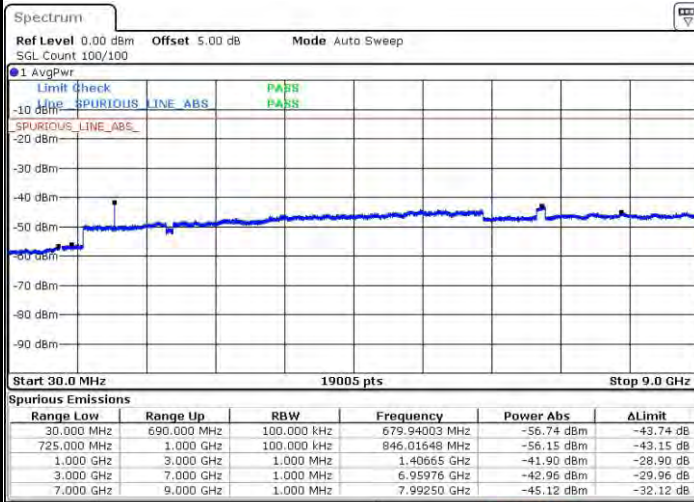




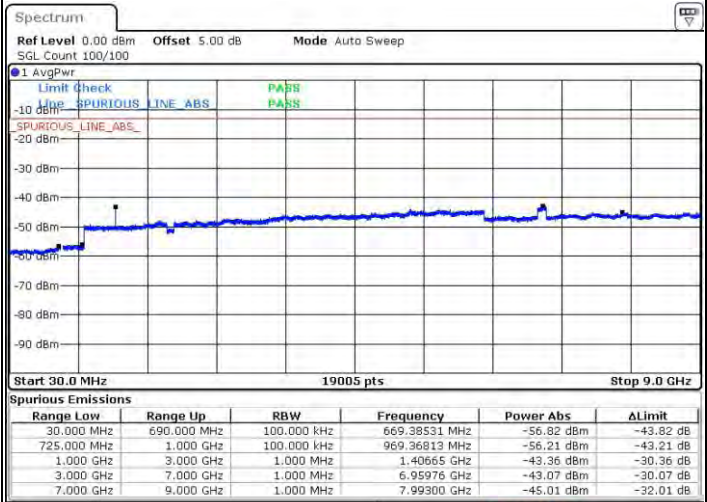
## LTE Band 12 / 10MHz

## Middle Channel / QPSK



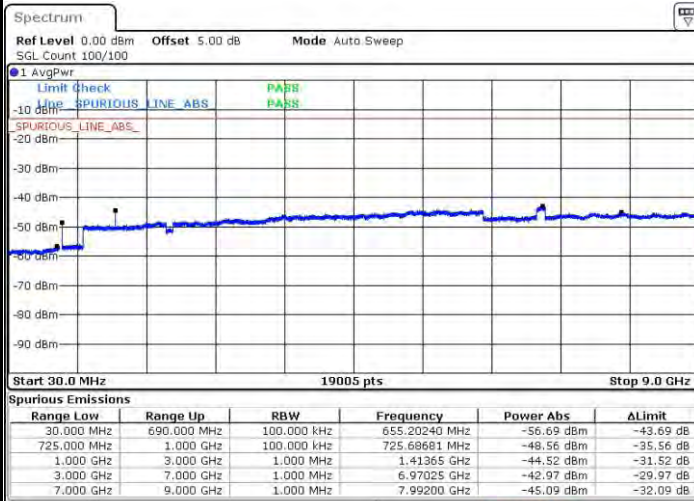
Date: 4.AUG.2015 15:52:21

## Middle Channel / 16QAM



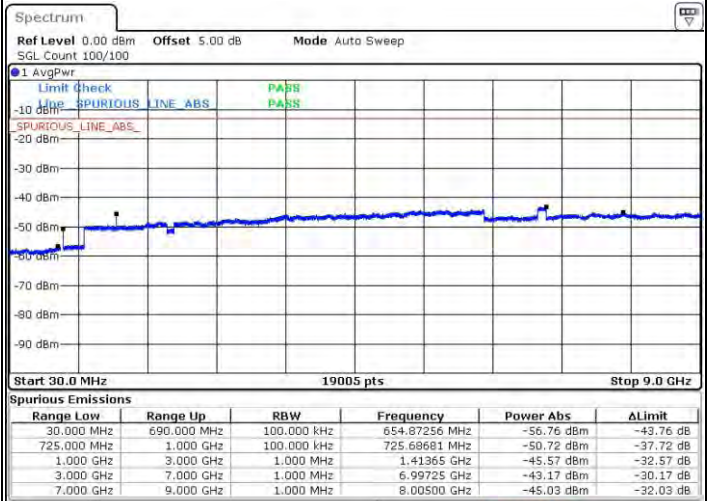
Date: 4.AUG.2015 15:51:26

## Highest Channel / QPSK



Date: 4.AUG.2015 15:53:16

## Highest Channel / 16QAM

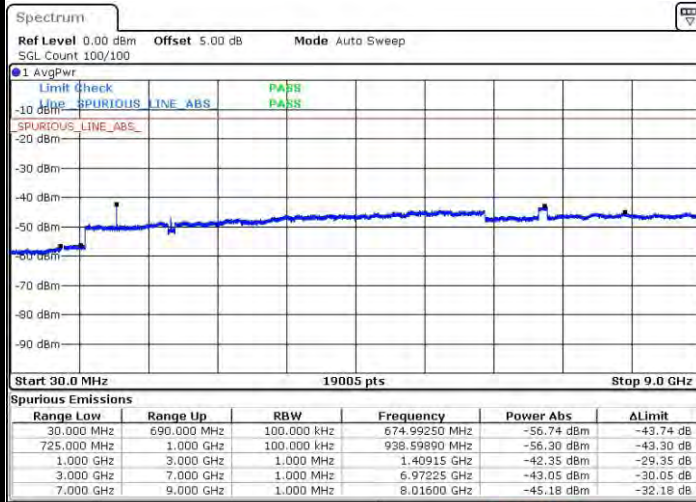


Date: 4.AUG.2015 15:54:11



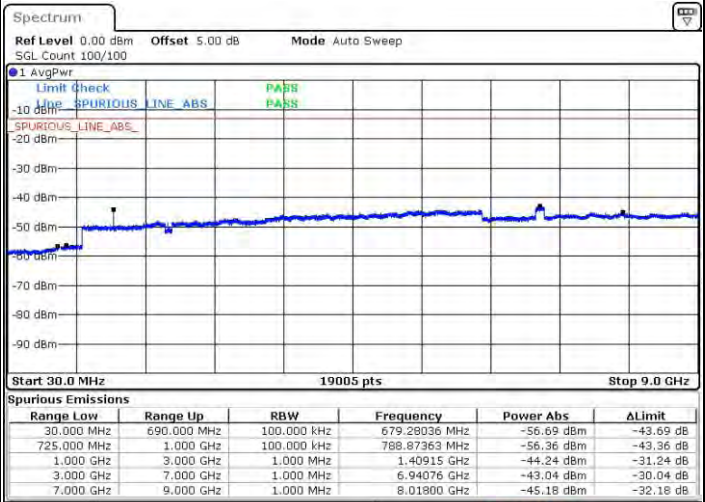
## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



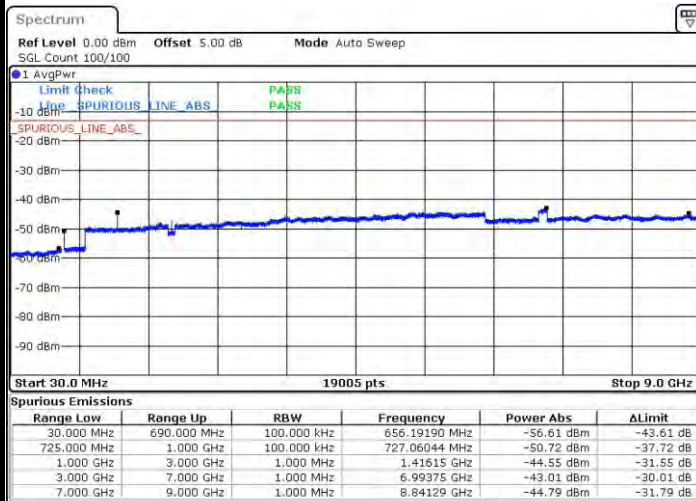
Date: 4.AUG.2015 03:27:44

## Lowest Channel / 16QAM



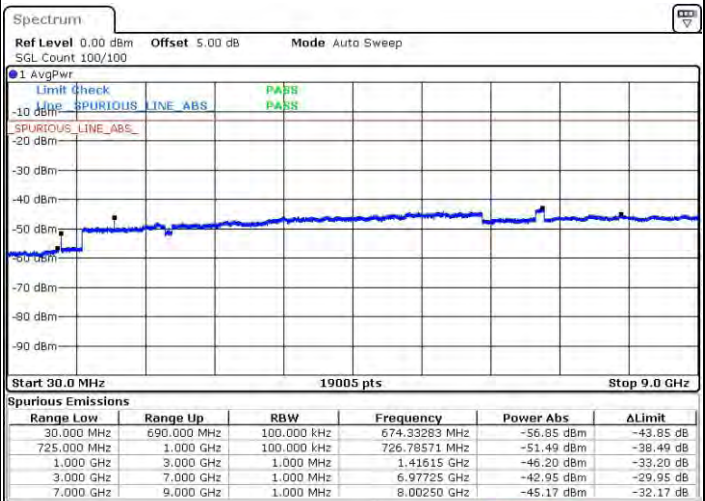
Date: 4.AUG.2015 03:28:39

## Middle Channel / QPSK



Date: 4.AUG.2015 03:30:17

## Middle Channel / 16QAM

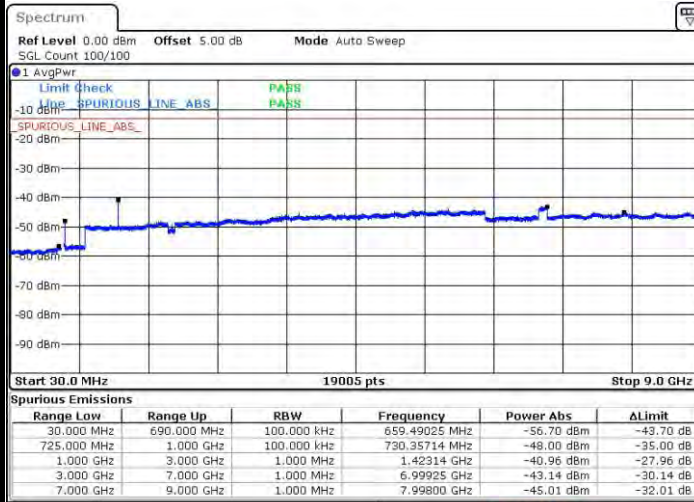


Date: 4.AUG.2015 03:31:12



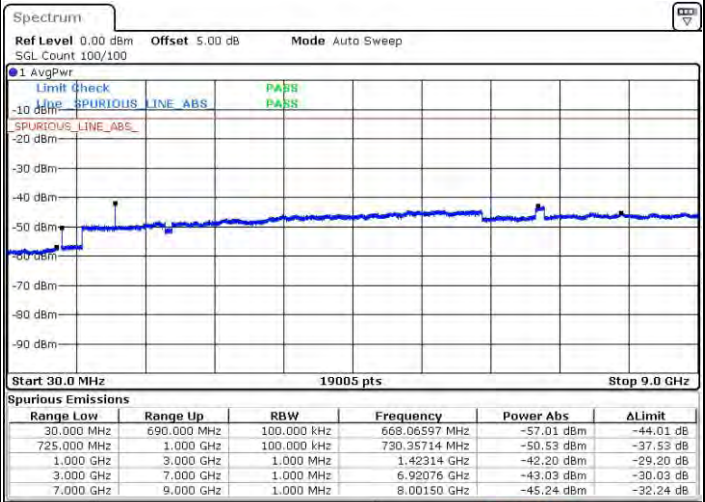
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 4.AUG.2015 03:55:32

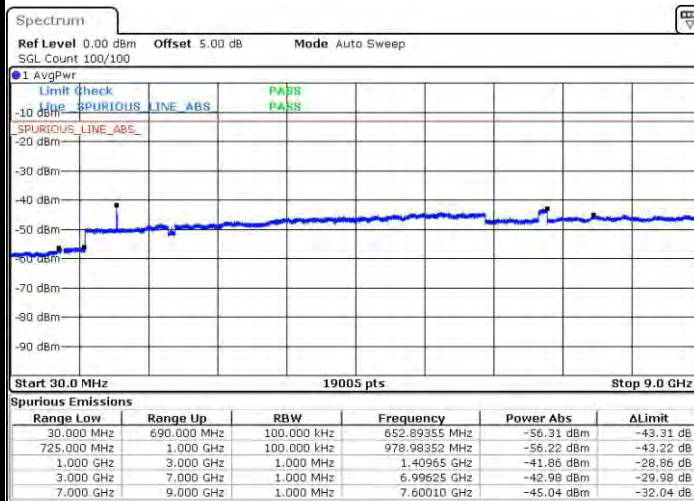
## Highest Channel / 16QAM



Date: 4.AUG.2015 03:56:27

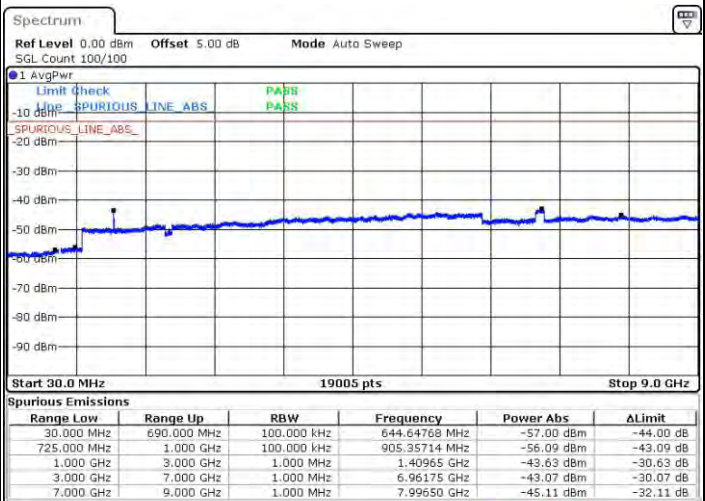
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 4.AUG.2015 04:05:37

## Lowest Channel / 16QAM

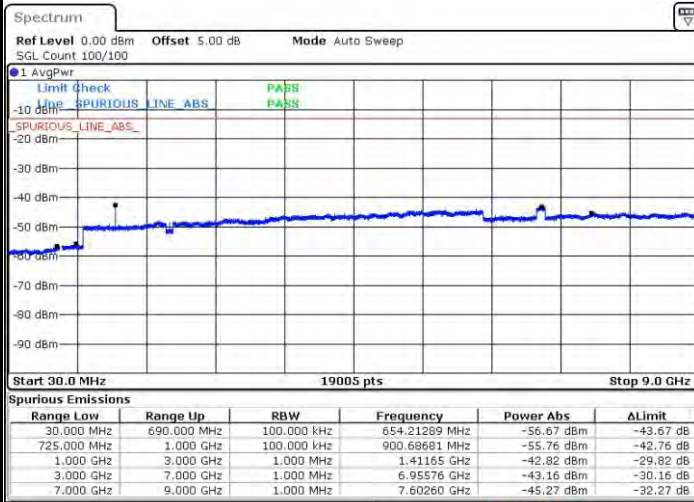


Date: 4.AUG.2015 04:06:32



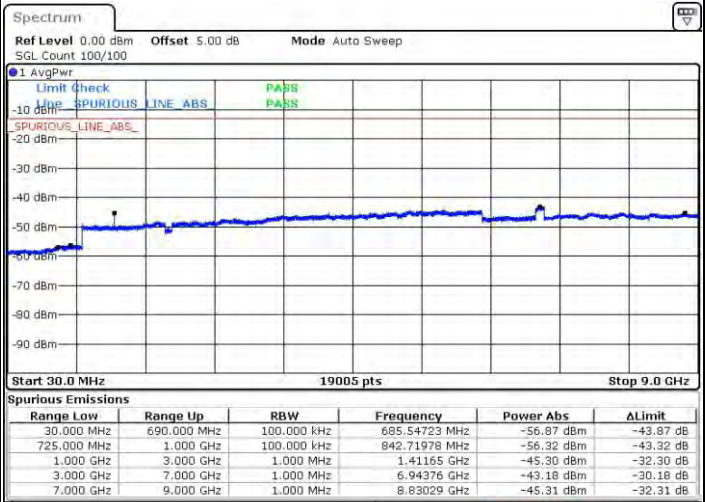
## LTE Band 17 / 10MHz

## Middle Channel / QPSK



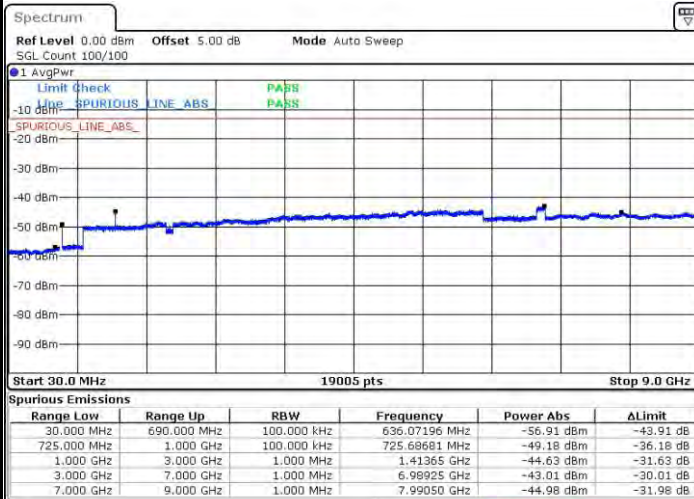
Date: 4 AUG.2015 04:08:08

## Middle Channel / 16QAM



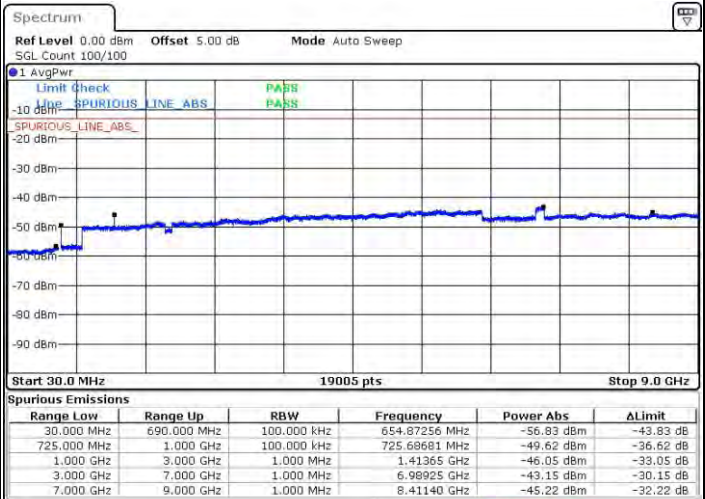
Date: 4 AUG.2015 04:09:04

## Highest Channel / QPSK



Date: 4 AUG.2015 04:18:13

## Highest Channel / 16QAM



Date: 4 AUG.2015 04:19:08

## 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    | 0.0319                             | PASS    |
| 40               | Normal Voltage    | 0.0048                             |         |
| 30               | Normal Voltage    | 0.0021                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0255                             |         |
| 0                | Normal Voltage    | 0.0207                             |         |
| -10              | Normal Voltage    | 0.0144                             |         |
| -20              | Normal Voltage    | 0.0165                             |         |
| -30              | Normal Voltage    | 0.0069                             |         |
| 20               | Maximum Voltage   | 0.0059                             |         |
| 20               | Normal Voltage    | 0.0197                             |         |
| 20               | Battery End Point | 0.0181                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. 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 (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0277                             | PASS    |
| 40               | Normal Voltage    | 0.0254                             |         |
| 30               | Normal Voltage    | 0.0087                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0098                             |         |
| 0                | Normal Voltage    | 0.0185                             |         |
| -10              | Normal Voltage    | 0.0104                             |         |
| -20              | Normal Voltage    | 0.0121                             |         |
| -30              | Normal Voltage    | 0.0173                             |         |
| 20               | Maximum Voltage   | 0.0190                             |         |
| 20               | Normal Voltage    | 0.0046                             |         |
| 20               | Battery End Point | 0.0231                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions     |                   | LTE Band 5 (QPSK) / Middle Channel | Limit  |
|---------------------|-------------------|------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | 2.5ppm |
|                     |                   | Deviation<br>(ppm)                 | Result |
| 50                  | Normal Voltage    | 0.0060                             | PASS   |
| 40                  | Normal Voltage    | 0.0024                             |        |
| 30                  | Normal Voltage    | 0.0155                             |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |        |
| 10                  | Normal Voltage    | 0.0167                             |        |
| 0                   | Normal Voltage    | 0.0048                             |        |
| -10                 | Normal Voltage    | 0.0143                             |        |
| -20                 | Normal Voltage    | 0.0036                             |        |
| -30                 | Normal Voltage    | 0.0179                             |        |
| 20                  | Maximum Voltage   | 0.0012                             |        |
| 20                  | Normal Voltage    | 0.0096                             |        |
| 20                  | Battery End Point | 0.0132                             |        |

**Note:** Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V



| 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    | 0.0037                             | PASS    |
| 40                  | Normal Voltage    | 0.0057                             |         |
| 30                  | Normal Voltage    | 0.0021                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0042                             |         |
| 0                   | Normal Voltage    | 0.0052                             |         |
| -10                 | Normal Voltage    | 0.0039                             |         |
| -20                 | Normal Voltage    | 0.0018                             |         |
| -30                 | Normal Voltage    | 0.0055                             |         |
| 20                  | Maximum Voltage   | 0.0073                             |         |
| 20                  | Normal Voltage    | 0.0017                             |         |
| 20                  | Battery End Point | 0.0077                             |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. 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    | 0.0260                              | PASS    |
| 40                  | Normal Voltage    | 0.0218                              |         |
| 30                  | Normal Voltage    | 0.0051                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0161                              |         |
| 0                   | Normal Voltage    | 0.0204                              |         |
| -10                 | Normal Voltage    | 0.0246                              |         |
| -20                 | Normal Voltage    | 0.0054                              |         |
| -30                 | Normal Voltage    | 0.0035                              |         |
| 20                  | Maximum Voltage   | 0.0147                              |         |
| 20                  | Normal Voltage    | 0.0117                              |         |
| 20                  | Battery End Point | 0.0093                              |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. 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 (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0268                              | PASS    |
| 40               | Normal Voltage    | 0.0211                              |         |
| 30               | Normal Voltage    | 0.0056                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0155                              |         |
| 0                | Normal Voltage    | 0.0197                              |         |
| -10              | Normal Voltage    | 0.0180                              |         |
| -20              | Normal Voltage    | 0.0207                              |         |
| -30              | Normal Voltage    | 0.0065                              |         |
| 20               | Maximum Voltage   | 0.0211                              |         |
| 20               | Normal Voltage    | 0.0099                              |         |
| 20               | Battery End Point | 0.0028                              |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. 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) | EIRP(W) |
| Lowest                        | QPSK       | 3    | 2      | 23.38      | 0.2178  | 20.51     | 0.1125  |
| Middle                        |            | 1    | 5      | 23.34      | 0.2158  | 20.50     | 0.1122  |
| Highest                       |            | 3    | 2      | 23.27      | 0.2123  | 19.50     | 0.0891  |
| Lowest                        | 16QAM      | 1    | 0      | 22.76      | 0.1888  | 19.79     | 0.0953  |
| Middle                        |            | 1    | 5      | 22.61      | 0.1824  | 19.67     | 0.0927  |
| Highest                       |            | 1    | 2      | 22.59      | 0.1816  | 18.91     | 0.0778  |
| 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      | 23.99      | 0.2506  | 20.95     | 0.1245  |
| Middle                      |            | 1    | 14     | 23.46      | 0.2218  | 20.92     | 0.1236  |
| Highest                     |            | 1    | 7      | 23.97      | 0.2495  | 20.52     | 0.1127  |
| Lowest                      | 16QAM      | 1    | 7      | 22.85      | 0.1928  | 20.07     | 0.1016  |
| Middle                      |            | 1    | 7      | 22.73      | 0.1875  | 19.99     | 0.0998  |
| Highest                     |            | 1    | 14     | 22.54      | 0.1795  | 19.36     | 0.0863  |
| 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    | 24     | 24.02      | 0.2523  | 21.16     | 0.1306  |
| Middle                      |            | 1    | 0      | 23.82      | 0.2410  | 21.16     | 0.1306  |
| Highest                     |            | 1    | 12     | 23.95      | 0.2483  | 20.55     | 0.1135  |
| Lowest                      | 16QAM      | 1    | 24     | 23.02      | 0.2004  | 20.34     | 0.1081  |
| Middle                      |            | 1    | 0      | 22.80      | 0.1905  | 20.04     | 0.1009  |
| Highest                     |            | 1    | 24     | 22.89      | 0.1945  | 19.32     | 0.0855  |
| 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    | 49     | 24.35      | 0.2723  | 21.11     | 0.1291  |
| Middle                       |            | 1    | 0      | 24.02      | 0.2523  | 21.09     | 0.1285  |
| Highest                      |            | 1    | 49     | 24.20      | 0.2630  | 20.49     | 0.1119  |
| Lowest                       | 16QAM      | 1    | 49     | 23.13      | 0.2056  | 20.42     | 0.1102  |
| Middle                       |            | 1    | 0      | 22.90      | 0.1950  | 20.41     | 0.1099  |
| Highest                      |            | 1    | 49     | 23.05      | 0.2018  | 19.59     | 0.0910  |
| 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    | 37     | 24.03      | 0.2529  | 21.14     | 0.1300  |
| Middle                       |            | 1    | 0      | 24.03      | 0.2529  | 20.99     | 0.1256  |
| Highest                      |            | 1    | 74     | 24.09      | 0.2564  | 21.10     | 0.1288  |
| Lowest                       | 16QAM      | 1    | 37     | 23.16      | 0.2070  | 20.26     | 0.1062  |
| Middle                       |            | 1    | 0      | 22.93      | 0.1963  | 20.24     | 0.1057  |
| Highest                      |            | 1    | 74     | 23.02      | 0.2004  | 19.74     | 0.0942  |
| 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      | 23.92      | 0.2466  | 21.07     | 0.1279  |
| Middle                       |            | 1    | 0      | 24.08      | 0.2559  | 21.20     | 0.1318  |
| Highest                      |            | 1    | 0      | 23.82      | 0.2410  | 20.97     | 0.1250  |
| Lowest                       | 16QAM      | 1    | 49     | 23.11      | 0.2046  | 20.23     | 0.1054  |
| Middle                       |            | 1    | 99     | 22.89      | 0.1945  | 19.99     | 0.0998  |
| Highest                      |            | 1    | 99     | 23.09      | 0.2037  | 19.96     | 0.0991  |
| 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    | 2      | 21.90      | 0.1549  | 20.28     | 0.1067  |
| Middle                        |            | 3    | 1      | 23.03      | 0.2009  | 21.35     | 0.1365  |
| Highest                       |            | 3    | 0      | 23.32      | 0.2148  | 21.07     | 0.1279  |
| Lowest                        | 16QAM      | 1    | 2      | 21.58      | 0.1439  | 20.12     | 0.1028  |
| Middle                        |            | 1    | 2      | 22.79      | 0.1901  | 20.94     | 0.1242  |
| Highest                       |            | 1    | 2      | 22.98      | 0.1986  | 20.66     | 0.1164  |
| 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    | 14     | 22.53      | 0.1791  | 21.06     | 0.1276  |
| Middle                      |            | 1    | 0      | 23.12      | 0.2051  | 21.45     | 0.1396  |
| Highest                     |            | 1    | 14     | 23.58      | 0.2280  | 21.30     | 0.1349  |
| Lowest                      | 16QAM      | 1    | 14     | 21.79      | 0.1510  | 20.12     | 0.1028  |
| Middle                      |            | 1    | 7      | 23.10      | 0.2042  | 21.05     | 0.1274  |
| Highest                     |            | 1    | 0      | 22.90      | 0.1950  | 20.88     | 0.1225  |
| 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    | 24     | 22.33      | 0.1710  | 20.76     | 0.1191  |
| Middle                      |            | 1    | 0      | 22.99      | 0.1991  | 21.33     | 0.1358  |
| Highest                     |            | 1    | 12     | 23.50      | 0.2239  | 21.31     | 0.1352  |
| Lowest                      | 16QAM      | 1    | 24     | 21.50      | 0.1413  | 20.13     | 0.1030  |
| Middle                      |            | 1    | 0      | 22.56      | 0.1803  | 20.74     | 0.1186  |
| Highest                     |            | 1    | 0      | 22.99      | 0.1991  | 20.85     | 0.1216  |
| 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     | 22.76      | 0.1888  | 21.33     | 0.1358  |
| Middle                       |            | 1    | 0      | 23.12      | 0.2051  | 21.44     | 0.1393  |
| Highest                      |            | 1    | 24     | 23.52      | 0.2249  | 21.31     | 0.1352  |
| Lowest                       | 16QAM      | 1    | 49     | 22.31      | 0.1702  | 20.90     | 0.1230  |
| Middle                       |            | 1    | 0      | 22.59      | 0.1816  | 21.09     | 0.1285  |
| Highest                      |            | 1    | 24     | 23.07      | 0.2028  | 20.79     | 0.1199  |
| 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    | 74     | 22.85      | 0.1928  | 21.33     | 0.1358  |
| Middle                       |            | 1    | 0      | 23.08      | 0.2032  | 21.51     | 0.1416  |
| Highest                      |            | 1    | 37     | 23.61      | 0.2296  | 21.26     | 0.1337  |
| Lowest                       | 16QAM      | 1    | 74     | 22.46      | 0.1762  | 21.19     | 0.1315  |
| Middle                       |            | 1    | 37     | 22.70      | 0.1862  | 21.24     | 0.1330  |
| Highest                      |            | 1    | 37     | 23.18      | 0.2080  | 20.82     | 0.1208  |
| 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    | 49     | 22.63      | 0.1832  | 21.02     | 0.1265  |
| Middle                       |            | 1    | 49     | 23.10      | 0.2042  | 21.47     | 0.1403  |
| Highest                      |            | 1    | 49     | 24.07      | 0.2553  | 22.11     | 0.1626  |
| Lowest                       | 16QAM      | 1    | 49     | 22.18      | 0.1652  | 20.64     | 0.1159  |
| Middle                       |            | 1    | 49     | 22.44      | 0.1754  | 21.04     | 0.1271  |
| Highest                      |            | 1    | 49     | 23.55      | 0.2265  | 21.71     | 0.1483  |
| Limit                        | EIRP < 1W  |      |        | Result     |         | PASS      |         |



| LTE Band 5 / 1.4MHz (Average) |            |      |        |            |        |          |        |
|-------------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                       | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                               |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                        | QPSK       | 3    | 2      | 17.98      | 0.0628 | 2.30     | 0.0017 |
| Middle                        |            | 3    | 2      | 18.17      | 0.0656 | 2.23     | 0.0017 |
| Highest                       |            | 3    | 0      | 17.98      | 0.0628 | 2.06     | 0.0016 |
| Lowest                        | 16QAM      | 3    | 2      | 17.70      | 0.0589 | 1.93     | 0.0016 |
| Middle                        |            | 1    | 0      | 17.33      | 0.0541 | 1.61     | 0.0014 |
| Highest                       |            | 1    | 2      | 16.92      | 0.0492 | 1.04     | 0.0013 |
| Limit                         | ERP < 7W   |      |        | Result     |        | PASS     |        |

| LTE Band 5 / 3MHz (Average) |            |      |        |            |        |          |        |
|-----------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                     | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                             |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                      | QPSK       | 8    | 7      | 18.11      | 0.0647 | 2.15     | 0.0016 |
| Middle                      |            | 8    | 0      | 17.97      | 0.0627 | 1.85     | 0.0015 |
| Highest                     |            | 8    | 7      | 17.51      | 0.0564 | 1.36     | 0.0014 |
| Lowest                      | 16QAM      | 1    | 14     | 17.90      | 0.0617 | 2.06     | 0.0016 |
| Middle                      |            | 1    | 0      | 17.61      | 0.0577 | 1.78     | 0.0015 |
| Highest                     |            | 1    | 0      | 18.24      | 0.0667 | 2.02     | 0.0016 |
| Limit                       | ERP < 7W   |      |        | Result     |        | PASS     |        |

| LTE Band 5 / 5MHz (Average) |            |      |        |            |        |          |        |
|-----------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                     | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                             |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                      | QPSK       | 1    | 24     | 18.15      | 0.0653 | 2.23     | 0.0017 |
| Middle                      |            | 12   | 6      | 17.90      | 0.0617 | 1.95     | 0.0016 |
| Highest                     |            | 12   | 11     | 18.01      | 0.0632 | 2.10     | 0.0016 |
| Lowest                      | 16QAM      | 1    | 0      | 17.93      | 0.0621 | 1.94     | 0.0016 |
| Middle                      |            | 1    | 0      | 17.67      | 0.0585 | 1.74     | 0.0015 |
| Highest                     |            | 1    | 0      | 17.22      | 0.0527 | 1.14     | 0.0013 |
| Limit                       | ERP < 7W   |      |        | Result     |        | PASS     |        |



| LTE Band 5 / 10MHz (Average) |            |      |        |            |        |          |        |
|------------------------------|------------|------|--------|------------|--------|----------|--------|
| Channel                      | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                              |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest                       | QPSK       | 1    | 0      | 18.83      | 0.0764 | 2.87     | 0.0019 |
| Middle                       |            | 1    | 0      | 18.69      | 0.0740 | 2.82     | 0.0019 |
| Highest                      |            | 1    | 0      | 18.60      | 0.0724 | 2.62     | 0.0018 |
| Lowest                       | 16QAM      | 1    | 0      | 18.04      | 0.0637 | 2.07     | 0.0016 |
| Middle                       |            | 1    | 0      | 17.82      | 0.0605 | 1.83     | 0.0015 |
| Highest                      |            | 1    | 0      | 17.44      | 0.0555 | 1.66     | 0.0015 |
| Limit                        | ERP < 7W   |      |        | Result     |        | PASS     |        |



| LTE Band 7 / 5MHz (Average) |            |      |        |            |         |           |         |
|-----------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                     | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                             |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                      | QPSK       | 1    | 12     | 20.68      | 0.1169  | 21.55     | 0.1429  |
| Middle                      |            | 1    | 24     | 20.58      | 0.1143  | 20.14     | 0.1033  |
| Highest                     |            | 1    | 0      | 20.00      | 0.1000  | 19.33     | 0.0857  |
| Lowest                      | 16QAM      | 1    | 12     | 19.81      | 0.0957  | 20.48     | 0.1117  |
| Middle                      |            | 1    | 24     | 19.60      | 0.0912  | 19.14     | 0.0820  |
| Highest                     |            | 1    | 0      | 19.05      | 0.0804  | 18.43     | 0.0697  |
| Limit                       | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 7 / 10MHz (Average) |            |      |        |            |         |           |         |
|------------------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel                      | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                              |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest                       | QPSK       | 1    | 49     | 20.72      | 0.1180  | 21.53     | 0.1422  |
| Middle                       |            | 1    | 49     | 20.64      | 0.1159  | 20.03     | 0.1007  |
| Highest                      |            | 1    | 0      | 19.81      | 0.0957  | 19.36     | 0.0863  |
| Lowest                       | 16QAM      | 1    | 0      | 19.79      | 0.0953  | 20.65     | 0.1161  |
| Middle                       |            | 1    | 49     | 19.56      | 0.0904  | 19.24     | 0.0839  |
| Highest                      |            | 1    | 0      | 19.88      | 0.0973  | 18.96     | 0.0787  |
| 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    | 37     | 20.55      | 0.1135  | 21.63     | 0.1455  |
| Middle                       |            | 1    | 74     | 20.47      | 0.1114  | 19.76     | 0.0946  |
| Highest                      |            | 1    | 0      | 20.15      | 0.1035  | 19.56     | 0.0904  |
| Lowest                       | 16QAM      | 1    | 37     | 19.54      | 0.0899  | 20.71     | 0.1178  |
| Middle                       |            | 1    | 74     | 19.43      | 0.0877  | 18.94     | 0.0783  |
| Highest                      |            | 1    | 0      | 19.25      | 0.0841  | 18.58     | 0.0721  |
| 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      | 20.54      | 0.1132  | 20.48     | 0.1117  |
| Middle                       |            | 1    | 0      | 20.32      | 0.1076  | 20.44     | 0.1107  |
| Highest                      |            | 1    | 0      | 20.55      | 0.1135  | 19.76     | 0.0946  |
| Lowest                       | 16QAM      | 1    | 49     | 19.69      | 0.0931  | 20.74     | 0.1186  |
| Middle                       |            | 1    | 99     | 19.32      | 0.0855  | 18.67     | 0.0736  |
| Highest                      |            | 1    | 0      | 20.01      | 0.1002  | 18.91     | 0.0778  |
| 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       | 1    | 0      | 16.18      | 0.0415 | -3.35    | 0.0005 |
| Middle                         |            | 6    | 0      | 16.54      | 0.0451 | -1.87    | 0.0007 |
| Highest                        |            | 6    | 0      | 16.76      | 0.0474 | -0.33    | 0.0009 |
| Lowest                         | 16QAM      | 3    | 0      | 15.24      | 0.0334 | -4.22    | 0.0004 |
| Middle                         |            | 3    | 0      | 16.00      | 0.0398 | -2.35    | 0.0006 |
| Highest                        |            | 3    | 1      | 16.34      | 0.0431 | -0.85    | 0.0008 |
| 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       | 8    | 7      | 16.30      | 0.0427 | -2.92    | 0.0005 |
| Middle                       |            | 8    | 0      | 16.43      | 0.0440 | -1.83    | 0.0007 |
| Highest                      |            | 8    | 7      | 16.90      | 0.0490 | -0.31    | 0.0009 |
| Lowest                       | 16QAM      | 1    | 0      | 15.72      | 0.0373 | -3.56    | 0.0004 |
| Middle                       |            | 1    | 14     | 16.76      | 0.0474 | -1.95    | 0.0006 |
| Highest                      |            | 1    | 14     | 16.67      | 0.0465 | -0.37    | 0.0009 |
| 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    | 0      | 16.29      | 0.0426 | -3.25    | 0.0005 |
| Middle                       |            | 12   | 11     | 16.69      | 0.0467 | -1.92    | 0.0006 |
| Highest                      |            | 12   | 11     | 17.02      | 0.0504 | -0.45    | 0.0009 |
| Lowest                       | 16QAM      | 1    | 0      | 15.77      | 0.0378 | -3.78    | 0.0004 |
| Middle                       |            | 1    | 12     | 16.50      | 0.0447 | -1.96    | 0.0006 |
| Highest                      |            | 1    | 24     | 16.70      | 0.0468 | -0.33    | 0.0009 |
| 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    | 0      | 16.44      | 0.0441 | -3.31    | 0.0005 |
| Middle                        |            | 1    | 0      | 17.29      | 0.0536 | -1.24    | 0.0008 |
| Highest                       |            | 1    | 0      | 17.22      | 0.0527 | -1.21    | 0.0008 |
| Lowest                        | 16QAM      | 1    | 49     | 16.88      | 0.0488 | -2.13    | 0.0006 |
| Middle                        |            | 1    | 49     | 16.77      | 0.0475 | -1.38    | 0.0007 |
| Highest                       |            | 1    | 49     | 16.66      | 0.0463 | -0.58    | 0.0009 |
| 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    | 24     | 16.55      | 0.0452 | -0.12    | 0.0010 |
| Middle                       |            | 1    | 24     | 17.13      | 0.0516 | 0.26     | 0.0011 |
| Highest                      |            | 1    | 24     | 17.02      | 0.0504 | 0.60     | 0.0011 |
| Lowest                       | 16QAM      | 1    | 12     | 16.62      | 0.0459 | -0.75    | 0.0008 |
| Middle                       |            | 1    | 24     | 16.84      | 0.0483 | -0.16    | 0.0010 |
| Highest                      |            | 1    | 0      | 16.09      | 0.0406 | 0.26     | 0.0011 |
| 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     | 17.12      | 0.0515 | -1.23    | 0.0008 |
| Middle                        |            | 1    | 49     | 16.79      | 0.0478 | -1.11    | 0.0008 |
| Highest                       |            | 1    | 49     | 16.74      | 0.0472 | -1.66    | 0.0007 |
| Lowest                        | 16QAM      | 1    | 0      | 16.51      | 0.0448 | -1.75    | 0.0007 |
| Middle                        |            | 1    | 49     | 16.41      | 0.0438 | -1.60    | 0.0007 |
| Highest                       |            | 1    | 49     | 16.21      | 0.0418 | -1.38    | 0.0007 |
| Limit                         | ERP < 3W   |      |        | 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) |
| Lowest                                          | 3700.32              | -42.67          | -13              | -29.67                  | -71.31                  | -54.40                   | 0.87                       | 12.60                       | H                     |
|                                                 | 5550.48              | -42.94          | -13              | -29.94                  | -73.26                  | -54.97                   | 1.07                       | 13.10                       | H                     |
|                                                 | 7400.64              | -43.40          | -13              | -30.40                  | -75.06                  | -52.83                   | 1.87                       | 11.30                       | H                     |
|                                                 | 3700.32              | -43.50          | -13              | -30.50                  | -71.95                  | -55.23                   | 0.87                       | 12.6                        | V                     |
|                                                 | 5550.48              | -41.94          | -13              | -28.94                  | -73.07                  | -53.97                   | 1.07                       | 13.1                        | V                     |
|                                                 | 7400.64              | -43.07          | -13              | -30.07                  | -74.96                  | -52.50                   | 1.87                       | 11.3                        | V                     |
| Middle                                          | 3758.92              | -44.02          | -13              | -31.02                  | -72.66                  | -55.75                   | 0.87                       | 12.60                       | H                     |
|                                                 | 5638.38              | -43.00          | -13              | -30.00                  | -73.32                  | -55.03                   | 1.07                       | 13.10                       | H                     |
|                                                 | 7517.84              | -43.97          | -13              | -30.97                  | -75.63                  | -53.40                   | 1.87                       | 11.30                       | H                     |
|                                                 | 3758.92              | -44.54          | -13              | -31.54                  | -72.99                  | -56.27                   | 0.87                       | 12.6                        | V                     |
|                                                 | 5638.38              | -42.26          | -13              | -29.26                  | -73.39                  | -54.29                   | 1.07                       | 13.1                        | V                     |
|                                                 | 7517.84              | -43.47          | -13              | -30.47                  | -75.36                  | -52.90                   | 1.87                       | 11.3                        | V                     |
| Highest                                         | 3817.52              | -43.86          | -13              | -30.86                  | -72.50                  | -55.59                   | 0.87                       | 12.60                       | H                     |
|                                                 | 5726.28              | -43.42          | -13              | -30.42                  | -73.74                  | -55.45                   | 1.07                       | 13.10                       | H                     |
|                                                 | 7635.04              | -43.74          | -13              | -30.74                  | -75.40                  | -53.17                   | 1.87                       | 11.30                       | H                     |
|                                                 | 3817.52              | -44.53          | -13              | -31.53                  | -72.98                  | -56.26                   | 0.87                       | 12.6                        | V                     |
|                                                 | 5726.28              | -41.36          | -13              | -28.36                  | -72.49                  | -53.39                   | 1.07                       | 13.1                        | V                     |
|                                                 | 7635.04              | -43.32          | -13              | -30.32                  | -75.21                  | -52.75                   | 1.87                       | 11.3                        | 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) |
| Lowest                                        | 3700.48              | -42.51          | -13              | -29.51                  | -71.15                  | -54.24                   | 0.87                       | 12.60                       | H                     |
|                                               | 5550.72              | -42.85          | -13              | -29.85                  | -73.17                  | -54.88                   | 1.07                       | 13.10                       | H                     |
|                                               | 7400.96              | -43.08          | -13              | -30.08                  | -74.74                  | -52.51                   | 1.87                       | 11.30                       | H                     |
|                                               | 3700.48              | -44.34          | -13              | -31.34                  | -72.79                  | -56.07                   | 0.87                       | 12.6                        | V                     |
|                                               | 5550.72              | -42.23          | -13              | -29.23                  | -73.36                  | -54.26                   | 1.07                       | 13.1                        | V                     |
|                                               | 7400.96              | -42.93          | -13              | -29.93                  | -74.82                  | -52.36                   | 1.87                       | 11.3                        | V                     |
| Middle                                        | 3757.48              | -44.52          | -13              | -31.52                  | -73.16                  | -56.25                   | 0.87                       | 12.60                       | H                     |
|                                               | 5636.22              | -43.07          | -13              | -30.07                  | -73.39                  | -55.10                   | 1.07                       | 13.10                       | H                     |
|                                               | 7514.96              | -43.34          | -13              | -30.34                  | -75.00                  | -52.77                   | 1.87                       | 11.30                       | H                     |
|                                               | 3757.48              | -44.36          | -13              | -31.36                  | -72.81                  | -56.09                   | 0.87                       | 12.6                        | V                     |
|                                               | 5636.22              | -42.24          | -13              | -29.24                  | -73.37                  | -54.27                   | 1.07                       | 13.1                        | V                     |
|                                               | 7514.96              | -43.47          | -13              | -30.47                  | -75.36                  | -52.90                   | 1.87                       | 11.3                        | V                     |
| Highest                                       | 3814.48              | -43.85          | -13              | -30.85                  | -72.49                  | -55.58                   | 0.87                       | 12.60                       | H                     |
|                                               | 5721.72              | -43.12          | -13              | -30.12                  | -73.44                  | -55.15                   | 1.07                       | 13.10                       | H                     |
|                                               | 7628.96              | -44.12          | -13              | -31.12                  | -75.78                  | -53.55                   | 1.87                       | 11.30                       | H                     |
|                                               | 3814.48              | -45.10          | -13              | -32.10                  | -73.55                  | -56.83                   | 0.87                       | 12.6                        | V                     |
|                                               | 5721.72              | -41.68          | -13              | -28.68                  | -72.81                  | -53.71                   | 1.07                       | 13.1                        | V                     |
|                                               | 7628.96              | -43.73          | -13              | -30.73                  | -75.62                  | -53.16                   | 1.87                       | 11.3                        | 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) |
| Lowest                                        | 3700.68              | -42.99          | -13              | -29.99                  | -71.63                  | -54.72                   | 0.87                       | 12.60                       | H                     |
|                                               | 5551.02              | -43.52          | -13              | -30.52                  | -73.84                  | -55.55                   | 1.07                       | 13.10                       | H                     |
|                                               | 7401.36              | -43.72          | -13              | -30.72                  | -75.38                  | -53.15                   | 1.87                       | 11.30                       | H                     |
|                                               | 3700.68              | -43.59          | -13              | -30.59                  | -72.04                  | -55.32                   | 0.87                       | 12.6                        | V                     |
|                                               | 5551.02              | -42.11          | -13              | -29.11                  | -73.24                  | -54.14                   | 1.07                       | 13.1                        | V                     |
|                                               | 7401.36              | -42.86          | -13              | -29.86                  | -74.75                  | -52.29                   | 1.87                       | 11.3                        | V                     |
| Middle                                        | 3755.68              | -44.81          | -13              | -31.81                  | -73.45                  | -56.54                   | 0.87                       | 12.60                       | H                     |
|                                               | 5633.52              | -42.87          | -13              | -29.87                  | -73.19                  | -54.90                   | 1.07                       | 13.10                       | H                     |
|                                               | 7511.36              | -44.02          | -13              | -31.02                  | -75.68                  | -53.45                   | 1.87                       | 11.30                       | H                     |
|                                               | 3755.68              | -44.66          | -13              | -31.66                  | -73.11                  | -56.39                   | 0.87                       | 12.6                        | V                     |
|                                               | 5633.52              | -42.53          | -13              | -29.53                  | -73.66                  | -54.56                   | 1.07                       | 13.1                        | V                     |
|                                               | 7511.36              | -42.74          | -13              | -29.74                  | -74.63                  | -52.17                   | 1.87                       | 11.3                        | V                     |
| Highest                                       | 3814.48              | -44.15          | -13              | -31.15                  | -72.79                  | -55.88                   | 0.87                       | 12.60                       | H                     |
|                                               | 5721.72              | -42.76          | -13              | -29.76                  | -73.08                  | -54.79                   | 1.07                       | 13.10                       | H                     |
|                                               | 7628.96              | -44.09          | -13              | -31.09                  | -75.75                  | -53.52                   | 1.87                       | 11.30                       | H                     |
|                                               | 3814.48              | -44.69          | -13              | -31.69                  | -73.14                  | -56.42                   | 0.87                       | 12.6                        | V                     |
|                                               | 5721.72              | -41.04          | -13              | -28.04                  | -72.17                  | -53.07                   | 1.07                       | 13.1                        | V                     |
|                                               | 7628.96              | -43.39          | -13              | -30.39                  | -75.28                  | -52.82                   | 1.87                       | 11.3                        | 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) |
| Lowest                                         | 3701.18              | -43.26          | -13              | -30.26                  | -71.90                  | -54.99                   | 0.87                       | 12.60                       | H                     |
|                                                | 5551.77              | -42.95          | -13              | -29.95                  | -73.27                  | -54.98                   | 1.07                       | 13.10                       | H                     |
|                                                | 7402.36              | -42.59          | -13              | -29.59                  | -74.25                  | -52.02                   | 1.87                       | 11.30                       | H                     |
|                                                | 3701.18              | -44.30          | -13              | -31.30                  | -72.75                  | -56.03                   | 0.87                       | 12.6                        | V                     |
|                                                | 5551.77              | -42.68          | -13              | -29.68                  | -73.81                  | -54.71                   | 1.07                       | 13.1                        | V                     |
|                                                | 7402.36              | -43.51          | -13              | -30.51                  | -75.4                   | -52.94                   | 1.87                       | 11.3                        | V                     |
| Middle                                         | 3751.18              | -43.39          | -13              | -30.39                  | -72.03                  | -55.12                   | 0.87                       | 12.60                       | H                     |
|                                                | 5626.77              | -42.91          | -13              | -29.91                  | -73.23                  | -54.94                   | 1.07                       | 13.10                       | H                     |
|                                                | 7502.36              | -44.34          | -13              | -31.34                  | -76.00                  | -53.77                   | 1.87                       | 11.30                       | H                     |
|                                                | 3751.18              | -44.14          | -13              | -31.14                  | -72.59                  | -55.87                   | 0.87                       | 12.6                        | V                     |
|                                                | 5626.77              | -42.22          | -13              | -29.22                  | -73.35                  | -54.25                   | 1.07                       | 13.1                        | V                     |
|                                                | 7502.36              | -44.20          | -13              | -31.20                  | -76.09                  | -53.63                   | 1.87                       | 11.3                        | V                     |
| Highest                                        | 3801.18              | -44.56          | -13              | -31.56                  | -73.20                  | -56.29                   | 0.87                       | 12.60                       | H                     |
|                                                | 5701.77              | -42.64          | -13              | -29.64                  | -72.96                  | -54.67                   | 1.07                       | 13.10                       | H                     |
|                                                | 7602.36              | -43.98          | -13              | -30.98                  | -75.64                  | -53.41                   | 1.87                       | 11.30                       | H                     |
|                                                | 3801.18              | -44.53          | -13              | -31.53                  | -72.98                  | -56.26                   | 0.87                       | 12.6                        | V                     |
|                                                | 5701.77              | -42.11          | -13              | -29.11                  | -73.24                  | -54.14                   | 1.07                       | 13.1                        | V                     |
|                                                | 7602.36              | -43.48          | -13              | -30.48                  | -75.37                  | -52.91                   | 1.87                       | 11.3                        | 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) |
| Lowest                                         | 3701.68              | -43.66          | -13              | -30.66                  | -72.30                  | -55.39                   | 0.87                       | 12.60                       | H                     |
|                                                | 5552.52              | -42.69          | -13              | -29.69                  | -73.01                  | -54.72                   | 1.07                       | 13.10                       | H                     |
|                                                | 7403.36              | -42.45          | -13              | -29.45                  | -74.11                  | -51.88                   | 1.87                       | 11.30                       | H                     |
|                                                | 3701.68              | -43.97          | -13              | -30.97                  | -72.42                  | -55.70                   | 0.87                       | 12.6                        | V                     |
|                                                | 5552.52              | -42.29          | -13              | -29.29                  | -73.42                  | -54.32                   | 1.07                       | 13.1                        | V                     |
|                                                | 7403.36              | -43.66          | -13              | -30.66                  | -75.55                  | -53.09                   | 1.87                       | 11.3                        | V                     |
| Middle                                         | 3746.68              | -44.20          | -13              | -31.20                  | -72.84                  | -55.93                   | 0.87                       | 12.60                       | H                     |
|                                                | 5620.02              | -42.19          | -13              | -29.19                  | -72.51                  | -54.22                   | 1.07                       | 13.10                       | H                     |
|                                                | 7493.36              | -44.28          | -13              | -31.28                  | -75.94                  | -53.71                   | 1.87                       | 11.30                       | H                     |
|                                                | 3746.68              | -44.54          | -13              | -31.54                  | -72.99                  | -56.27                   | 0.87                       | 12.6                        | V                     |
|                                                | 5620.02              | -41.80          | -13              | -28.80                  | -72.93                  | -53.83                   | 1.07                       | 13.1                        | V                     |
|                                                | 7493.36              | -42.99          | -13              | -29.99                  | -74.88                  | -52.42                   | 1.87                       | 11.3                        | V                     |
| Highest                                        | 3791.68              | -43.94          | -13              | -30.94                  | -72.58                  | -55.67                   | 0.87                       | 12.60                       | H                     |
|                                                | 5687.52              | -43.20          | -13              | -30.20                  | -73.52                  | -55.23                   | 1.07                       | 13.10                       | H                     |
|                                                | 7583.36              | -43.77          | -13              | -30.77                  | -75.43                  | -53.20                   | 1.87                       | 11.30                       | H                     |
|                                                | 3791.68              | -44.58          | -13              | -31.58                  | -73.03                  | -56.31                   | 0.87                       | 12.6                        | V                     |
|                                                | 5687.52              | -41.90          | -13              | -28.90                  | -73.03                  | -53.93                   | 1.07                       | 13.1                        | V                     |
|                                                | 7583.36              | -43.32          | -13              | -30.32                  | -75.21                  | -52.75                   | 1.87                       | 11.3                        | 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) |
| Lowest                                         | 3702.18              | -44.10          | -13              | -31.10                  | -72.74                  | -55.83                   | 0.87                       | 12.60                       | H                     |
|                                                | 5553.27              | -42.91          | -13              | -29.91                  | -73.23                  | -54.94                   | 1.07                       | 13.10                       | H                     |
|                                                | 7404.36              | -43.82          | -13              | -30.82                  | -75.48                  | -53.25                   | 1.87                       | 11.30                       | H                     |
|                                                | 3702.18              | -44.22          | -13              | -31.22                  | -72.67                  | -55.95                   | 0.87                       | 12.6                        | V                     |
|                                                | 5553.27              | -42.82          | -13              | -29.82                  | -73.95                  | -54.85                   | 1.07                       | 13.1                        | V                     |
|                                                | 7404.36              | -43.55          | -13              | -30.55                  | -75.44                  | -52.98                   | 1.87                       | 11.3                        | V                     |
| Middle                                         | 3742.18              | -44.04          | -13              | -31.04                  | -72.68                  | -55.77                   | 0.87                       | 12.60                       | H                     |
|                                                | 5613.27              | -42.86          | -13              | -29.86                  | -73.18                  | -54.89                   | 1.07                       | 13.10                       | H                     |
|                                                | 7484.36              | -43.78          | -13              | -30.78                  | -75.44                  | -53.21                   | 1.87                       | 11.30                       | H                     |
|                                                | 3742.18              | -44.35          | -13              | -31.35                  | -72.8                   | -56.08                   | 0.87                       | 12.6                        | V                     |
|                                                | 5613.27              | -42.25          | -13              | -29.25                  | -73.38                  | -54.28                   | 1.07                       | 13.1                        | V                     |
|                                                | 7484.36              | -43.61          | -13              | -30.61                  | -75.5                   | -53.04                   | 1.87                       | 11.3                        | V                     |
| Highest                                        | 3782.18              | -44.25          | -13              | -31.25                  | -72.89                  | -55.98                   | 0.87                       | 12.60                       | H                     |
|                                                | 5673.27              | -42.78          | -13              | -29.78                  | -73.10                  | -54.81                   | 1.07                       | 13.10                       | H                     |
|                                                | 7564.36              | -43.52          | -13              | -30.52                  | -75.18                  | -52.95                   | 1.87                       | 11.30                       | H                     |
|                                                | 3782.18              | -43.29          | -13              | -30.29                  | -71.74                  | -55.02                   | 0.87                       | 12.6                        | V                     |
|                                                | 5673.27              | -42.28          | -13              | -29.28                  | -73.41                  | -54.31                   | 1.07                       | 13.1                        | V                     |
|                                                | 7564.36              | -44.00          | -13              | -31.00                  | -75.89                  | -53.43                   | 1.87                       | 11.3                        | 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) |
| Lowest                                          | 3420.32              | -44.43          | -13              | -31.43                  | -71.06                  | -56.22                   | 0.81                       | 12.60                       | H                     |
|                                                 | 5130.48              | -42.28          | -13              | -29.28                  | -71.80                  | -54.03                   | 0.95                       | 12.70                       | H                     |
|                                                 | 6840.64              | -44.49          | -13              | -31.49                  | -74.89                  | -55.06                   | 1.13                       | 11.70                       | H                     |
|                                                 | 3420.32              | -49.04          | -13              | -36.04                  | -71.32                  | -60.83                   | 0.81                       | 12.6                        | V                     |
|                                                 | 5130.48              | -47.68          | -13              | -34.68                  | -72.21                  | -59.43                   | 0.95                       | 12.7                        | V                     |
|                                                 | 6840.64              | -42.93          | -13              | -29.93                  | -74.74                  | -53.50                   | 1.13                       | 11.7                        | V                     |
| Middle                                          | 3463.74              | -44.38          | -13              | -31.38                  | -71.01                  | -56.17                   | 0.81                       | 12.60                       | H                     |
|                                                 | 5195.61              | -43.57          | -13              | -30.57                  | -73.09                  | -55.32                   | 0.95                       | 12.70                       | H                     |
|                                                 | 6927.48              | -45.00          | -13              | -32.00                  | -75.40                  | -55.57                   | 1.13                       | 11.70                       | H                     |
|                                                 | 3463.74              | -49.10          | -13              | -36.10                  | -71.38                  | -60.89                   | 0.81                       | 12.6                        | V                     |
|                                                 | 5195.61              | -48.34          | -13              | -35.34                  | -72.87                  | -60.09                   | 0.95                       | 12.7                        | V                     |
|                                                 | 6927.48              | -43.14          | -13              | -30.14                  | -74.95                  | -53.71                   | 1.13                       | 11.7                        | V                     |
| Highest                                         | 3507.52              | -44.07          | -13              | -31.07                  | -70.70                  | -55.86                   | 0.81                       | 12.60                       | H                     |
|                                                 | 5261.28              | -43.45          | -13              | -30.45                  | -72.97                  | -55.20                   | 0.95                       | 12.70                       | H                     |
|                                                 | 7015.04              | -44.63          | -13              | -31.63                  | -75.03                  | -55.20                   | 1.13                       | 11.70                       | H                     |
|                                                 | 3507.52              | -48.89          | -13              | -35.89                  | -71.17                  | -60.68                   | 0.81                       | 12.6                        | V                     |
|                                                 | 5261.28              | -47.93          | -13              | -34.93                  | -72.46                  | -59.68                   | 0.95                       | 12.7                        | V                     |
|                                                 | 7015.04              | -43.84          | -13              | -30.84                  | -75.65                  | -54.41                   | 1.13                       | 11.7                        | V                     |

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



| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<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) |
| Lowest                                        | 3420.48              | -44.14          | -13              | -31.14                  | -70.77                  | -55.93                   | 0.81                       | 12.60                       | H                     |
|                                               | 5130.72              | -72.61          | -13              | -59.61                  | -72.61                  | -84.36                   | 0.95                       | 12.70                       | H                     |
|                                               | 6840.96              | -44.53          | -13              | -31.53                  | -74.93                  | -55.10                   | 1.13                       | 11.70                       | H                     |
|                                               | 3420.48              | -47.91          | -13              | -34.91                  | -70.19                  | -59.70                   | 0.81                       | 12.6                        | V                     |
|                                               | 5130.72              | -48.10          | -13              | -35.10                  | -72.63                  | -59.85                   | 0.95                       | 12.7                        | V                     |
|                                               | 6840.96              | -42.77          | -13              | -29.77                  | -74.58                  | -53.34                   | 1.13                       | 11.7                        | V                     |
| Middle                                        | 3462.48              | -45.17          | -13              | -32.17                  | -71.80                  | -56.96                   | 0.81                       | 12.60                       | H                     |
|                                               | 5193.72              | -43.92          | -13              | -30.92                  | -73.44                  | -55.67                   | 0.95                       | 12.70                       | H                     |
|                                               | 6924.96              | -44.52          | -13              | -31.52                  | -74.92                  | -55.09                   | 1.13                       | 11.70                       | H                     |
|                                               | 3462.48              | -49.33          | -13              | -36.33                  | -71.61                  | -61.12                   | 0.81                       | 12.6                        | V                     |
|                                               | 5193.72              | -48.71          | -13              | -35.71                  | -73.24                  | -60.46                   | 0.95                       | 12.7                        | V                     |
|                                               | 6924.96              | -42.81          | -13              | -29.81                  | -74.62                  | -53.38                   | 1.13                       | 11.7                        | V                     |
| Highest                                       | 3504.48              | -44.35          | -13              | -31.35                  | -70.98                  | -56.14                   | 0.81                       | 12.60                       | H                     |
|                                               | 5256.72              | -43.73          | -13              | -30.73                  | -73.25                  | -55.48                   | 0.95                       | 12.70                       | H                     |
|                                               | 7008.96              | -44.59          | -13              | -31.59                  | -74.99                  | -55.16                   | 1.13                       | 11.70                       | H                     |
|                                               | 3504.48              | -49.05          | -13              | -36.05                  | -71.33                  | -60.84                   | 0.81                       | 12.6                        | V                     |
|                                               | 5256.72              | -48.67          | -13              | -35.67                  | -73.2                   | -60.42                   | 0.95                       | 12.7                        | V                     |
|                                               | 7008.96              | -43.36          | -13              | -30.36                  | -75.17                  | -53.93                   | 1.13                       | 11.7                        | 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) |
| Lowest                                        | 3420.68              | -44.77          | -13              | -31.77                  | -71.40                  | -56.56                   | 0.81                       | 12.60                       | H                     |
|                                               | 5131.02              | -43.77          | -13              | -30.77                  | -73.29                  | -55.52                   | 0.95                       | 12.70                       | H                     |
|                                               | 6841.36              | -44.40          | -13              | -31.40                  | -74.80                  | -54.97                   | 1.13                       | 11.70                       | H                     |
|                                               | 3420.68              | -49.32          | -13              | -36.32                  | -71.6                   | -61.11                   | 0.81                       | 12.6                        | V                     |
|                                               | 5131.02              | -48.03          | -13              | -35.03                  | -72.56                  | -59.78                   | 0.95                       | 12.7                        | V                     |
|                                               | 6841.36              | -42.62          | -13              | -29.62                  | -74.43                  | -53.19                   | 1.13                       | 11.7                        | V                     |
| Middle                                        | 3460.68              | -45.21          | -13              | -32.21                  | -71.84                  | -57.00                   | 0.81                       | 12.60                       | H                     |
|                                               | 5191.02              | -43.02          | -13              | -30.02                  | -72.54                  | -54.77                   | 0.95                       | 12.70                       | H                     |
|                                               | 6921.36              | -44.27          | -13              | -31.27                  | -74.67                  | -54.84                   | 1.13                       | 11.70                       | H                     |
|                                               | 3460.68              | -48.58          | -13              | -35.58                  | -70.86                  | -60.37                   | 0.81                       | 12.6                        | V                     |
|                                               | 5191.02              | -48.75          | -13              | -35.75                  | -73.28                  | -60.50                   | 0.95                       | 12.7                        | V                     |
|                                               | 6921.36              | -42.87          | -13              | -29.87                  | -74.68                  | -53.44                   | 1.13                       | 11.7                        | V                     |
| Highest                                       | 3500.68              | -44.66          | -13              | -31.66                  | -71.29                  | -56.45                   | 0.81                       | 12.60                       | H                     |
|                                               | 5251.02              | -44.05          | -13              | -31.05                  | -73.57                  | -55.80                   | 0.95                       | 12.70                       | H                     |
|                                               | 7001.36              | -44.85          | -13              | -31.85                  | -75.25                  | -55.42                   | 1.13                       | 11.70                       | H                     |
|                                               | 3500.68              | -48.99          | -13              | -35.99                  | -71.27                  | -60.78                   | 0.81                       | 12.6                        | V                     |
|                                               | 5251.02              | -48.92          | -13              | -35.92                  | -73.45                  | -60.67                   | 0.95                       | 12.7                        | V                     |
|                                               | 7001.36              | -43.48          | -13              | -30.48                  | -75.29                  | -54.05                   | 1.13                       | 11.7                        | 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) |
| Lowest                                         | 3421.18              | -44.02          | -13              | -31.02                  | -70.65                  | -55.81                   | 0.81                       | 12.60                       | H                     |
|                                                | 5131.77              | -42.87          | -13              | -29.87                  | -72.39                  | -54.62                   | 0.95                       | 12.70                       | H                     |
|                                                | 6842.36              | -44.11          | -13              | -31.11                  | -74.51                  | -54.68                   | 1.13                       | 11.70                       | H                     |
|                                                | 3421.18              | -48.97          | -13              | -35.97                  | -71.25                  | -60.76                   | 0.81                       | 12.6                        | V                     |
|                                                | 5131.77              | -48.87          | -13              | -35.87                  | -73.4                   | -60.62                   | 0.95                       | 12.7                        | V                     |
|                                                | 6842.36              | -42.87          | -13              | -29.87                  | -74.68                  | -53.44                   | 1.13                       | 11.7                        | V                     |
| Middle                                         | 3456.18              | -44.70          | -13              | -31.70                  | -71.33                  | -56.49                   | 0.81                       | 12.60                       | H                     |
|                                                | 5184.27              | -43.60          | -13              | -30.60                  | -73.12                  | -55.35                   | 0.95                       | 12.70                       | H                     |
|                                                | 6912.36              | -44.17          | -13              | -31.17                  | -74.57                  | -54.74                   | 1.13                       | 11.70                       | H                     |
|                                                | 3456.18              | -49.20          | -13              | -36.20                  | -71.48                  | -60.99                   | 0.81                       | 12.6                        | V                     |
|                                                | 5184.27              | -48.49          | -13              | -35.49                  | -73.02                  | -60.24                   | 0.95                       | 12.7                        | V                     |
|                                                | 6912.36              | -43.03          | -13              | -30.03                  | -74.84                  | -53.60                   | 1.13                       | 11.7                        | V                     |
| Highest                                        | 3491.18              | -43.97          | -13              | -30.97                  | -70.60                  | -55.76                   | 0.81                       | 12.60                       | H                     |
|                                                | 5236.77              | -43.79          | -13              | -30.79                  | -73.31                  | -55.54                   | 0.95                       | 12.70                       | H                     |
|                                                | 6982.36              | -44.57          | -13              | -31.57                  | -74.97                  | -55.14                   | 1.13                       | 11.70                       | H                     |
|                                                | 3491.18              | -49.14          | -13              | -36.14                  | -71.42                  | -60.93                   | 0.81                       | 12.6                        | V                     |
|                                                | 5236.77              | -48.67          | -13              | -35.67                  | -73.2                   | -60.42                   | 0.95                       | 12.7                        | V                     |
|                                                | 6982.36              | -42.88          | -13              | -29.88                  | -74.69                  | -53.45                   | 1.13                       | 11.7                        | 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) |
| Lowest                                         | 3421.68              | -43.14          | -13              | -30.14                  | -69.77                  | -54.93                   | 0.81                       | 12.60                       | H                     |
|                                                | 5132.52              | -42.97          | -13              | -29.97                  | -72.49                  | -54.72                   | 0.95                       | 12.70                       | H                     |
|                                                | 6843.36              | -44.11          | -13              | -31.11                  | -74.51                  | -54.68                   | 1.13                       | 11.70                       | H                     |
|                                                | 3421.68              | -47.28          | -13              | -34.28                  | -69.56                  | -59.07                   | 0.81                       | 12.6                        | V                     |
|                                                | 5132.52              | -47.97          | -13              | -34.97                  | -72.5                   | -59.72                   | 0.95                       | 12.7                        | V                     |
|                                                | 6843.36              | -42.26          | -13              | -29.26                  | -74.07                  | -52.83                   | 1.13                       | 11.7                        | V                     |
| Middle                                         | 3451.68              | -44.70          | -13              | -31.70                  | -71.33                  | -56.49                   | 0.81                       | 12.60                       | H                     |
|                                                | 5177.52              | -43.48          | -13              | -30.48                  | -73.00                  | -55.23                   | 0.95                       | 12.70                       | H                     |
|                                                | 6903.36              | -44.67          | -13              | -31.67                  | -75.07                  | -55.24                   | 1.13                       | 11.70                       | H                     |
|                                                | 3451.68              | -49.29          | -13              | -36.29                  | -71.57                  | -61.08                   | 0.81                       | 12.6                        | V                     |
|                                                | 5177.52              | -47.82          | -13              | -34.82                  | -72.35                  | -59.57                   | 0.95                       | 12.7                        | V                     |
|                                                | 6903.36              | -43.38          | -13              | -30.38                  | -75.19                  | -53.95                   | 1.13                       | 11.7                        | V                     |
| Highest                                        | 3481.68              | -43.77          | -13              | -30.77                  | -70.40                  | -55.56                   | 0.81                       | 12.60                       | H                     |
|                                                | 5222.52              | -43.52          | -13              | -30.52                  | -73.04                  | -55.27                   | 0.95                       | 12.70                       | H                     |
|                                                | 6963.36              | -44.78          | -13              | -31.78                  | -75.18                  | -55.35                   | 1.13                       | 11.70                       | H                     |
|                                                | 3481.68              | -49.35          | -13              | -36.35                  | -71.63                  | -61.14                   | 0.81                       | 12.6                        | V                     |
|                                                | 5222.52              | -47.85          | -13              | -34.85                  | -72.38                  | -59.60                   | 0.95                       | 12.7                        | V                     |
|                                                | 6963.36              | -43.65          | -13              | -30.65                  | -75.46                  | -54.22                   | 1.13                       | 11.7                        | 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) |
| Lowest                                         | 3422.18              | -42.30          | -13              | -29.30                  | -68.93                  | -54.09                   | 0.81                       | 12.60                       | H                     |
|                                                | 5133.27              | -43.14          | -13              | -30.14                  | -72.66                  | -54.89                   | 0.95                       | 12.70                       | H                     |
|                                                | 6844.36              | -44.61          | -13              | -31.61                  | -75.01                  | -55.18                   | 1.13                       | 11.70                       | H                     |
|                                                | 3422.18              | -46.73          | -13              | -33.73                  | -69.12                  | -58.52                   | 0.81                       | 12.6                        | V                     |
|                                                | 5133.27              | -47.89          | -13              | -34.89                  | -72.42                  | -59.64                   | 0.95                       | 12.7                        | V                     |
|                                                | 6844.36              | -43.01          | -13              | -30.01                  | -74.82                  | -53.58                   | 1.13                       | 11.7                        | V                     |
| Middle                                         | 3447.18              | -44.23          | -13              | -31.23                  | -70.86                  | -56.02                   | 0.81                       | 12.60                       | H                     |
|                                                | 5170.77              | -43.13          | -13              | -30.13                  | -72.65                  | -54.88                   | 0.95                       | 12.70                       | H                     |
|                                                | 6894.36              | -44.45          | -13              | -31.45                  | -74.85                  | -55.02                   | 1.13                       | 11.70                       | H                     |
|                                                | 3447.18              | -48.75          | -13              | -35.75                  | -71.03                  | -60.54                   | 0.81                       | 12.6                        | V                     |
|                                                | 5170.77              | -47.04          | -13              | -34.04                  | -71.57                  | -58.79                   | 0.95                       | 12.7                        | V                     |
|                                                | 6894.36              | -43.04          | -13              | -30.04                  | -74.85                  | -53.61                   | 1.13                       | 11.7                        | V                     |
| Highest                                        | 3472.18              | -44.51          | -13              | -31.51                  | -71.14                  | -56.30                   | 0.81                       | 12.60                       | H                     |
|                                                | 5208.27              | -43.43          | -13              | -30.43                  | -72.95                  | -55.18                   | 0.95                       | 12.70                       | H                     |
|                                                | 6944.36              | -44.83          | -13              | -31.83                  | -75.23                  | -55.40                   | 1.13                       | 11.70                       | H                     |
|                                                | 3472.18              | -49.49          | -13              | -36.49                  | -71.77                  | -61.28                   | 0.81                       | 12.6                        | V                     |
|                                                | 5208.27              | -48.23          | -13              | -35.23                  | -72.76                  | -59.98                   | 0.95                       | 12.7                        | V                     |
|                                                | 6944.36              | -42.69          | -13              | -29.69                  | -74.5                   | -53.26                   | 1.13                       | 11.7                        | V                     |

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



| LTE Band 5 / 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) |
| Lowest                                          | 1649.92              | -55.38          | -13              | -42.38                  | -68.30                  | -58.35                   | 0.88                       | 6.00                        | H                     |
|                                                 | 2474.88              | -49.18          | -13              | -36.18                  | -70.63                  | -51.79                   | 1.08                       | 5.84                        | H                     |
|                                                 | 3299.84              | -61.48          | -13              | -48.48                  | -72.08                  | -65.85                   | 1.14                       | 7.66                        | H                     |
|                                                 | 1649.92              | -58.30          | -13              | -45.30                  | -68.93                  | -61.27                   | 0.88                       | 6.00                        | V                     |
|                                                 | 2474.88              | -50.00          | -13              | -37.00                  | -69.90                  | -52.61                   | 1.08                       | 5.84                        | V                     |
|                                                 | 3299.84              | -60.42          | -13              | -47.42                  | -72.25                  | -64.79                   | 1.14                       | 7.66                        | V                     |
| Middle                                          | 1671.92              | -55.92          | -13              | -42.92                  | -68.84                  | -58.89                   | 0.88                       | 6.00                        | H                     |
|                                                 | 2507.88              | -48.56          | -13              | -35.56                  | -70.28                  | -51.17                   | 1.08                       | 5.84                        | H                     |
|                                                 | 3343.84              | -60.67          | -13              | -47.67                  | -71.27                  | -65.04                   | 1.14                       | 7.66                        | H                     |
|                                                 | 1671.92              | -58.56          | -13              | -45.56                  | -69.19                  | -61.53                   | 0.88                       | 6.00                        | V                     |
|                                                 | 2507.88              | -49.74          | -13              | -36.74                  | -69.74                  | -52.35                   | 1.08                       | 5.84                        | V                     |
|                                                 | 3343.84              | -60.46          | -13              | -47.46                  | -72.29                  | -64.83                   | 1.14                       | 7.66                        | V                     |
| Highest                                         | 1695.52              | -55.72          | -13              | -42.72                  | -68.64                  | -58.69                   | 0.88                       | 6.00                        | H                     |
|                                                 | 2543.28              | -49.46          | -13              | -36.46                  | -70.95                  | -52.07                   | 1.08                       | 5.84                        | H                     |
|                                                 | 3391.04              | -61.42          | -13              | -48.42                  | -72.02                  | -65.79                   | 1.14                       | 7.66                        | H                     |
|                                                 | 1695.52              | -59.30          | -13              | -46.30                  | -69.93                  | -62.27                   | 0.88                       | 6.00                        | V                     |
|                                                 | 2543.28              | -51.83          | -13              | -38.83                  | -70.75                  | -54.44                   | 1.08                       | 5.84                        | V                     |
|                                                 | 3391.04              | -59.83          | -13              | -46.83                  | -71.66                  | -64.20                   | 1.14                       | 7.66                        | V                     |

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



| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | ERP<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) |
| Lowest                                        | 1648.48              | -56.54         | -13              | -43.54                  | -69.46                  | -59.51                   | 0.88                       | 6.00                        | H                     |
|                                               | 2472.72              | -46.58         | -13              | -33.58                  | -69.26                  | -49.19                   | 1.08                       | 5.84                        | H                     |
|                                               | 3296.96              | -61.88         | -13              | -48.88                  | -72.48                  | -66.25                   | 1.14                       | 7.66                        | H                     |
|                                               | 1648.48              | -58.94         | -13              | -45.94                  | -69.57                  | -61.91                   | 0.88                       | 6.00                        | V                     |
|                                               | 2472.72              | -49.94         | -13              | -36.94                  | -70.07                  | -52.55                   | 1.08                       | 5.84                        | V                     |
|                                               | 3296.96              | -59.59         | -13              | -46.59                  | -71.42                  | -63.96                   | 1.14                       | 7.66                        | V                     |
| Middle                                        | 1670.48              | -53.64         | -13              | -40.64                  | -66.79                  | -56.61                   | 0.88                       | 6.00                        | H                     |
|                                               | 2505.72              | -48.68         | -13              | -35.68                  | -70.32                  | -51.29                   | 1.08                       | 5.84                        | H                     |
|                                               | 3340.96              | -61.19         | -13              | -48.19                  | -71.79                  | -65.56                   | 1.14                       | 7.66                        | H                     |
|                                               | 1670.48              | -57.02         | -13              | -44.02                  | -67.65                  | -59.99                   | 0.88                       | 6.00                        | V                     |
|                                               | 2505.72              | -51.38         | -13              | -38.38                  | -70.59                  | -53.99                   | 1.08                       | 5.84                        | V                     |
|                                               | 3340.96              | -60.54         | -13              | -47.54                  | -72.37                  | -64.91                   | 1.14                       | 7.66                        | V                     |
| Highest                                       | 1692.48              | -57.19         | -13              | -44.19                  | -70.11                  | -60.16                   | 0.88                       | 6.00                        | H                     |
|                                               | 2538.72              | -48.81         | -13              | -35.81                  | -70.36                  | -51.42                   | 1.08                       | 5.84                        | H                     |
|                                               | 3384.96              | -61.21         | -13              | -48.21                  | -71.81                  | -65.58                   | 1.14                       | 7.66                        | H                     |
|                                               | 1692.48              | -59.03         | -13              | -46.03                  | -69.66                  | -62.00                   | 0.88                       | 6.00                        | V                     |
|                                               | 2538.72              | -52.31         | -13              | -39.31                  | -71.14                  | -54.92                   | 1.08                       | 5.84                        | V                     |
|                                               | 3384.96              | -60.16         | -13              | -47.16                  | -71.99                  | -64.53                   | 1.14                       | 7.66                        | V                     |

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



| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                       | Frequency<br>( MHz ) | ERP<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) |
| Lowest                                        | 1648.68              | -56.04         | -13              | -43.04                  | -68.96                  | -59.01                   | 0.88                       | 6.00                        | H                     |
|                                               | 2473.02              | -48.65         | -13              | -35.65                  | -70.31                  | -51.26                   | 1.08                       | 5.84                        | H                     |
|                                               | 3297.36              | -60.96         | -13              | -47.96                  | -71.56                  | -65.33                   | 1.14                       | 7.66                        | H                     |
|                                               | 1648.68              | -58.71         | -13              | -45.71                  | -69.34                  | -61.68                   | 0.88                       | 6.00                        | V                     |
|                                               | 2473.02              | -50.85         | -13              | -37.85                  | -70.37                  | -53.46                   | 1.08                       | 5.84                        | V                     |
|                                               | 3297.36              | -59.81         | -13              | -46.81                  | -71.64                  | -64.18                   | 1.14                       | 7.66                        | V                     |
| Middle                                        | 1668.68              | -56.02         | -13              | -43.02                  | -68.94                  | -58.99                   | 0.88                       | 6.00                        | H                     |
|                                               | 2503.02              | -48.40         | -13              | -35.40                  | -70.23                  | -51.01                   | 1.08                       | 5.84                        | H                     |
|                                               | 3337.36              | -60.63         | -13              | -47.63                  | -71.23                  | -65.00                   | 1.14                       | 7.66                        | H                     |
|                                               | 1668.68              | -58.40         | -13              | -45.40                  | -69.03                  | -61.37                   | 0.88                       | 6.00                        | V                     |
|                                               | 2503.02              | -51.22         | -13              | -38.22                  | -70.53                  | -53.83                   | 1.08                       | 5.84                        | V                     |
|                                               | 3337.36              | -60.13         | -13              | -47.13                  | -71.96                  | -64.50                   | 1.14                       | 7.66                        | V                     |
| Highest                                       | 1688.68              | -56.63         | -13              | -43.63                  | -69.55                  | -59.60                   | 0.88                       | 6.00                        | H                     |
|                                               | 2533.02              | -49.21         | -13              | -36.21                  | -70.67                  | -51.82                   | 1.08                       | 5.84                        | H                     |
|                                               | 3377.36              | -61.24         | -13              | -48.24                  | -71.84                  | -65.61                   | 1.14                       | 7.66                        | H                     |
|                                               | 1688.68              | -58.85         | -13              | -45.85                  | -69.48                  | -61.82                   | 0.88                       | 6.00                        | V                     |
|                                               | 2533.02              | -50.70         | -13              | -37.70                  | -70.29                  | -53.31                   | 1.08                       | 5.84                        | V                     |
|                                               | 3377.36              | -60.26         | -13              | -47.26                  | -72.09                  | -64.63                   | 1.14                       | 7.66                        | V                     |

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



| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                        | Frequency<br>( MHz ) | ERP<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) |
| Lowest                                         | 1649.18              | -55.65         | -13              | -42.65                  | -68.57                  | -58.62                   | 0.88                       | 6.00                        | H                     |
|                                                | 2473.77              | -48.56         | -13              | -35.56                  | -70.28                  | -51.17                   | 1.08                       | 5.84                        | H                     |
|                                                | 3298.36              | -61.09         | -13              | -48.09                  | -71.69                  | -65.46                   | 1.14                       | 7.66                        | H                     |
|                                                | 1649.18              | -53.67         | -13              | -40.67                  | -65.12                  | -56.64                   | 0.88                       | 6.00                        | V                     |
|                                                | 2473.77              | -50.72         | -13              | -37.72                  | -70.30                  | -53.33                   | 1.08                       | 5.84                        | V                     |
|                                                | 3298.36              | -60.01         | -13              | -47.01                  | -71.84                  | -64.38                   | 1.14                       | 7.66                        | V                     |
| Middle                                         | 1664.18              | -54.71         | -13              | -41.71                  | -67.63                  | -57.68                   | 0.88                       | 6.00                        | H                     |
|                                                | 2496.27              | -47.86         | -13              | -34.86                  | -70.03                  | -50.47                   | 1.08                       | 5.84                        | H                     |
|                                                | 3328.36              | -60.78         | -13              | -47.78                  | -71.38                  | -65.15                   | 1.14                       | 7.66                        | H                     |
|                                                | 1664.18              | -56.29         | -13              | -43.29                  | -66.92                  | -59.26                   | 0.88                       | 6.00                        | V                     |
|                                                | 2496.27              | -50.43         | -13              | -37.43                  | -70.14                  | -53.04                   | 1.08                       | 5.84                        | V                     |
|                                                | 3328.36              | -60.21         | -13              | -47.21                  | -72.04                  | -64.58                   | 1.14                       | 7.66                        | V                     |
| Highest                                        | 1679.18              | -55.40         | -13              | -42.40                  | -68.32                  | -58.37                   | 0.88                       | 6.00                        | H                     |
|                                                | 2518.77              | -47.80         | -13              | -34.80                  | -70.00                  | -50.41                   | 1.08                       | 5.84                        | H                     |
|                                                | 3358.36              | -61.03         | -13              | -48.03                  | -71.63                  | -65.40                   | 1.14                       | 7.66                        | H                     |
|                                                | 1679.18              | -52.94         | -13              | -39.94                  | -64.51                  | -55.91                   | 0.88                       | 6.00                        | V                     |
|                                                | 2518.77              | -48.64         | -13              | -35.64                  | -69.00                  | -51.25                   | 1.08                       | 5.84                        | V                     |
|                                                | 3358.36              | -60.00         | -13              | -47.00                  | -71.83                  | -64.37                   | 1.14                       | 7.66                        | 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) |
| Lowest                                        | 5000.68              | -41.18          | -25              | -16.18                  | -73.16                  | -52.93                   | 0.95                       | 12.70                       | H                     |
|                                               | 7501.02              | -38.18          | -25              | -13.18                  | -75.07                  | -48.42                   | 1.46                       | 11.70                       | H                     |
|                                               | 10001.36             | -38.34          | -25              | -13.34                  | -76.81                  | -49.13                   | 1.31                       | 12.10                       | H                     |
|                                               | 5000.68              | -39.43          | -25              | -14.43                  | -72.08                  | -51.18                   | 0.95                       | 12.70                       | V                     |
|                                               | 7501.02              | -37.99          | -25              | -12.99                  | -74.87                  | -48.23                   | 1.46                       | 11.70                       | V                     |
|                                               | 10001.36             | -40.06          | -25              | -15.06                  | -76.96                  | -50.85                   | 1.31                       | 12.10                       | V                     |
| Middle                                        | 5065.68              | -39.69          | -25              | -14.69                  | -72.21                  | -51.44                   | 0.95                       | 12.70                       | H                     |
|                                               | 7598.52              | -39.18          | -25              | -14.18                  | -76.07                  | -49.42                   | 1.46                       | 11.70                       | H                     |
|                                               | 10131.36             | -38.02          | -25              | -13.02                  | -76.49                  | -48.81                   | 1.31                       | 12.10                       | H                     |
|                                               | 5065.68              | -39.03          | -25              | -14.03                  | -72.37                  | -50.7831                 | 0.95                       | 12.70                       | V                     |
|                                               | 7598.52              | -38.80          | -25              | -13.80                  | -75.68                  | -49.0356                 | 1.46                       | 11.70                       | V                     |
|                                               | 10131.36             | -39.55          | -25              | -14.55                  | -76.45                  | -50.3356                 | 1.31                       | 12.10                       | V                     |
| Highest                                       | 5130.68              | -40.00          | -25              | -15.00                  | -72.53                  | -51.75                   | 0.95                       | 12.70                       | H                     |
|                                               | 7696.02              | -39.12          | -25              | -14.12                  | -76.01                  | -49.36                   | 1.46                       | 11.70                       | H                     |
|                                               | 10261.36             | -38.52          | -25              | -13.52                  | -76.99                  | -49.31                   | 1.31                       | 12.10                       | H                     |
|                                               | 5130.68              | -39.78          | -25              | -14.78                  | -72.97                  | -51.5331                 | 0.95                       | 12.70                       | V                     |
|                                               | 7696.02              | -38.43          | -25              | -13.43                  | -75.31                  | -48.6656                 | 1.46                       | 11.70                       | V                     |
|                                               | 10261.36             | -40.14          | -25              | -15.14                  | -77.04                  | -50.9256                 | 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<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) |
| Lowest                                         | 5001.18              | -41.47          | -25              | -16.47                  | -73.45                  | -53.22                   | 0.95                       | 12.70                       | H                     |
|                                                | 7501.77              | -38.36          | -25              | -13.36                  | -75.25                  | -48.60                   | 1.46                       | 11.70                       | H                     |
|                                                | 10002.36             | -38.73          | -25              | -13.73                  | -77.20                  | -49.52                   | 1.31                       | 12.10                       | H                     |
|                                                | 5001.18              | -39.05          | -25              | -14.05                  | -72.38                  | -50.7956                 | 0.95                       | 12.70                       | V                     |
|                                                | 7501.77              | -37.49          | -25              | -12.49                  | -74.37                  | -47.7256                 | 1.46                       | 11.70                       | V                     |
|                                                | 10002.36             | -39.91          | -25              | -14.91                  | -76.81                  | -50.6956                 | 1.31                       | 12.10                       | V                     |
| Middle                                         | 5061.18              | -40.63          | -25              | -15.63                  | -72.73                  | -52.38                   | 0.95                       | 12.70                       | H                     |
|                                                | 7591.77              | -38.91          | -25              | -13.91                  | -75.80                  | -49.15                   | 1.46                       | 11.70                       | H                     |
|                                                | 10122.36             | -38.52          | -25              | -13.52                  | -76.99                  | -49.31                   | 1.31                       | 12.10                       | H                     |
|                                                | 5061.18              | -39.16          | -25              | -14.16                  | -72.47                  | -50.9081                 | 0.95                       | 12.70                       | V                     |
|                                                | 7591.77              | -38.33          | -25              | -13.33                  | -75.21                  | -48.5656                 | 1.46                       | 11.70                       | V                     |
|                                                | 10122.36             | -39.96          | -25              | -14.96                  | -76.86                  | -50.7456                 | 1.31                       | 12.10                       | V                     |
| Highest                                        | 5121.18              | -39.96          | -25              | -14.96                  | -71.99                  | -51.71                   | 0.95                       | 12.70                       | H                     |
|                                                | 7681.77              | -38.70          | -25              | -13.70                  | -75.59                  | -48.94                   | 1.46                       | 11.70                       | H                     |
|                                                | 10242.36             | -38.35          | -25              | -13.35                  | -76.82                  | -49.14                   | 1.31                       | 12.10                       | H                     |
|                                                | 5121.18              | -39.53          | -25              | -14.53                  | -72.77                  | -51.2831                 | 0.95                       | 12.70                       | V                     |
|                                                | 7681.77              | -38.45          | -25              | -13.45                  | -75.33                  | -48.6856                 | 1.46                       | 11.70                       | V                     |
|                                                | 10242.36             | -39.06          | -25              | -14.06                  | -75.96                  | -49.8456                 | 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<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) |
| Lowest                                         | 5001.68              | -41.81          | -25.00           | -16.81                  | -73.79                  | -53.56                   | 0.95                       | 12.70                       | H                     |
|                                                | 7502.52              | -38.79          | -25.00           | -13.79                  | -75.68                  | -49.03                   | 1.46                       | 11.70                       | H                     |
|                                                | 10003.36             | -38.40          | -25.00           | -13.40                  | -76.87                  | -49.19                   | 1.31                       | 12.10                       | H                     |
|                                                | 5001.68              | -39.90          | -25.00           | -14.90                  | -73.06                  | -51.65                   | 0.95                       | 12.70                       | V                     |
|                                                | 7502.52              | -38.96          | -25.00           | -13.96                  | -75.84                  | -49.20                   | 1.46                       | 11.70                       | V                     |
|                                                | 10003.36             | -39.99          | -25.00           | -14.99                  | -76.89                  | -50.78                   | 1.31                       | 12.10                       | V                     |
| Middle                                         | 5056.68              | -41.04          | -25.00           | -16.04                  | -73.02                  | -52.79                   | 0.95                       | 12.70                       | H                     |
|                                                | 7585.02              | -38.84          | -25.00           | -13.84                  | -75.73                  | -49.08                   | 1.46                       | 11.70                       | H                     |
|                                                | 10131.36             | -38.45          | -25.00           | -13.45                  | -76.92                  | -49.24                   | 1.31                       | 12.10                       | H                     |
|                                                | 5056.68              | -39.11          | -25.00           | -14.11                  | -72.43                  | -50.86                   | 0.95                       | 12.70                       | V                     |
|                                                | 7585.02              | -38.41          | -25.00           | -13.41                  | -75.29                  | -48.65                   | 1.46                       | 11.70                       | V                     |
|                                                | 10131.36             | -39.96          | -25.00           | -14.96                  | -76.86                  | -50.75                   | 1.31                       | 12.10                       | V                     |
| Highest                                        | 5111.68              | -40.05          | -25.00           | -15.05                  | -72.34                  | -51.80                   | 0.95                       | 12.70                       | H                     |
|                                                | 7667.52              | -38.76          | -25.00           | -13.76                  | -75.65                  | -49.00                   | 1.46                       | 11.70                       | H                     |
|                                                | 10223.36             | -38.79          | -25.00           | -13.79                  | -77.26                  | -49.58                   | 1.31                       | 12.10                       | H                     |
|                                                | 5111.68              | -38.73          | -25.00           | -13.73                  | -72.10                  | -50.48                   | 0.95                       | 12.70                       | V                     |
|                                                | 7667.52              | -38.85          | -25.00           | -13.85                  | -75.73                  | -49.09                   | 1.46                       | 11.70                       | V                     |
|                                                | 10223.36             | -40.56          | -25.00           | -15.56                  | -77.46                  | -51.35                   | 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<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) |
| Lowest                                         | 5002.18              | -41.58          | -25              | -16.58                  | -73.56                  | -53.33                   | 0.95                       | 12.70                       | H                     |
|                                                | 7503.27              | -38.61          | -25              | -13.61                  | -75.50                  | -48.85                   | 1.46                       | 11.70                       | H                     |
|                                                | 10004.36             | -37.65          | -25              | -12.65                  | -76.12                  | -48.44                   | 1.31                       | 12.10                       | H                     |
|                                                | 5002.18              | -40.40          | -25              | -15.40                  | -72.9                   | -52.1456                 | 0.95                       | 12.70                       | V                     |
|                                                | 7503.27              | -38.03          | -25              | -13.03                  | -74.91                  | -48.2656                 | 1.46                       | 11.70                       | V                     |
|                                                | 10004.36             | -40.09          | -25              | -15.09                  | -76.99                  | -50.8756                 | 1.31                       | 12.10                       | V                     |
| Middle                                         | 5052.18              | -40.66          | -25              | -15.66                  | -72.75                  | -52.41                   | 0.95                       | 12.70                       | H                     |
|                                                | 7578.27              | -38.32          | -25              | -13.32                  | -75.21                  | -48.56                   | 1.46                       | 11.70                       | H                     |
|                                                | 10104.36             | -37.90          | -25              | -12.90                  | -76.37                  | -48.69                   | 1.31                       | 12.10                       | H                     |
|                                                | 5052.18              | -42.99          | -25              | -17.99                  | -73.55                  | -54.74                   | 0.95                       | 12.70                       | V                     |
|                                                | 7578.27              | -38.55          | -25              | -13.55                  | -75.43                  | -48.79                   | 1.46                       | 11.70                       | V                     |
|                                                | 10104.36             | -39.58          | -25              | -14.58                  | -76.48                  | -50.3656                 | 1.31                       | 12.10                       | V                     |
| Highest                                        | 5102.18              | -40.00          | -25              | -15.00                  | -72.30                  | -51.75                   | 0.95                       | 12.70                       | H                     |
|                                                | 7653.27              | -38.32          | -25              | -13.32                  | -75.21                  | -48.56                   | 1.46                       | 11.70                       | H                     |
|                                                | 10204.36             | -38.50          | -25              | -13.50                  | -76.97                  | -49.29                   | 1.31                       | 12.10                       | H                     |
|                                                | 5102.18              | -39.27          | -25              | -14.27                  | -72.45                  | -51.0206                 | 0.95                       | 12.70                       | V                     |
|                                                | 7653.27              | -38.93          | -25              | -13.93                  | -75.81                  | -49.1656                 | 1.46                       | 11.70                       | V                     |
|                                                | 10204.36             | -39.86          | -25              | -14.86                  | -76.76                  | -50.6456                 | 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<br>( MHz ) | ERP<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) |
| Lowest                                           | 1398.6               | -55.22         | -13              | -42.22                  | -68.14                  | -58.19                   | 0.88                       | 6.00                        | H                     |
|                                                  | 2097.9               | -50.12         | -13              | -37.12                  | -71.59                  | -52.73                   | 1.08                       | 5.84                        | H                     |
|                                                  | 2797.2               | -62.11         | -13              | -49.11                  | -72.71                  | -66.48                   | 1.14                       | 7.66                        | H                     |
|                                                  | 1398.6               | -56.39         | -13              | -43.39                  | -67.02                  | -59.36                   | 0.88                       | 6.00                        | V                     |
|                                                  | 2097.9               | -53.19         | -13              | -40.19                  | -72.04                  | -55.80                   | 1.08                       | 5.84                        | V                     |
|                                                  | 2797.2               | -61.03         | -13              | -48.03                  | -72.86                  | -65.40                   | 1.14                       | 7.66                        | V                     |
| Middle                                           | 1414.12              | -48.45         | -13              | -35.45                  | -63.43                  | -51.42                   | 0.88                       | 6.00                        | H                     |
|                                                  | 2121.18              | -45.82         | -13              | -32.82                  | -68.67                  | -48.43                   | 1.08                       | 5.84                        | H                     |
|                                                  | 2828.24              | -59.69         | -13              | -46.69                  | -70.29                  | -64.06                   | 1.14                       | 7.66                        | H                     |
|                                                  | 1414.12              | -48.90         | -13              | -35.90                  | -61.81                  | -51.87                   | 0.88                       | 6.00                        | V                     |
|                                                  | 2121.18              | -50.14         | -13              | -37.14                  | -69.98                  | -52.75                   | 1.08                       | 5.84                        | V                     |
|                                                  | 2828.24              | -58.27         | -13              | -45.27                  | -70.10                  | -62.64                   | 1.14                       | 7.66                        | V                     |
| Highest                                          | 1429.64              | -44.59         | -13              | -31.59                  | -60.57                  | -47.56                   | 0.88                       | 6.00                        | H                     |
|                                                  | 2144.46              | -49.94         | -13              | -36.94                  | -71.50                  | -52.55                   | 1.08                       | 5.84                        | H                     |
|                                                  | 2859.28              | -61.96         | -13              | -48.96                  | -72.56                  | -66.33                   | 1.14                       | 7.66                        | H                     |
|                                                  | 1429.64              | -46.71         | -13              | -33.71                  | -59.70                  | -49.68                   | 0.88                       | 6.00                        | V                     |
|                                                  | 2144.46              | -52.93         | -13              | -39.93                  | -71.78                  | -55.54                   | 1.08                       | 5.84                        | V                     |
|                                                  | 2859.28              | -61.03         | -13              | -48.03                  | -72.86                  | -65.40                   | 1.14                       | 7.66                        | 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<br>( MHz ) | ERP<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) |
| Lowest                                         | 1400                 | -54.00         | -13              | -41.00                  | -66.92                  | -56.97                   | 0.88                       | 6.00                        | H                     |
|                                                | 2100                 | -52.56         | -13              | -39.56                  | -72.17                  | -55.17                   | 1.08                       | 5.84                        | H                     |
|                                                | 2800                 | -60.22         | -13              | -47.22                  | -70.82                  | -64.59                   | 1.14                       | 7.66                        | H                     |
|                                                | 1400                 | -56.89         | -13              | -43.89                  | -67.52                  | -59.86                   | 0.88                       | 6.00                        | V                     |
|                                                | 2100                 | -50.14         | -13              | -37.14                  | -69.98                  | -52.75                   | 1.08                       | 5.84                        | V                     |
|                                                | 2800                 | -58.33         | -13              | -45.33                  | -70.16                  | -62.70                   | 1.14                       | 7.66                        | V                     |
| Middle                                         | 1412.18              | -48.90         | -13              | -35.90                  | -63.73                  | -51.87                   | 0.88                       | 6.00                        | H                     |
|                                                | 2118.27              | -43.79         | -13              | -30.79                  | -67.26                  | -46.40                   | 1.08                       | 5.84                        | H                     |
|                                                | 2824.36              | -57.56         | -13              | -44.56                  | -68.16                  | -61.93                   | 1.14                       | 7.66                        | H                     |
|                                                | 1412.18              | -49.33         | -13              | -36.33                  | -62.07                  | -52.30                   | 0.88                       | 6.00                        | V                     |
|                                                | 2118.27              | -48.54         | -13              | -35.54                  | -68.92                  | -51.15                   | 1.08                       | 5.84                        | V                     |
|                                                | 2824.36              | -54.71         | -13              | -41.71                  | -66.54                  | -59.08                   | 1.14                       | 7.66                        | V                     |
| Highest                                        | 1425.76              | -45.11         | -13              | -32.11                  | -61.03                  | -48.08                   | 0.88                       | 6.00                        | H                     |
|                                                | 2138.64              | -43.52         | -13              | -30.52                  | -67.04                  | -46.13                   | 1.08                       | 5.84                        | H                     |
|                                                | 2851.52              | -57.97         | -13              | -44.97                  | -68.57                  | -62.34                   | 1.14                       | 7.66                        | H                     |
|                                                | 1425.76              | -47.28         | -13              | -34.28                  | -60.15                  | -50.25                   | 0.88                       | 6.00                        | V                     |
|                                                | 2138.64              | -46.80         | -13              | -33.80                  | -67.70                  | -49.41                   | 1.08                       | 5.84                        | V                     |
|                                                | 2851.52              | -54.90         | -13              | -41.90                  | -66.73                  | -59.27                   | 1.14                       | 7.66                        | 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<br>( MHz ) | ERP<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) |
| Lowest                                         | 1402                 | -56.80         | -13              | -43.80                  | -69.72                  | -59.77                   | 0.88                       | 6.00                        | H                     |
|                                                | 2102                 | -45.70         | -13              | -32.70                  | -68.57                  | -48.31                   | 1.08                       | 5.84                        | H                     |
|                                                | 2802                 | -55.75         | -13              | -42.75                  | -66.35                  | -60.12                   | 1.14                       | 7.66                        | H                     |
|                                                | 1402                 | -58.83         | -13              | -45.83                  | -69.46                  | -61.80                   | 0.88                       | 6.00                        | V                     |
|                                                | 2102                 | -52.66         | -13              | -39.66                  | -71.50                  | -55.27                   | 1.08                       | 5.84                        | V                     |
|                                                | 2802                 | -58.80         | -13              | -45.80                  | -70.63                  | -63.17                   | 1.14                       | 7.66                        | V                     |
| Middle                                         | 1410.24              | -49.18         | -13              | -36.18                  | -63.96                  | -52.15                   | 0.88                       | 6.00                        | H                     |
|                                                | 2115.36              | -43.65         | -13              | -30.65                  | -67.15                  | -46.26                   | 1.08                       | 5.84                        | H                     |
|                                                | 2820.48              | -59.47         | -13              | -46.47                  | -70.07                  | -63.84                   | 1.14                       | 7.66                        | H                     |
|                                                | 1410.24              | -48.03         | -13              | -35.03                  | -60.86                  | -51.00                   | 0.88                       | 6.00                        | V                     |
|                                                | 2115.36              | -45.55         | -13              | -32.55                  | -66.71                  | -48.16                   | 1.08                       | 5.84                        | V                     |
|                                                | 2820.48              | -58.98         | -13              | -45.98                  | -70.81                  | -63.35                   | 1.14                       | 7.66                        | V                     |
| Highest                                        | 1421.88              | -44.88         | -13              | -31.88                  | -60.83                  | -47.85                   | 0.88                       | 6.00                        | H                     |
|                                                | 2132.82              | -44.46         | -13              | -31.46                  | -67.69                  | -47.07                   | 1.08                       | 5.84                        | H                     |
|                                                | 2843.76              | -56.11         | -13              | -43.11                  | -66.71                  | -60.48                   | 1.14                       | 7.66                        | H                     |
|                                                | 1421.88              | -49.81         | -13              | -36.81                  | -62.30                  | -52.78                   | 0.88                       | 6.00                        | V                     |
|                                                | 2132.82              | -43.00         | -13              | -30.00                  | -66.46                  | -45.61                   | 1.08                       | 5.84                        | V                     |
|                                                | 2843.76              | -54.57         | -13              | -41.57                  | -66.40                  | -58.94                   | 1.14                       | 7.66                        | 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<br>( MHz ) | ERP<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) |
| Lowest                                          | 1399                 | -34.89         | -13              | -21.89                  | -51.72                  | -37.86                   | 0.88                       | 6.00                        | H                     |
|                                                 | 2098.5               | -43.43         | -13              | -30.43                  | -66.97                  | -46.04                   | 1.08                       | 5.84                        | H                     |
|                                                 | 2798                 | -56.73         | -13              | -43.73                  | -67.33                  | -61.10                   | 1.14                       | 7.66                        | H                     |
|                                                 | 1399                 | -39.57         | -13              | -26.57                  | -53.11                  | -42.54                   | 0.88                       | 6.00                        | V                     |
|                                                 | 2098.5               | -39.19         | -13              | -26.19                  | -61.53                  | -41.80                   | 1.08                       | 5.84                        | V                     |
|                                                 | 2798                 | -56.91         | -13              | -43.91                  | -68.74                  | -61.28                   | 1.14                       | 7.66                        | V                     |
| Middle                                          | 1406.36              | -34.87         | -13              | -21.87                  | -51.70                  | -37.84                   | 0.88                       | 6.00                        | H                     |
|                                                 | 2109.54              | -43.56         | -13              | -30.56                  | -67.07                  | -46.17                   | 1.08                       | 5.84                        | H                     |
|                                                 | 2812.72              | -56.92         | -13              | -43.92                  | -67.52                  | -61.29                   | 1.14                       | 7.66                        | H                     |
|                                                 | 1406.36              | -38.37         | -13              | -25.37                  | -52.14                  | -41.34                   | 0.88                       | 6.00                        | V                     |
|                                                 | 2109.54              | -44.38         | -13              | -31.38                  | -65.78                  | -46.99                   | 1.08                       | 5.84                        | V                     |
|                                                 | 2812.72              | -54.89         | -13              | -41.89                  | -66.72                  | -59.26                   | 1.14                       | 7.66                        | V                     |
| Highest                                         | 1414                 | -35.40         | -13              | -22.40                  | -52.24                  | -38.37                   | 0.88                       | 6.00                        | H                     |
|                                                 | 2121                 | -47.92         | -13              | -34.92                  | -67.53                  | -50.53                   | 1.08                       | 5.84                        | H                     |
|                                                 | 2828                 | -56.00         | -13              | -43.00                  | -66.60                  | -60.37                   | 1.14                       | 7.66                        | H                     |
|                                                 | 1414                 | -38.17         | -13              | -25.17                  | -52.00                  | -41.14                   | 0.88                       | 6.00                        | V                     |
|                                                 | 2121                 | -39.17         | -13              | -26.17                  | -61.51                  | -41.78                   | 1.08                       | 5.84                        | V                     |
|                                                 | 2828                 | -54.25         | -13              | -41.25                  | -66.08                  | -58.62                   | 1.14                       | 7.66                        | 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<br>( MHz ) | ERP<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) |
| Lowest                                         | 1408.3               | -49.78         | -13              | -36.78                  | -64.50                  | -52.75                   | 0.88                       | 6.00                        | H                     |
|                                                | 2112.45              | -46.50         | -13              | -33.50                  | -69.20                  | -49.11                   | 1.08                       | 5.84                        | H                     |
|                                                | 2816.6               | -57.81         | -13              | -44.81                  | -68.41                  | -62.18                   | 1.14                       | 7.66                        | H                     |
|                                                | 1408.3               | -52.74         | -13              | -39.74                  | -64.39                  | -55.71                   | 0.88                       | 6.00                        | V                     |
|                                                | 2112.45              | -50.63         | -13              | -37.63                  | -70.25                  | -53.24                   | 1.08                       | 5.84                        | V                     |
|                                                | 2816.6               | -56.35         | -13              | -43.35                  | -68.18                  | -60.72                   | 1.14                       | 7.66                        | V                     |
| Middle                                         | 1416.06              | -50.38         | -13              | -37.38                  | -65.00                  | -53.35                   | 0.88                       | 6.00                        | H                     |
|                                                | 2124.09              | -44.62         | -13              | -31.62                  | -67.78                  | -47.23                   | 1.08                       | 5.84                        | H                     |
|                                                | 2832.12              | -57.15         | -13              | -44.15                  | -67.75                  | -61.52                   | 1.14                       | 7.66                        | H                     |
|                                                | 1416.06              | -50.17         | -13              | -37.17                  | -62.54                  | -53.14                   | 0.88                       | 6.00                        | V                     |
|                                                | 2124.09              | -44.82         | -13              | -31.82                  | -66.21                  | -47.43                   | 1.08                       | 5.84                        | V                     |
|                                                | 2832.12              | -55.41         | -13              | -42.41                  | -67.24                  | -59.78                   | 1.14                       | 7.66                        | V                     |
| Highest                                        | 1421.88              | -47.82         | -13              | -34.82                  | -63.05                  | -50.79                   | 0.88                       | 6.00                        | H                     |
|                                                | 2132.82              | -45.92         | -13              | -32.92                  | -68.75                  | -48.53                   | 1.08                       | 5.84                        | H                     |
|                                                | 2843.76              | -62.02         | -13              | -49.02                  | -72.62                  | -66.39                   | 1.14                       | 7.66                        | H                     |
|                                                | 1421.88              | -47.58         | -13              | -34.58                  | -60.43                  | -50.55                   | 0.88                       | 6.00                        | V                     |
|                                                | 2132.82              | -47.69         | -13              | -34.69                  | -68.32                  | -50.30                   | 1.08                       | 5.84                        | V                     |
|                                                | 2843.76              | -55.23         | -13              | -42.23                  | -67.06                  | -59.60                   | 1.14                       | 7.66                        | 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<br>( MHz ) | ERP<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) |
| Lowest                                          | 1409.18              | -52.53         | -13              | -39.53                  | -64.27                  | -55.50                   | 0.88                       | 6.00                        | H                     |
|                                                 | 2113.77              | -49.68         | -13              | -36.68                  | -71.20                  | -52.29                   | 1.08                       | 5.84                        | H                     |
|                                                 | 2818.36              | -61.13         | -13              | -48.13                  | -71.73                  | -65.50                   | 1.14                       | 7.66                        | H                     |
|                                                 | 1409.18              | -52.56         | -13              | -39.56                  | -64.29                  | -55.53                   | 0.88                       | 6.00                        | V                     |
|                                                 | 2113.77              | -52.84         | -13              | -39.84                  | -71.69                  | -55.45                   | 1.08                       | 5.84                        | V                     |
|                                                 | 2818.36              | -56.91         | -13              | -43.91                  | -71.04                  | -61.28                   | 1.14                       | 7.66                        | V                     |
| Middle                                          | 1406.36              | -34.87         | -13              | -21.87                  | -51.70                  | -37.84                   | 0.88                       | 6.00                        | H                     |
|                                                 | 2109.54              | -43.56         | -13              | -30.56                  | -67.07                  | -46.17                   | 1.08                       | 5.84                        | H                     |
|                                                 | 2812.72              | -56.92         | -13              | -43.92                  | -67.52                  | -61.29                   | 1.14                       | 7.66                        | H                     |
|                                                 | 1406.36              | -38.37         | -13              | -25.37                  | -52.14                  | -41.34                   | 0.88                       | 6.00                        | V                     |
|                                                 | 2109.54              | -44.38         | -13              | -31.38                  | -65.78                  | -46.99                   | 1.08                       | 5.84                        | V                     |
|                                                 | 2812.72              | -54.89         | -13              | -41.89                  | -66.72                  | -59.26                   | 1.14                       | 7.66                        | V                     |
| Highest                                         | 1414.12              | -49.73         | -13              | -36.73                  | -64.45                  | -52.70                   | 0.88                       | 6.00                        | H                     |
|                                                 | 2121.18              | -43.63         | -13              | -30.63                  | -67.13                  | -46.24                   | 1.08                       | 5.84                        | H                     |
|                                                 | 2828.24              | -57.44         | -13              | -44.44                  | -68.04                  | -61.81                   | 1.14                       | 7.66                        | H                     |
|                                                 | 1414.12              | -48.92         | -13              | -35.92                  | -61.83                  | -51.89                   | 0.88                       | 6.00                        | V                     |
|                                                 | 2121.18              | -44.54         | -13              | -31.54                  | -65.93                  | -47.15                   | 1.08                       | 5.84                        | V                     |
|                                                 | 2828.24              | -54.76         | -13              | -41.76                  | -66.59                  | -59.13                   | 1.14                       | 7.66                        | V                     |

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