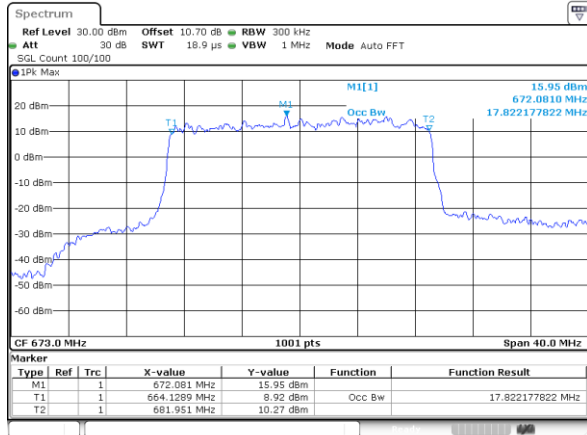




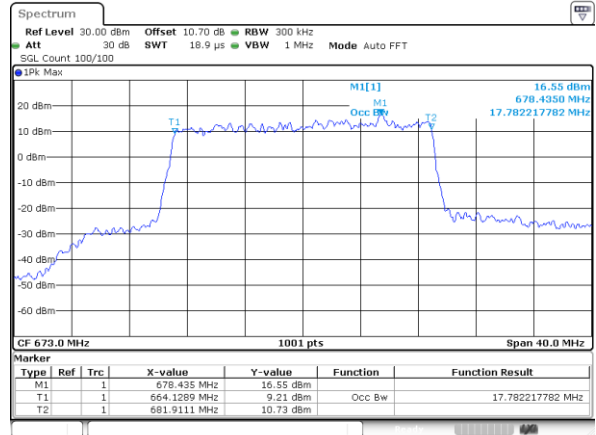
## LTE Band 71

## Lowest Channel / 20MHz / QPSK



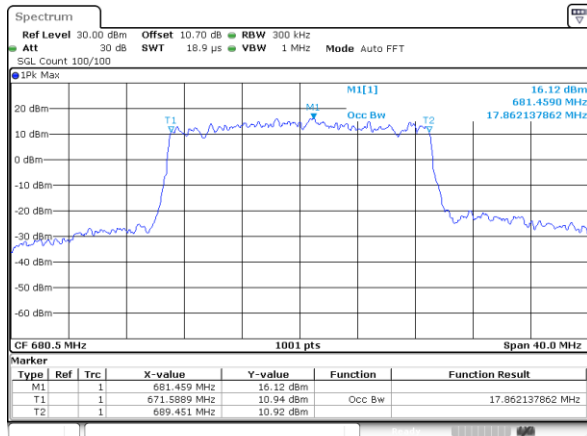
Date: 6.APR.2020 23:29:19

## Lowest Channel / 20MHz / 16QAM



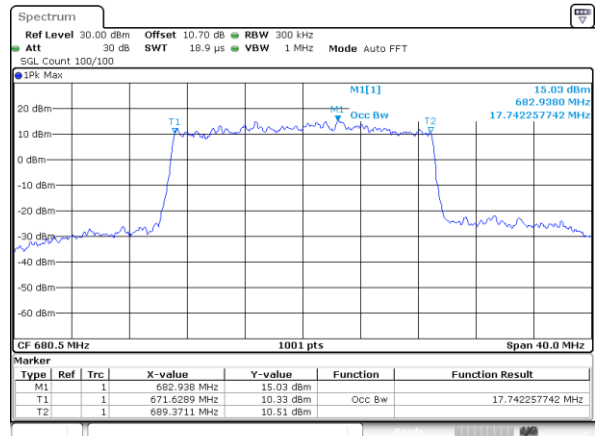
Date: 6.APR.2020 23:29:41

## Middle Channel / 20MHz / QPSK



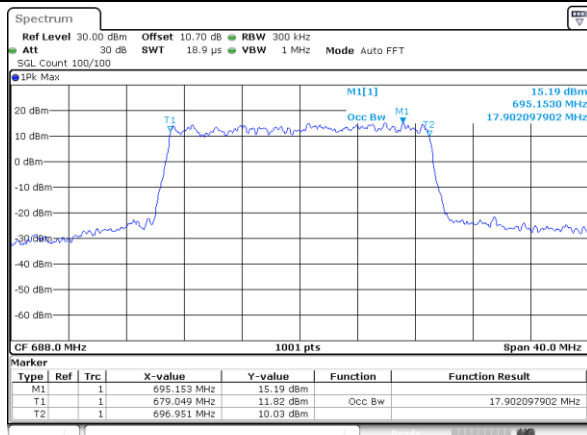
Date: 6.APR.2020 21:39:50

## Middle Channel / 20MHz / 16QAM



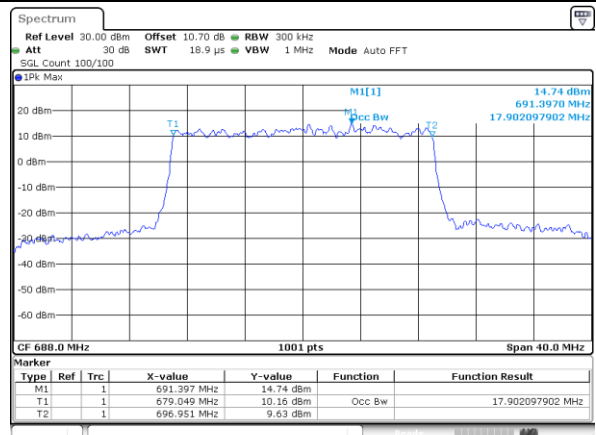
Date: 6.APR.2020 21:30:51

## Highest Channel / 20MHz / QPSK

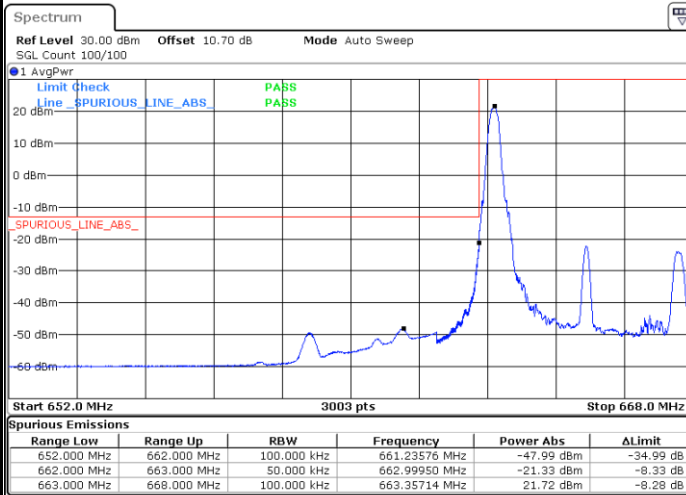
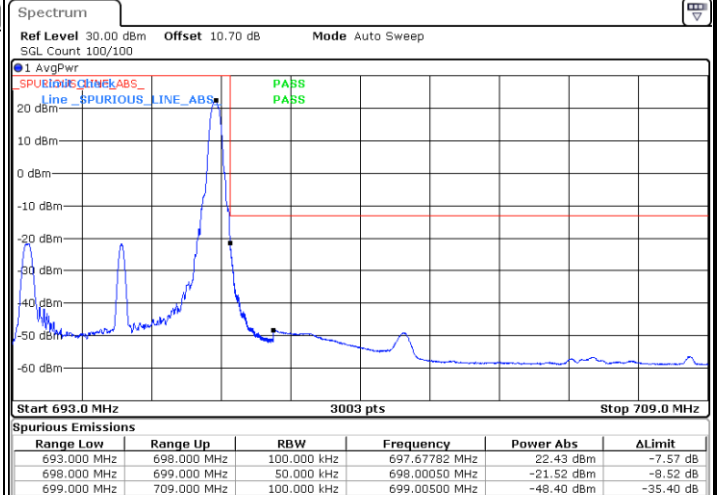
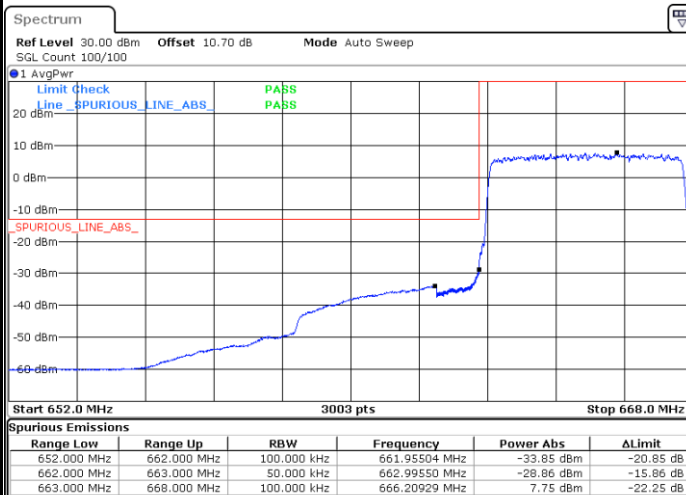


Date: 7.APR.2020 02:13:30

## Highest Channel / 20MHz / 16QAM



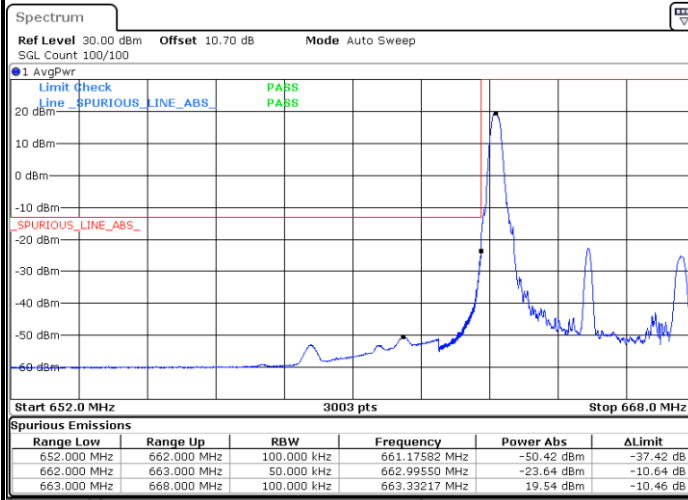
Date: 7.APR.2020 02:13:53

**Conducted Band Edge****LTE Band 71 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

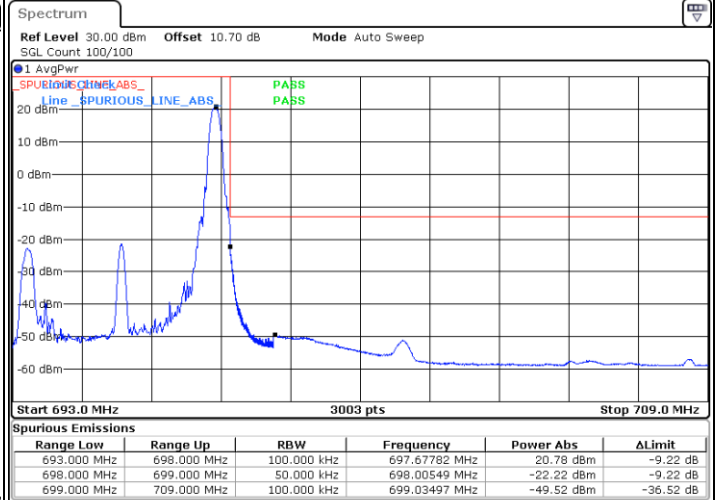


## LTE Band 71 / 5MHz / 16QAM

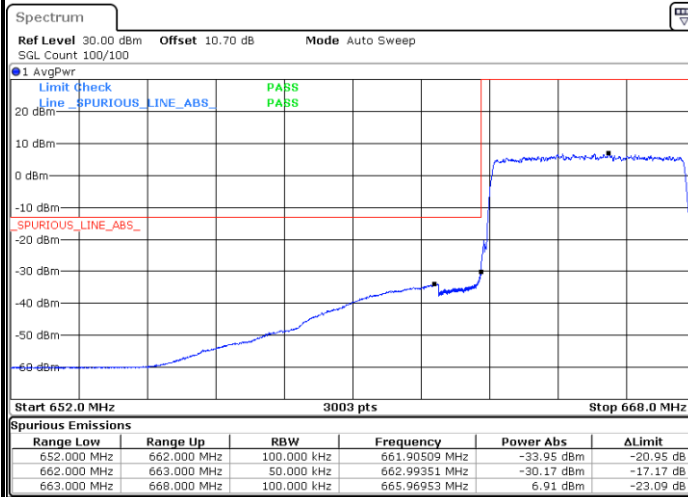
## Lowest Band Edge / 1 RB



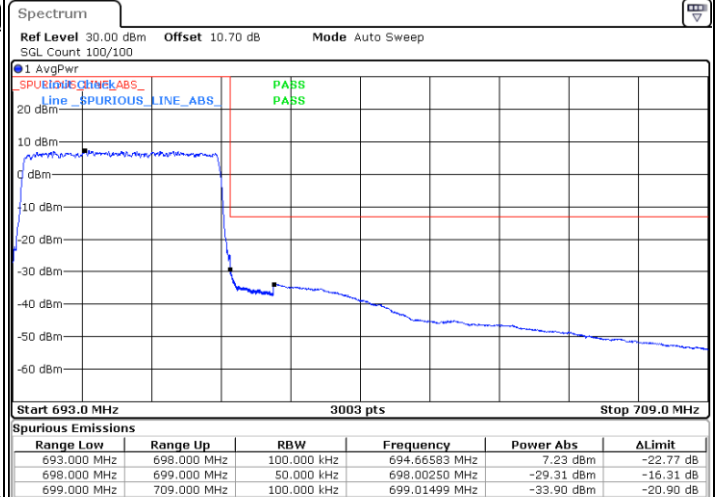
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



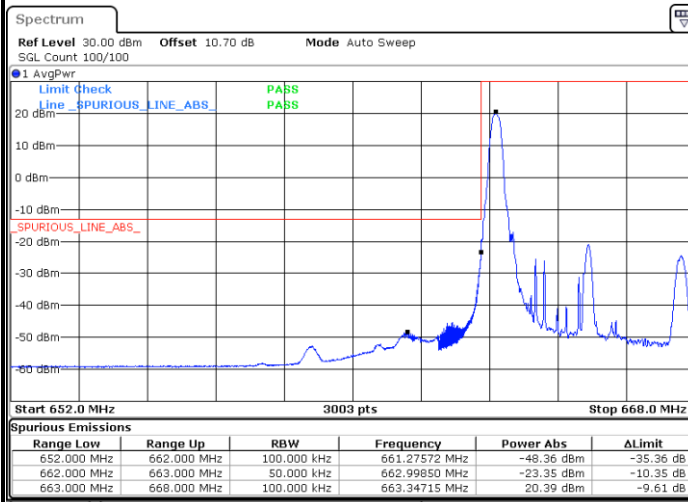
## Highest Band Edge / Full RB



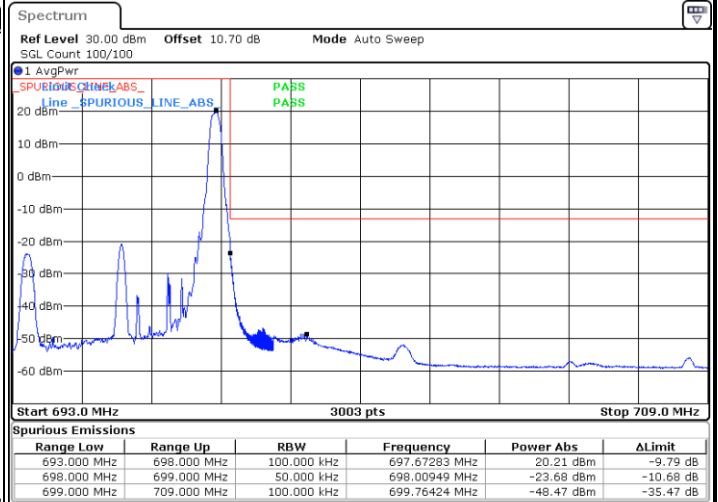


## LTE Band 71 / 5MHz / 64QAM

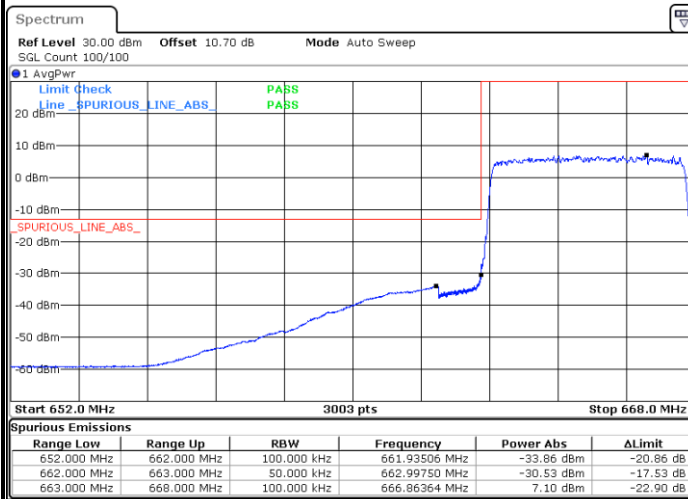
## Lowest Band Edge / 1RB



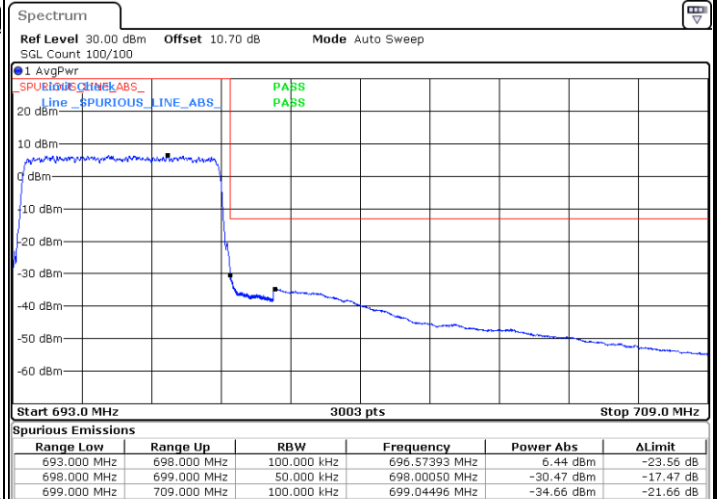
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



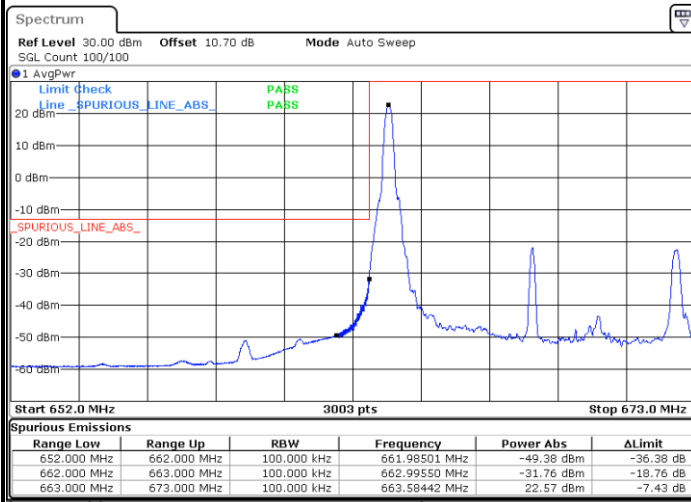
## Highest Band Edge / Full RB



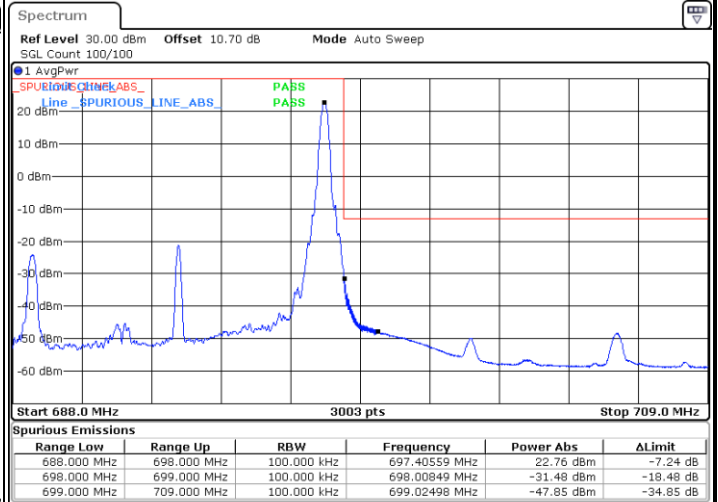


## LTE Band 71 / 10MHz / QPSK

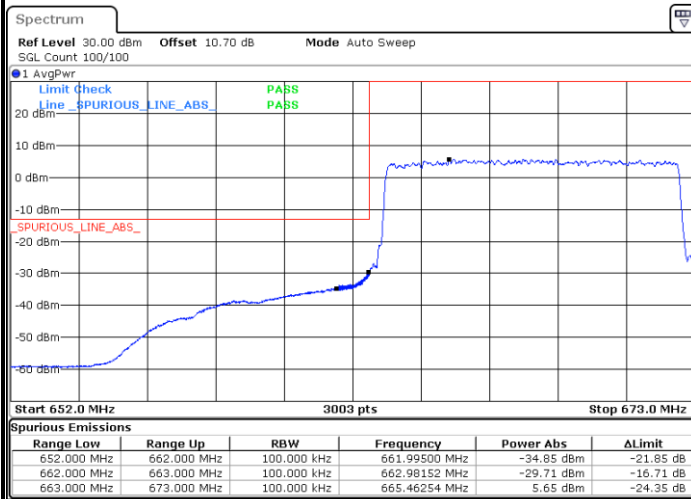
## Lowest Band Edge / 1 RB



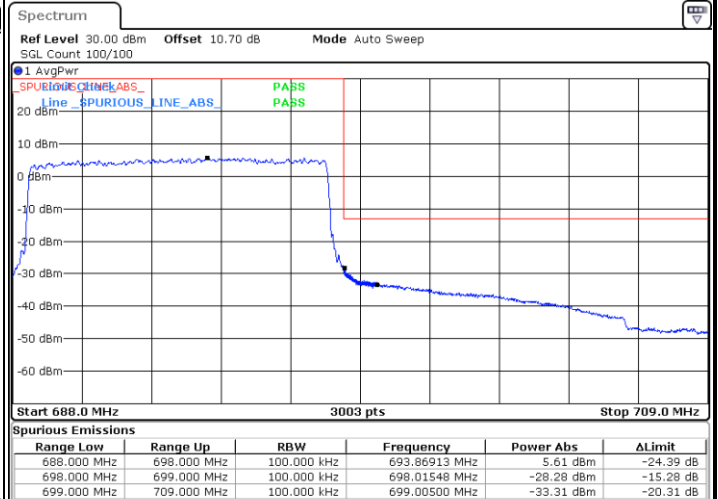
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



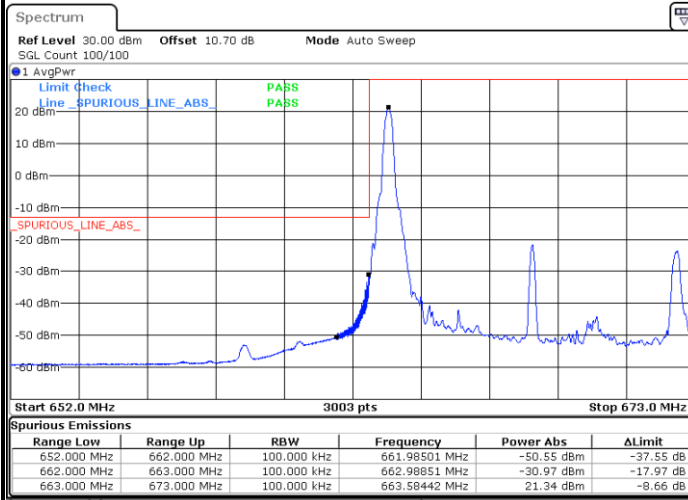
## Highest Band Edge / Full RB



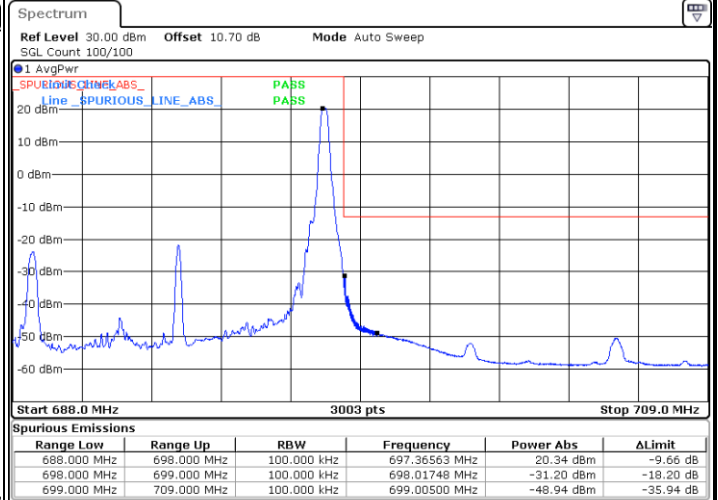


## LTE Band 71 / 10MHz / 16QAM

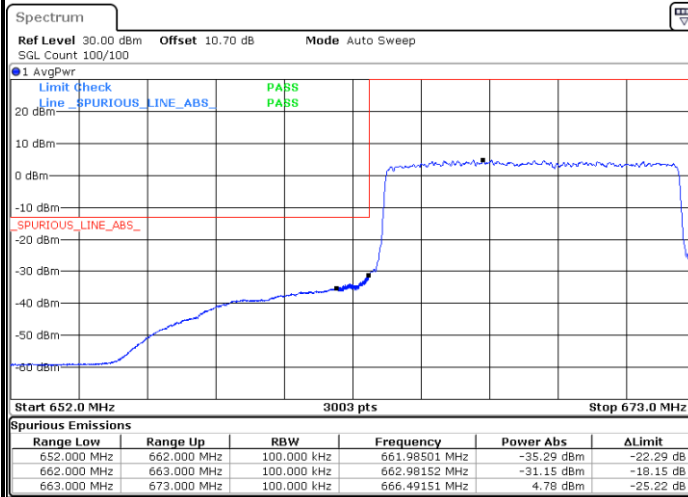
## Lowest Band Edge / 1 RB



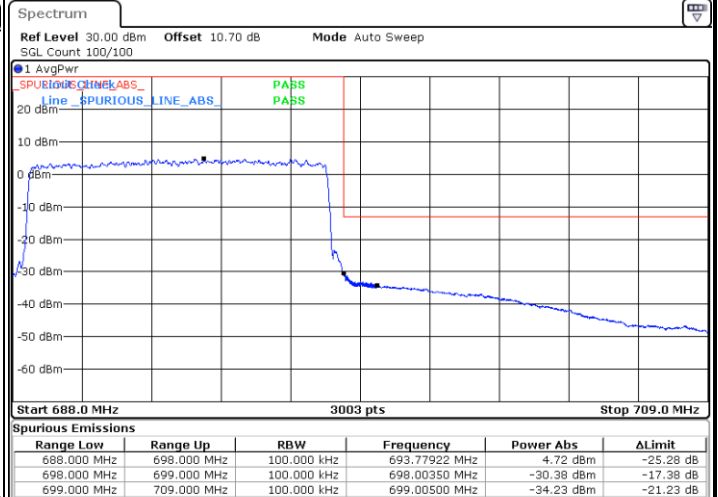
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



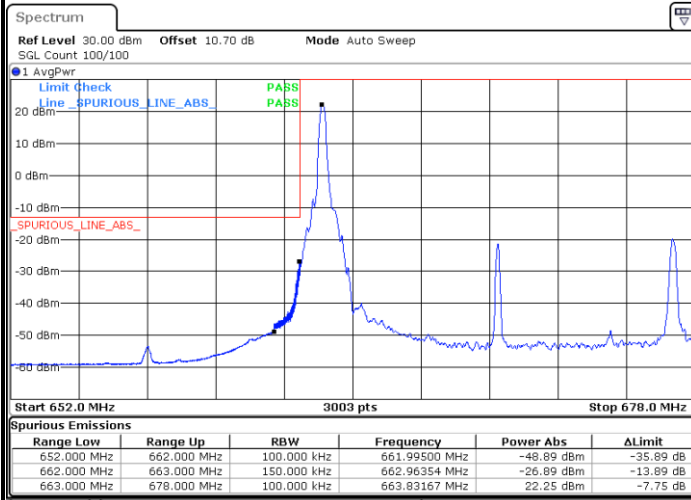
## Highest Band Edge / Full RB



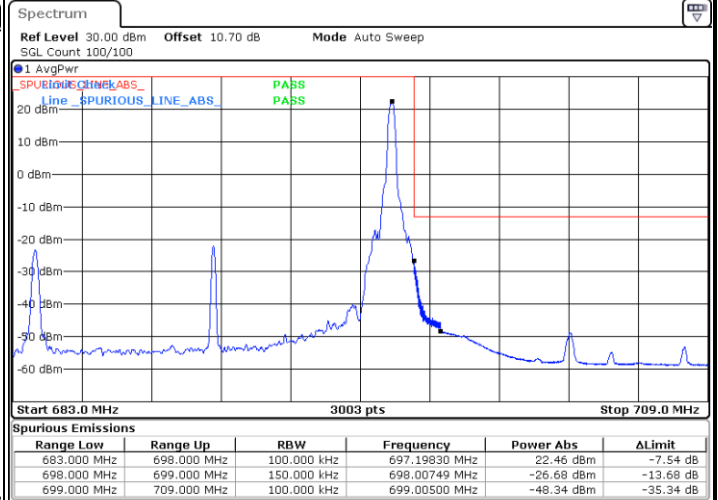


## LTE Band 71 / 15MHz / QPSK

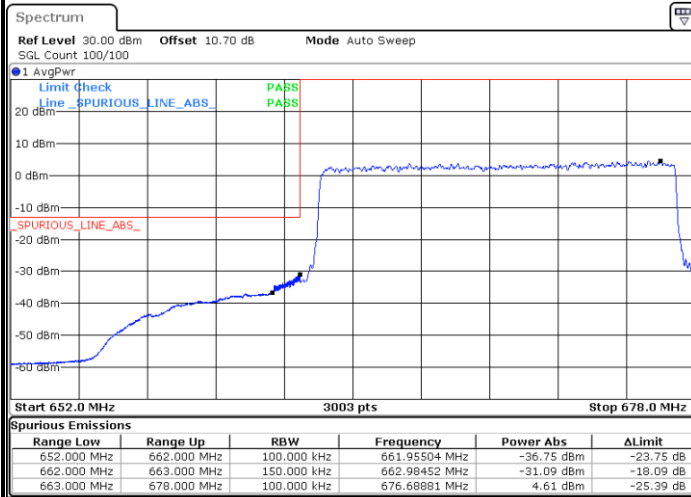
## Lowest Band Edge / 1 RB



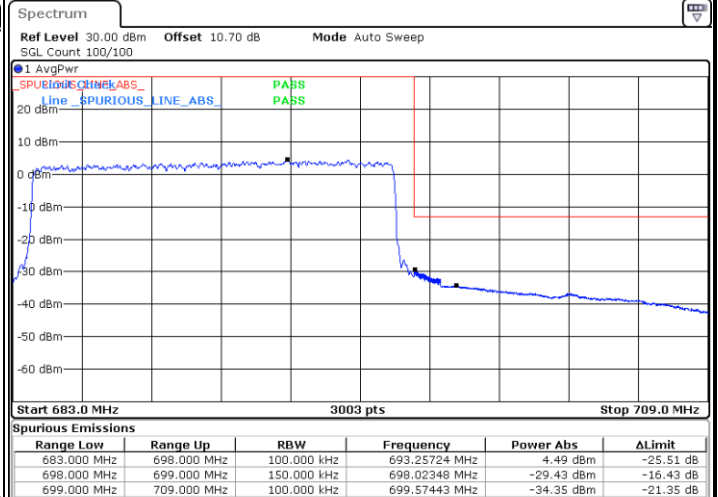
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



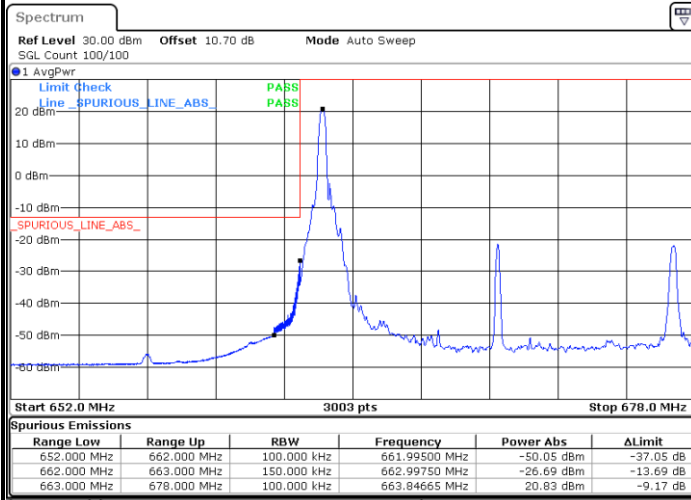
## Highest Band Edge / Full RB



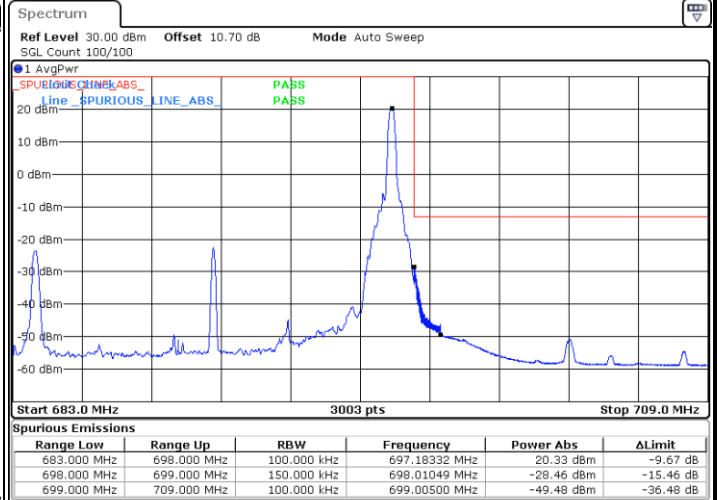


## LTE Band 71 / 15MHz / 16QAM

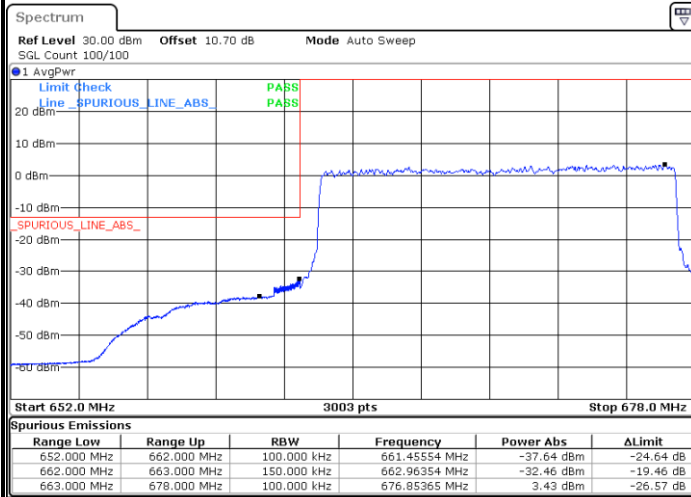
## Lowest Band Edge / 1 RB



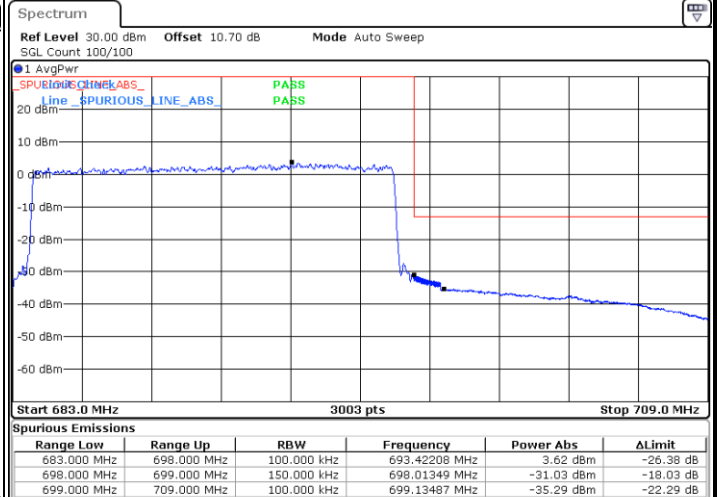
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



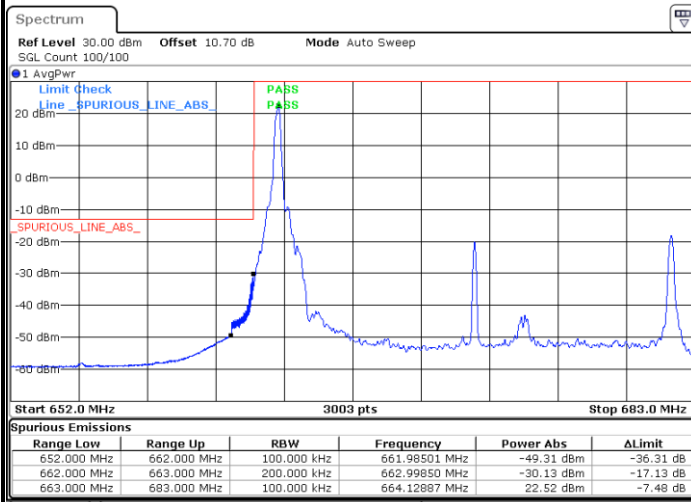
## Highest Band Edge / Full RB



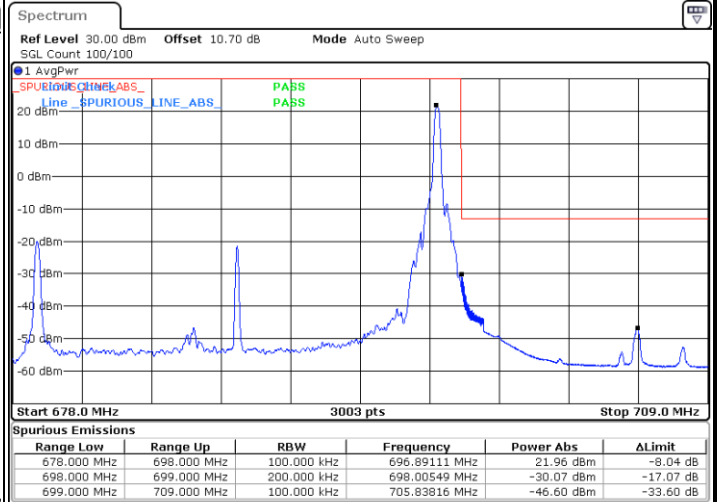


## LTE Band 71 / 20MHz / QPSK

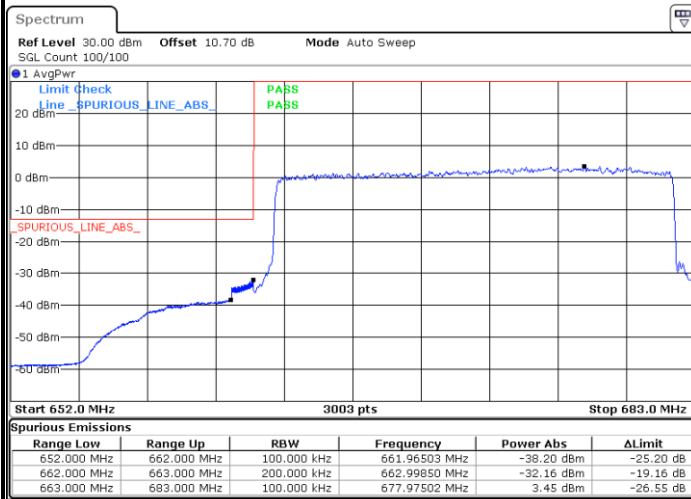
## Lowest Band Edge / 1 RB



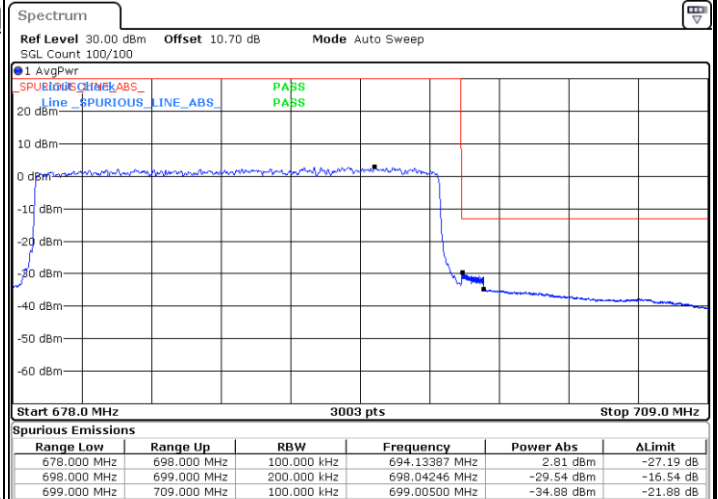
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



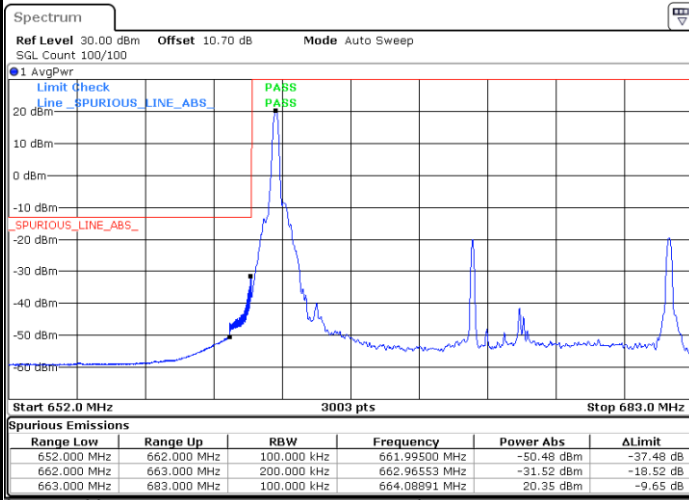
## Highest Band Edge / Full RB



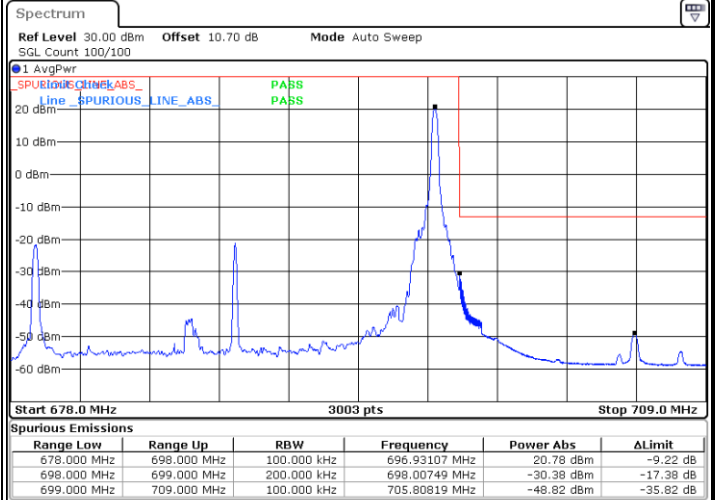


## LTE Band 71 / 20MHz / 16QAM

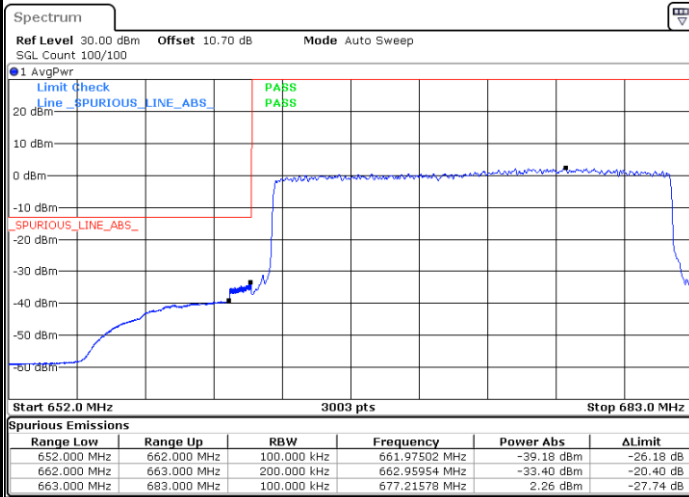
## Lowest Band Edge / 1 RB



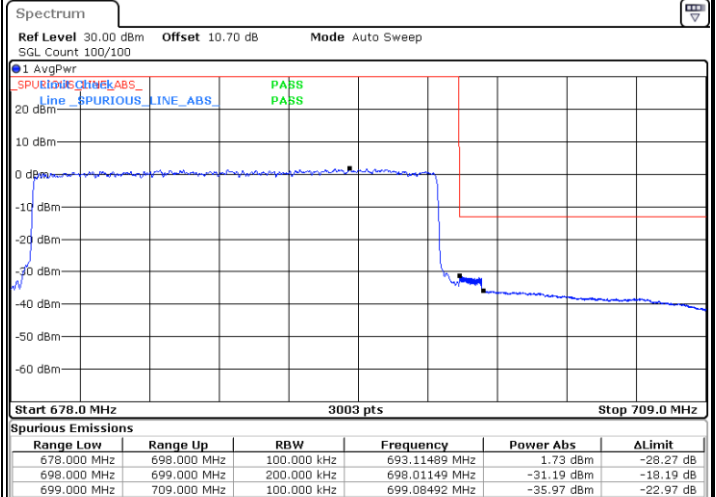
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

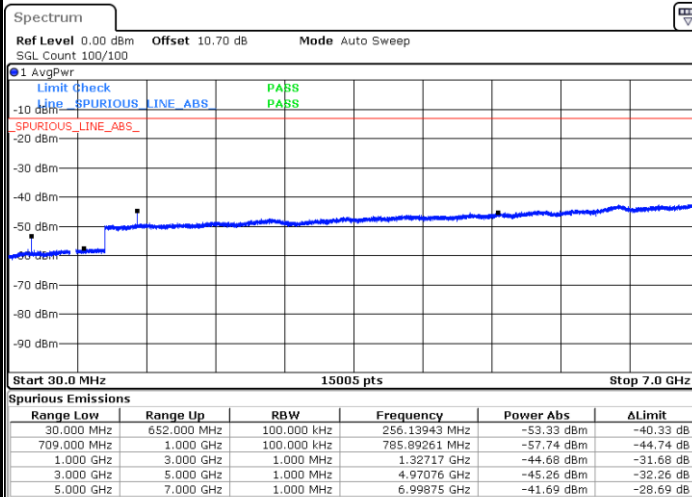




# Conducted Spurious Emission

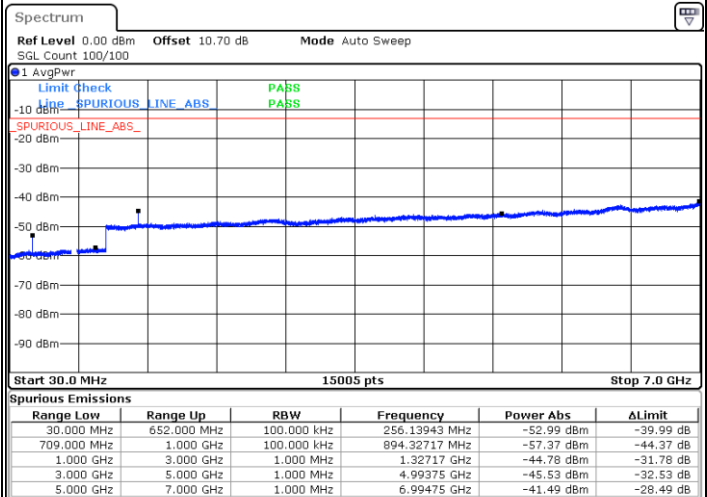
## LTE Band 71 / 5MHz

### Lowest Channel / QPSK



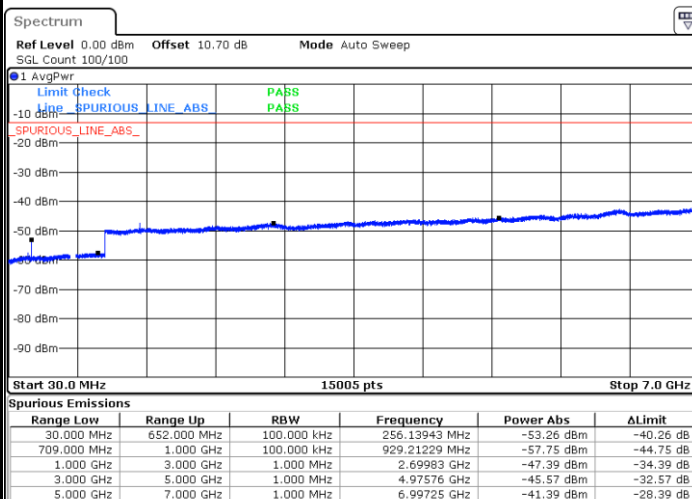
Date: 6.APR.2020 22:02:25

### Lowest Channel / 16QAM



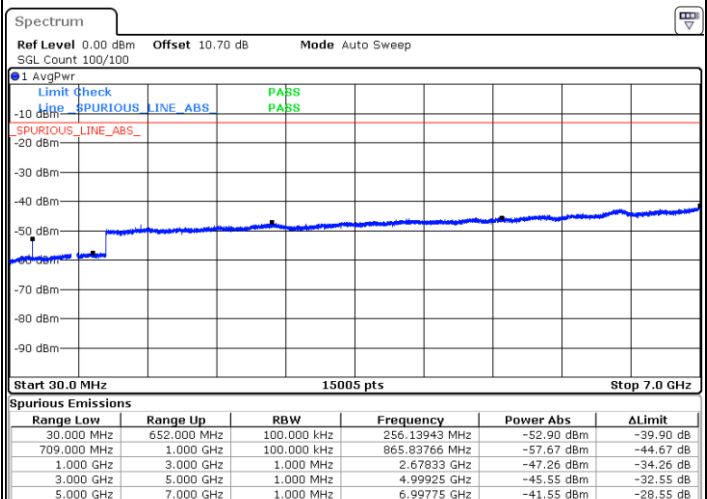
Date: 6.APR.2020 22:05:22

### Middle Channel / QPSK



Date: 6.APR.2020 21:13:38

### Middle Channel / 16QAM

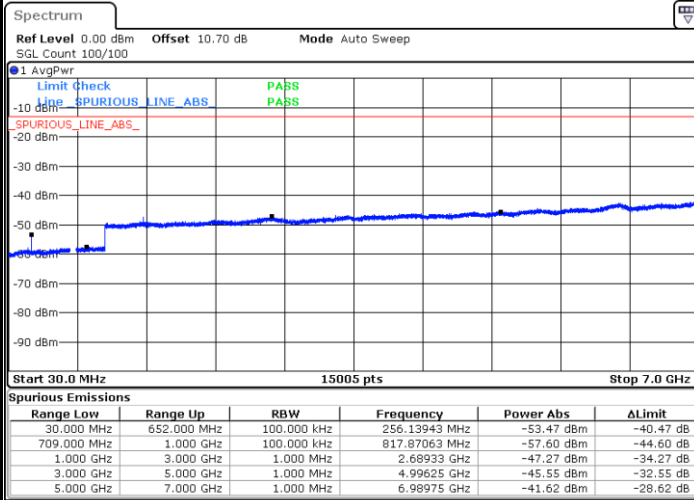


Date: 6.APR.2020 21:14:33



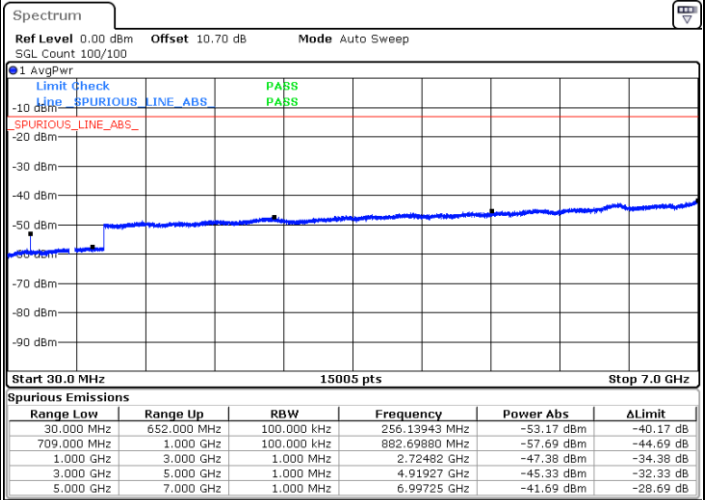
## LTE Band 71 / 5MHz

## Highest Channel / QPSK



Date: 7.APR.2020 00:38:20

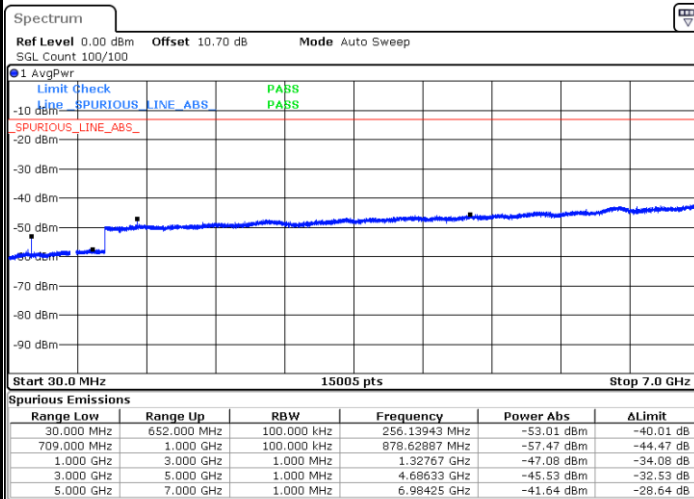
## Highest Channel / 16QAM



Date: 7.APR.2020 00:39:37

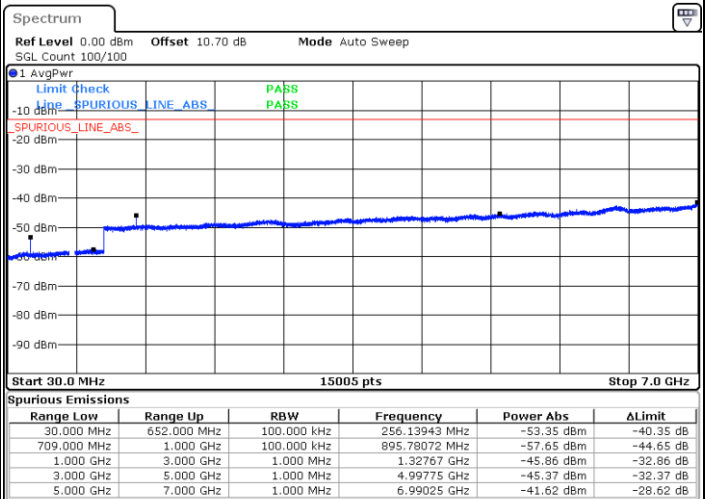
## LTE Band 71 / 10MHz

## Lowest Channel / QPSK



Date: 6.APR.2020 22:23:08

## Lowest Channel / 16QAM

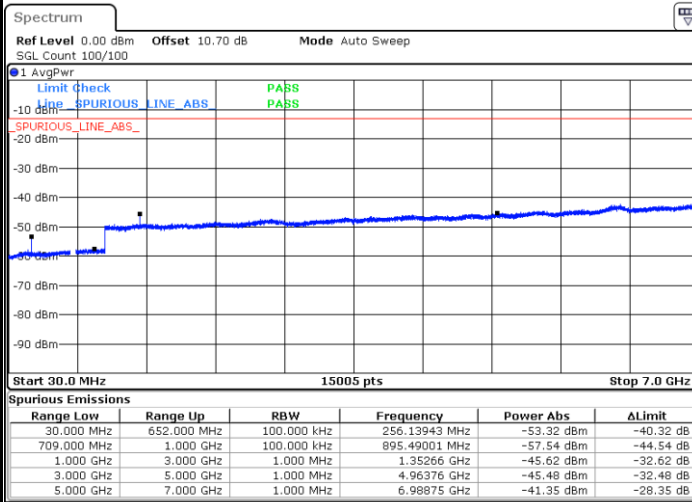


Date: 6.APR.2020 22:24:13



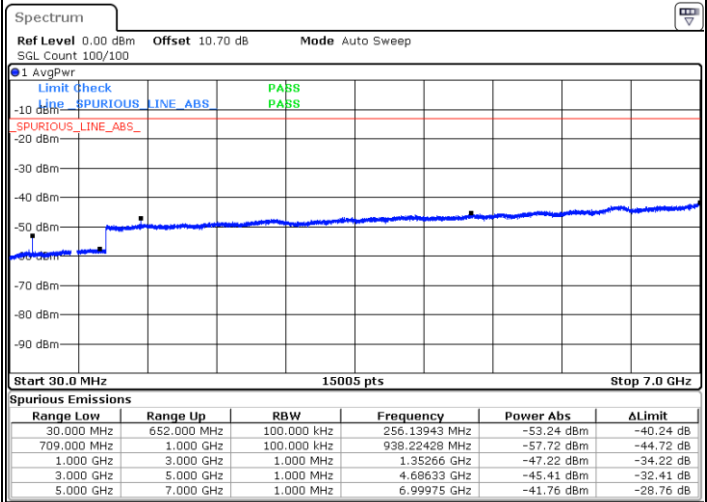
## LTE Band 71 / 10MHz

## Middle Channel / QPSK



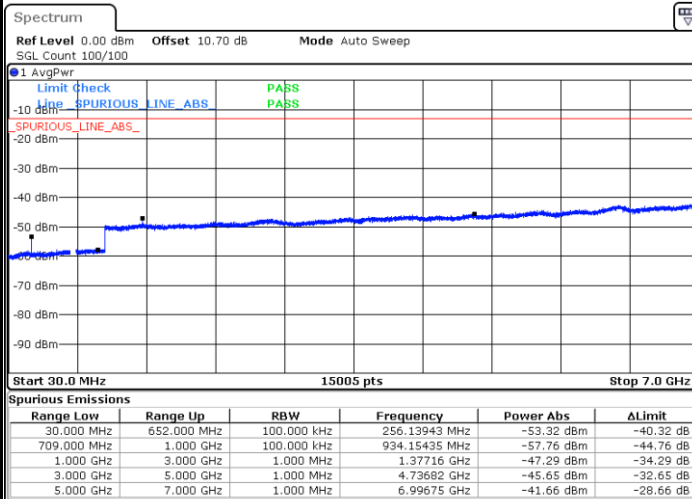
Date: 6.APR.2020 21:20:06

## Middle Channel / 16QAM



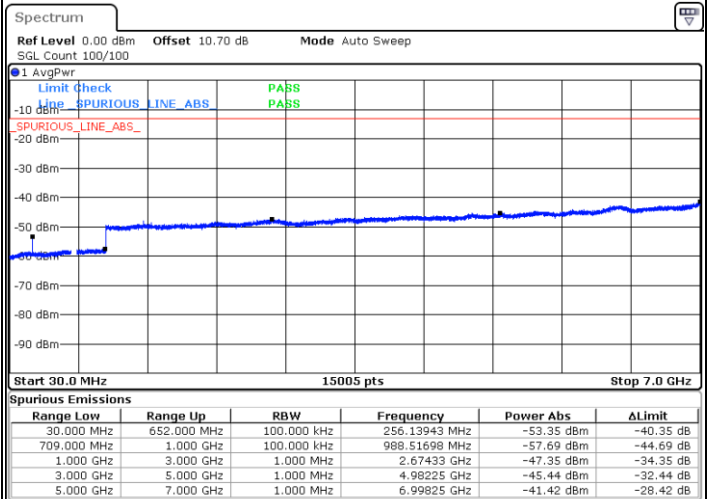
Date: 6.APR.2020 21:21:01

## Highest Channel / QPSK



Date: 7.APR.2020 01:04:37

## Highest Channel / 16QAM

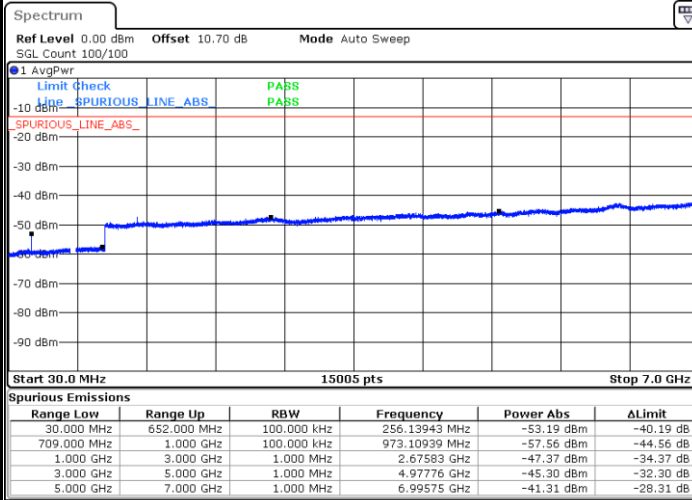


Date: 7.APR.2020 01:08:31



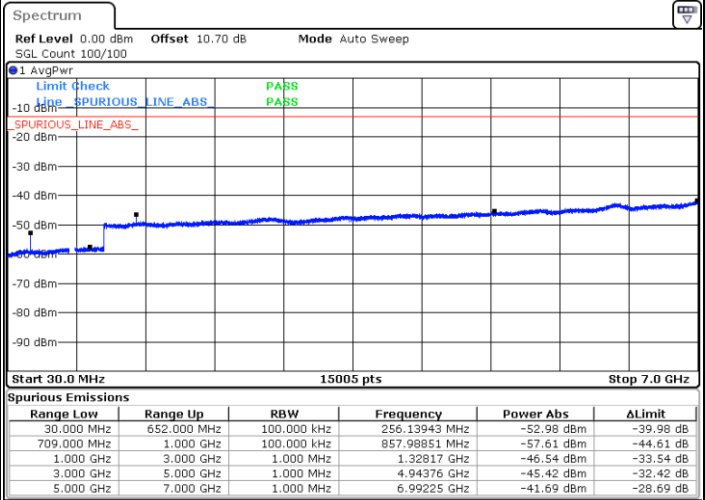
## LTE Band 71 / 15MHz

## Lowest Channel / QPSK



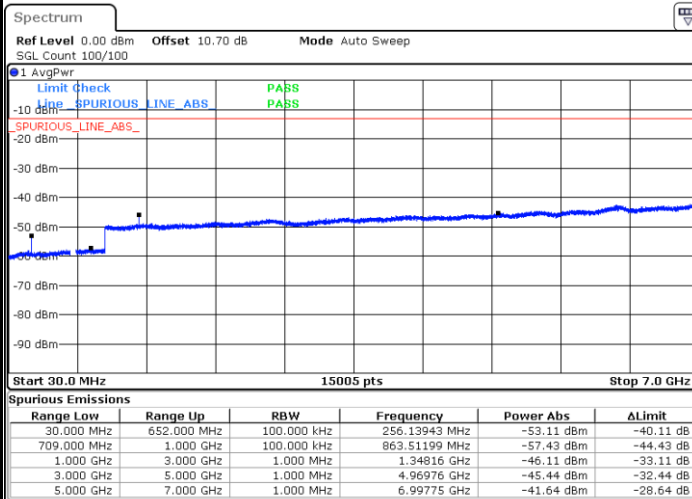
Date: 6.APR.2020 22:58:14

## Lowest Channel / 16QAM



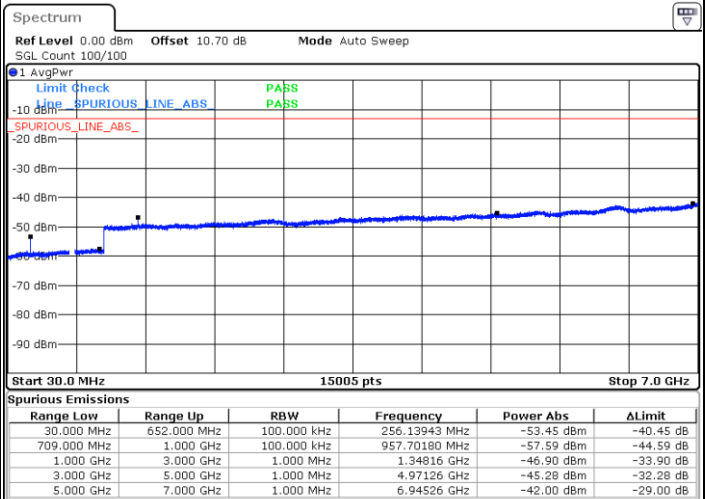
Date: 6.APR.2020 22:59:21

## Middle Channel / QPSK



Date: 6.APR.2020 21:26:50

## Middle Channel / 16QAM

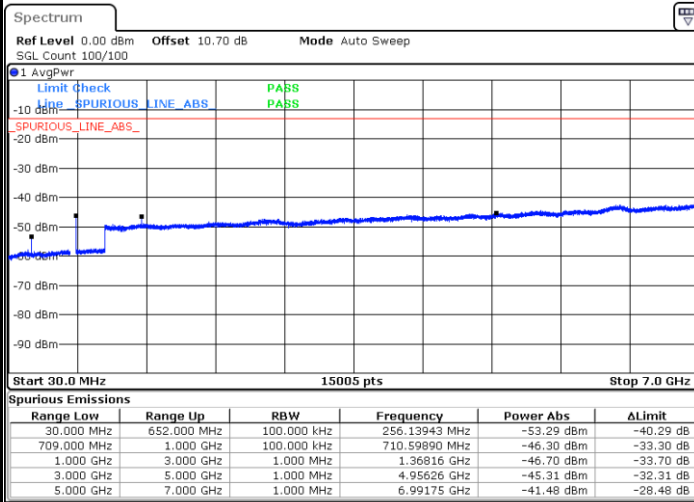


Date: 6.APR.2020 21:27:44



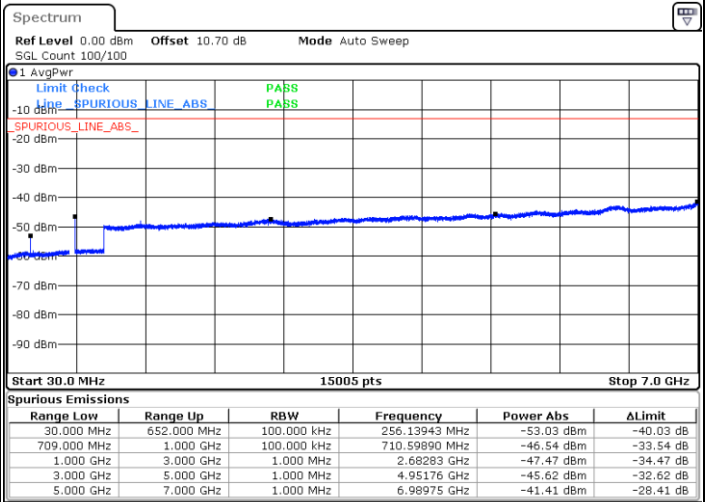
## LTE Band71 / 15MHz

## Highest Channel / QPSK



Date: 7.APR.2020 01:24:51

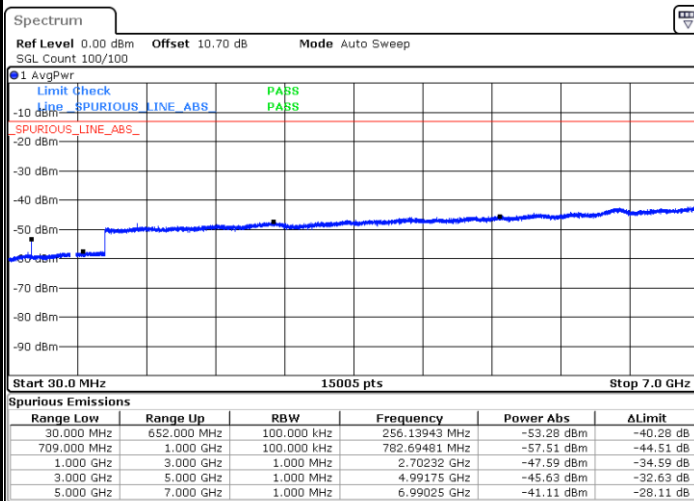
## Highest Channel / 16QAM



Date: 7.APR.2020 01:25:58

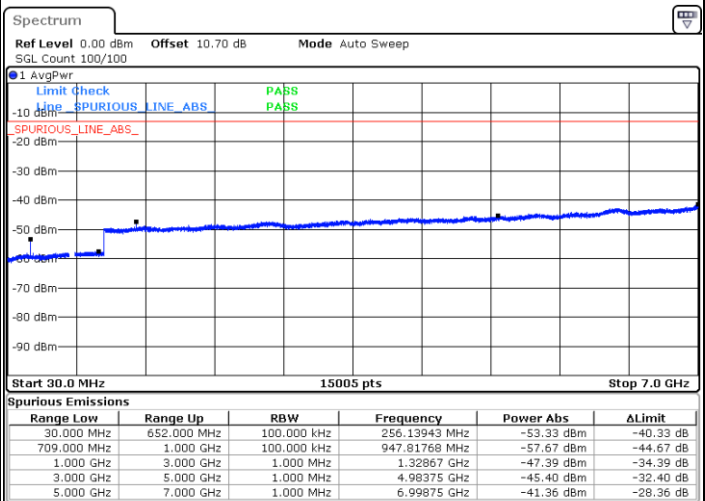
## LTE Band 71 / 20MHz

## Lowest Channel / QPSK



Date: 6.APR.2020 23:36:42

## Lowest Channel / 16QAM

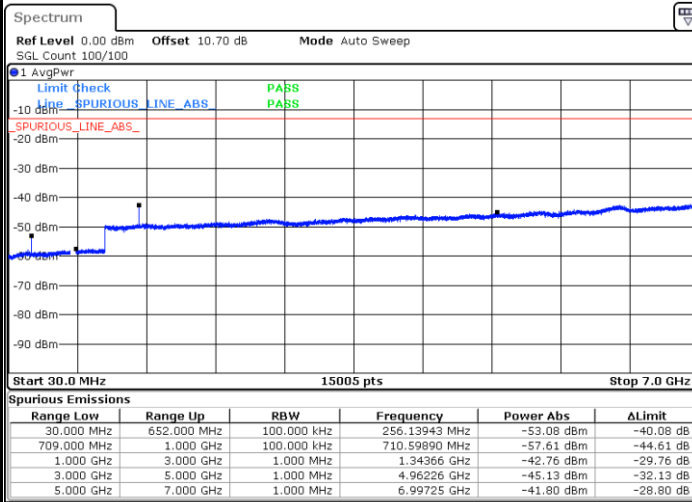


Date: 6.APR.2020 23:37:46



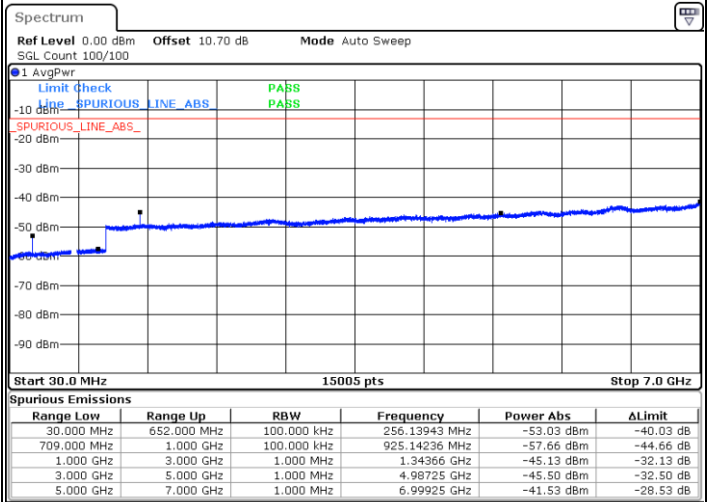
## LTE Band 71 / 20MHz

## Middle Channel / QPSK



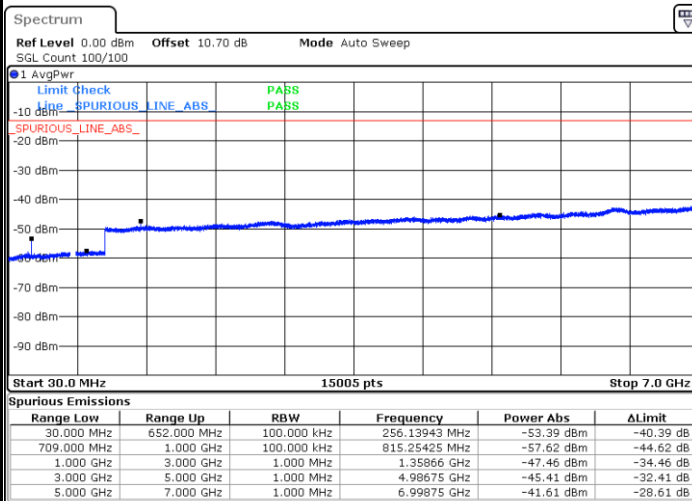
Date: 6.APR.2020 21:32:08

## Middle Channel / 16QAM



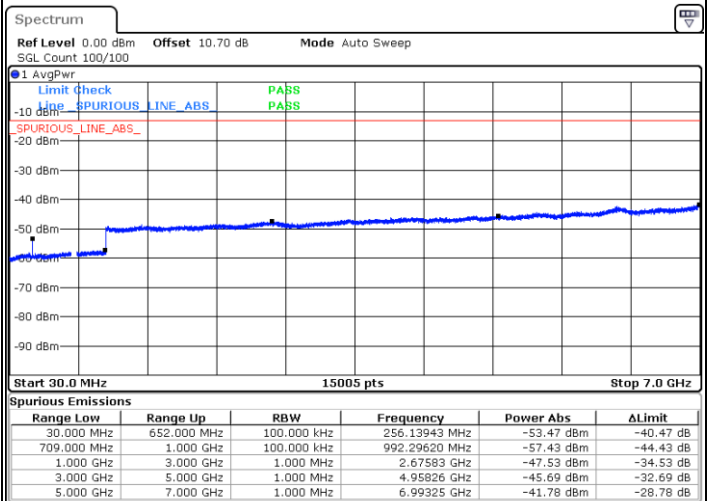
Date: 6.APR.2020 21:33:03

## Highest Channel / QPSK



Date: 7.APR.2020 02:19:57

## Highest Channel / 16QAM



Date: 7.APR.2020 02:21:06

## Frequency Stability

| Test Conditions  |                   | LTE Band 71 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0209                              | PASS    |
| 40               | Normal Voltage    | 0.0019                              |         |
| 30               | Normal Voltage    | 0.0160                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0209                              |         |
| 0                | Normal Voltage    | 0.0203                              |         |
| -10              | Normal Voltage    | 0.0181                              |         |
| -20              | Normal Voltage    | 0.0019                              |         |
| -30              | Normal Voltage    | 0.0234                              |         |
| 20               | Maximum Voltage   | 0.0056                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0046                              |         |

**Note:**

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



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

### ERP/EIRP

| LTE Band 2 / 1.4MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 3    | 1      | 23.48       | 0.2228        | 23.70     | 0.2344  |
| Middle                                            |           | 3    | 1      | 23.67       | 0.2328        | 23.89     | 0.2449  |
| Highest                                           |           | 3    | 1      | 23.71       | 0.2350        | 23.93     | 0.2472  |
| Lowest                                            | 16QAM     | 3    | 3      | 22.11       | 0.1626        | 22.33     | 0.1710  |
| Middle                                            |           | 3    | 3      | 22.74       | 0.1879        | 22.96     | 0.1977  |
| Highest                                           |           | 3    | 3      | 22.45       | 0.1758        | 22.67     | 0.1849  |
| Limit                                             | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 2 / 3MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|-------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                         | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                 |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                          | QPSK      | 1    | 8      | 23.22       | 0.2099        | 23.44     | 0.2208  |
| Middle                                          |           | 1    | 8      | 23.44       | 0.2208        | 23.66     | 0.2323  |
| Highest                                         |           | 1    | 8      | 23.18       | 0.2080        | 23.40     | 0.2188  |
| Lowest                                          | 16QAM     | 1    | 0      | 22.06       | 0.1607        | 22.28     | 0.1690  |
| Middle                                          |           | 1    | 0      | 22.63       | 0.1832        | 22.85     | 0.1928  |
| Highest                                         |           | 1    | 0      | 22.72       | 0.1871        | 22.94     | 0.1968  |
| Limit                                           | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 2 / 5MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|-------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                         | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                 |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                          | QPSK      | 1    | 12     | 23.54       | 0.2259        | 23.76     | 0.2377  |
| Middle                                          |           | 1    | 12     | 23.40       | 0.2188        | 23.62     | 0.2301  |
| Highest                                         |           | 1    | 12     | 23.76       | 0.2377        | 23.98     | 0.2500  |
| Lowest                                          | 16QAM     | 1    | 12     | 22.56       | 0.1803        | 22.78     | 0.1897  |
| Middle                                          |           | 1    | 12     | 22.90       | 0.1950        | 23.12     | 0.2051  |
| Highest                                         |           | 1    | 12     | 22.49       | 0.1774        | 22.71     | 0.1866  |
| Limit                                           | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 2 / 10MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 25     | 23.32       | 0.2148        | 23.54     | 0.2259  |
| Middle                                           |           | 1    | 25     | 23.59       | 0.2286        | 23.81     | 0.2404  |
| Highest                                          |           | 1    | 25     | 23.71       | 0.2350        | 23.93     | 0.2472  |
| Lowest                                           | 16QAM     | 1    | 25     | 22.73       | 0.1875        | 22.95     | 0.1972  |
| Middle                                           |           | 1    | 25     | 22.24       | 0.1675        | 22.46     | 0.1762  |
| Highest                                          |           | 1    | 25     | 22.56       | 0.1803        | 22.78     | 0.1897  |
| Limit                                            | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 2 / 15MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 37     | 23.50       | 0.2239        | 23.72     | 0.2355  |
| Middle                                           |           | 1    | 37     | 23.67       | 0.2328        | 23.89     | 0.2449  |
| Highest                                          |           | 1    | 37     | 23.61       | 0.2296        | 23.83     | 0.2415  |
| Lowest                                           | 16QAM     | 1    | 37     | 22.61       | 0.1824        | 22.83     | 0.1919  |
| Middle                                           |           | 1    | 37     | 22.42       | 0.1746        | 22.64     | 0.1837  |
| Highest                                          |           | 1    | 37     | 22.91       | 0.1954        | 23.13     | 0.2056  |
| Limit                                            | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 2 / 20MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 49     | 23.42       | 0.2198        | 23.64     | 0.2312  |
| Middle                                           |           | 1    | 49     | 23.78       | 0.2388        | 24.00     | 0.2512  |
| Highest                                          |           | 1    | 49     | 23.66       | 0.2323        | 23.88     | 0.2443  |
| Lowest                                           | 16QAM     | 1    | 49     | 22.64       | 0.1837        | 22.86     | 0.1932  |
| Middle                                           |           | 1    | 49     | 22.77       | 0.1892        | 22.99     | 0.1991  |
| Highest                                          |           | 1    | 49     | 22.19       | 0.1656        | 22.41     | 0.1742  |
| Limit                                            | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 25 / 1.4MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|----------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                            | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                    |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                             | QPSK      | 3    | 1      | 23.52       | 0.2249        | 23.74     | 0.2366  |
| Middle                                             |           | 3    | 1      | 23.44       | 0.2208        | 23.66     | 0.2323  |
| Highest                                            |           | 3    | 1      | 23.80       | 0.2399        | 24.02     | 0.2523  |
| Lowest                                             | 16QAM     | 3    | 3      | 22.38       | 0.1730        | 22.60     | 0.1820  |
| Middle                                             |           | 3    | 3      | 22.26       | 0.1683        | 22.48     | 0.1770  |
| Highest                                            |           | 3    | 3      | 22.81       | 0.1910        | 23.03     | 0.2009  |
| Limit                                              | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 25 / 3MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 8      | 23.36       | 0.2168        | 23.58     | 0.2280  |
| Middle                                           |           | 1    | 8      | 23.21       | 0.2094        | 23.43     | 0.2203  |
| Highest                                          |           | 1    | 8      | 23.76       | 0.2377        | 23.98     | 0.2500  |
| Lowest                                           | 16QAM     | 1    | 0      | 22.41       | 0.1742        | 22.63     | 0.1832  |
| Middle                                           |           | 1    | 0      | 22.66       | 0.1845        | 22.88     | 0.1941  |
| Highest                                          |           | 1    | 0      | 22.04       | 0.1600        | 22.26     | 0.1683  |
| Limit                                            | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 25 / 5MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 12     | 23.55       | 0.2265        | 23.77     | 0.2382  |
| Middle                                           |           | 1    | 12     | 23.42       | 0.2198        | 23.64     | 0.2312  |
| Highest                                          |           | 1    | 12     | 23.65       | 0.2317        | 23.87     | 0.2438  |
| Lowest                                           | 16QAM     | 1    | 0      | 22.48       | 0.1770        | 22.70     | 0.1862  |
| Middle                                           |           | 1    | 0      | 22.02       | 0.1592        | 22.24     | 0.1675  |
| Highest                                          |           | 1    | 0      | 22.41       | 0.1742        | 22.63     | 0.1832  |
| Limit                                            | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 25 / 10MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 1    | 25     | 23.54       | 0.2259        | 23.76     | 0.2377  |
| Middle                                            |           | 1    | 25     | 23.53       | 0.2254        | 23.75     | 0.2371  |
| Highest                                           |           | 1    | 25     | 23.73       | 0.2360        | 23.95     | 0.2483  |
| Lowest                                            | 16QAM     | 1    | 25     | 22.68       | 0.1854        | 22.90     | 0.1950  |
| Middle                                            |           | 1    | 25     | 22.13       | 0.1633        | 22.35     | 0.1718  |
| Highest                                           |           | 1    | 25     | 22.64       | 0.1837        | 22.86     | 0.1932  |
| Limit                                             | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 25 / 15MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 1    | 37     | 23.42       | 0.2198        | 23.64     | 0.2312  |
| Middle                                            |           | 1    | 37     | 23.69       | 0.2339        | 23.91     | 0.2460  |
| Highest                                           |           | 1    | 37     | 23.84       | 0.2421        | 24.06     | 0.2547  |
| Lowest                                            | 16QAM     | 1    | 0      | 22.67       | 0.1849        | 22.89     | 0.1945  |
| Middle                                            |           | 1    | 0      | 22.05       | 0.1603        | 22.27     | 0.1687  |
| Highest                                           |           | 1    | 0      | 22.09       | 0.1618        | 22.31     | 0.1702  |
| Limit                                             | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 25 / 20MHz (Average) (GT - LC = 0.22 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 1    | 49     | 23.43       | 0.2203        | 23.65     | 0.2317  |
| Middle                                            |           | 1    | 49     | 23.91       | 0.2460        | 24.13     | 0.2588  |
| Highest                                           |           | 1    | 49     | 23.46       | 0.2218        | 23.68     | 0.2333  |
| Lowest                                            | 16QAM     | 1    | 49     | 22.41       | 0.1742        | 22.63     | 0.1832  |
| Middle                                            |           | 1    | 49     | 22.24       | 0.1675        | 22.46     | 0.1762  |
| Highest                                           |           | 1    | 49     | 22.51       | 0.1782        | 22.73     | 0.1875  |
| Limit                                             | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 4 / 1.4MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 3    | 1      | 23.57       | 0.2275        | 23.82     | 0.2410  |
| Middle                                            |           | 3    | 1      | 23.77       | 0.2382        | 24.02     | 0.2523  |
| Highest                                           |           | 3    | 1      | 23.58       | 0.2280        | 23.83     | 0.2415  |
| Lowest                                            | 16QAM     | 3    | 1      | 22.38       | 0.1730        | 22.63     | 0.1832  |
| Middle                                            |           | 3    | 1      | 22.93       | 0.1963        | 23.18     | 0.2080  |
| Highest                                           |           | 3    | 1      | 22.67       | 0.1849        | 22.92     | 0.1959  |
| Limit                                             | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 3MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|-------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                         | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                 |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                          | QPSK      | 1    | 0      | 23.48       | 0.2228        | 23.73     | 0.2360  |
| Middle                                          |           | 1    | 0      | 23.63       | 0.2307        | 23.88     | 0.2443  |
| Highest                                         |           | 1    | 0      | 23.43       | 0.2203        | 23.68     | 0.2333  |
| Lowest                                          | 16QAM     | 1    | 14     | 22.00       | 0.1585        | 22.25     | 0.1679  |
| Middle                                          |           | 1    | 14     | 22.02       | 0.1592        | 22.27     | 0.1687  |
| Highest                                         |           | 1    | 14     | 22.59       | 0.1816        | 22.84     | 0.1923  |
| Limit                                           | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 5MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|-------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                         | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                 |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                          | QPSK      | 1    | 12     | 23.81       | 0.2404        | 24.06     | 0.2547  |
| Middle                                          |           | 1    | 12     | 23.60       | 0.2291        | 23.85     | 0.2427  |
| Highest                                         |           | 1    | 12     | 23.88       | 0.2443        | 24.13     | 0.2588  |
| Lowest                                          | 16QAM     | 1    | 12     | 22.25       | 0.1679        | 22.50     | 0.1778  |
| Middle                                          |           | 1    | 12     | 22.47       | 0.1766        | 22.72     | 0.1871  |
| Highest                                         |           | 1    | 12     | 22.51       | 0.1782        | 22.76     | 0.1888  |
| Limit                                           | EIRP < 1W |      |        | Result      |               | PASS      |         |



| LTE Band 4 / 10MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 25     | 23.73       | 0.2360        | 23.98     | 0.2500  |
| Middle                                           |           | 1    | 25     | 23.69       | 0.2339        | 23.94     | 0.2477  |
| Highest                                          |           | 1    | 25     | 23.92       | 0.2466        | 24.17     | 0.2612  |
| Lowest                                           | 16QAM     | 1    | 49     | 22.72       | 0.1871        | 22.97     | 0.1982  |
| Middle                                           |           | 1    | 49     | 22.11       | 0.1626        | 22.36     | 0.1722  |
| Highest                                          |           | 1    | 49     | 22.29       | 0.1694        | 22.54     | 0.1795  |
| Limit                                            | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 15MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 37     | 23.75       | 0.2371        | 24.00     | 0.2512  |
| Middle                                           |           | 1    | 37     | 23.69       | 0.2339        | 23.94     | 0.2477  |
| Highest                                          |           | 1    | 37     | 23.84       | 0.2421        | 24.09     | 0.2564  |
| Lowest                                           | 16QAM     | 1    | 0      | 22.08       | 0.1614        | 22.33     | 0.1710  |
| Middle                                           |           | 1    | 0      | 22.60       | 0.1820        | 22.85     | 0.1928  |
| Highest                                          |           | 1    | 0      | 22.63       | 0.1832        | 22.88     | 0.1941  |
| Limit                                            | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 4 / 20MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 49     | 23.75       | 0.2371        | 24.00     | 0.2512  |
| Middle                                           |           | 1    | 49     | 23.38       | 0.2178        | 23.63     | 0.2307  |
| Highest                                          |           | 1    | 49     | 23.97       | 0.2495        | 24.22     | 0.2642  |
| Lowest                                           | 16QAM     | 1    | 0      | 22.24       | 0.1675        | 22.49     | 0.1774  |
| Middle                                           |           | 1    | 0      | 22.27       | 0.1687        | 22.52     | 0.1786  |
| Highest                                          |           | 1    | 0      | 23.10       | 0.2042        | 23.35     | 0.2163  |
| Limit                                            | EIRP < 1W |      |        | Result      |               | PASS      |         |



| LTE Band 5 / 1.4MHz (Average) (GT - LC = -12.6 dB) |          |      |        |             |               |          |        |
|----------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                            | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                    |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                             | QPSK     | 3    | 0      | 24.07       | 0.2553        | 9.32     | 0.0086 |
| Middle                                             |          | 3    | 0      | 23.67       | 0.2328        | 8.92     | 0.0078 |
| Highest                                            |          | 3    | 0      | 23.72       | 0.2355        | 8.97     | 0.0079 |
| Lowest                                             | 16QAM    | 1    | 3      | 23.09       | 0.2037        | 8.34     | 0.0068 |
| Middle                                             |          | 1    | 3      | 22.37       | 0.1726        | 7.62     | 0.0058 |
| Highest                                            |          | 1    | 3      | 22.92       | 0.1959        | 8.17     | 0.0066 |
| Limit                                              | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 5 / 3MHz (Average) (GT - LC = -12.6 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 8      | 23.75       | 0.2371        | 9.00     | 0.0079 |
| Middle                                           |          | 1    | 8      | 23.51       | 0.2244        | 8.76     | 0.0075 |
| Highest                                          |          | 1    | 8      | 23.61       | 0.2296        | 8.86     | 0.0077 |
| Lowest                                           | 16QAM    | 1    | 0      | 22.36       | 0.1722        | 7.61     | 0.0058 |
| Middle                                           |          | 1    | 0      | 22.76       | 0.1888        | 8.01     | 0.0063 |
| Highest                                          |          | 1    | 0      | 22.69       | 0.1858        | 7.94     | 0.0062 |
| Limit                                            | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 5 / 5MHz (Average) (GT - LC = -12.6 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 12     | 24.02       | 0.2523        | 9.27     | 0.0085 |
| Middle                                           |          | 1    | 12     | 23.80       | 0.2399        | 9.05     | 0.0080 |
| Highest                                          |          | 1    | 12     | 23.67       | 0.2328        | 8.92     | 0.0078 |
| Lowest                                           | 16QAM    | 1    | 12     | 22.81       | 0.1910        | 8.06     | 0.0064 |
| Middle                                           |          | 1    | 12     | 23.05       | 0.2018        | 8.30     | 0.0068 |
| Highest                                          |          | 1    | 12     | 22.49       | 0.1774        | 7.74     | 0.0059 |
| Limit                                            | ERP < 7W |      |        | Result      |               | PASS     |        |



| LTE Band 5 / 10MHz (Average) (GT - LC = -12.6 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | 1    | 25     | 23.77       | 0.2382        | 9.02     | 0.0080 |
| Middle                                            |          | 1    | 25     | 23.55       | 0.2265        | 8.80     | 0.0076 |
| Highest                                           |          | 1    | 25     | 24.08       | 0.2559        | 9.33     | 0.0086 |
| Lowest                                            | 16QAM    | 1    | 25     | 22.72       | 0.1871        | 7.97     | 0.0063 |
| Middle                                            |          | 1    | 25     | 22.95       | 0.1972        | 8.20     | 0.0066 |
| Highest                                           |          | 1    | 25     | 23.09       | 0.2037        | 8.34     | 0.0068 |
| Limit                                             | ERP < 7W |      |        | Result      |               | PASS     |        |



| LTE Band 12 / 1.4MHz (Average) (GT - LC = -5 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 5      | 24.38       | 0.2742        | 17.23    | 0.0528 |
| Middle                                           |          | 1    | 5      | 24.65       | 0.2917        | 17.50    | 0.0562 |
| Highest                                          |          | 1    | 5      | 24.57       | 0.2864        | 17.42    | 0.0552 |
| Lowest                                           | 16QAM    | 1    | 3      | 23.23       | 0.2104        | 16.08    | 0.0406 |
| Middle                                           |          | 1    | 3      | 23.86       | 0.2432        | 16.71    | 0.0469 |
| Highest                                          |          | 1    | 3      | 23.19       | 0.2084        | 16.04    | 0.0402 |
| Limit                                            | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 12 / 3MHz (Average) (GT - LC = -5 dB) |          |      |        |             |               |          |        |
|------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                        | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                         | QPSK     | 1    | 8      | 24.24       | 0.2655        | 17.09    | 0.0512 |
| Middle                                         |          | 1    | 8      | 24.42       | 0.2767        | 17.27    | 0.0533 |
| Highest                                        |          | 1    | 8      | 24.65       | 0.2917        | 17.50    | 0.0562 |
| Lowest                                         | 16QAM    | 1    | 14     | 22.95       | 0.1972        | 15.80    | 0.0380 |
| Middle                                         |          | 1    | 14     | 23.75       | 0.2371        | 16.60    | 0.0457 |
| Highest                                        |          | 1    | 14     | 22.95       | 0.1972        | 15.80    | 0.0380 |
| Limit                                          | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 12 / 5MHz (Average) (GT - LC = -5 dB) |          |      |        |             |               |          |        |
|------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                        | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                         | QPSK     | 1    | 12     | 24.33       | 0.2710        | 17.18    | 0.0522 |
| Middle                                         |          | 1    | 12     | 24.43       | 0.2773        | 17.28    | 0.0535 |
| Highest                                        |          | 1    | 12     | 24.64       | 0.2911        | 17.49    | 0.0561 |
| Lowest                                         | 16QAM    | 1    | 24     | 22.95       | 0.1972        | 15.80    | 0.0380 |
| Middle                                         |          | 1    | 24     | 23.73       | 0.2360        | 16.58    | 0.0455 |
| Highest                                        |          | 1    | 24     | 22.87       | 0.1936        | 15.72    | 0.0373 |
| Limit                                          | ERP < 3W |      |        | Result      |               | PASS     |        |



| LTE Band 12 / 10MHz (Average) (GT - LC = -5 dB) |          |      |        |             |               |          |        |
|-------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                         | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                 |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                          | QPSK     | 1    | 25     | 24.44       | 0.2780        | 17.29    | 0.0536 |
| Middle                                          |          | 1    | 25     | 24.67       | 0.2931        | 17.52    | 0.0565 |
| Highest                                         |          | 1    | 25     | 24.66       | 0.2924        | 17.51    | 0.0564 |
| Lowest                                          | 16QAM    | 1    | 49     | 23.10       | 0.2042        | 15.95    | 0.0394 |
| Middle                                          |          | 1    | 49     | 23.85       | 0.2427        | 16.70    | 0.0468 |
| Highest                                         |          | 1    | 49     | 23.07       | 0.2028        | 15.92    | 0.0391 |
| Limit                                           | ERP < 3W |      |        | Result      |               | PASS     |        |



| LTE Band 41 / 5MHz (Average) (GT - LC = -0.33 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 1    | 12     | 23.23       | 0.2104        | 22.90     | 0.1950  |
| Middle                                            |           | 1    | 12     | 23.00       | 0.1995        | 22.67     | 0.1849  |
| Highest                                           |           | 1    | 12     | 22.82       | 0.1914        | 22.49     | 0.1774  |
| Lowest                                            | 16QAM     | 1    | 12     | 21.85       | 0.1531        | 21.52     | 0.1419  |
| Middle                                            |           | 1    | 12     | 21.83       | 0.1524        | 21.50     | 0.1413  |
| Highest                                           |           | 1    | 12     | 21.60       | 0.1445        | 21.27     | 0.1340  |
| Limit                                             | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 41 / 10MHz (Average) (GT - LC = -0.33 dB) |           |      |        |             |               |           |         |
|----------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                            | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                    |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                             | QPSK      | 1    | 25     | 23.16       | 0.2070        | 22.83     | 0.1919  |
| Middle                                             |           | 1    | 25     | 22.90       | 0.1950        | 22.57     | 0.1807  |
| Highest                                            |           | 1    | 25     | 22.91       | 0.1954        | 22.58     | 0.1811  |
| Lowest                                             | 16QAM     | 1    | 25     | 21.93       | 0.1560        | 21.60     | 0.1445  |
| Middle                                             |           | 1    | 25     | 21.81       | 0.1517        | 21.48     | 0.1406  |
| Highest                                            |           | 1    | 25     | 21.71       | 0.1483        | 21.38     | 0.1374  |
| Limit                                              | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 41 / 15MHz (Average) (GT - LC = -0.33 dB) |           |      |        |             |               |           |         |
|----------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                            | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                    |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                             | QPSK      | 1    | 37     | 23.10       | 0.2042        | 22.77     | 0.1892  |
| Middle                                             |           | 1    | 37     | 23.00       | 0.1995        | 22.67     | 0.1849  |
| Highest                                            |           | 1    | 37     | 22.90       | 0.1950        | 22.57     | 0.1807  |
| Lowest                                             | 16QAM     | 1    | 37     | 21.84       | 0.1528        | 21.51     | 0.1416  |
| Middle                                             |           | 1    | 37     | 21.77       | 0.1503        | 21.44     | 0.1393  |
| Highest                                            |           | 1    | 37     | 21.69       | 0.1476        | 21.36     | 0.1368  |
| Limit                                              | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 41 / 20MHz (Average) (GT - LC = -0.33 dB) |           |      |        |             |               |           |         |
|----------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                            | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                    |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                             | QPSK      | 1    | 49     | 23.74       | 0.2366        | 23.41     | 0.2193  |
| Middle                                             |           | 1    | 49     | 23.67       | 0.2328        | 23.34     | 0.2158  |
| Highest                                            |           | 1    | 49     | 23.56       | 0.2270        | 23.23     | 0.2104  |
| Lowest                                             | 16QAM     | 1    | 49     | 22.47       | 0.1766        | 22.14     | 0.1637  |
| Middle                                             |           | 1    | 49     | 22.28       | 0.1690        | 21.95     | 0.1567  |
| Highest                                            |           | 1    | 49     | 22.21       | 0.1663        | 21.88     | 0.1542  |
| Limit                                              | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 41(HPUE) / 5MHz (Average) (GT - LC = -0.33 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                                 | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                         |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                                  | QPSK      | 1    | 24     | 25.80       | 0.3802        | 25.47     | 0.3524  |
| Middle                                                  |           | 1    | 24     | 25.82       | 0.3819        | 25.49     | 0.3540  |
| Highest                                                 |           | 1    | 24     | 25.79       | 0.3793        | 25.46     | 0.3516  |
| Lowest                                                  | 16QAM     | 1    | 12     | 24.81       | 0.3027        | 24.48     | 0.2805  |
| Middle                                                  |           | 1    | 12     | 24.66       | 0.2924        | 24.33     | 0.2710  |
| Highest                                                 |           | 1    | 12     | 24.61       | 0.2891        | 24.28     | 0.2679  |
| Limit                                                   | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 41(HPUE) / 10MHz (Average) (GT - LC = -0.33 dB) |           |      |        |             |               |           |         |
|----------------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                                  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                          |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                                   | QPSK      | 1    | 25     | 25.73       | 0.3741        | 25.40     | 0.3467  |
| Middle                                                   |           | 1    | 25     | 25.53       | 0.3573        | 25.20     | 0.3311  |
| Highest                                                  |           | 1    | 25     | 25.84       | 0.3837        | 25.51     | 0.3556  |
| Lowest                                                   | 16QAM     | 1    | 25     | 24.79       | 0.3013        | 24.46     | 0.2793  |
| Middle                                                   |           | 1    | 25     | 24.70       | 0.2951        | 24.37     | 0.2735  |
| Highest                                                  |           | 1    | 25     | 24.77       | 0.2999        | 24.44     | 0.2780  |
| Limit                                                    | EIRP < 2W |      |        | Result      |               | PASS      |         |

| LTE Band 41(HPUE) / 15MHz (Average) (GT - LC = -0.33 dB) |           |      |        |             |               |           |         |
|----------------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                                  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                          |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                                   | QPSK      | 1    | 74     | 25.89       | 0.3882        | 25.56     | 0.3597  |
| Middle                                                   |           | 1    | 74     | 25.84       | 0.3837        | 25.51     | 0.3556  |
| Highest                                                  |           | 1    | 74     | 25.75       | 0.3758        | 25.42     | 0.3483  |
| Lowest                                                   | 16QAM     | 1    | 37     | 24.85       | 0.3055        | 24.52     | 0.2831  |
| Middle                                                   |           | 1    | 37     | 24.78       | 0.3006        | 24.45     | 0.2786  |
| Highest                                                  |           | 1    | 37     | 24.80       | 0.3020        | 24.47     | 0.2799  |
| Limit                                                    | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 41(HPUE) / 20MHz (Average) (GT - LC = -0.33 dB) |           |      |        |             |               |           |         |
|----------------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                                  | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                          |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                                   | QPSK      | 1    | 99     | 25.90       | 0.3890        | 25.57     | 0.3606  |
| Middle                                                   |           | 1    | 99     | 25.90       | 0.3890        | 25.57     | 0.3606  |
| Highest                                                  |           | 1    | 99     | 25.85       | 0.3846        | 25.52     | 0.3565  |
| Lowest                                                   | 16QAM     | 1    | 49     | 24.89       | 0.3083        | 24.56     | 0.2858  |
| Middle                                                   |           | 1    | 49     | 24.79       | 0.3013        | 24.46     | 0.2793  |
| Highest                                                  |           | 1    | 49     | 24.80       | 0.3020        | 24.47     | 0.2799  |
| Limit                                                    | EIRP < 2W |      |        | Result      |               | PASS      |         |



| LTE Band 26 / 1.4MHz (Average) (GT - LC = -12.6 dB) |          |      |        |             |               |          |        |
|-----------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                             | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                     |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                              | QPSK     | 3    | 0      | 24.86       | 0.3062        | 10.11    | 0.0103 |
| Middle                                              |          | 3    | 0      | 24.59       | 0.2877        | 9.84     | 0.0096 |
| Highest                                             |          | 3    | 0      | 24.65       | 0.2917        | 9.90     | 0.0098 |
| Lowest                                              | 16QAM    | 1    | 3      | 23.96       | 0.2489        | 9.21     | 0.0083 |
| Middle                                              |          | 1    | 3      | 23.56       | 0.2270        | 8.81     | 0.0076 |
| Highest                                             |          | 1    | 3      | 23.37       | 0.2173        | 8.62     | 0.0073 |
| Limit                                               | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 26 / 3MHz (Average) (GT - LC = -12.6 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | 1    | 0      | 24.66       | 0.2924        | 9.91     | 0.0098 |
| Middle                                            |          | 1    | 0      | 24.62       | 0.2897        | 9.87     | 0.0097 |
| Highest                                           |          | 1    | 0      | 24.70       | 0.2951        | 9.95     | 0.0099 |
| Lowest                                            | 16QAM    | 1    | 0      | 23.57       | 0.2275        | 8.82     | 0.0076 |
| Middle                                            |          | 1    | 0      | 23.04       | 0.2014        | 8.29     | 0.0067 |
| Highest                                           |          | 1    | 0      | 23.08       | 0.2032        | 8.33     | 0.0068 |
| Limit                                             | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 26 / 5MHz (Average) (GT - LC = -12.6 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | 1    | 12     | 24.87       | 0.3069        | 10.12    | 0.0103 |
| Middle                                            |          | 1    | 12     | 24.74       | 0.2979        | 9.99     | 0.0100 |
| Highest                                           |          | 1    | 12     | 24.73       | 0.2972        | 9.98     | 0.0100 |
| Lowest                                            | 16QAM    | 1    | 0      | 23.32       | 0.2148        | 8.57     | 0.0072 |
| Middle                                            |          | 1    | 0      | 23.16       | 0.2070        | 8.41     | 0.0069 |
| Highest                                           |          | 1    | 0      | 23.76       | 0.2377        | 9.01     | 0.0080 |
| Limit                                             | ERP < 7W |      |        | Result      |               | PASS     |        |



| LTE Band 26 / 10MHz (Average) (GT - LC = -12.6 dB) |          |      |        |             |               |          |        |
|----------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                            | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                    |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                             | QPSK     | 1    | 25     | 24.72       | 0.2965        | 9.97     | 0.0099 |
| Middle                                             |          | 1    | 25     | 24.68       | 0.2938        | 9.93     | 0.0098 |
| Highest                                            |          | 1    | 25     | 24.85       | 0.3055        | 10.10    | 0.0102 |
| Lowest                                             | 16QAM    | 1    | 25     | 23.57       | 0.2275        | 8.82     | 0.0076 |
| Middle                                             |          | 1    | 25     | 23.34       | 0.2158        | 8.59     | 0.0072 |
| Highest                                            |          | 1    | 25     | 23.46       | 0.2218        | 8.71     | 0.0074 |
| Limit                                              | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 26 / 15MHz (Average) (GT - LC = -12.6 dB) |          |      |        |             |               |          |        |
|----------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                            | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                    |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                             | QPSK     | 1    | 37     | 24.78       | 0.3006        | 10.03    | 0.0101 |
| Middle                                             |          | 1    | 37     | 24.88       | 0.3076        | 10.13    | 0.0103 |
| Highest                                            |          | 1    | 37     | 24.74       | 0.2979        | 9.99     | 0.0100 |
| Lowest                                             | 16QAM    | 1    | 37     | 23.82       | 0.2410        | 9.07     | 0.0081 |
| Middle                                             |          | 1    | 37     | 23.15       | 0.2065        | 8.40     | 0.0069 |
| Highest                                            |          | 1    | 37     | 23.83       | 0.2415        | 9.08     | 0.0081 |
| Limit                                              | ERP < 7W |      |        | Result      |               | PASS     |        |



| LTE Band 66 / 1.4MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|----------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                            | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                    |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                             | QPSK      | 3    | 1      | 23.49       | 0.2234        | 23.74     | 0.2366  |
| Middle                                             |           | 3    | 1      | 23.60       | 0.2291        | 23.85     | 0.2427  |
| Highest                                            |           | 3    | 1      | 23.42       | 0.2198        | 23.67     | 0.2328  |
| Lowest                                             | 16QAM     | 1    | 0      | 22.60       | 0.1820        | 22.85     | 0.1928  |
| Middle                                             |           | 1    | 0      | 22.71       | 0.1866        | 22.96     | 0.1977  |
| Highest                                            |           | 1    | 0      | 22.09       | 0.1618        | 22.34     | 0.1714  |
| Limit                                              | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 3MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 8      | 23.64       | 0.2312        | 23.89     | 0.2449  |
| Middle                                           |           | 1    | 8      | 23.44       | 0.2208        | 23.69     | 0.2339  |
| Highest                                          |           | 1    | 8      | 23.38       | 0.2178        | 23.63     | 0.2307  |
| Lowest                                           | 16QAM     | 1    | 8      | 22.53       | 0.1791        | 22.78     | 0.1897  |
| Middle                                           |           | 1    | 8      | 22.04       | 0.1600        | 22.29     | 0.1694  |
| Highest                                          |           | 1    | 8      | 22.08       | 0.1614        | 22.33     | 0.1710  |
| Limit                                            | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 5MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|--------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                          | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                  |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                           | QPSK      | 1    | 12     | 23.53       | 0.2254        | 23.78     | 0.2388  |
| Middle                                           |           | 1    | 12     | 23.49       | 0.2234        | 23.74     | 0.2366  |
| Highest                                          |           | 1    | 12     | 23.41       | 0.2193        | 23.66     | 0.2323  |
| Lowest                                           | 16QAM     | 1    | 12     | 22.25       | 0.1679        | 22.50     | 0.1778  |
| Middle                                           |           | 1    | 12     | 22.23       | 0.1671        | 22.48     | 0.1770  |
| Highest                                          |           | 1    | 12     | 22.79       | 0.1901        | 23.04     | 0.2014  |
| Limit                                            | EIRP < 1W |      |        | Result      |               | PASS      |         |



| LTE Band 66 / 10MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 1    | 25     | 23.64       | 0.2312        | 23.89     | 0.2449  |
| Middle                                            |           | 1    | 25     | 23.63       | 0.2307        | 23.88     | 0.2443  |
| Highest                                           |           | 1    | 25     | 23.52       | 0.2249        | 23.77     | 0.2382  |
| Lowest                                            | 16QAM     | 1    | 25     | 22.24       | 0.1675        | 22.49     | 0.1774  |
| Middle                                            |           | 1    | 25     | 22.24       | 0.1675        | 22.49     | 0.1774  |
| Highest                                           |           | 1    | 25     | 22.14       | 0.1637        | 22.39     | 0.1734  |
| Limit                                             | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 15MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 1    | 37     | 23.67       | 0.2328        | 23.92     | 0.2466  |
| Middle                                            |           | 1    | 37     | 23.51       | 0.2244        | 23.76     | 0.2377  |
| Highest                                           |           | 1    | 37     | 23.64       | 0.2312        | 23.89     | 0.2449  |
| Lowest                                            | 16QAM     | 1    | 0      | 22.08       | 0.1614        | 22.33     | 0.1710  |
| Middle                                            |           | 1    | 0      | 22.84       | 0.1923        | 23.09     | 0.2037  |
| Highest                                           |           | 1    | 0      | 22.07       | 0.1611        | 22.32     | 0.1706  |
| Limit                                             | EIRP < 1W |      |        | Result      |               | PASS      |         |

| LTE Band 66 / 20MHz (Average) (GT - LC = 0.25 dB) |           |      |        |             |               |           |         |
|---------------------------------------------------|-----------|------|--------|-------------|---------------|-----------|---------|
| Channel                                           | Mode      | RB   |        | Conducted   |               | EIRP      |         |
|                                                   |           | Size | Offset | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest                                            | QPSK      | 1    | 49     | 23.56       | 0.2270        | 23.81     | 0.2404  |
| Middle                                            |           | 1    | 49     | 23.79       | 0.2393        | 24.04     | 0.2535  |
| Highest                                           |           | 1    | 49     | 23.59       | 0.2286        | 23.84     | 0.2421  |
| Lowest                                            | 16QAM     | 1    | 49     | 22.93       | 0.1963        | 23.18     | 0.2080  |
| Middle                                            |           | 1    | 49     | 22.16       | 0.1644        | 22.41     | 0.1742  |
| Highest                                           |           | 1    | 49     | 22.70       | 0.1862        | 22.95     | 0.1972  |
| Limit                                             | EIRP < 1W |      |        | Result      |               | PASS      |         |



| LTE Band 71 / 5MHz (Average) (GT - LC = -3.15 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | 1    | 12     | 24.74       | 0.2979        | 19.44    | 0.0879 |
| Middle                                            |          | 1    | 12     | 24.72       | 0.2965        | 19.42    | 0.0875 |
| Highest                                           |          | 1    | 12     | 24.85       | 0.3055        | 19.55    | 0.0902 |
| Lowest                                            | 16QAM    | 1    | 12     | 23.18       | 0.2080        | 17.88    | 0.0614 |
| Middle                                            |          | 1    | 12     | 23.62       | 0.2301        | 18.32    | 0.0679 |
| Highest                                           |          | 1    | 12     | 23.10       | 0.2042        | 17.80    | 0.0603 |
| Limit                                             | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 71 / 10MHz (Average) (GT - LC = -3.15 dB) |          |      |        |             |               |          |        |
|----------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                            | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                    |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                             | QPSK     | 1    | 25     | 24.78       | 0.3006        | 19.48    | 0.0887 |
| Middle                                             |          | 1    | 25     | 24.71       | 0.2958        | 19.41    | 0.0873 |
| Highest                                            |          | 1    | 25     | 24.87       | 0.3069        | 19.57    | 0.0906 |
| Lowest                                             | 16QAM    | 1    | 25     | 23.15       | 0.2065        | 17.85    | 0.0610 |
| Middle                                             |          | 1    | 25     | 23.67       | 0.2328        | 18.37    | 0.0687 |
| Highest                                            |          | 1    | 25     | 23.03       | 0.2009        | 17.73    | 0.0593 |
| Limit                                              | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 71 / 15MHz (Average) (GT - LC = -3.15 dB) |          |      |        |             |               |          |        |
|----------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                            | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                    |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                             | QPSK     | 1    | 37     | 24.79       | 0.3013        | 19.49    | 0.0889 |
| Middle                                             |          | 1    | 37     | 24.67       | 0.2931        | 19.37    | 0.0865 |
| Highest                                            |          | 1    | 37     | 24.84       | 0.3048        | 19.54    | 0.0899 |
| Lowest                                             | 16QAM    | 1    | 37     | 23.19       | 0.2084        | 17.89    | 0.0615 |
| Middle                                             |          | 1    | 37     | 23.63       | 0.2307        | 18.33    | 0.0681 |
| Highest                                            |          | 1    | 37     | 23.11       | 0.2046        | 17.81    | 0.0604 |
| Limit                                              | ERP < 3W |      |        | Result      |               | PASS     |        |



| LTE Band 71 / 20MHz (Average) (GT - LC = -3.15 dB) |          |      |        |           |         |          |        |
|----------------------------------------------------|----------|------|--------|-----------|---------|----------|--------|
| Channel                                            | Mode     | RB   |        | Conducted |         | ERP      |        |
|                                                    |          | Size | Offset | EIRP(dBm) | EIRP(W) | ERP(dBm) | ERP(W) |
| Lowest                                             | QPSK     | 1    | 49     | 24.80     | 0.3020  | 19.50    | 0.0891 |
| Middle                                             |          | 1    | 49     | 24.75     | 0.2985  | 19.45    | 0.0881 |
| Highest                                            |          | 1    | 49     | 24.88     | 0.3076  | 19.58    | 0.0908 |
| Lowest                                             | 16QAM    | 1    | 49     | 23.22     | 0.2099  | 17.92    | 0.0619 |
| Middle                                             |          | 1    | 49     | 23.71     | 0.2350  | 18.41    | 0.0693 |
| Highest                                            |          | 1    | 49     | 23.12     | 0.2051  | 17.82    | 0.0605 |
| Limit                                              | ERP < 3W |      |        | Result    |         | PASS     |        |

**Radiated Spurious Emission****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                    | 1658.18              | -54.12         | -13              | -41.12                  | -64.99                  | -60.00                   | 0.70                       | 8.73                        | H                     |
|                           | 2487.27              | -50.50         | -13              | -37.50                  | -66.18                  | -58.18                   | 0.95                       | 10.78                       | H                     |
|                           | 3316.36              | -48.95         | -13              | -35.95                  | -66.81                  | -57.49                   | 1.21                       | 11.90                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1658.18              | -53.48         | -13              | -40.48                  | -64.24                  | -59.36                   | 0.70                       | 8.73                        | V                     |
|                           | 2487.27              | -50.11         | -13              | -37.11                  | -65.76                  | -57.79                   | 0.95                       | 10.78                       | V                     |
|                           | 3316.36              | -48.01         | -13              | -35.01                  | -65.65                  | -56.55                   | 1.21                       | 11.90                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1673.18              | -53.38         | -13              | -40.38                  | -64.33                  | -59.32                   | 0.71                       | 8.79                        | H                     |
|                           | 2509.77              | -48.71         | -13              | -35.71                  | -64.4                   | -56.41                   | 0.95                       | 10.81                       | H                     |
|                           | 3346.36              | -48.52         | -13              | -35.52                  | -66.29                  | -57.12                   | 1.21                       | 11.96                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1673.18              | -53.37         | -13              | -40.37                  | -64.23                  | -59.31                   | 0.71                       | 8.79                        | V                     |
|                           | 2509.77              | -50.07         | -13              | -37.07                  | -65.78                  | -57.77                   | 0.95                       | 10.81                       | V                     |
|                           | 3346.36              | -48.24         | -13              | -35.24                  | -65.71                  | -56.84                   | 1.21                       | 11.96                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |         |        |     |        |        |        |      |       |   |
|---------|---------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1688.18 | -53.41 | -13 | -40.41 | -64.43 | -59.40 | 0.72 | 8.85  | H |
|         | 2532.27 | -49.29 | -13 | -36.29 | -65.03 | -57.00 | 0.96 | 10.83 | H |
|         | 3376.36 | -49.31 | -13 | -36.31 | -67    | -57.97 | 1.22 | 12.03 | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         | 1688.18 | -52.65 | -13 | -39.65 | -63.59 | -58.64 | 0.72 | 8.85  | V |
|         | 2532.27 | -50.00 | -13 | -37.00 | -65.95 | -57.71 | 0.96 | 10.83 | V |
|         | 3376.36 | -48.48 | -13 | -35.48 | -65.77 | -57.14 | 1.22 | 12.03 | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |

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

**LTE Band 26**

| LTE Band 26 / 15MHz / 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                     | 1663                 | -53.77         | -13              | -40.77                  | -64.66                  | -59.67                   | 0.70                       | 8.75                        | H                     |
|                            | 2494.5               | -49.86         | -13              | -36.86                  | -65.54                  | -57.55                   | 0.95                       | 10.79                       | H                     |
|                            | 3326                 | -48.41         | -13              | -35.41                  | -66.24                  | -56.97                   | 1.21                       | 11.92                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1663                 | -53.80         | -13              | -40.80                  | -64.66                  | -59.70                   | 0.70                       | 8.75                        | V                     |
|                            | 2494.5               | -49.19         | -13              | -36.19                  | -64.83                  | -56.88                   | 0.95                       | 10.79                       | V                     |
|                            | 3326                 | -49.05         | -13              | -36.05                  | -66.63                  | -57.61                   | 1.21                       | 11.92                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1673                 | -54.04         | -13              | -41.04                  | -64.98                  | -59.98                   | 0.71                       | 8.79                        | H                     |
|                            | 2509.5               | -48.87         | -13              | -35.87                  | -64.56                  | -56.57                   | 0.95                       | 10.81                       | H                     |
|                            | 3346                 | -48.89         | -13              | -35.89                  | -66.66                  | -57.49                   | 1.21                       | 11.96                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1673                 | -53.28         | -13              | -40.28                  | -64.13                  | -59.22                   | 0.71                       | 8.79                        | V                     |
|                            | 2509.5               | -49.85         | -13              | -36.85                  | -65.56                  | -57.55                   | 0.95                       | 10.81                       | V                     |
|                            | 3346                 | -48.74         | -13              | -35.74                  | -66.21                  | -57.34                   | 1.21                       | 11.96                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |        |        |     |        |        |        |      |       |   |
|---------|--------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1683   | -52.30 | -13 | -39.30 | -63.3  | -58.27 | 0.71 | 8.83  | H |
|         | 2524.5 | -50.33 | -13 | -37.33 | -66.06 | -58.04 | 0.96 | 10.82 | H |
|         | 3366   | -48.19 | -13 | -35.19 | -65.91 | -56.83 | 1.22 | 12.01 | H |
|         |        |        |     |        |        |        |      |       | H |
|         |        |        |     |        |        |        |      |       | H |
|         |        |        |     |        |        |        |      |       | H |
|         |        |        |     |        |        |        |      |       | H |
|         | 1683   | -53.85 | -13 | -40.85 | -64.76 | -59.82 | 0.71 | 8.83  | V |
|         | 2524.5 | -50.27 | -13 | -37.27 | -66.15 | -57.98 | 0.96 | 10.82 | V |
|         | 3366   | -49.59 | -13 | -36.59 | -66.95 | -58.23 | 1.22 | 12.01 | V |
|         |        |        |     |        |        |        |      |       | V |
|         |        |        |     |        |        |        |      |       | V |
|         |        |        |     |        |        |        |      |       | V |
|         |        |        |     |        |        |        |      |       | V |

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

**LTE Band 2**

| LTE Band 2 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 3719.82              | -44.39          | -13              | -31.39                  | -64.7                   | -55.42                   | 1.44                       | 12.48                       | H                     |
|                           | 5579.73              | -32.44          | -13              | -19.44                  | -56.11                  | -43.72                   | 2.00                       | 13.28                       | H                     |
|                           | 7439.64              | -38.79          | -13              | -25.79                  | -66.52                  | -47.96                   | 2.19                       | 11.36                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3719.82              | -43.46          | -13              | -30.46                  | -63.48                  | -54.49                   | 1.44                       | 12.48                       | V                     |
|                           | 5579.73              | -32.48          | -13              | -19.48                  | -56.41                  | -43.76                   | 2.00                       | 13.28                       | V                     |
|                           | 7439.64              | -35.35          | -13              | -22.35                  | -62.85                  | -44.52                   | 2.19                       | 11.36                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 3759.82              | -44.09          | -13              | -31.09                  | -64.47                  | -55.12                   | 1.48                       | 12.51                       | H                     |
|                           | 5639.73              | -32.74          | -13              | -19.74                  | -56.43                  | -44.01                   | 2.00                       | 13.27                       | H                     |
|                           | 7519.64              | -38.37          | -13              | -25.37                  | -65.99                  | -47.48                   | 2.18                       | 11.30                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3759.82              | -45.22          | -13              | -32.22                  | -65.68                  | -56.25                   | 1.48                       | 12.51                       | V                     |
|                           | 5639.73              | -32.37          | -13              | -19.37                  | -56.35                  | -43.64                   | 2.00                       | 13.27                       | V                     |
|                           | 7519.64              | -33.77          | -13              | -20.77                  | -61.54                  | -42.88                   | 2.18                       | 11.30                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |         |        |     |        |        |        |      |       |   |
|---------|---------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3799.82 | -45.47 | -13 | -32.47 | -65.93 | -56.50 | 1.51 | 12.54 | H |
|         | 5699.73 | -32.61 | -13 | -19.61 | -56.37 | -43.88 | 1.99 | 13.26 | H |
|         | 7599.64 | -37.26 | -13 | -24.26 | -64.32 | -46.30 | 2.24 | 11.28 | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         | 3799.82 | -46.61 | -13 | -33.61 | -66.86 | -57.64 | 1.51 | 12.54 | V |
|         | 5699.73 | -31.56 | -13 | -18.56 | -55.59 | -42.83 | 1.99 | 13.26 | V |
|         | 7599.64 | -32.28 | -13 | -19.28 | -59.58 | -41.32 | 2.24 | 11.28 | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |

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

**LTE Band 25**

| LTE Band 25 / 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                     | 3721                 | -43.64          | -13              | -30.64                  | -63.95                  | -54.67                   | 1.44                       | 12.48                       | H                     |
|                            | 5583                 | -31.24          | -13              | -18.24                  | -54.91                  | -42.52                   | 2.00                       | 13.28                       | H                     |
|                            | 7438                 | -36.01          | -13              | -23.01                  | -63.74                  | -45.18                   | 2.19                       | 11.36                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3719.82              | -45.53          | -13              | -32.53                  | -65.55                  | -56.56                   | 1.44                       | 12.48                       | V                     |
|                            | 5583                 | -30.44          | -13              | -17.44                  | -54.38                  | -41.72                   | 2.00                       | 13.28                       | V                     |
|                            | 7438                 | -33.55          | -13              | -20.55                  | -61.03                  | -42.72                   | 2.19                       | 11.36                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 3760                 | -44.92          | -13              | -31.92                  | -65.3                   | -55.95                   | 1.48                       | 12.51                       | H                     |
|                            | 5639                 | -33.48          | -13              | -20.48                  | -57.16                  | -44.75                   | 2.00                       | 13.27                       | H                     |
|                            | 7519                 | -37.51          | -13              | -24.51                  | -65.13                  | -46.62                   | 2.18                       | 11.30                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3760                 | -46.18          | -13              | -33.18                  | -66.31                  | -57.21                   | 1.48                       | 12.51                       | V                     |
|                            | 5639                 | -31.71          | -13              | -18.71                  | -55.69                  | -42.98                   | 2.00                       | 13.27                       | V                     |
|                            | 7522                 | -32.29          | -13              | -19.29                  | -60.04                  | -41.40                   | 2.19                       | 11.30                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |         |        |     |        |        |        |      |       |   |
|---------|---------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3809.82 | -46.31 | -13 | -33.31 | -66.78 | -57.34 | 1.52 | 12.55 | H |
|         | 5716    | -32.82 | -13 | -19.82 | -56.6  | -44.08 | 1.99 | 13.26 | H |
|         | 7620    | -37.37 | -13 | -24.37 | -64.43 | -46.39 | 2.25 | 11.28 | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         | 3809.82 | -46.69 | -13 | -33.69 | -66.97 | -57.72 | 1.52 | 12.55 | V |
|         | 5716    | -30.48 | -13 | -17.48 | -54.52 | -41.74 | 1.99 | 13.26 | V |
|         | 7620    | -28.57 | -13 | -15.57 | -55.86 | -37.59 | 2.25 | 11.28 | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |

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

**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                    | 3439                 | -48.12          | -13              | -35.12                  | -66.99                  | -59.05                   | 1.24                       | 12.17                       | H                     |
|                           | 5156                 | -38.45          | -13              | -25.45                  | -62.16                  | -49.37                   | 1.97                       | 12.89                       | H                     |
|                           | 6879                 | -39.96          | -13              | -26.96                  | -65.22                  | -49.02                   | 2.35                       | 11.41                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3439                 | -47.94          | -13              | -34.94                  | -66.47                  | -58.87                   | 1.24                       | 12.17                       | V                     |
|                           | 5156                 | -37.66          | -13              | -24.66                  | -61.05                  | -48.58                   | 1.97                       | 12.89                       | V                     |
|                           | 6879                 | -41.17          | -13              | -28.17                  | -66.4                   | -50.23                   | 2.35                       | 11.41                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 3464.82              | -45.96          | -13              | -32.96                  | -65.1                   | -56.94                   | 1.24                       | 12.22                       | H                     |
|                           | 5198                 | -37.52          | -13              | -24.52                  | -61.36                  | -48.48                   | 1.97                       | 12.94                       | H                     |
|                           | 6929                 | -37.86          | -13              | -24.86                  | -63.55                  | -47.08                   | 2.36                       | 11.57                       | H                     |
|                           | 8663                 | -36.70          | -13              | -23.70                  | -63.42                  | -45.23                   | 2.44                       | 10.97                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3462                 | -45.51          | -13              | -32.51                  | -64.35                  | -56.49                   | 1.24                       | 12.22                       | V                     |
|                           | 5198                 | -36.25          | -13              | -23.25                  | -59.65                  | -47.21                   | 1.97                       | 12.94                       | V                     |
|                           | 6929                 | -39.20          | -13              | -26.20                  | -65.03                  | -48.42                   | 2.36                       | 11.57                       | V                     |
|                           | 8662                 | -36.20          | -13              | -23.20                  | -64.63                  | -44.73                   | 2.44                       | 10.97                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3490  | -44.42 | -13 | -31.42 | -63.83 | -55.45 | 1.25 | 12.28 | H |
|         | 5233  | -31.77 | -13 | -18.77 | -55.59 | -42.77 | 1.98 | 12.98 | H |
|         | 6983  | -34.28 | -13 | -21.28 | -60.48 | -43.66 | 2.37 | 11.75 | H |
|         | 8726  | -31.93 | -13 | -18.93 | -61.01 | -40.44 | 2.44 | 10.95 | H |
|         | 10470 | -34.50 | -13 | -21.50 | -66.64 | -42.88 | 2.63 | 11.01 | H |
|         | 12215 | -31.82 | -13 | -18.82 | -65.64 | -42.23 | 2.79 | 13.20 | H |
|         | 13960 | -29.88 | -13 | -16.88 | -64.9  | -40.17 | 2.52 | 12.82 | H |
|         | 15705 | -26.46 | -13 | -13.46 | -63.89 | -39.06 | 3.02 | 15.62 | H |
|         | 3490  | -42.86 | -13 | -29.86 | -62.09 | -53.89 | 1.25 | 12.28 | V |
|         | 5233  | -32.19 | -13 | -19.19 | -55.65 | -43.19 | 1.98 | 12.98 | V |
|         | 6983  | -35.82 | -13 | -22.82 | -62.29 | -45.20 | 2.37 | 11.75 | V |
|         | 8726  | -36.17 | -13 | -23.17 | -64.86 | -44.68 | 2.44 | 10.95 | V |
|         | 10469 | -35.06 | -13 | -22.06 | -67    | -43.45 | 2.63 | 11.01 | V |
|         | 12214 | -32.96 | -13 | -19.96 | -65.81 | -43.37 | 2.79 | 13.20 | V |
|         | 13959 | -29.13 | -13 | -16.13 | -64.44 | -39.42 | 2.52 | 12.82 | V |
|         | 15704 | -25.58 | -13 | -12.58 | -61.71 | -38.18 | 3.02 | 15.62 | V |

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

**LTE Band 66**

| LTE Band 66 / 20MHz / 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                     | 3441                 | -47.69         | -13              | -34.69                  | -66.59                  | -58.62                   | 1.24                       | 12.17                       | H                     |
|                            | 5156                 | -36.05         | -13              | -23.05                  | -59.76                  | -46.97                   | 1.97                       | 12.89                       | H                     |
|                            | 6879.64              | -40.66         | -13              | -27.66                  | -65.92                  | -49.72                   | 2.35                       | 11.41                       | H                     |
|                            | 8600                 | -35.86         | -13              | -22.86                  | -64.22                  | -44.40                   | 2.44                       | 10.98                       | H                     |
|                            | 10320                | -33.41         | -13              | -20.41                  | -65.49                  | -41.92                   | 2.56                       | 11.07                       | H                     |
|                            | 12039.37             | -29.35         | -13              | -16.35                  | -63.17                  | -39.55                   | 2.76                       | 12.95                       | H                     |
|                            | 13759.28             | -29.36         | -13              | -16.36                  | -64.99                  | -39.58                   | 2.68                       | 12.90                       | H                     |
|                            | 15480                | -26.16         | -13              | -13.16                  | -62.54                  | -37.92                   | 2.95                       | 14.72                       | H                     |
|                            | 3441                 | -47.06         | -13              | -34.06                  | -65.62                  | -57.99                   | 1.24                       | 12.17                       | V                     |
|                            | 5156                 | -35.77         | -13              | -22.77                  | -59.16                  | -46.69                   | 1.97                       | 12.89                       | V                     |
|                            | 6879.64              | -40.54         | -13              | -27.54                  | -65.78                  | -49.60                   | 2.35                       | 11.41                       | V                     |
|                            | 8600                 | -33.13         | -13              | -20.13                  | -61.31                  | -41.67                   | 2.44                       | 10.98                       | V                     |
|                            | 10320                | -34.14         | -13              | -21.14                  | -65.87                  | -42.65                   | 2.56                       | 11.07                       | V                     |
|                            | 12039.37             | -31.19         | -13              | -18.19                  | -64.42                  | -41.39                   | 2.76                       | 12.95                       | V                     |
|                            | 13759.28             | -29.27         | -13              | -16.27                  | -64.72                  | -39.49                   | 2.68                       | 12.90                       | V                     |
|                            | 15480                | -29.59         | -13              | -16.59                  | -65.89                  | -41.35                   | 2.95                       | 14.72                       | V                     |



|        |       |        |     |        |        |        |      |       |   |
|--------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Middle | 3490  | -40.35 | -13 | -27.35 | -59.76 | -51.38 | 1.25 | 12.28 | H |
|        | 5233  | -30.13 | -13 | -17.13 | -53.95 | -41.13 | 1.98 | 12.98 | H |
|        | 6983  | -34.63 | -13 | -21.63 | -60.83 | -44.01 | 2.37 | 11.75 | H |
|        | 8726  | -34.04 | -13 | -21.04 | -63.12 | -42.55 | 2.44 | 10.95 | H |
|        | 10472 | -33.43 | -13 | -20.43 | -65.57 | -41.81 | 2.63 | 11.01 | H |
|        | 12216 | -31.43 | -13 | -18.43 | -65.25 | -41.84 | 2.79 | 13.20 | H |
|        | 13960 | -27.87 | -13 | -14.87 | -62.89 | -38.16 | 2.52 | 12.82 | H |
|        | 15704 | -22.60 | -13 | -9.60  | -60.03 | -35.20 | 3.02 | 15.62 | H |
|        | 3490  | -42.29 | -13 | -29.29 | -61.52 | -53.32 | 1.25 | 12.28 | V |
|        | 5233  | -29.99 | -13 | -16.99 | -53.45 | -40.99 | 1.98 | 12.98 | V |
|        | 6983  | -32.98 | -13 | -19.98 | -59.45 | -42.36 | 2.37 | 11.75 | V |
|        | 8726  | -30.76 | -13 | -17.76 | -59.45 | -39.27 | 2.44 | 10.95 | V |
|        | 10472 | -34.10 | -13 | -21.10 | -66.05 | -42.48 | 2.63 | 11.01 | V |
|        | 12216 | -31.63 | -13 | -18.63 | -64.48 | -42.04 | 2.79 | 13.20 | V |
|        | 13960 | -29.54 | -13 | -16.54 | -64.85 | -39.83 | 2.52 | 12.82 | V |
|        | 15704 | -27.51 | -13 | -14.51 | -63.64 | -40.11 | 3.02 | 15.62 | V |



|         |          |        |     |        |        |        |      |       |   |
|---------|----------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3539     | -45.88 | -13 | -32.88 | -65.61 | -56.93 | 1.28 | 12.33 | H |
|         | 5310     | -28.45 | -13 | -15.45 | -52.2  | -39.53 | 1.99 | 13.07 | H |
|         | 7081     | -35.20 | -13 | -22.20 | -62.01 | -44.58 | 2.34 | 11.72 | H |
|         | 8849.55  | -35.65 | -13 | -22.65 | -65.1  | -44.13 | 2.45 | 10.93 | H |
|         | 10616    | -32.85 | -13 | -19.85 | -65.04 | -41.20 | 2.63 | 10.98 | H |
|         | 12389.37 | -31.54 | -13 | -18.54 | -65.38 | -42.16 | 2.83 | 13.44 | H |
|         | 14159.28 | -30.33 | -13 | -17.33 | -64.91 | -40.32 | 2.56 | 12.55 | H |
|         | 15928    | -23.57 | -13 | -10.57 | -61.46 | -36.99 | 3.10 | 16.51 | H |
|         | 3539     | -46.11 | -13 | -33.11 | -65.59 | -57.16 | 1.28 | 12.33 | V |
|         | 5310     | -29.08 | -13 | -16.08 | -52.69 | -40.16 | 1.99 | 13.07 | V |
|         | 7081     | -34.27 | -13 | -21.27 | -61.23 | -43.65 | 2.34 | 11.72 | V |
|         | 8849.55  | -34.54 | -13 | -21.54 | -63.38 | -43.02 | 2.45 | 10.93 | V |
|         | 10616    | -32.51 | -13 | -19.51 | -64.73 | -40.86 | 2.63 | 10.98 | V |
|         | 12389.37 | -33.01 | -13 | -20.01 | -65.49 | -43.63 | 2.83 | 13.44 | V |
|         | 14159.28 | -29.54 | -13 | -16.54 | -64.93 | -39.53 | 2.56 | 12.55 | V |
|         | 15928    | -27.02 | -13 | -14.02 | -63.01 | -40.44 | 3.10 | 16.51 | V |

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

**LTE Band 12**

| LTE Band 12 / 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                     | 1408                 | -51.46         | -13.00           | -38.46                  | -63.35                  | -56.44                   | 0.58                       | 7.71                        | H                     |
|                            | 2112                 | -47.03         | -13.00           | -34.03                  | -62.35                  | -54.23                   | 0.90                       | 10.26                       | H                     |
|                            | 2816.36              | -49.16         | -13.00           | -36.16                  | -65.91                  | -57.00                   | 1.06                       | 11.05                       | H                     |
|                            | 3520.45              | -48.41         | -13.00           | -35.41                  | -67.29                  | -57.31                   | 1.27                       | 12.32                       | H                     |
|                            | 4224.54              | -45.51         | -13.00           | -32.51                  | -66.49                  | -54.28                   | 1.73                       | 12.66                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1408                 | -51.06         | -13.00           | -38.06                  | -62.97                  | -56.04                   | 0.58                       | 7.71                        | V                     |
|                            | 2112                 | -40.28         | -13.00           | -27.28                  | -55.58                  | -47.48                   | 0.90                       | 10.26                       | V                     |
|                            | 2816.36              | -48.26         | -13.00           | -35.26                  | -65.52                  | -56.10                   | 1.06                       | 11.05                       | V                     |
|                            | 3520                 | -46.89         | -13.00           | -33.89                  | -65.57                  | -55.79                   | 1.27                       | 12.32                       | V                     |
|                            | 4224                 | -41.98         | -13.00           | -28.98                  | -63.06                  | -50.75                   | 1.73                       | 12.66                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1416                 | -50.64         | -13.00           | -37.64                  | -62.48                  | -55.65                   | 0.59                       | 7.75                        | H                     |
|                            | 2120                 | -45.55         | -13.00           | -32.55                  | -61.01                  | -52.76                   | 0.90                       | 10.27                       | H                     |
|                            | 2836.36              | -48.92         | -13.00           | -35.92                  | -65.74                  | -56.77                   | 1.07                       | 11.07                       | H                     |
|                            | 3536                 | -47.53         | -13.00           | -34.53                  | -66.51                  | -56.43                   | 1.28                       | 12.33                       | H                     |
|                            | 4245.54              | -45.45         | -13.00           | -32.45                  | -66.52                  | -54.21                   | 1.74                       | 12.65                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1416                 | -51.24         | -13.00           | -38.24                  | -63.06                  | -56.25                   | 0.59                       | 7.75                        | V                     |
|                            | 2120                 | -41.14         | -13.00           | -28.14                  | -56.58                  | -48.35                   | 0.90                       | 10.27                       | V                     |
|                            | 2830.36              | -48.80         | -13.00           | -35.80                  | -66.05                  | -56.65                   | 1.07                       | 11.06                       | V                     |
|                            | 3536                 | -46.98         | -13.00           | -33.98                  | -65.72                  | -55.88                   | 1.28                       | 12.33                       | V                     |
|                            | 4245                 | -43.45         | -13.00           | -30.45                  | -64.66                  | -52.21                   | 1.74                       | 12.65                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |         |        |        |        |        |        |      |       |   |
|---------|---------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1424    | -50.05 | -13.00 | -37.05 | -61.84 | -55.09 | 0.59 | 7.78  | H |
|         | 2136    | -47.52 | -13.00 | -34.52 | -63.28 | -54.75 | 0.91 | 10.29 | H |
|         | 2844.36 | -49.44 | -13.00 | -36.44 | -66.34 | -57.29 | 1.07 | 11.08 | H |
|         | 3555.45 | -48.25 | -13.00 | -35.25 | -67.35 | -57.15 | 1.30 | 12.34 | H |
|         | 4266.54 | -45.14 | -13.00 | -32.14 | -66.31 | -53.89 | 1.74 | 12.65 | H |
|         | 4976    | -43.80 | -13.00 | -30.80 | -66.82 | -52.40 | 1.94 | 12.70 | H |
|         |         |        |        |        |        |        |      |       | H |
|         | 1424    | -48.87 | -13.00 | -35.87 | -60.60 | -53.91 | 0.59 | 7.78  | V |
|         | 2136    | -42.37 | -13.00 | -29.37 | -58.11 | -49.60 | 0.91 | 10.29 | V |
|         | 2844.36 | -48.59 | -13.00 | -35.59 | -65.85 | -56.44 | 1.07 | 11.08 | V |
|         | 3555.45 | -47.92 | -13.00 | -34.92 | -66.72 | -56.82 | 1.30 | 12.34 | V |
|         | 4266    | -43.77 | -13.00 | -30.77 | -65.11 | -52.52 | 1.74 | 12.65 | V |
|         | 4977    | -42.41 | -13.00 | -29.41 | -65.55 | -51.01 | 1.94 | 12.70 | V |
|         |         |        |        |        |        |        |      |       | V |

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

**LTE Band 41 (HPUE)**

| 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                     | 4994.18              | -40.61          | -25              | -15.61                  | -63.81                  | -51.36                   | 1.95                       | 12.70                       | H                     |
|                            | 7491.27              | -37.00          | -25              | -12.00                  | -64.74                  | -46.14                   | 2.17                       | 11.31                       | H                     |
|                            | 9988.36              | -43.82          | -25              | -18.82                  | -75.74                  | -52.60                   | 2.43                       | 11.21                       | H                     |
|                            | 12485.45             | -41.88          | -25              | -16.88                  | -75.73                  | -52.61                   | 2.85                       | 13.58                       | H                     |
|                            | 14982.54             | -39.64          | -25              | -14.64                  | -75.31                  | -49.29                   | 3.03                       | 12.67                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 4994.18              | -42.24          | -25              | -17.24                  | -65.57                  | -52.99                   | 1.95                       | 12.70                       | V                     |
|                            | 7491.27              | -43.62          | -25              | -18.62                  | -71.44                  | -52.76                   | 2.17                       | 11.31                       | V                     |
|                            | 9988.36              | -45.38          | -25              | -20.38                  | -76.65                  | -54.16                   | 2.43                       | 11.21                       | V                     |
|                            | 12485.45             | -42.12          | -25              | -17.12                  | -74.39                  | -52.85                   | 2.85                       | 13.58                       | V                     |
|                            | 14982.54             | -36.26          | -25              | -11.26                  | -73.01                  | -45.91                   | 3.03                       | 12.67                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5168.18              | -46.49          | -25              | -21.49                  | -70.23                  | -57.42                   | 1.97                       | 12.90                       | H                     |
|                            | 7752.27              | -32.72          | -25              | -7.72                   | -59.79                  | -41.62                   | 2.35                       | 11.25                       | H                     |
|                            | 10336.36             | -44.03          | -25              | -19.03                  | -76.11                  | -52.52                   | 2.57                       | 11.07                       | H                     |
|                            | 12920.45             | -39.51          | -25              | -14.51                  | -74.88                  | -50.19                   | 2.75                       | 13.43                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5168.18              | -44.32          | -25              | -19.32                  | -67.71                  | -55.25                   | 1.97                       | 12.90                       | V                     |
|                            | 7752.27              | -36.70          | -25              | -11.70                  | -63.88                  | -45.60                   | 2.35                       | 11.25                       | V                     |
|                            | 10336.36             | -43.59          | -25              | -18.59                  | -75.33                  | -52.08                   | 2.57                       | 11.07                       | V                     |
|                            | 12920.45             | -39.94          | -25              | -14.94                  | -74.07                  | -50.62                   | 2.75                       | 13.43                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |          |        |     |        |        |        |      |       |   |
|---------|----------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5342.18  | -45.81 | -25 | -20.81 | -69.53 | -56.93 | 1.99 | 13.11 | H |
|         | 8013.27  | -38.90 | -25 | -13.90 | -67.59 | -47.58 | 2.52 | 11.19 | H |
|         | 10684.36 | -44.05 | -25 | -19.05 | -76.27 | -52.39 | 2.63 | 10.96 | H |
|         |          |        |     |        |        |        |      |       | H |
|         |          |        |     |        |        |        |      |       | H |
|         |          |        |     |        |        |        |      |       | H |
|         |          |        |     |        |        |        |      |       | H |
|         | 5342.18  | -43.30 | -25 | -18.30 | -66.97 | -54.42 | 1.99 | 13.11 | V |
|         | 8013.27  | -41.34 | -25 | -16.34 | -69.87 | -50.02 | 2.52 | 11.19 | V |
|         | 10684.36 | -44.00 | -25 | -19.00 | -76.37 | -52.34 | 2.63 | 10.96 | V |
|         |          |        |     |        |        |        |      |       | V |
|         |          |        |     |        |        |        |      |       | V |
|         |          |        |     |        |        |        |      |       | V |
|         |          |        |     |        |        |        |      |       | V |

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

**LTE Band 71**

| LTE Band 71 / 20MHz / 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                     | 1344                 | -47.49         | -13              | -34.49                  | -59.23                  | -54.37                   | 0.57                       | 7.44                        | H                     |
|                            | 2016                 | -46.05         | -13              | -33.05                  | -59.59                  | -55.28                   | 0.89                       | 10.12                       | H                     |
|                            | 2731                 | -49.47         | -13              | -36.47                  | -65.86                  | -59.42                   | 1.03                       | 10.98                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1344                 | -44.78         | -13              | -31.78                  | -56.37                  | -51.66                   | 0.57                       | 7.44                        | V                     |
|                            | 2016                 | -40.97         | -13              | -27.97                  | -54.49                  | -50.20                   | 0.89                       | 10.12                       | V                     |
|                            | 2731                 | -48.56         | -13              | -35.56                  | -65.61                  | -58.51                   | 1.03                       | 10.98                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1368                 | -49.59         | -13              | -36.59                  | -61.38                  | -56.56                   | 0.57                       | 7.55                        | H                     |
|                            | 2048                 | -44.84         | -13              | -31.84                  | -58.97                  | -54.11                   | 0.90                       | 10.17                       | H                     |
|                            | 2731                 | -49.15         | -13              | -36.15                  | -65.54                  | -59.10                   | 1.03                       | 10.98                       | H                     |
|                            | 1368                 | -49.59         | -13              | -36.59                  | -61.38                  | -56.56                   | 0.57                       | 7.55                        | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1368                 | -45.37         | -13              | -32.37                  | -57.1                   | -52.34                   | 0.57                       | 7.55                        | V                     |
|                            | 2048                 | -39.63         | -13              | -26.63                  | -53.74                  | -48.90                   | 0.90                       | 10.17                       | V                     |
|                            | 2731                 | -47.92         | -13              | -34.92                  | -64.97                  | -57.87                   | 1.03                       | 10.98                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |         |        |     |        |        |        |      |       |   |
|---------|---------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1375.82 | -52.45 | -13 | -39.45 | -64.32 | -59.45 | 0.58 | 7.58  | H |
|         | 2064    | -42.89 | -13 | -29.89 | -57.32 | -52.18 | 0.90 | 10.19 | H |
|         | 2751.64 | -49.49 | -13 | -36.49 | -65.97 | -59.45 | 1.04 | 11.00 | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         | 1376    | -49.77 | -13 | -36.77 | -61.61 | -56.77 | 0.58 | 7.58  | V |
|         | 2064    | -38.79 | -13 | -25.79 | -53.19 | -48.08 | 0.90 | 10.19 | V |
|         | 2751    | -48.60 | -13 | -35.60 | -65.72 | -58.56 | 1.04 | 11.00 | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |

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