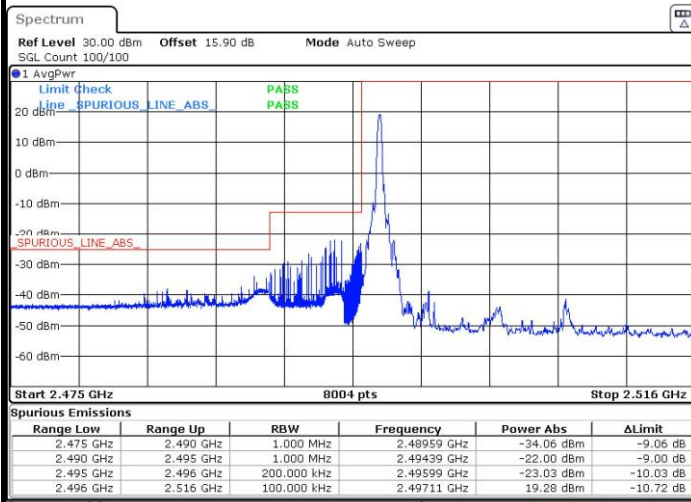


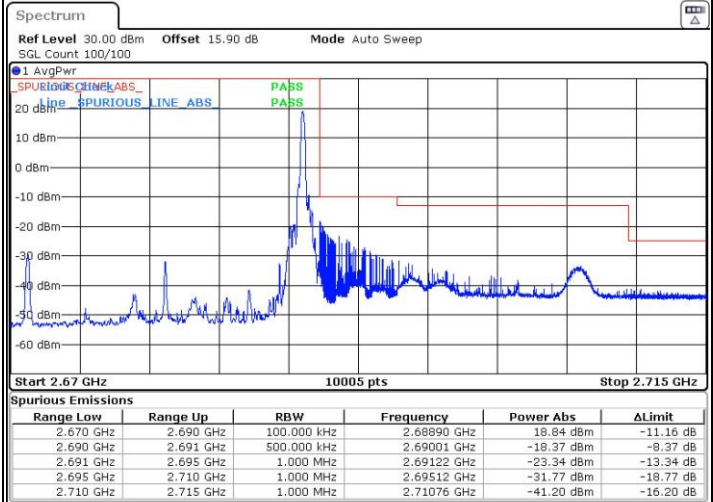


## LTE Band 41 / 20MHz / QPSK

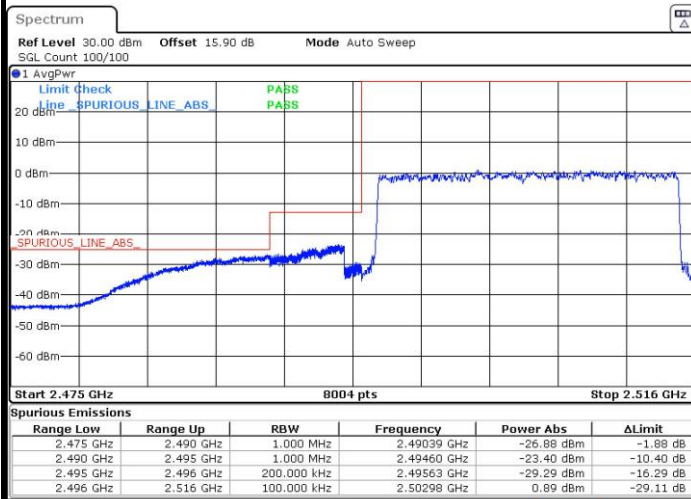
## Lowest Band Edge / 1 RB



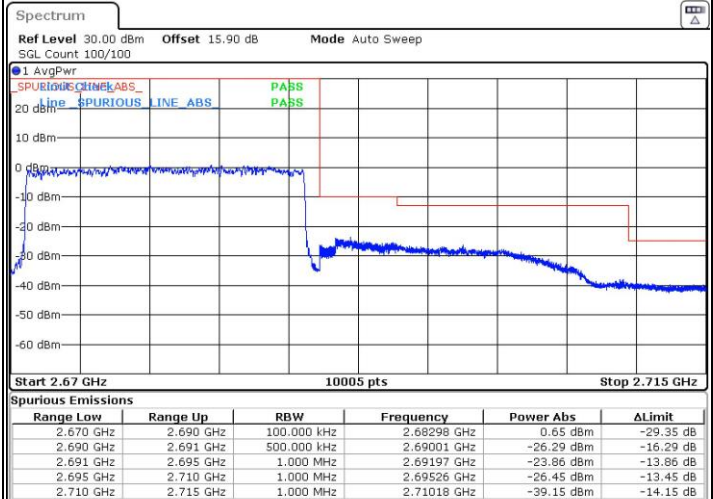
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



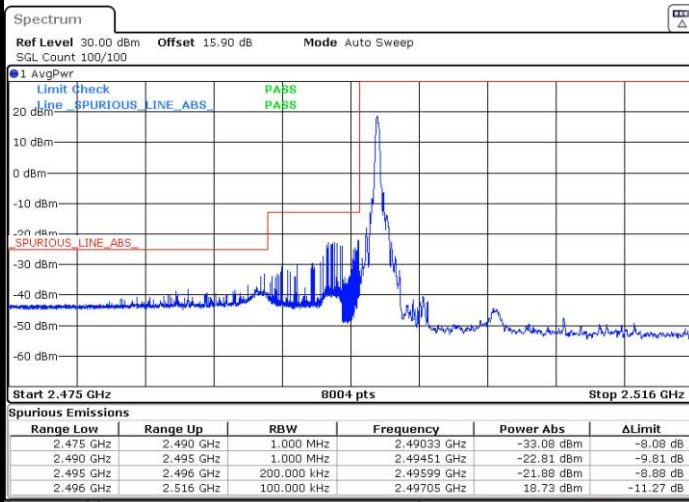
## Highest Band Edge / Full RB



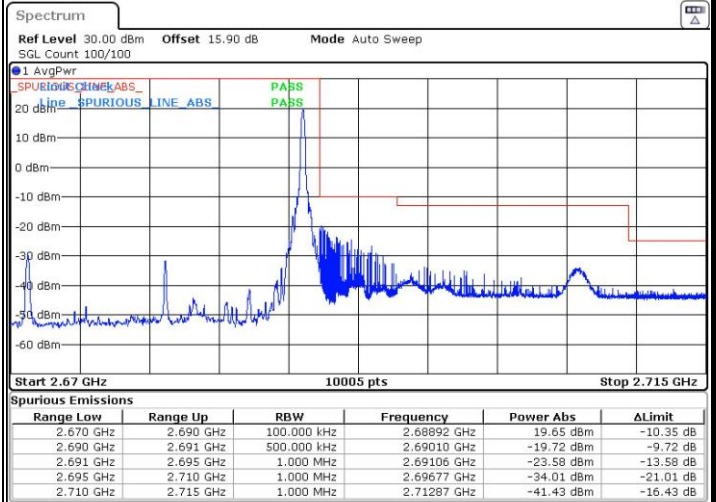


## LTE Band 41 / 20MHz / 16QAM

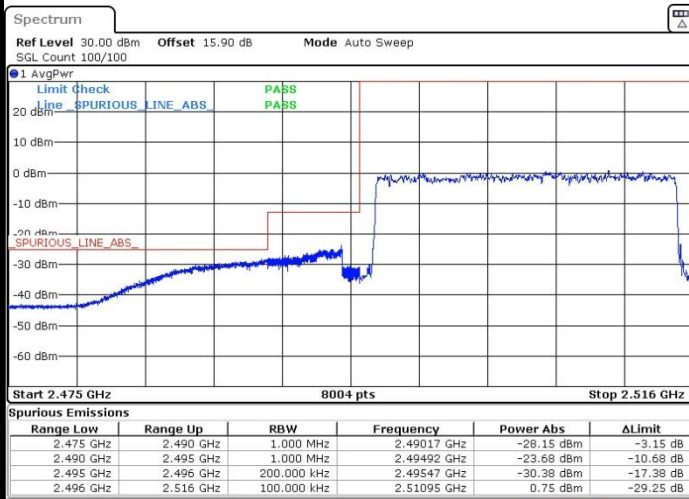
## Lowest Band Edge / 1 RB



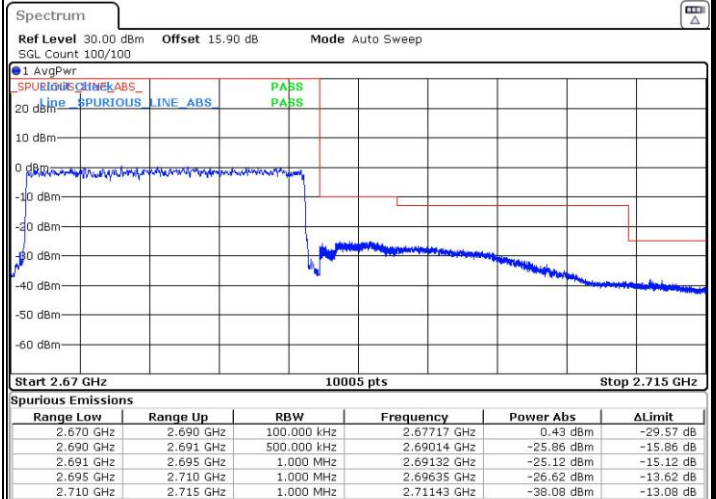
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



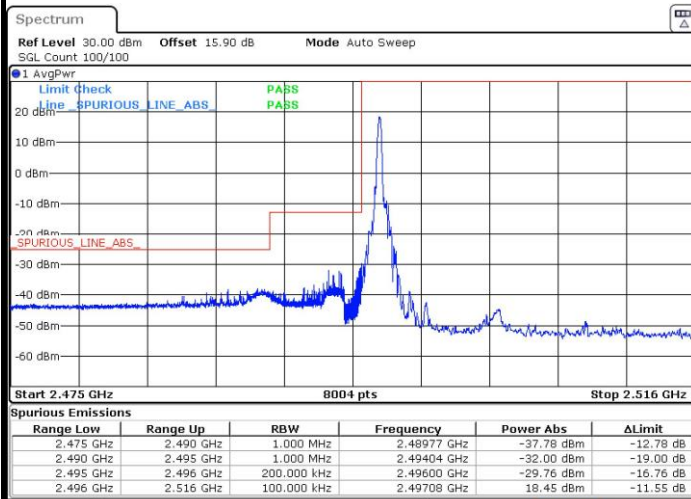
## Highest Band Edge / Full RB



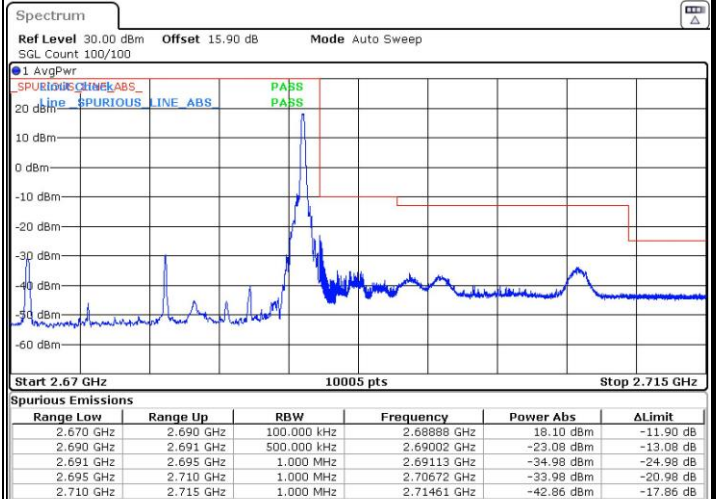


## LTE Band 41 / 20MHz / 64QAM

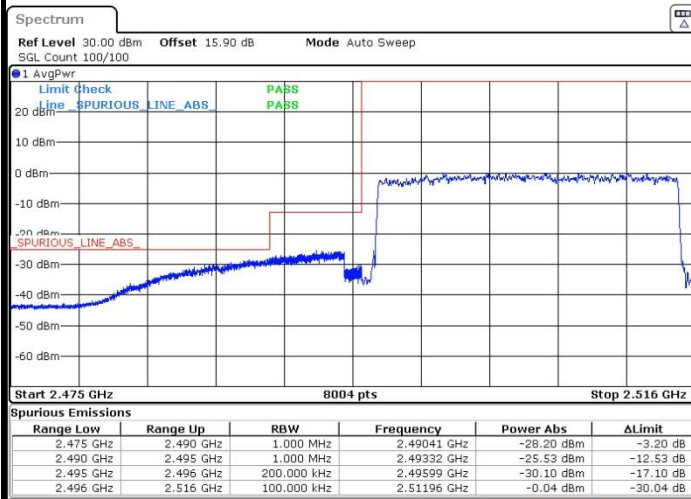
## Lowest Band Edge / 1 RB



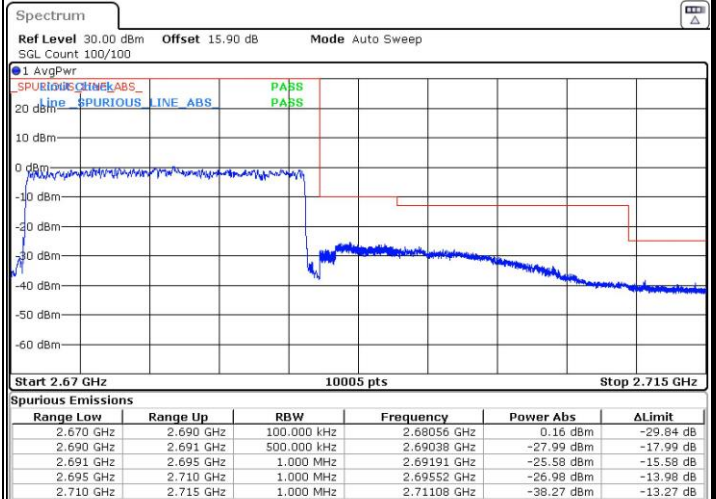
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

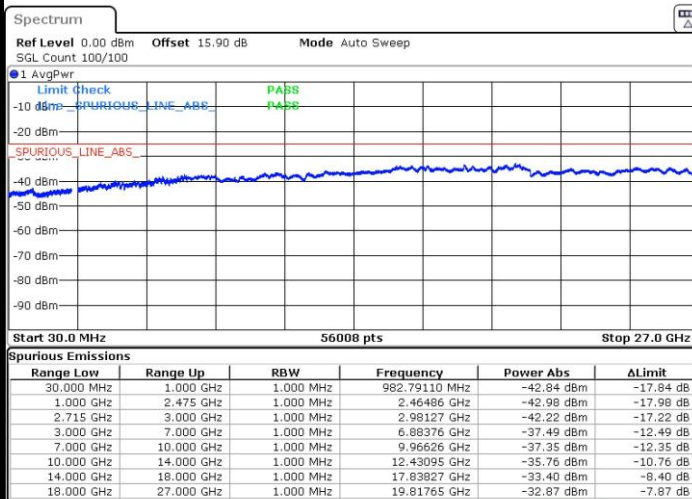




# Conducted Spurious Emission

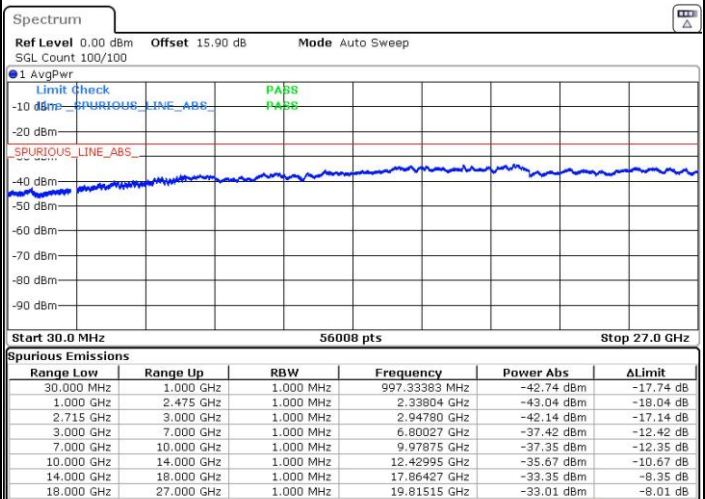
## LTE Band 41 / 5MHz

### Lowest Channel / QPSK



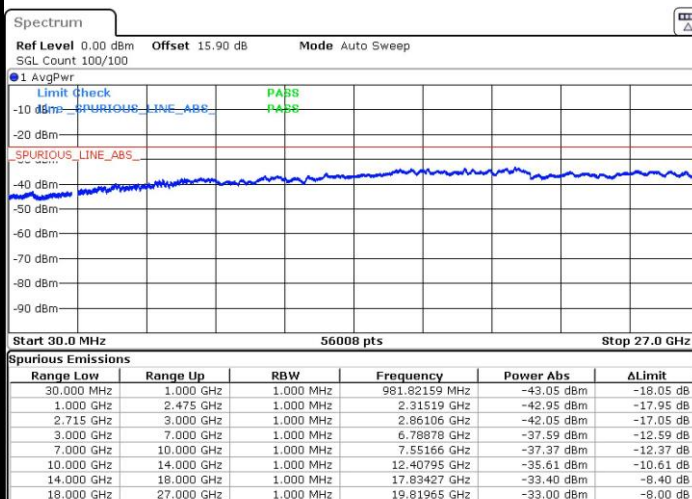
Date: 28 JUN 2019 13:41:45

### Lowest Channel / 16QAM



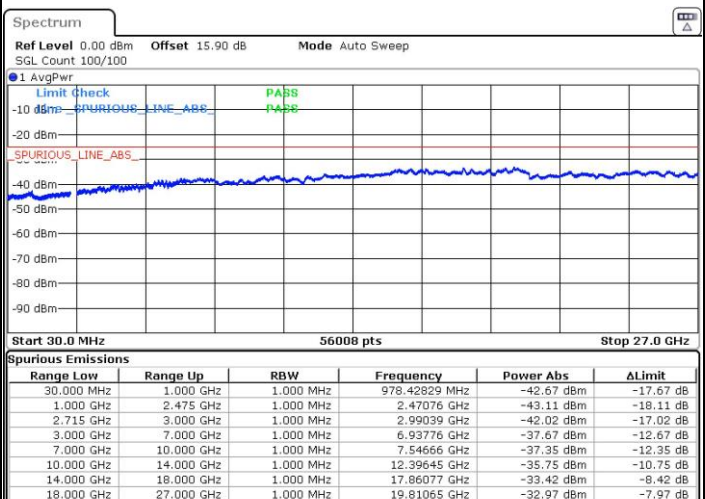
Date: 28 JUN 2019 13:42:32

### Middle Channel / QPSK



Date: 28 JUN 2019 13:43:18

### Middle Channel / 16QAM



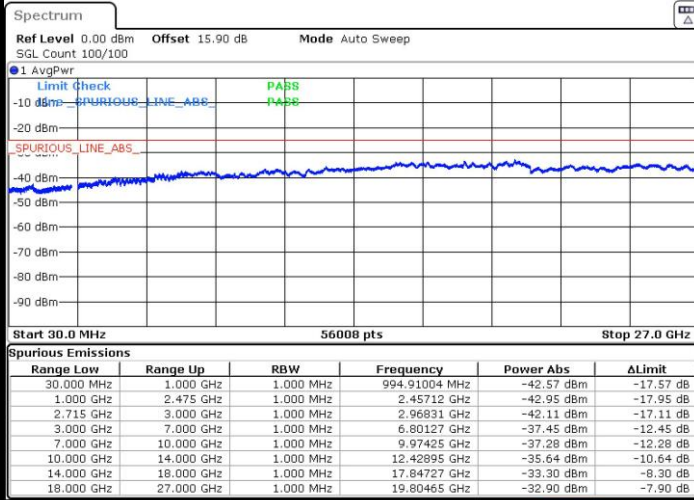
Date: 28 JUN 2019 13:44:04





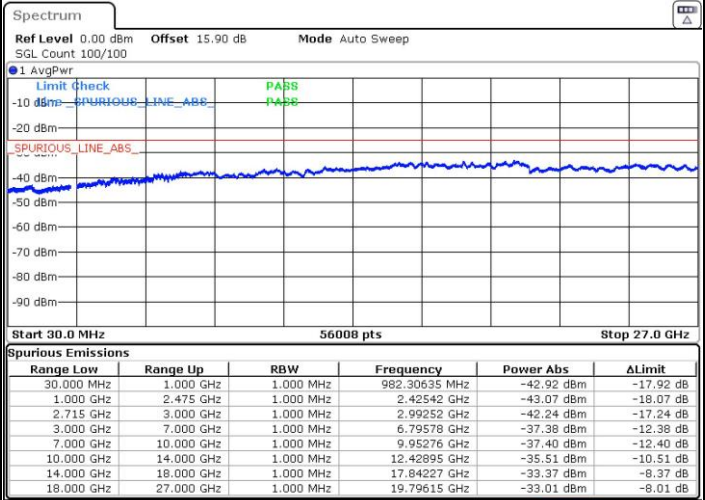
## LTE Band 41 / 5MHz

## Highest Channel / QPSK



Date: 28 JUN 2019 13:44:51

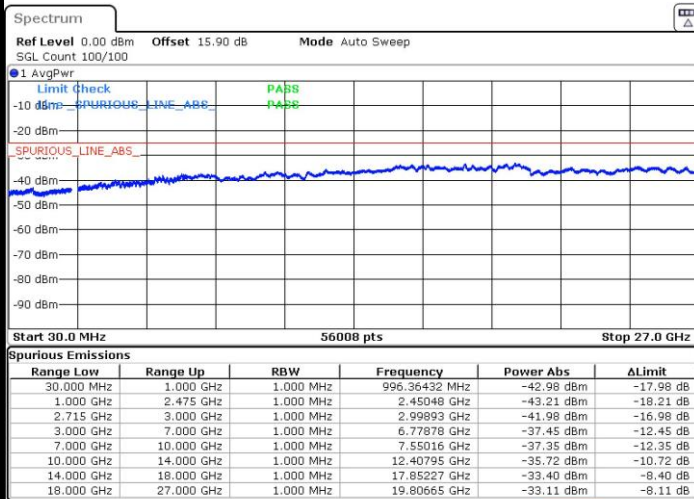
## Highest Channel / 16QAM



Date: 28 JUN 2019 13:45:37

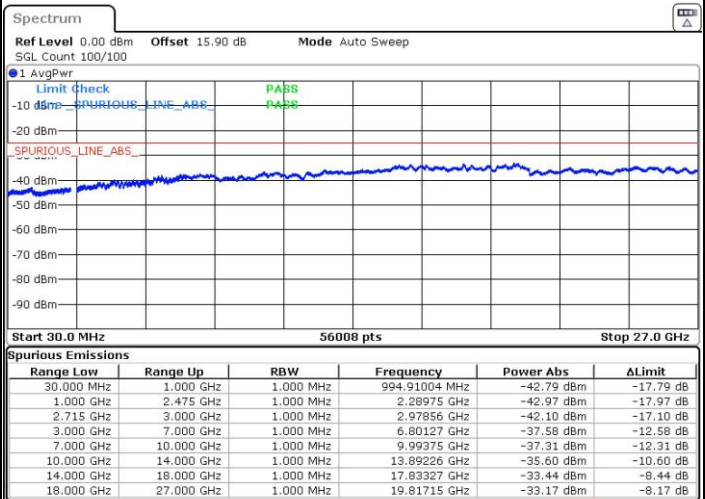
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



Date: 28 JUN 2019 13:46:25

## Lowest Channel / 16QAM

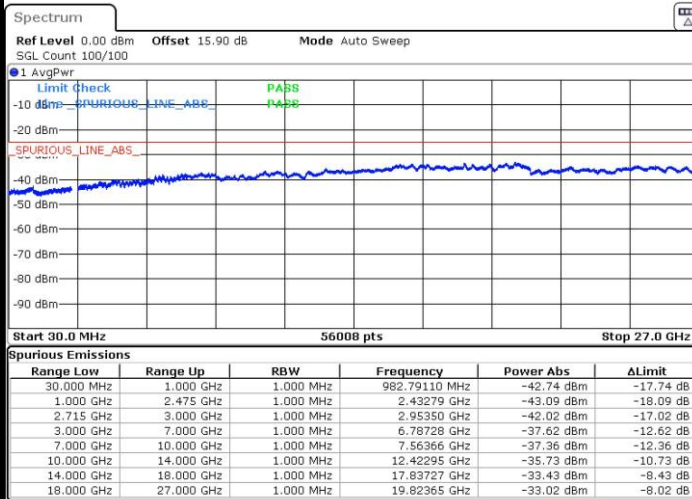


Date: 28 JUN 2019 13:47:12



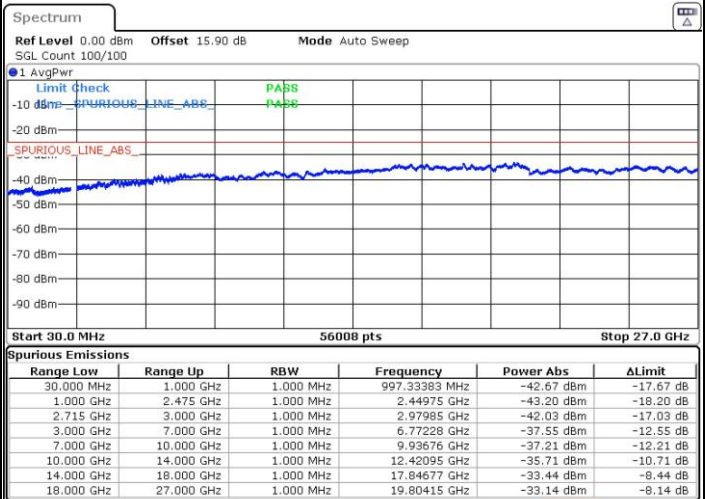
## LTE Band 41 / 10MHz

## Middle Channel / QPSK



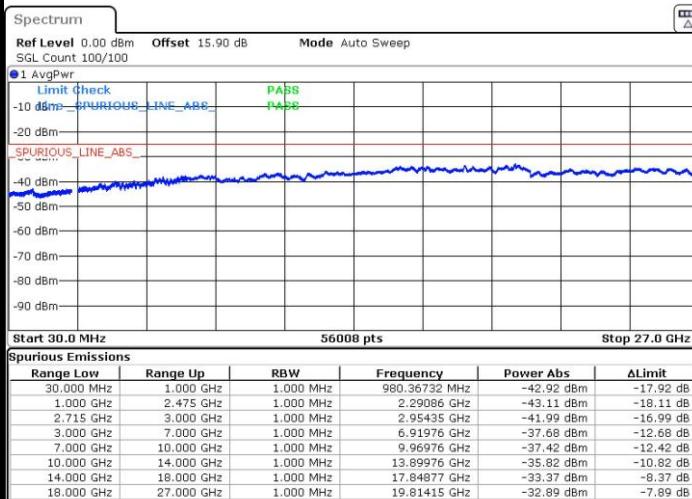
Date: 28 JUN 2019 13:47:58

## Middle Channel / 16QAM



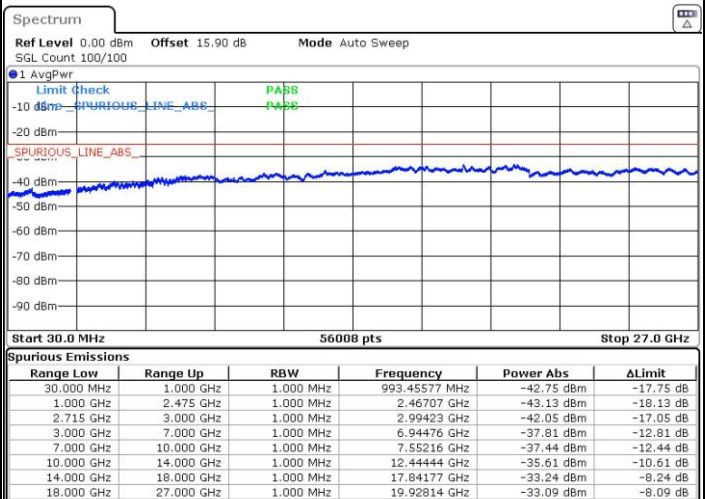
Date: 28 JUN 2019 13:48:44

## Highest Channel / QPSK



Date: 28 JUN 2019 13:49:30

## Highest Channel / 16QAM

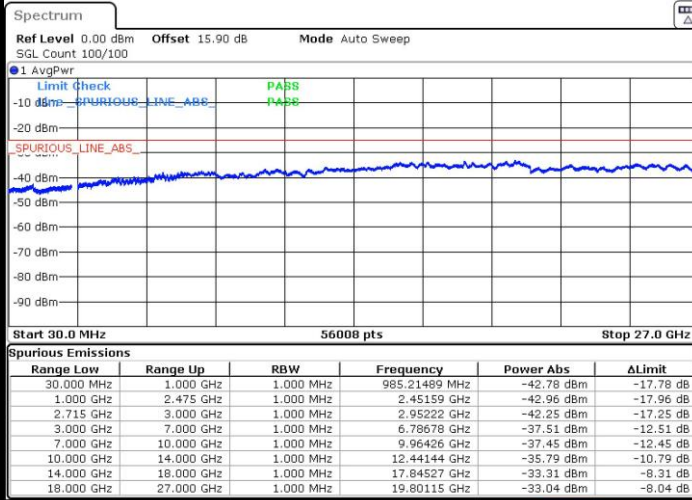


Date: 28 JUN 2019 13:50:16



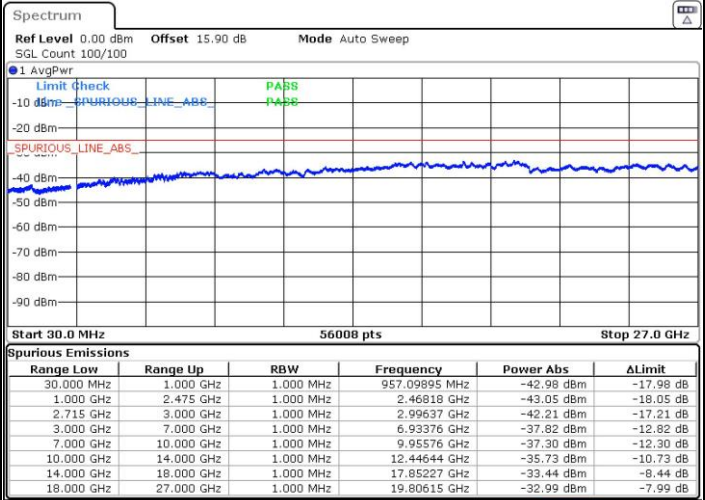
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



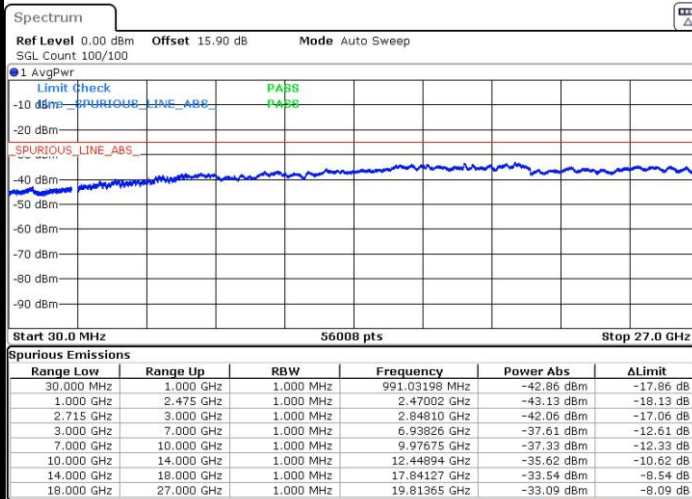
Date: 28 JUN 2019 13:51:04

## Lowest Channel / 16QAM



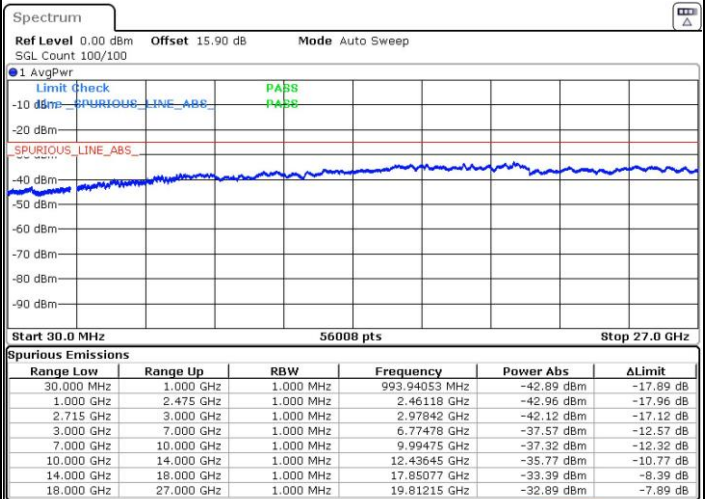
Date: 28 JUN 2019 13:51:51

## Middle Channel / QPSK



Date: 28 JUN 2019 13:52:37

## Middle Channel / 16QAM

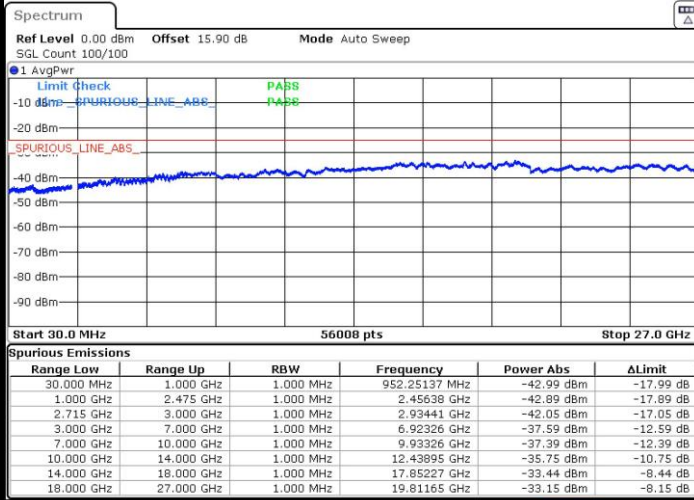


Date: 28 JUN 2019 13:53:23



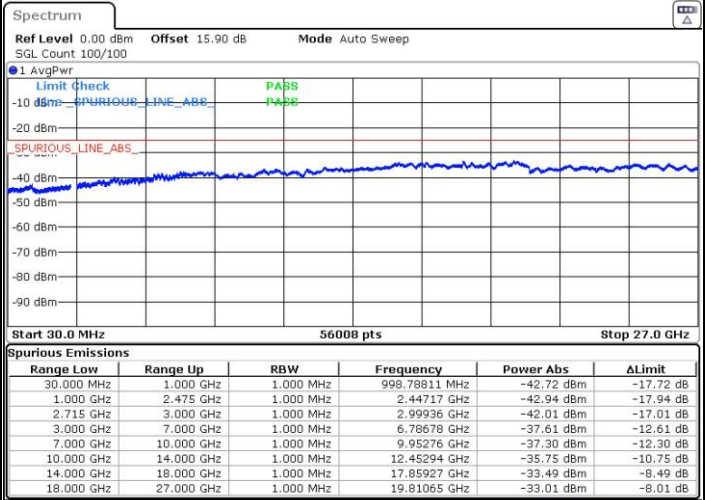
## LTE Band 41 / 15MHz

## Highest Channel / QPSK



Date: 28 JUN 2019 13:54:09

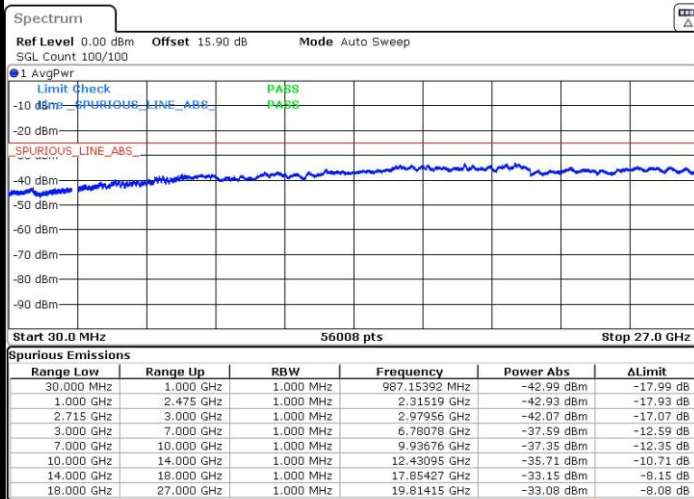
## Highest Channel / 16QAM



Date: 28 JUN 2019 13:54:56

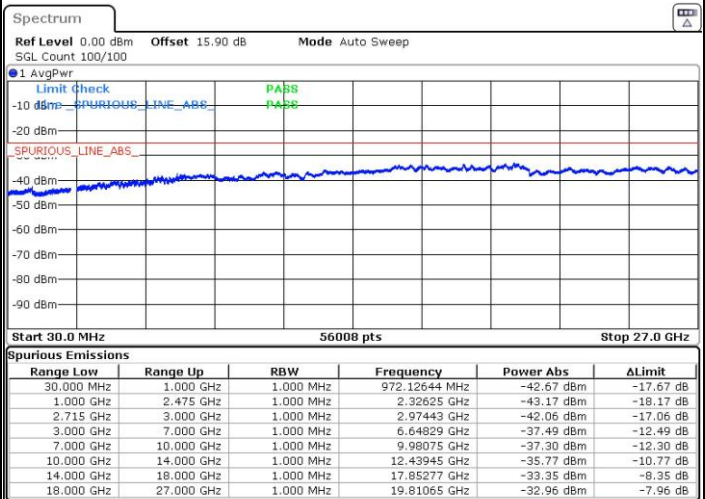
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



Date: 28 JUN 2019 13:55:44

## Lowest Channel / 16QAM



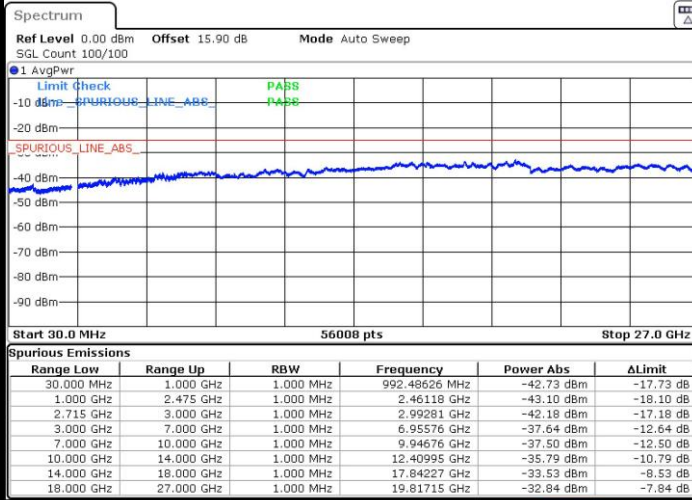
Date: 28 JUN 2019 13:56:30





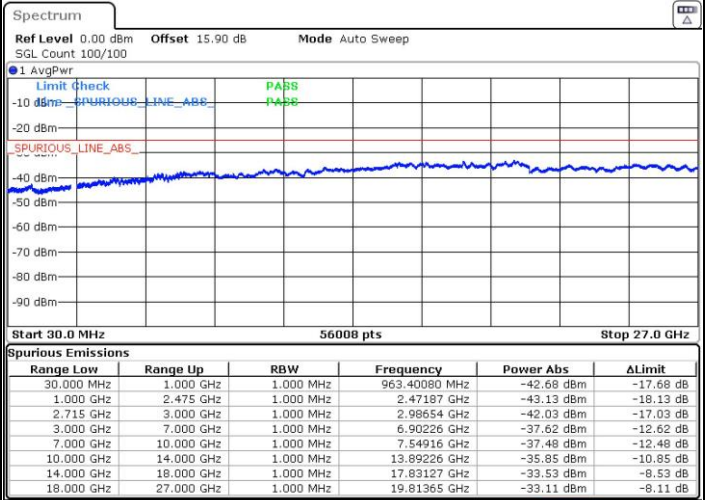
## LTE Band 41 / 20MHz

## Middle Channel / QPSK



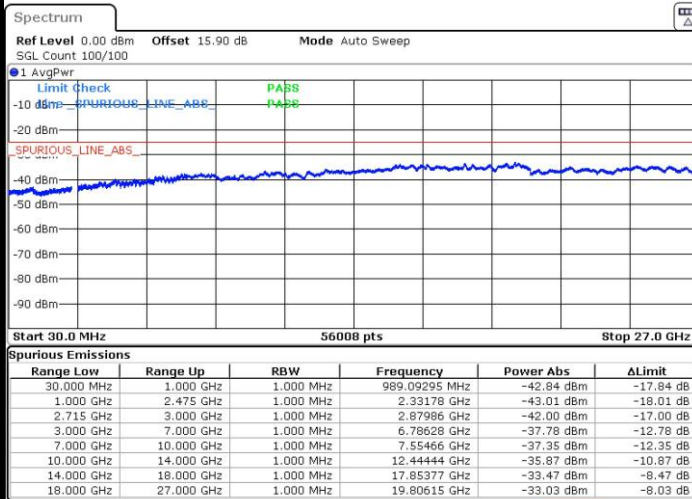
Date: 28 JUN 2019 13:57:16

## Middle Channel / 16QAM



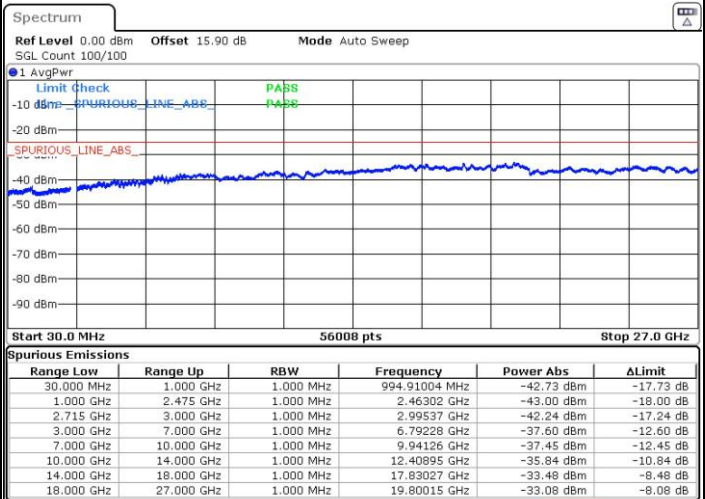
Date: 28 JUN 2019 13:58:02

## Highest Channel / QPSK



Date: 28 JUN 2019 13:58:48

## Highest Channel / 16QAM

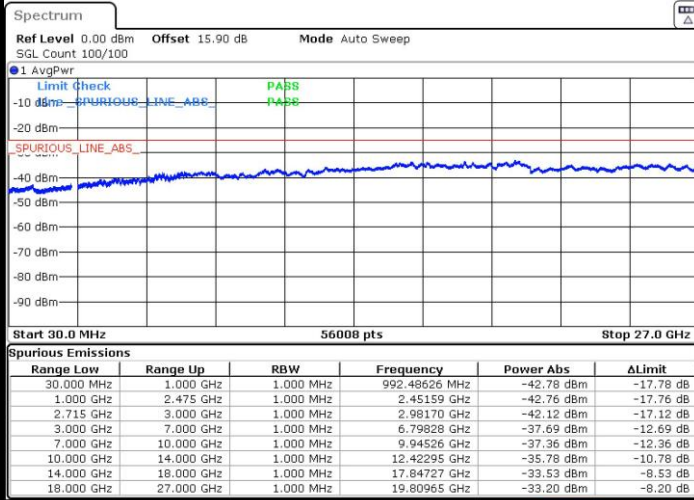


Date: 28 JUN 2019 13:59:35



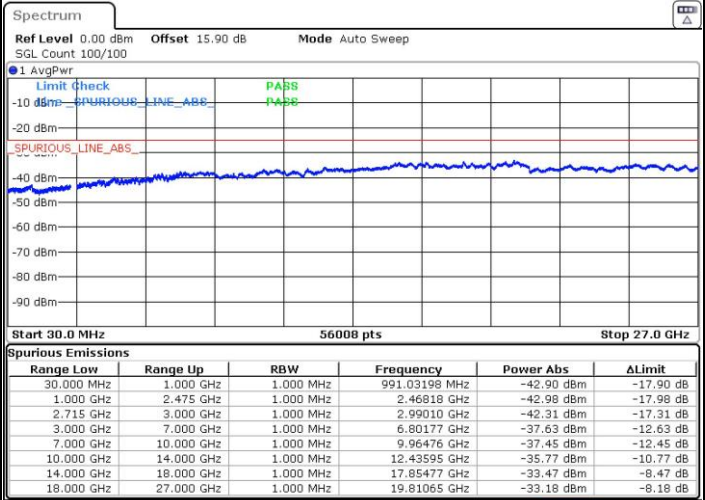
## LTE Band 41 / 5MHz

## Lowest Channel / 64QAM



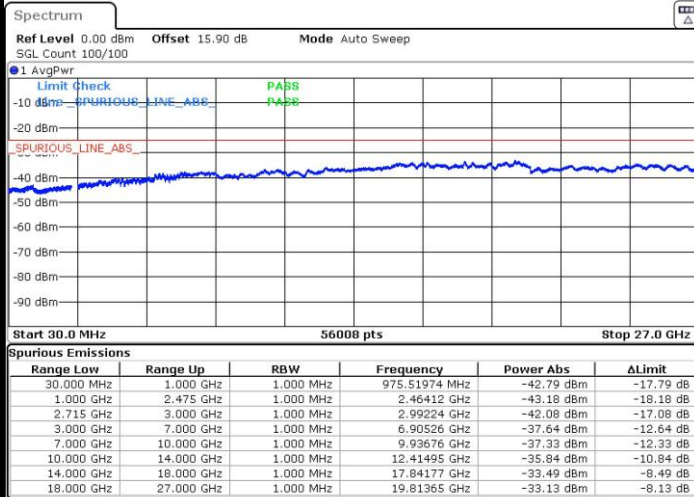
Date: 28 JUN 2019 11:29:19

## Middle Channel / 64QAM



Date: 28 JUN 2019 11:30:05

## Highest Channel / 64QAM

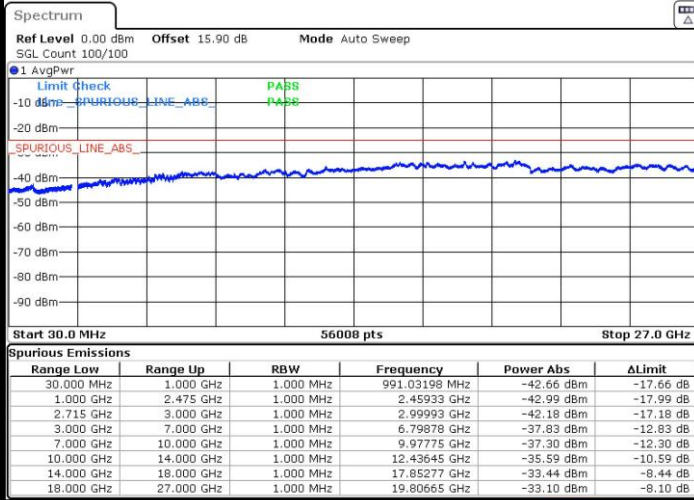


Date: 28 JUN 2019 11:30:51



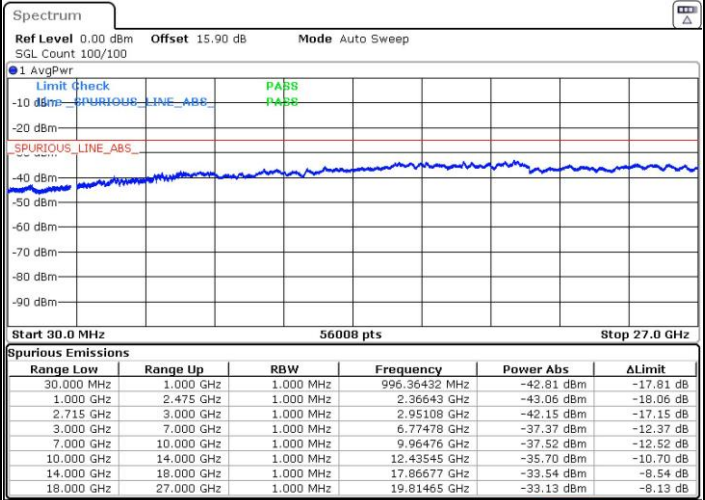
## LTE Band 41 / 10MHz

## Lowest Channel / 64QAM



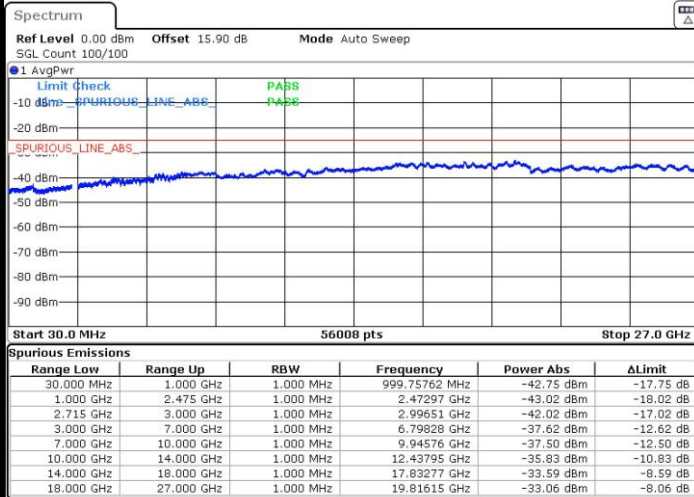
Date: 28 JUN 2019 11:31:39

## Middle Channel / 64QAM



Date: 28 JUN 2019 11:32:25

## Highest Channel / 64QAM

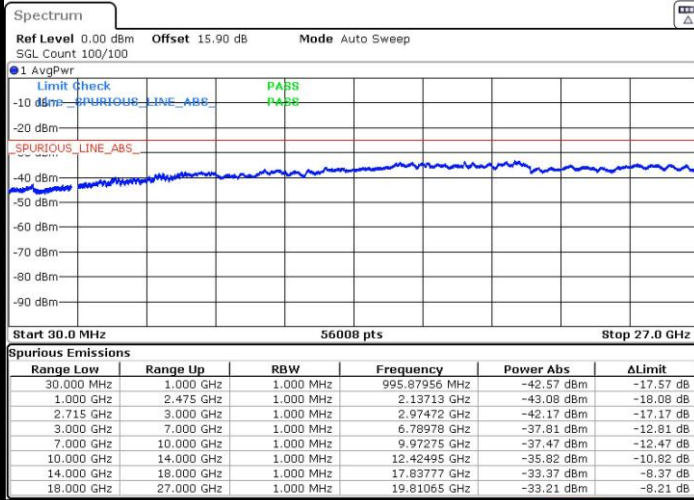


Date: 28 JUN 2019 11:33:11



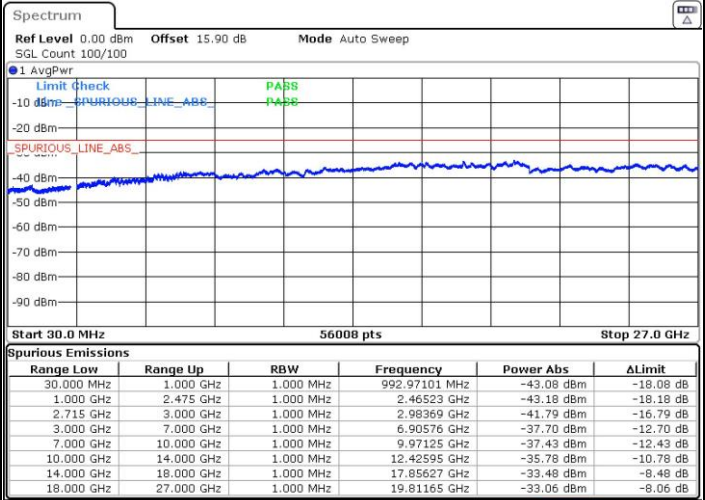
## LTE Band 41 / 15MHz

## Lowest Channel / 64QAM



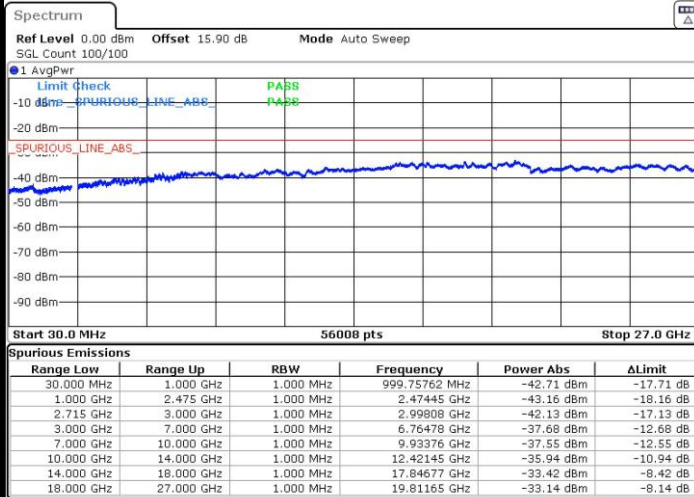
Date: 28 JUN 2019 11:33:59

## Middle Channel / 64QAM



Date: 28 JUN 2019 11:34:45

## Highest Channel / 64QAM

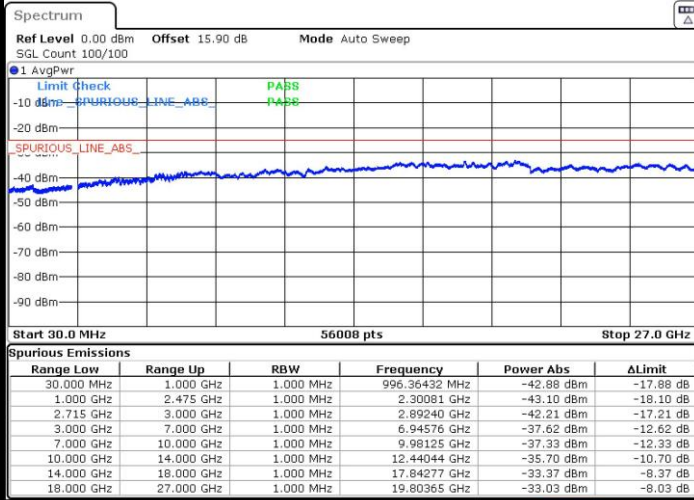


Date: 28 JUN 2019 11:35:31



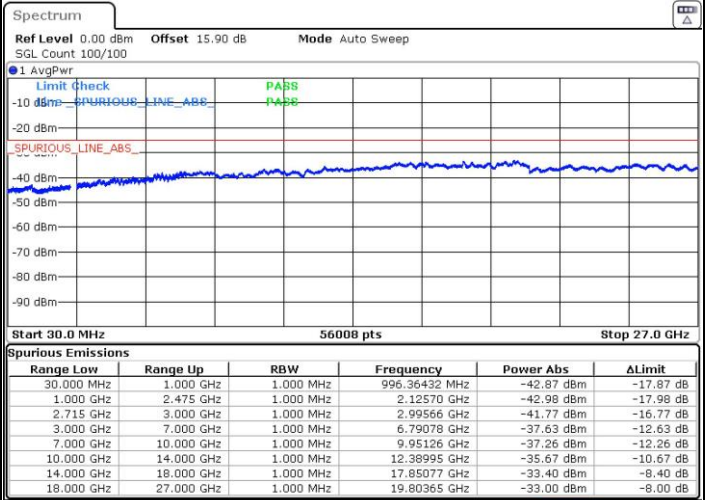
## LTE Band 41 / 20MHz

## Lowest Channel / 64QAM



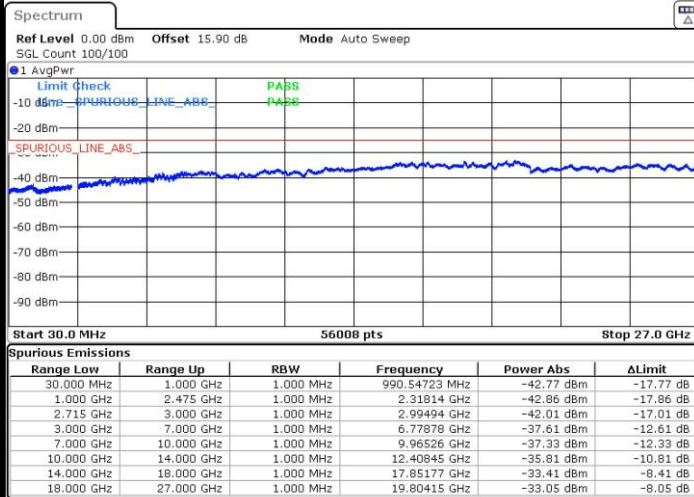
Date: 28 JUN 2019 13:39:25

## Middle Channel / 64QAM



Date: 28 JUN 2019 13:40:11

## Highest Channel / 64QAM



Date: 28 JUN 2019 13:40:57



## 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    | 0.0008                              | PASS    |
| 40               | Normal Voltage    | 0.0047                              |         |
| 30               | Normal Voltage    | 0.0003                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0013                              |         |
| 0                | Normal Voltage    | 0.0069                              |         |
| -10              | Normal Voltage    | 0.0011                              |         |
| -20              | Normal Voltage    | 0.0002                              |         |
| -30              | Normal Voltage    | 0.0008                              |         |
| 20               | Maximum Voltage   | 0.0004                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0045                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.25 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 4 / 1.4MHz (Average) (GT - LC = -1.2 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 1    | 3      | 17.97       | 0.0627        | 16.77     | 0.0475  |
| Middle                                            |           | 1    | 3      | 17.79       | 0.0601        | 16.59     | 0.0456  |
| Highest                                           |           | 1    | 3      | 17.84       | 0.0608        | 16.64     | 0.0461  |
| Lowest                                            | 16QAM     | 1    | 0      | 17.88       | 0.0614        | 16.68     | 0.0466  |
| Middle                                            |           | 1    | 0      | 17.44       | 0.0555        | 16.24     | 0.0421  |
| Highest                                           |           | 1    | 0      | 17.38       | 0.0547        | 16.18     | 0.0415  |
| Lowest                                            | 64QAM     | 1    | 0      | 17.80       | 0.0603        | 16.60     | 0.0457  |
| Middle                                            |           | 1    | 0      | 17.49       | 0.0561        | 16.29     | 0.0426  |
| Highest                                           |           | 1    | 0      | 17.51       | 0.0564        | 16.31     | 0.0428  |
| Limit                                             | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 3MHz (Average) (GT - LC = -1.2 dB) |           |      |        |             |               |           |         |
|-------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                         | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                 |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                          | QPSK      | 1    | 8      | 18.14       | 0.0652        | 16.94     | 0.0494  |
| Middle                                          |           | 1    | 8      | 17.80       | 0.0603        | 16.60     | 0.0457  |
| Highest                                         |           | 1    | 8      | 17.88       | 0.0614        | 16.68     | 0.0466  |
| Lowest                                          | 16QAM     | 1    | 14     | 17.77       | 0.0598        | 16.57     | 0.0454  |
| Middle                                          |           | 1    | 14     | 17.05       | 0.0507        | 15.85     | 0.0385  |
| Highest                                         |           | 1    | 14     | 17.70       | 0.0589        | 16.50     | 0.0447  |
| Lowest                                          | 64QAM     | 1    | 8      | 17.80       | 0.0603        | 16.60     | 0.0457  |
| Middle                                          |           | 1    | 8      | 17.45       | 0.0556        | 16.25     | 0.0422  |
| Highest                                         |           | 1    | 8      | 17.79       | 0.0601        | 16.59     | 0.0456  |
| Limit                                           | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 5MHz (Average) (GT - LC = -1.2 dB) |           |      |        |             |               |           |         |
|-------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                         | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                 |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                          | QPSK      | 12   | 0      | 18.07       | 0.0641        | 16.87     | 0.0486  |
| Middle                                          |           | 12   | 0      | 17.73       | 0.0593        | 16.53     | 0.0450  |
| Highest                                         |           | 12   | 0      | 17.75       | 0.0596        | 16.55     | 0.0452  |
| Lowest                                          | 16QAM     | 12   | 0      | 17.65       | 0.0582        | 16.45     | 0.0442  |
| Middle                                          |           | 12   | 0      | 17.30       | 0.0537        | 16.10     | 0.0407  |
| Highest                                         |           | 12   | 0      | 17.31       | 0.0538        | 16.11     | 0.0408  |
| Lowest                                          | 64QAM     | 1    | 0      | 17.83       | 0.0607        | 16.63     | 0.0460  |
| Middle                                          |           | 1    | 0      | 17.54       | 0.0568        | 16.34     | 0.0431  |
| Highest                                         |           | 1    | 0      | 17.34       | 0.0542        | 16.14     | 0.0411  |
| Limit                                           | EIRP < 1W |      |        | Result      |               | PASS      |         |



| LTE Band 4 / 10MHz (Average) (GT - LC = -1.2 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 50   | 0      | 18.07       | 0.0641        | 16.87     | 0.0486  |
| Middle                                           |           | 50   | 0      | 17.83       | 0.0607        | 16.63     | 0.0460  |
| Highest                                          |           | 50   | 0      | 17.85       | 0.0610        | 16.65     | 0.0462  |
| Lowest                                           | 16QAM     | 1    | 0      | 17.69       | 0.0587        | 16.49     | 0.0446  |
| Middle                                           |           | 1    | 0      | 17.70       | 0.0589        | 16.50     | 0.0447  |
| Highest                                          |           | 1    | 0      | 17.97       | 0.0627        | 16.77     | 0.0475  |
| Lowest                                           | 64QAM     | 1    | 49     | 17.69       | 0.0587        | 16.49     | 0.0446  |
| Middle                                           |           | 1    | 49     | 17.49       | 0.0561        | 16.29     | 0.0426  |
| Highest                                          |           | 1    | 49     | 17.48       | 0.0560        | 16.28     | 0.0425  |
| Limit                                            | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 15MHz (Average) (GT - LC = -1.2 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 36   | 20     | 18.20       | 0.0661        | 17.00     | 0.0501  |
| Middle                                           |           | 36   | 20     | 17.99       | 0.0630        | 16.79     | 0.0478  |
| Highest                                          |           | 36   | 20     | 17.93       | 0.0621        | 16.73     | 0.0471  |
| Lowest                                           | 16QAM     | 1    | 37     | 17.87       | 0.0612        | 16.67     | 0.0465  |
| Middle                                           |           | 1    | 37     | 17.62       | 0.0578        | 16.42     | 0.0439  |
| Highest                                          |           | 1    | 37     | 17.71       | 0.0590        | 16.51     | 0.0448  |
| Lowest                                           | 64QAM     | 1    | 0      | 17.47       | 0.0558        | 16.27     | 0.0424  |
| Middle                                           |           | 1    | 0      | 17.78       | 0.0600        | 16.58     | 0.0455  |
| Highest                                          |           | 1    | 0      | 17.71       | 0.0590        | 16.51     | 0.0448  |
| Limit                                            | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 20MHz (Average) (GT - LC = -1.2 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 50   | 0      | 18.21       | 0.0662        | 17.01     | 0.0502  |
| Middle                                           |           | 50   | 0      | 17.93       | 0.0621        | 16.73     | 0.0471  |
| Highest                                          |           | 50   | 0      | 17.94       | 0.0622        | 16.74     | 0.0472  |
| Lowest                                           | 16QAM     | 1    | 0      | 18.02       | 0.0634        | 16.82     | 0.0481  |
| Middle                                           |           | 1    | 0      | 17.95       | 0.0624        | 16.75     | 0.0473  |
| Highest                                          |           | 1    | 0      | 17.77       | 0.0598        | 16.57     | 0.0454  |
| Lowest                                           | 64QAM     | 50   | 24     | 17.74       | 0.0594        | 16.54     | 0.0451  |
| Middle                                           |           | 50   | 24     | 17.46       | 0.0557        | 16.26     | 0.0423  |
| Highest                                          |           | 50   | 24     | 17.56       | 0.0570        | 16.36     | 0.0433  |
| Limit                                            | EIRP < 1W |      |        | Result      |               | PASS      |         |



| LTE Band 5 / 1.4MHz (Average) (GT - LC = -5.2 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | 1    | 3      | 23.54       | 0.2259        | 16.19    | 0.0416 |
| Middle                                            |          | 1    | 3      | 23.58       | 0.2280        | 16.23    | 0.0420 |
| Highest                                           |          | 1    | 3      | 23.55       | 0.2265        | 16.20    | 0.0417 |
| Lowest                                            | 16QAM    | 1    | 5      | 22.43       | 0.1750        | 15.08    | 0.0322 |
| Middle                                            |          | 1    | 5      | 22.09       | 0.1618        | 14.74    | 0.0298 |
| Highest                                           |          | 1    | 5      | 22.22       | 0.1667        | 14.87    | 0.0307 |
| Lowest                                            | 64QAM    | 1    | 3      | 21.27       | 0.1340        | 13.92    | 0.0247 |
| Middle                                            |          | 1    | 3      | 21.41       | 0.1384        | 14.06    | 0.0255 |
| Highest                                           |          | 1    | 3      | 21.03       | 0.1268        | 13.68    | 0.0233 |
| Limit                                             | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 5 / 3MHz (Average) (GT - LC = -5.2 dB) |          |      |        |             |               |          |        |
|-------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                         | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                 |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                          | QPSK     | 1    | 8      | 23.57       | 0.2275        | 16.22    | 0.0419 |
| Middle                                          |          | 1    | 8      | 23.66       | 0.2323        | 16.31    | 0.0428 |
| Highest                                         |          | 1    | 8      | 23.68       | 0.2333        | 16.33    | 0.0430 |
| Lowest                                          | 16QAM    | 1    | 14     | 22.59       | 0.1816        | 15.24    | 0.0334 |
| Middle                                          |          | 1    | 14     | 22.33       | 0.1710        | 14.98    | 0.0315 |
| Highest                                         |          | 1    | 14     | 22.34       | 0.1714        | 14.99    | 0.0316 |
| Lowest                                          | 64QAM    | 1    | 14     | 21.30       | 0.1349        | 13.95    | 0.0248 |
| Middle                                          |          | 1    | 14     | 21.47       | 0.1403        | 14.12    | 0.0258 |
| Highest                                         |          | 1    | 14     | 21.50       | 0.1413        | 14.15    | 0.0260 |
| Limit                                           | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 5 / 5MHz (Average) (GT - LC = -5.2 dB) |          |      |        |             |               |          |        |
|-------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                         | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                 |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                          | QPSK     | 1    | 12     | 23.66       | 0.2323        | 16.31    | 0.0428 |
| Middle                                          |          | 1    | 12     | 23.71       | 0.2350        | 16.36    | 0.0433 |
| Highest                                         |          | 1    | 12     | 23.63       | 0.2307        | 16.28    | 0.0425 |
| Lowest                                          | 16QAM    | 1    | 24     | 22.06       | 0.1607        | 14.71    | 0.0296 |
| Middle                                          |          | 1    | 24     | 22.54       | 0.1795        | 15.19    | 0.0330 |
| Highest                                         |          | 1    | 24     | 22.18       | 0.1652        | 14.83    | 0.0304 |
| Lowest                                          | 64QAM    | 1    | 24     | 21.42       | 0.1387        | 14.07    | 0.0255 |
| Middle                                          |          | 1    | 24     | 21.42       | 0.1387        | 14.07    | 0.0255 |
| Highest                                         |          | 1    | 24     | 21.35       | 0.1365        | 14.00    | 0.0251 |
| Limit                                           | ERP < 7W |      |        | Result      |               | PASS     |        |



| LTE Band 5 / 10MHz (Average) (GT - LC = -5.2 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 0      | 23.45       | 0.2213        | 16.10    | 0.0407 |
| Middle                                           |          | 1    | 0      | 23.77       | 0.2382        | 16.42    | 0.0439 |
| Highest                                          |          | 1    | 0      | 23.67       | 0.2328        | 16.32    | 0.0429 |
| Lowest                                           | 16QAM    | 1    | 0      | 22.08       | 0.1614        | 14.73    | 0.0297 |
| Middle                                           |          | 1    | 0      | 22.11       | 0.1626        | 14.76    | 0.0299 |
| Highest                                          |          | 1    | 0      | 22.21       | 0.1663        | 14.86    | 0.0306 |
| Lowest                                           | 64QAM    | 1    | 0      | 21.33       | 0.1358        | 13.98    | 0.0250 |
| Middle                                           |          | 1    | 0      | 21.21       | 0.1321        | 13.86    | 0.0243 |
| Highest                                          |          | 1    | 0      | 21.51       | 0.1416        | 14.16    | 0.0261 |
| Limit                                            | ERP < 7W |      |        | Result      |               | PASS     |        |





| LTE Band 7 / 5MHz (Average) (GT - LC = -0.5 dB) |           |      |        |             |               |           |         |
|-------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                         | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                 |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                          | QPSK      | 12   | 7      | 19.32       | 0.0855        | 18.82     | 0.0762  |
| Middle                                          |           | 12   | 7      | 19.15       | 0.0822        | 18.65     | 0.0733  |
| Highest                                         |           | 12   | 7      | 19.28       | 0.0847        | 18.78     | 0.0755  |
| Lowest                                          | 16QAM     | 1    | 24     | 18.95       | 0.0785        | 18.45     | 0.0700  |
| Middle                                          |           | 1    | 24     | 18.81       | 0.0760        | 18.31     | 0.0678  |
| Highest                                         |           | 1    | 24     | 18.91       | 0.0778        | 18.41     | 0.0693  |
| Lowest                                          | 64QAM     | 1    | 24     | 18.84       | 0.0766        | 18.34     | 0.0682  |
| Middle                                          |           | 1    | 24     | 18.77       | 0.0753        | 18.27     | 0.0671  |
| Highest                                         |           | 1    | 24     | 18.86       | 0.0769        | 18.36     | 0.0685  |
| Limit                                           | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 7 / 10MHz (Average) (GT - LC = -0.5 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 25   | 0      | 19.19       | 0.0830        | 18.69     | 0.0740  |
| Middle                                           |           | 25   | 0      | 19.08       | 0.0809        | 18.58     | 0.0721  |
| Highest                                          |           | 25   | 0      | 19.20       | 0.0832        | 18.70     | 0.0741  |
| Lowest                                           | 16QAM     | 1    | 0      | 18.88       | 0.0773        | 18.38     | 0.0689  |
| Middle                                           |           | 1    | 0      | 18.72       | 0.0745        | 18.22     | 0.0664  |
| Highest                                          |           | 1    | 0      | 18.81       | 0.0760        | 18.31     | 0.0678  |
| Lowest                                           | 64QAM     | 1    | 49     | 18.85       | 0.0767        | 18.35     | 0.0684  |
| Middle                                           |           | 1    | 49     | 18.65       | 0.0733        | 18.15     | 0.0653  |
| Highest                                          |           | 1    | 49     | 18.73       | 0.0746        | 18.23     | 0.0665  |
| Limit                                            | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 7 / 15MHz (Average) (GT - LC = -0.5 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 36   | 20     | 19.35       | 0.0861        | 18.85     | 0.0767  |
| Middle                                           |           | 36   | 20     | 19.21       | 0.0834        | 18.71     | 0.0743  |
| Highest                                          |           | 36   | 20     | 19.35       | 0.0861        | 18.85     | 0.0767  |
| Lowest                                           | 16QAM     | 1    | 0      | 19.00       | 0.0794        | 18.50     | 0.0708  |
| Middle                                           |           | 1    | 0      | 18.82       | 0.0762        | 18.32     | 0.0679  |
| Highest                                          |           | 1    | 0      | 18.84       | 0.0766        | 18.34     | 0.0682  |
| Lowest                                           | 64QAM     | 1    | 0      | 18.94       | 0.0783        | 18.44     | 0.0698  |
| Middle                                           |           | 1    | 0      | 18.77       | 0.0753        | 18.27     | 0.0671  |
| Highest                                          |           | 1    | 0      | 18.84       | 0.0766        | 18.34     | 0.0682  |
| Limit                                            | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 7 / 20MHz (Average) (GT - LC = -0.5 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 50   | 50     | 19.36       | 0.0863        | 18.86     | 0.0769  |
| Middle                                           |           | 50   | 50     | 19.24       | 0.0839        | 18.74     | 0.0748  |
| Highest                                          |           | 50   | 50     | 19.32       | 0.0855        | 18.82     | 0.0762  |
| Lowest                                           | 16QAM     | 1    | 0      | 18.98       | 0.0791        | 18.48     | 0.0705  |
| Middle                                           |           | 1    | 0      | 18.82       | 0.0762        | 18.32     | 0.0679  |
| Highest                                          |           | 1    | 0      | 18.79       | 0.0757        | 18.29     | 0.0675  |
| Lowest                                           | 64QAM     | 1    | 0      | 18.89       | 0.0774        | 18.39     | 0.0690  |
| Middle                                           |           | 1    | 0      | 18.71       | 0.0743        | 18.21     | 0.0662  |
| Highest                                          |           | 1    | 0      | 18.76       | 0.0752        | 18.26     | 0.0670  |
| Limit                                            | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 12 / 1.4MHz (Average) (GT - LC = -7.3 dB) |          |      |        |             |               |          |        |
|----------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                            | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                    |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                             | QPSK     | 3    | 1      | 23.93       | 0.2472        | 14.48    | 0.0281 |
| Middle                                             |          | 3    | 1      | 23.84       | 0.2421        | 14.39    | 0.0275 |
| Highest                                            |          | 3    | 1      | 23.79       | 0.2393        | 14.34    | 0.0272 |
| Lowest                                             | 16QAM    | 1    | 0      | 22.61       | 0.1824        | 13.16    | 0.0207 |
| Middle                                             |          | 1    | 0      | 22.66       | 0.1845        | 13.21    | 0.0209 |
| Highest                                            |          | 1    | 0      | 22.41       | 0.1742        | 12.96    | 0.0198 |
| Lowest                                             | 64QAM    | 1    | 3      | 21.61       | 0.1449        | 12.16    | 0.0164 |
| Middle                                             |          | 1    | 3      | 21.71       | 0.1483        | 12.26    | 0.0168 |
| Highest                                            |          | 1    | 3      | 21.41       | 0.1384        | 11.96    | 0.0157 |
| Limit                                              | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 12 / 3MHz (Average) (GT - LC = -7.3 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 8      | 23.99       | 0.2506        | 14.54    | 0.0284 |
| Middle                                           |          | 1    | 8      | 23.98       | 0.2500        | 14.53    | 0.0284 |
| Highest                                          |          | 1    | 8      | 23.99       | 0.2506        | 14.54    | 0.0284 |
| Lowest                                           | 16QAM    | 1    | 8      | 22.91       | 0.1954        | 13.46    | 0.0222 |
| Middle                                           |          | 1    | 8      | 23.00       | 0.1995        | 13.55    | 0.0226 |
| Highest                                          |          | 1    | 8      | 22.79       | 0.1901        | 13.34    | 0.0216 |
| Lowest                                           | 64QAM    | 1    | 8      | 21.82       | 0.1521        | 12.37    | 0.0173 |
| Middle                                           |          | 1    | 8      | 21.62       | 0.1452        | 12.17    | 0.0165 |
| Highest                                          |          | 1    | 8      | 21.68       | 0.1472        | 12.23    | 0.0167 |
| Limit                                            | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 12 / 5MHz (Average) (GT - LC = -7.3 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 12     | 23.98       | 0.2500        | 14.53    | 0.0284 |
| Middle                                           |          | 1    | 12     | 24.04       | 0.2535        | 14.59    | 0.0288 |
| Highest                                          |          | 1    | 12     | 23.97       | 0.2495        | 14.52    | 0.0283 |
| Lowest                                           | 16QAM    | 1    | 12     | 22.49       | 0.1774        | 13.04    | 0.0201 |
| Middle                                           |          | 1    | 12     | 22.89       | 0.1945        | 13.44    | 0.0221 |
| Highest                                          |          | 1    | 12     | 22.51       | 0.1782        | 13.06    | 0.0202 |
| Lowest                                           | 64QAM    | 1    | 24     | 21.74       | 0.1493        | 12.29    | 0.0169 |
| Middle                                           |          | 1    | 24     | 21.49       | 0.1409        | 12.04    | 0.0160 |
| Highest                                          |          | 1    | 24     | 21.70       | 0.1479        | 12.25    | 0.0168 |
| Limit                                            | ERP < 3W |      |        | Result      |               | PASS     |        |



| LTE Band 12 / 10MHz (Average) (GT - LC = -7.3 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | 1    | 49     | 23.95       | 0.2483        | 14.50    | 0.0282 |
| Middle                                            |          | 1    | 49     | 23.86       | 0.2432        | 14.41    | 0.0276 |
| Highest                                           |          | 1    | 49     | 23.87       | 0.2438        | 14.42    | 0.0277 |
| Lowest                                            | 16QAM    | 1    | 0      | 22.69       | 0.1858        | 13.24    | 0.0211 |
| Middle                                            |          | 1    | 0      | 22.25       | 0.1679        | 12.80    | 0.0191 |
| Highest                                           |          | 1    | 0      | 22.28       | 0.1690        | 12.83    | 0.0192 |
| Lowest                                            | 64QAM    | 1    | 0      | 21.53       | 0.1422        | 12.08    | 0.0161 |
| Middle                                            |          | 1    | 0      | 21.69       | 0.1476        | 12.24    | 0.0167 |
| Highest                                           |          | 1    | 0      | 21.61       | 0.1449        | 12.16    | 0.0164 |
| Limit                                             | ERP < 3W |      |        | Result      |               | PASS     |        |



| LTE Band 13 / 5MHz (Average) (GT - LC = -7.7 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 24     | 24.14       | 0.2594        | 14.29    | 0.0269 |
| Middle                                           |          | 1    | 24     | 24.11       | 0.2576        | 14.26    | 0.0267 |
| Highest                                          |          | 1    | 24     | 24.14       | 0.2594        | 14.29    | 0.0269 |
| Lowest                                           | 16QAM    | 1    | 24     | 22.55       | 0.1799        | 12.70    | 0.0186 |
| Middle                                           |          | 1    | 24     | 22.70       | 0.1862        | 12.85    | 0.0193 |
| Highest                                          |          | 1    | 24     | 23.02       | 0.2004        | 13.17    | 0.0207 |
| Lowest                                           | 64QAM    | 1    | 12     | 21.83       | 0.1524        | 11.98    | 0.0158 |
| Middle                                           |          | 1    | 12     | 21.90       | 0.1549        | 12.05    | 0.0160 |
| Highest                                          |          | 1    | 12     | 21.91       | 0.1552        | 12.06    | 0.0161 |
| Limit                                            | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 13 / 10MHz (Average) (GT - LC = -7.7 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | -    | -      | -           | -             | -        | -      |
| Middle                                            |          | 1    | 49     | 24.19       | 0.2624        | 14.34    | 0.0272 |
| Highest                                           |          | -    | -      | -           | -             | -        | -      |
| Lowest                                            | 16QAM    | -    | -      | -           | -             | -        | -      |
| Middle                                            |          | 1    | 25     | 22.67       | 0.1849        | 12.82    | 0.0191 |
| Highest                                           |          | -    | -      | -           | -             | -        | -      |
| Lowest                                            | 64QAM    | -    | -      | -           | -             | -        | -      |
| Middle                                            |          | 1    | 49     | 22.05       | 0.1603        | 12.20    | 0.0166 |
| Highest                                           |          | -    | -      | -           | -             | -        | -      |
| Limit                                             | ERP < 3W |      |        | Result      |               | PASS     |        |



| LTE Band 17 / 5MHz (Average) (GT - LC = -7.3 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 12     | 23.97       | 0.2495        | 14.52    | 0.0283 |
| Middle                                           |          | 1    | 12     | 24.02       | 0.2523        | 14.57    | 0.0286 |
| Highest                                          |          | 1    | 12     | 23.80       | 0.2399        | 14.35    | 0.0272 |
| Lowest                                           | 16QAM    | 1    | 12     | 22.29       | 0.1694        | 12.84    | 0.0192 |
| Middle                                           |          | 1    | 12     | 22.89       | 0.1945        | 13.44    | 0.0221 |
| Highest                                          |          | 1    | 12     | 22.63       | 0.1832        | 13.18    | 0.0208 |
| Lowest                                           | 64QAM    | 1    | 12     | 21.78       | 0.1507        | 12.33    | 0.0171 |
| Middle                                           |          | 1    | 12     | 21.57       | 0.1435        | 12.12    | 0.0163 |
| Highest                                          |          | 1    | 12     | 21.69       | 0.1476        | 12.24    | 0.0167 |
| Limit                                            | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 17 / 10MHz (Average) (GT - LC = -7.3 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | 1    | 0      | 23.85       | 0.2427        | 14.40    | 0.0275 |
| Middle                                            |          | 1    | 0      | 23.85       | 0.2427        | 14.40    | 0.0275 |
| Highest                                           |          | 1    | 0      | 23.93       | 0.2472        | 14.48    | 0.0281 |
| Lowest                                            | 16QAM    | 1    | 25     | 22.49       | 0.1774        | 13.04    | 0.0201 |
| Middle                                            |          | 1    | 25     | 22.53       | 0.1791        | 13.08    | 0.0203 |
| Highest                                           |          | 1    | 25     | 22.22       | 0.1667        | 12.77    | 0.0189 |
| Lowest                                            | 64QAM    | 1    | 25     | 21.74       | 0.1493        | 12.29    | 0.0169 |
| Middle                                            |          | 1    | 25     | 21.57       | 0.1435        | 12.12    | 0.0163 |
| Highest                                           |          | 1    | 25     | 21.58       | 0.1439        | 12.13    | 0.0163 |
| Limit                                             | ERP < 3W |      |        | Result      |               | PASS     |        |





| LTE Band 41 / 5MHz (Average) (GT - LC = -0.5 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 0      | 21.15       | 0.1303        | 20.65     | 0.1161  |
| Middle                                           |           | 1    | 0      | 21.22       | 0.1324        | 20.72     | 0.1180  |
| Highest                                          |           | 1    | 0      | 21.28       | 0.1343        | 20.78     | 0.1197  |
| Lowest                                           | 16QAM     | 1    | 24     | 20.70       | 0.1175        | 20.20     | 0.1047  |
| Middle                                           |           | 1    | 24     | 20.86       | 0.1219        | 20.36     | 0.1086  |
| Highest                                          |           | 1    | 24     | 20.83       | 0.1211        | 20.33     | 0.1079  |
| Lowest                                           | 64QAM     | 1    | 24     | 20.57       | 0.1140        | 20.07     | 0.1016  |
| Middle                                           |           | 1    | 24     | 20.61       | 0.1151        | 20.11     | 0.1026  |
| Highest                                          |           | 1    | 24     | 20.59       | 0.1146        | 20.09     | 0.1021  |
| Limit                                            | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 41 / 10MHz (Average) (GT - LC = -0.5 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 25   | 12     | 21.26       | 0.1337        | 20.76     | 0.1191  |
| Middle                                            |           | 25   | 12     | 21.34       | 0.1361        | 20.84     | 0.1213  |
| Highest                                           |           | 25   | 12     | 21.32       | 0.1355        | 20.82     | 0.1208  |
| Lowest                                            | 16QAM     | 25   | 0      | 20.81       | 0.1205        | 20.31     | 0.1074  |
| Middle                                            |           | 25   | 0      | 20.85       | 0.1216        | 20.35     | 0.1084  |
| Highest                                           |           | 25   | 0      | 20.88       | 0.1225        | 20.38     | 0.1091  |
| Lowest                                            | 64QAM     | 1    | 49     | 20.51       | 0.1125        | 20.01     | 0.1002  |
| Middle                                            |           | 1    | 49     | 20.58       | 0.1143        | 20.08     | 0.1019  |
| Highest                                           |           | 1    | 49     | 20.56       | 0.1138        | 20.06     | 0.1014  |
| Limit                                             | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 41 / 15MHz (Average) (GT - LC = -0.5 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 36   | 39     | 21.35       | 0.1365        | 20.85     | 0.1216  |
| Middle                                            |           | 36   | 39     | 21.45       | 0.1396        | 20.95     | 0.1245  |
| Highest                                           |           | 36   | 39     | 21.50       | 0.1413        | 21.00     | 0.1259  |
| Lowest                                            | 16QAM     | 75   | 0      | 20.92       | 0.1236        | 20.42     | 0.1102  |
| Middle                                            |           | 75   | 0      | 20.99       | 0.1256        | 20.49     | 0.1119  |
| Highest                                           |           | 75   | 0      | 21.01       | 0.1262        | 20.51     | 0.1125  |
| Lowest                                            | 64QAM     | 1    | 74     | 20.57       | 0.1140        | 20.07     | 0.1016  |
| Middle                                            |           | 1    | 74     | 20.64       | 0.1159        | 20.14     | 0.1033  |
| Highest                                           |           | 1    | 74     | 20.75       | 0.1189        | 20.25     | 0.1059  |
| Limit                                             | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 41 / 20MHz (Average) (GT - LC = -0.5 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 50   | 50     | 21.35       | 0.1365        | 20.85     | 0.1216  |
| Middle                                            |           | 50   | 50     | 21.48       | 0.1406        | 20.98     | 0.1253  |
| Highest                                           |           | 50   | 50     | 21.57       | 0.1435        | 21.07     | 0.1279  |
| Lowest                                            | 16QAM     | 50   | 50     | 20.93       | 0.1239        | 20.43     | 0.1104  |
| Middle                                            |           | 50   | 50     | 20.97       | 0.1250        | 20.47     | 0.1114  |
| Highest                                           |           | 50   | 50     | 21.10       | 0.1288        | 20.60     | 0.1148  |
| Lowest                                            | 64QAM     | 1    | 99     | 20.56       | 0.1138        | 20.06     | 0.1014  |
| Middle                                            |           | 1    | 99     | 20.58       | 0.1143        | 20.08     | 0.1019  |
| Highest                                           |           | 1    | 99     | 20.81       | 0.1205        | 20.31     | 0.1074  |
| Limit                                             | EIRP < 2W |      |        | Result      |               | PASS      |         |

**Radiated Spurious Emission****LTE Band 4**

| 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) |
| Lowest                    | 3431                 | -55.02          | -13              | -42.02                  | -71.33                  | -66.01                   | 1.35                       | 12.33                       | H                     |
|                           | 5146                 | -50.57          | -13              | -37.57                  | -72.28                  | -61.73                   | 1.65                       | 12.80                       | H                     |
|                           | 6862                 | -46.73          | -13              | -33.73                  | -72.23                  | -57.08                   | 1.74                       | 12.09                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3431                 | -56.02          | -13              | -43.02                  | -72.74                  | -67.01                   | 1.35                       | 12.33                       | V                     |
|                           | 5146                 | -52.17          | -13              | -39.17                  | -73.64                  | -63.33                   | 1.65                       | 12.80                       | V                     |
|                           | 6862                 | -48.56          | -13              | -35.56                  | -73.65                  | -58.91                   | 1.74                       | 12.09                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 3481                 | -54.98          | -13              | -41.98                  | -71.77                  | -66.08                   | 1.36                       | 12.45                       | H                     |
|                           | 5222                 | -50.71          | -13              | -37.71                  | -72.51                  | -61.95                   | 1.67                       | 12.91                       | H                     |
|                           | 6962                 | -46.44          | -13              | -33.44                  | -72.47                  | -56.67                   | 1.73                       | 11.95                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           | 3481                 | -55.89          | -13              | -42.89                  | -73.05                  | -66.99                   | 1.36                       | 12.45                       | V                     |
|                           | 5222                 | -51.98          | -13              | -38.98                  | -73.6                   | -63.22                   | 1.67                       | 12.91                       | V                     |
|                           | 6962                 | -48.11          | -13              | -35.11                  | -73.66                  | -58.34                   | 1.73                       | 11.95                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3456 | -55.31 | -13 | -42.31 | -71.85 | -66.35 | 1.35 | 12.39 | H |
|         | 5184 | -50.96 | -13 | -37.96 | -72.68 | -62.16 | 1.66 | 12.86 | H |
|         | 6912 | -46.60 | -13 | -33.60 | -72.37 | -56.89 | 1.73 | 12.02 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3456 | -55.97 | -13 | -42.97 | -72.9  | -67.01 | 1.35 | 12.39 | V |
|         | 5184 | -52.38 | -13 | -39.38 | -73.92 | -63.58 | 1.66 | 12.86 | V |
|         | 6912 | -48.29 | -13 | -35.29 | -73.62 | -58.58 | 1.73 | 12.02 | 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 / 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) |
| Lowest                    | 1649                 | -60.60         | -13              | -47.60                  | -70.69                  | -66.20                   | 0.92                       | 8.67                        | H                     |
|                           | 2473                 | -56.53         | -13              | -43.53                  | -70.85                  | -63.90                   | 1.14                       | 10.66                       | H                     |
|                           | 3298                 | -55.49         | -13              | -42.49                  | -71.16                  | -64.03                   | 1.32                       | 12.02                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1649                 | -61.20         | -13              | -48.20                  | -70.76                  | -66.80                   | 0.92                       | 8.67                        | V                     |
|                           | 2473                 | -56.10         | -13              | -43.10                  | -70.57                  | -63.47                   | 1.14                       | 10.66                       | V                     |
|                           | 3298                 | -55.10         | -13              | -42.10                  | -71.24                  | -63.64                   | 1.32                       | 12.02                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1664                 | -60.59         | -13              | -47.59                  | -70.72                  | -66.24                   | 0.93                       | 8.72                        | H                     |
|                           | 2496                 | -56.19         | -13              | -43.19                  | -70.49                  | -63.59                   | 1.15                       | 10.69                       | H                     |
|                           | 3328                 | -55.18         | -13              | -42.18                  | -70.78                  | -63.79                   | 1.33                       | 12.09                       | H                     |
|                           | 4160                 | -51.04         | -13              | -38.04                  | -69.81                  | -60.19                   | 1.46                       | 12.77                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1664                 | -61.21         | -13              | -48.21                  | -70.75                  | -66.86                   | 0.93                       | 8.72                        | V                     |
|                           | 2496                 | -55.76         | -13              | -42.76                  | -70.27                  | -63.16                   | 1.15                       | 10.69                       | V                     |
|                           | 3328                 | -54.39         | -13              | -41.39                  | -70.45                  | -63.00                   | 1.33                       | 12.09                       | V                     |
|                           | 4160                 | -48.19         | -13              | -35.19                  | -67.06                  | -57.34                   | 1.46                       | 12.77                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1680 | -60.62 | -13 | -47.62 | -70.81 | -66.32 | 0.93 | 8.78  | H |
|         | 2518 | -56.59 | -13 | -43.59 | -70.88 | -64.01 | 1.15 | 10.72 | H |
|         | 3360 | -55.64 | -13 | -42.64 | -71.15 | -64.32 | 1.33 | 12.16 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1680 | -60.78 | -13 | -47.78 | -70.32 | -66.48 | 0.93 | 8.78  | V |
|         | 2518 | -56.05 | -13 | -43.05 | -70.51 | -63.47 | 1.15 | 10.72 | V |
|         | 3360 | -54.80 | -13 | -41.80 | -70.75 | -63.48 | 1.33 | 12.16 | 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 / 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                    | 5028                 | -50.62          | -25              | -25.62                  | -72.29                  | -61.64                   | 1.62                       | 12.64                       | H                     |
|                           | 7542                 | -46.04          | -25              | -21.04                  | -72.37                  | -55.15                   | 2.00                       | 11.11                       | H                     |
|                           | 10062                | -42.56          | -25              | -17.56                  | -71.75                  | -51.41                   | 2.40                       | 11.25                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5028                 | -51.10          | -25              | -26.10                  | -72.36                  | -62.12                   | 1.62                       | 12.64                       | V                     |
|                           | 7542                 | -45.68          | -25              | -20.68                  | -71.97                  | -54.79                   | 2.00                       | 11.11                       | V                     |
|                           | 10062                | -41.47          | -25              | -16.47                  | -71.32                  | -50.32                   | 2.40                       | 11.25                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 5076                 | -51.16          | -25              | -26.16                  | -72.85                  | -62.24                   | 1.63                       | 12.71                       | H                     |
|                           | 7620                 | -46.25          | -25              | -21.25                  | -72.31                  | -55.37                   | 2.01                       | 11.12                       | H                     |
|                           | 10161                | -42.27          | -25              | -17.27                  | -71.83                  | -51.04                   | 2.40                       | 11.17                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5076                 | -50.82          | -25              | -25.82                  | -72.17                  | -61.90                   | 1.63                       | 12.71                       | V                     |
|                           | 7620                 | -46.20          | -25              | -21.20                  | -72.19                  | -55.32                   | 2.01                       | 11.12                       | V                     |
|                           | 10161                | -41.72          | -25              | -16.72                  | -71.73                  | -50.49                   | 2.40                       | 11.17                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |





|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5130  | -50.81 | -25 | -25.81 | -72.51 | -61.95 | 1.64 | 12.78 | H |
|         | 7692  | -45.49 | -25 | -20.49 | -71.55 | -54.61 | 2.02 | 11.14 | H |
|         | 10260 | -41.47 | -25 | -16.47 | -71.41 | -50.17 | 2.39 | 11.09 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5130  | -51.46 | -25 | -26.46 | -72.9  | -62.60 | 1.64 | 12.78 | V |
|         | 7692  | -45.85 | -25 | -20.85 | -71.74 | -54.97 | 2.02 | 11.14 | V |
|         | 10260 | -41.36 | -25 | -16.36 | -71.53 | -50.06 | 2.39 | 11.09 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

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

**LTE Band 12**

| LTE Band 12 / 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) |
| Lowest                    | 1400                 | -57.71         | -13.00           | -44.71                  | -69.02                  | -62.36                   | 0.84                       | 7.64                        | H                     |
|                           | 2104                 | -55.79         | -13.00           | -42.79                  | -70.05                  | -62.72                   | 1.06                       | 10.15                       | H                     |
|                           | 2808                 | -55.82         | -13.00           | -42.82                  | -70.72                  | -63.52                   | 1.22                       | 11.07                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1400                 | -58.91         | -13.00           | -45.91                  | -68.99                  | -63.56                   | 0.84                       | 7.64                        | V                     |
|                           | 2104                 | -56.93         | -13.00           | -43.93                  | -70.08                  | -63.86                   | 1.06                       | 10.15                       | V                     |
|                           | 2808                 | -55.98         | -13.00           | -42.98                  | -70.83                  | -63.68                   | 1.22                       | 11.07                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1416                 | -58.81         | -13.00           | -45.81                  | -70.05                  | -63.53                   | 0.85                       | 7.71                        | H                     |
|                           | 2120                 | -55.90         | -13.00           | -42.90                  | -70.42                  | -62.85                   | 1.07                       | 10.17                       | H                     |
|                           | 2832                 | -55.49         | -13.00           | -42.49                  | -70.47                  | -63.21                   | 1.23                       | 11.10                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1416                 | -59.79         | -13.00           | -46.79                  | -69.82                  | -64.51                   | 0.85                       | 7.71                        | V                     |
|                           | 2120                 | -57.16         | -13.00           | -44.16                  | -70.55                  | -64.11                   | 1.07                       | 10.17                       | V                     |
|                           | 2832                 | -55.95         | -13.00           | -42.95                  | -70.90                  | -63.67                   | 1.23                       | 11.10                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |        |        |        |        |      |       |   |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1424 | -57.83 | -13.00 | -44.83 | -69.00 | -62.58 | 0.85 | 7.75  | H |
|         | 2144 | -55.33 | -13.00 | -42.33 | -70.24 | -62.31 | 1.07 | 10.20 | H |
|         | 2856 | -55.62 | -13.00 | -42.62 | -70.68 | -63.36 | 1.24 | 11.13 | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         | 1424 | -59.35 | -13.00 | -46.35 | -69.33 | -64.10 | 0.85 | 7.75  | V |
|         | 2144 | -56.27 | -13.00 | -43.27 | -70.01 | -63.25 | 1.07 | 10.20 | V |
|         | 2856 | -55.56 | -13.00 | -42.56 | -70.63 | -63.30 | 1.24 | 11.13 | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |

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

**LTE Band 13**

| LTE Band 13 / 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) |
| Lowest                    | 1560                 | -60.28         | -42.15           | -18.13                  | -70.53                  | -65.57                   | 0.89                       | 8.33                        | H                     |
|                           | 2344                 | -56.32         | -13              | -43.32                  | -71.07                  | -63.54                   | 1.12                       | 10.48                       | H                     |
|                           | 3128                 | -55.08         | -13              | -42.08                  | -70.88                  | -63.24                   | 1.29                       | 11.61                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1560                 | -60.68         | -42.15           | -18.53                  | -70.29                  | -65.97                   | 0.89                       | 8.33                        | V                     |
|                           | 2344                 | -56.34         | -13              | -43.34                  | -70.72                  | -63.56                   | 1.12                       | 10.48                       | V                     |
|                           | 3128                 | -54.58         | -13              | -41.58                  | -70.76                  | -62.74                   | 1.29                       | 11.61                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1568                 | -60.13         | -42.15           | -17.98                  | -70.33                  | -65.45                   | 0.89                       | 8.36                        | H                     |
|                           | 2352                 | -56.31         | -13              | -43.31                  | -71.00                  | -63.54                   | 1.12                       | 10.49                       | H                     |
|                           | 3136                 | -55.42         | -13              | -42.42                  | -71.23                  | -63.60                   | 1.29                       | 11.63                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1568                 | -60.64         | -42.15           | -18.49                  | -70.25                  | -65.96                   | 0.89                       | 8.36                        | V                     |
|                           | 2352                 | -56.50         | -13              | -43.50                  | -70.86                  | -63.73                   | 1.12                       | 10.49                       | V                     |
|                           | 3136                 | -54.80         | -13              | -41.80                  | -71.00                  | -62.98                   | 1.29                       | 11.63                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |        |        |        |        |      |       |   |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1576 | -60.51 | -42.15 | -18.36 | -70.64 | -65.85 | 0.90 | 8.39  | H |
|         | 2360 | -56.64 | -13    | -43.64 | -71.28 | -63.87 | 1.12 | 10.50 | H |
|         | 3144 | -55.07 | -13    | -42.07 | -70.89 | -63.27 | 1.30 | 11.65 | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         | 1576 | -60.49 | -42.15 | -18.34 | -70.09 | -65.83 | 0.90 | 8.39  | V |
|         | 2360 | -56.27 | -13    | -43.27 | -70.63 | -63.50 | 1.12 | 10.50 | V |
|         | 3144 | -55.04 | -13    | -42.04 | -71.27 | -63.24 | 1.30 | 11.65 | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |

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



| LTE Band 13 / 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                     | 1576                 | -60.46         | -42.15           | -18.31                  | -70.59                  | -65.80                   | 0.90                       | 8.39                        | H                     |
|                            | 2360                 | -56.37         | -13              | -43.37                  | -71.01                  | -63.60                   | 1.12                       | 10.50                       | H                     |
|                            | 3144                 | -54.93         | -13              | -41.93                  | -70.75                  | -63.13                   | 1.30                       | 11.65                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1576                 | -60.77         | -42.15           | -18.62                  | -70.37                  | -66.11                   | 0.90                       | 8.39                        | V                     |
|                            | 2360                 | -56.59         | -13              | -43.59                  | -70.95                  | -63.82                   | 1.12                       | 10.50                       | V                     |
|                            | 3144                 | -55.11         | -13              | -42.11                  | -71.34                  | -63.31                   | 1.30                       | 11.65                       | 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 / 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                     | 5021                 | -50.61          | -25              | -25.61                  | -72.28                  | -61.62                   | 1.62                       | 12.63                       | H                     |
|                            | 7532                 | -46.08          | -25              | -21.08                  | -72.44                  | -55.19                   | 1.99                       | 11.11                       | H                     |
|                            | 10042                | -42.92          | -25              | -17.92                  | -72.03                  | -51.79                   | 2.40                       | 11.27                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5021                 | -51.11          | -25              | -26.11                  | -72.36                  | -62.12                   | 1.62                       | 12.63                       | V                     |
|                            | 7532                 | -46.06          | -25              | -21.06                  | -72.39                  | -55.17                   | 1.99                       | 11.11                       | V                     |
|                            | 10042                | -41.99          | -25              | -16.99                  | -71.81                  | -50.86                   | 2.40                       | 11.27                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5195                 | -50.71          | -25              | -25.71                  | -72.44                  | -61.92                   | 1.66                       | 12.87                       | H                     |
|                            | 7793                 | -45.89          | -25              | -20.89                  | -71.93                  | -55.02                   | 2.03                       | 11.16                       | H                     |
|                            | 10390                | -41.27          | -25              | -16.27                  | -71.7                   | -49.87                   | 2.39                       | 10.99                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5195                 | -51.05          | -25              | -26.05                  | -72.61                  | -62.26                   | 1.66                       | 12.87                       | V                     |
|                            | 7793                 | -46.35          | -25              | -21.35                  | -72.1                   | -55.48                   | 2.03                       | 11.16                       | V                     |
|                            | 10390                | -41.55          | -25              | -16.55                  | -71.93                  | -50.15                   | 2.39                       | 10.99                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5370  | -49.92 | -25 | -24.92 | -72.23 | -61.33 | 1.71 | 13.12 | H |
|         | 8054  | -44.98 | -25 | -19.98 | -72.08 | -54.23 | 2.06 | 11.31 | H |
|         | 10738 | -42.35 | -25 | -17.35 | -73.95 | -50.74 | 2.51 | 10.90 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5370  | -49.67 | -25 | -24.67 | -71.6  | -61.08 | 1.71 | 13.12 | V |
|         | 8054  | -44.87 | -25 | -19.87 | -71.96 | -54.12 | 2.06 | 11.31 | V |
|         | 10738 | -42.39 | -25 | -17.39 | -73.76 | -50.78 | 2.51 | 10.90 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

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