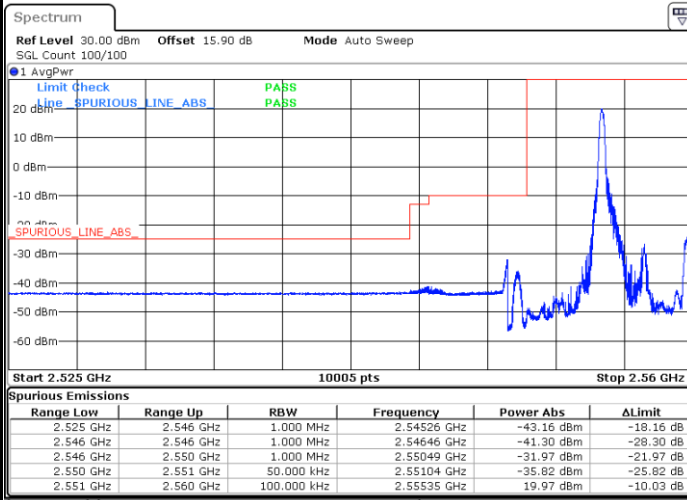


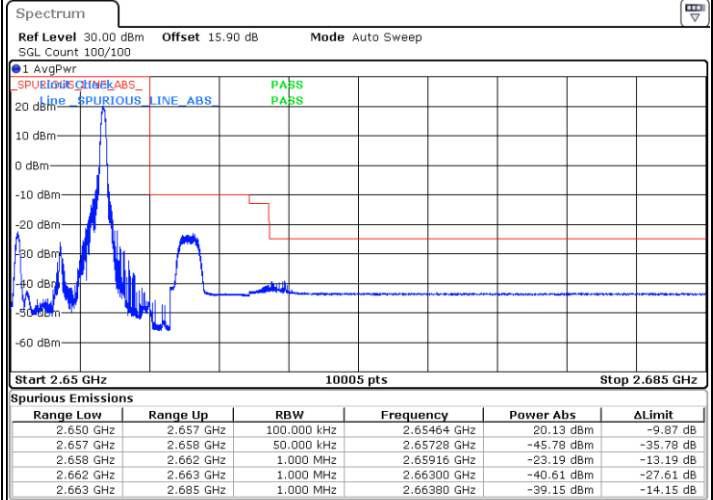


## LTE Band 41 / 5MHz / 16QAM

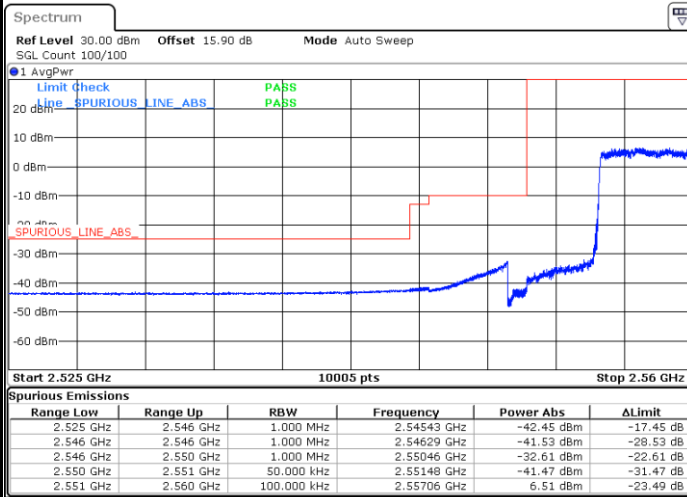
## Lowest Band Edge / 1RB



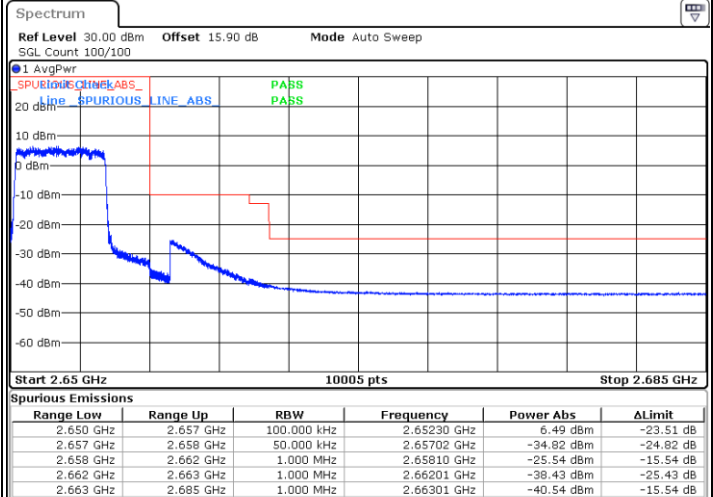
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



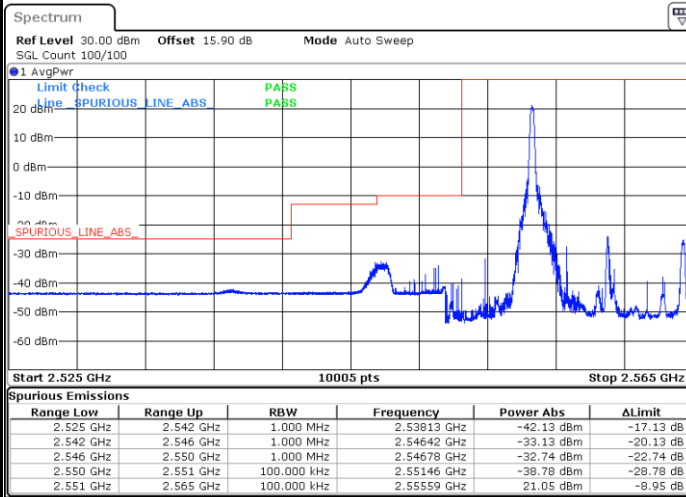
## Highest Band Edge / Full RB



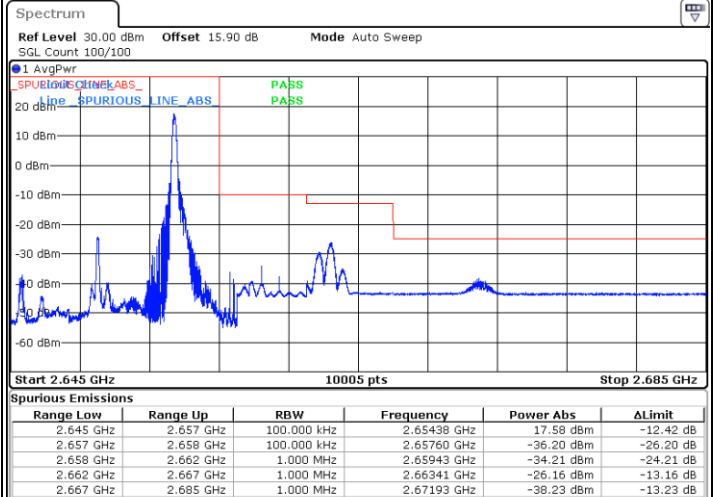


## LTE Band 41 / 10MHz / QPSK

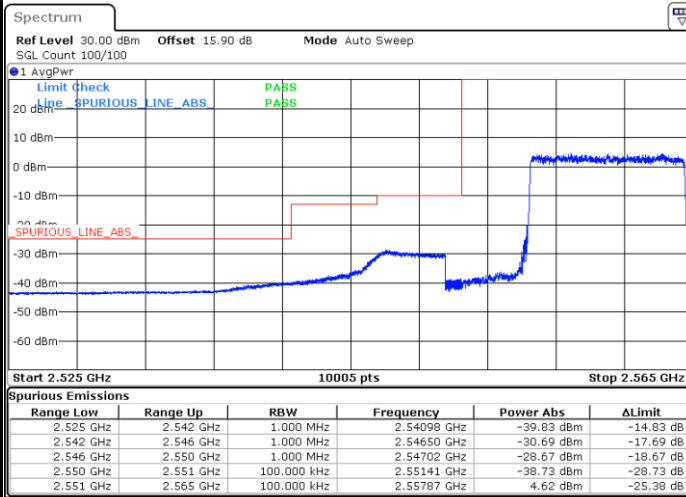
## Lowest Band Edge / 1 RB



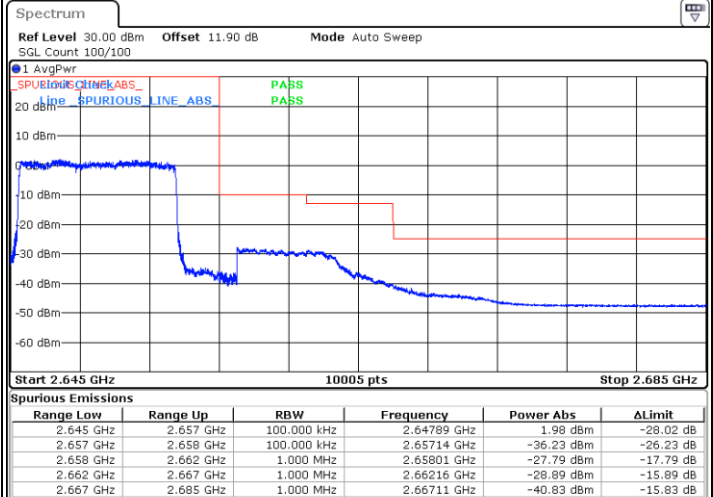
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



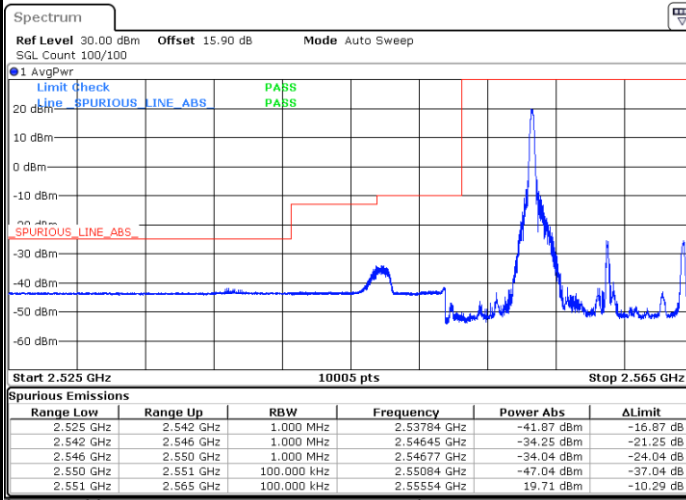
## Highest Band Edge / Full RB



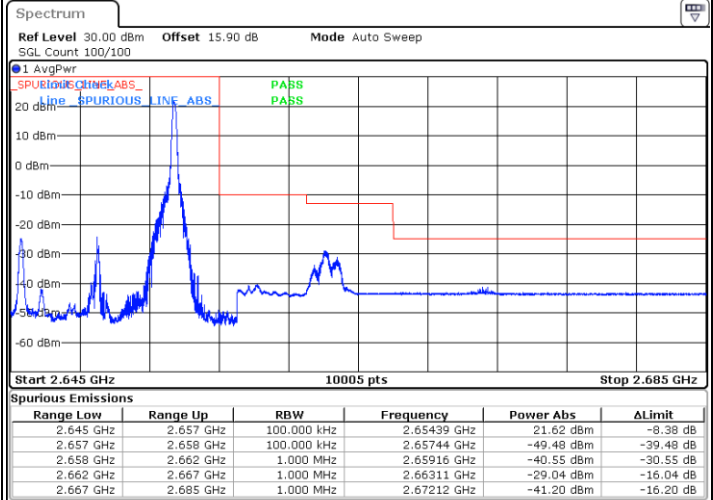


## LTE Band 41 / 10MHz / 16QAM

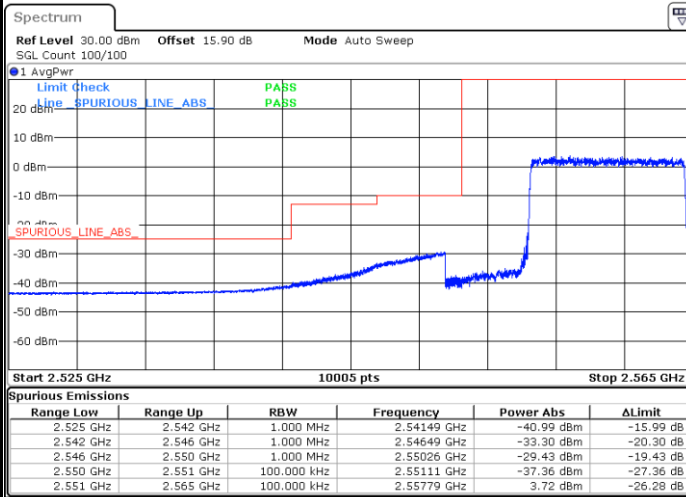
## Lowest Band Edge / 1 RB



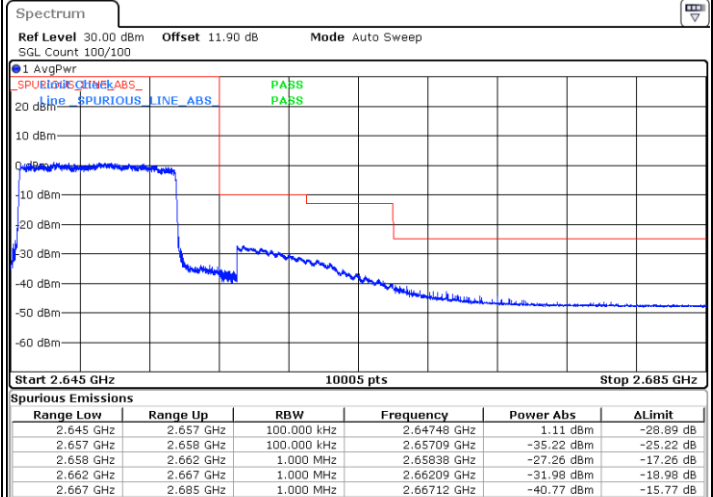
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



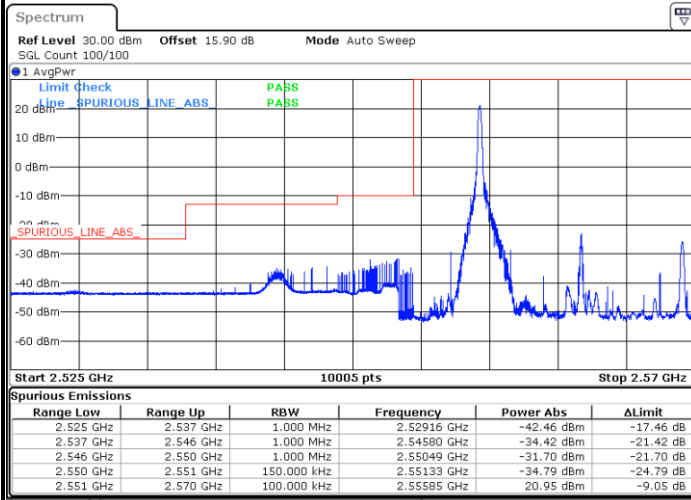
## Highest Band Edge / Full RB



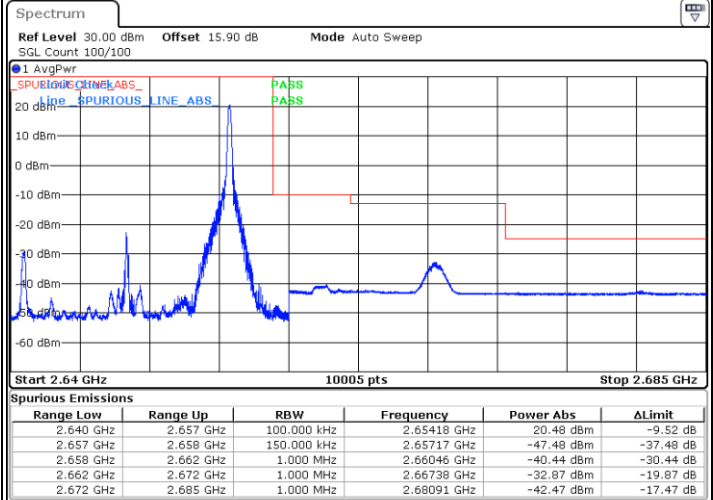


## LTE Band 41 / 15MHz / QPSK

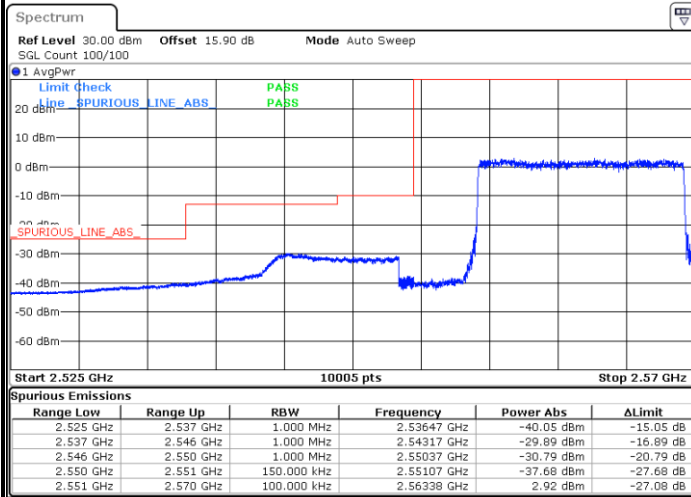
## Lowest Band Edge / 1 RB



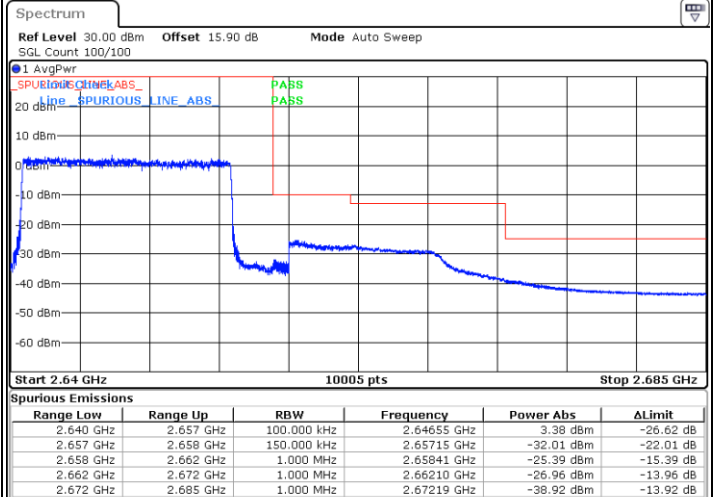
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



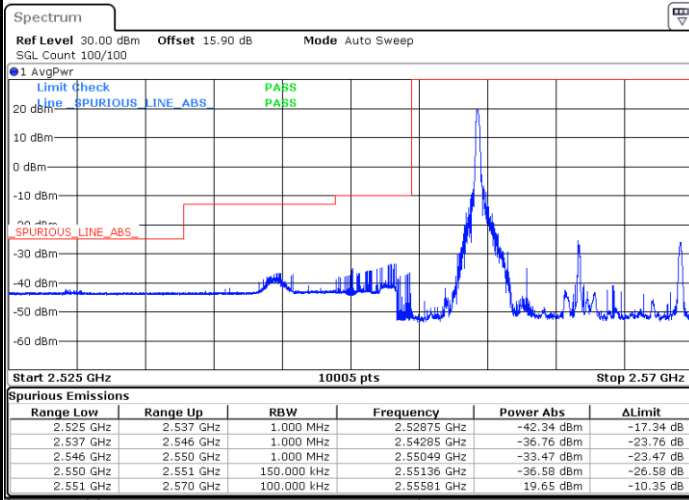
## Highest Band Edge / Full RB



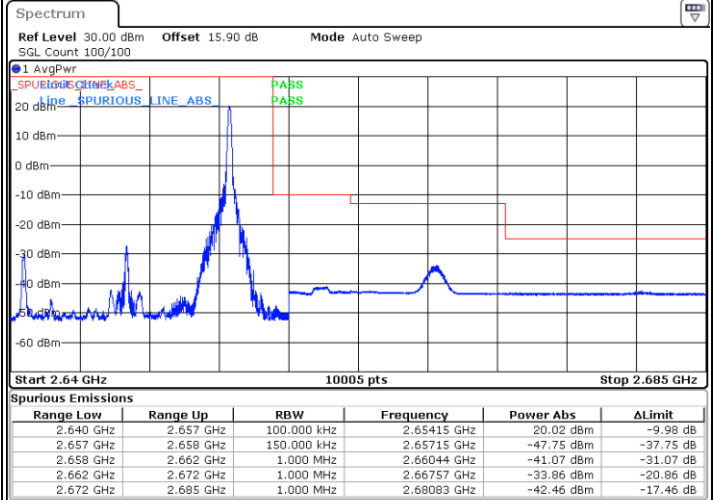


## LTE Band 41 / 15MHz / 16QAM

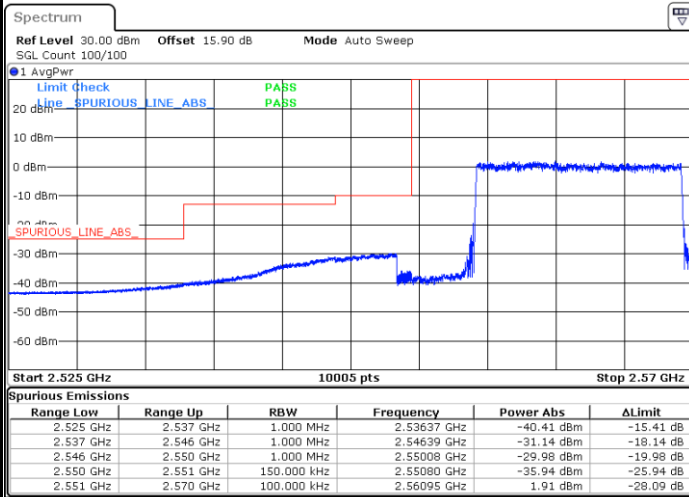
## Lowest Band Edge / 1 RB



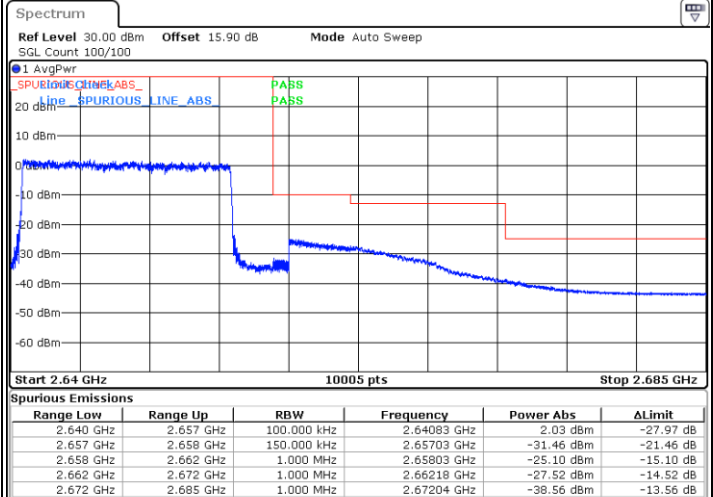
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



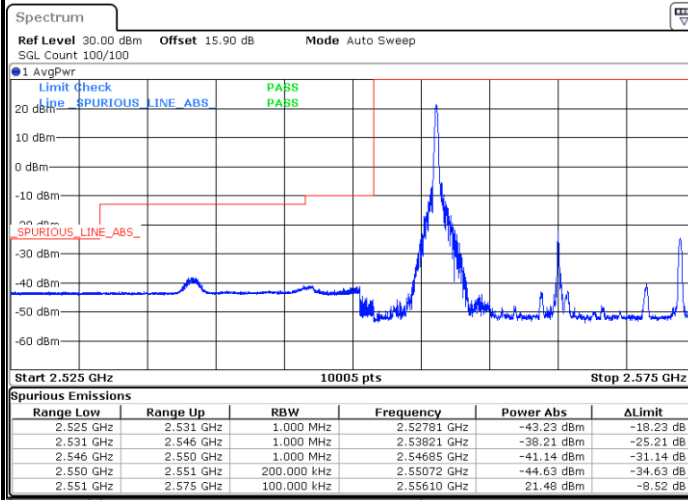
## Highest Band Edge / Full RB



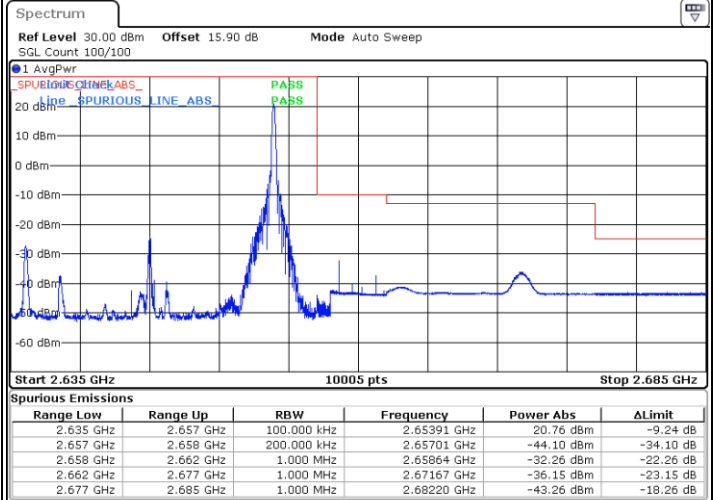


## LTE Band 41 / 20MHz / QPSK

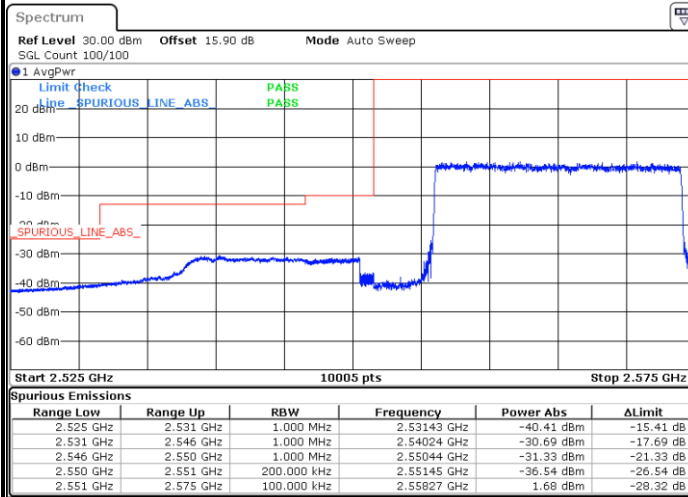
## Lowest Band Edge / 1 RB



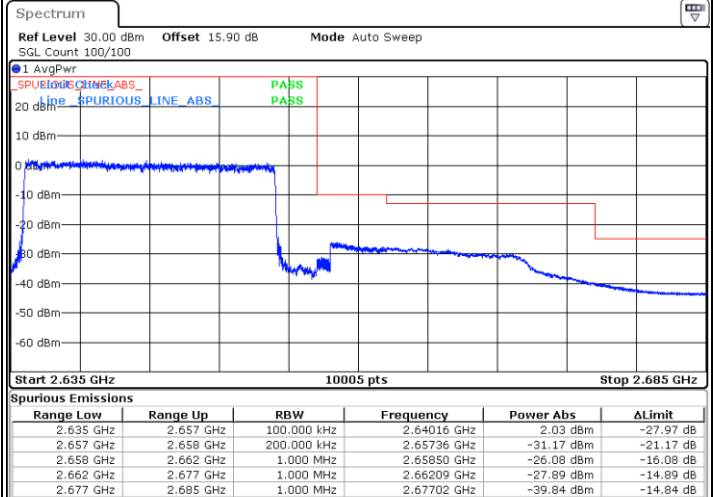
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



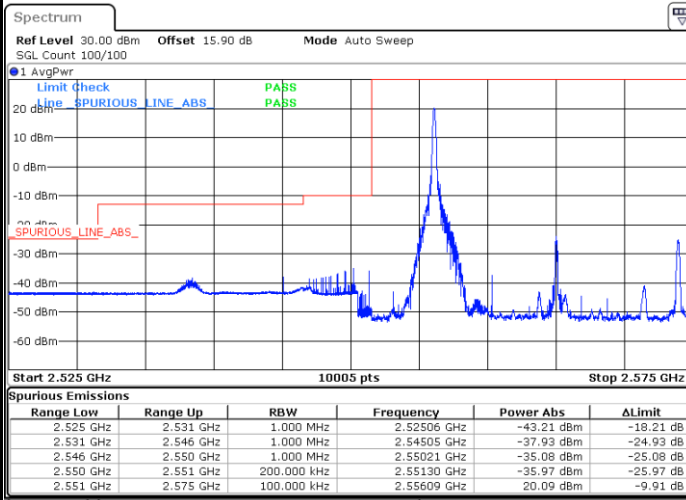
## Highest Band Edge / Full RB



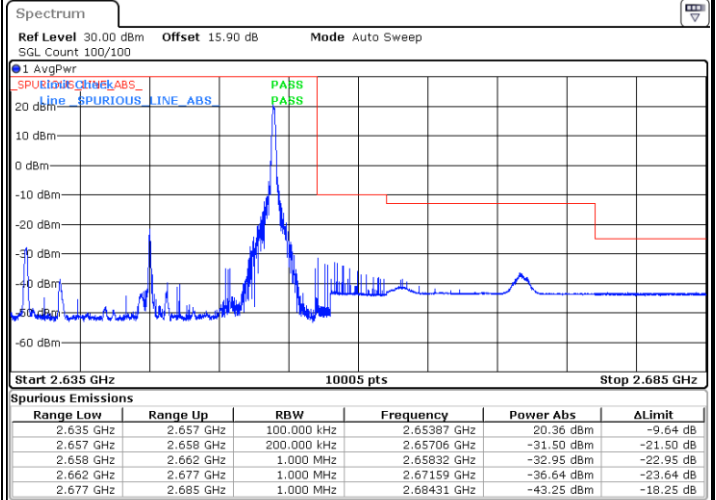


## LTE Band 41 / 20MHz / 16QAM

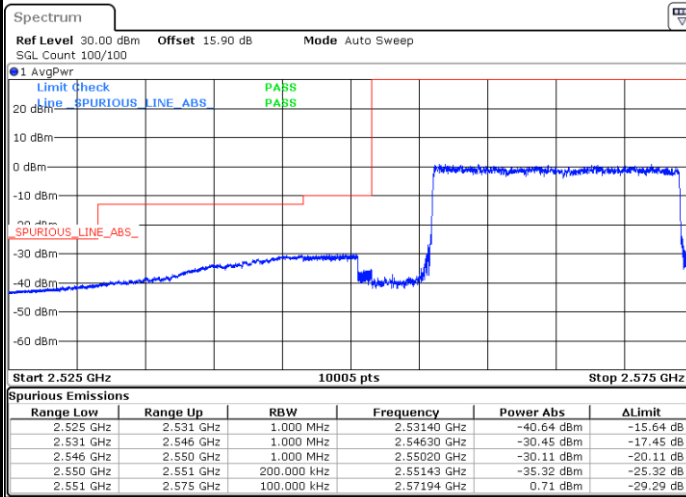
## Lowest Band Edge / 1 RB



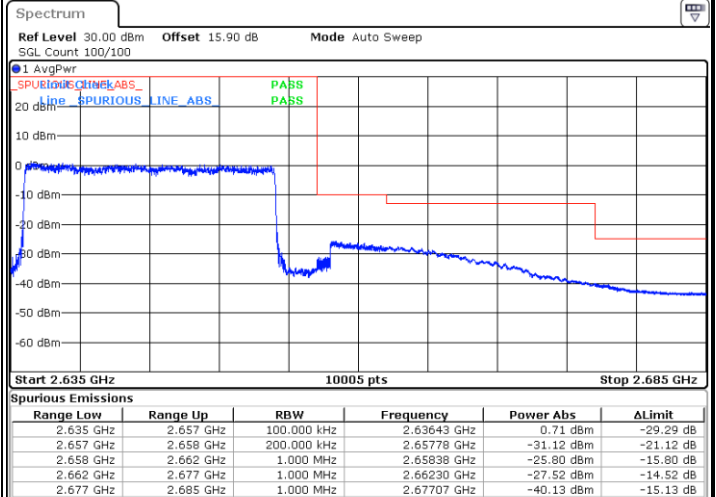
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB





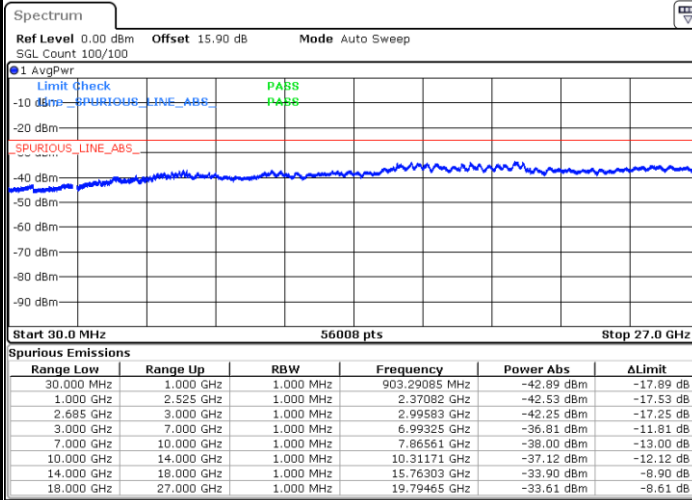
## **Conducted Spurious Emission**





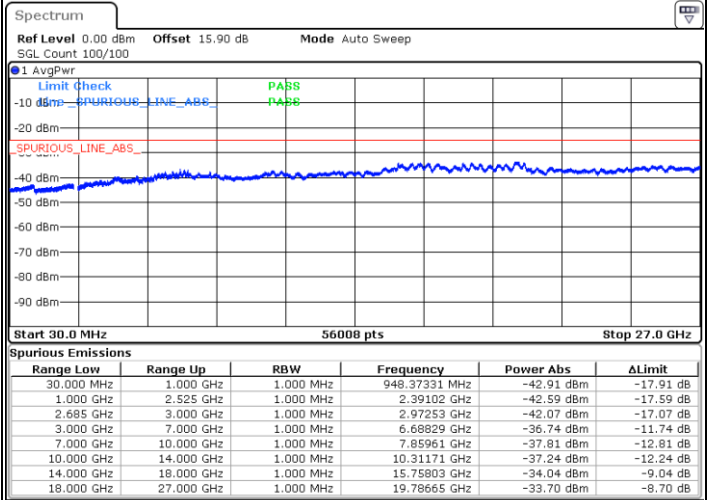
## LTE Band 41 / 5MHz

## Lowest Channel / QPSK



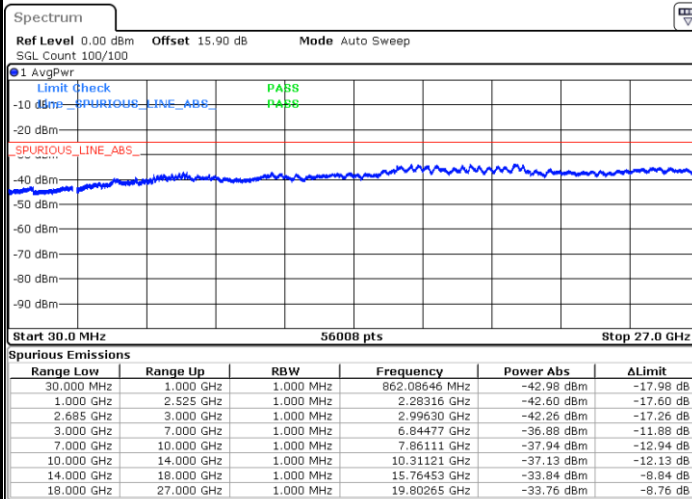
Date: 3.AUG.2017 12:09:00

## Lowest Channel / 16QAM



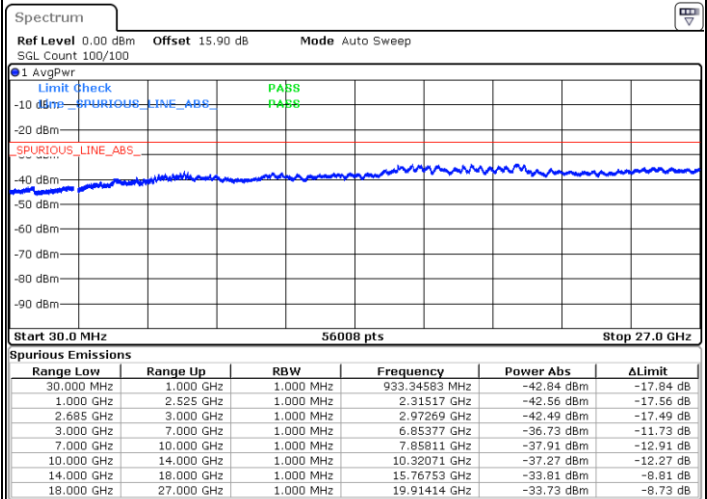
Date: 3.AUG.2017 12:09:55

## Middle Channel / QPSK



Date: 3.AUG.2017 12:10:50

## Middle Channel / 16QAM

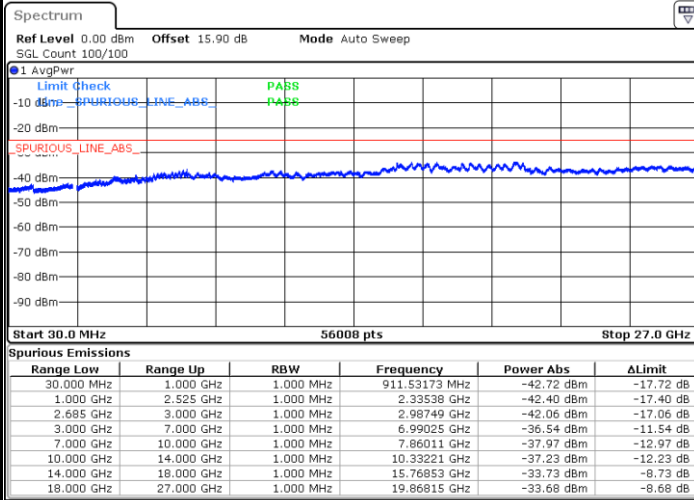


Date: 3.AUG.2017 12:11:45



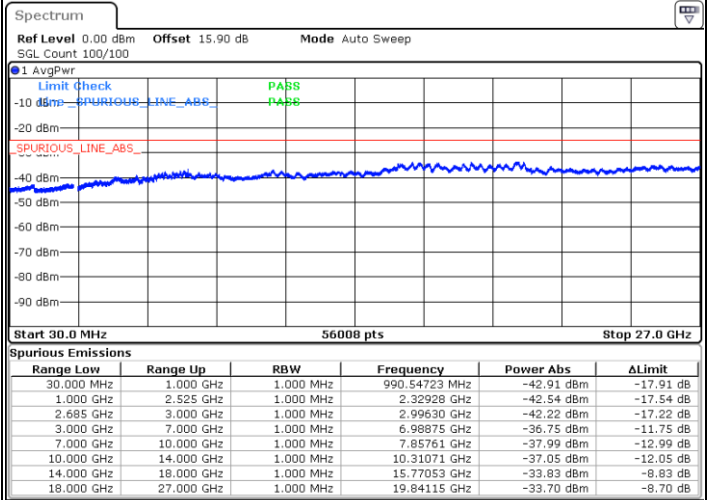
## LTE Band 41 / 5MHz

## Highest Channel / QPSK



Date: 3.AUG.2017 12:12:40

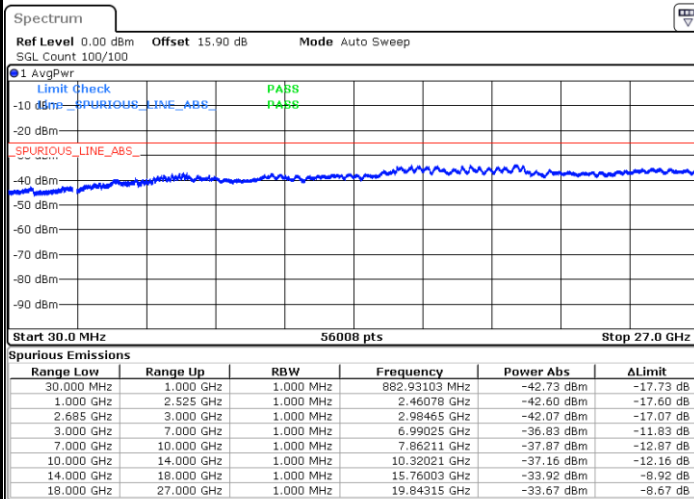
## Highest Channel / 16QAM



Date: 3.AUG.2017 12:13:35

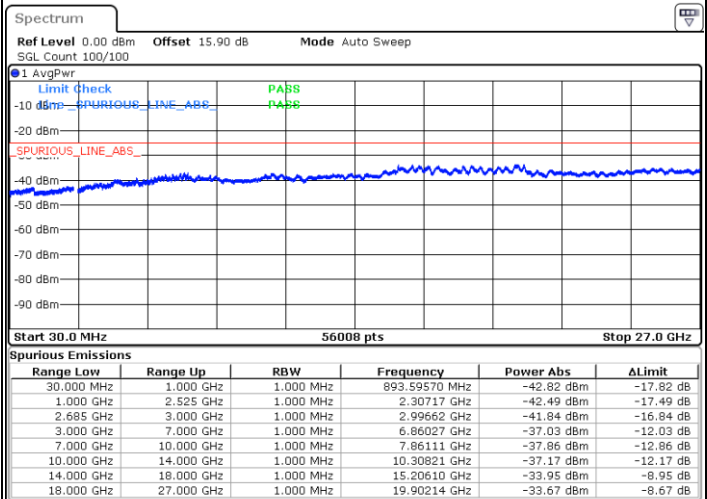
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



Date: 3.AUG.2017 12:14:30

## Lowest Channel / 16QAM

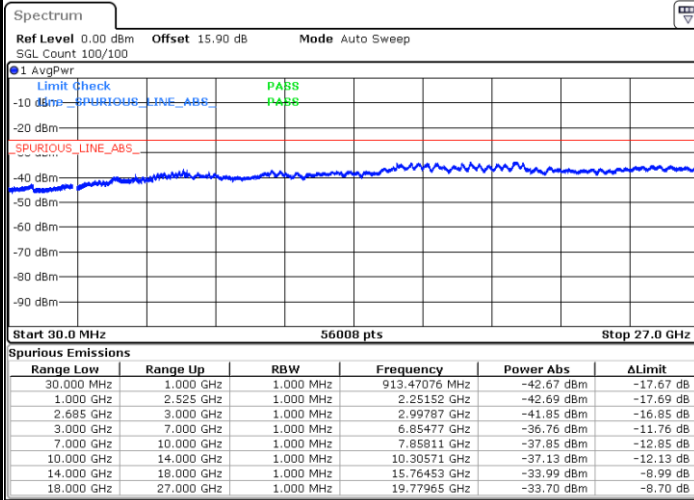


Date: 3.AUG.2017 12:15:25



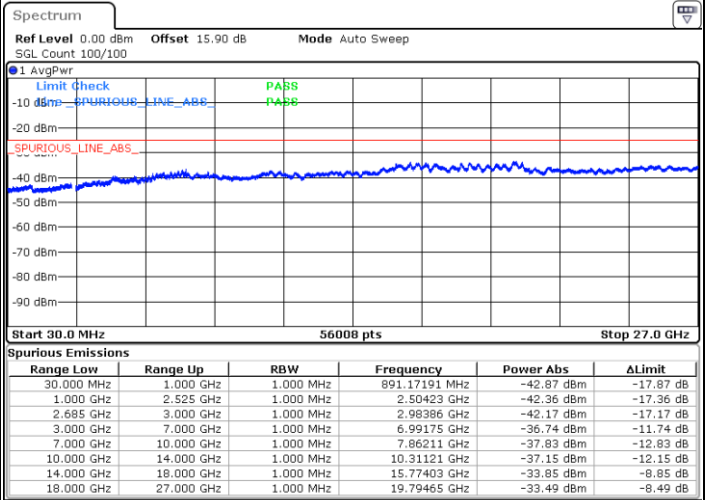
## LTE Band 41 / 10MHz

## Middle Channel / QPSK



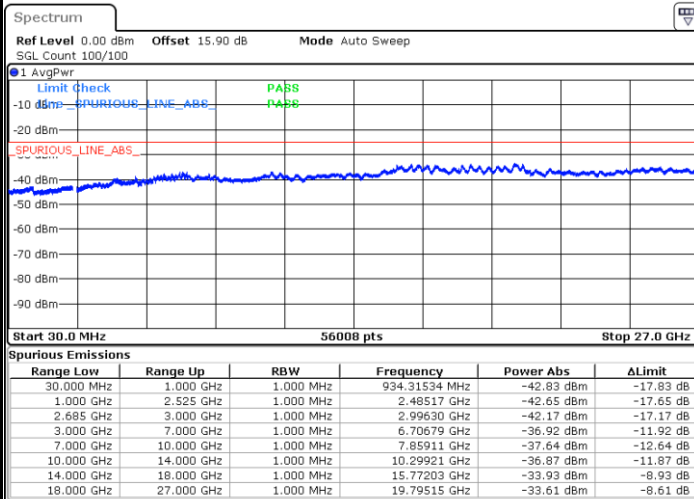
Date: 3.AUG.2017 12:16:19

## Middle Channel / 16QAM



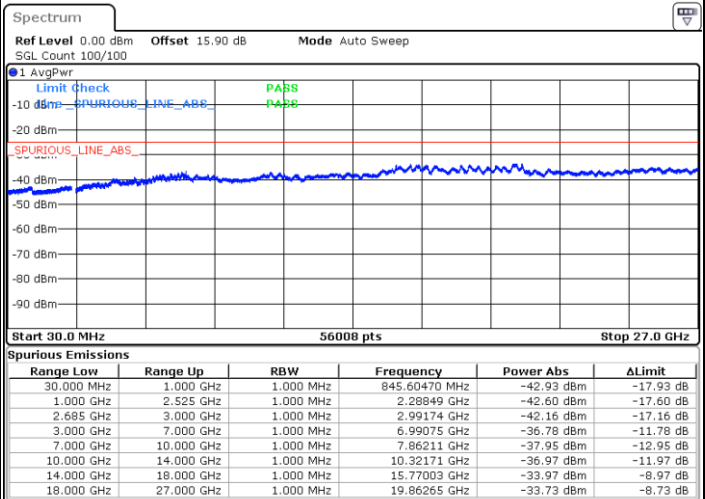
Date: 3.AUG.2017 12:17:14

## Highest Channel / QPSK



Date: 3.AUG.2017 12:18:09

## Highest Channel / 16QAM

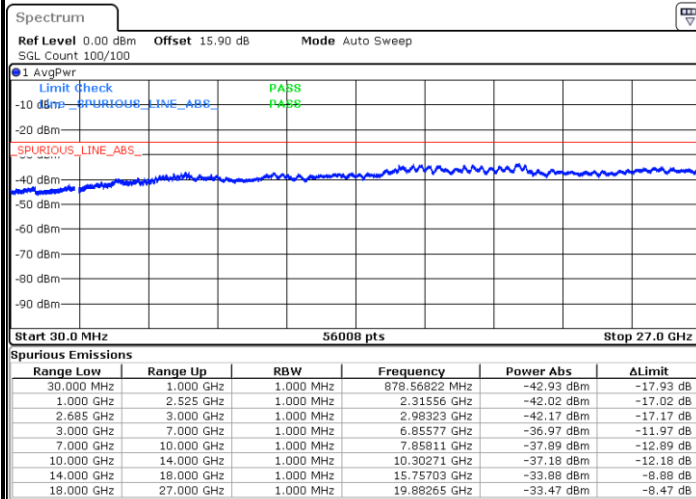


Date: 3.AUG.2017 12:19:04



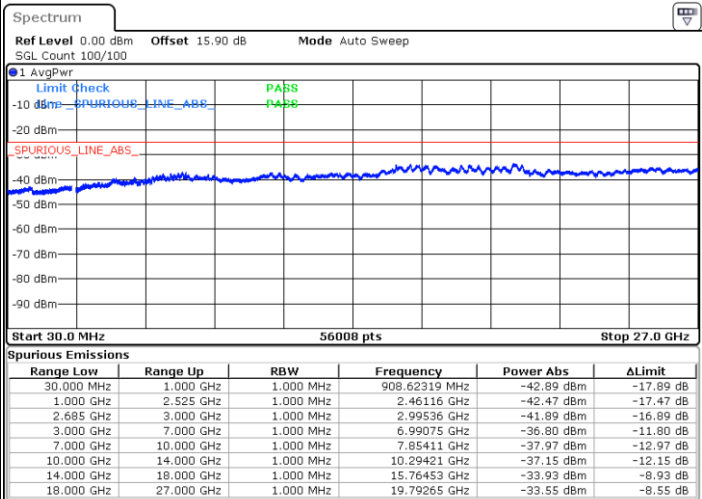
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



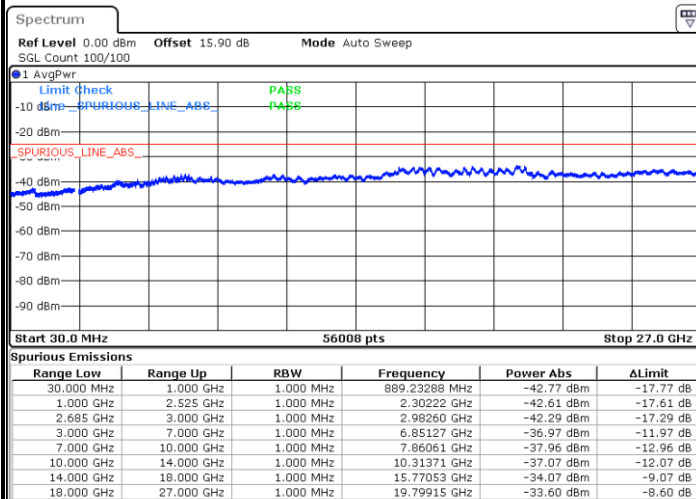
Date: 3.AUG.2017 12:19:59

## Lowest Channel / 16QAM



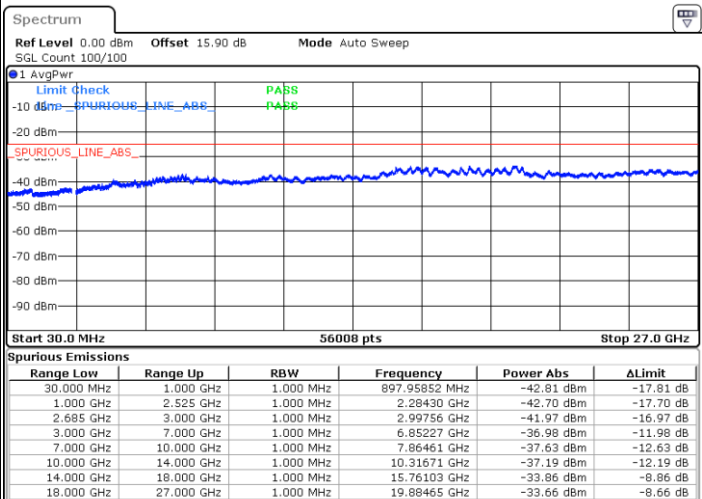
Date: 3.AUG.2017 12:20:54

## Middle Channel / QPSK



Date: 3.AUG.2017 12:21:49

## Middle Channel / 16QAM

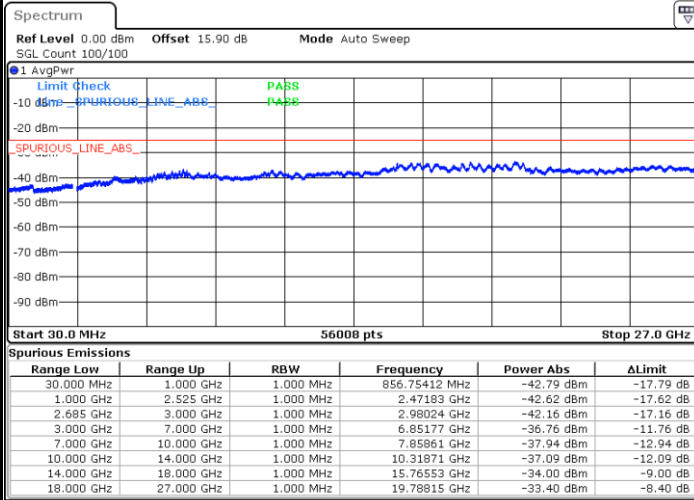


Date: 3.AUG.2017 12:22:44



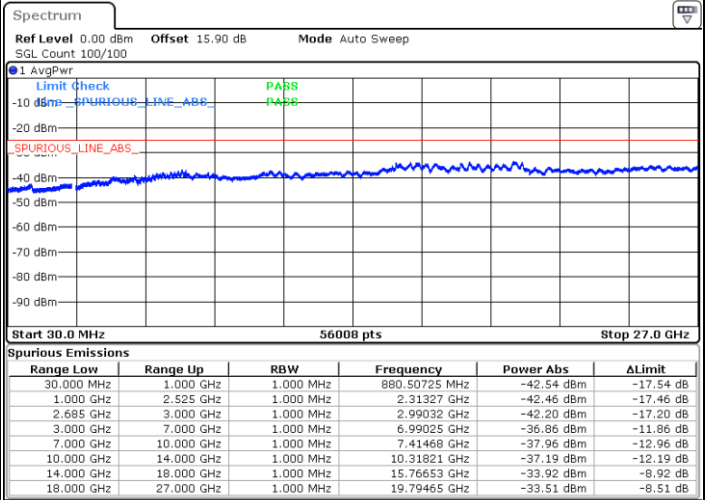
## LTE Band 41 / 15MHz

## Highest Channel / QPSK



Date: 3.AUG.2017 12:23:39

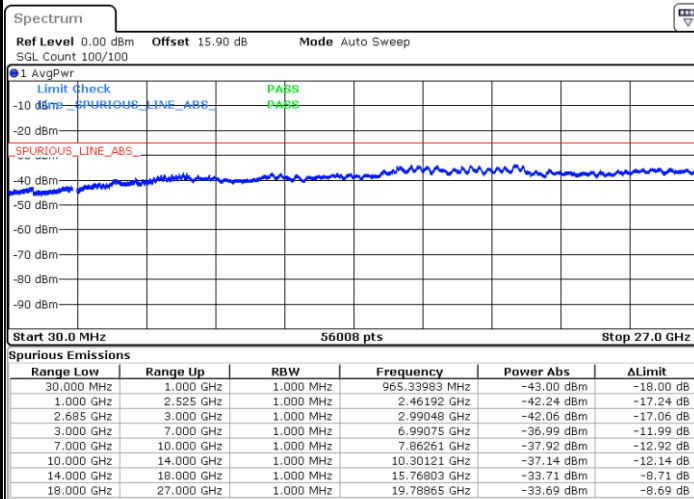
## Highest Channel / 16QAM



Date: 3.AUG.2017 12:24:34

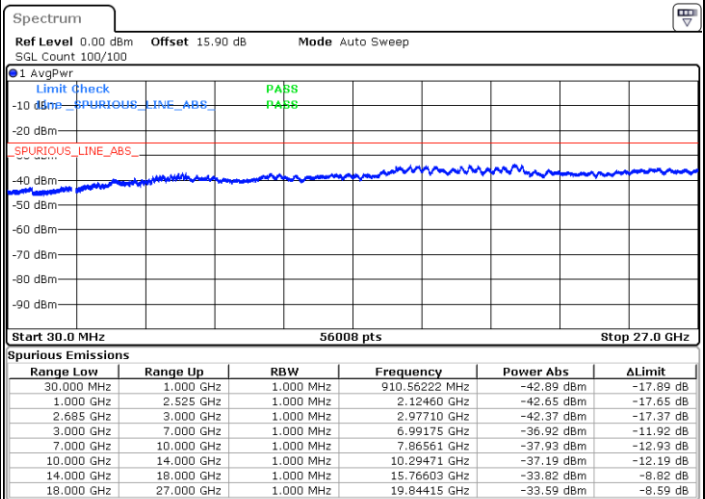
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



Date: 3.AUG.2017 12:25:29

## Lowest Channel / 16QAM

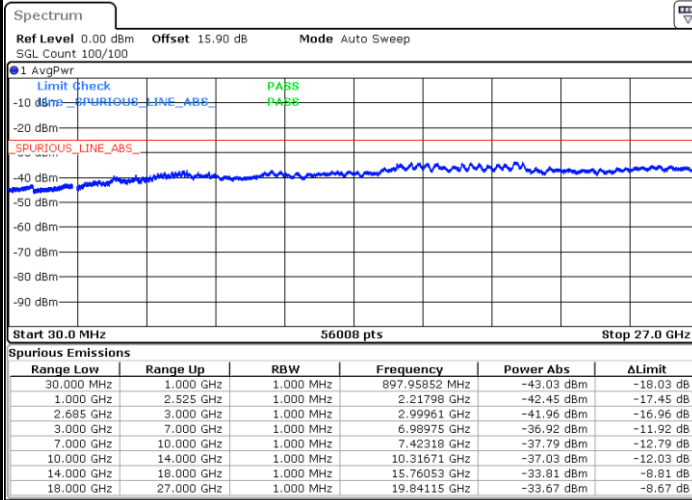


Date: 3.AUG.2017 12:26:23



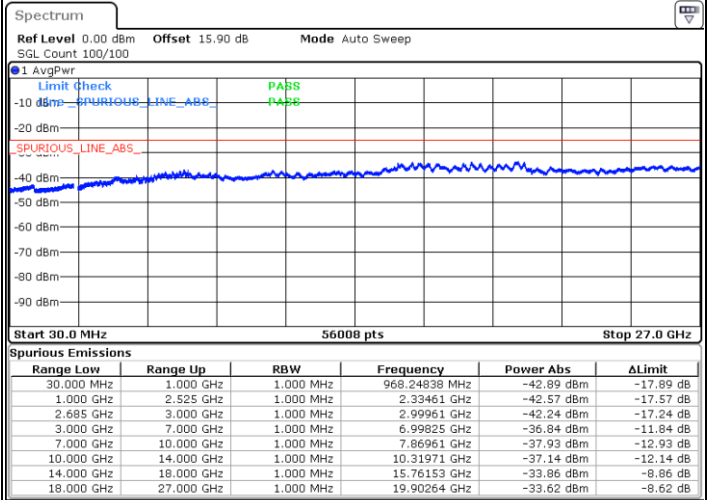
## LTE Band 41 / 20MHz

## Middle Channel / QPSK



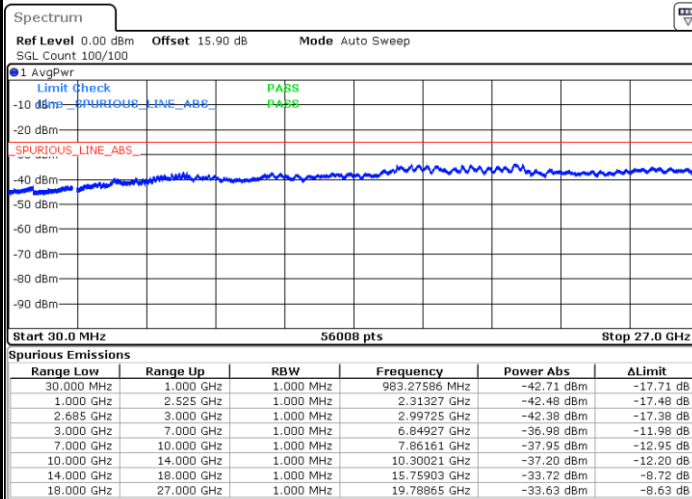
Date: 3.AUG.2017 12:27:18

## Middle Channel / 16QAM



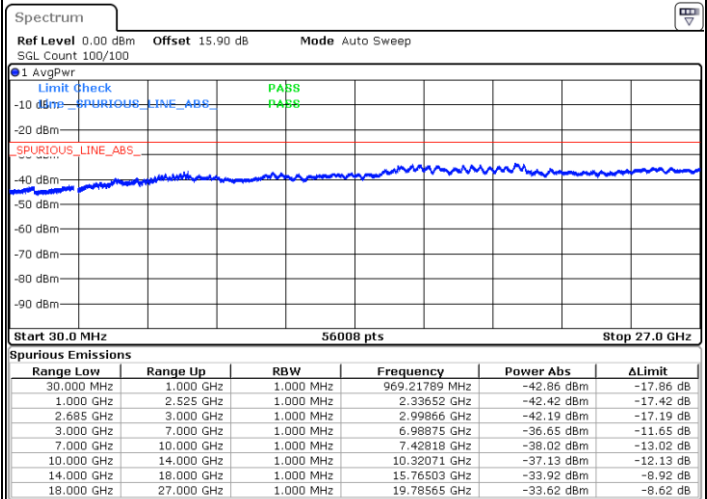
Date: 3.AUG.2017 12:28:13

## Highest Channel / QPSK



Date: 3.AUG.2017 12:29:08

## Highest Channel / 16QAM



Date: 3.AUG.2017 12:30:03

## Frequency Stability

| Test Conditions  |                   | LTE Band 41 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0009                              | PASS    |
| 40               | Normal Voltage    | 0.0089                              |         |
| 30               | Normal Voltage    | 0.0086                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0009                              |         |
| 0                | Normal Voltage    | 0.0093                              |         |
| -10              | Normal Voltage    | 0.0006                              |         |
| -20              | Normal Voltage    | 0.0084                              |         |
| -30              | Normal Voltage    | 0.0086                              |         |
| 20               | Maximum Voltage   | 0.0083                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0004                              |         |

**Note:**

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of ERP/EIRP and Radiated Test

### ERP/EIRP

| LTE Band 2 / 1.4MHz (Average) (GT - LC = -3.7 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 3    | 3      | 22.21       | 0.1663        | 18.51     | 0.0710  |
| Middle  |           | 3    | 3      | 22.23       | 0.1671        | 18.53     | 0.0713  |
| Highest   |           | 3    | 3      | 21.29       | 0.1346        | 17.59     | 0.0574  |
| Lowest  | 16QAM     | 1    | 0      | 21.36       | 0.1368        | 17.66     | 0.0583  |
| Middle  |           | 1    | 0      | 21.48       | 0.1406        | 17.78     | 0.0600  |
| Highest   |           | 1    | 0      | 20.59       | 0.1146        | 16.89     | 0.0489  |
| Limit   | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 2 / 3MHz (Average) (GT - LC = -3.7 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1    | 0      | 22.24       | 0.1675        | 18.54     | 0.0714  |
| Middle  |           | 1    | 0      | 21.39       | 0.1377        | 17.69     | 0.0587  |
| Highest   |           | 1    | 0      | 21.35       | 0.1365        | 17.65     | 0.0582  |
| Lowest  | 16QAM     | 1    | 0      | 20.60       | 0.1148        | 16.90     | 0.0490  |
| Middle  |           | 1    | 0      | 20.67       | 0.1167        | 16.97     | 0.0498  |
| Highest   |           | 1    | 0      | 20.71       | 0.1178        | 17.01     | 0.0502  |
| Limit   | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 2 / 5MHz (Average) (GT - LC = -3.7 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1    | 0      | 22.20       | 0.1660        | 18.50     | 0.0708  |
| Middle  |           | 1    | 0      | 21.48       | 0.1406        | 17.78     | 0.0600  |
| Highest   |           | 1    | 0      | 21.29       | 0.1346        | 17.59     | 0.0574  |
| Lowest  | 16QAM     | 1    | 12     | 20.61       | 0.1151        | 16.91     | 0.0491  |
| Middle  |           | 1    | 12     | 20.67       | 0.1167        | 16.97     | 0.0498  |
| Highest   |           | 1    | 12     | 20.69       | 0.1172        | 16.99     | 0.0500  |
| Limit   | EIRP < 2W |      |        | Result      |               | PASS      |         |





| LTE Band 2 / 10MHz (Average) (GT - LC = -3.7 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 22.34       | 0.1714        | 18.64     | 0.0731  |
| Middle   |           | 1    | 0      | 22.35       | 0.1718        | 18.65     | 0.0733  |
| Highest  |           | 1    | 0      | 22.36       | 0.1722        | 18.66     | 0.0735  |
| Lowest   | 16QAM     | 1    | 0      | 21.53       | 0.1422        | 17.83     | 0.0607  |
| Middle   |           | 1    | 0      | 21.63       | 0.1455        | 17.93     | 0.0621  |
| Highest  |           | 1    | 0      | 21.61       | 0.1449        | 17.91     | 0.0618  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 2 / 15MHz (Average) (GT - LC = -3.7 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 22.43       | 0.1750        | 18.73     | 0.0746  |
| Middle   |           | 1    | 0      | 22.43       | 0.1750        | 18.73     | 0.0746  |
| Highest  |           | 1    | 0      | 22.41       | 0.1742        | 18.71     | 0.0743  |
| Lowest   | 16QAM     | 1    | 0      | 21.66       | 0.1466        | 17.96     | 0.0625  |
| Middle   |           | 1    | 0      | 21.74       | 0.1493        | 18.04     | 0.0637  |
| Highest  |           | 1    | 0      | 21.70       | 0.1479        | 18.00     | 0.0631  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 2 / 20MHz (Average) (GT - LC = -3.7 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 22.62       | 0.1828        | 18.92     | 0.0780  |
| Middle   |           | 1    | 0      | 22.61       | 0.1824        | 18.91     | 0.0778  |
| Highest  |           | 1    | 0      | 22.49       | 0.1774        | 18.79     | 0.0757  |
| Lowest   | 16QAM     | 1    | 0      | 21.82       | 0.1521        | 18.12     | 0.0649  |
| Middle   |           | 1    | 0      | 21.77       | 0.1503        | 18.07     | 0.0641  |
| Highest  |           | 1    | 0      | 21.77       | 0.1503        | 18.07     | 0.0641  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 4 / 1.4MHz (Average) (GT - LC = -5.1 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 3    | 3      | 21.56       | 0.1432        | 16.46     | 0.0443  |
| Middle  |           | 3    | 3      | 21.60       | 0.1445        | 16.50     | 0.0447  |
| Highest   |           | 3    | 3      | 21.57       | 0.1435        | 16.47     | 0.0444  |
| Lowest  | 16QAM     | 1    | 0      | 20.80       | 0.1202        | 15.70     | 0.0372  |
| Middle  |           | 1    | 0      | 20.87       | 0.1222        | 15.77     | 0.0378  |
| Highest   |           | 1    | 0      | 20.81       | 0.1205        | 15.71     | 0.0372  |
| Limit   | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 3MHz (Average) (GT - LC = -5.1 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1    | 0      | 21.64       | 0.1459        | 16.54     | 0.0451  |
| Middle  |           | 1    | 0      | 21.67       | 0.1469        | 16.57     | 0.0454  |
| Highest   |           | 1    | 0      | 21.63       | 0.1455        | 16.53     | 0.0450  |
| Lowest  | 16QAM     | 1    | 0      | 20.95       | 0.1245        | 15.85     | 0.0385  |
| Middle  |           | 1    | 0      | 21.01       | 0.1262        | 15.91     | 0.0390  |
| Highest   |           | 1    | 0      | 20.94       | 0.1242        | 15.84     | 0.0384  |
| Limit   | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 5MHz (Average) (GT - LC = -5.1 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1    | 12     | 21.62       | 0.1452        | 16.52     | 0.0449  |
| Middle  |           | 1    | 12     | 21.66       | 0.1466        | 16.56     | 0.0453  |
| Highest   |           | 1    | 12     | 21.61       | 0.1449        | 16.51     | 0.0448  |
| Lowest  | 16QAM     | 1    | 12     | 20.93       | 0.1239        | 15.83     | 0.0383  |
| Middle  |           | 1    | 12     | 21.00       | 0.1259        | 15.90     | 0.0389  |
| Highest   |           | 1    | 12     | 20.93       | 0.1239        | 15.83     | 0.0383  |
| Limit   | EIRP < 1W |      |        | Result      |               | PASS      |         |



| LTE Band 4 / 10MHz (Average) (GT - LC = -5.1 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 22.66       | 0.1845        | 17.56     | 0.0570  |
| Middle   |           | 1    | 0      | 22.71       | 0.1866        | 17.61     | 0.0577  |
| Highest  |           | 1    | 0      | 22.74       | 0.1879        | 17.64     | 0.0581  |
| Lowest   | 16QAM     | 1    | 0      | 21.88       | 0.1542        | 16.78     | 0.0476  |
| Middle   |           | 1    | 0      | 21.77       | 0.1503        | 16.67     | 0.0465  |
| Highest  |           | 1    | 0      | 21.91       | 0.1552        | 16.81     | 0.0480  |
| Limit  | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 15MHz (Average) (GT - LC = -5.1 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 22.76       | 0.1888        | 17.66     | 0.0583  |
| Middle   |           | 1    | 0      | 22.79       | 0.1901        | 17.69     | 0.0587  |
| Highest  |           | 1    | 0      | 22.79       | 0.1901        | 17.69     | 0.0587  |
| Lowest   | 16QAM     | 1    | 0      | 21.97       | 0.1574        | 16.87     | 0.0486  |
| Middle   |           | 1    | 0      | 21.95       | 0.1567        | 16.85     | 0.0484  |
| Highest  |           | 1    | 0      | 22.00       | 0.1585        | 16.90     | 0.0490  |
| Limit  | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 20MHz (Average) (GT - LC = -5.1 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1    | 0      | 22.85       | 0.1928        | 17.75     | 0.0596  |
| Middle   |           | 1    | 0      | 22.93       | 0.1963        | 17.83     | 0.0607  |
| Highest  |           | 1    | 0      | 22.92       | 0.1959        | 17.82     | 0.0605  |
| Lowest   | 16QAM     | 1    | 0      | 21.98       | 0.1578        | 16.88     | 0.0488  |
| Middle   |           | 1    | 0      | 21.96       | 0.1570        | 16.86     | 0.0485  |
| Highest  |           | 1    | 0      | 21.99       | 0.1581        | 16.89     | 0.0489  |
| Limit  | EIRP < 1W |      |        | Result      |               | PASS      |         |



| LTE Band 5 / 1.4MHz (Average) (GT - LC = -5 dB) |          |      |        |             |               |          |        |
|---|----------|------|--------|-------------|---------------|----------|--------|
| Channel   | Mode     | RB   |        | Conducted   |               | ERP      |        |
|   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest  | QPSK     | 3    | 3      | 22.35       | 0.1718        | 15.20    | 0.0331 |
| Middle  |          | 3    | 3      | 22.18       | 0.1652        | 15.03    | 0.0318 |
| Highest   |          | 3    | 3      | 22.53       | 0.1791        | 15.38    | 0.0345 |
| Lowest  | 16QAM    | 1    | 3      | 21.59       | 0.1442        | 14.44    | 0.0278 |
| Middle  |          | 1    | 3      | 21.57       | 0.1435        | 14.42    | 0.0277 |
| Highest   |          | 1    | 3      | 21.85       | 0.1531        | 14.70    | 0.0295 |
| Limit   | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 5 / 3MHz (Average) (GT - LC = -5 dB) |          |      |        |             |               |          |        |
|---|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                       | Mode     | RB   |        | Conducted   |               | ERP      |        |
|   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest  | QPSK     | 1    | 0      | 22.43       | 0.1750        | 15.28    | 0.0337 |
| Middle  |          | 1    | 0      | 22.23       | 0.1671        | 15.08    | 0.0322 |
| Highest                                       |          | 1    | 0      | 22.59       | 0.1816        | 15.44    | 0.0350 |
| Lowest  | 16QAM    | 1    | 14     | 21.75       | 0.1496        | 14.60    | 0.0288 |
| Middle  |          | 1    | 14     | 21.53       | 0.1422        | 14.38    | 0.0274 |
| Highest                                       |          | 1    | 14     | 21.61       | 0.1449        | 14.46    | 0.0279 |
| Limit   | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 5 / 5MHz (Average) (GT - LC = -5 dB) |          |      |        |             |               |          |        |
|---|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                       | Mode     | RB   |        | Conducted   |               | ERP      |        |
|   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest  | QPSK     | 1    | 0      | 22.33       | 0.1710        | 15.18    | 0.0330 |
| Middle  |          | 1    | 0      | 22.19       | 0.1656        | 15.04    | 0.0319 |
| Highest                                       |          | 1    | 0      | 22.46       | 0.1762        | 15.31    | 0.0340 |
| Lowest  | 16QAM    | 1    | 12     | 21.74       | 0.1493        | 14.59    | 0.0288 |
| Middle  |          | 1    | 12     | 21.70       | 0.1479        | 14.55    | 0.0285 |
| Highest                                       |          | 1    | 12     | 21.65       | 0.1462        | 14.50    | 0.0282 |
| Limit   | ERP < 7W |      |        | Result      |               | PASS     |        |



| LTE Band 5 / 10MHz (Average) (GT - LC = -5 dB) |          |      |        |             |               |          |        |
|--|----------|------|--------|-------------|---------------|----------|--------|
| Channel  | Mode     | RB   |        | Conducted   |               | ERP      |        |
|  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest   | QPSK     | 1    | 0      | 23.25       | 0.2113        | 16.10    | 0.0407 |
| Middle   |          | 1    | 0      | 23.33       | 0.2153        | 16.18    | 0.0415 |
| Highest  |          | 1    | 0      | 23.19       | 0.2084        | 16.04    | 0.0402 |
| Lowest   | 16QAM    | 1    | 49     | 22.17       | 0.1648        | 15.02    | 0.0318 |
| Middle   |          | 1    | 49     | 22.46       | 0.1762        | 15.31    | 0.0340 |
| Highest  |          | 1    | 49     | 22.34       | 0.1714        | 15.19    | 0.0330 |
| Limit  | ERP < 7W |      |        | Result      |               | PASS     |        |



| LTE Band 7 / 5MHz (Average) (GT - LC = -3.8 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1.00 | 12.00  | 21.97       | 0.1574        | 18.17     | 0.0656  |
| Middle  |           | 1.00 | 12.00  | 22.03       | 0.1596        | 18.23     | 0.0665  |
| Highest   |           | 1.00 | 12.00  | 21.45       | 0.1396        | 17.65     | 0.0582  |
| Lowest  | 16QAM     | 1.00 | 12.00  | 21.25       | 0.1334        | 17.45     | 0.0556  |
| Middle  |           | 1.00 | 12.00  | 21.28       | 0.1343        | 17.48     | 0.0560  |
| Highest   |           | 1.00 | 12.00  | 20.75       | 0.1189        | 16.95     | 0.0495  |
| Limit   | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 7 / 10MHz (Average) (GT - LC = -3.8 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1.00 | 0.00   | 21.95       | 0.1567        | 18.15     | 0.0653  |
| Middle   |           | 1.00 | 0.00   | 22.05       | 0.1603        | 18.25     | 0.0668  |
| Highest  |           | 1.00 | 0.00   | 21.46       | 0.1400        | 17.66     | 0.0583  |
| Lowest   | 16QAM     | 1.00 | 0.00   | 21.21       | 0.1321        | 17.41     | 0.0551  |
| Middle   |           | 1.00 | 0.00   | 21.29       | 0.1346        | 17.49     | 0.0561  |
| Highest  |           | 1.00 | 0.00   | 20.74       | 0.1186        | 16.94     | 0.0494  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 7 / 15MHz (Average) (GT - LC = -3.8 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1.00 | 0.00   | 22.03       | 0.1596        | 18.23     | 0.0665  |
| Middle   |           | 1.00 | 0.00   | 22.14       | 0.1637        | 18.34     | 0.0682  |
| Highest  |           | 1.00 | 0.00   | 21.42       | 0.1387        | 17.62     | 0.0578  |
| Lowest   | 16QAM     | 1.00 | 0.00   | 21.30       | 0.1349        | 17.50     | 0.0562  |
| Middle   |           | 1.00 | 0.00   | 21.39       | 0.1377        | 17.59     | 0.0574  |
| Highest  |           | 1.00 | 0.00   | 20.70       | 0.1175        | 16.90     | 0.0490  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 7 / 20MHz (Average) (GT - LC = -3.8 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1.00 | 0.00   | 22.40       | 0.1738        | 18.60     | 0.0724  |
| Middle   |           | 1.00 | 0.00   | 22.27       | 0.1687        | 18.47     | 0.0703  |
| Highest  |           | 1.00 | 0.00   | 22.10       | 0.1622        | 18.30     | 0.0676  |
| Lowest   | 16QAM     | 1.00 | 99.00  | 21.45       | 0.1396        | 17.65     | 0.0582  |
| Middle   |           | 1.00 | 99.00  | 21.49       | 0.1409        | 17.69     | 0.0587  |
| Highest  |           | 1.00 | 99.00  | 20.85       | 0.1216        | 17.05     | 0.0507  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 41 / 5MHz (Average) (GT - LC = -4.2 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1.00 | 12.00  | 22.81       | 0.1910        | 18.61     | 0.0726  |
| Middle   |           | 1.00 | 12.00  | 22.57       | 0.1807        | 18.37     | 0.0687  |
| Highest  |           | 1.00 | 12.00  | 22.92       | 0.1959        | 18.72     | 0.0745  |
| Lowest   | 16QAM     | 1.00 | 12.00  | 21.44       | 0.1393        | 17.24     | 0.0530  |
| Middle   |           | 1.00 | 12.00  | 21.22       | 0.1324        | 17.02     | 0.0504  |
| Highest  |           | 1.00 | 12.00  | 21.57       | 0.1435        | 17.37     | 0.0546  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 41 / 10MHz (Average) (GT - LC = -4.2 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1.00 | 49     | 22.86       | 0.1932        | 18.66     | 0.0735  |
| Middle  |           | 1.00 | 49     | 22.54       | 0.1795        | 18.34     | 0.0682  |
| Highest   |           | 1.00 | 49     | 22.93       | 0.1963        | 18.73     | 0.0746  |
| Lowest  | 16QAM     | 1.00 | 49     | 21.47       | 0.1403        | 17.27     | 0.0533  |
| Middle  |           | 1.00 | 49     | 21.20       | 0.1318        | 17.00     | 0.0501  |
| Highest   |           | 1.00 | 49     | 21.59       | 0.1442        | 17.39     | 0.0548  |
| Limit   | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 41 / 15MHz (Average) (GT - LC = -4.2 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1.00 | 37.00  | 22.87       | 0.1936        | 18.67     | 0.0736  |
| Middle  |           | 1.00 | 37.00  | 22.59       | 0.1816        | 18.39     | 0.0690  |
| Highest   |           | 1.00 | 37.00  | 22.92       | 0.1959        | 18.72     | 0.0745  |
| Lowest  | 16QAM     | 1.00 | 74.00  | 21.62       | 0.1452        | 17.42     | 0.0552  |
| Middle  |           | 1.00 | 74.00  | 21.35       | 0.1365        | 17.15     | 0.0519  |
| Highest   |           | 1.00 | 74.00  | 21.69       | 0.1476        | 17.49     | 0.0561  |
| Limit   | EIRP < 2W |      |        | Result      |               | PASS      |         |





| LTE Band 41 / 20MHz (Average) (GT - LC = -4.2 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel   | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1.00 | 0.00   | 22.88       | 0.1941        | 18.68     | 0.0738  |
| Middle  |           | 1.00 | 0.00   | 22.93       | 0.1963        | 18.73     | 0.0746  |
| Highest   |           | 1.00 | 0.00   | 22.94       | 0.1968        | 18.74     | 0.0748  |
| Lowest  | 16QAM     | 1.00 | 99.00  | 21.71       | 0.1483        | 17.51     | 0.0564  |
| Middle  |           | 1.00 | 99.00  | 21.59       | 0.1442        | 17.39     | 0.0548  |
| Highest   |           | 1.00 | 99.00  | 21.81       | 0.1517        | 17.61     | 0.0577  |
| Limit   | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 38 / 5MHz (Peak) (GT - LC = -4.2 dB) |           |      |        |             |               |           |         |
|---|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                       | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | QPSK      | 1.00 | 12.00  | 22.70       | 0.1862        | 18.50     | 0.0708  |
| Middle  |           | 1.00 | 12.00  | 22.66       | 0.1845        | 18.46     | 0.0701  |
| Highest                                       |           | 1.00 | 12.00  | 22.69       | 0.1858        | 18.49     | 0.0706  |
| Lowest  | 16QAM     | 1.00 | 12.00  | 21.35       | 0.1365        | 17.15     | 0.0519  |
| Middle  |           | 1.00 | 12.00  | 21.31       | 0.1352        | 17.11     | 0.0514  |
| Highest                                       |           | 1.00 | 12.00  | 21.34       | 0.1361        | 17.14     | 0.0518  |
| Limit   | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 38 / 10MHz (Peak) (GT - LC = -4.2 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1.00 | 49     | 22.75       | 0.1884        | 18.55     | 0.0716  |
| Middle   |           | 1.00 | 49     | 22.71       | 0.1866        | 18.51     | 0.0710  |
| Highest  |           | 1.00 | 49     | 22.77       | 0.1892        | 18.57     | 0.0719  |
| Lowest   | 16QAM     | 1.00 | 49     | 21.37       | 0.1371        | 17.17     | 0.0521  |
| Middle   |           | 1.00 | 49     | 21.33       | 0.1358        | 17.13     | 0.0516  |
| Highest  |           | 1.00 | 49     | 21.39       | 0.1377        | 17.19     | 0.0524  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 38 / 15MHz (Peak) (GT - LC = -4.2 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1.00 | 74.00  | 22.93       | 0.1963        | 18.73     | 0.0746  |
| Middle   |           | 1.00 | 74.00  | 22.90       | 0.1950        | 18.70     | 0.0741  |
| Highest  |           | 1.00 | 74.00  | 22.93       | 0.1963        | 18.73     | 0.0746  |
| Lowest   | 16QAM     | 1.00 | 74.00  | 21.50       | 0.1413        | 17.30     | 0.0537  |
| Middle   |           | 1.00 | 74.00  | 21.48       | 0.1406        | 17.28     | 0.0535  |
| Highest  |           | 1.00 | 74.00  | 21.51       | 0.1416        | 17.31     | 0.0538  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 38 / 20MHz (Peak) (GT - LC = -4.2 dB) |           |      |        |             |               |           |         |
|--|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest   | QPSK      | 1.00 | 0.00   | 22.98       | 0.1986        | 18.78     | 0.0755  |
| Middle   |           | 1.00 | 0.00   | 22.96       | 0.1977        | 18.76     | 0.0752  |
| Highest  |           | 1.00 | 0.00   | 22.94       | 0.1968        | 18.74     | 0.0748  |
| Lowest   | 16QAM     | 1.00 | 99.00  | 21.63       | 0.1455        | 17.43     | 0.0553  |
| Middle   |           | 1.00 | 99.00  | 21.60       | 0.1445        | 17.40     | 0.0550  |
| Highest  |           | 1.00 | 99.00  | 21.63       | 0.1455        | 17.43     | 0.0553  |
| Limit  | EIRP < 2W |      |        | Result      |               | PASS      |         |

**Radiated Spurious Emission****LTE Band 2**

| LTE Band 2 / 1.4MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                     | 3756                 | -44.90          | -13              | -31.90                  | -61.84                  | -56.7                    | 0.69                       | 12.50                       | H                     |
|                            | 5640                 | -52.57          | -13              | -39.57                  | -74.02                  | -64.7                    | 0.98                       | 13.12                       | H                     |
|                            | 11278.5              | -43.94          | -13              | -30.94                  | -74.74                  | -53.6                    | 1.49                       | 11.15                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3762                 | -45.69          | -13              | -32.69                  | -63.8                   | -57.5                    | 0.69                       | 12.50                       | V                     |
|                            | 5640                 | -52.77          | -13              | -39.77                  | -74.12                  | -64.9                    | 0.98                       | 13.12                       | V                     |
|                            | 11278.5              | -42.74          | -13              | -29.74                  | -73.73                  | -52.4                    | 1.49                       | 11.15                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 2 / 3MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                 | -46.11          | -13              | -33.11                  | -63.11                  | -57.9                    | 0.72                       | 12.52                       | H                     |
|                          | 5550                 | -51.03          | -13              | -38.03                  | -72.59                  | -63.2                    | 1.00                       | 13.17                       | H                     |
|                          | 9252                 | -44.59          | -13              | -31.59                  | -73.84                  | -55.1                    | 1.39                       | 11.89                       | H                     |
|                          | 11100                | -43.73          | -13              | -30.73                  | -74.07                  | -52.8                    | 1.47                       | 10.54                       | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          | 3702                 | -46.71          | -13              | -33.71                  | -64.57                  | -58.5                    | 0.72                       | 12.52                       | V                     |
|                          | 5550                 | -52.53          | -13              | -39.53                  | -74.03                  | -64.7                    | 1.00                       | 13.17                       | V                     |
|                          | 9252                 | -42.39          | -13              | -29.39                  | -71.07                  | -52.9                    | 1.39                       | 11.89                       | V                     |
|                          | 11100                | -43.33          | -13              | -30.33                  | -73.8                   | -52.4                    | 1.47                       | 10.54                       | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 2 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                 | -46.31          | -13              | -33.31                  | -63.05                  | -58.1                    | 0.72                       | 12.52                       | H                     |
|                          | 5550                 | -51.93          | -13              | -38.93                  | -73.16                  | -64.1                    | 1.00                       | 13.17                       | H                     |
|                          | 9252                 | -43.49          | -13              | -30.49                  | -72.91                  | -54                      | 1.39                       | 11.89                       | H                     |
|                          | 11100                | -43.73          | -13              | -30.73                  | -74.1                   | -52.8                    | 1.47                       | 10.54                       | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          | 3702                 | -46.41          | -13              | -33.41                  | -64.44                  | -58.2                    | 0.72                       | 12.52                       | V                     |
|                          | 5550                 | -53.33          | -13              | -40.33                  | -74.89                  | -65.5                    | 1.00                       | 13.17                       | V                     |
|                          | 9252                 | -42.89          | -13              | -29.89                  | -71.4                   | -53.4                    | 1.39                       | 11.89                       | V                     |
|                          | 11100                | -43.83          | -13              | -30.83                  | -74.19                  | -52.9                    | 1.47                       | 10.54                       | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 2 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                   | 3804                 | -47.39          | -13              | -34.39                  | -64.41                  | -59.2                    | 0.67                       | 12.48                       | H                     |
|                           | 5700                 | -53.51          | -13              | -40.51                  | -75.13                  | -65.6                    | 0.99                       | 13.08                       | H                     |
|                           | 11404                | -43.23          | -13              | -30.23                  | -74.25                  | -53.3                    | 1.50                       | 11.57                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3804                 | -48.19          | -13              | -35.19                  | -66.48                  | -60                      | 0.67                       | 12.48                       | V                     |
|                           | 5700                 | -54.01          | -13              | -41.01                  | -75.57                  | -66.1                    | 0.99                       | 13.08                       | V                     |
|                           | 11404                | -43.63          | -13              | -30.63                  | -75.09                  | -53.7                    | 1.50                       | 11.57                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 2 / 15MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                 | -45.41          | -13              | -32.41                  | -62.74                  | -57.2                    | 0.72                       | 12.52                       | H                     |
|                           | 5550                 | -51.73          | -13              | -38.73                  | -73.39                  | -63.9                    | 1.00                       | 13.17                       | H                     |
|                           | 9252                 | -44.69          | -13              | -31.69                  | -73.77                  | -55.2                    | 1.39                       | 11.89                       | H                     |
|                           | 11100                | -43.73          | -13              | -30.73                  | -73.95                  | -52.8                    | 1.47                       | 10.54                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3702                 | -46.91          | -13              | -33.91                  | -64.99                  | -58.7                    | 0.72                       | 12.52                       | V                     |
|                           | 5550                 | -52.33          | -13              | -39.33                  | -73.67                  | -64.5                    | 1.00                       | 13.17                       | V                     |
|                           | 9252                 | -42.69          | -13              | -29.69                  | -71.49                  | -53.2                    | 1.39                       | 11.89                       | V                     |
|                           | 11100                | -43.43          | -13              | -30.43                  | -73.52                  | -52.5                    | 1.47                       | 10.54                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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





| LTE Band 2 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                 | -45.31          | -13              | -32.31                  | -62.19                  | -57.1                    | 0.72                       | 12.52                       | H                     |
|                           | 5556                 | -51.83          | -13              | -38.83                  | -73.37                  | -64                      | 1.00                       | 13.17                       | H                     |
|                           | 9252                 | -43.59          | -13              | -30.59                  | -72.71                  | -54.1                    | 1.39                       | 11.89                       | H                     |
|                           | 11110.5              | -43.50          | -13              | -30.50                  | -73.95                  | -52.6                    | 1.47                       | 10.57                       | H                     |
|                           | 14806.5              | -41.03          | -13              | -28.03                  | 74.13                   | -52.1                    | 1.69                       | 12.76                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3702                 | -47.81          | -13              | -34.81                  | -65.78                  | -59.6                    | 0.72                       | 12.52                       | V                     |
|                           | 5556                 | -52.73          | -13              | -39.73                  | -73.94                  | -64.9                    | 1.00                       | 13.17                       | V                     |
|                           | 9252                 | -41.69          | -13              | -28.69                  | -70.93                  | -52.2                    | 1.39                       | 11.89                       | V                     |
|                           | 11110.5              | -43.50          | -13              | -30.50                  | -74.11                  | -52.6                    | 1.47                       | 10.57                       | V                     |
|                           | 14806.5              | -41.23          | -13              | -28.23                  | -73.71                  | -52.3                    | 1.69                       | 12.76                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



## **LTE Band 4**

| LTE Band 4 / 1.4MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                     | 3462                 | -46.59          | -13              | -33.59                  | -63.62                  | -58.3                    | 0.78                       | 12.49                       | H                     |
|                            | 10396.5              | -44.58          | -13              | -31.58                  | -75.5                   | -54.52                   | 1.41                       | 11.35                       | H                     |
|                            | 13861.5              | -42.15          | -13              | -29.15                  | -75.29                  | -52.77                   | 1.54                       | 12.17                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3462                 | -49.29          | -13              | -36.29                  | -67                     | -61                      | 0.78                       | 12.49                       | V                     |
|                            | 10396.5              | -44.66          | -13              | -31.66                  | -75.31                  | -54.6                    | 1.41                       | 11.35                       | V                     |
|                            | 13861.5              | -43.08          | -13              | -30.08                  | -74.01                  | -53.7                    | 1.54                       | 12.17                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 4 / 3MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                  | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                   | 3462                 | -46.49          | -13              | -33.49                  | -63.53                  | -58.2                    | 0.78                       | 12.49                       | H                     |
|                          | 8658                 | -47.88          | -13              | -34.88                  | -75.86                  | -58.61                   | 1.39                       | 12.12                       | H                     |
|                          | 10386                | -45.00          | -13              | -32.00                  | -75.94                  | -54.96                   | 1.40                       | 11.37                       | H                     |
|                          | 13851                | -41.70          | -13              | -28.70                  | -74.88                  | -52.34                   | 1.54                       | 12.18                       | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          | 3462                 | -49.49          | -13              | -36.49                  | -66.87                  | -61.2                    | 0.78                       | 12.49                       | V                     |
|                          | 8658                 | -46.97          | -13              | -33.97                  | -74.59                  | -57.7                    | 1.39                       | 12.12                       | V                     |
|                          | 10386                | -44.04          | -13              | -31.04                  | -74.44                  | -54                      | 1.40                       | 11.37                       | V                     |
|                          | 13851                | -42.96          | -13              | -29.96                  | -743.88                 | -53.6                    | 1.54                       | 12.18                       | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 4 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                  | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                   | 3462                 | -47.29          | -13              | -34.29                  | -64.09                  | -59                      | 0.78                       | 12.49                       | H                     |
|                          | 5190                 | -55.61          | -13              | -42.61                  | -76                     | -67.2                    | 0.99                       | 12.58                       | H                     |
|                          | 10386                | -44.84          | -13              | -31.84                  | -75.45                  | -54.8                    | 1.40                       | 11.37                       | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          | 3462                 | -49.99          | -13              | -36.99                  | -67.24                  | -61.7                    | 0.78                       | 12.49                       | V                     |
|                          | 5190                 | -55.51          | -13              | -42.51                  | -76.33                  | -67.1                    | 0.99                       | 12.58                       | V                     |
|                          | 10386                | -43.74          | -13              | -30.74                  | -74.2                   | -53.7                    | 1.40                       | 11.37                       | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 4 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                   | 3492                 | -48.09          | -13              | -35.09                  | -65.34                  | -59.89                   | 0.78                       | 12.58                       | H                     |
|                           | 10470                | -43.99          | -13              | -30.99                  | -74.86                  | -53.78                   | 1.41                       | 11.21                       | H                     |
|                           | 13966.5              | -41.72          | -13              | -28.72                  | -74.57                  | -52.2                    | 1.56                       | 12.04                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3492                 | -51.63          | -13              | -38.63                  | -69.85                  | -63.43                   | 0.78                       | 12.58                       | V                     |
|                           | 10470                | -43.46          | -13              | -30.46                  | -74.19                  | -53.25                   | 1.41                       | 11.21                       | V                     |
|                           | 13966.5              | -42.63          | -13              | -29.63                  | -73.8                   | -53.11                   | 1.56                       | 12.04                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 4 / 15MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                    | 3450                 | -45.53          | -13              | -32.53                  | -62.48                  | -57.2                    | 0.78                       | 12.45                       | H                     |
|                           | 5175                 | -55.63          | -13              | -42.63                  | -76.26                  | -67.2                    | 0.98                       | 12.55                       | H                     |
|                           | 10355                | -44.08          | -13              | -31.08                  | -74.76                  | -54.1                    | 1.40                       | 11.43                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3450                 | -49.63          | -13              | -36.63                  | -66.72                  | -61.3                    | 0.78                       | 12.45                       | V                     |
|                           | 5175                 | -55.33          | -13              | -42.33                  | -75.97                  | -66.9                    | 0.98                       | 12.55                       | V                     |
|                           | 10355                | -43.08          | -13              | -30.08                  | -73.35                  | -53.1                    | 1.40                       | 11.43                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 4 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                    | 3450                 | -45.93          | -13              | -32.93                  | -62.6                   | -57.6                    | 0.78                       | 12.45                       | H                     |
|                           | 5168                 | -55.75          | -13              | -42.75                  | -76.14                  | -67.3                    | 0.98                       | 12.54                       | H                     |
|                           | 10344                | -44.65          | -13              | -31.65                  | -75.12                  | -54.7                    | 1.40                       | 11.45                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3450                 | -49.03          | -13              | -36.03                  | -65.89                  | -60.7                    | 0.78                       | 12.45                       | V                     |
|                           | 5168                 | -55.55          | -13              | -42.55                  | -76.16                  | -67.1                    | 0.98                       | 12.54                       | V                     |
|                           | 10344                | -43.25          | -13              | -30.25                  | -74.09                  | -53.3                    | 1.40                       | 11.45                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



## **LTE Band 5**

| LTE Band 5 / 1.4MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                    | 1696                 | -61.40         | -13              | -48.40                  | -71.78                  | -68.45                   | 0.53                       | 9.73                        | H                     |
|                            | 2544                 | -60.05         | -13              | -47.05                  | -45.74                  | -68.06                   | 0.67                       | 10.83                       | H                     |
|                            | 3392                 | -58.47         | -13              | -45.47                  | -48.53                  | -67.83                   | 0.77                       | 12.28                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1696                 | -60.73         | -13              | -47.73                  | -70.49                  | -67.78                   | 0.53                       | 9.73                        | V                     |
|                            | 2544                 | -60.15         | -13              | -47.15                  | -74                     | -68.16                   | 0.67                       | 10.83                       | V                     |
|                            | 3392                 | -59.19         | -13              | -46.19                  | -75.09                  | -68.55                   | 0.77                       | 12.28                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |

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





| LTE Band 5 / 3MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                  | 1696                 | -60.70         | -13              | -47.70                  | -71.08                  | -67.75                   | 0.53                       | 9.73                        | H                     |
|                          | 2544                 | -60.36         | -13              | -47.36                  | -73.84                  | -68.37                   | 0.67                       | 10.83                       | H                     |
|                          | 3392                 | -58.56         | -13              | -45.56                  | -74.87                  | -67.92                   | 0.77                       | 12.28                       | H                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                          | 1696                 | -60.96         | -13              | -47.96                  | -70.72                  | -68.01                   | 0.53                       | 9.73                        | V                     |
|                          | 2544                 | -59.91         | -13              | -46.91                  | -73.76                  | -67.92                   | 0.67                       | 10.83                       | V                     |
|                          | 3392                 | -59.00         | -13              | -46.00                  | -74.9                   | -68.36                   | 0.77                       | 12.28                       | V                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 5 / 5MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                  | 1688                 | -60.07         | -13              | -47.07                  | -69.93                  | -67.1                    | 0.53                       | 9.71                        | H                     |
|                          | 2532                 | -60.39         | -13              | -47.39                  | -73.82                  | -68.4                    | 0.66                       | 10.82                       | H                     |
|                          | 3376                 | -58.59         | -13              | -45.59                  | -74.63                  | -67.9                    | 0.77                       | 12.23                       | H                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                          | 1688                 | -61.77         | -13              | -48.77                  | -71.08                  | -68.8                    | 0.53                       | 9.71                        | V                     |
|                          | 2532                 | -60.49         | -13              | -47.49                  | -73.93                  | -68.5                    | 0.66                       | 10.82                       | V                     |
|                          | 3376                 | -59.19         | -13              | -46.19                  | -75.04                  | -68.5                    | 0.77                       | 12.23                       | V                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 5 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Middle                    | 1672                 | -61.90         | -13              | -48.90                  | -71.88                  | -68.9                    | 0.53                       | 9.68                        | H                     |
|                           | 2495                 | -60.31         | -13              | -47.31                  | -73.64                  | -68.3                    | 0.65                       | 10.80                       | H                     |
|                           | 3326                 | -58.63         | -13              | -45.63                  | -74.68                  | -67.8                    | 0.76                       | 12.08                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1672                 | -62.40         | -13              | -49.40                  | -71.83                  | -69.4                    | 0.53                       | 9.68                        | V                     |
|                           | 2495                 | -60.11         | -13              | -47.11                  | -74                     | -68.1                    | 0.65                       | 10.80                       | V                     |
|                           | 3326                 | -58.83         | -13              | -45.83                  | -74.72                  | -68                      | 0.76                       | 12.08                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |

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



## **LTE Band 7**

| LTE Band 7 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                  | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                   | 5064                 | -53.52          | -25              | -28.52                  | -74.09                  | -64.89                   | 0.95                       | 12.33                       | H                     |
|                          | 10134                | -42.07          | -25              | -17.07                  | -73.07                  | -52.54                   | 1.38                       | 11.85                       | H                     |
|                          | 15192                | -39.59          | -25              | -14.59                  | -74.07                  | -52.42                   | 1.73                       | 14.57                       | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          | 5064                 | -53.88          | -25              | -28.88                  | -74.62                  | -65.25                   | 0.95                       | 12.33                       | V                     |
|                          | 10134                | -41.05          | -25              | -16.05                  | -71.77                  | -51.52                   | 1.38                       | 11.85                       | V                     |
|                          | 15192                | -37.92          | -25              | -12.92                  | -72.02                  | -50.75                   | 1.73                       | 14.57                       | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 7 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                    | 5064                 | -53.35          | -25              | -28.35                  | -73.96                  | -64.72                   | 0.95                       | 12.33                       | H                     |
|                           | 10116                | -42.35          | -25              | -17.35                  | -73.36                  | -52.85                   | 1.38                       | 11.88                       | H                     |
|                           | 15192                | -39.45          | -25              | -14.45                  | -73.93                  | -52.28                   | 1.73                       | 14.57                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5064                 | -54.18          | -25              | -29.18                  | -74.92                  | -65.55                   | 0.95                       | 12.33                       | V                     |
|                           | 10116                | -40.01          | -25              | -15.01                  | -70.73                  | -50.51                   | 1.38                       | 11.88                       | V                     |
|                           | 15192                | -37.72          | -25              | -12.72                  | -71.88                  | -50.55                   | 1.73                       | 14.57                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 7 / 15MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                    | 5058                 | -53.06          | -25              | -28.06                  | -73.65                  | -64.42                   | 0.95                       | 12.32                       | H                     |
|                           | 10116                | -41.96          | -25              | -16.96                  | -72.97                  | -52.46                   | 1.38                       | 11.88                       | H                     |
|                           | 15174                | -38.64          | -25              | -13.64                  | -73.06                  | -51.36                   | 1.73                       | 14.45                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5058                 | -53.50          | -25              | -28.50                  | -74.24                  | -64.86                   | 0.95                       | 12.32                       | V                     |
|                           | 10116                | -40.29          | -25              | -15.29                  | -71.01                  | -50.79                   | 1.38                       | 11.88                       | V                     |
|                           | 15174                | -38.73          | -25              | -13.73                  | -72.78                  | -51.45                   | 1.73                       | 14.45                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 7 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                    | 5004                 | -53.28          | -25              | -28.28                  | -73.76                  | -64.55                   | 0.94                       | 12.21                       | H                     |
|                           | 10008                | -40.81          | -25              | -15.81                  | -71.86                  | -51.53                   | 1.37                       | 12.08                       | H                     |
|                           | 15012                | -40.01          | -25              | -15.01                  | -73.86                  | -51.67                   | 1.72                       | 13.38                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5004                 | -53.76          | -25              | -28.76                  | -74.43                  | -65.03                   | 0.94                       | 12.21                       | V                     |
|                           | 10008                | -40.79          | -25              | -15.79                  | -71.51                  | -51.51                   | 1.37                       | 12.08                       | V                     |
|                           | 15012                | -39.05          | -25              | -14.05                  | -72.62                  | -50.71                   | 1.72                       | 13.38                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



## **LTE Band 38**

| LTE Band 38 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                    | 5142                 | -53.99          | -25              | -28.99                  | -74.69                  | -65.5                    | 0.97                       | 12.48                       | H                     |
|                           | 7716                 | -50.46          | -25              | -25.46                  | -75.81                  | -60.28                   | 1.19                       | 11.00                       | H                     |
|                           | 10278                | -42.00          | -25              | -17.00                  | -72.94                  | -52.18                   | 1.39                       | 11.57                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5142                 | -53.71          | -25              | -28.71                  | -74.58                  | -65.22                   | 0.97                       | 12.48                       | V                     |
|                           | 7716                 | -50.72          | -25              | -25.72                  | -75.97                  | -60.54                   | 1.19                       | 11.00                       | V                     |
|                           | 10278                | -42.38          | -25              | -17.38                  | -73.1                   | -52.56                   | 1.39                       | 11.57                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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





| LTE Band 38 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                    | 5220                 | -51.47          | -25              | -26.47                  | -72.34                  | -63.11                   | 1.00                       | 12.64                       | H                     |
|                            | 7830                 | -49.95          | -25              | -24.95                  | -75.67                  | -60.08                   | 1.19                       | 11.32                       | H                     |
|                            | 10440                | -44.03          | -25              | -19.03                  | -74.91                  | -53.88                   | 1.41                       | 11.26                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5220                 | -51.56          | -25              | -26.56                  | -72.59                  | -63.2                    | 1.00                       | 12.64                       | V                     |
|                            | 7830                 | -49.80          | -25              | -24.80                  | -75.55                  | -59.93                   | 1.19                       | 11.32                       | V                     |
|                            | 10440                | -43.00          | -25              | -18.00                  | -73.73                  | -52.85                   | 1.41                       | 11.26                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 38 / 15MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                    | 5214                 | -54.65          | -25              | -29.65                  | -75.47                  | -66.28                   | 1.00                       | 12.63                       | H                     |
|                            | 7824                 | -50.72          | -25              | -25.72                  | -76.44                  | -60.84                   | 1.19                       | 11.31                       | H                     |
|                            | 10422                | -44.46          | -25              | -19.46                  | -75.35                  | -54.35                   | 1.41                       | 11.30                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5214                 | -53.87          | -25              | -28.87                  | -74.85                  | -65.5                    | 1.00                       | 12.63                       | V                     |
|                            | 7824                 | -50.12          | -25              | -25.12                  | -75.87                  | -60.24                   | 1.19                       | 11.31                       | V                     |
|                            | 10422                | -43.13          | -25              | -18.13                  | -73.87                  | -53.02                   | 1.41                       | 11.30                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 38 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                     | 5142                 | -53.50          | -25              | -28.50                  | -74.2                   | -65.01                   | 0.97                       | 12.48                       | H                     |
|                            | 7716                 | -50.60          | -25              | -25.60                  | -75.95                  | -60.42                   | 1.19                       | 11.00                       | H                     |
|                            | 10278                | -42.28          | -25              | -17.28                  | -73.22                  | -52.46                   | 1.39                       | 11.57                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5142                 | -53.97          | -25              | -28.97                  | -74.84                  | -65.48                   | 0.97                       | 12.48                       | V                     |
|                            | 7716                 | -50.12          | -25              | -25.12                  | -75.37                  | -59.94                   | 1.19                       | 11.00                       | V                     |
|                            | 10278                | -42.10          | -25              | -17.10                  | -72.82                  | -52.28                   | 1.39                       | 11.57                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



## **LTE Band 41**

| LTE Band 41 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                   | 5298                 | -54.03          | -25              | -29.03                  | -75.1                   | -65.8                    | 1.03                       | 12.80                       | H                     |
|                           | 7950                 | -48.13          | -25              | -23.13                  | -74.73                  | -58.6                    | 1.19                       | 11.66                       | H                     |
|                           | 10602                | -43.44          | -25              | -18.44                  | -74.2                   | -52.97                   | 1.42                       | 10.96                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5298                 | -53.57          | -25              | -28.57                  | -74.87                  | -65.34                   | 1.03                       | 12.80                       | V                     |
|                           | 7950                 | -47.84          | -25              | -22.84                  | -74.56                  | -58.31                   | 1.19                       | 11.66                       | V                     |
|                           | 10602                | -42.51          | -25              | -17.51                  | -73.14                  | -52.04                   | 1.42                       | 10.96                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 41 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                    | 5292                 | -53.57          | -25              | -28.57                  | -74.69                  | -65.33                   | 1.03                       | 12.78                       | H                     |
|                            | 7938                 | -49.14          | -25              | -24.14                  | -75.61                  | -59.57                   | 1.19                       | 11.63                       | H                     |
|                            | 10584                | -42.86          | -25              | -17.86                  | -73.68                  | -52.43                   | 1.42                       | 10.99                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5292                 | -51.80          | -25              | -26.80                  | -73                     | -63.56                   | 1.03                       | 12.78                       | V                     |
|                            | 7938                 | -48.18          | -25              | -23.18                  | -74.74                  | -58.61                   | 1.19                       | 11.63                       | V                     |
|                            | 10584                | -42.65          | -25              | -17.65                  | -73.33                  | -52.22                   | 1.42                       | 10.99                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 41 / 15MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                    | 5280                 | -53.10          | -25              | -28.10                  | -74.12                  | -64.84                   | 1.02                       | 12.76                       | H                     |
|                            | 7920                 | -49.38          | -25              | -24.38                  | -75.74                  | -59.76                   | 1.19                       | 11.58                       | H                     |
|                            | 10566                | -43.96          | -25              | -18.96                  | -74.77                  | -53.56                   | 1.42                       | 11.02                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5280                 | -50.82          | -25              | -25.82                  | -71.98                  | -62.56                   | 1.02                       | 12.76                       | V                     |
|                            | 7920                 | -48.81          | -25              | -23.81                  | -75.25                  | -59.19                   | 1.19                       | 11.58                       | V                     |
|                            | 10566                | -41.50          | -25              | -16.50                  | -72.19                  | -51.1                    | 1.42                       | 11.02                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 41 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Highest                    | 5274                 | -50.91          | -25              | -25.91                  | -71.93                  | -62.64                   | 1.02                       | 12.75                       | H                     |
|                            | 7911                 | -49.19          | -25              | -24.19                  | -75.55                  | -59.55                   | 1.19                       | 11.55                       | H                     |
|                            | 10548                | -42.58          | -25              | -17.58                  | -73.41                  | -52.22                   | 1.42                       | 11.06                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5274                 | -49.08          | -25              | -24.08                  | -70.25                  | -60.81                   | 1.02                       | 12.75                       | V                     |
|                            | 7911                 | -49.11          | -25              | -24.11                  | -75.55                  | -59.47                   | 1.19                       | 11.55                       | V                     |
|                            | 10548                | -41.07          | -25              | -16.07                  | -71.78                  | -50.71                   | 1.42                       | 11.06                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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