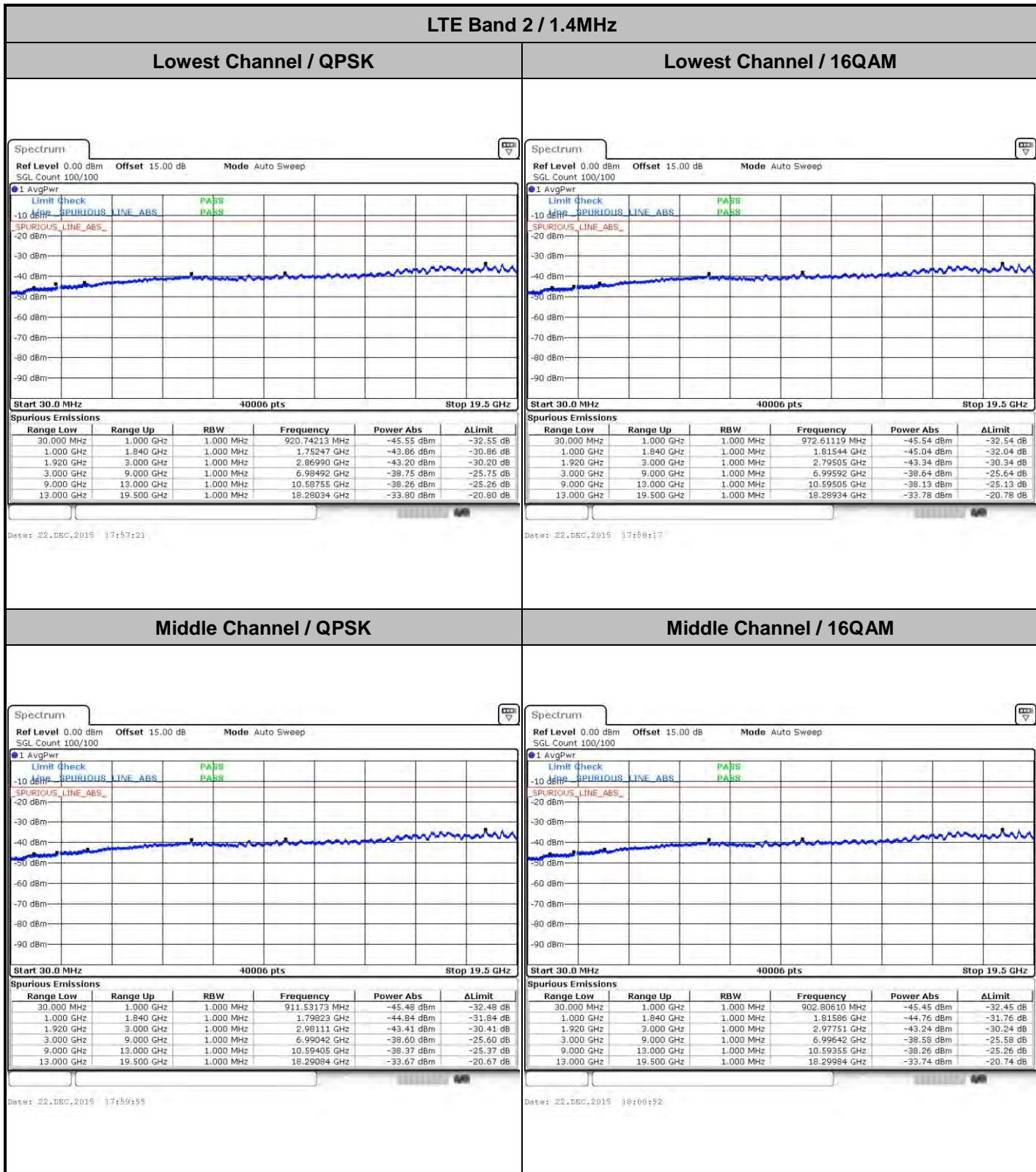




## Conducted Spurious Emission

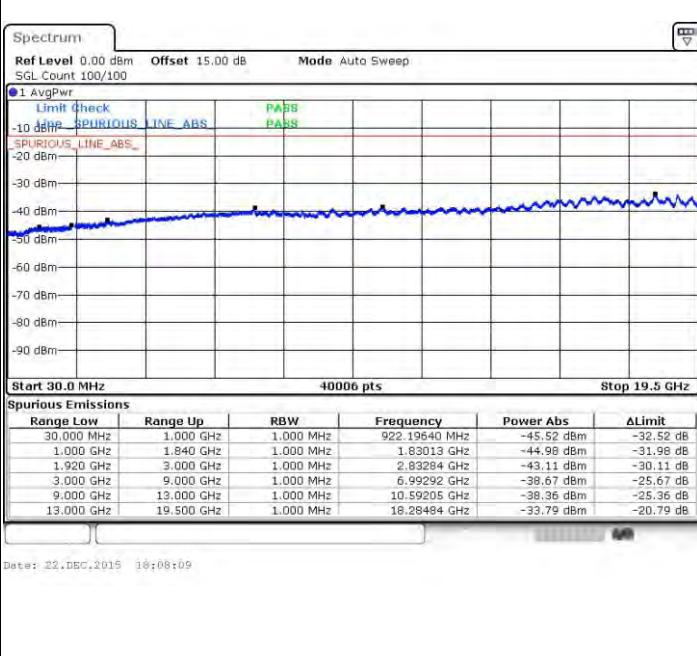
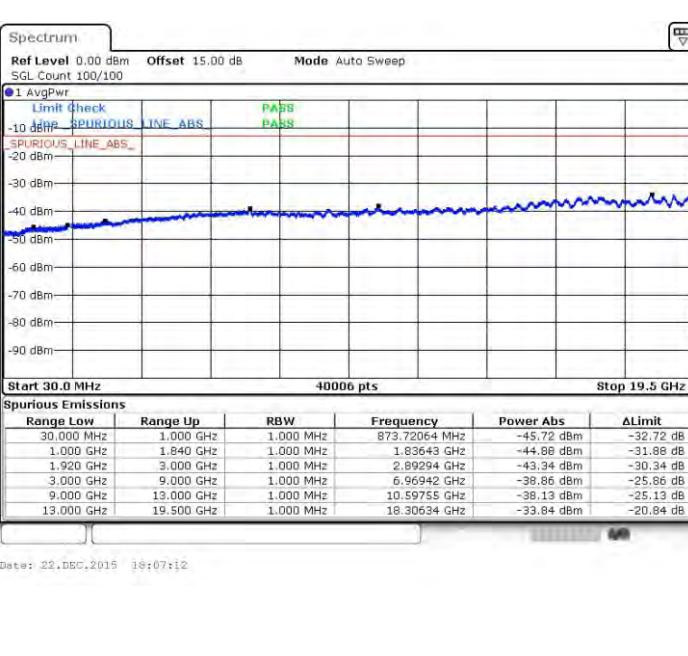




## LTE Band 2 / 1.4MHz

## Highest Channel / QPSK

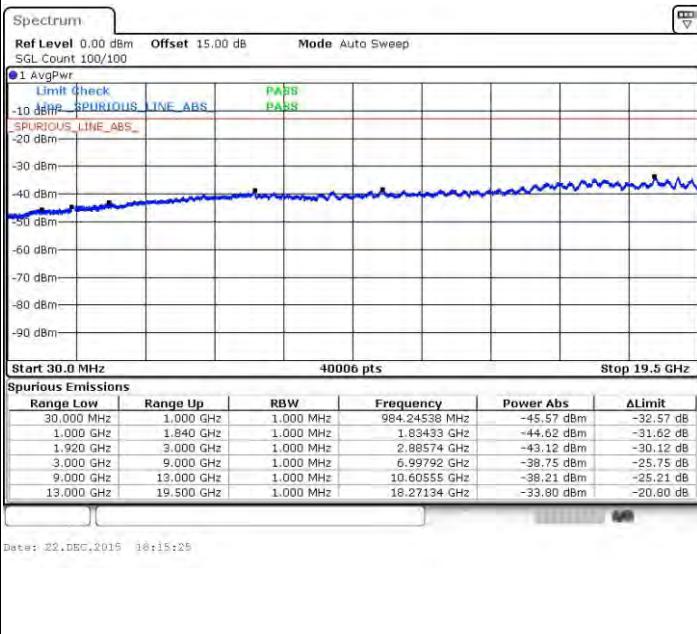
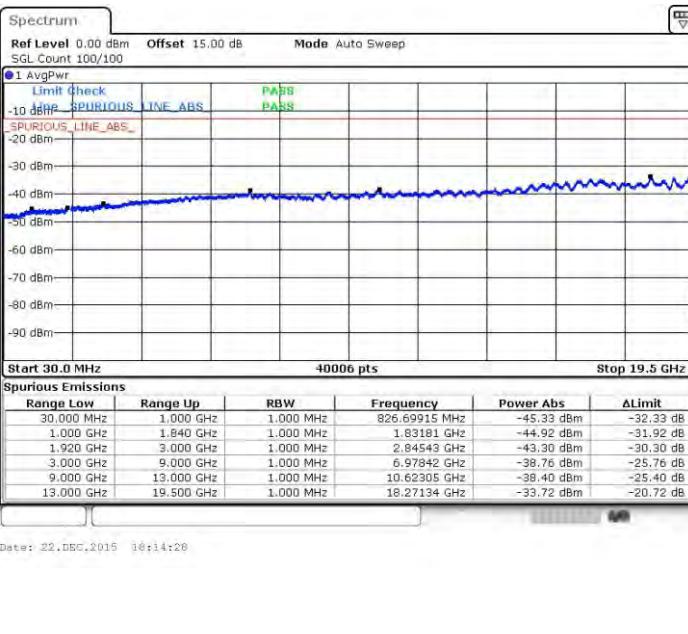
## Highest Channel / 16QAM

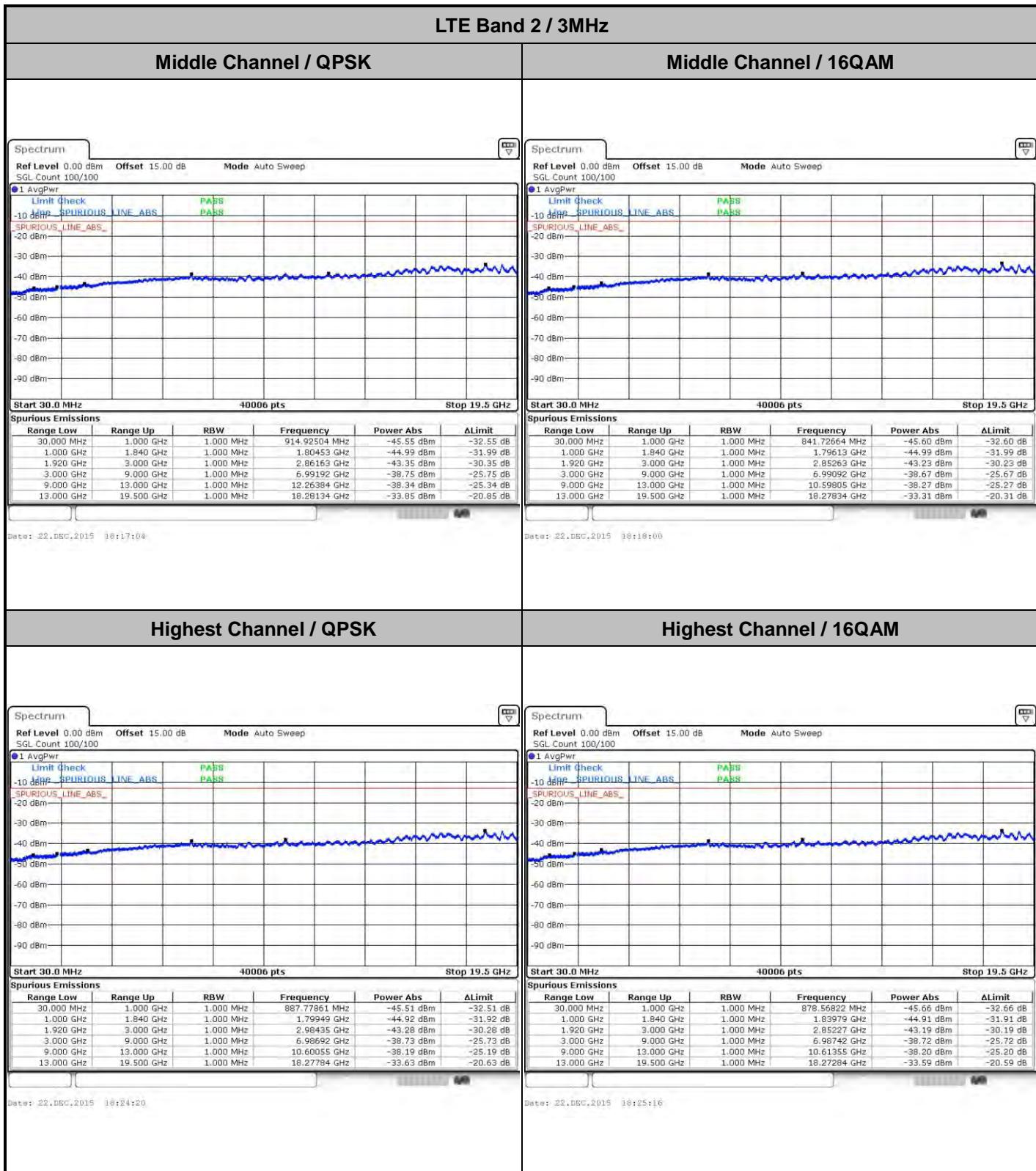


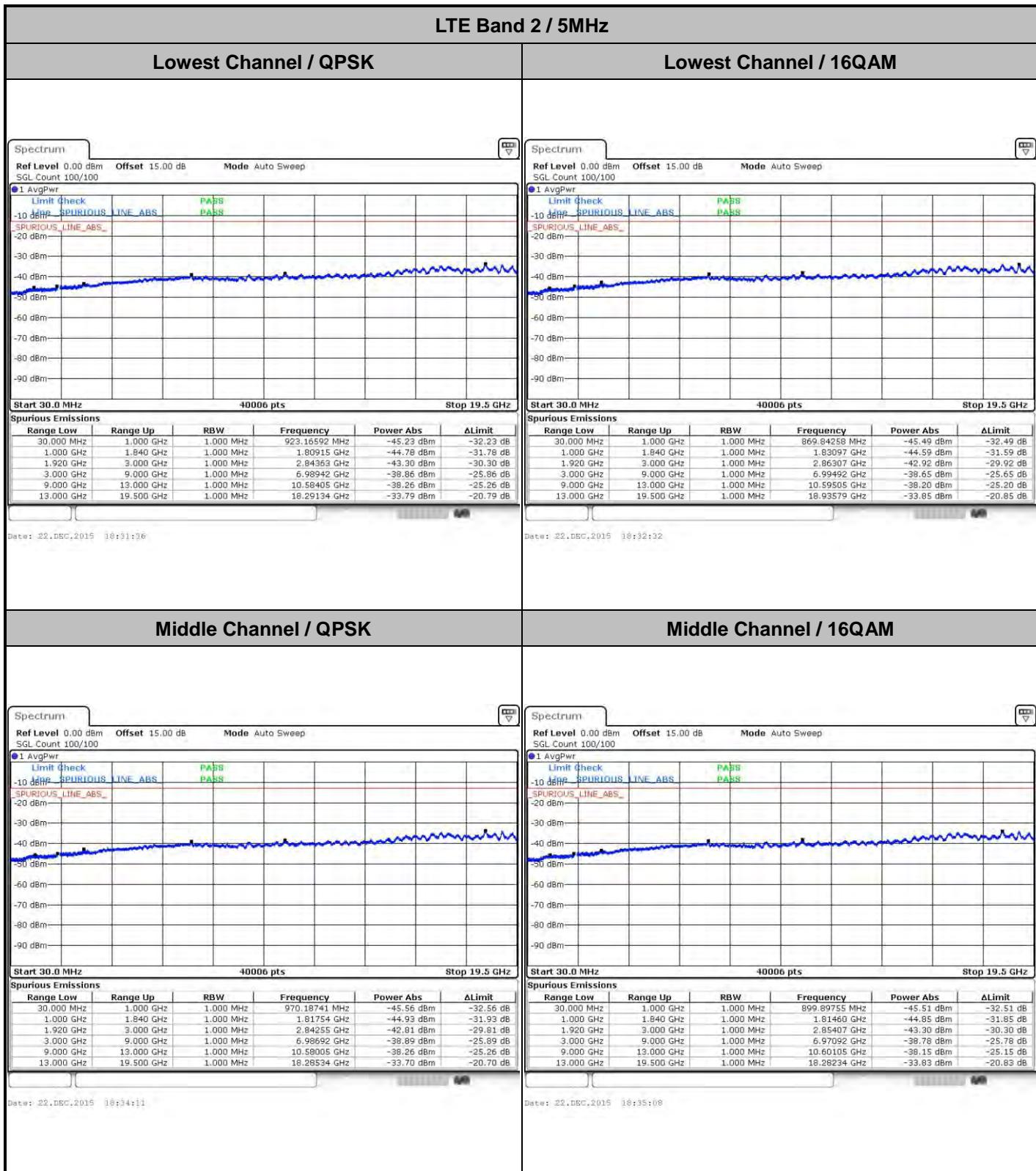
## LTE Band 2 / 3MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





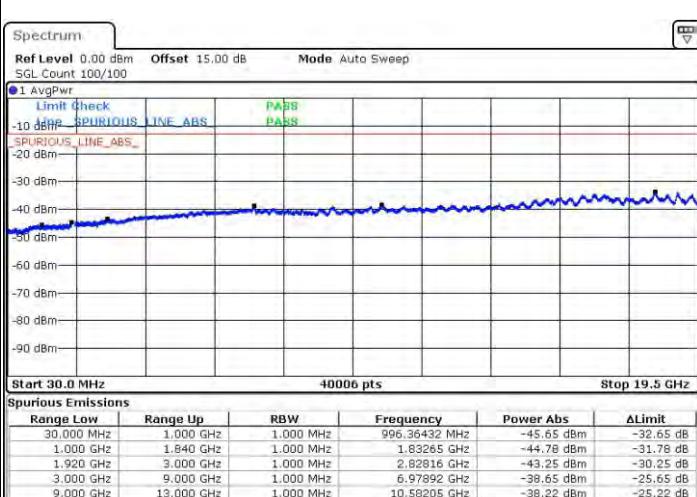
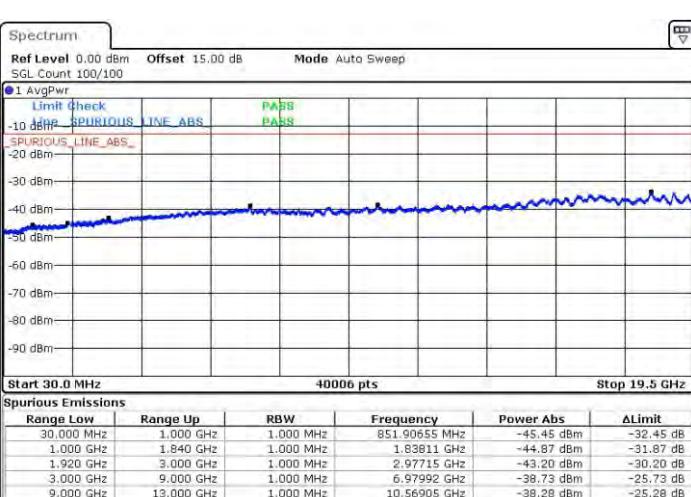




## LTE Band 2 / 5MHz

## Highest Channel / QPSK

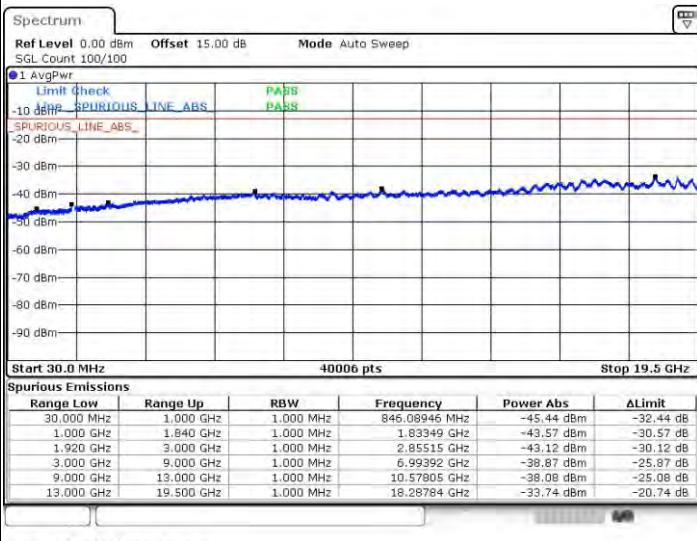
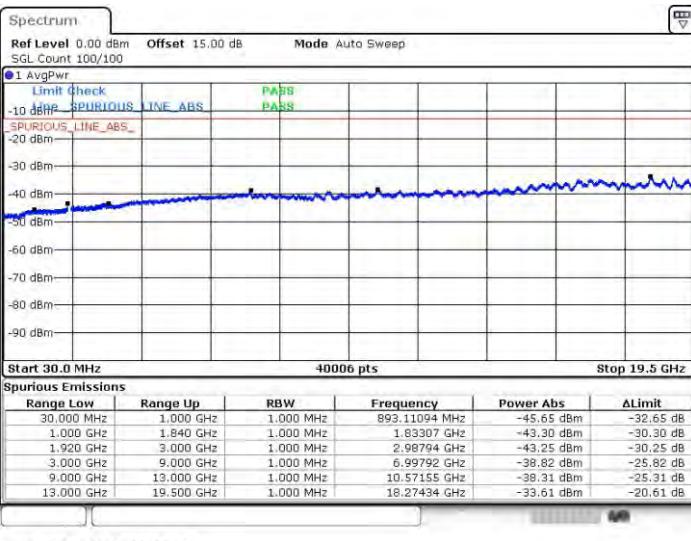
## Highest Channel / 16QAM

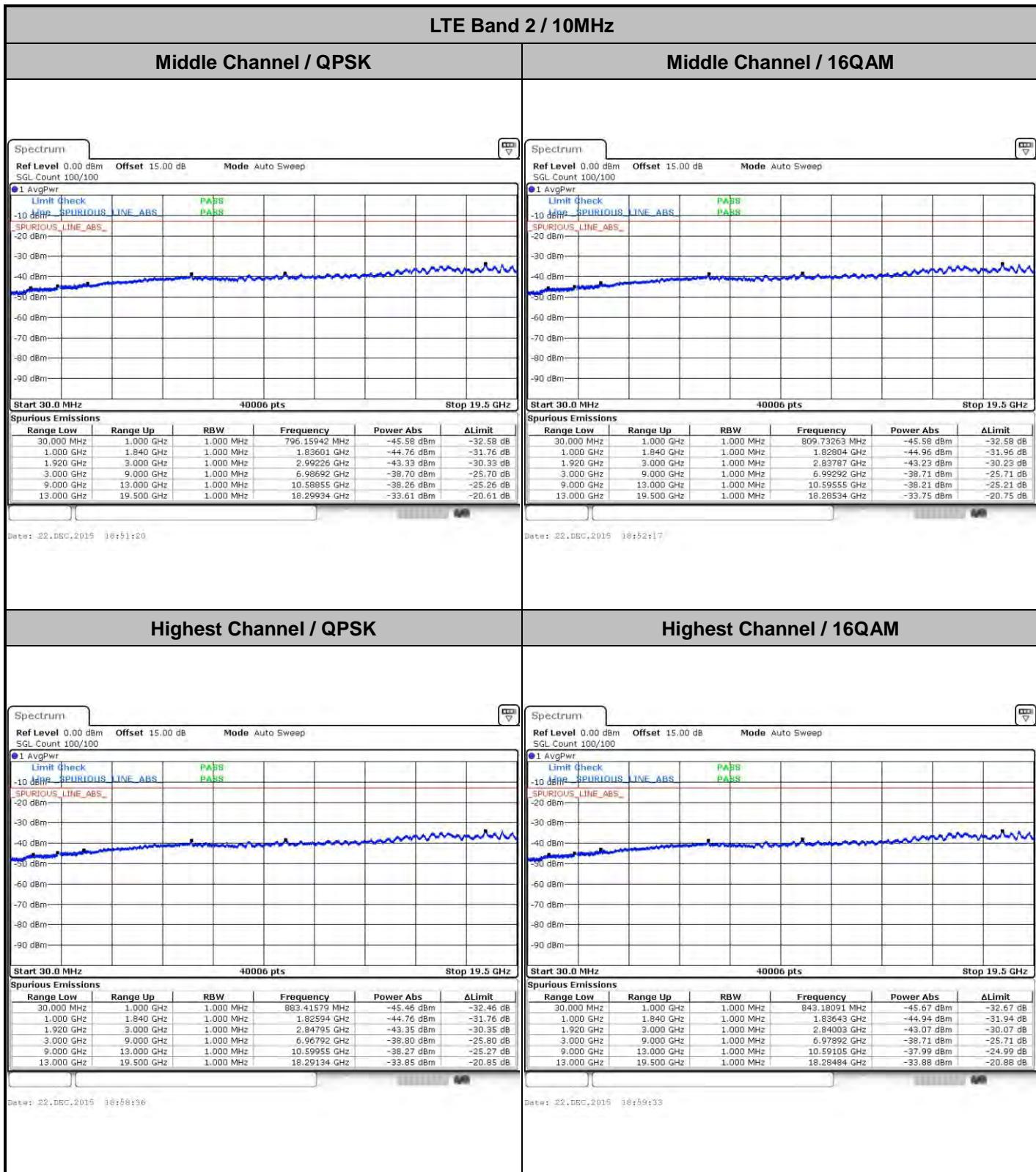


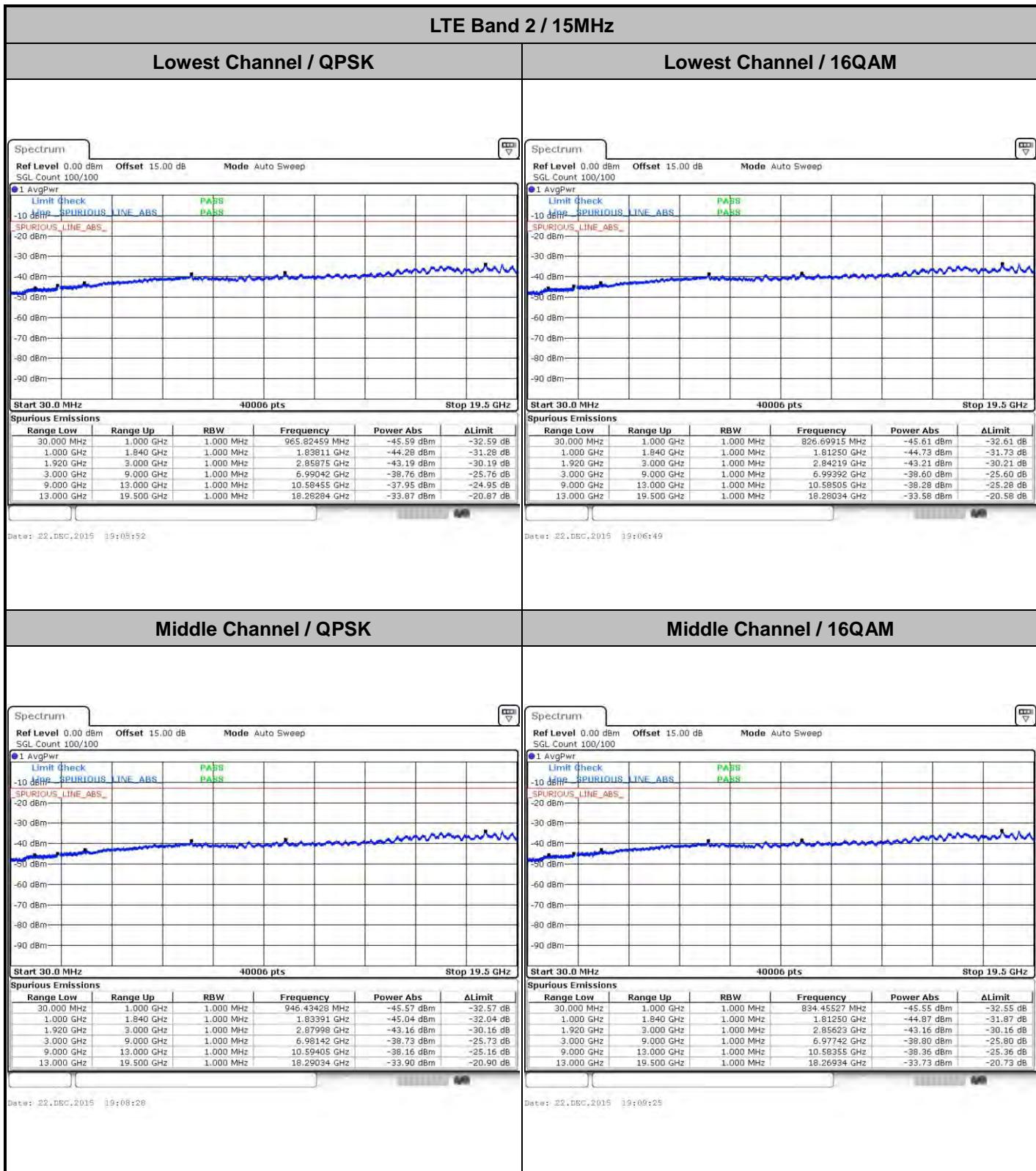
## LTE Band 2 / 10MHz

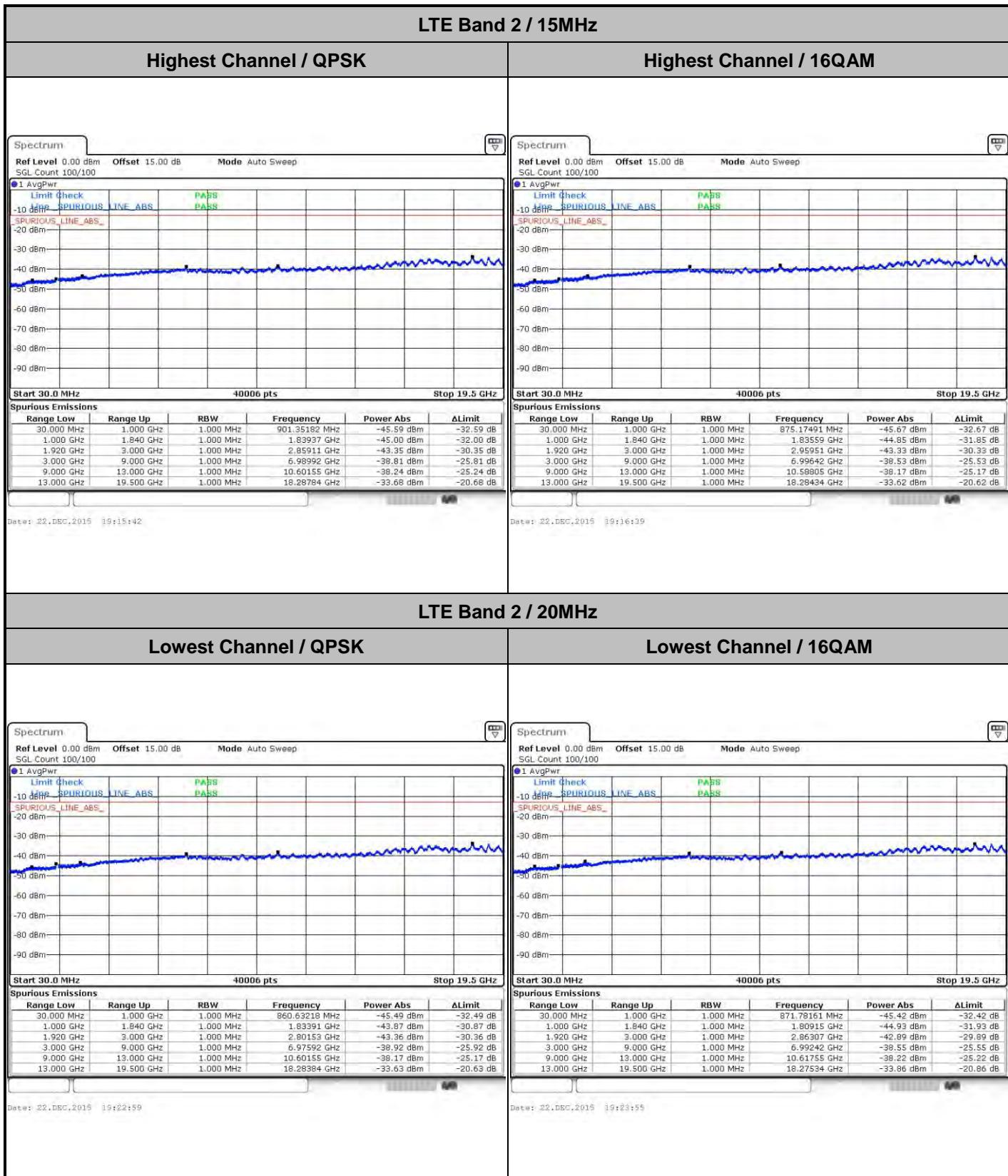
## Lowest Channel / QPSK

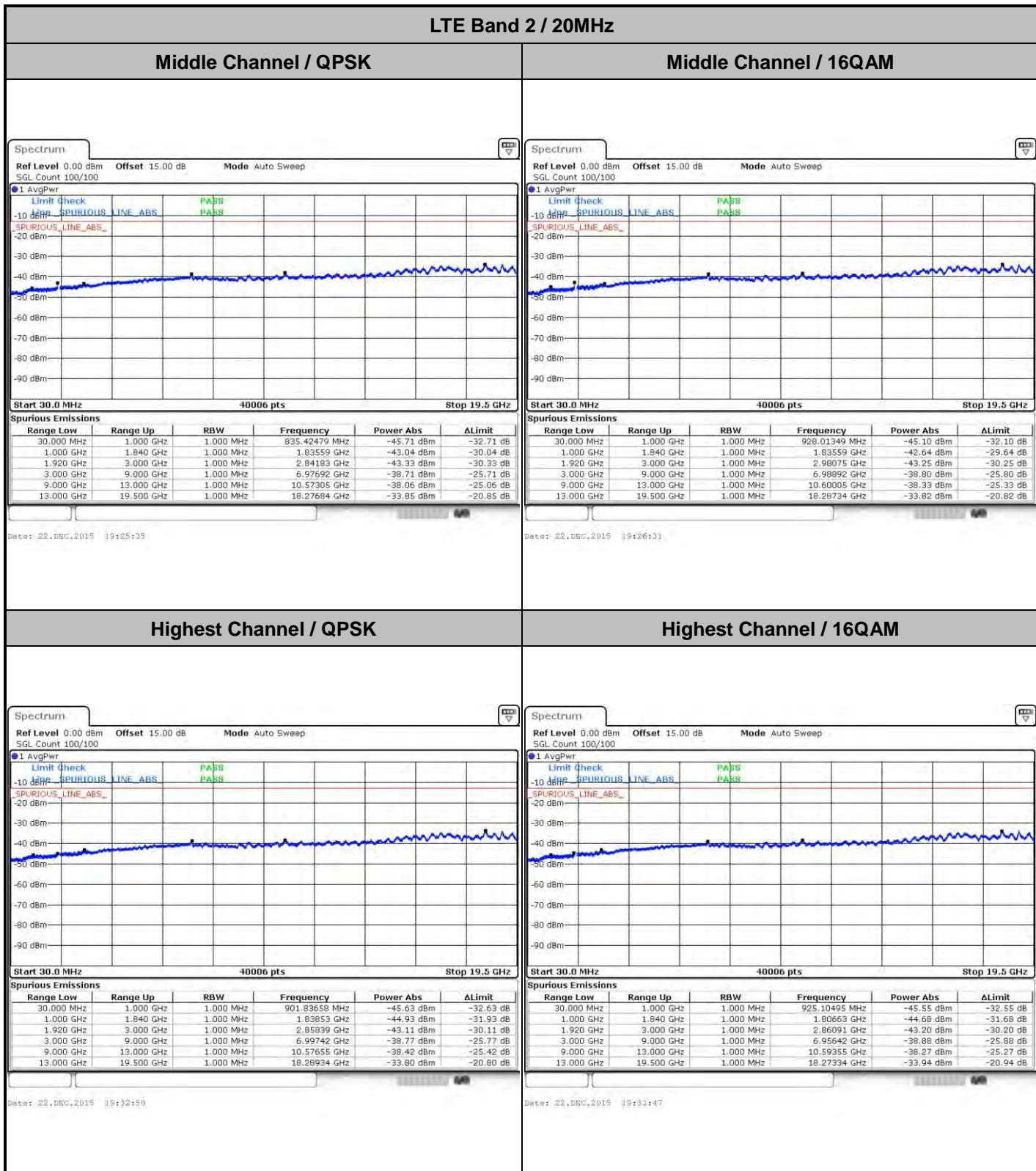
## Lowest Channel / 16QAM

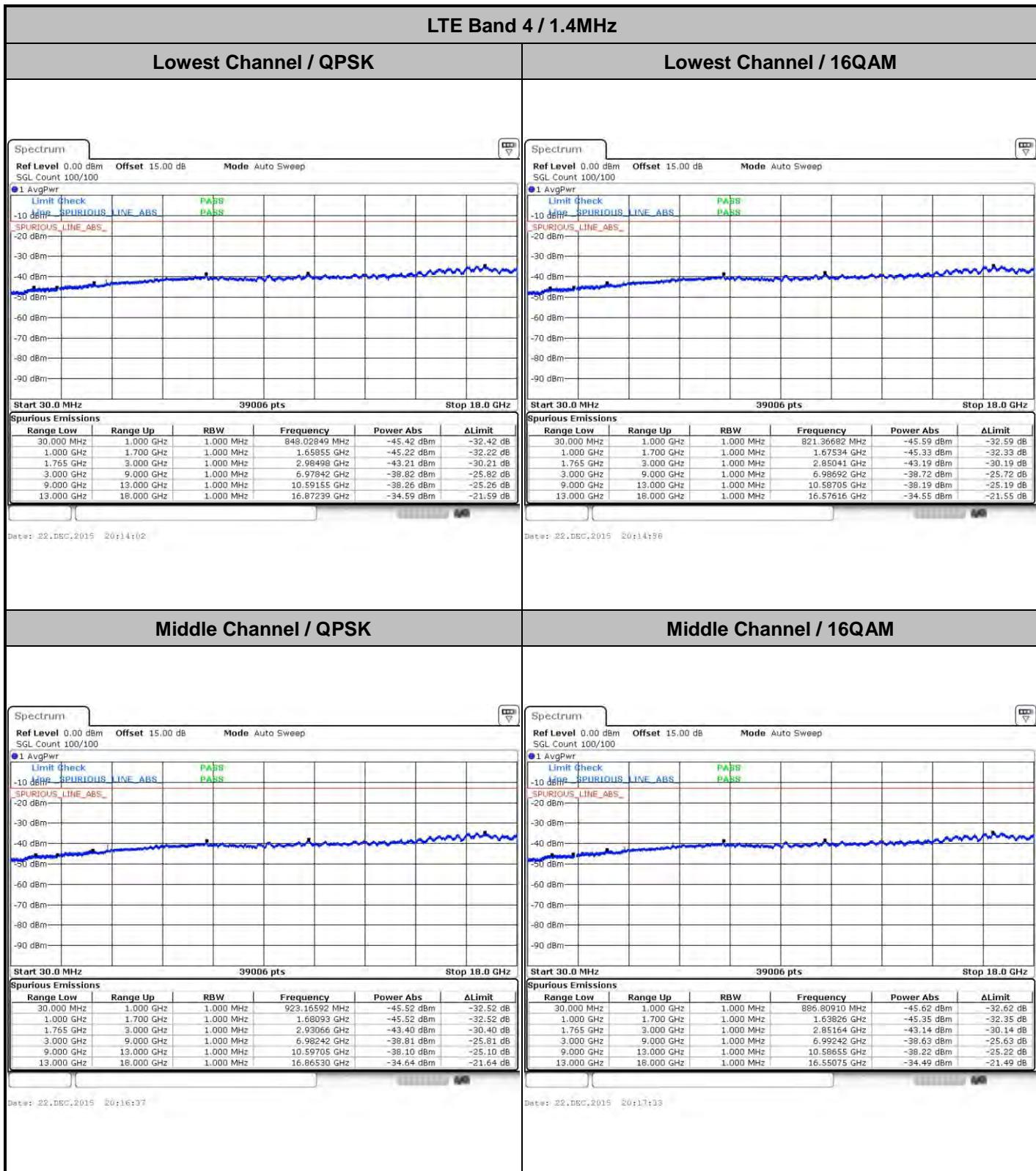










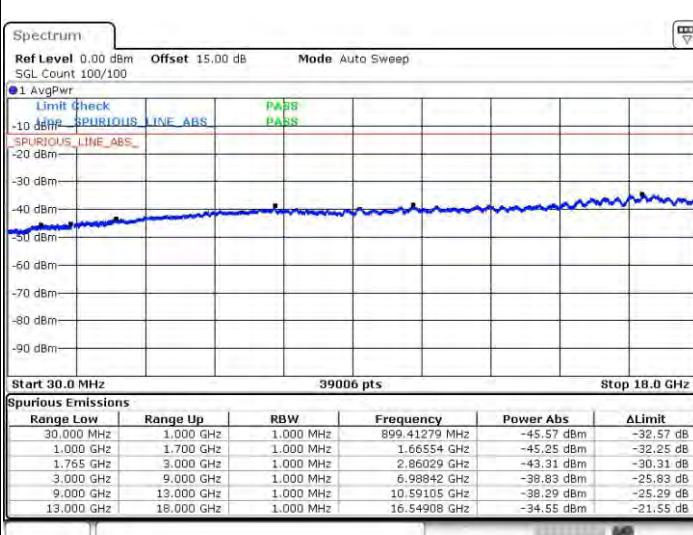
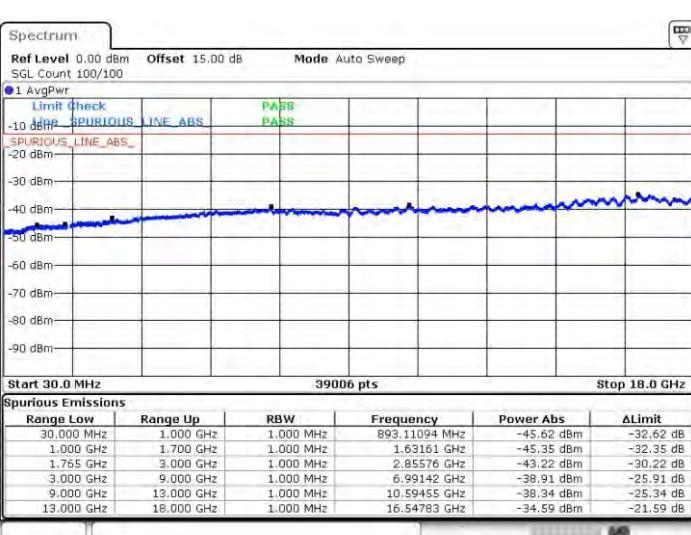




## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK

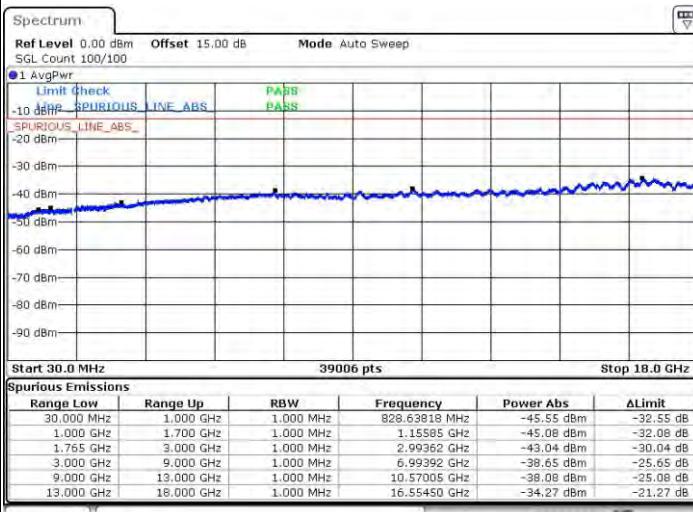
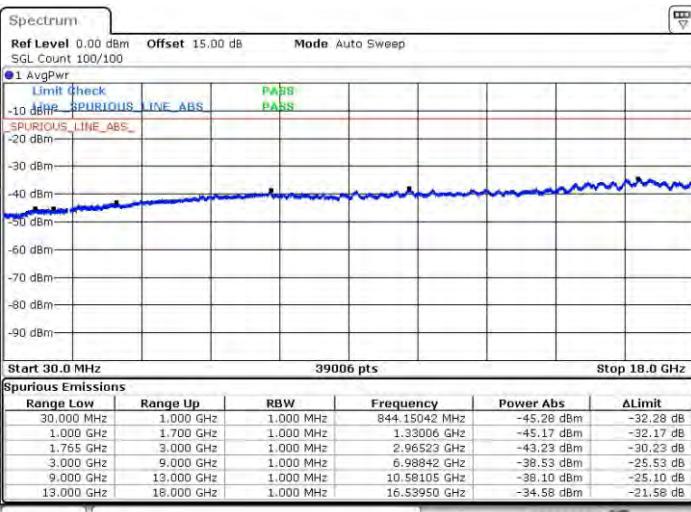
## Highest Channel / 16QAM

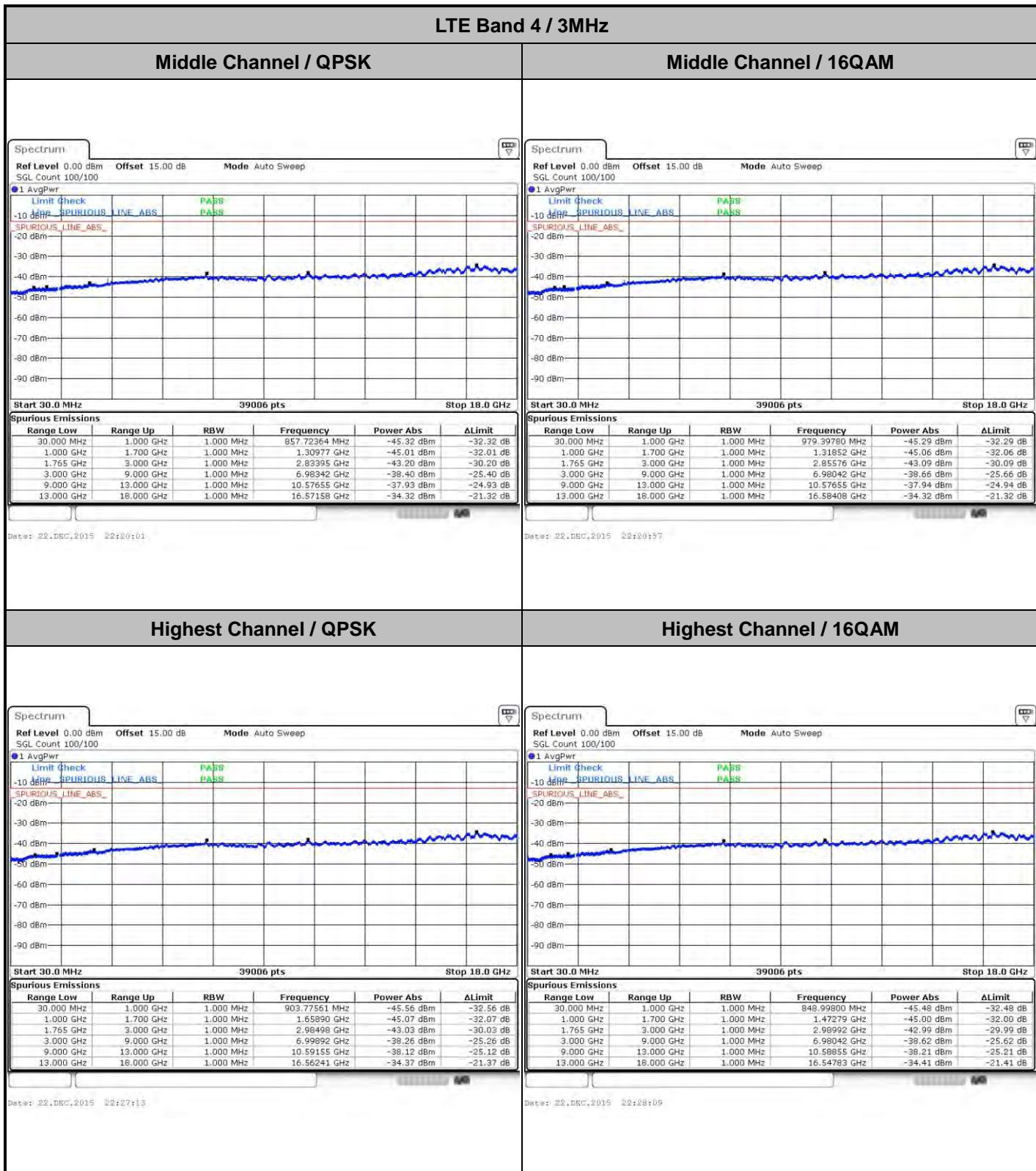


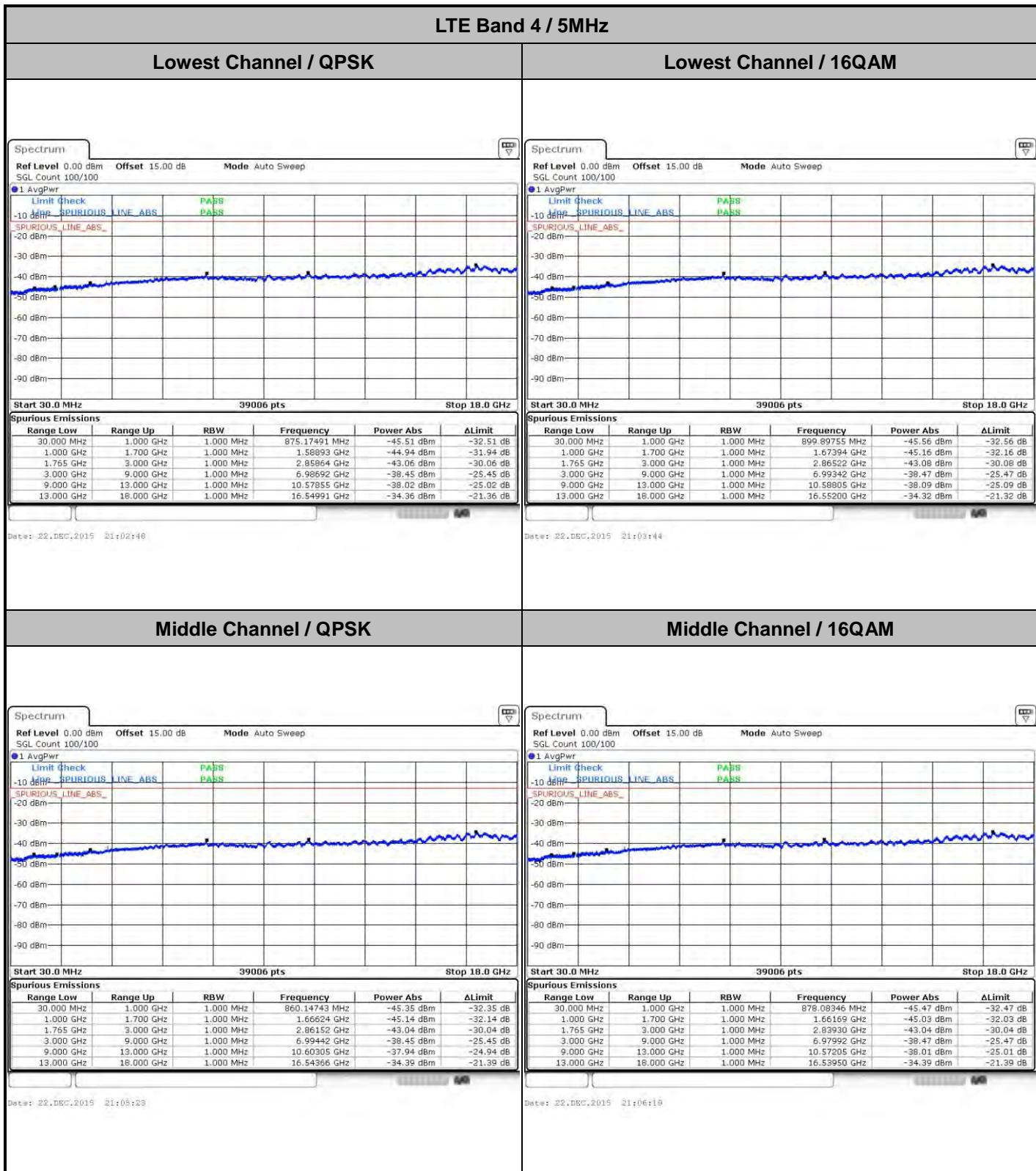
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





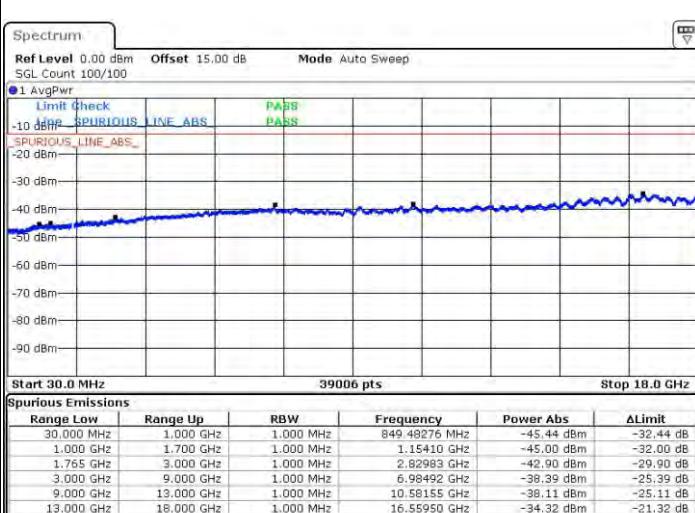
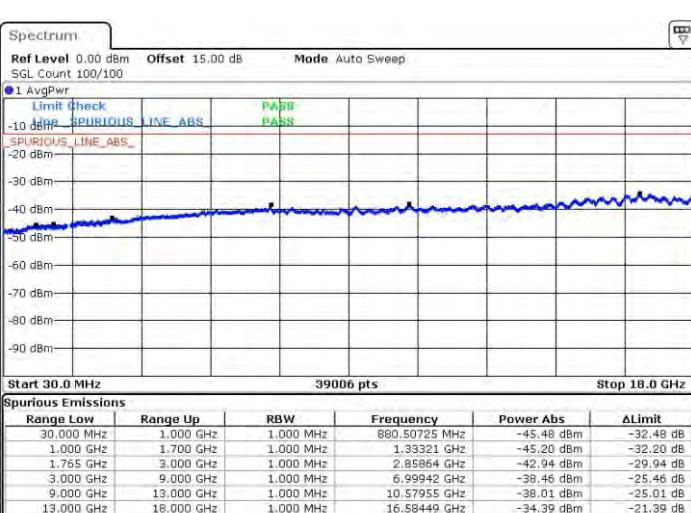




## LTE Band 4 / 5MHz

## Highest Channel / QPSK

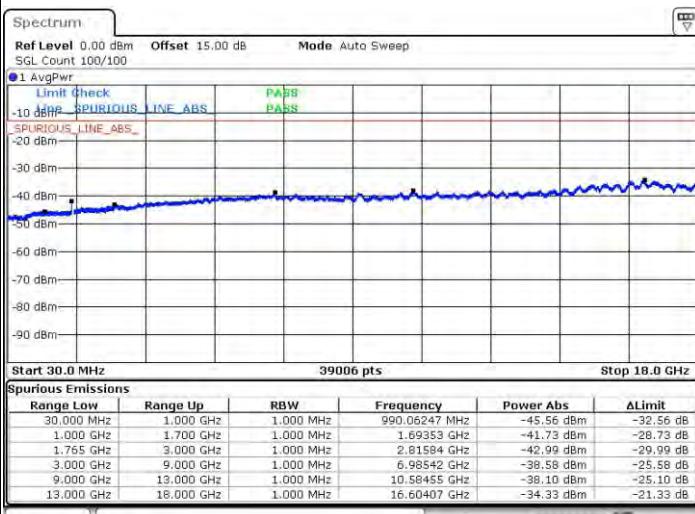
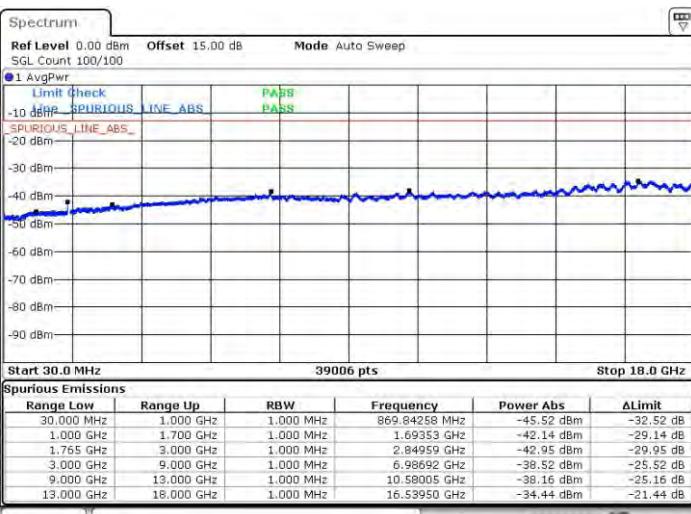
## Highest Channel / 16QAM

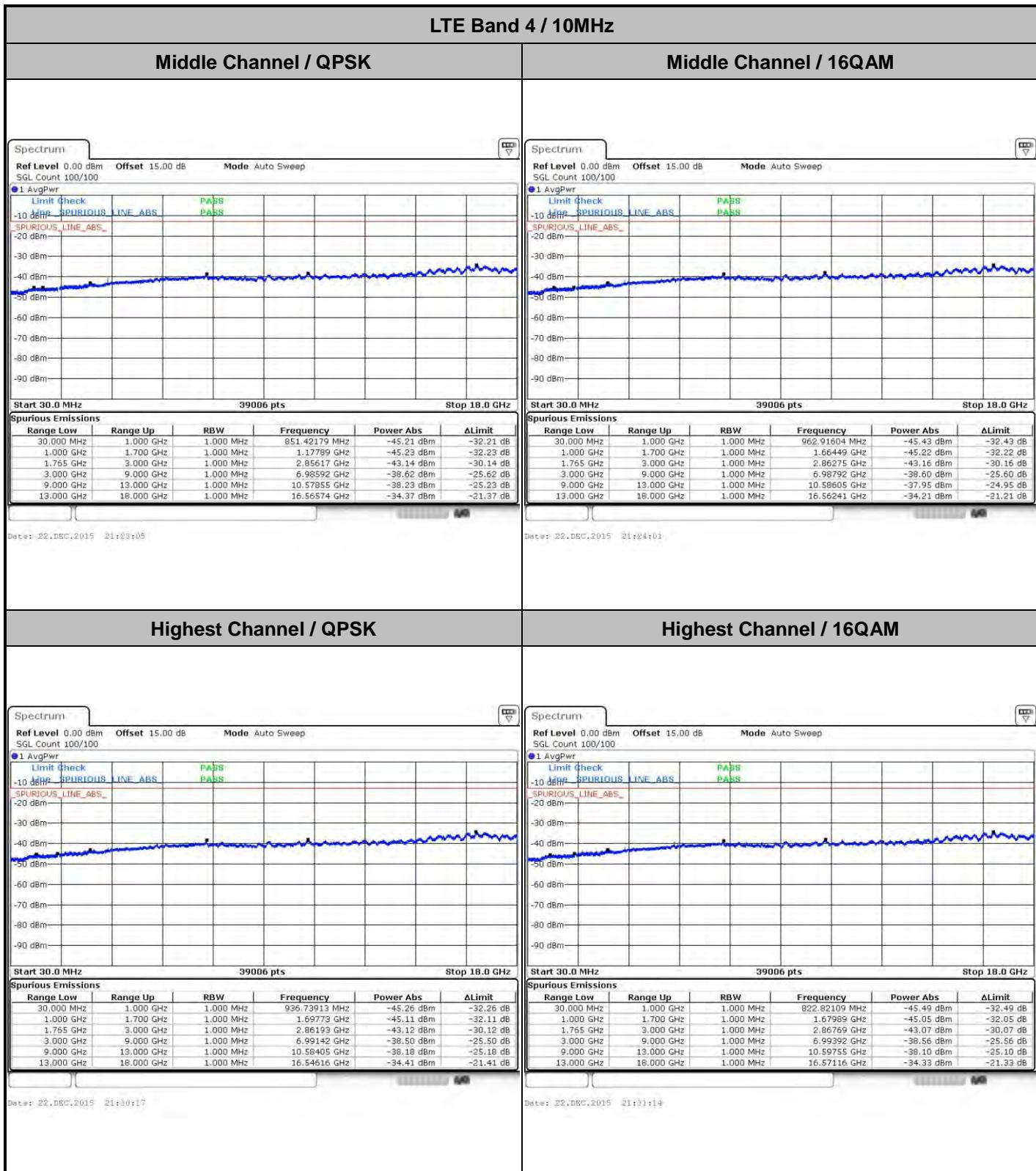


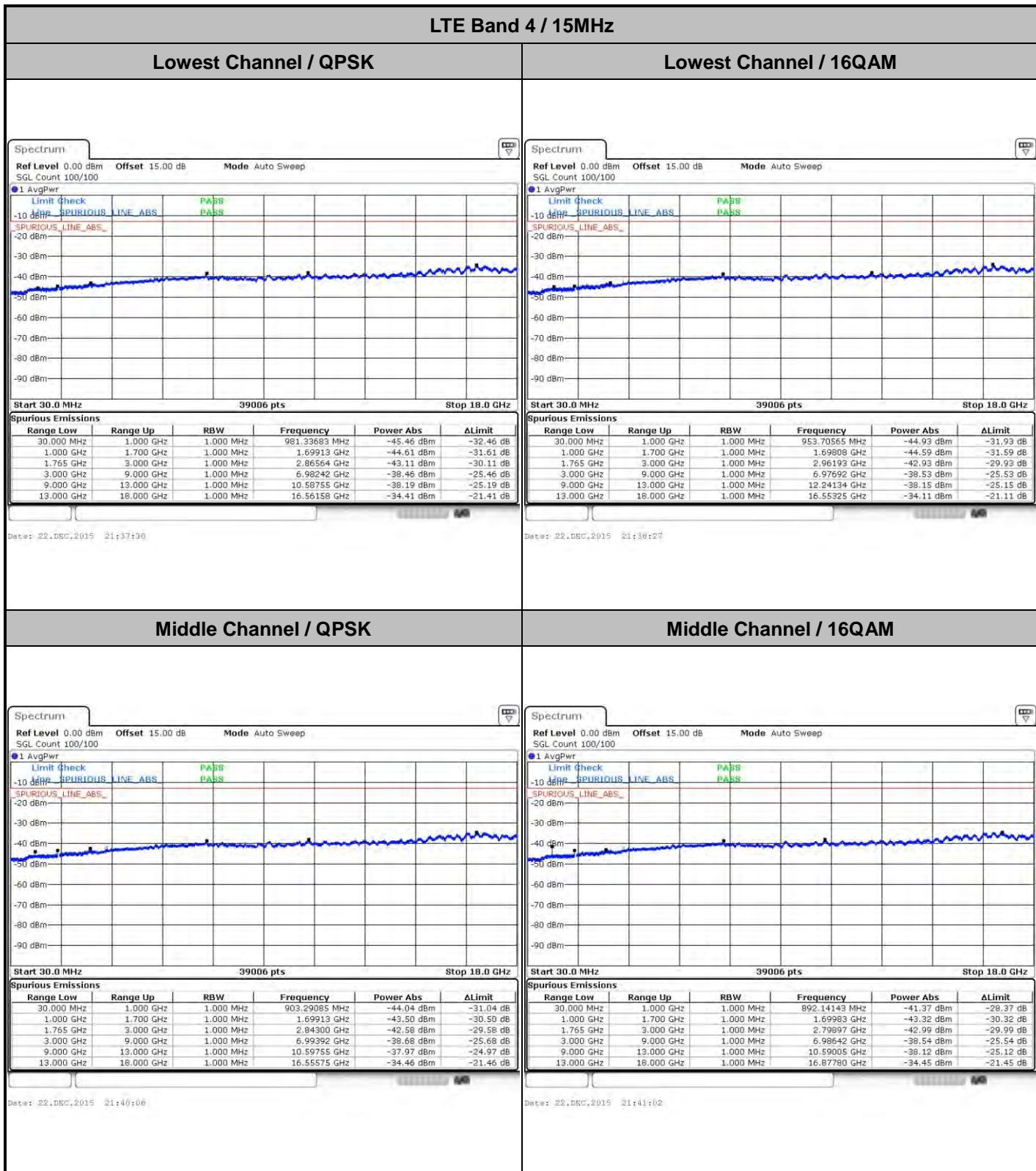
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





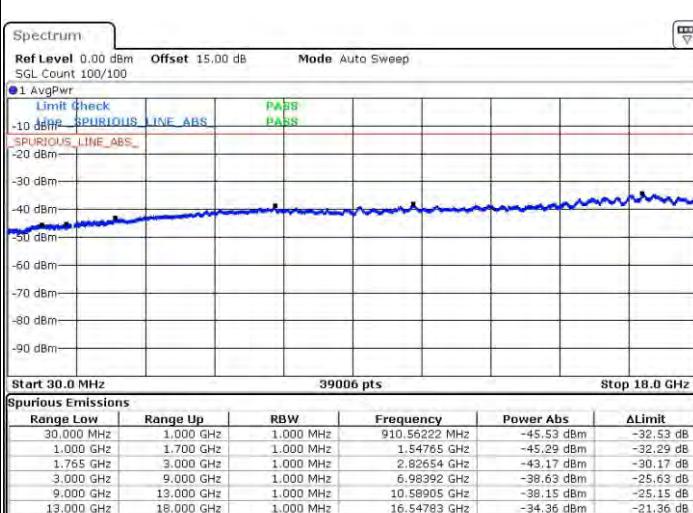
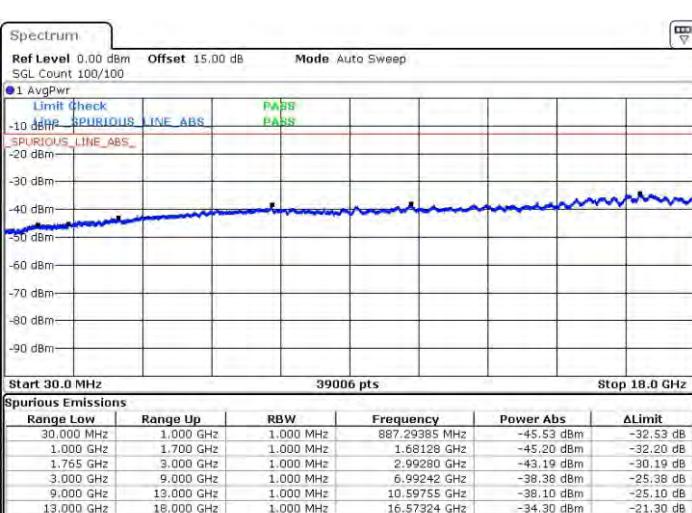




## LTE Band 4 / 15MHz

## Highest Channel / QPSK

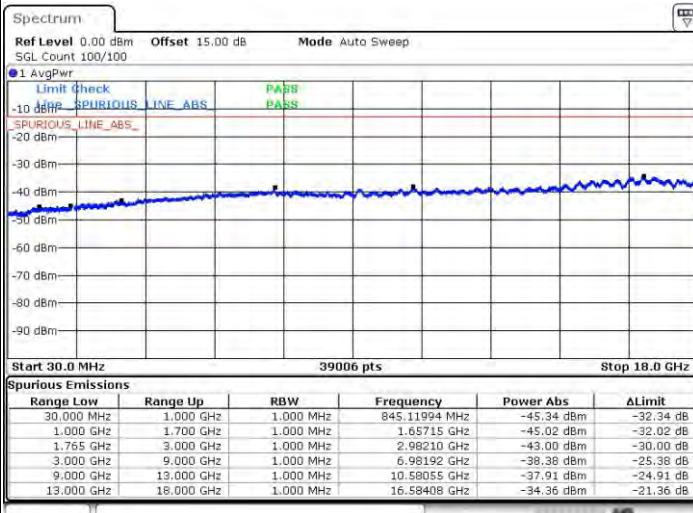
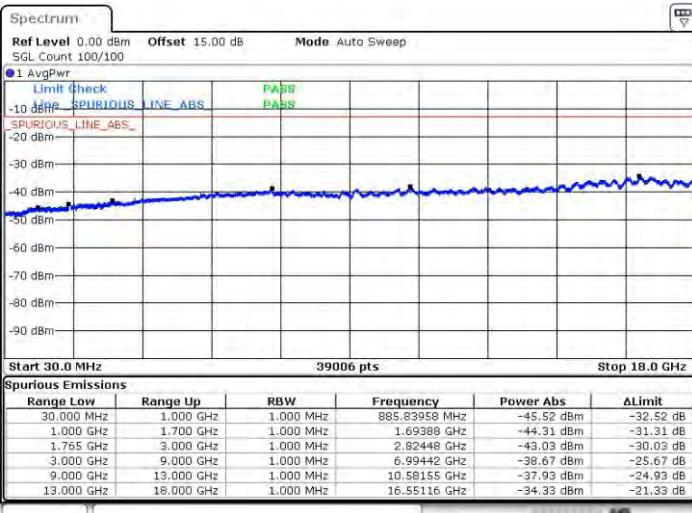
## Highest Channel / 16QAM

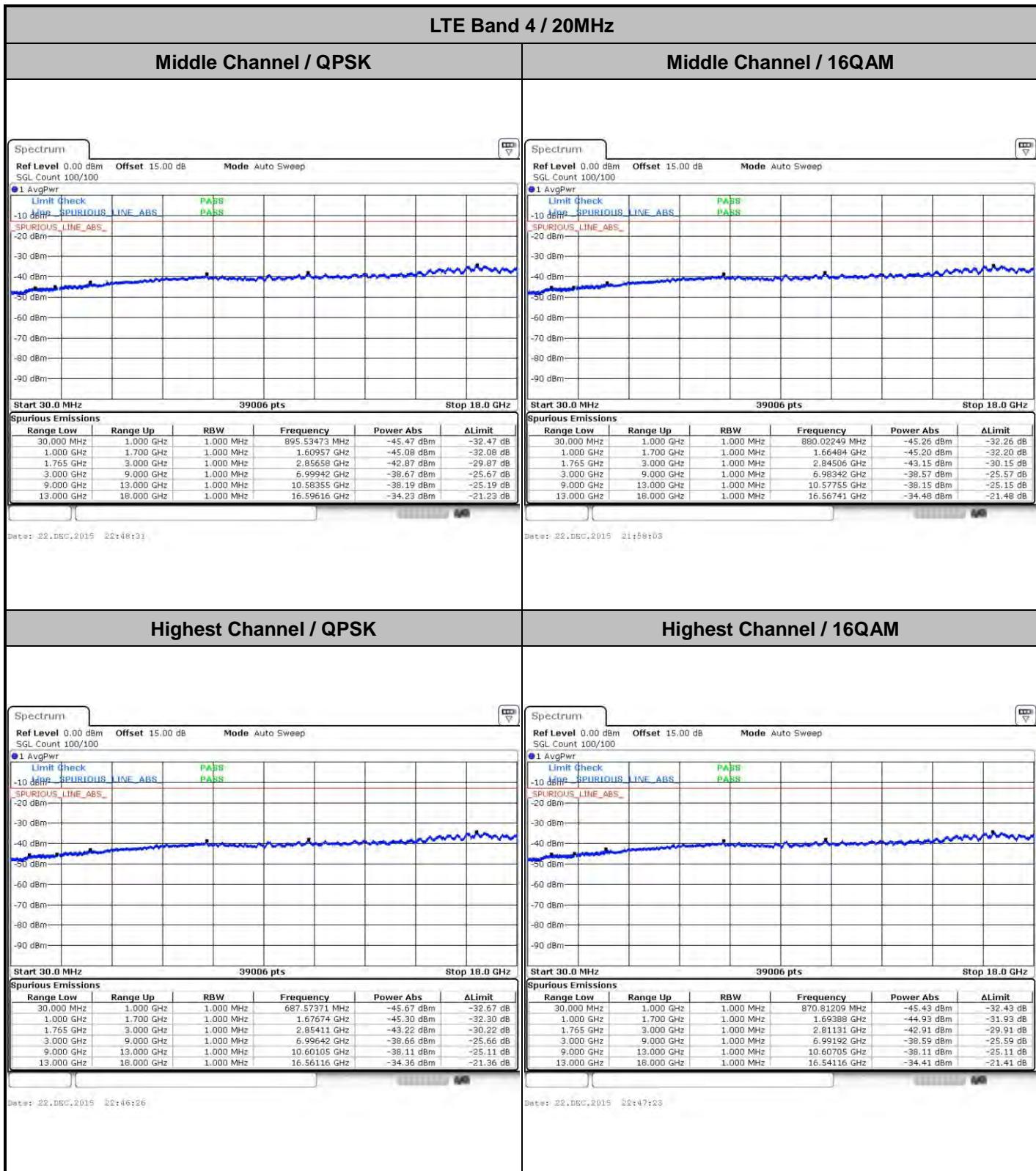


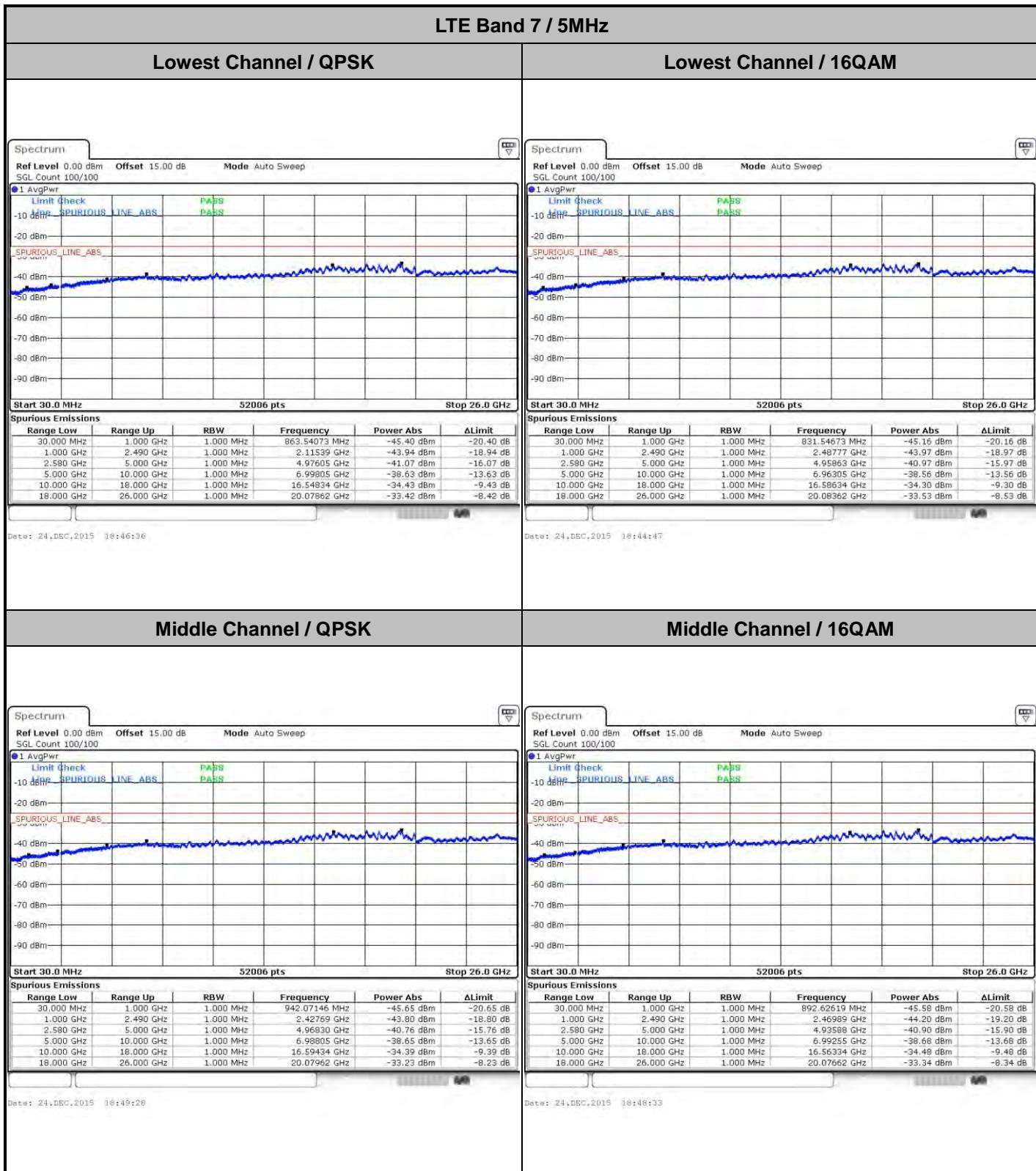
## LTE Band 4 / 20MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





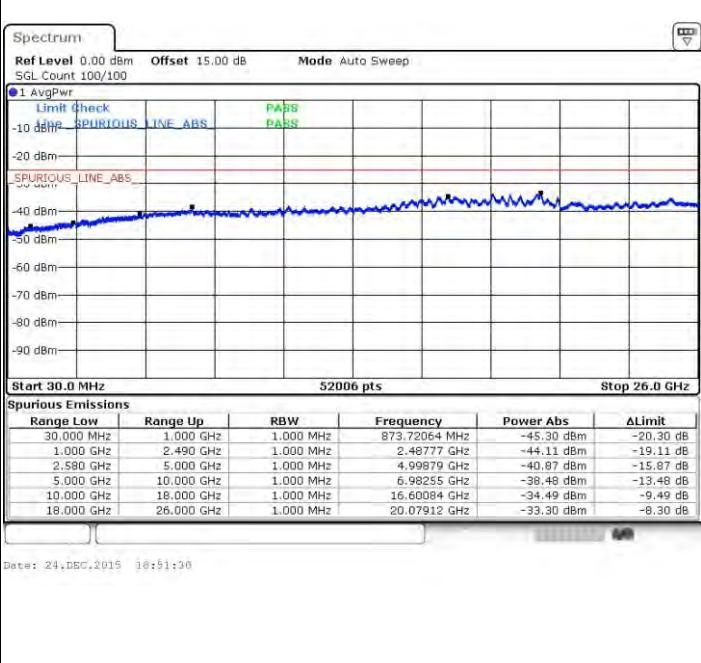
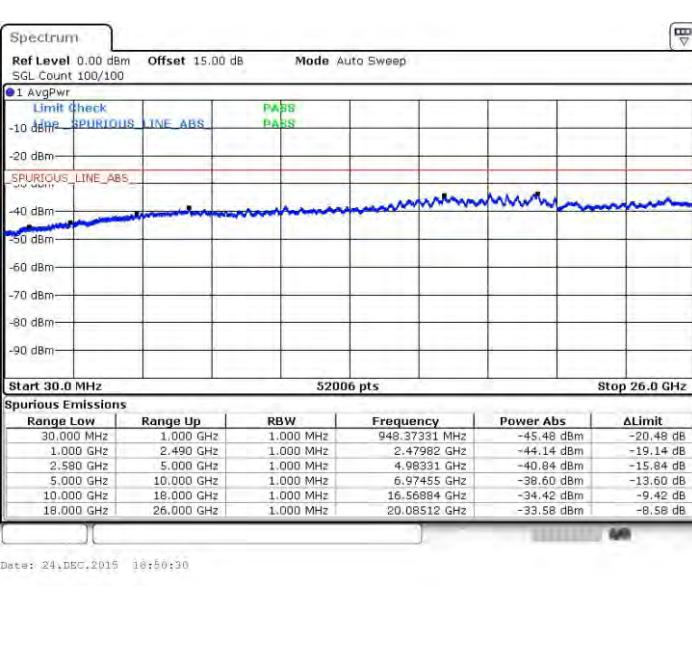




## LTE Band 7 / 5MHz

## Highest Channel / QPSK

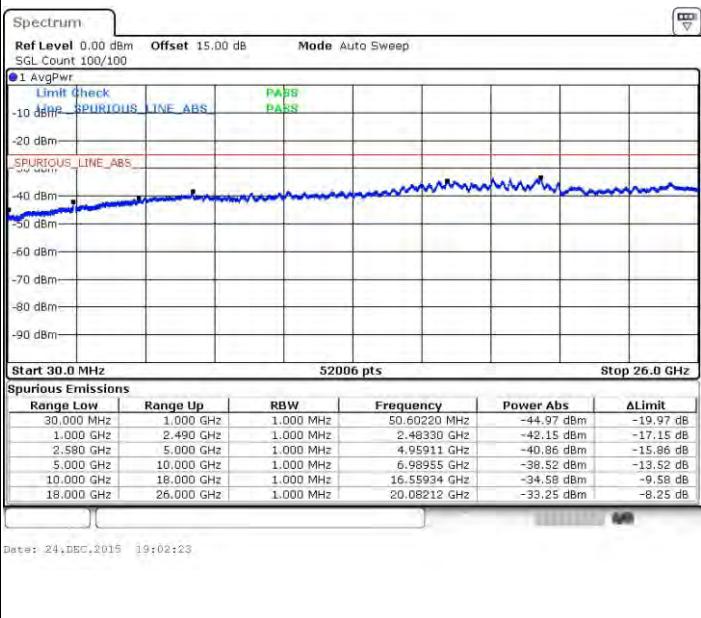
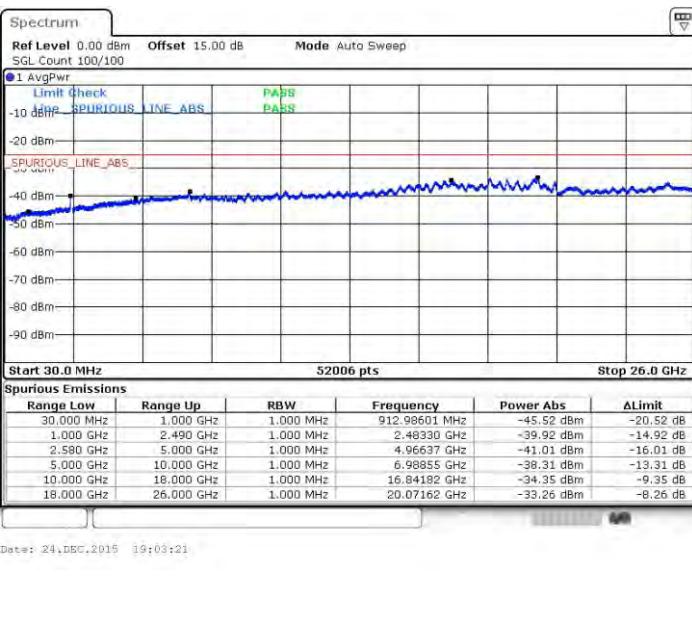
## Highest Channel / 16QAM

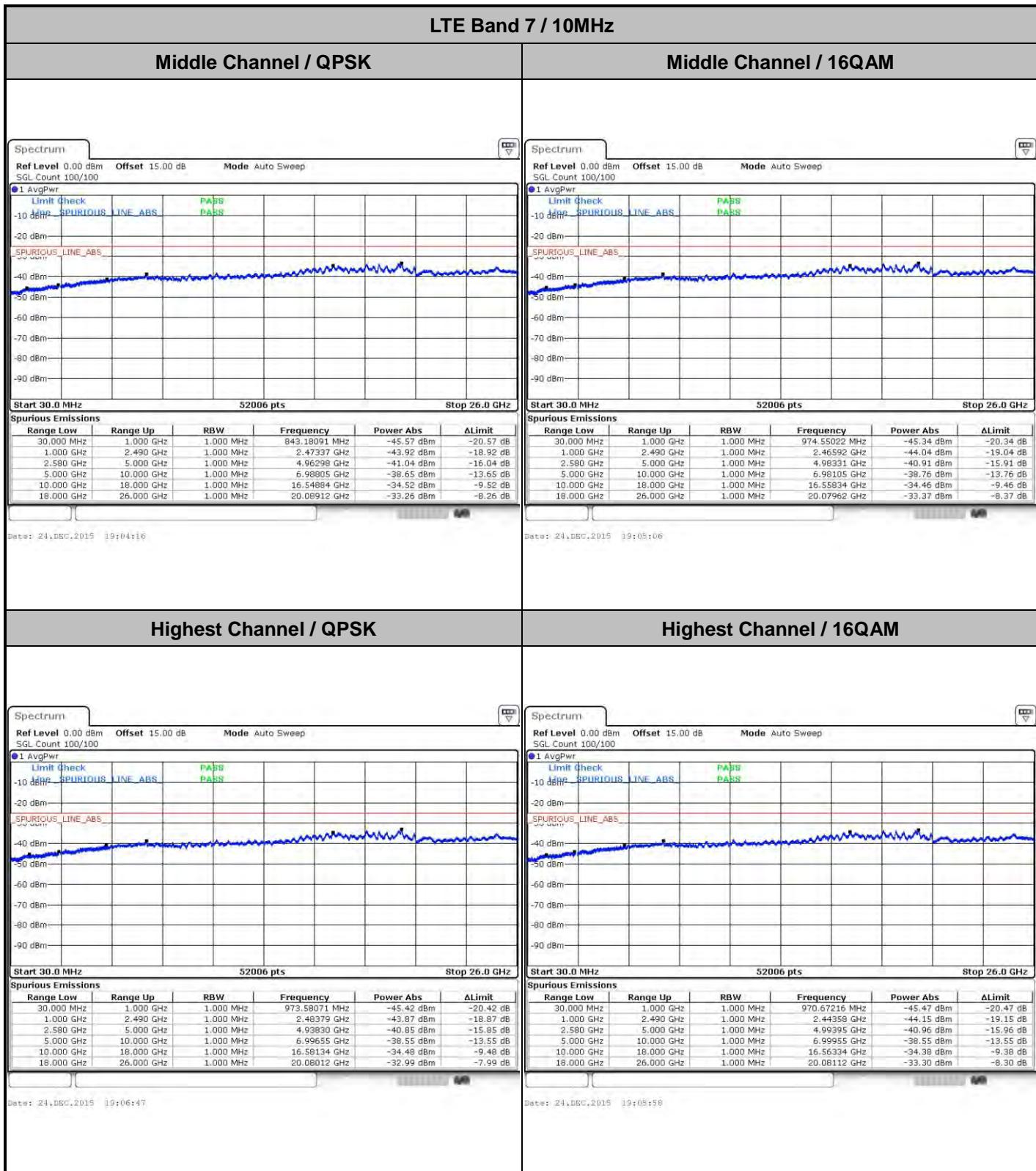


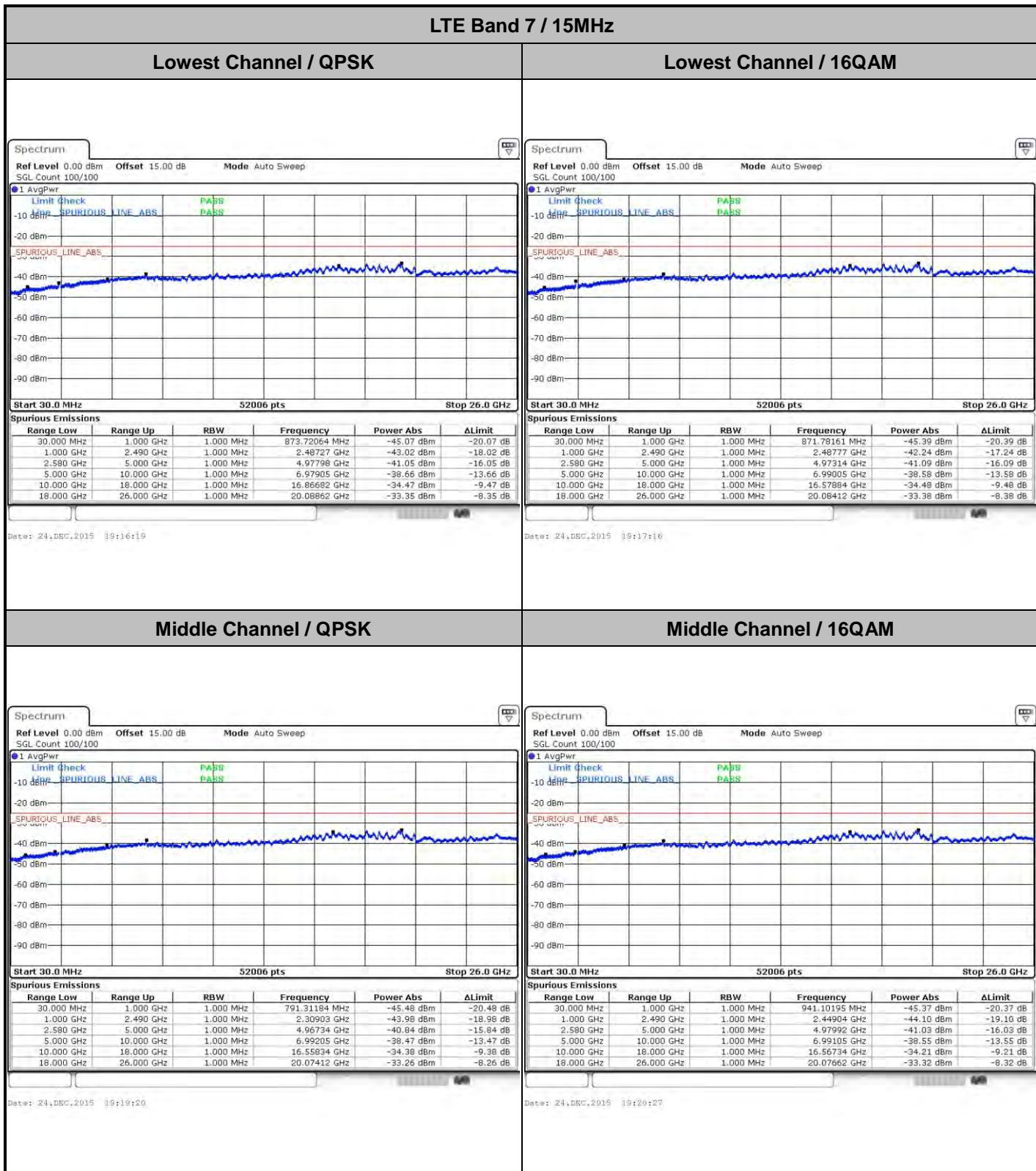
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





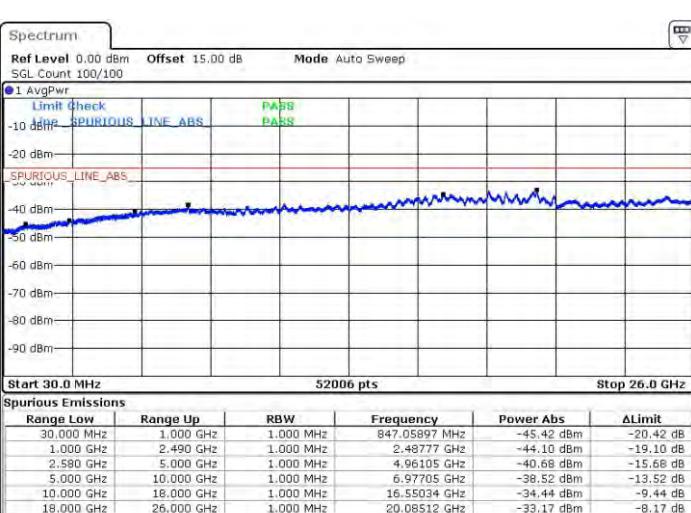




## LTE Band7 / 15MHz

## Highest Channel / QPSK

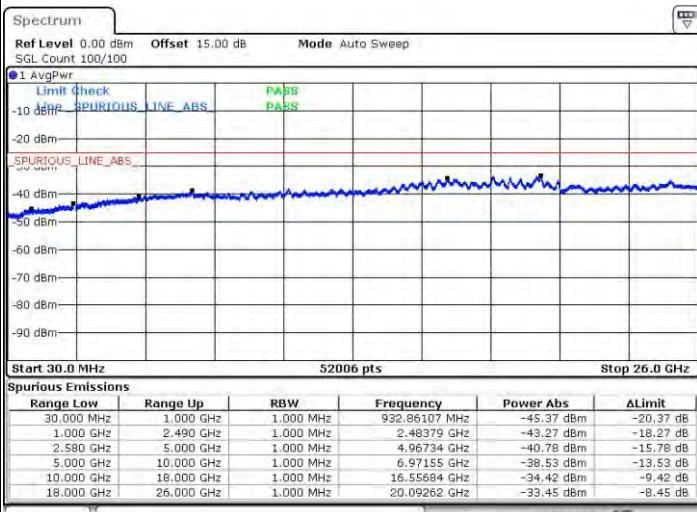
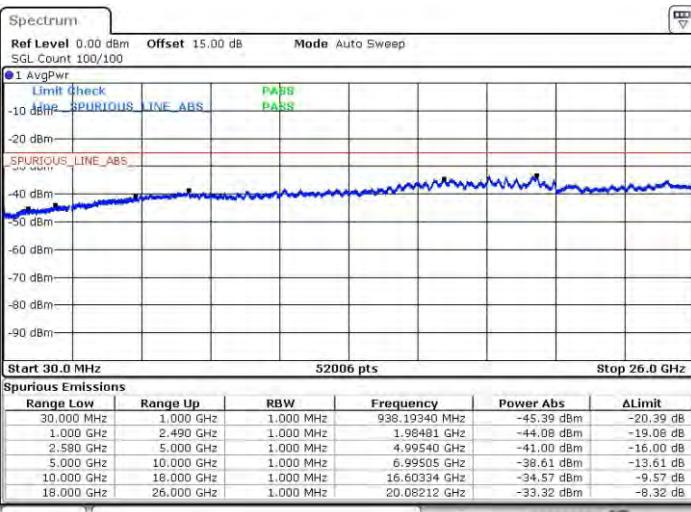
## Highest Channel / 16QAM

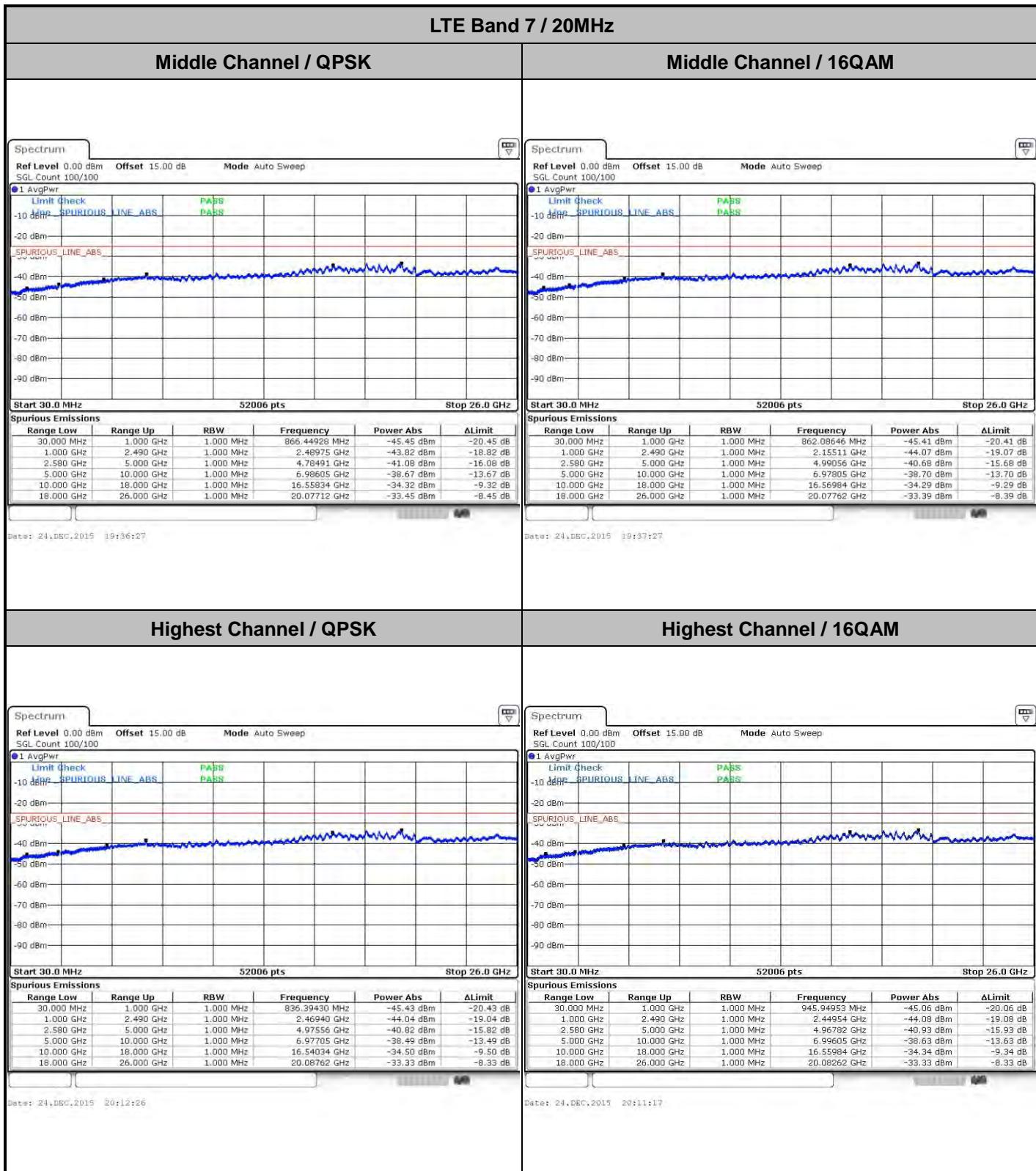


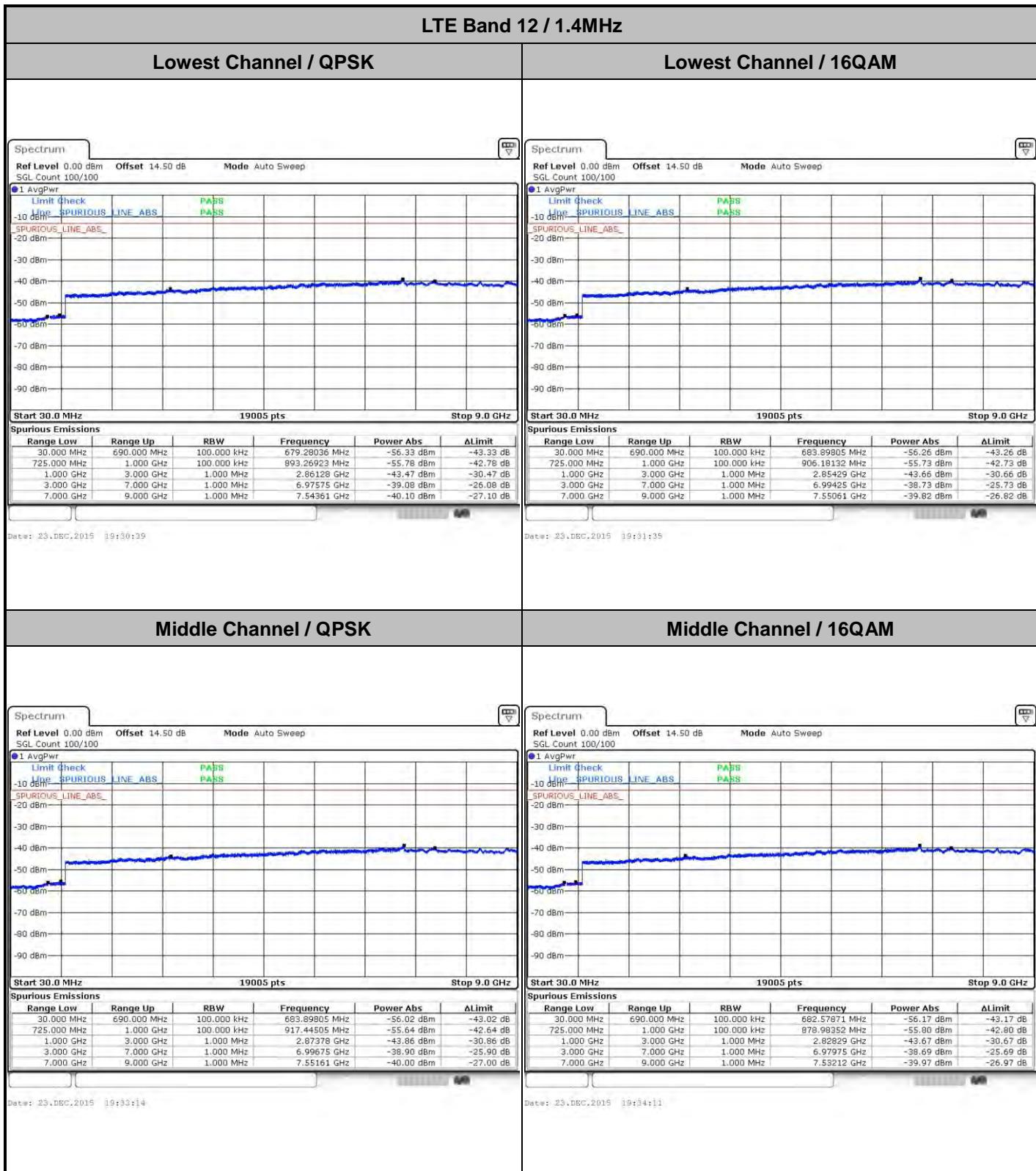
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





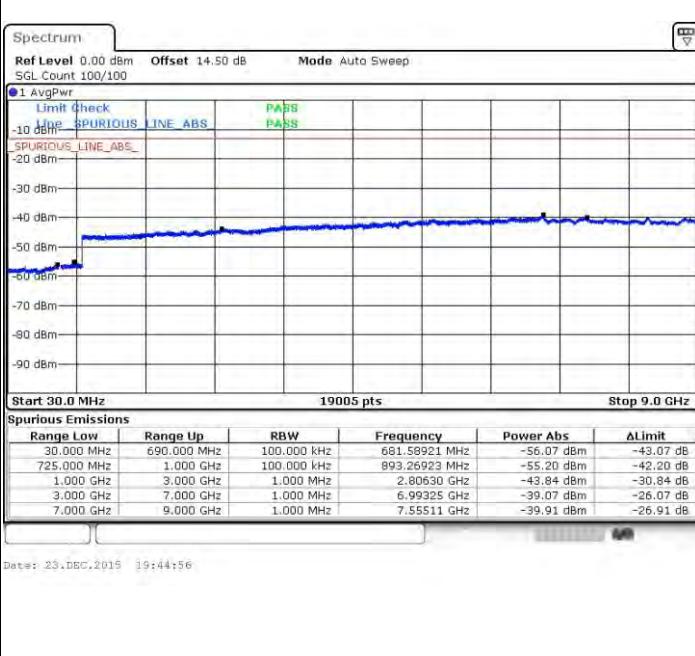
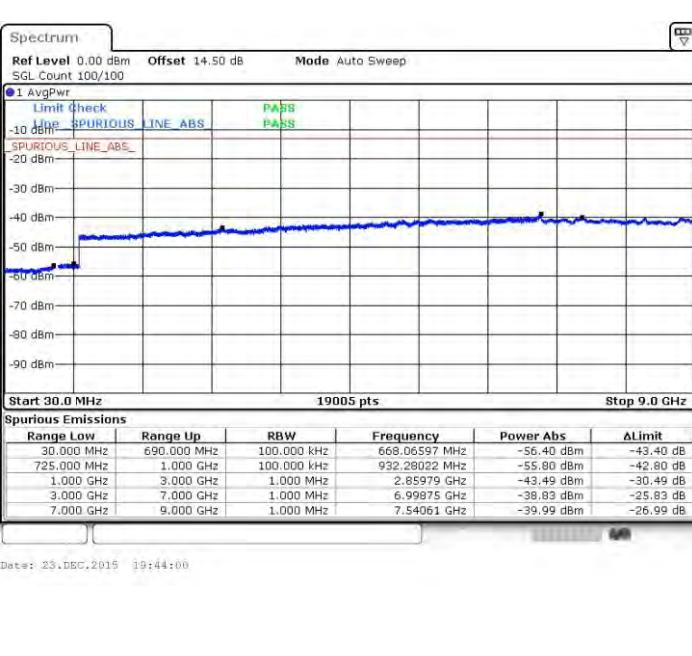




## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK

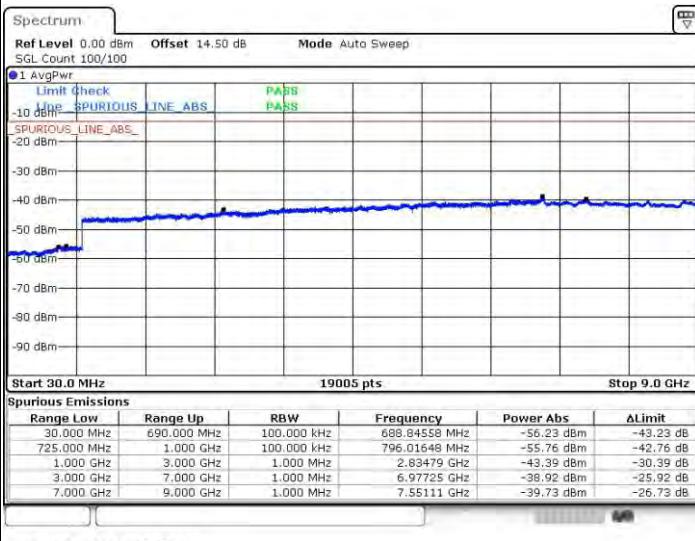
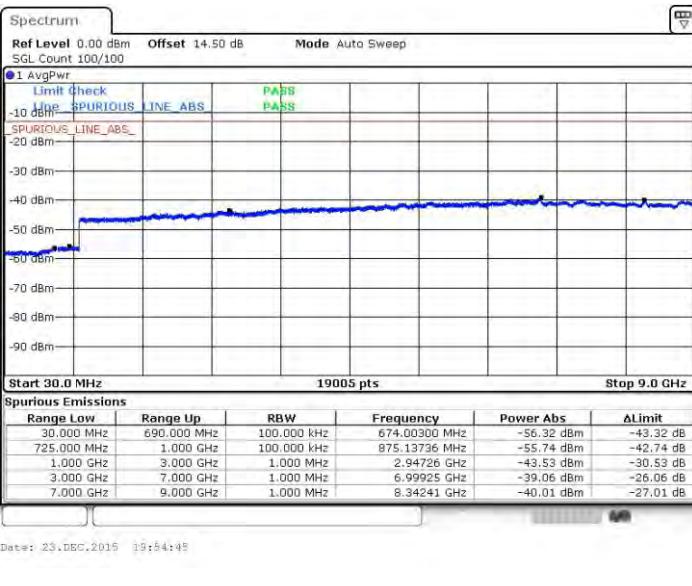
## Highest Channel / 16QAM

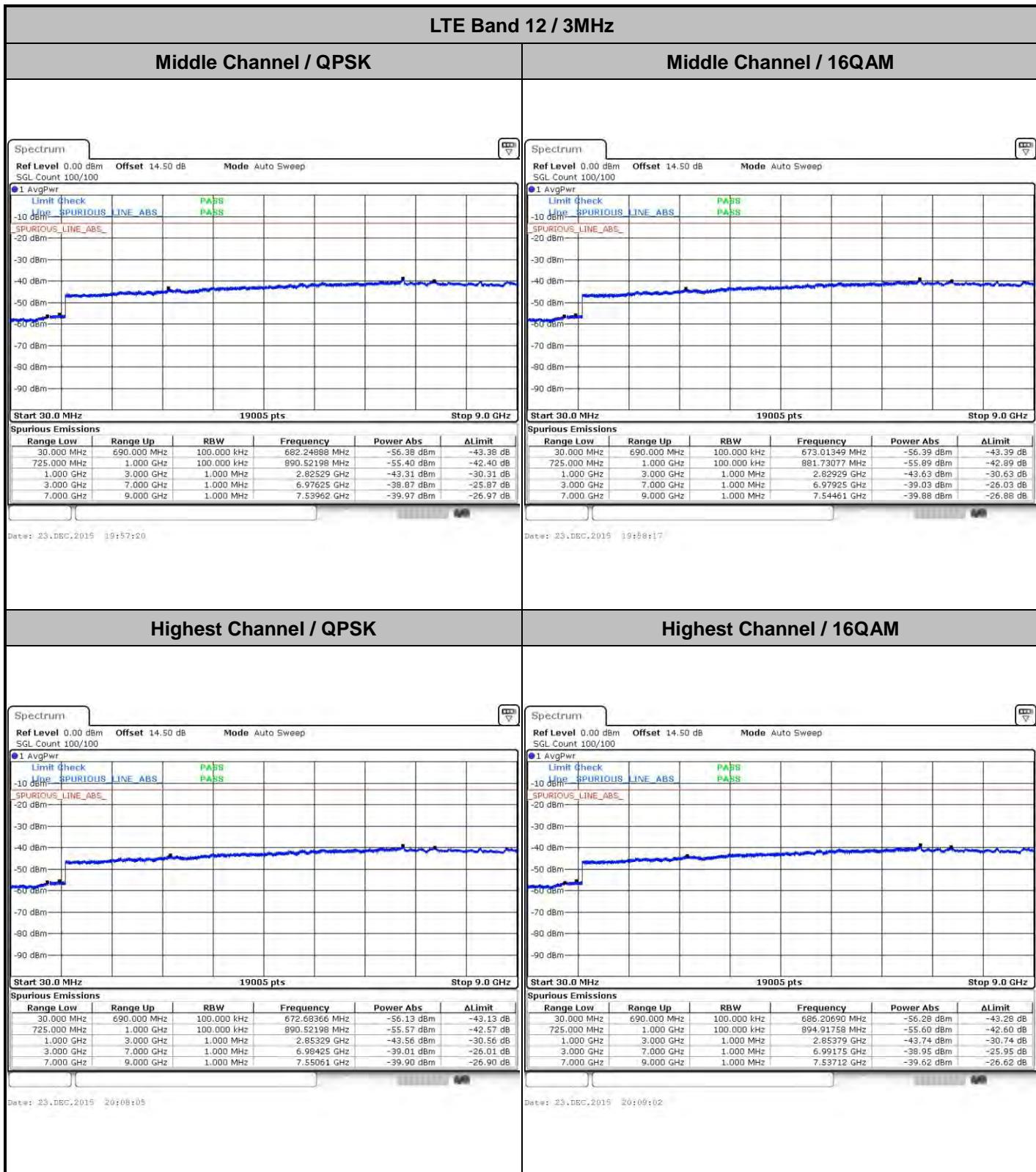


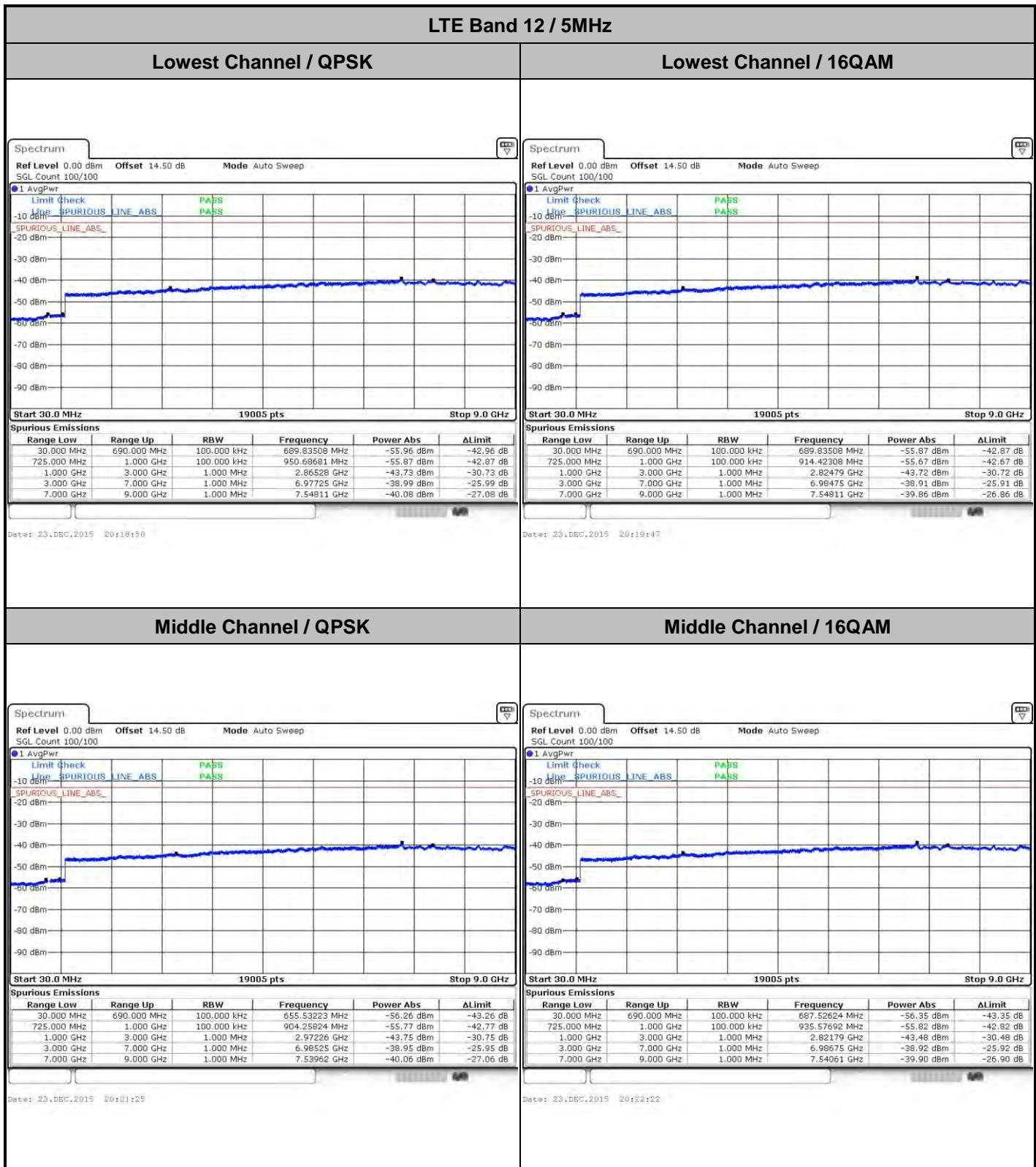
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





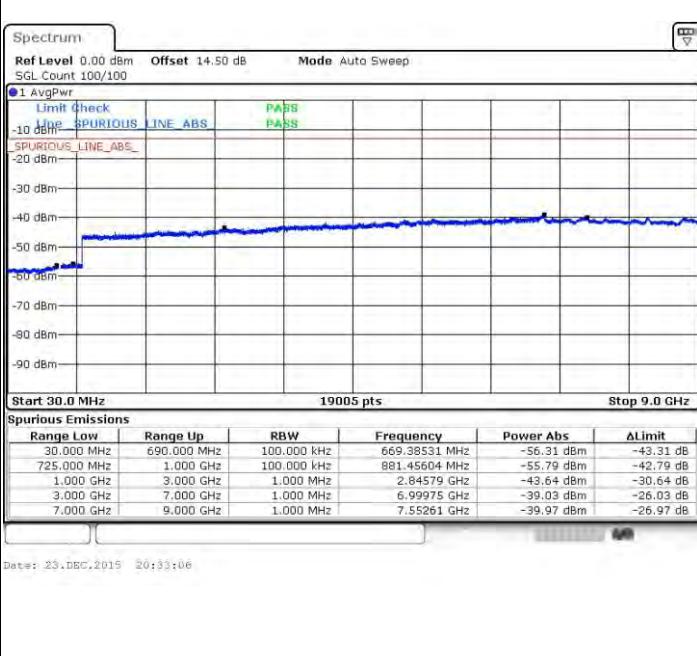
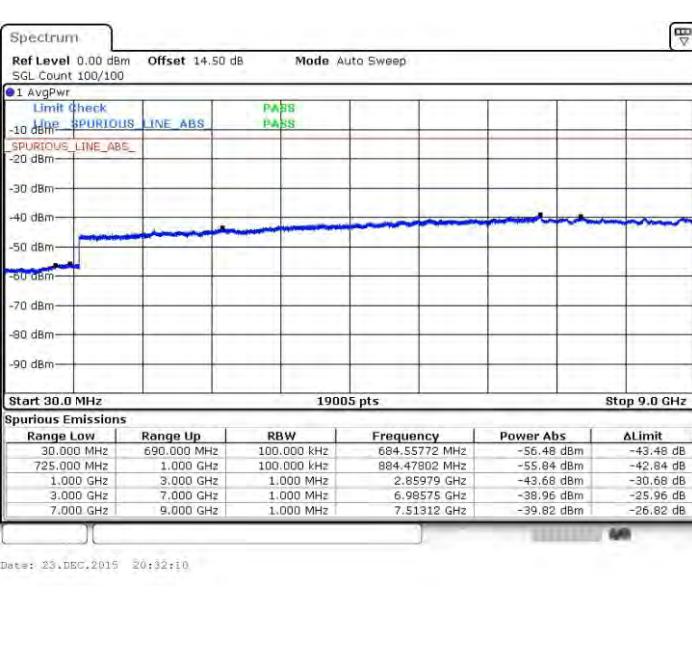




## LTE Band 12 / 5MHz

## Highest Channel / QPSK

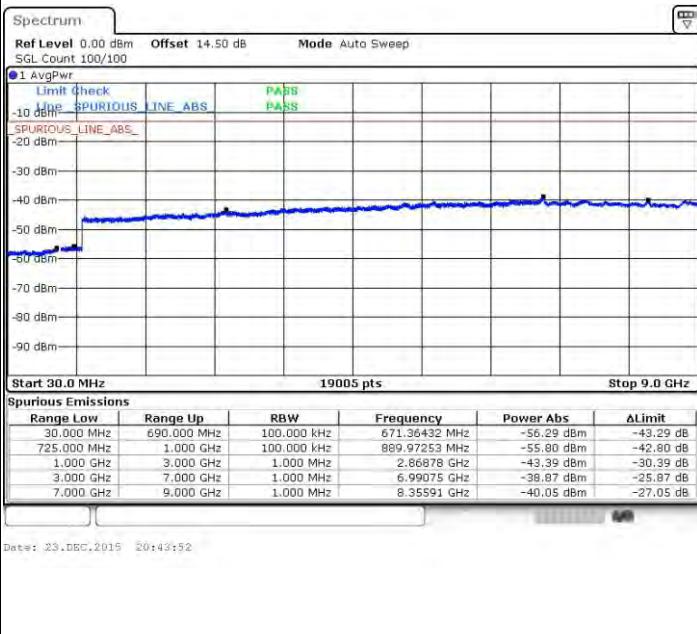
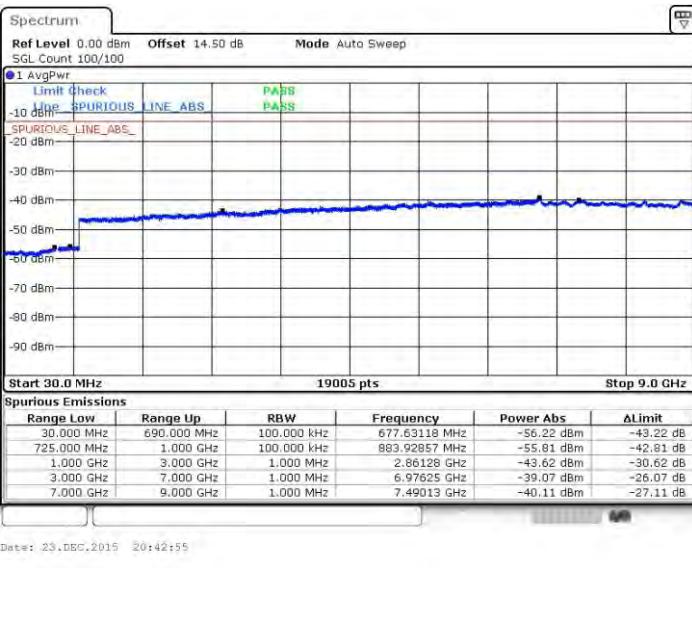
## Highest Channel / 16QAM

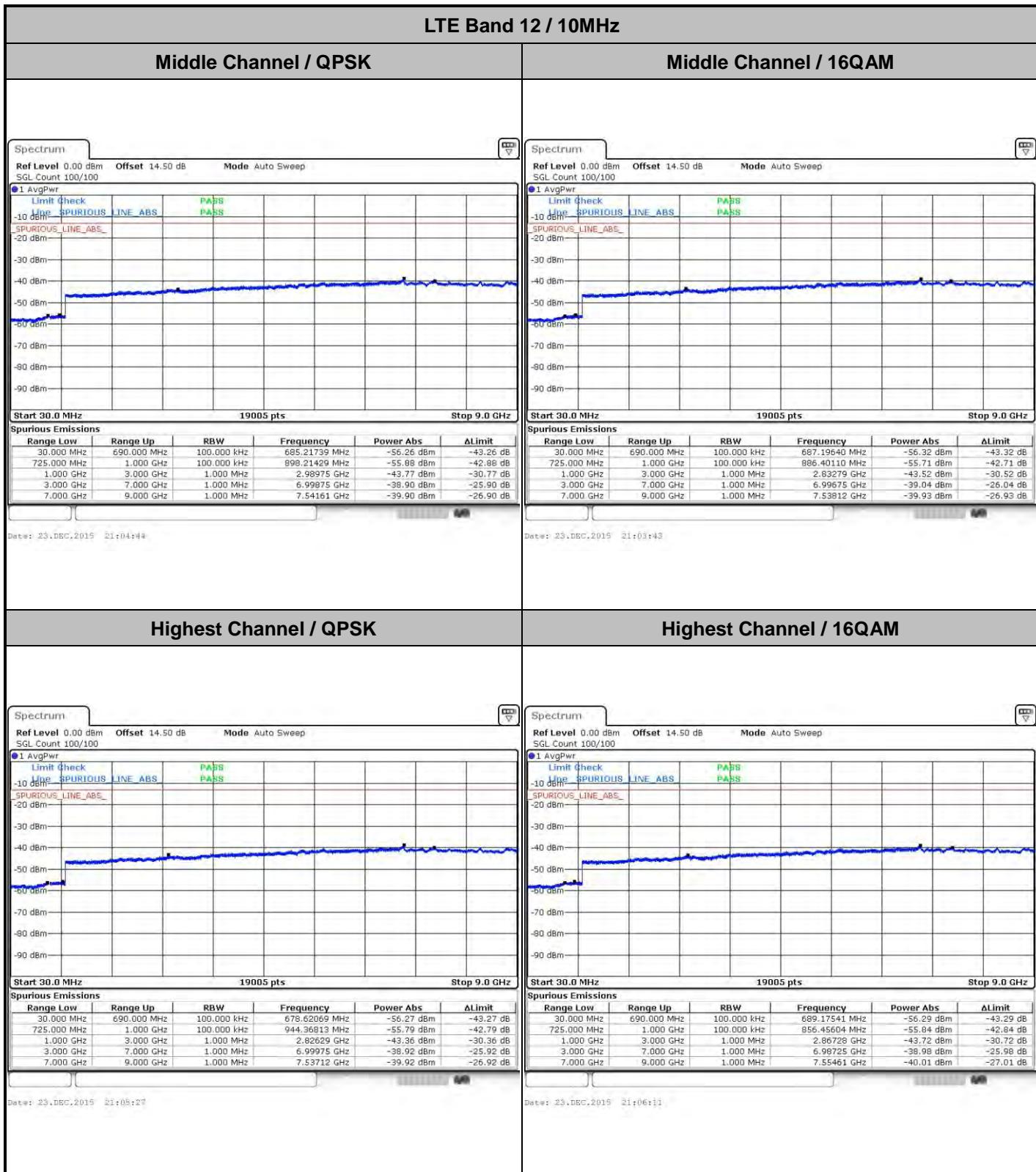


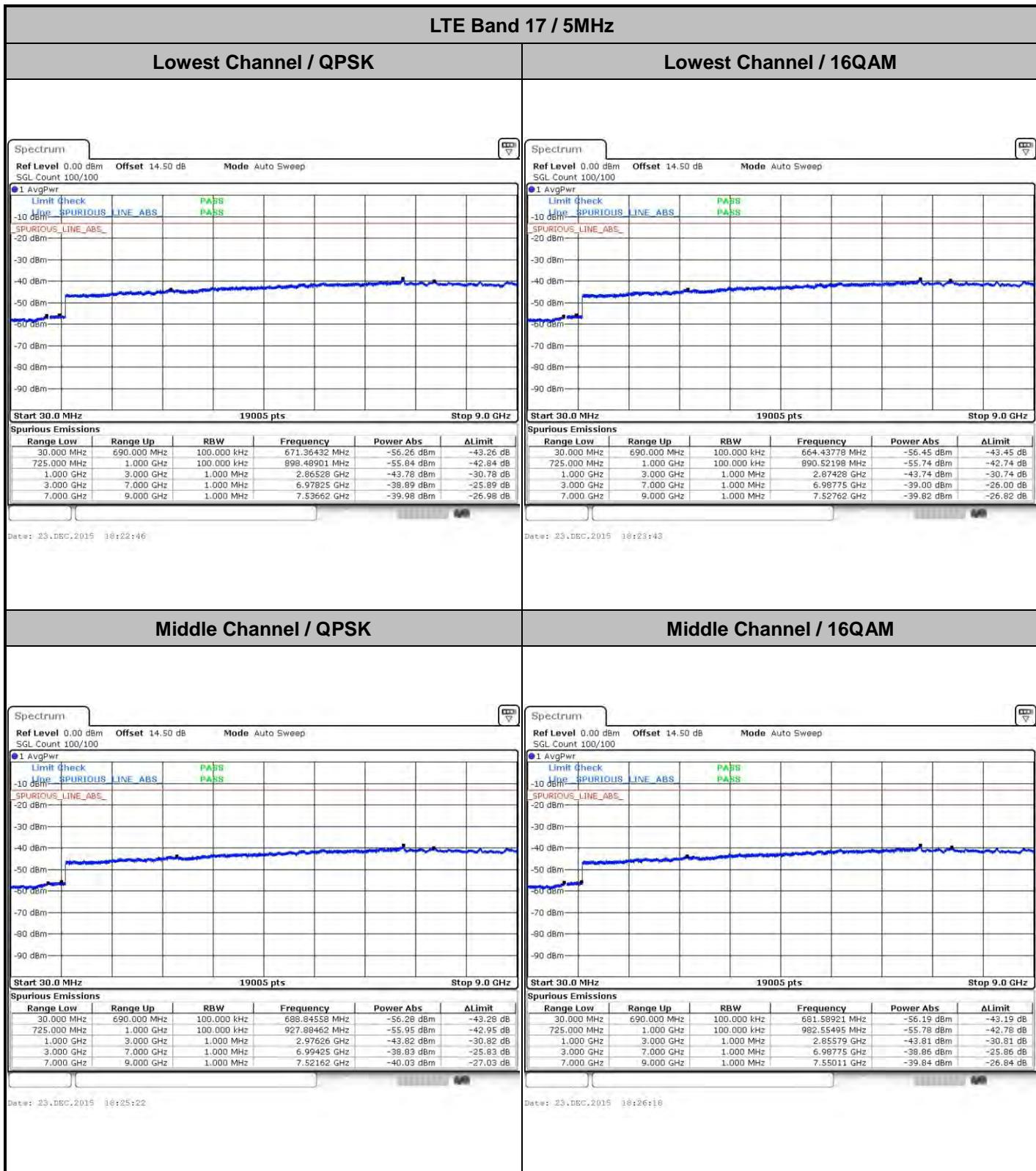
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK

## Lowest Channel / 16QAM





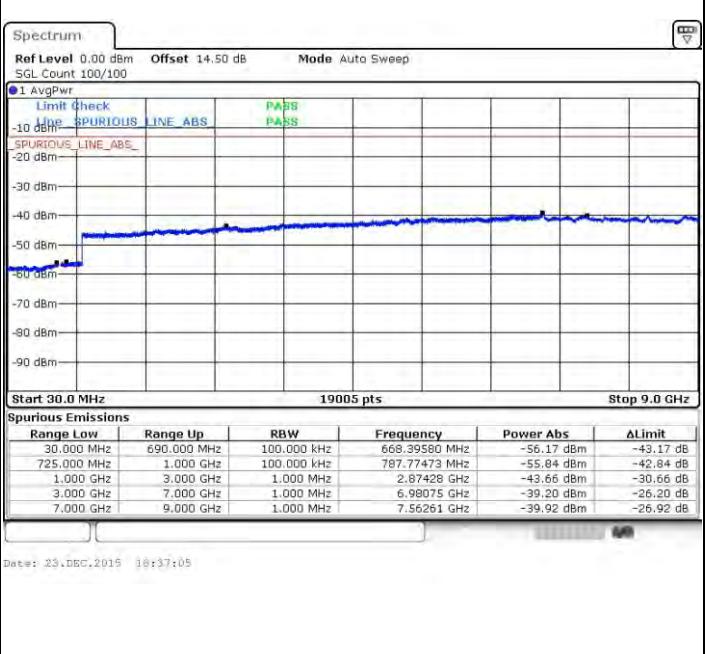
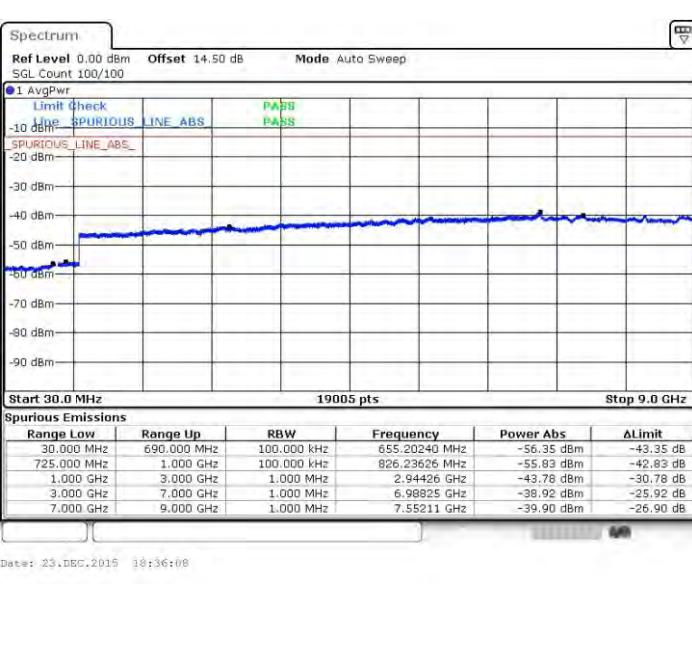




## LTE Band 17 / 5MHz

## Highest Channel / QPSK

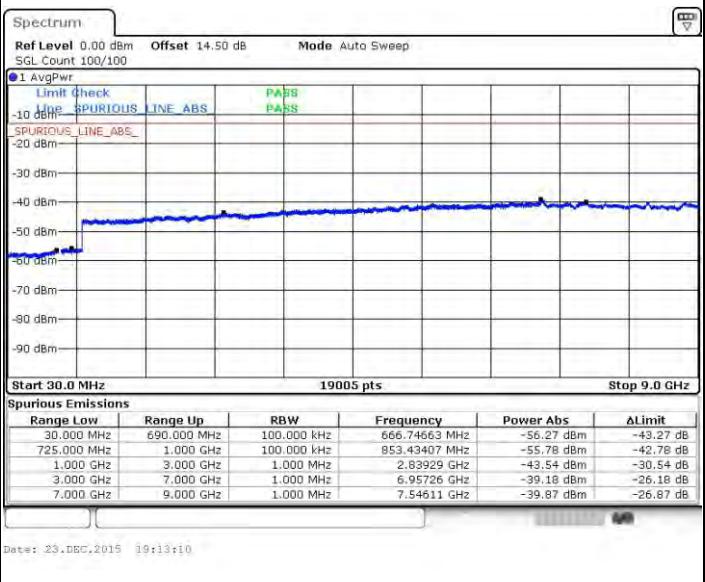
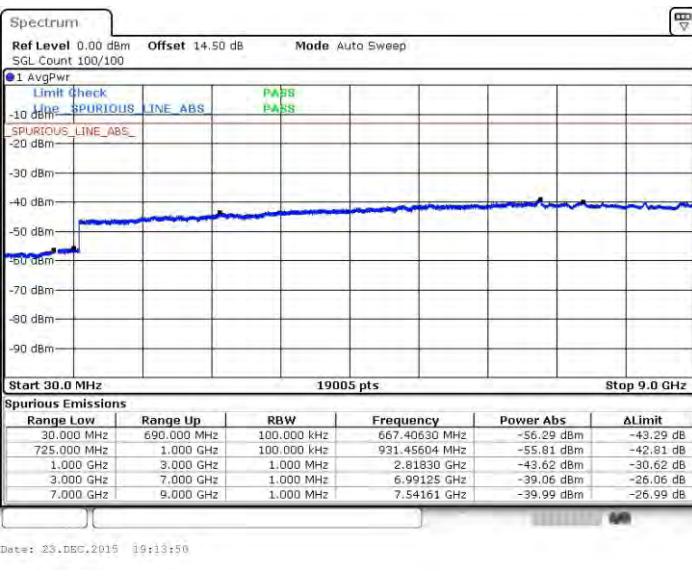
## Highest Channel / 16QAM

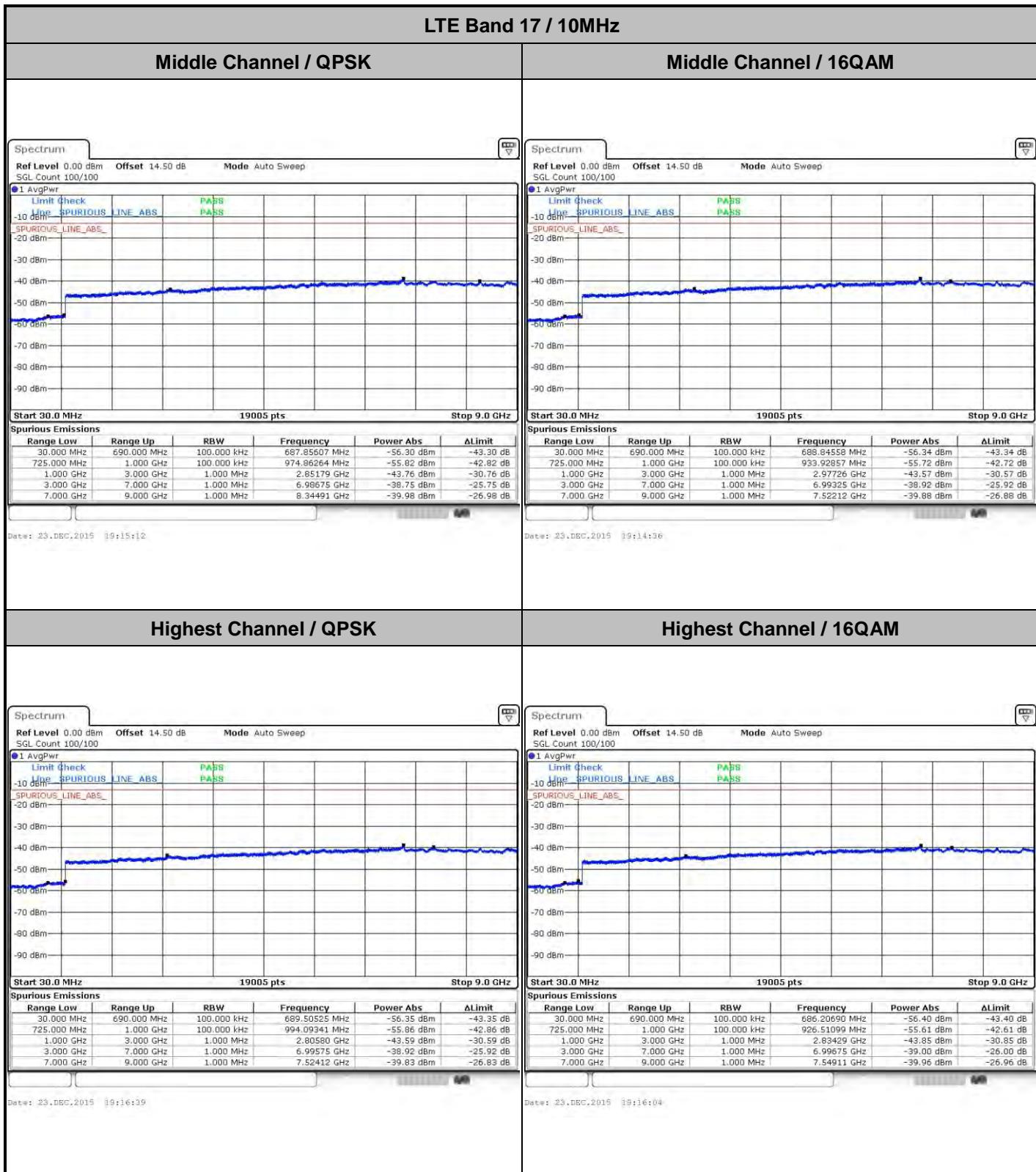


## LTE Band 17 / 10MHz

## 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    | 0.0021                             | PASS    |
| 40                  | Normal Voltage    | 0.0074                             |         |
| 30                  | Normal Voltage    | 0.0005                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0005                             |         |
| 0                   | Normal Voltage    | 0.0011                             |         |
| -10                 | Normal Voltage    | 0.0080                             |         |
| -20                 | Normal Voltage    | 0.0032                             |         |
| -30                 | Normal Voltage    | 0.0027                             |         |
| 20                  | Maximum Voltage   | 0.0011                             |         |
| 20                  | Normal Voltage    | 0.0000                             |         |
| 20                  | Battery End Point | 0.0011                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 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    | 0.0029                             | PASS    |
| 40                  | Normal Voltage    | 0.0017                             |         |
| 30                  | Normal Voltage    | 0.0098                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0098                             |         |
| 0                   | Normal Voltage    | 0.0023                             |         |
| -10                 | Normal Voltage    | 0.0017                             |         |
| -20                 | Normal Voltage    | 0.0006                             |         |
| -30                 | Normal Voltage    | 0.0035                             |         |
| 20                  | Maximum Voltage   | 0.0012                             |         |
| 20                  | Normal Voltage    | 0.0006                             |         |
| 20                  | Battery End Point | 0.0000                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 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 7 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation<br>(ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0118                             | PASS    |
| 40                  | Normal Voltage    | 0.0107                             |         |
| 30                  | Normal Voltage    | 0.0004                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0087                             |         |
| 0                   | Normal Voltage    | 0.0099                             |         |
| -10                 | Normal Voltage    | 0.0016                             |         |
| -20                 | Normal Voltage    | 0.0103                             |         |
| -30                 | Normal Voltage    | 0.0107                             |         |
| 20                  | Maximum Voltage   | 0.0110                             |         |
| 20                  | Normal Voltage    | 0.0099                             |         |
| 20                  | Battery End Point | 0.0095                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 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 12 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0212                              | PASS    |
| 40                  | Normal Voltage    | 0.0028                              |         |
| 30                  | Normal Voltage    | 0.0155                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0014                              |         |
| 0                   | Normal Voltage    | 0.0184                              |         |
| -10                 | Normal Voltage    | 0.0212                              |         |
| -20                 | Normal Voltage    | 0.0240                              |         |
| -30                 | Normal Voltage    | 0.0226                              |         |
| 20                  | Maximum Voltage   | 0.0198                              |         |
| 20                  | Normal Voltage    | 0.0170                              |         |
| 20                  | Battery End Point | 0.0198                              |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage = 4.35 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 17 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation<br>(ppm)                  | Result  |
| 50                  | Normal Voltage    | 0.0183                              | PASS    |
| 40                  | Normal Voltage    | 0.0014                              |         |
| 30                  | Normal Voltage    | 0.0169                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0127                              |         |
| 0                   | Normal Voltage    | 0.0155                              |         |
| -10                 | Normal Voltage    | 0.0183                              |         |
| -20                 | Normal Voltage    | 0.0197                              |         |
| -30                 | Normal Voltage    | 0.0028                              |         |
| 20                  | Maximum Voltage   | 0.0183                              |         |
| 20                  | Normal Voltage    | 0.0155                              |         |
| 20                  | Battery End Point | 0.0197                              |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.35 V
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      | 22.76      | 0.1888  | 22.84     |
| Middle                        |            | 3    | 0      | 22.37      | 0.1725  | 22.48     |
| Highest                       |            | 3    | 3      | 21.51      | 0.1415  | 21.57     |
| Lowest                        | 16QAM      | 1    | 3      | 21.25      | 0.1333  | 21.42     |
| Middle                        |            | 1    | 3      | 20.82      | 0.1209  | 21.09     |
| Highest                       |            | 1    | 3      | 19.86      | 0.0968  | 20.07     |
| 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      | 22.56      | 0.1804  | 22.68     |
| Middle                      |            | 1    | 8      | 22.15      | 0.1641  | 22.27     |
| Highest                     |            | 1    | 8      | 21.30      | 0.1349  | 21.40     |
| Lowest                      | 16QAM      | 1    | 8      | 21.25      | 0.1334  | 21.46     |
| Middle                      |            | 1    | 8      | 20.88      | 0.1225  | 21.14     |
| Highest                     |            | 1    | 8      | 19.97      | 0.0994  | 20.22     |
| 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     | 22.50      | 0.1777  | 22.72     | 0.1869  |
| Middle                      |            | 1    | 12     | 22.15      | 0.1642  | 22.35     | 0.1719  |
| Highest                     |            | 1    | 12     | 21.30      | 0.1348  | 21.45     | 0.1396  |
| Lowest                      | 16QAM      | 1    | 12     | 21.23      | 0.1326  | 21.47     | 0.1402  |
| Middle                      |            | 1    | 12     | 20.89      | 0.1227  | 21.14     | 0.1300  |
| Highest                     |            | 1    | 0      | 19.98      | 0.0995  | 20.25     | 0.1060  |
| 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    | 25     | 22.53      | 0.1793  | 22.49     | 0.1773  |
| Middle                       |            | 1    | 25     | 21.98      | 0.1579  | 22.01     | 0.1587  |
| Highest                      |            | 1    | 49     | 20.90      | 0.1231  | 21.20     | 0.1319  |
| Lowest                       | 16QAM      | 1    | 0      | 21.20      | 0.1319  | 21.68     | 0.1472  |
| Middle                       |            | 1    | 0      | 20.90      | 0.1231  | 21.42     | 0.1386  |
| Highest                      |            | 1    | 25     | 19.85      | 0.0965  | 20.33     | 0.1078  |
| 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      | 22.68      | 0.1852  | 22.60     | 0.1819  |
| Middle                       |            | 1    | 37     | 22.02      | 0.1593  | 22.05     | 0.1605  |
| Highest                      |            | 1    | 74     | 20.95      | 0.1243  | 21.27     | 0.1338  |
| Lowest                       | 16QAM      | 1    | 0      | 21.53      | 0.1422  | 21.72     | 0.1487  |
| Middle                       |            | 1    | 37     | 21.13      | 0.1297  | 21.37     | 0.1372  |
| Highest                      |            | 1    | 37     | 20.27      | 0.1063  | 20.68     | 0.1170  |
| 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      | 22.56      | 0.1804  | 22.76     | 0.1886  |
| Middle                       |            | 1    | 0      | 22.21      | 0.1665  | 22.45     | 0.1756  |
| Highest                      |            | 1    | 0      | 21.74      | 0.1491  | 22.02     | 0.1592  |
| Lowest                       | 16QAM      | 1    | 99     | 21.37      | 0.1372  | 21.53     | 0.1422  |
| Middle                       |            | 1    | 0      | 21.30      | 0.1349  | 21.51     | 0.1417  |
| Highest                      |            | 1    | 49     | 20.39      | 0.1095  | 20.75     | 0.1187  |
| 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      | 22.17      | 0.1649  | 19.82     | 0.0959  |
| Middle                        |            | 3    | 0      | 22.29      | 0.1694  | 20.33     | 0.1079  |
| Highest                       |            | 3    | 3      | 22.07      | 0.1610  | 20.20     | 0.1048  |
| Lowest                        | 16QAM      | 1    | 3      | 20.91      | 0.1234  | 18.60     | 0.0725  |
| Middle                        |            | 1    | 3      | 21.13      | 0.1297  | 19.17     | 0.0825  |
| Highest                       |            | 1    | 3      | 20.92      | 0.1237  | 19.07     | 0.0808  |
| 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      | 21.71      | 0.1484  | 19.87     | 0.0970  |
| Middle                      |            | 1    | 8      | 21.77      | 0.1505  | 20.29     | 0.1069  |
| Highest                     |            | 1    | 8      | 21.58      | 0.1439  | 20.25     | 0.1059  |
| Lowest                      | 16QAM      | 1    | 8      | 21.07      | 0.1279  | 18.70     | 0.0741  |
| Middle                      |            | 1    | 8      | 21.22      | 0.1323  | 19.19     | 0.0829  |
| Highest                     |            | 1    | 8      | 21.02      | 0.1265  | 19.08     | 0.0810  |
| 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     | 21.73      | 0.1490  | 19.88     | 0.0973  |
| Middle                      |            | 1    | 24     | 21.78      | 0.1505  | 20.21     | 0.1050  |
| Highest                     |            | 1    | 24     | 21.53      | 0.1422  | 20.27     | 0.1063  |
| Lowest                      | 16QAM      | 1    | 12     | 21.05      | 0.1273  | 18.56     | 0.0717  |
| Middle                      |            | 1    | 0      | 21.01      | 0.1261  | 19.11     | 0.0815  |
| Highest                     |            | 1    | 0      | 20.86      | 0.1219  | 19.12     | 0.0817  |
| 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    | 49     | 22.28      | 0.1692  | 19.52     | 0.0896  |
| Middle                      |            | 1    | 25     | 22.10      | 0.1621  | 19.76     | 0.0947  |
| Highest                     |            | 1    | 0      | 21.93      | 0.1559  | 19.85     | 0.0967  |
| Lowest                      | 16QAM      | 1    | 49     | 21.26      | 0.1335  | 18.89     | 0.0775  |
| Middle                      |            | 1    | 0      | 21.27      | 0.1338  | 18.97     | 0.0789  |
| Highest                     |            | 1    | 49     | 20.88      | 0.1225  | 19.40     | 0.0871  |
| 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      | 21.84      | 0.1527  | 19.95     | 0.0989  |
| Middle                       |            | 1    | 37     | 22.12      | 0.1631  | 20.20     | 0.1046  |
| Highest                      |            | 1    | 0      | 21.80      | 0.1515  | 20.29     | 0.1070  |
| Lowest                       | 16QAM      | 1    | 0      | 21.15      | 0.1303  | 18.70     | 0.0741  |
| Middle                       |            | 1    | 74     | 21.43      | 0.1390  | 19.13     | 0.0818  |
| Highest                      |            | 1    | 74     | 21.12      | 0.1293  | 19.05     | 0.0803  |
| 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      | 21.80      | 0.1515  | 19.95     | 0.0989  |
| Middle                       |            | 1    | 0      | 21.93      | 0.1560  | 20.12     | 0.1029  |
| Highest                      |            | 1    | 0      | 22.16      | 0.1644  | 19.95     | 0.0989  |
| Lowest                       | 16QAM      | 1    | 0      | 21.14      | 0.1301  | 18.68     | 0.0739  |
| Middle                       |            | 1    | 0      | 21.35      | 0.1364  | 18.95     | 0.0786  |
| Highest                      |            | 1    | 99     | 21.14      | 0.1301  | 19.01     | 0.0796  |
| 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     | 19.50      | 0.0891  | 19.76     | 0.0947  |
| Middle                      |            | 1    | 0      | 19.81      | 0.0957  | 19.65     | 0.0922  |
| Highest                     |            | 1    | 24     | 20.11      | 0.1026  | 20.21     | 0.1049  |
| Lowest                      | 16QAM      | 1    | 24     | 18.54      | 0.0715  | 18.57     | 0.0719  |
| Middle                      |            | 1    | 24     | 18.96      | 0.0787  | 18.77     | 0.0753  |
| Highest                     |            | 1    | 24     | 19.38      | 0.0868  | 19.45     | 0.0881  |
| 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     | 19.72      | 0.0938  | 19.64     | 0.0920  |
| Middle                       |            | 1    | 49     | 19.71      | 0.0936  | 19.47     | 0.0884  |
| Highest                      |            | 1    | 25     | 19.60      | 0.0911  | 19.68     | 0.0929  |
| Lowest                       | 16QAM      | 1    | 49     | 18.68      | 0.0737  | 18.57     | 0.0719  |
| Middle                       |            | 1    | 49     | 18.90      | 0.0777  | 18.71     | 0.0743  |
| Highest                      |            | 1    | 49     | 19.22      | 0.0836  | 19.30     | 0.0851  |
| 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     | 19.72      | 0.0938  | 19.65     | 0.0923  |
| Middle                       |            | 1    | 74     | 19.87      | 0.0970  | 19.72     | 0.0938  |
| Highest                      |            | 1    | 74     | 19.70      | 0.0934  | 19.76     | 0.0947  |
| Lowest                       | 16QAM      | 1    | 37     | 18.78      | 0.0755  | 18.57     | 0.0720  |
| Middle                       |            | 1    | 74     | 18.65      | 0.0732  | 18.45     | 0.0699  |
| Highest                      |            | 1    | 37     | 19.01      | 0.0796  | 19.11     | 0.0814  |
| 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     | 19.92      | 0.0982  | 19.70     | 0.0932  |
| Middle                       |            | 1    | 99     | 20.04      | 0.1009  | 19.82     | 0.0959  |
| Highest                      |            | 1    | 99     | 20.03      | 0.1006  | 20.08     | 0.1019  |
| Lowest                       | 16QAM      | 1    | 49     | 18.60      | 0.0724  | 18.46     | 0.0702  |
| Middle                       |            | 1    | 99     | 18.76      | 0.0751  | 18.70     | 0.0741  |
| Highest                      |            | 1    | 0      | 18.80      | 0.0759  | 18.79     | 0.0757  |
| 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      | 17.93      | 0.0620 | 7.47     | 0.0056 |
| Middle                         |            | 3    | 3      | 18.88      | 0.0773 | 8.87     | 0.0077 |
| Highest                        |            | 3    | 3      | 18.68      | 0.0737 | 8.66     | 0.0073 |
| Lowest                         | 16QAM      | 1    | 3      | 17.20      | 0.0524 | 6.77     | 0.0047 |
| Middle                         |            | 1    | 3      | 18.16      | 0.0654 | 8.09     | 0.0064 |
| Highest                        |            | 1    | 3      | 17.78      | 0.0600 | 7.78     | 0.0060 |
| 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      | 17.88      | 0.0614 | 7.46     | 0.0056 |
| Middle                       |            | 1    | 8      | 18.78      | 0.0755 | 8.67     | 0.0074 |
| Highest                      |            | 1    | 8      | 18.53      | 0.0712 | 8.51     | 0.0071 |
| Lowest                       | 16QAM      | 1    | 0      | 17.27      | 0.0534 | 6.91     | 0.0049 |
| Middle                       |            | 1    | 14     | 18.10      | 0.0646 | 8.08     | 0.0064 |
| Highest                      |            | 1    | 0      | 17.87      | 0.0613 | 7.87     | 0.0061 |
| 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    | 24     | 18.37      | 0.0688 | 8.56     | 0.0072 |
| Middle                       |            | 1    | 12     | 18.75      | 0.0750 | 9.03     | 0.0080 |
| Highest                      |            | 1    | 24     | 18.38      | 0.0689 | 8.78     | 0.0076 |
| Lowest                       | 16QAM      | 1    | 24     | 17.67      | 0.0585 | 7.87     | 0.0061 |
| Middle                       |            | 1    | 24     | 18.00      | 0.0631 | 8.35     | 0.0068 |
| Highest                      |            | 1    | 0      | 18.04      | 0.0636 | 8.42     | 0.0069 |
| 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    | 49     | 18.72      | 0.0745 | 9.11     | 0.0081 |
| Middle                        |            | 1    | 49     | 18.70      | 0.0742 | 9.06     | 0.0081 |
| Highest                       |            | 1    | 49     | 18.40      | 0.0692 | 8.82     | 0.0076 |
| Lowest                        | 16QAM      | 1    | 49     | 17.97      | 0.0626 | 8.39     | 0.0069 |
| Middle                        |            | 1    | 25     | 17.94      | 0.0622 | 8.32     | 0.0068 |
| Highest                       |            | 1    | 49     | 17.94      | 0.0622 | 8.29     | 0.0067 |
| 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    | 12     | 18.58      | 0.0721 | 6.20     | 0.0042 |
| Middle                       |            | 1    | 12     | 19.01      | 0.0797 | 6.88     | 0.0049 |
| Highest                      |            | 1    | 12     | 19.25      | 0.0841 | 7.25     | 0.0053 |
| Lowest                       | 16QAM      | 1    | 12     | 17.85      | 0.0609 | 5.99     | 0.0040 |
| Middle                       |            | 1    | 0      | 18.17      | 0.0657 | 6.51     | 0.0045 |
| Highest                      |            | 1    | 12     | 18.45      | 0.0700 | 6.92     | 0.0049 |
| 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    | 49     | 19.22      | 0.0836 | 7.23     | 0.0053 |
| Middle                        |            | 1    | 49     | 19.28      | 0.0846 | 7.32     | 0.0054 |
| Highest                       |            | 1    | 49     | 19.29      | 0.0849 | 7.42     | 0.0055 |
| Lowest                        | 16QAM      | 1    | 49     | 18.01      | 0.0632 | 6.29     | 0.0043 |
| Middle                        |            | 1    | 0      | 18.47      | 0.0704 | 6.91     | 0.0049 |
| Highest                       |            | 1    | 49     | 18.53      | 0.0712 | 7.08     | 0.0051 |
| 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           | -54.24       | -13           | -41.24            | -65.49            | -65.97             | 0.87                 | 12.60                 | H                  |
|   | 5550.48           | -35.95       | -13           | -22.95            | -52.74            | -47.98             | 1.07                 | 13.10                 | H                  |
|   | 7400.64           | -45.00       | -13           | -32.00            | -63.32            | -54.61             | 1.69                 | 11.30                 | H                  |
|   | 3700.32           | -52.22       | -13           | -39.22            | -64.69            | -63.95             | 0.87                 | 12.60                 | V                  |
|   | 5550.48           | -35.19       | -13           | -22.19            | -52.58            | -47.22             | 1.07                 | 13.10                 | V                  |
|   | 7400.64           | -42.78       | -13           | -29.78            | -61               | -52.39             | 1.69                 | 11.30                 | V                  |
| Middle  | 3758.92           | -52.16       | -13           | -39.16            | -63.41            | -63.89             | 0.87                 | 12.60                 | H                  |
|   | 5638.38           | -39.56       | -13           | -26.56            | -55.69            | -51.59             | 1.07                 | 13.10                 | H                  |
|   | 7517.84           | -49.82       | -13           | -36.82            | -68.14            | -59.43             | 1.69                 | 11.30                 | H                  |
|   | 3758.92           | -48.59       | -13           | -35.59            | -61.06            | -60.32             | 0.87                 | 12.60                 | V                  |
|   | 5638.38           | -39.54       | -13           | -26.54            | -55.93            | -51.57             | 1.07                 | 13.10                 | V                  |
|   | 7517.84           | -47.98       | -13           | -34.98            | -66.2             | -57.59             | 1.69                 | 11.30                 | V                  |
| Highest   | 3817.52           | -50.41       | -13           | -37.41            | -61.66            | -62.14             | 0.87                 | 12.60                 | H                  |
|   | 5726.28           | -41.93       | -13           | -28.93            | -57.81            | -53.96             | 1.07                 | 13.10                 | H                  |
|   | 7635.04           | -44.55       | -13           | -31.55            | -62.87            | -54.16             | 1.69                 | 11.30                 | H                  |
|   | 3817.52           | -48.98       | -13           | -35.98            | -61.45            | -60.71             | 0.87                 | 12.60                 | V                  |
|   | 5726.28           | -40.51       | -13           | -27.51            | -56.83            | -52.54             | 1.07                 | 13.10                 | V                  |
|   | 7635.04           | -42.13       | -13           | -29.13            | -60.35            | -51.74             | 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           | -53.07       | -13           | -40.07            | -64.32            | -64.80             | 0.87                 | 12.60                 | H                  |
|   | 5550.72           | -34.61       | -13           | -21.61            | -51.82            | -46.64             | 1.07                 | 13.10                 | H                  |
|   | 7400.96           | -46.63       | -13           | -33.63            | -64.95            | -56.24             | 1.69                 | 11.30                 | H                  |
|   | 3700.48           | -52.66       | -13           | -39.66            | -65.13            | -64.39             | 0.87                 | 12.60                 | V                  |
|   | 5550.72           | -35.46       | -13           | -22.46            | -52.85            | -47.49             | 1.07                 | 13.10                 | V                  |
|   | 7400.96           | -42.94       | -13           | -29.94            | -61.16            | -52.55             | 1.69                 | 11.30                 | V                  |
| Middle  | 3758.92           | -51.93       | -13           | -38.93            | -63.18            | -63.66             | 0.87                 | 12.60                 | H                  |
|   | 5638.38           | -38.74       | -13           | -25.74            | -55.20            | -50.77             | 1.07                 | 13.10                 | H                  |
|   | 7517.84           | -48.27       | -13           | -35.27            | -66.59            | -57.88             | 1.69                 | 11.30                 | H                  |
|   | 3758.92           | -48.80       | -13           | -35.80            | -61.27            | -60.53             | 0.87                 | 12.60                 | V                  |
|   | 5638.38           | -38.06       | -13           | -25.06            | -54.86            | -50.09             | 1.07                 | 13.10                 | V                  |
|   | 7517.84           | -48.18       | -13           | -35.18            | -66.4             | -57.79             | 1.69                 | 11.30                 | V                  |
| Highest                                       | 3814.48           | -50.54       | -13           | -37.54            | -61.79            | -62.27             | 0.87                 | 12.60                 | H                  |
|   | 5721.72           | -41.21       | -13           | -28.21            | -57.09            | -53.24             | 1.07                 | 13.10                 | H                  |
|   | 7628.96           | -46.26       | -13           | -33.26            | -64.58            | -55.87             | 1.69                 | 11.30                 | H                  |
|   | 3814.48           | -47.87       | -13           | -34.87            | -60.34            | -59.60             | 0.87                 | 12.60                 | V                  |
|   | 5721.72           | -39.13       | -13           | -26.13            | -55.58            | -51.16             | 1.07                 | 13.10                 | V                  |
|   | 7628.96           | -43.90       | -13           | -30.90            | -62.12            | -53.51             | 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           | -53.67       | -13           | -40.67            | -64.92            | -65.40             | 0.87                 | 12.60                 | H                  |
|   | 5551.02           | -34.53       | -13           | -21.53            | -51.76            | -46.56             | 1.07                 | 13.10                 | H                  |
|   | 7401.36           | -44.55       | -13           | -31.55            | -62.87            | -54.16             | 1.69                 | 11.30                 | H                  |
|   | 3700.68           | -51.61       | -13           | -38.61            | -64.08            | -63.34             | 0.87                 | 12.60                 | V                  |
|   | 5551.02           | -35.57       | -13           | -22.57            | -52.96            | -47.60             | 1.07                 | 13.10                 | V                  |
|   | 7401.36           | -42.78       | -13           | -29.78            | -61               | -52.39             | 1.69                 | 11.30                 | V                  |
| Middle  | 3755.68           | -51.40       | -13           | -38.40            | -62.65            | -63.13             | 0.87                 | 12.60                 | H                  |
|   | 5633.52           | -38.92       | -13           | -25.92            | -55.37            | -50.95             | 1.07                 | 13.10                 | H                  |
|   | 7511.36           | -47.80       | -13           | -34.80            | -66.12            | -57.41             | 1.69                 | 11.30                 | H                  |
|   | 3755.68           | -48.08       | -13           | -35.08            | -60.55            | -59.81             | 0.87                 | 12.60                 | V                  |
|   | 5633.52           | -37.67       | -13           | -24.67            | -54.52            | -49.70             | 1.07                 | 13.10                 | V                  |
|   | 7511.36           | -46.76       | -13           | -33.76            | -64.98            | -56.37             | 1.69                 | 11.30                 | V                  |
| Highest                                       | 3814.48           | -50.52       | -13           | -37.52            | -61.77            | -62.25             | 0.87                 | 12.60                 | H                  |
|   | 5721.72           | -41.34       | -13           | -28.34            | -57.22            | -53.37             | 1.07                 | 13.10                 | H                  |
|   | 7628.96           | -48.28       | -13           | -35.28            | -66.60            | -57.89             | 1.69                 | 11.30                 | H                  |
|   | 3814.48           | -47.41       | -13           | -34.41            | -59.88            | -59.14             | 0.87                 | 12.60                 | V                  |
|   | 5721.72           | -39.40       | -13           | -26.40            | -55.81            | -51.43             | 1.07                 | 13.10                 | V                  |
|   | 7628.96           | -49.22       | -13           | -36.22            | -67.44            | -58.83             | 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           | -53.66       | -13           | -40.66            | -64.91            | -65.39             | 0.87                 | 12.60                 | H                  |
|  | 5551.77           | -35.98       | -13           | -22.98            | -52.76            | -48.01             | 1.07                 | 13.10                 | H                  |
|  | 7402.36           | -45.59       | -13           | -32.59            | -63.91            | -55.20             | 1.69                 | 11.30                 | H                  |
|  | 3701.18           | -50.24       | -13           | -37.24            | -62.71            | -61.97             | 0.87                 | 12.60                 | V                  |
|  | 5551.77           | -34.86       | -13           | -21.86            | -52.3             | -46.89             | 1.07                 | 13.10                 | V                  |
|  | 7402.36           | -41.76       | -13           | -28.76            | -59.98            | -51.37             | 1.69                 | 11.30                 | V                  |
| Middle   | 3751.18           | -51.36       | -13           | -38.36            | -62.61            | -63.09             | 0.87                 | 12.60                 | H                  |
|  | 5626.77           | -38.52       | -13           | -25.52            | -54.98            | -50.55             | 1.07                 | 13.10                 | H                  |
|  | 7502.36           | -48.60       | -13           | -35.60            | -66.92            | -58.21             | 1.69                 | 11.30                 | H                  |
|  | 3751.18           | -48.62       | -13           | -35.62            | -61.09            | -60.35             | 0.87                 | 12.60                 | V                  |
|  | 5626.77           | -36.36       | -13           | -23.36            | -53.58            | -48.39             | 1.07                 | 13.10                 | V                  |
|  | 7502.36           | -47.60       | -13           | -34.60            | -65.82            | -57.21             | 1.69                 | 11.30                 | V                  |
| Highest  | 3801.18           | -49.93       | -13           | -36.93            | -61.18            | -61.66             | 0.87                 | 12.60                 | H                  |
|  | 5701.77           | -40.08       | -13           | -27.08            | -55.96            | -52.11             | 1.07                 | 13.10                 | H                  |
|  | 7602.36           | -49.90       | -13           | -36.90            | -68.22            | -59.51             | 1.69                 | 11.30                 | H                  |
|  | 3801.18           | -45.60       | -13           | -32.60            | -58.07            | -57.33             | 0.87                 | 12.60                 | V                  |
|  | 5701.77           | -37.97       | -13           | -24.97            | -54.79            | -50.00             | 1.07                 | 13.10                 | V                  |
|  | 7602.36           | -47.96       | -13           | -34.96            | -66.18            | -57.57             | 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           | -53.74       | -13           | -40.74            | -64.99            | -65.47             | 0.87                 | 12.60                 | H                  |
|  | 5552.52           | -35.74       | -13           | -22.74            | -52.61            | -47.77             | 1.07                 | 13.10                 | H                  |
|  | 7403.36           | -45.15       | -13           | -32.15            | -63.47            | -54.76             | 1.69                 | 11.30                 | H                  |
|  | 3701.68           | -52.89       | -13           | -39.89            | -65.36            | -64.62             | 0.87                 | 12.60                 | V                  |
|  | 5552.52           | -35.36       | -13           | -22.36            | -52.75            | -47.39             | 1.07                 | 13.10                 | V                  |
|  | 7403.36           | -41.75       | -13           | -28.75            | -59.97            | -51.36             | 1.69                 | 11.30                 | V                  |
| Middle   | 3746.68           | -50.65       | -13           | -37.65            | -61.90            | -62.38             | 0.87                 | 12.60                 | H                  |
|  | 5620.02           | -38.11       | -13           | -25.11            | -54.59            | -50.14             | 1.07                 | 13.10                 | H                  |
|  | 7493.36           | -49.37       | -13           | -36.37            | -67.69            | -58.98             | 1.69                 | 11.30                 | H                  |
|  | 3746.68           | -47.46       | -13           | -34.46            | -59.93            | -59.19             | 0.87                 | 12.60                 | V                  |
|  | 5620.02           | -36.62       | -13           | -23.62            | -53.72            | -48.65             | 1.07                 | 13.10                 | V                  |
|  | 7493.36           | -48.10       | -13           | -35.10            | -66.32            | -57.71             | 1.69                 | 11.30                 | V                  |
| Highest  | 3791.68           | -49.13       | -13           | -36.13            | -60.38            | -60.86             | 0.87                 | 12.60                 | H                  |
|  | 5687.52           | -38.21       | -13           | -25.21            | -54.68            | -50.24             | 1.07                 | 13.10                 | H                  |
|  | 7583.36           | -47.74       | -13           | -34.74            | -66.06            | -57.35             | 1.69                 | 11.30                 | H                  |
|  | 3791.68           | -46.78       | -13           | -33.78            | -59.25            | -58.51             | 0.87                 | 12.60                 | V                  |
|  | 5687.52           | -36.40       | -13           | -23.40            | -53.6             | -48.43             | 1.07                 | 13.10                 | V                  |
|  | 7583.36           | -46.02       | -13           | -33.02            | -64.24            | -55.63             | 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           | -53.10       | -13           | -40.10            | -64.35            | -64.83             | 0.87                 | 12.60                 | H                  |
|  | 5553.27           | -34.59       | -13           | -21.59            | -51.81            | -46.62             | 1.07                 | 13.10                 | H                  |
|  | 7404.36           | -45.77       | -13           | -32.77            | -64.09            | -55.38             | 1.69                 | 11.30                 | H                  |
|  | 3702.18           | -52.53       | -13           | -39.53            | -65               | -64.26             | 0.87                 | 12.60                 | V                  |
|  | 5553.27           | -34.97       | -13           | -21.97            | -52.37            | -47.00             | 1.07                 | 13.10                 | V                  |
|  | 7404.36           | -42.24       | -13           | -29.24            | -60.46            | -51.85             | 1.69                 | 11.30                 | V                  |
| Middle   | 3742.18           | -50.23       | -13           | -37.23            | -61.48            | -61.96             | 0.87                 | 12.60                 | H                  |
|  | 5613.27           | -36.42       | -13           | -23.42            | -53.27            | -48.45             | 1.07                 | 13.10                 | H                  |
|  | 7484.36           | -48.86       | -13           | -35.86            | -67.18            | -58.47             | 1.69                 | 11.30                 | H                  |
|  | 3742.18           | -47.52       | -13           | -34.52            | -59.99            | -59.25             | 0.87                 | 12.60                 | V                  |
|  | 5613.27           | -34.14       | -13           | -21.14            | -51.81            | -46.17             | 1.07                 | 13.10                 | V                  |
|  | 7484.36           | -48.55       | -13           | -35.55            | -66.77            | -58.16             | 1.69                 | 11.30                 | V                  |
| Highest  | 3782.18           | -51.82       | -13           | -38.82            | -63.07            | -63.55             | 0.87                 | 12.60                 | H                  |
|  | 5673.27           | -40.32       | -13           | -27.32            | -56.20            | -52.35             | 1.07                 | 13.10                 | H                  |
|  | 7564.36           | -46.42       | -13           | -33.42            | -64.74            | -56.03             | 1.69                 | 11.30                 | H                  |
|  | 3782.18           | -49.16       | -13           | -36.16            | -61.63            | -60.89             | 0.87                 | 12.60                 | V                  |
|  | 5673.27           | -37.86       | -13           | -24.86            | -54.69            | -49.89             | 1.07                 | 13.10                 | V                  |
|  | 7564.36           | -43.70       | -13           | -30.70            | -61.92            | -53.31             | 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           | -43.65       | -13           | -30.65            | -55.45            | -55.40             | 0.85                 | 12.60                 | H                  |
|   | 5130.48           | -48.52       | -13           | -35.52            | -64.39            | -60.27             | 0.95                 | 12.70                 | H                  |
|   | 6840.64           | -49.41       | -13           | -36.41            | -66.04            | -59.93             | 1.18                 | 11.70                 | H                  |
|   | 3420.32           | -47.57       | -13           | -34.57            | -57.8             | -59.36             | 0.81                 | 12.60                 | V                  |
|   | 5130.48           | -52.62       | -13           | -39.62            | -65.22            | -64.37             | 0.95                 | 12.70                 | V                  |
|   | 6840.64           | -49.93       | -13           | -36.93            | -67.11            | -60.50             | 1.13                 | 11.70                 | V                  |
| Middle  | 3463.74           | -45.55       | -13           | -32.55            | -57.35            | -57.30             | 0.85                 | 12.60                 | H                  |
|   | 5195.61           | -44.08       | -13           | -31.08            | -59.95            | -55.83             | 0.95                 | 12.70                 | H                  |
|   | 6927.48           | -49.87       | -13           | -36.87            | -66.50            | -60.39             | 1.18                 | 11.70                 | H                  |
|   | 3463.74           | -49.30       | -13           | -36.30            | -59.53            | -61.09             | 0.81                 | 12.60                 | V                  |
|   | 5195.61           | -48.23       | -13           | -35.23            | -60.83            | -59.98             | 0.95                 | 12.70                 | V                  |
|   | 6927.48           | -50.42       | -13           | -37.42            | -67.6             | -60.99             | 1.13                 | 11.70                 | V                  |
| Highest   | 3507.52           | -51.89       | -13           | -38.89            | -63.69            | -63.64             | 0.85                 | 12.60                 | H                  |
|   | 5261.28           | -40.99       | -13           | -27.99            | -56.86            | -52.74             | 0.95                 | 12.70                 | H                  |
|   | 7015.04           | -50.26       | -13           | -37.26            | -66.89            | -60.78             | 1.18                 | 11.70                 | H                  |
|   | 3507.52           | -53.15       | -13           | -40.15            | -63.38            | -64.94             | 0.81                 | 12.60                 | V                  |
|   | 5261.28           | -45.00       | -13           | -32.00            | -58.75            | -56.75             | 0.95                 | 12.70                 | V                  |
|   | 7015.04           | -50.35       | -13           | -37.35            | -67.53            | -60.92             | 1.13                 | 11.70                 | 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           | -44.06       | -13           | -31.06            | -55.86            | -55.81             | 0.85                 | 12.60                 | H                  |
|   | 5130.72           | -47.69       | -13           | -34.69            | -63.56            | -59.44             | 0.95                 | 12.70                 | H                  |
|   | 6840.96           | -48.82       | -13           | -35.82            | -65.45            | -59.34             | 1.18                 | 11.70                 | H                  |
|   | 3420.48           | -47.27       | -13           | -34.27            | -57.5             | -59.06             | 0.81                 | 12.60                 | V                  |
|   | 5130.72           | -52.50       | -13           | -39.50            | -65.1             | -64.25             | 0.95                 | 12.70                 | V                  |
|   | 6840.96           | -49.07       | -13           | -36.07            | -66.25            | -59.64             | 1.13                 | 11.70                 | V                  |
| Middle  | 3462.3            | -45.93       | -13           | -32.93            | -57.73            | -57.68             | 0.85                 | 12.60                 | H                  |
|   | 5193.45           | -44.88       | -13           | -31.88            | -60.75            | -56.63             | 0.95                 | 12.70                 | H                  |
|   | 6924.6            | -49.89       | -13           | -36.89            | -66.52            | -60.41             | 1.18                 | 11.70                 | H                  |
|   | 3462.3            | -46.69       | -13           | -33.69            | -56.92            | -58.48             | 0.81                 | 12.60                 | V                  |
|   | 5193.45           | -49.32       | -13           | -36.32            | -61.92            | -61.07             | 0.95                 | 12.70                 | V                  |
|   | 6924.6            | -50.24       | -13           | -37.24            | -67.42            | -60.81             | 1.13                 | 11.70                 | V                  |
| Highest                                       | 3504.48           | -50.96       | -13           | -37.96            | -62.76            | -62.71             | 0.85                 | 12.60                 | H                  |
|   | 5256.72           | -42.53       | -13           | -29.53            | -58.40            | -54.28             | 0.95                 | 12.70                 | H                  |
|   | 7008.96           | -50.18       | -13           | -37.18            | -66.81            | -60.70             | 1.18                 | 11.70                 | H                  |
|   | 3504.48           | -52.25       | -13           | -39.25            | -62.48            | -64.04             | 0.81                 | 12.60                 | V                  |
|   | 5256.72           | -46.53       | -13           | -33.53            | -59.38            | -58.28             | 0.95                 | 12.70                 | V                  |
|   | 7008.96           | -50.03       | -13           | -37.03            | -67.21            | -60.60             | 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           | -43.99       | -13           | -30.99            | -55.79            | -55.74             | 0.85                 | 12.60                 | H                  |
|   | 5131.02           | -48.90       | -13           | -35.90            | -64.77            | -60.65             | 0.95                 | 12.70                 | H                  |
|   | 6841.36           | -50.21       | -13           | -37.21            | -66.84            | -60.73             | 1.18                 | 11.70                 | H                  |
|   | 3420.68           | -47.04       | -13           | -34.04            | -57.27            | -58.83             | 0.81                 | 12.60                 | V                  |
|   | 5131.02           | -51.81       | -13           | -38.81            | -64.41            | -63.56             | 0.95                 | 12.70                 | V                  |
|   | 6841.36           | -50.16       | -13           | -37.16            | -67.34            | -60.73             | 1.13                 | 11.70                 | V                  |
| Middle  | 3460.68           | -46.49       | -13           | -33.49            | -58.29            | -58.24             | 0.85                 | 12.60                 | H                  |
|   | 5191.02           | -45.81       | -13           | -32.81            | -61.68            | -57.56             | 0.95                 | 12.70                 | H                  |
|   | 6921.36           | -49.88       | -13           | -36.88            | -66.51            | -60.40             | 1.18                 | 11.70                 | H                  |
|   | 3460.68           | -49.39       | -13           | -36.39            | -59.62            | -61.18             | 0.81                 | 12.60                 | V                  |
|   | 5191.02           | -48.63       | -13           | -35.63            | -61.23            | -60.38             | 0.95                 | 12.70                 | V                  |
|   | 6921.36           | -50.97       | -13           | -37.97            | -68.15            | -61.54             | 1.13                 | 11.70                 | V                  |
| Highest                                       | 3500.68           | -50.13       | -13           | -37.13            | -61.93            | -61.88             | 0.85                 | 12.60                 | H                  |
|   | 5251.02           | -45.10       | -13           | -32.10            | -60.97            | -56.85             | 0.95                 | 12.70                 | H                  |
|   | 7001.36           | -51.11       | -13           | -38.11            | -67.74            | -61.63             | 1.18                 | 11.70                 | H                  |
|   | 3500.68           | -53.65       | -13           | -40.65            | -63.88            | -65.44             | 0.81                 | 12.60                 | V                  |
|   | 5251.02           | -47.04       | -13           | -34.04            | -59.64            | -58.79             | 0.95                 | 12.70                 | V                  |
|   | 7001.36           | -51.00       | -13           | -38.00            | -68.18            | -61.57             | 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           | -42.40       | -13           | -29.40            | -54.20            | -54.15             | 0.85                 | 12.60                 | H                  |
|  | 5131.77           | -49.02       | -13           | -36.02            | -64.89            | -60.77             | 0.95                 | 12.70                 | H                  |
|  | 6842.36           | -50.43       | -13           | -37.43            | -67.06            | -60.95             | 1.18                 | 11.70                 | H                  |
|  | 3421.18           | -47.36       | -13           | -34.36            | -57.59            | -59.15             | 0.81                 | 12.60                 | V                  |
|  | 5131.77           | -50.76       | -13           | -37.76            | -63.36            | -62.51             | 0.95                 | 12.70                 | V                  |
|  | 6842.36           | -51.14       | -13           | -38.14            | -68.32            | -61.71             | 1.13                 | 11.70                 | V                  |
| Middle   | 3456.18           | -45.17       | -13           | -32.17            | -56.97            | -56.92             | 0.85                 | 12.60                 | H                  |
|  | 5184.27           | -45.91       | -13           | -32.91            | -61.78            | -57.66             | 0.95                 | 12.70                 | H                  |
|  | 6912.36           | -50.58       | -13           | -37.58            | -67.21            | -61.10             | 1.18                 | 11.70                 | H                  |
|  | 3456.18           | -48.40       | -13           | -35.40            | -58.63            | -60.19             | 0.81                 | 12.60                 | V                  |
|  | 5184.27           | -48.99       | -13           | -35.99            | -61.59            | -60.74             | 0.95                 | 12.70                 | V                  |
|  | 6912.36           | -51.49       | -13           | -38.49            | -68.67            | -62.06             | 1.13                 | 11.70                 | V                  |
| Highest  | 3491.18           | -47.84       | -13           | -34.84            | -59.64            | -59.59             | 0.85                 | 12.60                 | H                  |
|  | 5236.77           | -44.68       | -13           | -31.68            | -60.55            | -56.43             | 0.95                 | 12.70                 | H                  |
|  | 6982.36           | -49.82       | -13           | -36.82            | -66.45            | -60.34             | 1.18                 | 11.70                 | H                  |
|  | 3491.18           | -52.12       | -13           | -39.12            | -62.35            | -63.91             | 0.81                 | 12.60                 | V                  |
|  | 5236.77           | -47.78       | -13           | -34.78            | -60.38            | -59.53             | 0.95                 | 12.70                 | V                  |
|  | 6982.36           | -50.97       | -13           | -37.97            | -68.15            | -61.54             | 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           | -45.21       | -13           | -32.21            | -57.01            | -56.96             | 0.85                 | 12.60                 | H                  |
|  | 5132.52           | -48.12       | -13           | -35.12            | -63.99            | -59.87             | 0.95                 | 12.70                 | H                  |
|  | 6843.36           | -49.68       | -13           | -36.68            | -66.31            | -60.20             | 1.18                 | 11.70                 | H                  |
|  | 3421.68           | -47.03       | -13           | -34.03            | -57.26            | -58.82             | 0.81                 | 12.60                 | V                  |
|  | 5132.52           | -49.57       | -13           | -36.57            | -62.17            | -61.32             | 0.95                 | 12.70                 | V                  |
|  | 6843.36           | -49.31       | -13           | -36.31            | -66.49            | -59.88             | 1.13                 | 11.70                 | V                  |
| Middle   | 3451.68           | -43.08       | -13           | -30.08            | -54.88            | -54.83             | 0.85                 | 12.60                 | H                  |
|  | 5177.52           | -40.68       | -13           | -27.68            | -56.55            | -52.43             | 0.95                 | 12.70                 | H                  |
|  | 6903.36           | -49.88       | -13           | -36.88            | -66.51            | -60.40             | 1.18                 | 11.70                 | H                  |
|  | 3451.68           | -47.56       | -13           | -34.56            | -57.79            | -59.35             | 0.81                 | 12.60                 | V                  |
|  | 5177.52           | -41.11       | -13           | -28.11            | -56.45            | -52.86             | 0.95                 | 12.70                 | V                  |
|  | 6903.36           | -50.37       | -13           | -37.37            | -67.55            | -60.94             | 1.13                 | 11.70                 | V                  |
| Highest  | 3481.68           | -46.01       | -13           | -33.01            | -57.81            | -57.76             | 0.85                 | 12.60                 | H                  |
|  | 5222.52           | -45.79       | -13           | -32.79            | -61.66            | -57.54             | 0.95                 | 12.70                 | H                  |
|  | 6963.36           | -50.34       | -13           | -37.34            | -66.97            | -60.86             | 1.18                 | 11.70                 | H                  |
|  | 3481.68           | -50.23       | -13           | -37.23            | -60.46            | -62.02             | 0.81                 | 12.60                 | V                  |
|  | 5222.52           | -48.03       | -13           | -35.03            | -60.63            | -59.78             | 0.95                 | 12.70                 | V                  |
|  | 6963.36           | -50.57       | -13           | -37.57            | -67.75            | -61.14             | 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           | -45.06       | -13           | -32.06            | -56.86              | -56.81             | 0.85                 | 12.60                   | H                    |
|  | 5133.27           | -47.90       | -13           | -34.90            | -63.77              | -59.65             | 0.95                 | 12.70                   | H                    |
|  | 6844.36           | -50.44       | -13           | -37.44            | -67.07              | -60.96             | 1.18                 | 11.70                   | H                    |
|  | 3422.18           | -47.34       | -13           | -34.34            | -57.57              | -59.13             | 0.81                 | 12.60                   | V                    |
|  | 5133.27           | -49.90       | -13           | -36.90            | -62.5               | -61.65             | 0.95                 | 12.70                   | V                    |
|  | 6844.36           | -50.60       | -13           | -37.60            | -67.78              | -61.17             | 1.13                 | 11.70                   | V                    |
| Middle   | 3447.18           | -43.91       | -13           | -30.91            | -55.71              | -55.66             | 0.85                 | 12.60                   | H                    |
|  | 5170.77           | -47.01       | -13           | -34.01            | -62.88              | -58.76             | 0.95                 | 12.70                   | H                    |
|  | 6894.36           | -50.19       | -13           | -37.19            | -66.82              | -60.71             | 1.18                 | 11.70                   | H                    |
|  | 3447.18           | -48.66       | -13           | -35.66            | -58.89              | -60.45             | 0.81                 | 12.60                   | V                    |
|  | 5170.77           | -48.34       | -13           | -35.34            | -60.94              | -60.09             | 0.95                 | 12.70                   | V                    |
|  | 6894.36           | -50.47       | -13           | -37.47            | -67.65              | -61.04             | 1.13                 | 11.70                   | V                    |
| Highest  | 3472.18           | -46.14       | -13           | -33.14            | -57.94              | -57.89             | 0.85                 | 12.60                   | H                    |
|  | 5208.27           | -45.49       | -13           | -32.49            | -61.36              | -57.24             | 0.95                 | 12.70                   | H                    |
|  | 6944.36           | -50.37       | -13           | -37.37            | -67.00              | -60.89             | 1.18                 | 11.70                   | H                    |
|  | 3472.18           | -50.40       | -13           | -37.40            | -60.63              | -62.19             | 0.81                 | 12.60                   | V                    |
|  | 5208.27           | -48.24       | -13           | -35.24            | -60.84              | -59.99             | 0.95                 | 12.70                   | V                    |
|  | 6944.36           | -49.99       | -13           | -36.99            | -67.17              | -60.56             | 1.13                 | 11.70                   | V                    |

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



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |              |               |                   |                   |                    |                      |                       |                    |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 5000.68           | -46.45       | -25           | -21.45            | -61.33            | -58.20             | 0.95                 | 12.70                 | H                  |
|   | 7501.02           | -38.24       | -25           | -13.24            | -59.33            | -48.76             | 1.18                 | 11.70                 | H                  |
|   | 10001.36          | -43.99       | -25           | -18.99            | -69.17            | -54.64             | 1.45                 | 12.10                 | H                  |
|   | 5000.68           | -44.85       | -25           | -19.85            | -59.98            | -55.66             | 1.89                 | 12.70                 | V                  |
|   | 7501.02           | -45.30       | -25           | -20.30            | -66.05            | -55.54             | 1.46                 | 11.70                 | V                  |
|   | 10001.36          | -47.51       | -25           | -22.51            | -70.37            | -58.30             | 1.31                 | 12.10                 | V                  |
| Middle  | 5065.68           | -46.72       | -25           | -21.72            | -61.60            | -58.47             | 0.95                 | 12.70                 | H                  |
|   | 7598.52           | -37.28       | -25           | -12.28            | -58.37            | -47.80             | 1.18                 | 11.70                 | H                  |
|   | 10131.36          | -44.93       | -25           | -19.93            | -70.11            | -55.58             | 1.45                 | 12.10                 | H                  |
|   | 5065.68           | -45.48       | -25           | -20.48            | -60.61            | -56.29             | 1.89                 | 12.70                 | V                  |
|   | 7598.52           | -44.77       | -25           | -19.77            | -65.52            | -55.01             | 1.46                 | 11.70                 | V                  |
|   | 10131.36          | -46.65       | -25           | -21.65            | -69.51            | -57.44             | 1.31                 | 12.10                 | V                  |
| Highest                                       | 5130.68           | -45.77       | -25           | -20.77            | -60.65            | -57.52             | 0.95                 | 12.70                 | H                  |
|   | 7696.02           | -37.91       | -25           | -12.91            | -59.00            | -48.43             | 1.18                 | 11.70                 | H                  |
|   | 10261.36          | -45.13       | -25           | -20.13            | -70.31            | -55.78             | 1.45                 | 12.10                 | H                  |
|   | 5130.68           | -47.20       | -25           | -22.20            | -62.33            | -58.01             | 1.89                 | 12.70                 | V                  |
|   | 7696.02           | -45.55       | -25           | -20.55            | -66.3             | -55.79             | 1.46                 | 11.70                 | V                  |
|   | 10261.36          | -47.35       | -25           | -22.35            | -70.21            | -58.14             | 1.31                 | 12.10                 | 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   | 5001.18           | -47.30       | -25           | -22.30            | -62.18            | -59.05             | 0.95                 | 12.70                 | H                  |
|  | 7501.77           | -38.26       | -25           | -13.26            | -59.35            | -48.78             | 1.18                 | 11.70                 | H                  |
|  | 10002.36          | -42.43       | -25           | -17.43            | -67.61            | -53.08             | 1.45                 | 12.10                 | H                  |
|  | 5001.18           | -45.37       | -25           | -20.37            | -60.5             | -56.18             | 1.89                 | 12.70                 | V                  |
|  | 7501.77           | -45.38       | -25           | -20.38            | -66.13            | -55.62             | 1.46                 | 11.70                 | V                  |
|  | 10002.36          | -46.58       | -25           | -21.58            | -69.44            | -57.37             | 1.31                 | 12.10                 | V                  |
| Middle   | 5061.18           | -47.40       | -25           | -22.40            | -62.28            | -59.15             | 0.95                 | 12.70                 | H                  |
|  | 7591.77           | -38.52       | -25           | -13.52            | -59.61            | -49.04             | 1.18                 | 11.70                 | H                  |
|  | 10122.36          | -44.59       | -25           | -19.59            | -69.77            | -55.24             | 1.45                 | 12.10                 | H                  |
|  | 5061.18           | -46.72       | -25           | -21.72            | -61.85            | -57.53             | 1.89                 | 12.70                 | V                  |
|  | 7591.77           | -44.92       | -25           | -19.92            | -65.67            | -55.16             | 1.46                 | 11.70                 | V                  |
|  | 10122.36          | -46.10       | -25           | -21.10            | -68.96            | -56.89             | 1.31                 | 12.10                 | V                  |
| Highest  | 5121.18           | -47.12       | -25           | -22.12            | -62.00            | -58.87             | 0.95                 | 12.70                 | H                  |
|  | 7681.77           | -38.22       | -25           | -13.22            | -59.31            | -48.74             | 1.18                 | 11.70                 | H                  |
|  | 10242.36          | -44.73       | -25           | -19.73            | -69.91            | -55.38             | 1.45                 | 12.10                 | H                  |
|  | 5121.18           | -48.11       | -25           | -23.11            | -63.24            | -58.92             | 1.89                 | 12.70                 | V                  |
|  | 7681.77           | -45.56       | -25           | -20.56            | -66.31            | -55.80             | 1.46                 | 11.70                 | V                  |
|  | 10242.36          | -46.06       | -25           | -21.06            | -68.92            | -56.85             | 1.31                 | 12.10                 | 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   | 5001.68           | -46.95       | -25           | -21.95            | -61.83            | -58.70             | 0.95                 | 12.70                 | H                  |
|  | 7502.52           | -38.78       | -25           | -13.78            | -59.87            | -49.30             | 1.18                 | 11.70                 | H                  |
|  | 10003.36          | -44.36       | -25           | -19.36            | -69.54            | -55.01             | 1.45                 | 12.10                 | H                  |
|  | 5001.68           | -44.25       | -25           | -19.25            | -59.38            | -55.06             | 1.89                 | 12.70                 | V                  |
|  | 7502.52           | -44.35       | -25           | -19.35            | -65.1             | -54.59             | 1.46                 | 11.70                 | V                  |
|  | 10003.36          | -46.30       | -25           | -21.30            | -69.16            | -57.09             | 1.31                 | 12.10                 | V                  |
| Middle   | 5056.68           | -47.26       | -25           | -22.26            | -62.14            | -59.01             | 0.95                 | 12.70                 | H                  |
|  | 7585.02           | -38.76       | -25           | -13.76            | -59.85            | -49.28             | 1.18                 | 11.70                 | H                  |
|  | 10113.00          | -44.01       | -25           | -19.01            | -69.19            | -54.66             | 1.45                 | 12.10                 | H                  |
|  | 5056.68           | -46.62       | -25           | -21.62            | -61.75            | -57.43             | 1.89                 | 12.70                 | V                  |
|  | 7585.02           | -45.14       | -25           | -20.14            | -65.89            | -55.38             | 1.46                 | 11.70                 | V                  |
|  | 10113             | -46.42       | -25           | -21.42            | -69.28            | -57.21             | 1.31                 | 12.10                 | V                  |
| Highest  | 5111.68           | -47.87       | -25           | -22.87            | -62.75            | -59.62             | 0.95                 | 12.70                 | H                  |
|  | 7667.52           | -38.32       | -25           | -13.32            | -59.41            | -48.84             | 1.18                 | 11.70                 | H                  |
|  | 10223.36          | -44.28       | -25           | -19.28            | -69.46            | -54.93             | 1.45                 | 12.10                 | H                  |
|  | 5111.68           | -47.49       | -25           | -22.49            | -62.62            | -58.30             | 1.89                 | 12.70                 | V                  |
|  | 7667.52           | -45.44       | -25           | -20.44            | -66.19            | -55.68             | 1.46                 | 11.70                 | V                  |
|  | 10223.36          | -47.05       | -25           | -22.05            | -69.91            | -57.84             | 1.31                 | 12.10                 | 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   | 5002.18           | -46.83       | -25           | -21.83            | -61.71            | -58.58             | 0.95                 | 12.70                 | H                  |
|  | 7503.27           | -38.55       | -25           | -13.55            | -59.64            | -49.07             | 1.18                 | 11.70                 | H                  |
|  | 10004.36          | -43.79       | -25           | -18.79            | -68.97            | -54.44             | 1.45                 | 12.10                 | H                  |
|  | 5002.18           | -43.93       | -25           | -18.93            | -59.06            | -54.74             | 1.89                 | 12.70                 | V                  |
|  | 7503.27           | -45.37       | -25           | -20.37            | -66.12            | -55.61             | 1.46                 | 11.70                 | V                  |
|  | 10004.36          | -47.06       | -25           | -22.06            | -69.92            | -57.85             | 1.31                 | 12.10                 | V                  |
| Middle   | 5052.18           | -48.31       | -25           | -23.31            | -63.19            | -60.06             | 0.95                 | 12.70                 | H                  |
|  | 7578.27           | -39.25       | -25           | -14.25            | -60.34            | -49.77             | 1.18                 | 11.70                 | H                  |
|  | 10104.36          | -44.90       | -25           | -19.90            | -70.08            | -55.55             | 1.45                 | 12.10                 | H                  |
|  | 5052.18           | -46.48       | -25           | -21.48            | -61.61            | -57.29             | 1.89                 | 12.70                 | V                  |
|  | 7578.27           | -45.96       | -25           | -20.96            | -66.71            | -56.20             | 1.46                 | 11.70                 | V                  |
|  | 10104.36          | -47.08       | -25           | -22.08            | -69.94            | -57.87             | 1.31                 | 12.10                 | V                  |
| Highest  | 5102.18           | -47.06       | -25           | -22.06            | -61.94            | -58.81             | 0.95                 | 12.70                 | H                  |
|  | 7653.27           | -38.41       | -25           | -13.41            | -59.50            | -48.93             | 1.18                 | 11.70                 | H                  |
|  | 10204.36          | -44.70       | -25           | -19.70            | -69.88            | -55.35             | 1.45                 | 12.10                 | H                  |
|  | 5102.18           | -46.34       | -25           | -21.34            | -61.47            | -57.15             | 1.89                 | 12.70                 | V                  |
|  | 7653.27           | -45.08       | -25           | -20.08            | -65.83            | -55.32             | 1.46                 | 11.70                 | V                  |
|  | 10204.36          | -46.89       | -25           | -21.89            | -69.75            | -57.68             | 1.31                 | 12.10                 | 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           | -58.62      | -13           | -45.62            | -61.70            | -63.91             | 0.56                 | 8.00                  | H                  |
|  | 2097.21           | -45.21      | -13           | -32.21            | -51.85            | -52.81             | 0.65                 | 10.40                 | H                  |
|  | 2796.28           | -45.69      | -13           | -32.69            | -53.82            | -54.22             | 0.82                 | 11.50                 | H                  |
|  | 1398.14           | -60.06      | -13           | -47.06            | -62.36            | -65.35             | 0.56                 | 8.00                  | V                  |
|  | 2097.21           | -49.71      | -13           | -36.71            | -54.78            | -57.31             | 0.65                 | 10.40                 | V                  |
|  | 2796.28           | -47.17      | -13           | -34.17            | -55.71            | -55.70             | 0.82                 | 11.50                 | V                  |
| Middle   | 1413.74           | -56.36      | -13           | -43.36            | -59.44            | -61.65             | 0.56                 | 8.00                  | H                  |
|  | 2120.61           | -42.77      | -13           | -29.77            | -49.94            | -50.37             | 0.65                 | 10.40                 | H                  |
|  | 2827.48           | -44.39      | -13           | -31.39            | -52.92            | -52.92             | 0.82                 | 11.50                 | H                  |
|  | 1413.74           | -60.15      | -13           | -47.15            | -62.45            | -65.44             | 0.56                 | 8.00                  | V                  |
|  | 2120.61           | -47.05      | -13           | -34.05            | -53.02            | -54.65             | 0.65                 | 10.40                 | V                  |
|  | 2827.48           | -49.97      | -13           | -36.97            | -57.31            | -58.50             | 0.82                 | 11.50                 | V                  |
| Highest  | 1429.34           | -57.93      | -13           | -44.93            | -61.01            | -63.22             | 0.56                 | 8.00                  | H                  |
|  | 2144.01           | -50.19      | -13           | -37.19            | -55.57            | -57.79             | 0.65                 | 10.40                 | H                  |
|  | 2858.68           | -51.81      | -13           | -38.81            | -58.89            | -60.34             | 0.82                 | 11.50                 | H                  |
|  | 1429.34           | -60.19      | -13           | -47.19            | -62.49            | -65.48             | 0.56                 | 8.00                  | V                  |
|  | 2144.01           | -53.57      | -13           | -40.57            | -57.46            | -61.17             | 0.65                 | 10.40                 | V                  |
|  | 2858.68           | -52.16      | -13           | -39.16            | -59.49            | -60.69             | 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            | -59.16      | -13           | -46.16            | -62.24            | -64.45             | 0.56                 | 8.00                  | H                  |
|  | 2097.45           | -45.03      | -13           | -32.03            | -51.73            | -52.63             | 0.65                 | 10.40                 | H                  |
|  | 2796.6            | -45.19      | -13           | -32.19            | -53.53            | -53.72             | 0.82                 | 11.50                 | H                  |
|  | 1398.3            | -60.26      | -13           | -47.26            | -62.56            | -65.55             | 0.56                 | 8.00                  | V                  |
|  | 2097.45           | -48.01      | -13           | -35.01            | -53.69            | -55.61             | 0.65                 | 10.40                 | V                  |
|  | 2796.6            | -48.34      | -13           | -35.34            | -56.31            | -56.87             | 0.82                 | 11.50                 | V                  |
| Middle   | 1412.3            | -56.42      | -13           | -43.42            | -59.50            | -61.71             | 0.56                 | 8.00                  | H                  |
|  | 2118.45           | -43.64      | -13           | -30.64            | -50.53            | -51.24             | 0.65                 | 10.40                 | H                  |
|  | 2824.6            | -47.35      | -13           | -34.35            | -54.90            | -55.88             | 0.82                 | 11.50                 | H                  |
|  | 1412.3            | -59.42      | -13           | -46.42            | -61.72            | -64.71             | 0.56                 | 8.00                  | V                  |
|  | 2118.45           | -48.82      | -13           | -35.82            | -54.34            | -56.42             | 0.65                 | 10.40                 | V                  |
|  | 2824.6            | -48.08      | -13           | -35.08            | -56.19            | -56.61             | 0.82                 | 11.50                 | V                  |
| Highest  | 1426.3            | -58.84      | -13           | -45.84            | -61.92            | -64.13             | 0.56                 | 8.00                  | H                  |
|  | 2139.45           | -44.88      | -13           | -31.88            | -51.60            | -52.48             | 0.65                 | 10.40                 | H                  |
|  | 2852.6            | -54.12      | -13           | -41.12            | -61.20            | -62.65             | 0.82                 | 11.50                 | H                  |
|  | 1426.3            | -60.37      | -13           | -47.37            | -62.67            | -65.66             | 0.56                 | 8.00                  | V                  |
|  | 2139.45           | -52.09      | -13           | -39.09            | -56.30            | -59.69             | 0.65                 | 10.40                 | V                  |
|  | 2852.6            | -53.66      | -13           | -40.66            | -60.99            | -62.19             | 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            | -59.00      | -13           | -46.00            | -62.08            | -64.29             | 0.56                 | 8.00                  | H                  |
|  | 2097.75           | -44.82      | -13           | -31.82            | -51.54            | -52.42             | 0.65                 | 10.40                 | H                  |
|  | 2797              | -46.38      | -13           | -33.38            | -54.31            | -54.91             | 0.82                 | 11.50                 | H                  |
|  | 1398.5            | -60.06      | -13           | -47.06            | -62.36            | -65.35             | 0.56                 | 8.00                  | V                  |
|  | 2097.75           | -53.00      | -13           | -40.00            | -56.89            | -60.60             | 0.65                 | 10.40                 | V                  |
|  | 2797              | -45.41      | -13           | -32.41            | -54.39            | -53.94             | 0.82                 | 11.50                 | V                  |
| Middle   | 1410.5            | -57.85      | -13           | -44.85            | -60.93            | -63.14             | 0.56                 | 8.00                  | H                  |
|  | 2115.75           | -41.91      | -13           | -28.91            | -49.07            | -49.51             | 0.65                 | 10.40                 | H                  |
|  | 2821              | -45.20      | -13           | -32.20            | -53.54            | -53.73             | 0.82                 | 11.50                 | H                  |
|  | 1410.5            | -59.09      | -13           | -46.09            | -61.39            | -64.38             | 0.56                 | 8.00                  | V                  |
|  | 2115.75           | -47.61      | -13           | -34.61            | -53.41            | -55.21             | 0.65                 | 10.40                 | V                  |
|  | 2821              | -45.21      | -13           | -32.21            | -54.19            | -53.74             | 0.82                 | 11.50                 | V                  |
| Highest  | 1422.5            | -60.14      | -13           | -47.14            | -63.22            | -65.43             | 0.56                 | 8.00                  | H                  |
|  | 2133.75           | -42.67      | -13           | -29.67            | -49.83            | -50.27             | 0.65                 | 10.40                 | H                  |
|  | 2845              | -52.20      | -13           | -39.20            | -59.28            | -60.73             | 0.82                 | 11.50                 | H                  |
|  | 1422.5            | -61.21      | -13           | -48.21            | -63.51            | -66.50             | 0.56                 | 8.00                  | V                  |
|  | 2133.75           | -46.12      | -13           | -33.12            | -52.12            | -53.72             | 0.65                 | 10.40                 | V                  |
|  | 2845              | -52.59      | -13           | -39.59            | -59.92            | -61.12             | 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              | -59.37      | -13           | -46.37            | -62.45            | -64.66             | 0.56                 | 8.00                  | H                  |
|   | 2098.5            | -46.05      | -13           | -33.05            | -52.42            | -53.65             | 0.65                 | 10.40                 | H                  |
|   | 2798              | -46.85      | -13           | -33.85            | -54.68            | -55.38             | 0.82                 | 11.50                 | H                  |
|   | 1399              | -60.24      | -13           | -47.24            | -62.54            | -65.53             | 0.56                 | 8.00                  | V                  |
|   | 2098.5            | -50.38      | -13           | -37.38            | -55.19            | -57.98             | 0.65                 | 10.40                 | V                  |
|   | 2798              | -46.54      | -13           | -33.54            | -55.33            | -55.07             | 0.82                 | 11.50                 | V                  |
| Middle  | 1406              | -58.80      | -13           | -45.80            | -61.88            | -64.09             | 0.56                 | 8.00                  | H                  |
|   | 2109              | -42.68      | -13           | -29.68            | -49.84            | -50.28             | 0.65                 | 10.40                 | H                  |
|   | 2812              | -46.37      | -13           | -33.37            | -54.30            | -54.90             | 0.82                 | 11.50                 | H                  |
|   | 1406              | -61.24      | -13           | -48.24            | -63.54            | -66.53             | 0.56                 | 8.00                  | V                  |
|   | 2109              | -49.19      | -13           | -36.19            | -54.56            | -56.79             | 0.65                 | 10.40                 | V                  |
|   | 2812              | -43.83      | -13           | -30.83            | -52.87            | -52.36             | 0.82                 | 11.50                 | V                  |
| Highest   | 1413              | -57.40      | -13           | -44.40            | -60.48            | -62.69             | 0.56                 | 8.00                  | H                  |
|   | 2119.5            | -42.67      | -13           | -29.67            | -49.83            | -50.27             | 0.65                 | 10.40                 | H                  |
|   | 2826              | -49.36      | -13           | -36.36            | -56.44            | -57.89             | 0.82                 | 11.50                 | H                  |
|   | 1413              | -60.02      | -13           | -47.02            | -62.32            | -65.31             | 0.56                 | 8.00                  | V                  |
|   | 2119.5            | -49.90      | -13           | -36.90            | -54.86            | -57.50             | 0.65                 | 10.40                 | V                  |
|   | 2826              | -50.34      | -13           | -37.34            | -57.67            | -58.87             | 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           | -57.86      | -13           | -44.86            | -60.94            | -63.15             | 0.56                 | 8.00                  | H                  |
|  | 2113.02           | -29.41      | -13           | -16.41            | -37.65            | -37.01             | 0.65                 | 10.40                 | H                  |
|  | 2817.36           | -48.14      | -13           | -35.14            | -55.22            | -56.67             | 0.82                 | 11.50                 | H                  |
|  | 1408.68           | -58.48      | -13           | -45.48            | -60.78            | -63.77             | 0.56                 | 8.00                  | V                  |
|  | 2113.02           | -36.27      | -13           | -23.27            | -44.68            | -43.87             | 0.65                 | 10.40                 | V                  |
|  | 2817.36           | -45.42      | -13           | -32.42            | -54.40            | -53.95             | 0.82                 | 11.50                 | V                  |
| Middle   | 1415.68           | -57.50      | -13           | -44.50            | -60.58            | -62.79             | 0.56                 | 8.00                  | H                  |
|  | 2123.58           | -32.12      | -13           | -19.12            | -40.21            | -39.72             | 0.65                 | 10.40                 | H                  |
|  | 2831.36           | -47.71      | -13           | -34.71            | -55.00            | -56.24             | 0.82                 | 11.50                 | H                  |
|  | 1415.68           | -59.03      | -13           | -46.03            | -61.33            | -64.32             | 0.56                 | 8.00                  | V                  |
|  | 2123.58           | -37.75      | -13           | -24.75            | -46.13            | -45.35             | 0.65                 | 10.40                 | V                  |
|  | 2831.36           | -47.90      | -13           | -34.90            | -56.10            | -56.43             | 0.82                 | 11.50                 | V                  |
| Highest  | 1422.68           | -58.84      | -13           | -45.84            | -61.92            | -64.13             | 0.56                 | 8.00                  | H                  |
|  | 2134.02           | -33.40      | -13           | -20.40            | -41.43            | -41.00             | 0.65                 | 10.40                 | H                  |
|  | 2845.36           | -50.88      | -13           | -37.88            | -57.96            | -59.41             | 0.82                 | 11.50                 | H                  |
|  | 1422.68           | -59.75      | -13           | -46.75            | -62.05            | -65.04             | 0.56                 | 8.00                  | V                  |
|  | 2134.02           | -36.96      | -13           | -23.96            | -45.56            | -44.56             | 0.65                 | 10.40                 | V                  |
|  | 2845.36           | -45.72      | -13           | -32.72            | -54.70            | -54.25             | 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           | -55.02      | -13           | -42.02            | -58.10              | -60.31             | 0.56                 | 8.00                    | H                    |
|   | 2113.77           | -31.63      | -13           | -18.63            | -39.78              | -39.23             | 0.65                 | 10.40                   | H                    |
|   | 2818.36           | -46.78      | -13           | -33.78            | -54.63              | -55.31             | 0.82                 | 11.50                   | H                    |
|   | 1409.18           | -59.02      | -13           | -46.02            | -61.32              | -64.31             | 0.56                 | 8.00                    | V                    |
|   | 2113.77           | -36.42      | -13           | -23.42            | -44.87              | -44.02             | 0.65                 | 10.40                   | V                    |
|   | 2818.36           | -45.21      | -13           | -32.21            | -54.19              | -53.74             | 0.82                 | 11.50                   | V                    |
| Middle  | 1411.18           | -58.17      | -13           | -45.17            | -61.25              | -63.46             | 0.56                 | 8.00                    | H                    |
|   | 2116.77           | -31.75      | -13           | -18.75            | -39.88              | -39.35             | 0.65                 | 10.40                   | H                    |
|   | 2822.36           | -46.70      | -13           | -33.70            | -54.56              | -55.23             | 0.82                 | 11.50                   | H                    |
|   | 1411.18           | -58.22      | -13           | -45.22            | -60.52              | -63.51             | 0.56                 | 8.00                    | V                    |
|   | 2116.77           | -35.50      | -13           | -22.50            | -44.05              | -43.10             | 0.65                 | 10.40                   | V                    |
|   | 2822.36           | -45.28      | -13           | -32.28            | -54.26              | -53.81             | 0.82                 | 11.50                   | V                    |
| Highest   | 1413.18           | -58.14      | -13           | -45.14            | -61.22              | -63.43             | 0.56                 | 8.00                    | H                    |
|   | 2119.77           | -33.01      | -13           | -20.01            | -41.07              | -40.61             | 0.65                 | 10.40                   | H                    |
|   | 2826.36           | -49.42      | -13           | -36.42            | -56.50              | -57.95             | 0.82                 | 11.50                   | H                    |
|   | 3532.5            | -52.17      | -13           | -39.17            | -61.58              | -60.70             | 0.82                 | 11.50                   | H                    |
|   | 1413.18           | -56.87      | -13           | -43.87            | -59.17              | -62.16             | 0.56                 | 8.00                    | V                    |
|   | 2119.77           | -37.98      | -13           | -24.98            | -46.29              | -45.58             | 0.65                 | 10.40                   | V                    |
|   | 2826.36           | -44.50      | -13           | -31.50            | -53.49              | -53.03             | 0.82                 | 11.50                   | V                    |
|   | 3532.5            | -53.30      | -13           | -40.30            | -63.18              | -61.83             | 0.82                 | 11.50                   | V                    |

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