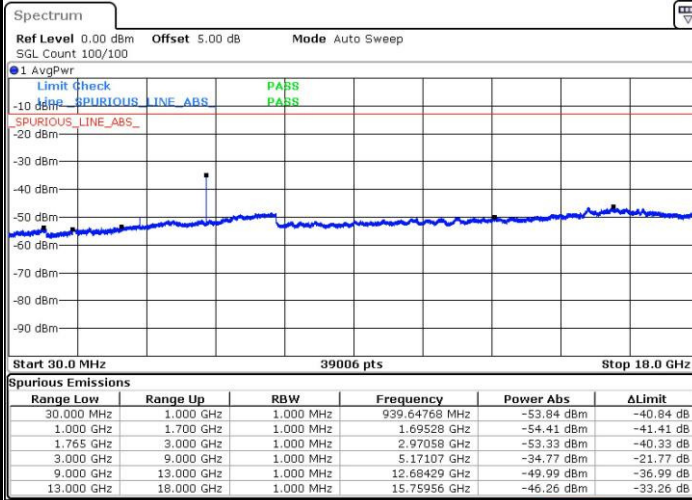




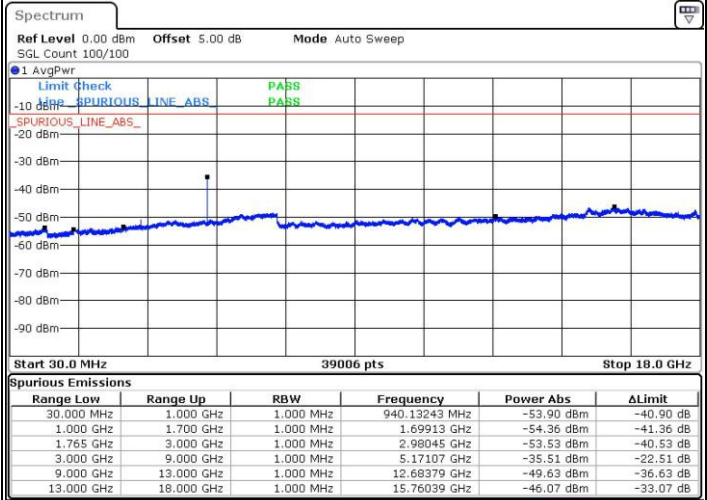
## LTE Band 4 / 20MHz

## Middle Channel / QPSK



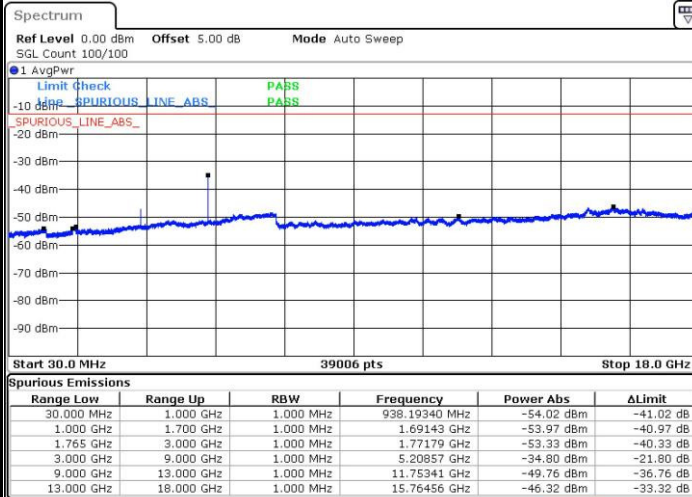
Date: 14 DEC 2015 11:46:33

## Middle Channel / 16QAM



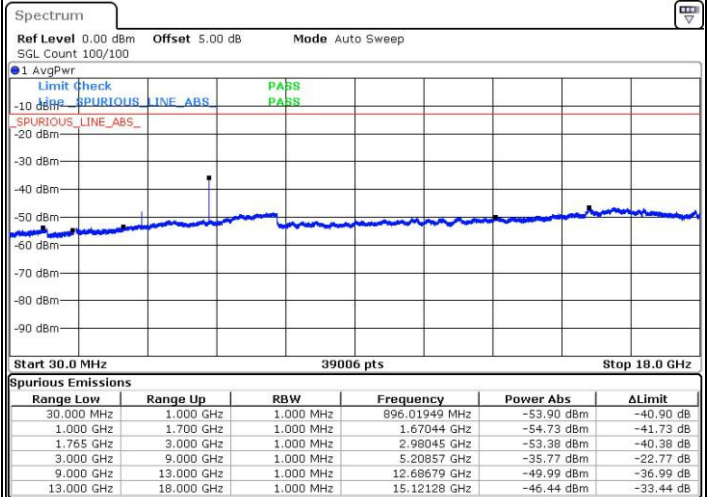
Date: 14 DEC 2015 11:47:29

## Highest Channel / QPSK



Date: 14 DEC 2015 11:53:38

## Highest Channel / 16QAM

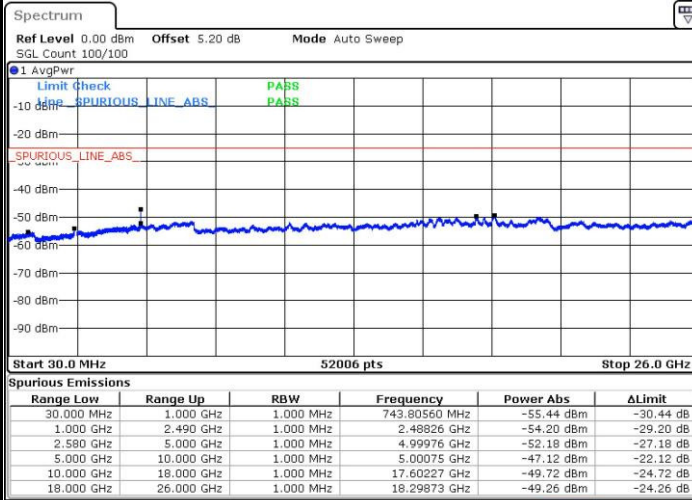


Date: 14 DEC 2015 11:54:34



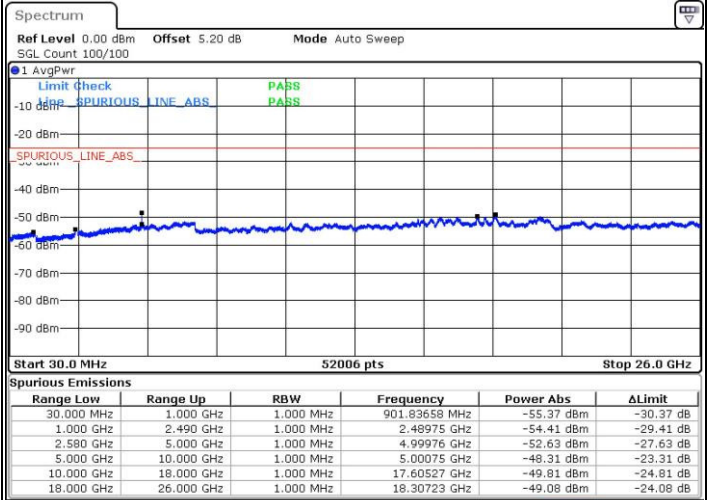
## LTE Band 7 / 5MHz

## Lowest Channel / QPSK



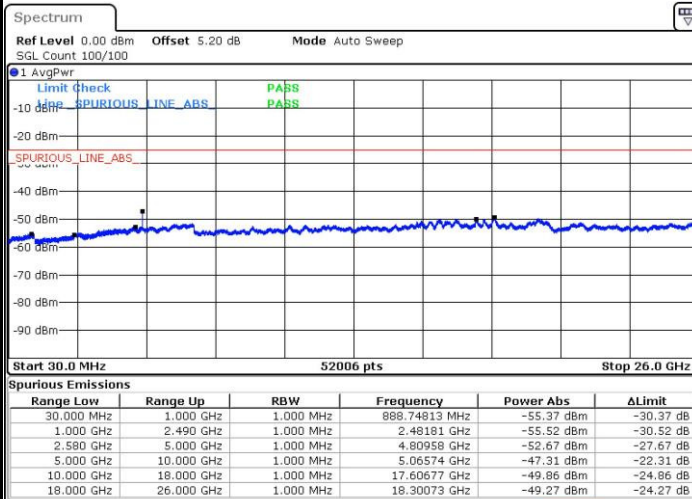
Date: 16 DEC 2015 03:38:16

## Lowest Channel / 16QAM



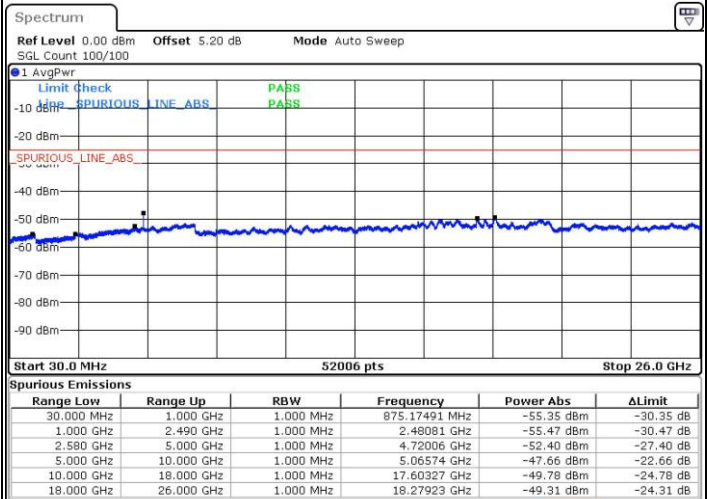
Date: 16 DEC 2015 03:39:10

## Middle Channel / QPSK



Date: 16 DEC 2015 03:40:57

## Middle Channel / 16QAM

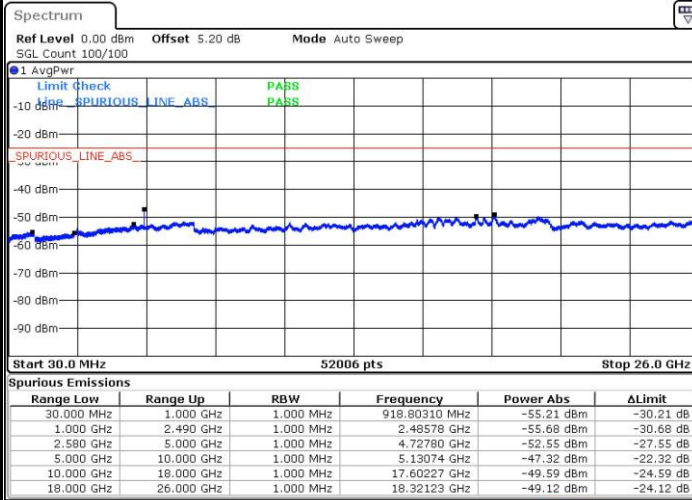


Date: 16 DEC 2015 03:40:04



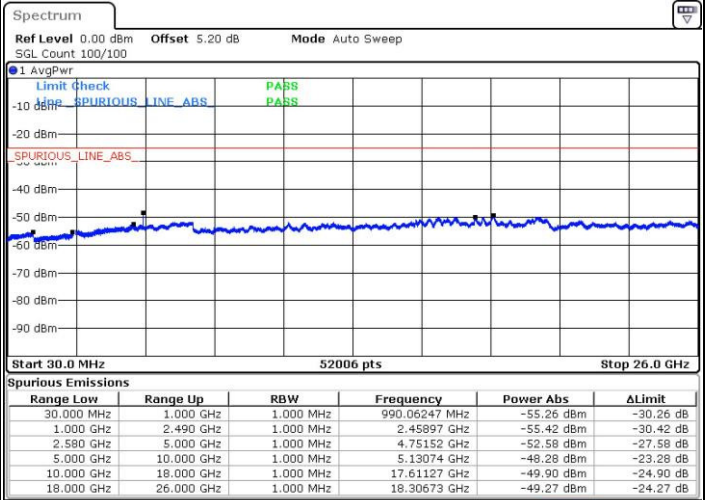
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 16 DEC 2015 03:41:51

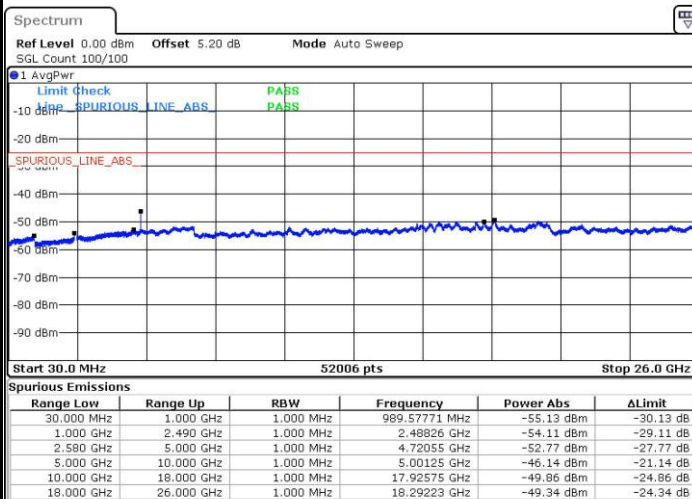
## Highest Channel / 16QAM



Date: 16 DEC 2015 03:42:44

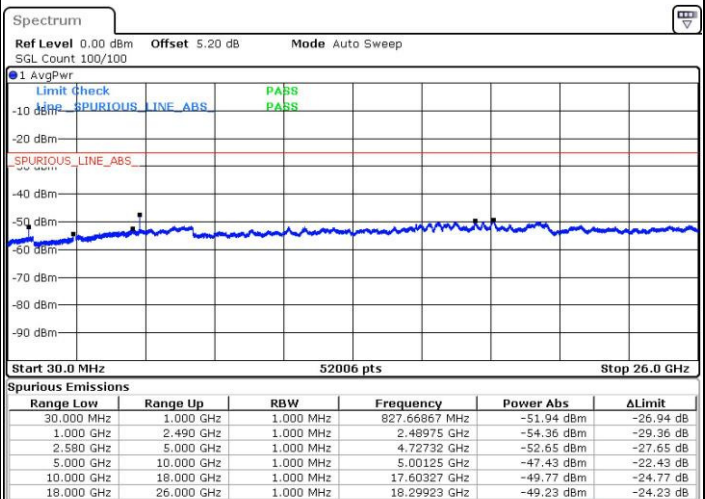
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 16 DEC 2015 03:44:31

## Lowest Channel / 16QAM

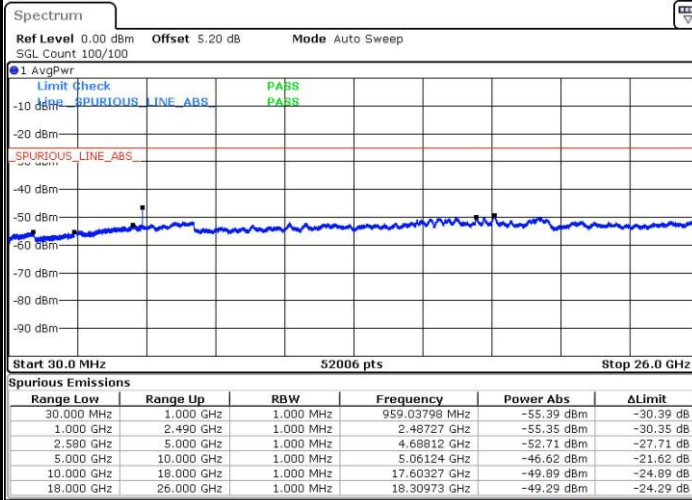


Date: 16 DEC 2015 03:43:38



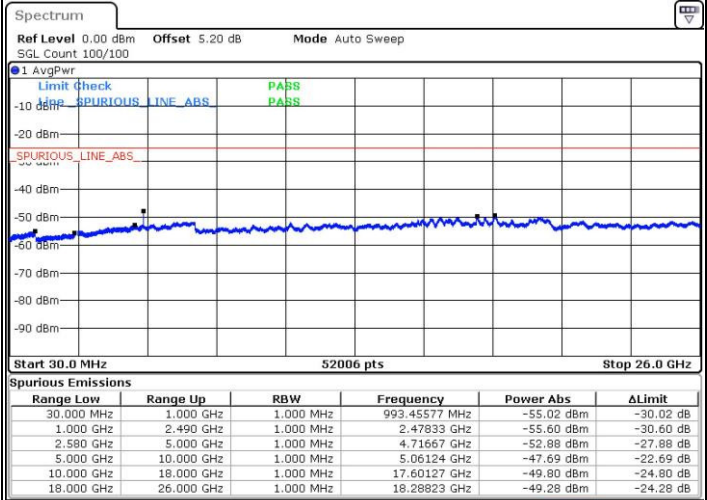
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



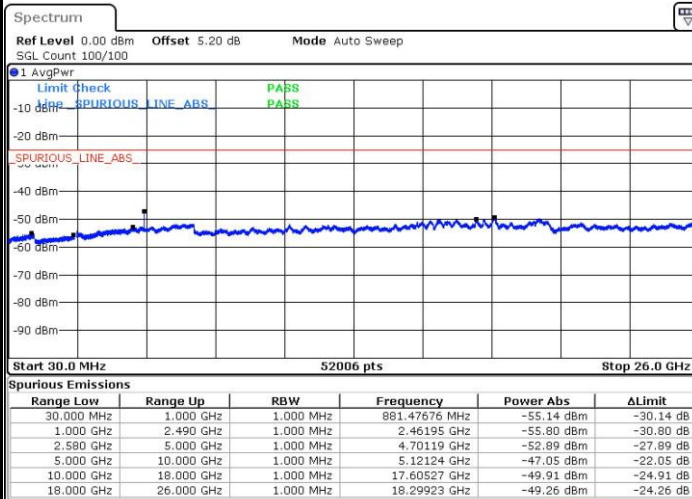
Date: 16 DEC 2015 03:45:25

## Middle Channel / 16QAM



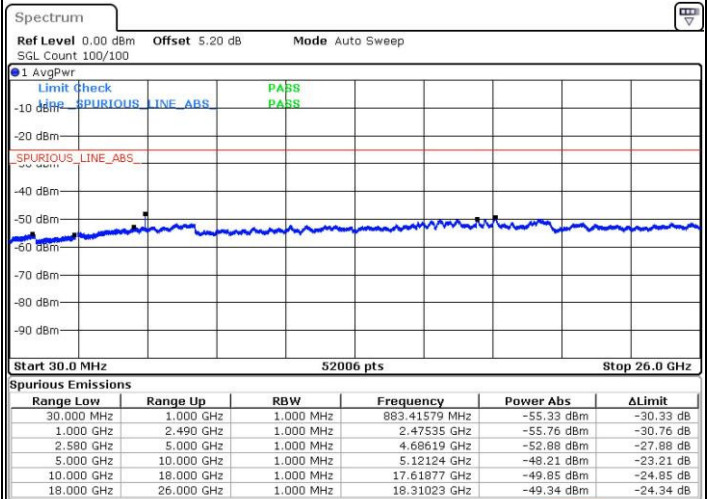
Date: 16 DEC 2015 03:46:18

## Highest Channel / QPSK



Date: 16 DEC 2015 03:48:06

## Highest Channel / 16QAM

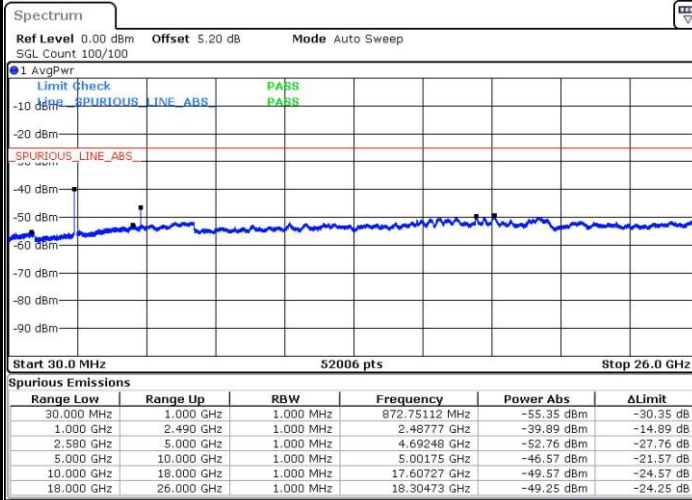


Date: 16 DEC 2015 03:47:12



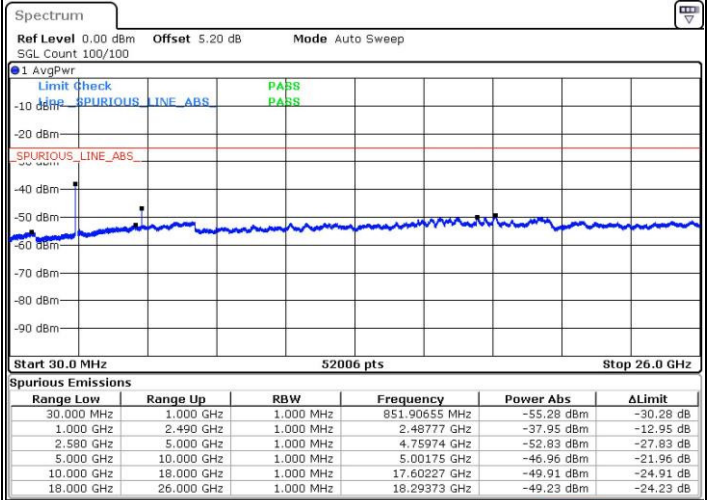
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



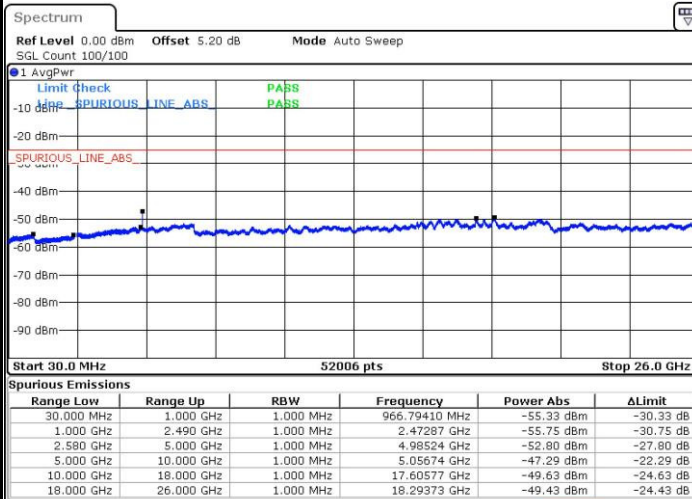
Date: 16 DEC 2015 03:48:59

## Lowest Channel / 16QAM



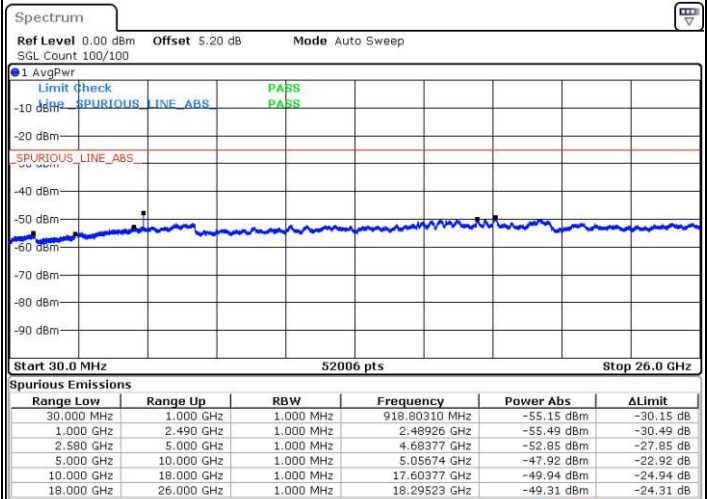
Date: 16 DEC 2015 03:49:53

## Middle Channel / QPSK



Date: 16 DEC 2015 03:51:40

## Middle Channel / 16QAM

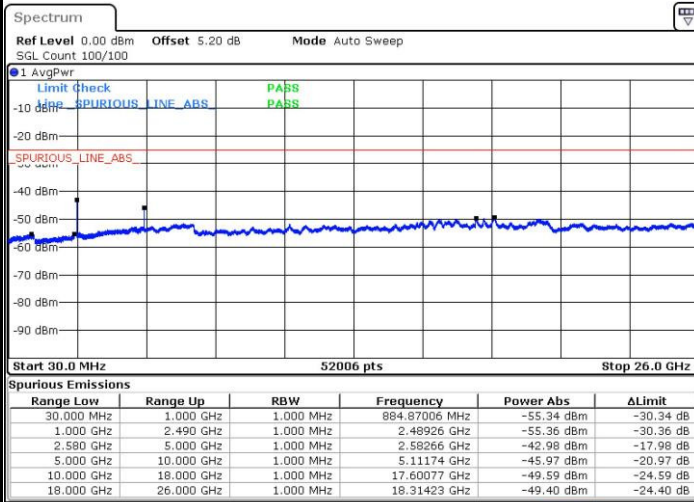


Date: 16 DEC 2015 03:50:46



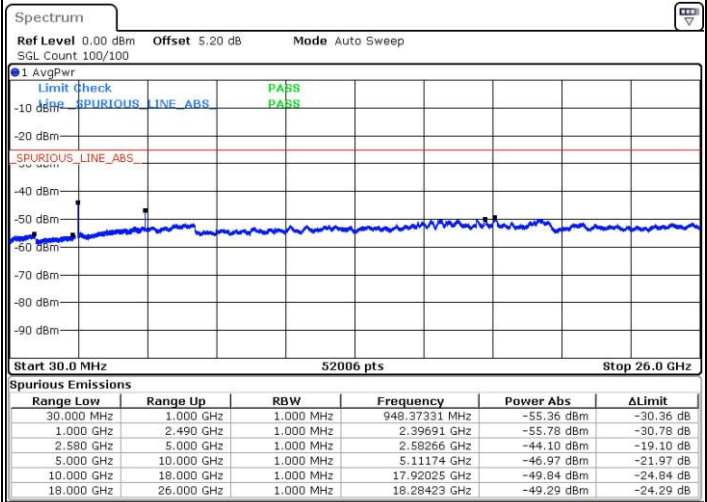
## LTE Band7 / 15MHz

## Highest Channel / QPSK



Date: 16 DEC 2015 03:52:33

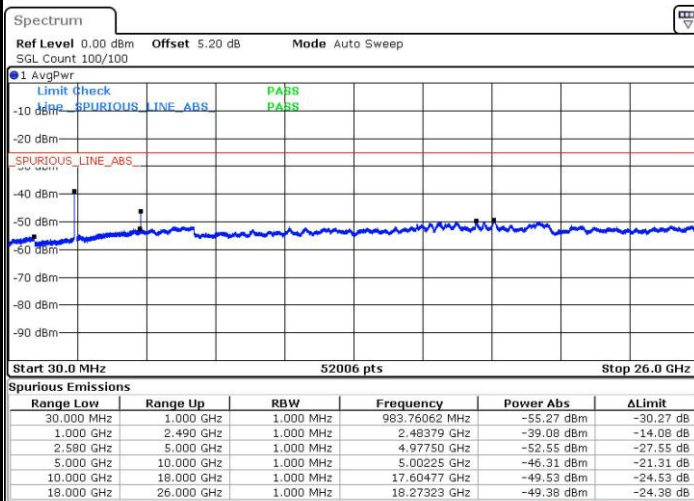
## Highest Channel / 16QAM



Date: 16 DEC 2015 03:53:27

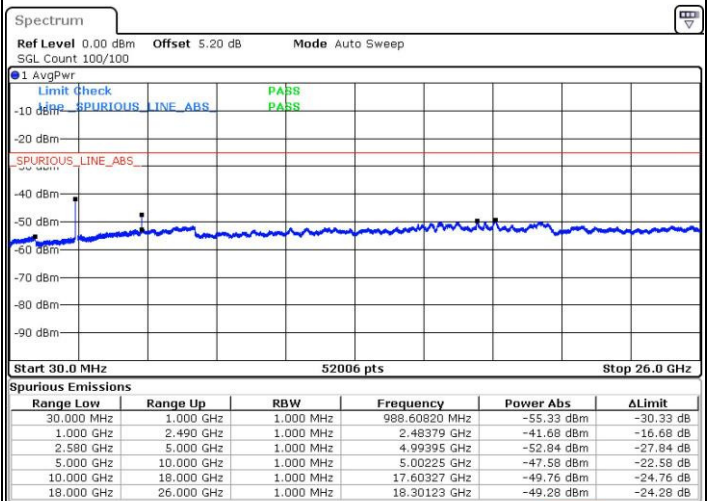
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 16 DEC 2015 03:55:14

## Lowest Channel / 16QAM

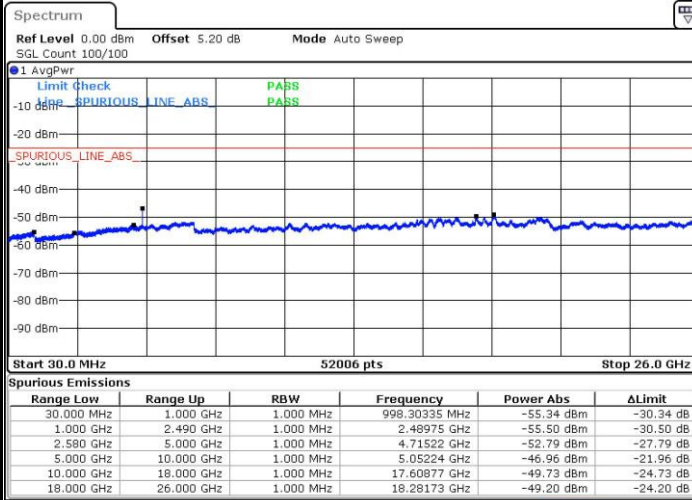


Date: 16 DEC 2015 03:54:20



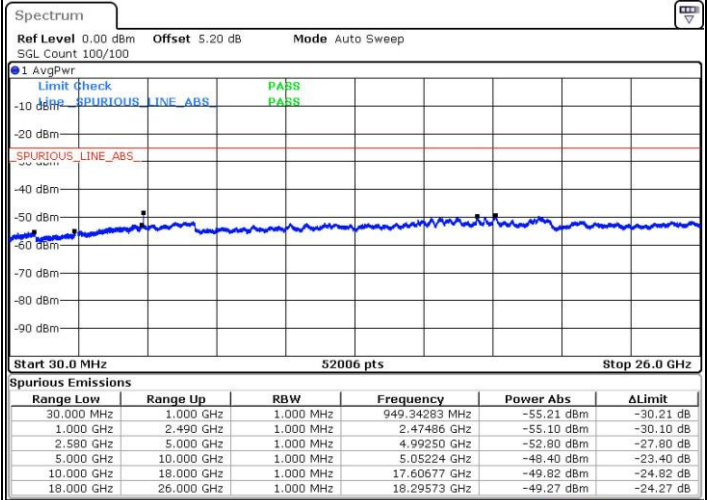
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



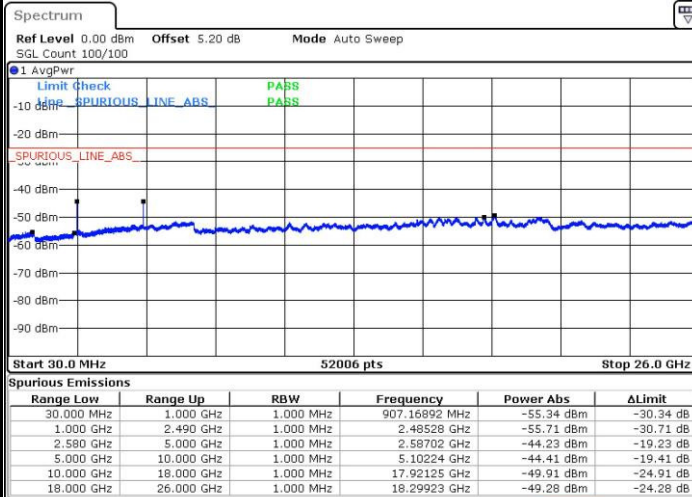
Date: 16 DEC 2015 03:56:07

## Middle Channel / 16QAM



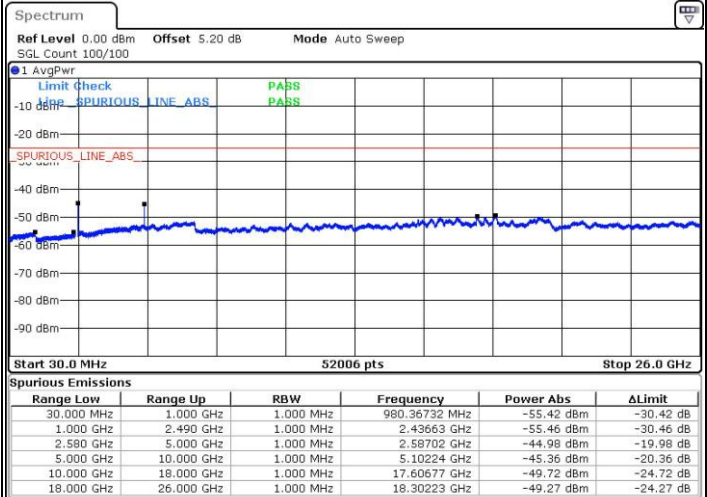
Date: 16 DEC 2015 03:57:01

## Highest Channel / QPSK



Date: 16 DEC 2015 03:58:48

## Highest Channel / 16QAM



Date: 16 DEC 2015 03:57:54

**Frequency Stability**

| Test Conditions  |                   | LTE Band 2 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0001                             | PASS    |
| 40               | Normal Voltage    | 0.0009                             |         |
| 30               | Normal Voltage    | 0.0003                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0003                             |         |
| 0                | Normal Voltage    | 0.0015                             |         |
| -10              | Normal Voltage    | 0.0009                             |         |
| -20              | Normal Voltage    | 0.0008                             |         |
| -30              | Normal Voltage    | 0.0008                             |         |
| 20               | Maximum Voltage   | 0.0005                             |         |
| 20               | Normal Voltage    | 0.0012                             |         |
| 20               | Battery End Point | 0.0003                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
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    | 0.0013                             | PASS    |
| 40                  | Normal Voltage    | 0.0023                             |         |
| 30                  | Normal Voltage    | 0.0009                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0025                             |         |
| 0                   | Normal Voltage    | 0.0011                             |         |
| -10                 | Normal Voltage    | 0.0007                             |         |
| -20                 | Normal Voltage    | 0.0003                             |         |
| -30                 | Normal Voltage    | 0.0003                             |         |
| 20                  | Maximum Voltage   | 0.0015                             |         |
| 20                  | Normal Voltage    | 0.0017                             |         |
| 20                  | Battery End Point | 0.0002                             |         |

**Note:**

1. Normal Voltage = 3.8 V. ; 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    | 0.0021                             | PASS    |
| 40                  | Normal Voltage    | 0.0004                             |         |
| 30                  | Normal Voltage    | 0.0006                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0002                             |         |
| 0                   | Normal Voltage    | 0.0005                             |         |
| -10                 | Normal Voltage    | 0.0017                             |         |
| -20                 | Normal Voltage    | 0.0002                             |         |
| -30                 | Normal Voltage    | 0.0019                             |         |
| 20                  | Maximum Voltage   | 0.0004                             |         |
| 20                  | Normal Voltage    | 0.0004                             |         |
| 20                  | Battery End Point | 0.0001                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
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**

**EIRP**

| LTE Band 2 / 1.4MHz (Average) |            |      |        |            |         |           |         |
|-------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                       | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                               |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                        | QPSK       | 3    | 1      | 21.83      | 0.1526  | 22.17     | 0.1650  |
| Middle                        |            | 1    | 3      | 21.42      | 0.1386  | 22.03     | 0.1594  |
| Highest                       |            | 3    | 1      | 22.15      | 0.1641  | 22.41     | 0.1743  |
| Lowest                        | 16QAM      | 1    | 3      | 20.57      | 0.1139  | 20.63     | 0.1156  |
| Middle                        |            | 1    | 3      | 20.96      | 0.1247  | 21.17     | 0.1310  |
| Highest                       |            | 1    | 3      | 20.52      | 0.1127  | 21.01     | 0.1261  |
| Limit                         | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 3MHz (Average) |            |      |        |            |         |           |         |
|-----------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                      | QPSK       | 1    | 0      | 21.38      | 0.1374  | 21.92     | 0.1558  |
| Middle                      |            | 1    | 0      | 21.50      | 0.1414  | 22.02     | 0.1591  |
| Highest                     |            | 1    | 0      | 21.77      | 0.1502  | 22.15     | 0.1640  |
| Lowest                      | 16QAM      | 1    | 0      | 19.87      | 0.0970  | 20.11     | 0.1027  |
| Middle                      |            | 1    | 0      | 20.37      | 0.1090  | 20.69     | 0.1171  |
| Highest                     |            | 1    | 0      | 20.35      | 0.1084  | 20.98     | 0.1252  |
| Limit                       | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 5MHz (Average) |            |      |        |            |         |           |         |
|-----------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                      | QPSK       | 1    | 12     | 21.25      | 0.1333  | 21.89     | 0.1545  |
| Middle                      |            | 1    | 12     | 21.67      | 0.1469  | 22.25     | 0.1680  |
| Highest                     |            | 1    | 0      | 21.82      | 0.1520  | 22.13     | 0.1632  |
| Lowest                      | 16QAM      | 1    | 0      | 20.10      | 0.1023  | 20.38     | 0.1093  |
| Middle                      |            | 1    | 24     | 20.03      | 0.1007  | 20.86     | 0.1218  |
| Highest                     |            | 1    | 0      | 20.31      | 0.1074  | 20.99     | 0.1257  |
| Limit                       | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 10MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 0      | 21.62      | 0.1453  | 21.58     | 0.1439  |
| Middle                       |            | 1    | 0      | 21.88      | 0.1541  | 22.12     | 0.1630  |
| Highest                      |            | 1    | 0      | 21.96      | 0.1571  | 22.14     | 0.1639  |
| Lowest                       | 16QAM      | 1    | 0      | 20.13      | 0.1030  | 20.66     | 0.1164  |
| Middle                       |            | 1    | 25     | 20.36      | 0.1087  | 20.66     | 0.1165  |
| Highest                      |            | 1    | 0      | 20.48      | 0.1116  | 21.22     | 0.1324  |
| Limit                        | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 15MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 0      | 21.55      | 0.1429  | 21.50     | 0.1414  |
| Middle                       |            | 1    | 0      | 21.59      | 0.1443  | 21.66     | 0.1464  |
| Highest                      |            | 1    | 0      | 21.83      | 0.1523  | 22.04     | 0.1599  |
| Lowest                       | 16QAM      | 1    | 0      | 20.09      | 0.1021  | 20.61     | 0.1151  |
| Middle                       |            | 1    | 0      | 20.37      | 0.1089  | 20.98     | 0.1254  |
| Highest                      |            | 1    | 0      | 20.67      | 0.1167  | 21.18     | 0.1313  |
| Limit                        | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 2 / 20MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 0      | 21.60      | 0.1445  | 21.48     | 0.1406  |
| Middle                       |            | 1    | 0      | 21.79      | 0.1510  | 21.92     | 0.1557  |
| Highest                      |            | 1    | 0      | 21.98      | 0.1577  | 22.32     | 0.1706  |
| Lowest                       | 16QAM      | 1    | 0      | 20.21      | 0.1050  | 20.79     | 0.1200  |
| Middle                       |            | 1    | 99     | 20.34      | 0.1081  | 20.91     | 0.1232  |
| Highest                      |            | 1    | 0      | 20.43      | 0.1104  | 21.55     | 0.1429  |
| 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      | 22.21      | 0.1664  | 21.72     | 0.1486  |
| Middle                        |            | 3    | 1      | 22.26      | 0.1681  | 21.77     | 0.1503  |
| Highest                       |            | 3    | 1      | 21.41      | 0.1385  | 21.05     | 0.1273  |
| Lowest                        | 16QAM      | 1    | 0      | 20.90      | 0.1229  | 20.19     | 0.1045  |
| Middle                        |            | 1    | 5      | 20.91      | 0.1233  | 20.32     | 0.1076  |
| Highest                       |            | 1    | 0      | 20.37      | 0.1088  | 19.71     | 0.0936  |
| 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    | 0      | 21.68      | 0.1472  | 21.09     | 0.1286  |
| Middle                      |            | 1    | 14     | 21.42      | 0.1385  | 21.10     | 0.1288  |
| Highest                     |            | 1    | 8      | 21.02      | 0.1264  | 20.43     | 0.1104  |
| Lowest                      | 16QAM      | 1    | 14     | 21.00      | 0.1259  | 20.35     | 0.1083  |
| Middle                      |            | 1    | 0      | 20.92      | 0.1236  | 20.43     | 0.1104  |
| Highest                     |            | 1    | 14     | 20.44      | 0.1106  | 19.93     | 0.0984  |
| 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    | 0      | 21.64      | 0.1460  | 21.05     | 0.1275  |
| Middle                      |            | 1    | 0      | 21.54      | 0.1424  | 21.09     | 0.1286  |
| Highest                     |            | 1    | 12     | 21.25      | 0.1332  | 20.70     | 0.1175  |
| Lowest                      | 16QAM      | 1    | 24     | 21.08      | 0.1283  | 20.37     | 0.1088  |
| Middle                      |            | 1    | 0      | 20.86      | 0.1218  | 20.43     | 0.1104  |
| Highest                     |            | 1    | 24     | 20.49      | 0.1120  | 20.00     | 0.1000  |
| Limit                       | EIRP < 1W  |      |        | Result     |         | PASS      |         |



| LTE Band 4/ 10MHz (Average) |            |      |        |            |         |           |         |
|-----------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                      | QPSK       | 1    | 0      | 21.84      | 0.1528  | 21.45     | 0.1396  |
| Middle                      |            | 1    | 0      | 22.04      | 0.1598  | 21.44     | 0.1395  |
| Highest                     |            | 1    | 49     | 21.01      | 0.1263  | 20.49     | 0.1118  |
| Lowest                      | 16QAM      | 1    | 0      | 21.14      | 0.1300  | 20.41     | 0.1100  |
| Middle                      |            | 1    | 0      | 21.23      | 0.1327  | 20.57     | 0.1140  |
| Highest                     |            | 1    | 49     | 20.56      | 0.1138  | 19.96     | 0.0990  |
| 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      | 22.02      | 0.1592  | 21.45     | 0.1396  |
| Middle                       |            | 1    | 0      | 22.08      | 0.1614  | 21.40     | 0.1381  |
| Highest                      |            | 1    | 0      | 22.24      | 0.1676  | 21.66     | 0.1464  |
| Lowest                       | 16QAM      | 1    | 0      | 21.39      | 0.1378  | 20.70     | 0.1175  |
| Middle                       |            | 1    | 0      | 21.57      | 0.1435  | 20.84     | 0.1214  |
| Highest                      |            | 1    | 0      | 21.40      | 0.1382  | 20.76     | 0.1192  |
| 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      | 21.59      | 0.1444  | 21.04     | 0.1272  |
| Middle                       |            | 1    | 0      | 21.43      | 0.1390  | 21.22     | 0.1324  |
| Highest                      |            | 1    | 0      | 21.80      | 0.1514  | 21.21     | 0.1321  |
| Lowest                       | 16QAM      | 1    | 0      | 20.80      | 0.1202  | 20.84     | 0.1213  |
| Middle                       |            | 1    | 0      | 20.90      | 0.1230  | 20.60     | 0.1148  |
| Highest                      |            | 1    | 0      | 20.88      | 0.1225  | 20.84     | 0.1213  |
| 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    | 0      | 23.38      | 0.2175  | 23.61     | 0.2294  |
| Middle                      |            | 1    | 0      | 24.64      | 0.2914  | 24.66     | 0.2926  |
| Highest                     |            | 1    | 0      | 24.83      | 0.3040  | 25.09     | 0.3226  |
| Lowest                      | 16QAM      | 1    | 0      | 22.21      | 0.1663  | 22.33     | 0.1710  |
| Middle                      |            | 1    | 0      | 23.43      | 0.2202  | 23.33     | 0.2152  |
| Highest                     |            | 1    | 0      | 23.69      | 0.2338  | 23.86     | 0.2431  |
| 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    | 0      | 23.31      | 0.2144  | 23.66     | 0.2321  |
| Middle                       |            | 1    | 49     | 24.80      | 0.3018  | 24.65     | 0.2919  |
| Highest                      |            | 1    | 0      | 24.93      | 0.3115  | 25.16     | 0.3284  |
| Lowest                       | 16QAM      | 1    | 0      | 22.39      | 0.1733  | 22.51     | 0.1781  |
| Middle                       |            | 1    | 0      | 23.68      | 0.2335  | 23.57     | 0.2277  |
| Highest                      |            | 1    | 0      | 23.95      | 0.2483  | 24.03     | 0.2527  |
| 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    | 0      | 23.79      | 0.2392  | 24.05     | 0.2538  |
| Middle                       |            | 1    | 0      | 24.80      | 0.3021  | 24.75     | 0.2987  |
| Highest                      |            | 1    | 0      | 25.04      | 0.3189  | 25.08     | 0.3225  |
| Lowest                       | 16QAM      | 1    | 74     | 22.72      | 0.1872  | 22.72     | 0.1872  |
| Middle                       |            | 1    | 74     | 23.75      | 0.2373  | 23.60     | 0.2293  |
| Highest                      |            | 1    | 0      | 24.41      | 0.2761  | 24.41     | 0.2761  |
| 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    | 0      | 23.60      | 0.2288  | 23.75     | 0.2370  |
| Middle                       |            | 1    | 0      | 24.51      | 0.2822  | 24.53     | 0.2836  |
| Highest                      |            | 1    | 0      | 25.03      | 0.3184  | 24.94     | 0.3117  |
| Lowest                       | 16QAM      | 1    | 0      | 22.65      | 0.1840  | 22.83     | 0.1917  |
| Middle                       |            | 1    | 0      | 23.74      | 0.2366  | 23.64     | 0.2310  |
| Highest                      |            | 1    | 0      | 23.96      | 0.2492  | 23.88     | 0.2446  |
| Limit                        | EIRP < 2W  |      |        | Result     |         | PASS      |         |



## **Radiated Spurious Emission**



| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 3759                 | -51.80          | -13              | -38.80                  | -66.00                  | -56.40                   | 3                          | 7.60                        | H                     |
|                                                 | 5639                 | -43.91          | -13              | -30.91                  | -57.70                  | -50.17                   | 3.84                       | 10.10                       | H                     |
|                                                 | 7518                 | -43.08          | -13              | -30.08                  | -62.86                  | -50.58                   | 4.43                       | 11.93                       | H                     |
|                                                 | 3759                 | -54.11          | -13              | -41.11                  | -66.6                   | -58.71                   | 3                          | 7.60                        | V                     |
|                                                 | 5639                 | -46.67          | -13              | -33.67                  | -59.08                  | -52.93                   | 3.84                       | 10.10                       | V                     |
|                                                 | 7518                 | -46.32          | -13              | -33.32                  | -64.11                  | -53.82                   | 4.43                       | 11.93                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3756                 | -49.76          | -13              | -36.76                  | -63.96                  | -54.36                   | 3                          | 7.60                        | H                     |
|                                               | 5636                 | -42.55          | -13              | -29.55                  | -56.34                  | -48.81                   | 3.84                       | 10.10                       | H                     |
|                                               | 7515                 | -43.25          | -13              | -30.25                  | -63.03                  | -50.75                   | 4.43                       | 11.93                       | H                     |
|                                               | 3756                 | -52.39          | -13              | -39.39                  | -64.88                  | -56.99                   | 3                          | 7.60                        | V                     |
|                                               | 5636                 | -47.67          | -13              | -34.67                  | -60.08                  | -53.93                   | 3.84                       | 10.10                       | V                     |
|                                               | 7515                 | -44.90          | -13              | -31.90                  | -62.69                  | -52.40                   | 4.43                       | 11.93                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3756                 | -50.68          | -13              | -37.68                  | -64.88                  | -55.28                   | 3                          | 7.60                        | H                     |
|                                               | 5634                 | -42.88          | -13              | -29.88                  | -56.67                  | -49.14                   | 3.84                       | 10.10                       | H                     |
|                                               | 7512                 | -43.93          | -13              | -30.93                  | -63.71                  | -51.43                   | 4.43                       | 11.93                       | H                     |
|                                               | 3756                 | -53.27          | -13              | -40.27                  | -65.76                  | -57.87                   | 3                          | 7.60                        | V                     |
|                                               | 5634                 | -47.39          | -13              | -34.39                  | -59.8                   | -53.65                   | 3.84                       | 10.10                       | V                     |
|                                               | 7512                 | -45.57          | -13              | -32.57                  | -63.36                  | -53.07                   | 4.43                       | 11.93                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3750                 | -51.54          | -13              | -38.54                  | -65.74                  | -56.14                   | 3                          | 7.60                        | H                     |
|                                                | 5627                 | -42.66          | -13              | -29.66                  | -56.45                  | -48.92                   | 3.84                       | 10.10                       | H                     |
|                                                | 7503                 | -42.64          | -13              | -29.64                  | -62.42                  | -50.14                   | 4.43                       | 11.93                       | H                     |
|                                                | 3751                 | -53.53          | -13              | -40.53                  | -66.02                  | -58.13                   | 3                          | 7.60                        | V                     |
|                                                | 5628                 | -47.58          | -13              | -34.58                  | -59.99                  | -53.84                   | 3.84                       | 10.10                       | V                     |
|                                                | 7503                 | -44.80          | -13              | -31.80                  | -62.59                  | -52.30                   | 4.43                       | 11.93                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3747                 | -51.31          | -13              | -38.31                  | -65.51                  | -55.91                   | 3                          | 7.60                        | H                     |
|                                                | 5620                 | -43.49          | -13              | -30.49                  | -57.28                  | -49.75                   | 3.84                       | 10.10                       | H                     |
|                                                | 7494                 | -43.96          | -13              | -30.96                  | -63.74                  | -51.46                   | 4.43                       | 11.93                       | H                     |
|                                                | 3747                 | -53.82          | -13              | -40.82                  | -66.31                  | -58.42                   | 3                          | 7.60                        | V                     |
|                                                | 5620                 | -48.28          | -13              | -35.28                  | -60.69                  | -54.54                   | 3.84                       | 10.10                       | V                     |
|                                                | 7494                 | -45.95          | -13              | -32.95                  | -63.74                  | -53.45                   | 4.43                       | 11.93                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3741                 | -51.74          | -13              | -38.74                  | -65.94                  | -56.34                   | 3                          | 7.60                        | H                     |
|                                                | 5613                 | -42.84          | -13              | -29.84                  | -56.63                  | -49.10                   | 3.84                       | 10.10                       | H                     |
|                                                | 7485                 | -43.72          | -13              | -30.72                  | -63.50                  | -51.22                   | 4.43                       | 11.93                       | H                     |
|                                                | 3741                 | -52.50          | -13              | -39.50                  | -64.99                  | -57.10                   | 3                          | 7.60                        | V                     |
|                                                | 5613                 | -47.32          | -13              | -34.32                  | -59.73                  | -53.58                   | 3.84                       | 10.10                       | V                     |
|                                                | 7485                 | -46.32          | -13              | -33.32                  | -64.11                  | -53.82                   | 4.43                       | 11.93                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                          | 3465                 | -52.62          | -13              | -39.62                  | -66.75                  | -56.99                   | 3.12                       | 7.49                        | H                     |
|                                                 | 5196                 | -47.65          | -13              | -34.65                  | -60.80                  | -53.45                   | 3.65                       | 9.45                        | H                     |
|                                                 | 6927                 | -45.08          | -13              | -32.08                  | -61.94                  | -52.28                   | 4.15                       | 11.35                       | H                     |
|                                                 | 3465                 | -52.83          | -13              | -39.83                  | -65.65                  | -57.20                   | 3.12                       | 7.49                        | V                     |
|                                                 | 5196                 | -45.91          | -13              | -32.91                  | -59.92                  | -51.71                   | 3.65                       | 9.45                        | V                     |
|                                                 | 6927                 | -47.37          | -13              | -34.37                  | -62.62                  | -54.57                   | 4.15                       | 11.35                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3462                 | -51.82          | -13              | -38.82                  | -65.95                  | -56.19                   | 3.12                       | 7.49                        | H                     |
|                                               | 5193                 | -46.84          | -13              | -33.84                  | -59.99                  | -52.64                   | 3.65                       | 9.45                        | H                     |
|                                               | 6924                 | -45.83          | -13              | -32.83                  | -62.69                  | -53.03                   | 4.15                       | 11.35                       | H                     |
|                                               | 3462                 | -53.12          | -13              | -40.12                  | -65.94                  | -57.49                   | 3.12                       | 7.49                        | V                     |
|                                               | 5193                 | -46.22          | -13              | -33.22                  | -60.23                  | -52.02                   | 3.65                       | 9.45                        | V                     |
|                                               | 6924                 | -47.90          | -13              | -34.90                  | -63.15                  | -55.10                   | 4.15                       | 11.35                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 3459                 | -52.91          | -13              | -39.91                  | -67.04                  | -57.28                   | 3.12                       | 7.49                        | H                     |
|                                               | 5191                 | -46.93          | -13              | -33.93                  | -60.08                  | -52.73                   | 3.65                       | 9.45                        | H                     |
|                                               | 6921                 | -47.05          | -13              | -34.05                  | -63.91                  | -54.25                   | 4.15                       | 11.35                       | H                     |
|                                               | 3459                 | -54.03          | -13              | -41.03                  | -66.85                  | -58.40                   | 3.12                       | 7.49                        | V                     |
|                                               | 5191                 | -45.76          | -13              | -32.76                  | -59.77                  | -51.56                   | 3.65                       | 9.45                        | V                     |
|                                               | 6921                 | -47.91          | -13              | -34.91                  | -63.16                  | -55.11                   | 4.15                       | 11.35                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3456                 | -53.31          | -13              | -40.31                  | -67.44                  | -57.68                   | 3.12                       | 7.49                        | H                     |
|                                                | 5184                 | -47.29          | -13              | -34.29                  | -60.44                  | -53.09                   | 3.65                       | 9.45                        | H                     |
|                                                | 6912                 | -45.84          | -13              | -32.84                  | -62.70                  | -53.04                   | 4.15                       | 11.35                       | H                     |
|                                                | 3456                 | -54.00          | -13              | -41.00                  | -66.82                  | -58.37                   | 3.12                       | 7.49                        | V                     |
|                                                | 5184                 | -44.75          | -13              | -31.75                  | -58.76                  | -50.55                   | 3.65                       | 9.45                        | V                     |
|                                                | 6912                 | -48.11          | -13              | -35.11                  | -63.36                  | -55.31                   | 4.15                       | 11.35                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3450                 | -52.50          | -13              | -39.50                  | -66.63                  | -56.87                   | 3.12                       | 7.49                        | H                     |
|                                                | 5177                 | -45.94          | -13              | -32.94                  | -59.09                  | -51.74                   | 3.65                       | 9.45                        | H                     |
|                                                | 6903                 | -46.14          | -13              | -33.14                  | -63.00                  | -53.34                   | 4.15                       | 11.35                       | H                     |
|                                                | 3450                 | -54.53          | -13              | -41.53                  | -67.35                  | -58.90                   | 3.12                       | 7.49                        | V                     |
|                                                | 5177                 | -45.50          | -13              | -32.50                  | -59.51                  | -51.30                   | 3.65                       | 9.45                        | V                     |
|                                                | 6903                 | -47.60          | -13              | -34.60                  | -62.85                  | -54.80                   | 4.15                       | 11.35                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 3447                 | -51.29          | -13              | -38.29                  | -65.42                  | -55.66                   | 3.12                       | 7.49                        | H                     |
|                                                | 5170                 | -48.72          | -13              | -35.72                  | -61.87                  | -54.52                   | 3.65                       | 9.45                        | H                     |
|                                                | 6894                 | -46.81          | -13              | -33.81                  | -63.67                  | -54.01                   | 4.15                       | 11.35                       | H                     |
|                                                | 3447                 | -54.30          | -13              | -41.30                  | -67.12                  | -58.67                   | 3.12                       | 7.49                        | V                     |
|                                                | 5172                 | -45.75          | -13              | -32.75                  | -59.76                  | -51.55                   | 3.65                       | 9.45                        | V                     |
|                                                | 6894                 | -46.99          | -13              | -33.99                  | -62.24                  | -54.19                   | 4.15                       | 11.35                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                        | 5066                 | -47.86          | -25              | -22.86                  | -61.84                  | -53.64                   | 3.49                       | 9.27                        | H                     |
|                                               | 7598                 | -44.27          | -25              | -19.27                  | -60.81                  | -52.06                   | 4.28                       | 12.07                       | H                     |
|                                               | 10132                | -43.72          | -25              | -18.72                  | -65.11                  | -51.02                   | 5.1                        | 12.40                       | H                     |
|                                               | 5066                 | -45.02          | -25              | -20.02                  | -59.18                  | -50.80                   | 3.49                       | 9.27                        | V                     |
|                                               | 7598                 | -42.74          | -25              | -17.74                  | -59.76                  | -50.53                   | 4.28                       | 12.07                       | V                     |
|                                               | 10132                | -43.67          | -25              | -18.67                  | -64.77                  | -50.97                   | 5.1                        | 12.40                       | 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<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5060                 | -47.66          | -25              | -22.66                  | -61.64                  | -53.44                   | 3.49                       | 9.27                        | H                     |
|                                                | 7592                 | -42.37          | -25              | -17.37                  | -58.91                  | -50.16                   | 4.28                       | 12.07                       | H                     |
|                                                | 10120                | -43.33          | -25              | -18.33                  | -64.72                  | -50.63                   | 5.1                        | 12.40                       | H                     |
|                                                | 5060                 | -46.07          | -25              | -21.07                  | -60.23                  | -51.85                   | 3.49                       | 9.27                        | V                     |
|                                                | 7592                 | -42.89          | -25              | -17.89                  | -59.91                  | -50.68                   | 4.28                       | 12.07                       | V                     |
|                                                | 10120                | -44.72          | -25              | -19.72                  | -65.82                  | -52.02                   | 5.1                        | 12.40                       | V                     |

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



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5057                 | -46.39          | -25              | -21.39                  | -60.37                  | -52.17                   | 3.49                       | 9.27                        | H                     |
|                                                | 7586                 | -43.15          | -25              | -18.15                  | -59.69                  | -50.94                   | 4.28                       | 12.07                       | H                     |
|                                                | 10112                | -42.62          | -25              | -17.62                  | -64.01                  | -49.92                   | 5.1                        | 12.40                       | H                     |
|                                                | 5057                 | -44.45          | -25              | -19.45                  | -58.61                  | -50.23                   | 3.49                       | 9.27                        | V                     |
|                                                | 7586                 | -43.66          | -25              | -18.66                  | -60.68                  | -51.45                   | 4.28                       | 12.07                       | V                     |
|                                                | 10112                | -44.06          | -25              | -19.06                  | -65.16                  | -51.36                   | 5.1                        | 12.40                       | V                     |

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

| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                                         | 5051                 | -49.18          | -25              | -24.18                  | -63.16                  | -54.96                   | 3.49                       | 9.27                        | H                     |
|                                                | 7580                 | -44.88          | -25              | -19.88                  | -61.42                  | -52.67                   | 4.28                       | 12.07                       | H                     |
|                                                | 10104                | -44.13          | -25              | -19.13                  | -65.52                  | -51.43                   | 5.1                        | 12.40                       | H                     |
|                                                | 5051                 | -48.32          | -25              | -23.32                  | -62.48                  | -54.10                   | 3.49                       | 9.27                        | V                     |
|                                                | 7577                 | -45.67          | -25              | -20.67                  | -62.69                  | -53.46                   | 4.28                       | 12.07                       | V                     |
|                                                | 10104                | -44.37          | -25              | -19.37                  | -65.47                  | -51.67                   | 5.1                        | 12.40                       | V                     |

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



## **Appendix D. Product Equality Declaration**

**Lenovo Mobile Communication Technology Ltd.**  
**No.999, Qishan North 2nd Road, Information & Optoelectronics Park, Torch**  
**Hi-tech Industry Development Zone, Xiamen, P.R.China**  
**Tel: 86-10-58866181; Fax: 86-10-56720293**

**Date: February 2, 2016**

## **Product Equality Declaration**

We, Lenovo Mobile Communication Technology Ltd., declare on our sole responsibility for the product of **Lenovo A6020I36** as below:

The differences between Lenovo A6020I36 and previous as below:

1. Main antenna is different.
2. Charger is different, and the model of charger is C-P35, the output is 5.2V/2.0A.

Except listings above, the others are all the same.

Should you have any questions or comments regarding this matter, please have my best attention.

Sincerely yours,

Contact Person: *Li Wei*

COMPANY: Lenovo Mobile Communication Technology Ltd.

Tel: +86-18116117204

E-Mail: liwei26@lenovo.com