60.67              | -50.16             | 1.46                 | 11.70                   | V                    |
|   | 10261             | -47.96       | -25           | -22.96            | -70.82              | -58.75             | 1.31                 | 12.10                   | V                    |
|   | 12826.25          | -39.93       | -25           | -14.93            | -67.76              | -51.98             | 1.55                 | 13.60                   | V                    |

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



| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                     |                    |                      |                         |                      |
|--|-------------------|--------------|---------------|-------------------|---------------------|--------------------|----------------------|-------------------------|----------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading ( dBm ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain ( dBi ) | Polarization ( H/V ) |
| Lowest   | 5001.00           | -44.84       | -25           | -19.84            | -59.72              | -56.59             | 0.95                 | 12.70                   | H                    |
|  | 7501.50           | -41.31       | -25           | -16.31            | -62.40              | -51.83             | 1.18                 | 11.70                   | H                    |
|  | 10002.00          | -46.24       | -25           | -21.24            | -71.42              | -56.89             | 1.45                 | 12.10                   | H                    |
|  | 12502.50          | -43.00       | -25           | -18.00            | -71.26              | -55.05             | 1.55                 | 13.60                   | H                    |
|  | 5001              | -49.60       | -25           | -24.60            | -64.73              | -61.35             | 0.95                 | 12.70                   | V                    |
|  | 7501.5            | -35.52       | -25           | -10.52            | -56.27              | -45.76             | 1.46                 | 11.70                   | V                    |
|  | 10002             | -47.27       | -25           | -22.27            | -70.13              | -58.06             | 1.31                 | 12.10                   | V                    |
|  | 12502.50          | -39.60       | -25           | -14.60            | -67.43              | -51.65             | 1.55                 | 13.60                   | V                    |
| Middle   | 5061.00           | -38.15       | -25           | -13.15            | -54.07              | -49.90             | 0.95                 | 12.70                   | H                    |
|  | 7591.50           | -36.06       | -25           | -11.06            | -57.15              | -46.58             | 1.18                 | 11.70                   | H                    |
|  | 10122.00          | -46.11       | -25           | -21.11            | -71.29              | -56.76             | 1.45                 | 12.10                   | H                    |
|  | 12652.50          | -40.71       | -25           | -15.71            | -68.97              | -52.76             | 1.55                 | 13.60                   | H                    |
|  | 5061              | -39.65       | -25           | -14.65            | -56.25              | -51.40             | 0.95                 | 12.70                   | V                    |
|  | 7591.5            | -37.15       | -25           | -12.15            | -57.9               | -47.39             | 1.46                 | 11.70                   | V                    |
|  | 10122             | -47.83       | -25           | -22.83            | -70.69              | -58.62             | 1.31                 | 12.10                   | V                    |
|  | 12652.50          | -41.71       | -25           | -16.71            | -69.54              | -53.76             | 1.55                 | 13.60                   | V                    |
| Highest  | 5121.00           | -42.95       | -25           | -17.95            | -57.83              | -54.70             | 0.95                 | 12.70                   | H                    |
|  | 7681.50           | -35.37       | -25           | -10.37            | -56.46              | -45.89             | 1.18                 | 11.70                   | H                    |
|  | 10242.00          | -43.01       | -25           | -18.01            | -68.19              | -53.66             | 1.45                 | 12.10                   | H                    |
|  | 12802.50          | -42.50       | -25           | -17.50            | -70.76              | -54.55             | 1.55                 | 13.60                   | H                    |
|  | 5121              | -41.91       | -25           | -16.91            | -57.72              | -53.66             | 0.95                 | 12.70                   | V                    |
|  | 7681.5            | -37.27       | -25           | -12.27            | -58.02              | -47.51             | 1.46                 | 11.70                   | V                    |
|  | 10242             | -41.75       | -25           | -16.75            | -64.61              | -52.54             | 1.31                 | 12.10                   | V                    |
|  | 12802.50          | -43.90       | -25           | -18.90            | -71.73              | -55.95             | 1.55                 | 13.60                   | V                    |

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



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                     |                    |                      |                         |                      |
|--|-------------------|--------------|---------------|-------------------|---------------------|--------------------|----------------------|-------------------------|----------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading ( dBm ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain ( dBi ) | Polarization ( H/V ) |
| Lowest   | 5001.50           | -42.51       | -25           | -17.51            | -57.39              | -54.26             | 0.95                 | 12.70                   | H                    |
|  | 7502.25           | -37.08       | -25           | -12.08            | -58.17              | -47.60             | 1.18                 | 11.70                   | H                    |
|  | 10003.00          | -43.77       | -25           | -18.77            | -68.95              | -54.42             | 1.45                 | 12.10                   | H                    |
|  | 12503.75          | -42.40       | -25           | -17.40            | -70.66              | -54.45             | 1.55                 | 13.60                   | H                    |
|  | 5001.5            | -40.71       | -25           | -15.71            | -57.07              | -52.46             | 0.95                 | 12.70                   | V                    |
|  | 7502.25           | -35.76       | -25           | -10.76            | -56.51              | -46.00             | 1.46                 | 11.70                   | V                    |
|  | 10003             | -46.40       | -25           | -21.40            | -69.26              | -57.19             | 1.31                 | 12.10                   | V                    |
|  | 12503.75          | -43.89       | -25           | -18.89            | -71.72              | -55.94             | 1.55                 | 13.60                   | V                    |
| Middle   | 5056.50           | -35.64       | -25           | -10.64            | -52.56              | -47.39             | 0.95                 | 12.70                   | H                    |
|  | 7584.75           | -35.02       | -25           | -10.02            | -56.11              | -45.54             | 1.18                 | 11.70                   | H                    |
|  | 10113.00          | -45.65       | -25           | -20.65            | -70.83              | -56.30             | 1.45                 | 12.10                   | H                    |
|  | 12641.25          | -39.94       | -25           | -14.94            | -68.20              | -51.99             | 1.55                 | 13.60                   | H                    |
|  | 5056.5            | -40.10       | -25           | -15.10            | -56.59              | -51.85             | 0.95                 | 12.70                   | V                    |
|  | 7584.75           | -36.04       | -25           | -11.04            | -56.79              | -46.28             | 1.46                 | 11.70                   | V                    |
|  | 10113             | -46.49       | -25           | -21.49            | -69.35              | -57.28             | 1.31                 | 12.10                   | V                    |
|  | 12641.25          | -41.88       | -25           | -16.88            | -69.71              | -53.93             | 1.55                 | 13.60                   | V                    |
| Highest  | 5111.50           | -44.91       | -25           | -19.91            | -59.79              | -56.66             | 0.95                 | 12.70                   | H                    |
|  | 7667.25           | -34.47       | -25           | -9.47             | -55.56              | -44.99             | 1.18                 | 11.70                   | H                    |
|  | 10223.00          | -44.38       | -25           | -19.38            | -69.56              | -55.03             | 1.45                 | 12.10                   | H                    |
|  | 12778.75          | -41.09       | -25           | -16.09            | -69.35              | -53.14             | 1.55                 | 13.60                   | H                    |
|  | 5111.5            | -41.68       | -25           | -16.68            | -57.61              | -53.43             | 0.95                 | 12.70                   | V                    |
|  | 7667.25           | -38.43       | -25           | -13.43            | -59.18              | -48.67             | 1.46                 | 11.70                   | V                    |
|  | 10223             | -46.05       | -25           | -21.05            | -68.91              | -56.84             | 1.31                 | 12.10                   | V                    |
|  | 12778.75          | -41.84       | -25           | -16.84            | -69.67              | -53.89             | 1.55                 | 13.60                   | V                    |

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



| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 5002.00           | -42.12       | -25           | -17.12            | -57.00            | -53.87             | 0.95                 | 12.70                 | H                  |
|  | 7503.00           | -36.98       | -25           | -11.98            | -58.07            | -47.50             | 1.18                 | 11.70                 | H                  |
|  | 10004.00          | -45.24       | -25           | -20.24            | -70.42            | -55.89             | 1.45                 | 12.10                 | H                  |
|  | 12505.00          | -43.20       | -25           | -18.20            | -71.46            | -55.25             | 1.55                 | 13.60                 | H                  |
|  | 5002              | -38.81       | -25           | -13.81            | -55.65            | -50.56             | 0.95                 | 12.70                 | V                  |
|  | 7503              | -35.30       | -25           | -10.30            | -56.05            | -45.54             | 1.46                 | 11.70                 | V                  |
|  | 10004             | -45.89       | -25           | -20.89            | -68.75            | -56.68             | 1.31                 | 12.10                 | V                  |
|  | 12505.00          | -44.04       | -25           | -19.04            | -71.87            | -56.09             | 1.55                 | 13.60                 | V                  |
| Middle   | 5052.00           | -39.06       | -25           | -14.06            | -54.62            | -50.81             | 0.95                 | 12.70                 | H                  |
|  | 7578.00           | -35.20       | -25           | -10.20            | -56.29            | -45.72             | 1.18                 | 11.70                 | H                  |
|  | 10104.00          | -44.80       | -25           | -19.80            | -69.98            | -55.45             | 1.45                 | 12.10                 | H                  |
|  | 12630.00          | -41.65       | -25           | -16.65            | -69.91            | -53.70             | 1.55                 | 13.60                 | H                  |
|  | 5052              | -40.57       | -25           | -15.57            | -56.96            | -52.32             | 0.95                 | 12.70                 | V                  |
|  | 7578              | -36.97       | -25           | -11.97            | -57.72            | -47.21             | 1.46                 | 11.70                 | V                  |
|  | 10104             | -46.55       | -25           | -21.55            | -69.41            | -57.34             | 1.31                 | 12.10                 | V                  |
|  | 12630.00          | -40.80       | -25           | -15.80            | -68.63            | -52.85             | 1.55                 | 13.60                 | V                  |
| Highest  | 5102.00           | -41.78       | -25           | -16.78            | -56.66            | -53.53             | 0.95                 | 12.70                 | H                  |
|  | 7653.00           | -34.22       | -25           | -9.22             | -55.31            | -44.74             | 1.18                 | 11.70                 | H                  |
|  | 10204.00          | -45.62       | -25           | -20.62            | -70.80            | -56.27             | 1.45                 | 12.10                 | H                  |
|  | 12755.00          | -43.09       | -25           | -18.09            | -71.35            | -55.14             | 1.55                 | 13.60                 | H                  |
|  | 5102              | -38.96       | -25           | -13.96            | -55.73            | -50.71             | 0.95                 | 12.70                 | V                  |
|  | 7653              | -37.20       | -25           | -12.20            | -57.95            | -47.44             | 1.46                 | 11.70                 | V                  |
|  | 10204             | -48.17       | -25           | -23.17            | -71.03            | -58.96             | 1.31                 | 12.10                 | V                  |
|  | 12755.00          | -43.59       | -25           | -18.59            | -71.42            | -55.64             | 1.55                 | 13.60                 | V                  |

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



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 1398.14           | -47.77      | -13           | -34.77            | -51.85            | -53.06             | 0.56                 | 8.00                  | H                  |
|  | 2097.21           | -59.64      | -13           | -46.64            | -64.16            | -67.24             | 0.65                 | 10.40                 | H                  |
|  | 2796.28           | -59.74      | -13           | -46.74            | -66.82            | -68.27             | 0.82                 | 11.50                 | H                  |
|  | 1398.14           | -55.09      | -13           | -42.09            | -57.39            | -60.38             | 0.56                 | 8.00                  | V                  |
|  | 2097.21           | -63.11      | -13           | -50.11            | -67.00            | -70.71             | 0.65                 | 10.40                 | V                  |
|  | 2796.28           | -60.40      | -13           | -47.40            | -67.73            | -68.93             | 0.82                 | 11.50                 | V                  |
| Middle   | 1413.74           | -43.19      | -13           | -30.19            | -47.73            | -48.48             | 0.56                 | 8.00                  | H                  |
|  | 2120.61           | -62.40      | -13           | -49.40            | -66.92            | -70.00             | 0.65                 | 10.40                 | H                  |
|  | 2827.48           | -60.79      | -13           | -47.79            | -67.87            | -69.32             | 0.82                 | 11.50                 | H                  |
|  | 1413.74           | -51.34      | -13           | -38.34            | -54.44            | -56.63             | 0.56                 | 8.00                  | V                  |
|  | 2120.61           | -62.77      | -13           | -49.77            | -66.66            | -70.37             | 0.65                 | 10.40                 | V                  |
|  | 2827.48           | -60.48      | -13           | -47.48            | -67.81            | -69.01             | 0.82                 | 11.50                 | V                  |
| Highest  | 1429.34           | -47.69      | -13           | -34.69            | -51.76            | -52.98             | 0.56                 | 8.00                  | H                  |
|  | 2144.01           | -61.81      | -13           | -48.81            | -66.33            | -69.41             | 0.65                 | 10.40                 | H                  |
|  | 2858.68           | -60.04      | -13           | -47.04            | -67.12            | -68.57             | 0.82                 | 11.50                 | H                  |
|  | 1429.34           | -55.46      | -13           | -42.46            | -57.76            | -60.75             | 0.56                 | 8.00                  | V                  |
|  | 2144.01           | -62.47      | -13           | -49.47            | -66.36            | -70.07             | 0.65                 | 10.40                 | V                  |
|  | 2858.68           | -60.03      | -13           | -47.03            | -67.36            | -68.56             | 0.82                 | 11.50                 | V                  |

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



| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 1398.3            | -46.29      | -13           | -33.29            | -50.54            | -51.58             | 0.56                 | 8.00                  | H                  |
|  | 2097.45           | -59.81      | -13           | -46.81            | -64.33            | -67.41             | 0.65                 | 10.40                 | H                  |
|  | 2796.6            | -60.25      | -13           | -47.25            | -67.33            | -68.78             | 0.82                 | 11.50                 | H                  |
|  | 1398.3            | -56.43      | -13           | -43.43            | -58.73            | -61.72             | 0.56                 | 8.00                  | V                  |
|  | 2097.45           | -62.09      | -13           | -49.09            | -65.98            | -69.69             | 0.65                 | 10.40                 | V                  |
|  | 2796.6            | -60.23      | -13           | -47.23            | -67.56            | -68.76             | 0.82                 | 11.50                 | V                  |
| Middle   | 1412.3            | -43.49      | -13           | -30.49            | -48.05            | -48.78             | 0.56                 | 8.00                  | H                  |
|  | 2118.45           | -61.25      | -13           | -48.25            | -65.77            | -68.85             | 0.65                 | 10.40                 | H                  |
|  | 2824.6            | -60.89      | -13           | -47.89            | -67.97            | -69.42             | 0.82                 | 11.50                 | H                  |
|  | 1412.3            | -51.09      | -13           | -38.09            | -54.28            | -56.38             | 0.56                 | 8.00                  | V                  |
|  | 2118.45           | -62.41      | -13           | -49.41            | -66.30            | -70.01             | 0.65                 | 10.40                 | V                  |
|  | 2824.6            | -60.11      | -13           | -47.11            | -67.44            | -68.64             | 0.82                 | 11.50                 | V                  |
| Highest  | 1426.3            | -48.90      | -13           | -35.90            | -52.77            | -54.19             | 0.56                 | 8.00                  | H                  |
|  | 2139.45           | -61.92      | -13           | -48.92            | -66.44            | -69.52             | 0.65                 | 10.40                 | H                  |
|  | 2852.6            | -60.34      | -13           | -47.34            | -67.42            | -68.87             | 0.82                 | 11.50                 | H                  |
|  | 1426.3            | -56.23      | -13           | -43.23            | -58.53            | -61.52             | 0.56                 | 8.00                  | V                  |
|  | 2139.45           | -62.82      | -13           | -49.82            | -66.71            | -70.42             | 0.65                 | 10.40                 | V                  |
|  | 2852.6            | -60.01      | -13           | -47.01            | -67.34            | -68.54             | 0.82                 | 11.50                 | V                  |

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



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 1398.5            | -48.64      | -13           | -35.64            | -52.58            | -53.93             | 0.56                 | 8.00                  | H                  |
|  | 2097.75           | -59.42      | -13           | -46.42            | -63.94            | -67.02             | 0.65                 | 10.40                 | H                  |
|  | 2797              | -60.35      | -13           | -47.35            | -67.43            | -68.88             | 0.82                 | 11.50                 | H                  |
|  | 1398.5            | -56.57      | -13           | -43.57            | -58.87            | -61.86             | 0.56                 | 8.00                  | V                  |
|  | 2097.75           | -62.77      | -13           | -49.77            | -66.66            | -70.37             | 0.65                 | 10.40                 | V                  |
|  | 2797              | -60.12      | -13           | -47.12            | -67.45            | -68.65             | 0.82                 | 11.50                 | V                  |
| Middle   | 1410.5            | -43.06      | -13           | -30.06            | -47.59            | -48.35             | 0.56                 | 8.00                  | H                  |
|  | 2115.75           | -60.89      | -13           | -47.89            | -65.41            | -68.49             | 0.65                 | 10.40                 | H                  |
|  | 2821              | -60.64      | -13           | -47.64            | -67.72            | -69.17             | 0.82                 | 11.50                 | H                  |
|  | 1410.5            | -51.03      | -13           | -38.03            | -54.24            | -56.32             | 0.56                 | 8.00                  | V                  |
|  | 2115.75           | -61.96      | -13           | -48.96            | -65.85            | -69.56             | 0.65                 | 10.40                 | V                  |
|  | 2821              | -60.09      | -13           | -47.09            | -67.42            | -68.62             | 0.82                 | 11.50                 | V                  |
| Highest  | 1422.5            | -50.63      | -13           | -37.63            | -54.12            | -55.92             | 0.56                 | 8.00                  | H                  |
|  | 2133.75           | -62.40      | -13           | -49.40            | -66.92            | -70.00             | 0.65                 | 10.40                 | H                  |
|  | 2845              | -59.92      | -13           | -46.92            | -67.00            | -68.45             | 0.82                 | 11.50                 | H                  |
|  | 1422.5            | -57.71      | -13           | -44.71            | -60.01            | -63.00             | 0.56                 | 8.00                  | V                  |
|  | 2133.75           | -61.78      | -13           | -48.78            | -65.67            | -69.38             | 0.65                 | 10.40                 | V                  |
|  | 2845              | -59.49      | -13           | -46.49            | -66.82            | -68.02             | 0.82                 | 11.50                 | V                  |

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



| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 1399              | -49.68      | -13           | -36.68            | -53.51            | -54.97             | 0.56                 | 8.00                  | H                  |
|   | 2098.5            | -59.95      | -13           | -46.95            | -64.47            | -67.55             | 0.65                 | 10.40                 | H                  |
|   | 2798              | -60.60      | -13           | -47.60            | -67.68            | -69.13             | 0.82                 | 11.50                 | H                  |
|   | 1399              | -56.81      | -13           | -43.81            | -59.11            | -62.10             | 0.56                 | 8.00                  | V                  |
|   | 2098.5            | -61.67      | -13           | -48.67            | -65.56            | -69.27             | 0.65                 | 10.40                 | V                  |
|   | 2798              | -59.95      | -13           | -46.95            | -67.28            | -68.48             | 0.82                 | 11.50                 | V                  |
| Middle  | 1406              | -43.12      | -13           | -30.12            | -47.65            | -48.41             | 0.56                 | 8.00                  | H                  |
|   | 2109              | -57.27      | -13           | -44.27            | -61.79            | -64.87             | 0.65                 | 10.40                 | H                  |
|   | 2812              | -59.19      | -13           | -46.19            | -66.27            | -67.72             | 0.82                 | 11.50                 | H                  |
|   | 1406              | -51.46      | -13           | -38.46            | -54.51            | -56.75             | 0.56                 | 8.00                  | V                  |
|   | 2109              | -60.49      | -13           | -47.49            | -64.38            | -68.09             | 0.65                 | 10.40                 | V                  |
|   | 2812              | -59.05      | -13           | -46.05            | -66.38            | -67.58             | 0.82                 | 11.50                 | V                  |
| Highest   | 1413              | -43.43      | -13           | -30.43            | -47.98            | -48.72             | 0.56                 | 8.00                  | H                  |
|   | 2119.5            | -61.71      | -13           | -48.71            | -66.23            | -69.31             | 0.65                 | 10.40                 | H                  |
|   | 2826              | -60.63      | -13           | -47.63            | -67.71            | -69.16             | 0.82                 | 11.50                 | H                  |
|   | 1413              | -51.58      | -13           | -38.58            | -54.59            | -56.87             | 0.56                 | 8.00                  | V                  |
|   | 2119.5            | -63.14      | -13           | -50.14            | -67.03            | -70.74             | 0.65                 | 10.40                 | V                  |
|   | 2826              | -60.01      | -13           | -47.01            | -67.34            | -68.54             | 0.82                 | 11.50                 | V                  |

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



| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 1408.68           | -44.40      | -13           | -31.40            | -48.89            | -49.69             | 0.56                 | 8.00                  | H                  |
|  | 2113.02           | -59.71      | -13           | -46.71            | -64.23            | -67.31             | 0.65                 | 10.40                 | H                  |
|  | 2817.36           | -59.28      | -13           | -46.28            | -66.36            | -67.81             | 0.82                 | 11.50                 | H                  |
|  | 1408.68           | -40.31      | -13           | -27.31            | -45.65            | -45.60             | 0.56                 | 8.00                  | V                  |
|  | 2113.02           | -59.81      | -13           | -46.81            | -63.70            | -67.41             | 0.65                 | 10.40                 | V                  |
|  | 2817.36           | -58.93      | -13           | -45.93            | -66.26            | -67.46             | 0.82                 | 11.50                 | V                  |
| Middle   | 1415.68           | -45.13      | -13           | -32.13            | -49.47            | -50.42             | 0.56                 | 8.00                  | H                  |
|  | 2123.58           | -60.07      | -13           | -47.07            | -64.59            | -67.67             | 0.65                 | 10.40                 | H                  |
|  | 2831.36           | -58.82      | -13           | -45.82            | -65.90            | -67.35             | 0.82                 | 11.50                 | H                  |
|  | 1415.68           | -41.64      | -13           | -28.64            | -46.83            | -46.93             | 0.56                 | 8.00                  | V                  |
|  | 2123.58           | -61.27      | -13           | -48.27            | -65.16            | -68.87             | 0.65                 | 10.40                 | V                  |
|  | 2831.36           | -58.78      | -13           | -45.78            | -66.11            | -67.31             | 0.82                 | 11.50                 | V                  |
| Highest  | 1422.68           | -54.39      | -13           | -41.39            | -57.47            | -59.68             | 0.56                 | 8.00                  | H                  |
|  | 2134.02           | -60.43      | -13           | -47.43            | -64.95            | -68.03             | 0.65                 | 10.40                 | H                  |
|  | 2845.36           | -59.46      | -13           | -46.46            | -66.54            | -67.99             | 0.82                 | 11.50                 | H                  |
|  | 1422.68           | -51.88      | -13           | -38.88            | -54.78            | -57.17             | 0.56                 | 8.00                  | V                  |
|  | 2134.02           | -60.42      | -13           | -47.42            | -64.31            | -68.02             | 0.65                 | 10.40                 | V                  |
|  | 2845.36           | -59.10      | -13           | -46.10            | -66.43            | -67.63             | 0.82                 | 11.50                 | V                  |

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



| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 1409.18           | -47.62      | -13           | -34.62            | -51.68            | -52.91             | 0.56                 | 8.00                  | H                  |
|   | 2113.77           | -59.18      | -13           | -46.18            | -63.70            | -66.78             | 0.65                 | 10.40                 | H                  |
|   | 2818.36           | -59.53      | -13           | -46.53            | -66.61            | -68.06             | 0.82                 | 11.50                 | H                  |
|   | 1409.18           | -42.85      | -13           | -29.85            | -47.77            | -48.14             | 0.56                 | 8.00                  | V                  |
|   | 2113.77           | -59.99      | -13           | -46.99            | -63.88            | -67.59             | 0.65                 | 10.40                 | V                  |
|   | 2818.36           | -59.65      | -13           | -46.65            | -66.98            | -68.18             | 0.82                 | 11.50                 | V                  |
| Middle  | 1411.18           | -43.77      | -13           | -30.77            | -48.35            | -49.06             | 0.56                 | 8.00                  | H                  |
|   | 2116.77           | -59.68      | -13           | -46.68            | -64.20            | -67.28             | 0.65                 | 10.40                 | H                  |
|   | 2822.36           | -59.86      | -13           | -46.86            | -66.94            | -68.39             | 0.82                 | 11.50                 | H                  |
|   | 1411.18           | -41.89      | -13           | -28.89            | -47.05            | -47.18             | 0.56                 | 8.00                  | V                  |
|   | 2116.77           | -61.56      | -13           | -48.56            | -65.45            | -69.16             | 0.65                 | 10.40                 | V                  |
|   | 2822.36           | -58.06      | -13           | -45.06            | -65.39            | -66.59             | 0.82                 | 11.50                 | V                  |
| Highest   | 1413.18           | -46.19      | -13           | -33.19            | -50.48            | -51.48             | 0.56                 | 8.00                  | H                  |
|   | 2119.77           | -61.86      | -13           | -48.86            | -66.38            | -69.46             | 0.65                 | 10.40                 | H                  |
|   | 2826.36           | -59.49      | -13           | -46.49            | -66.57            | -68.02             | 0.82                 | 11.50                 | H                  |
|   | 1413.18           | -42.44      | -13           | -29.44            | -47.47            | -47.73             | 0.56                 | 8.00                  | V                  |
|   | 2119.77           | -62.54      | -13           | -49.54            | -66.43            | -70.14             | 0.65                 | 10.40                 | V                  |
|   | 2826.36           | -59.46      | -13           | -46.46            | -66.79            | -67.99             | 0.82                 | 11.50                 | V                  |

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