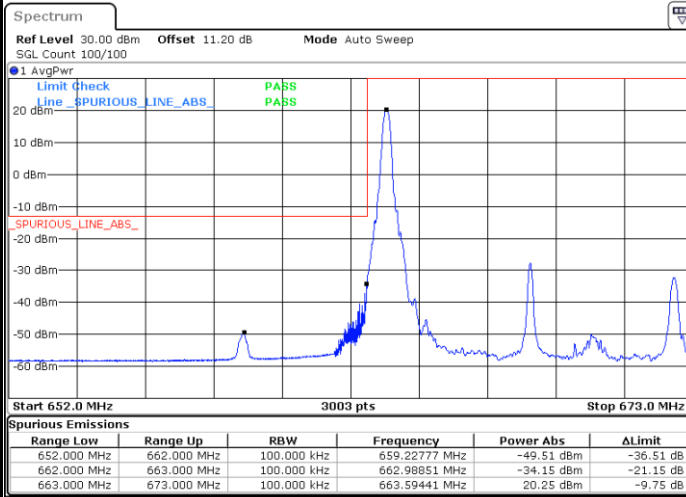


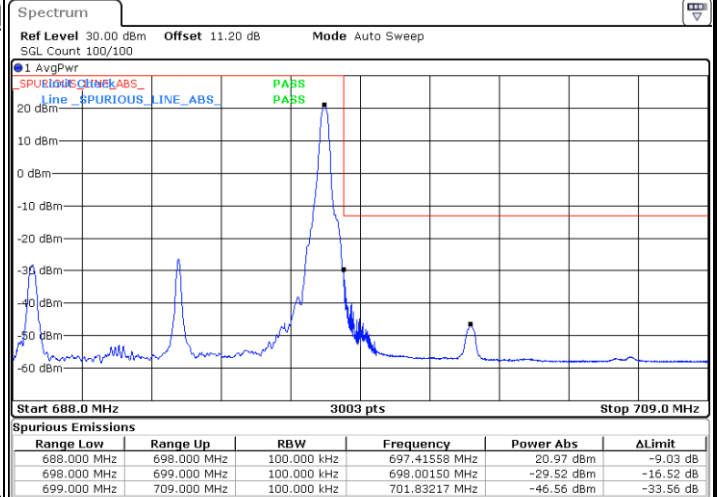


## LTE Band 71 / 10MHz / QPSK

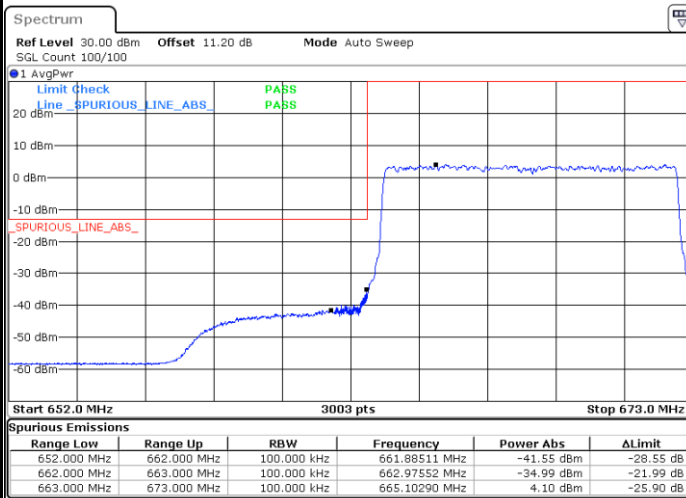
## Lowest Band Edge / 1 RB



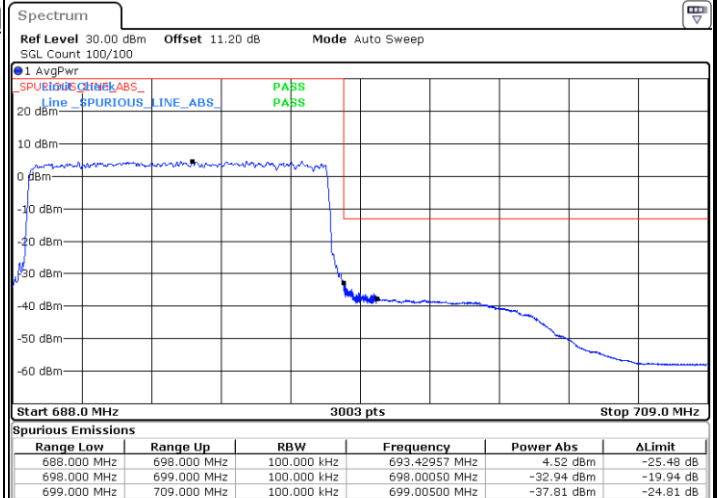
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



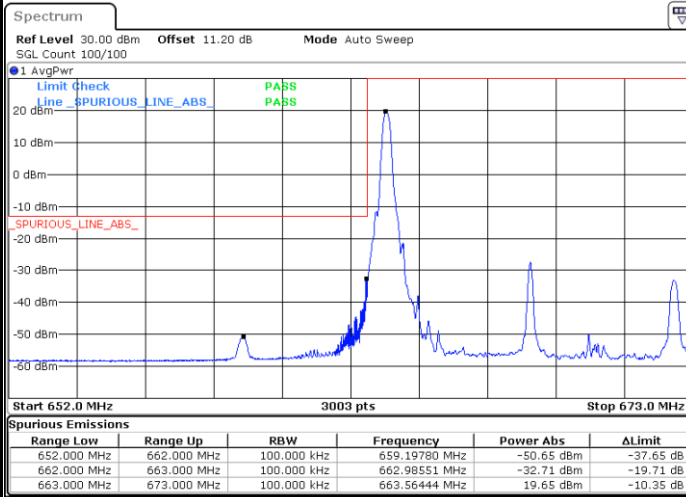
## Highest Band Edge / Full RB



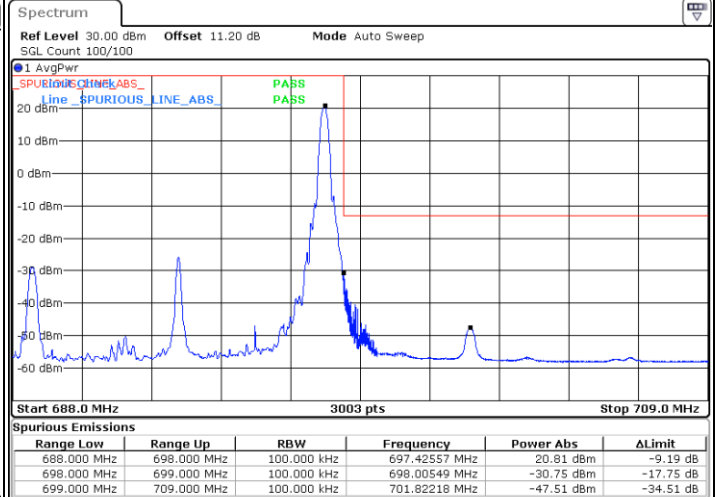


## LTE Band 71 / 10MHz / 16QAM

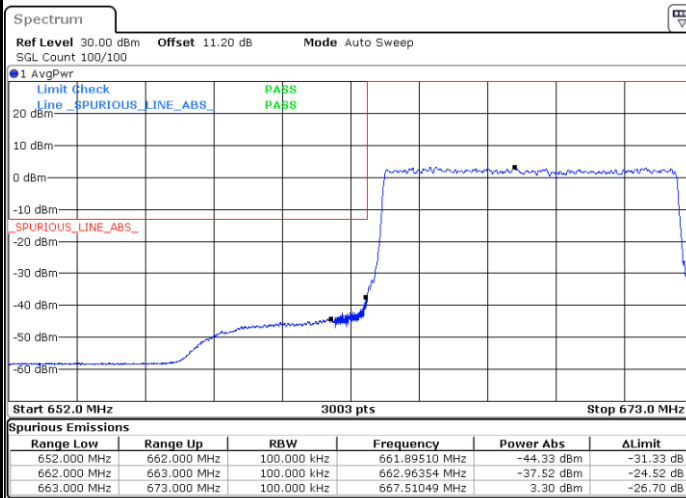
## Lowest Band Edge / 1 RB



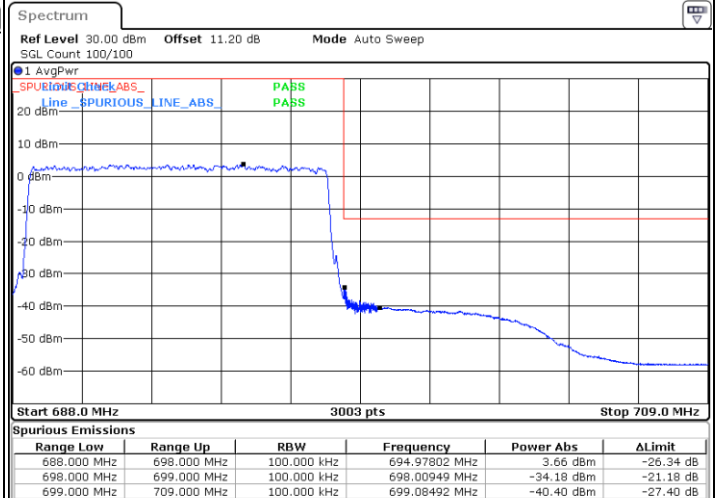
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



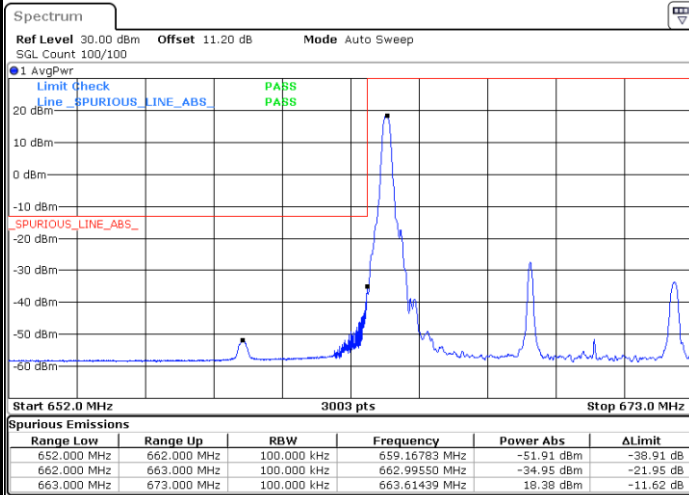
## Highest Band Edge / Full RB



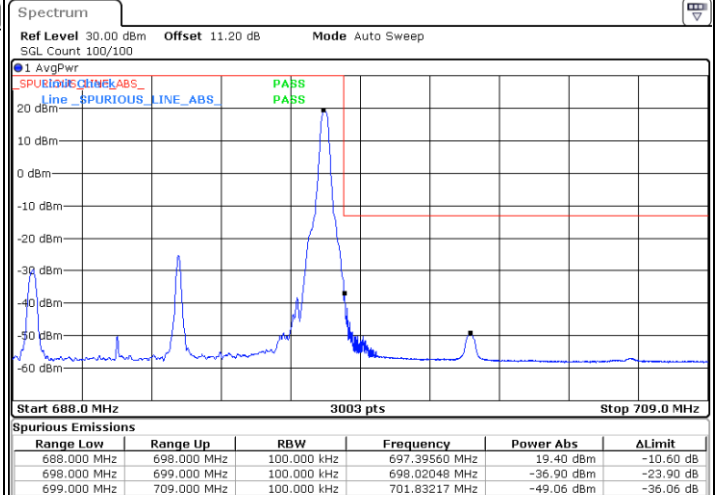


## LTE Band 71 / 10MHz / 64QAM

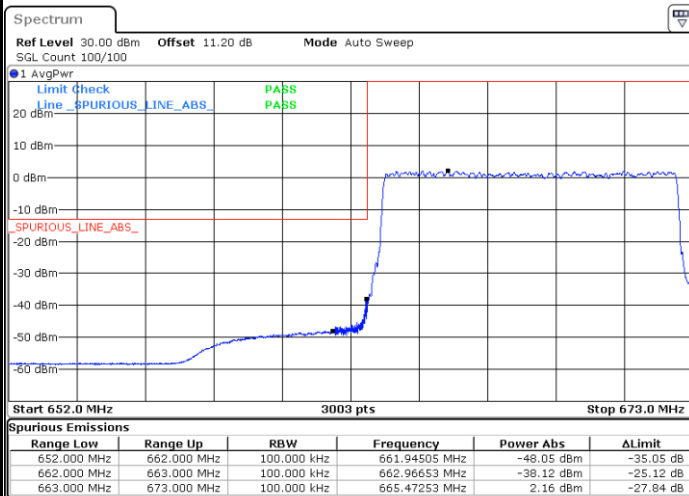
## Lowest Band Edge / 1 RB



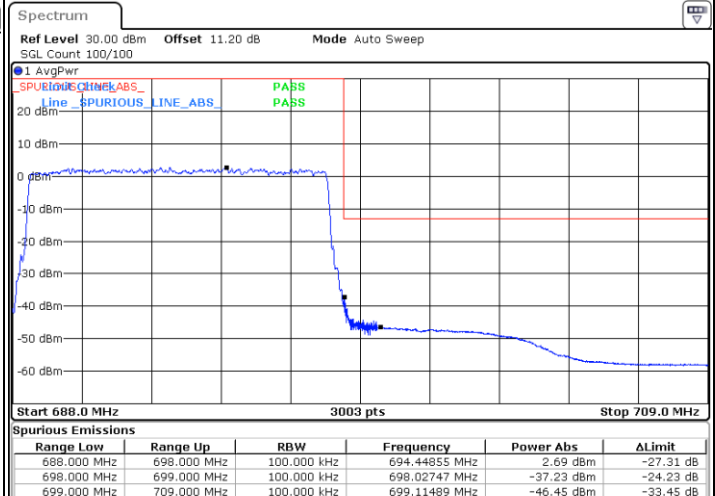
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



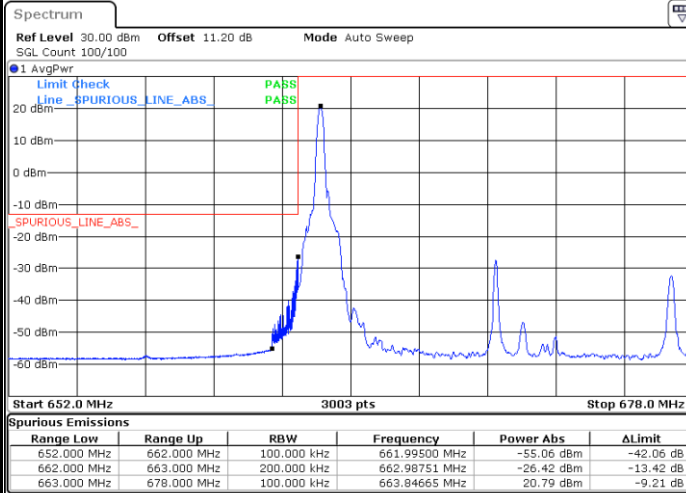
## Highest Band Edge / Full RB



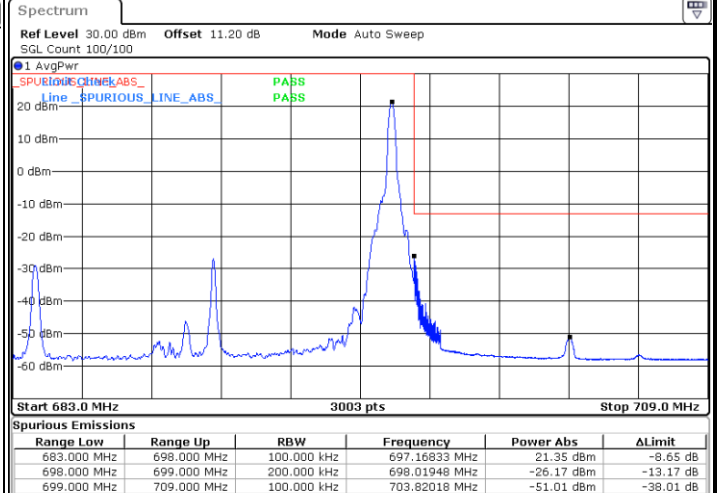


## LTE Band 71 / 15MHz / QPSK

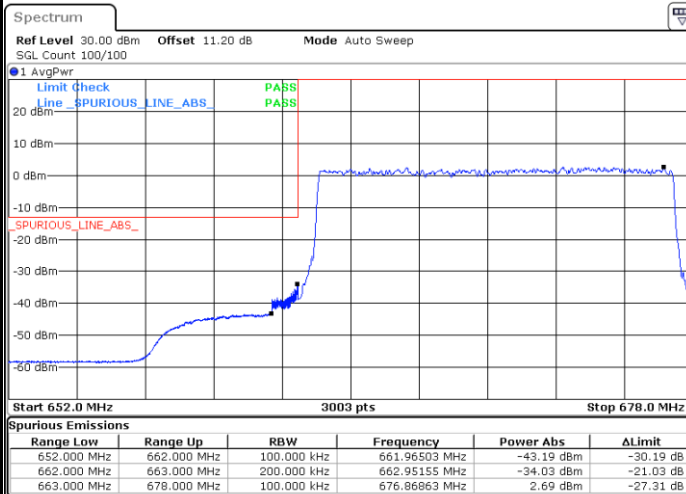
## Lowest Band Edge / 1 RB



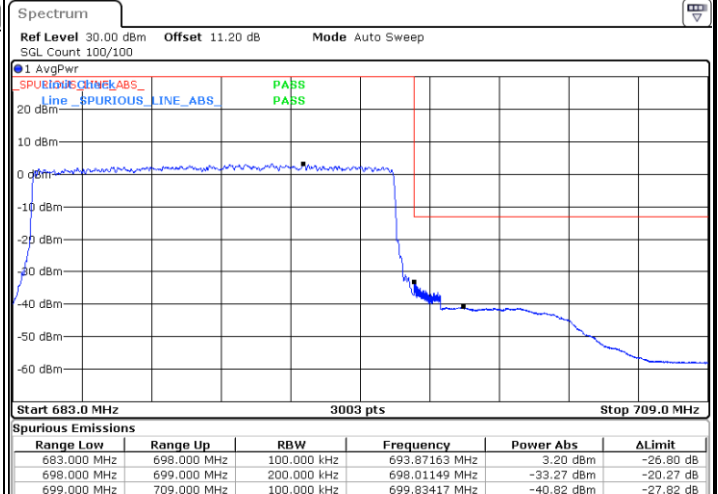
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



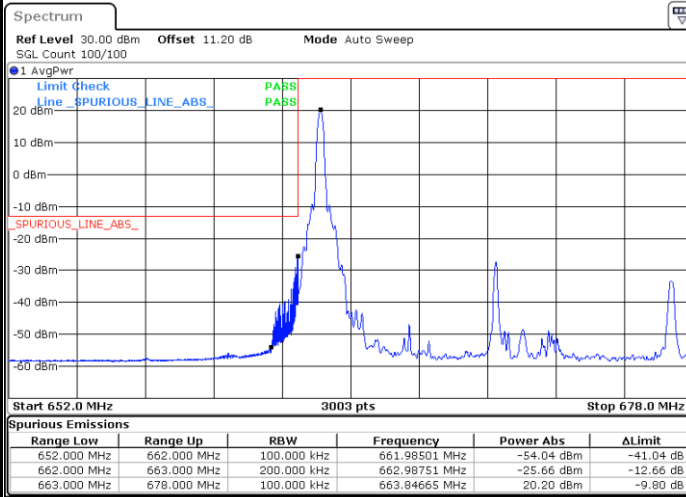
## Highest Band Edge / Full RB



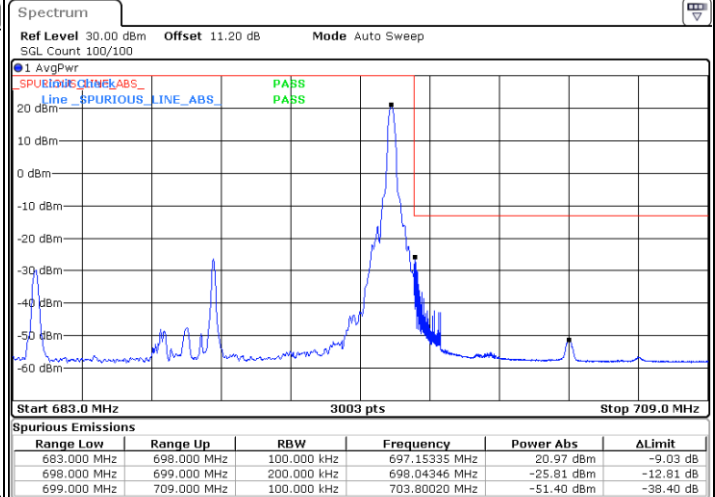


## LTE Band 71 / 15MHz / 16QAM

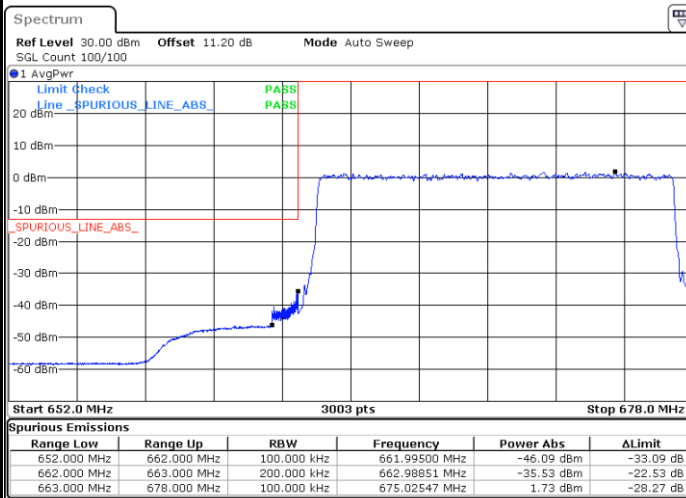
## Lowest Band Edge / 1 RB



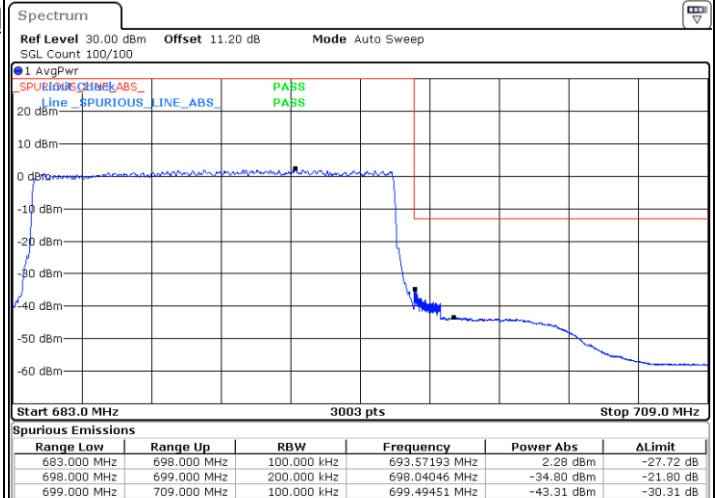
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



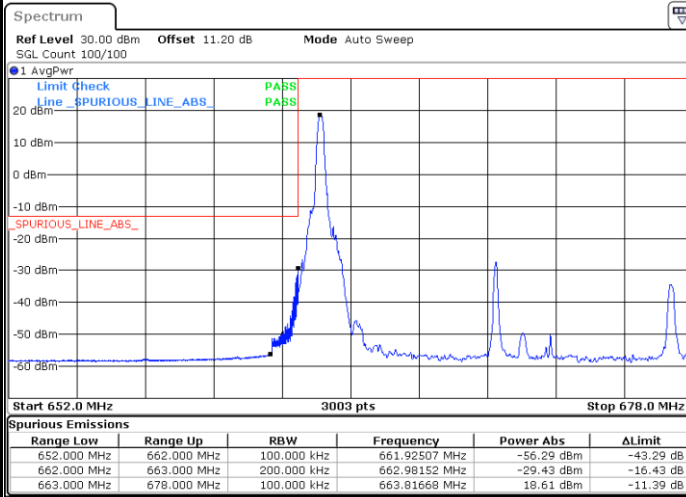
## Highest Band Edge / Full RB



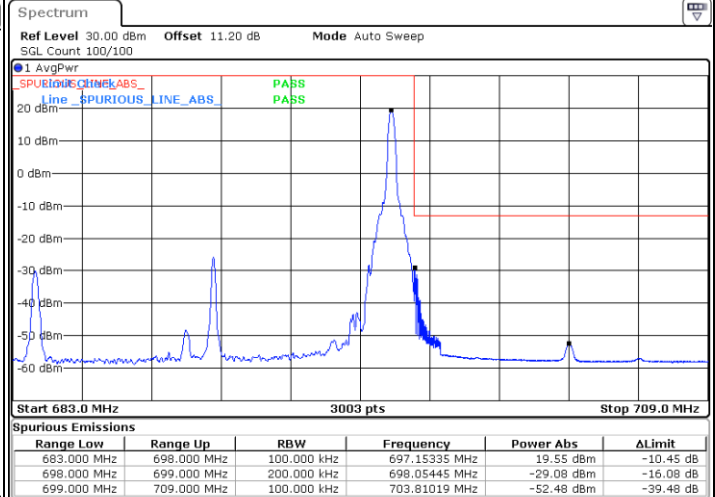


## LTE Band 71 / 15MHz / 64QAM

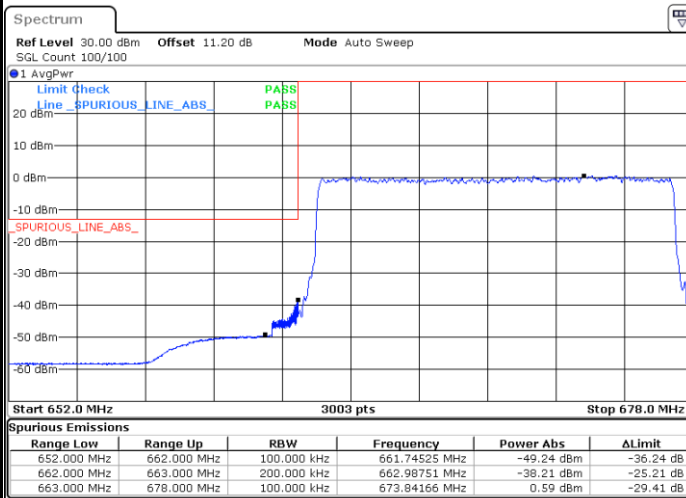
## Lowest Band Edge / 1 RB



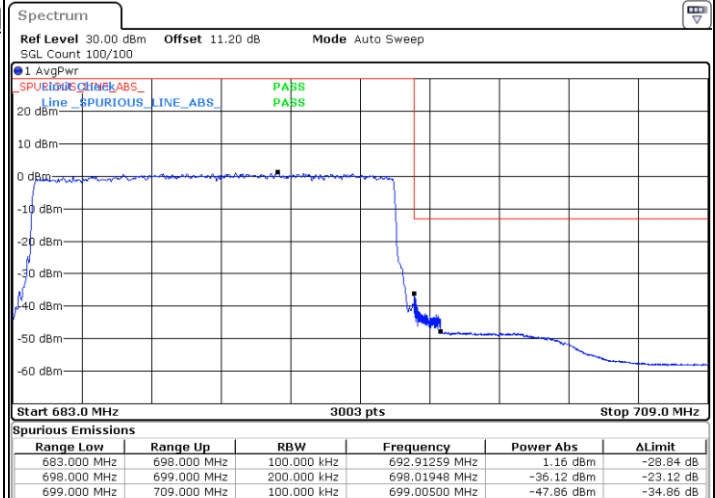
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



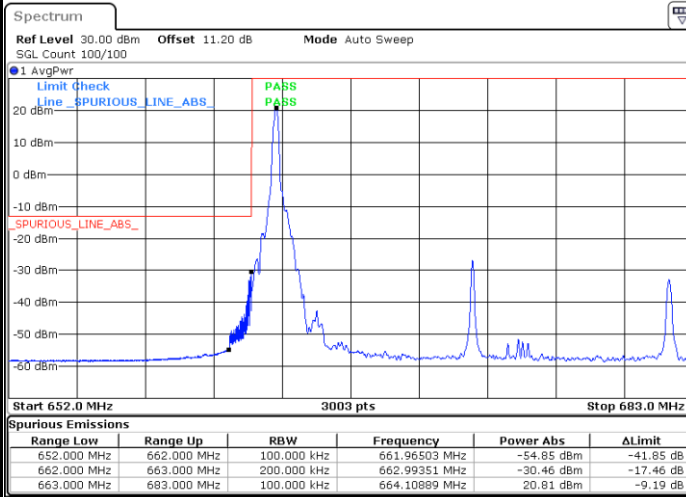
## Highest Band Edge / Full RB



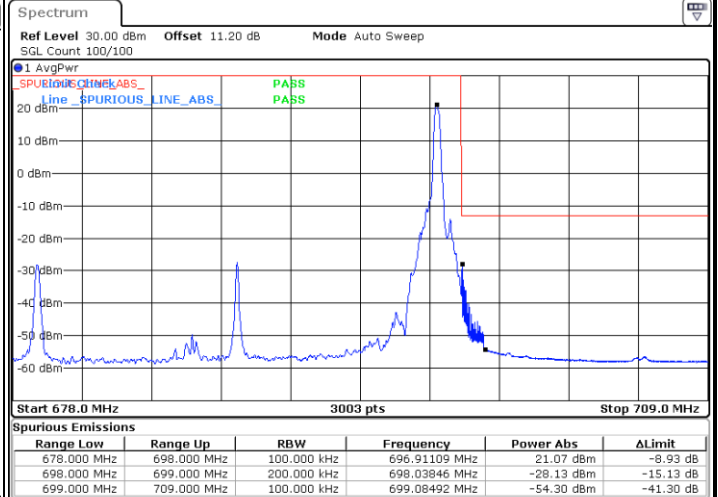


## LTE Band 71 / 20MHz / QPSK

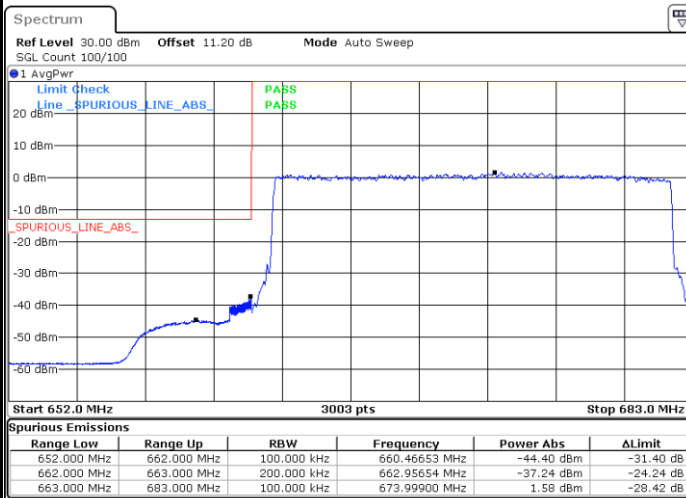
## Lowest Band Edge / 1 RB



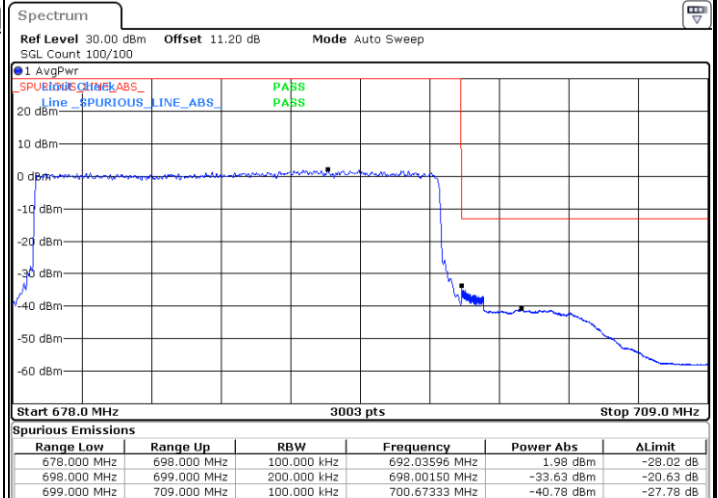
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



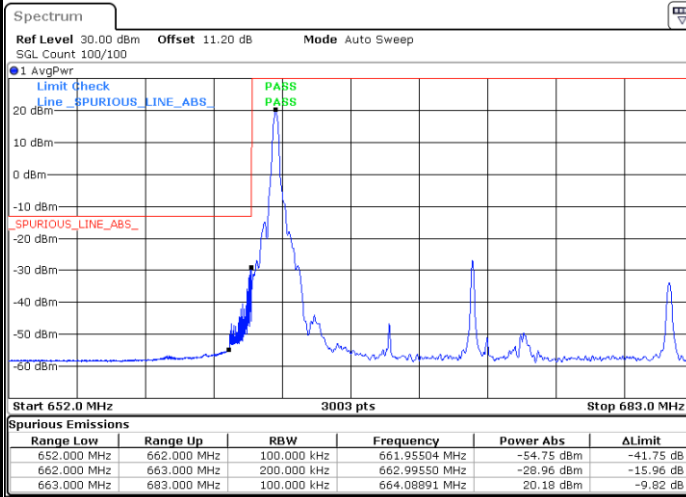
## Highest Band Edge / Full RB



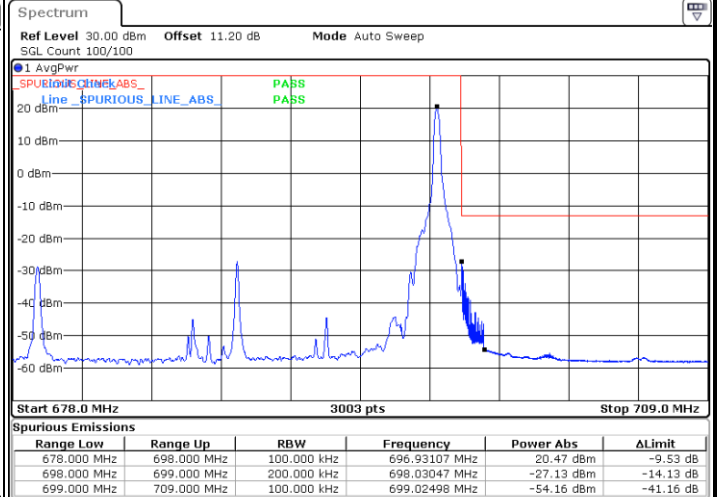


## LTE Band 71 / 20MHz / 16QAM

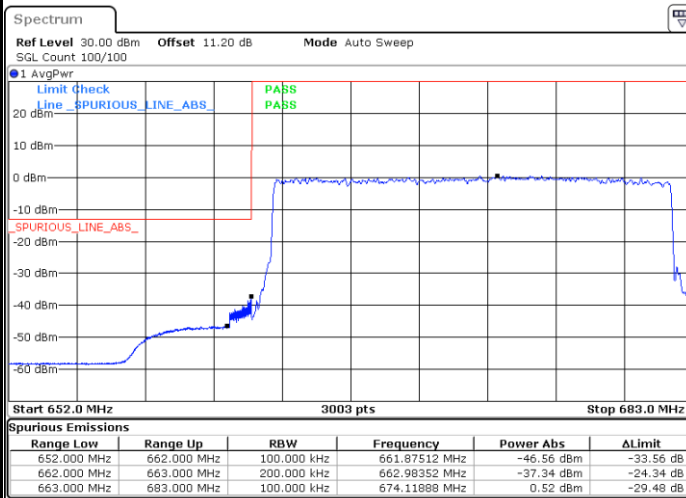
## Lowest Band Edge / 1 RB



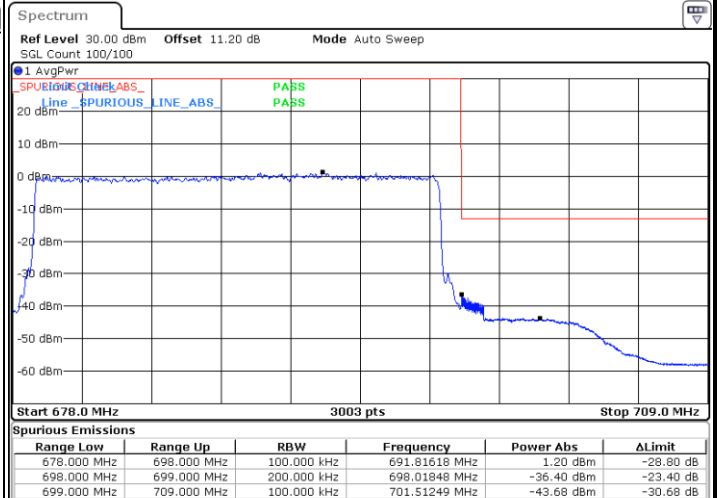
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



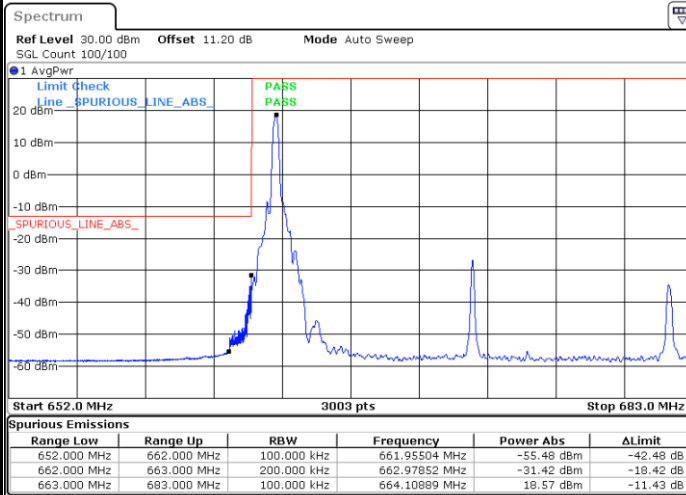
## Highest Band Edge / Full RB



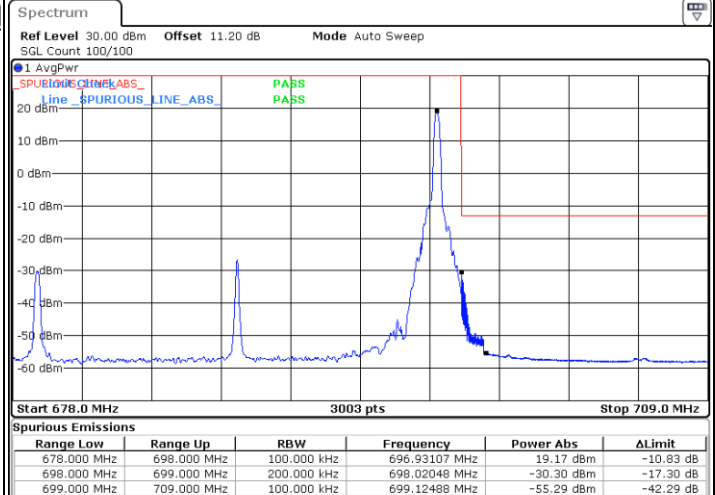


## LTE Band 71 / 20MHz / 64QAM

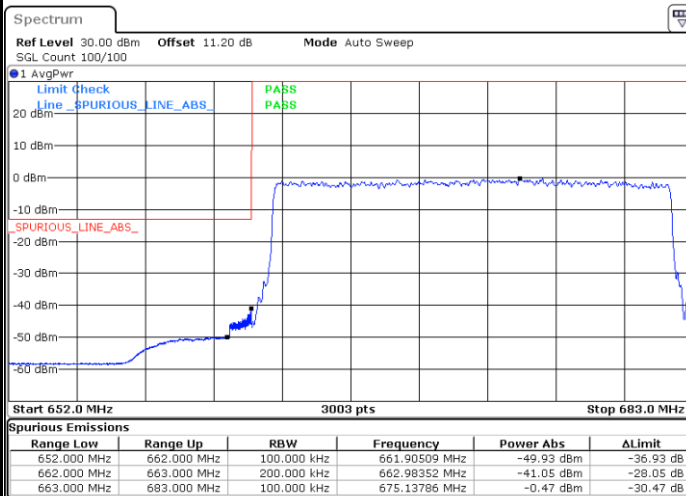
## Lowest Band Edge / 1 RB



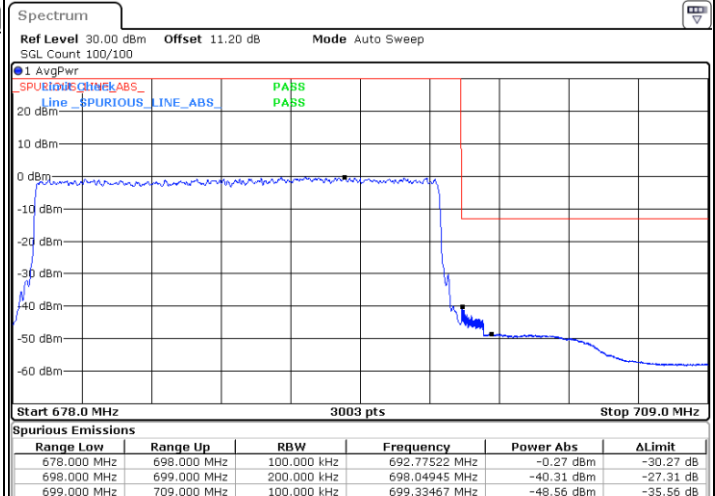
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

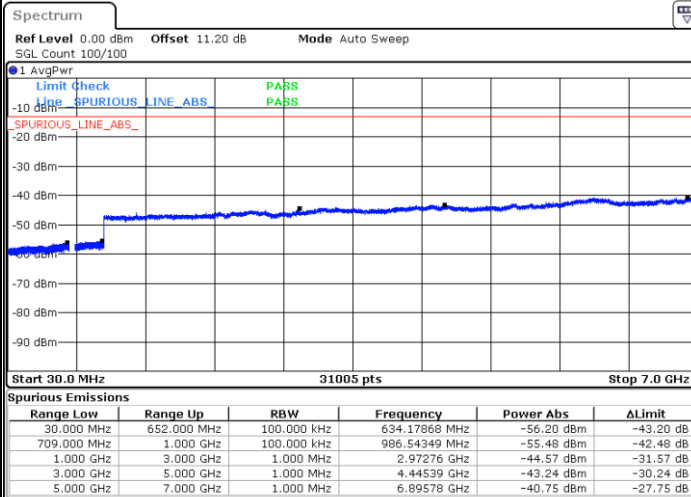




# Conducted Spurious Emission

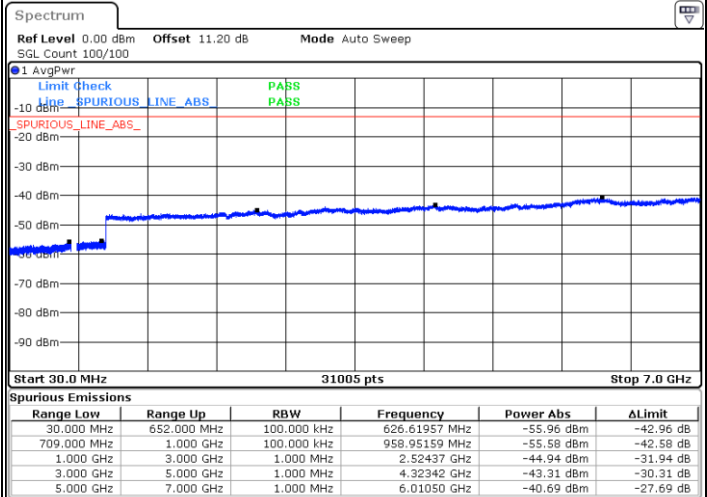
## LTE Band 71 / 5MHz

### Lowest Channel / QPSK



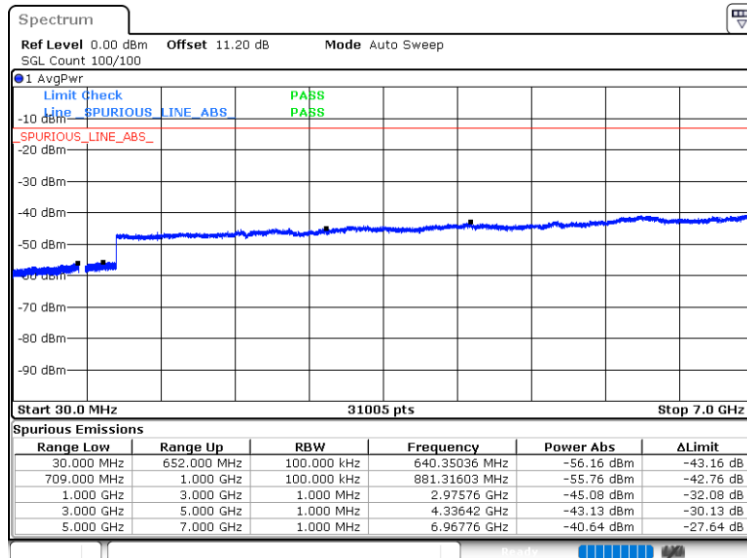
Date: 5.MAY.2022 23:58:38

### Middle Channel / QPSK



Date: 6.MAY.2022 00:01:41

### Highest Channel / QPSK

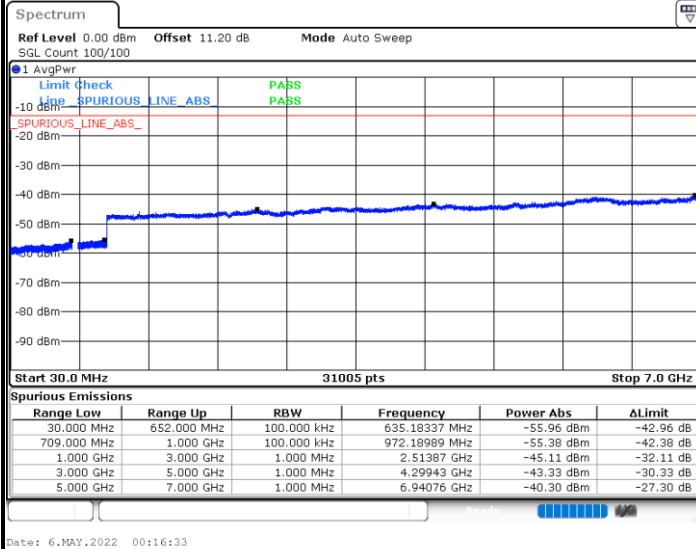


Date: 6.MAY.2022 00:06:45

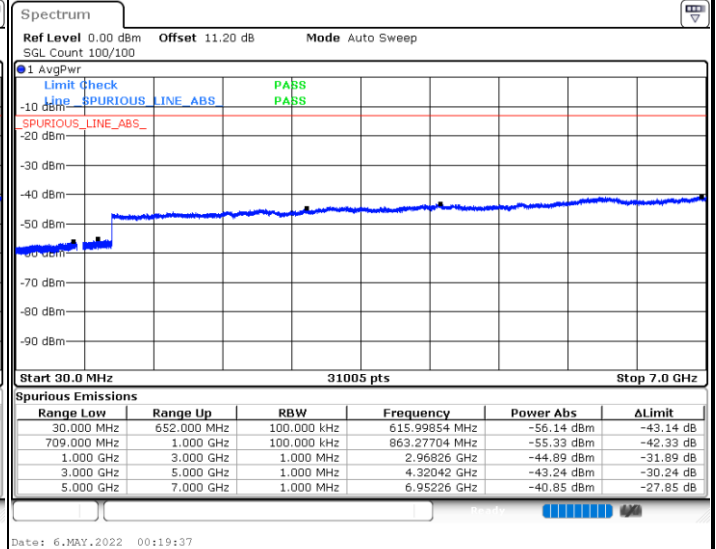


## LTE Band 71 / 10MHz

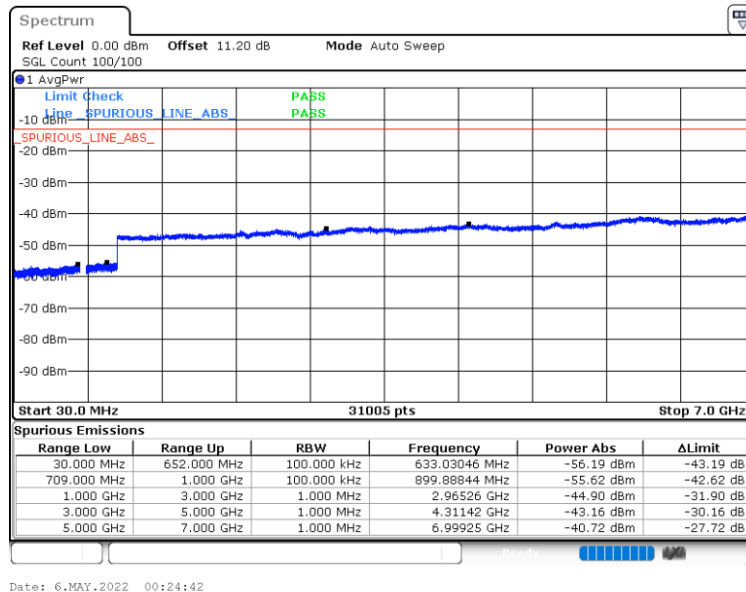
## Lowest Channel / QPSK



## Middle Channel / QPSK



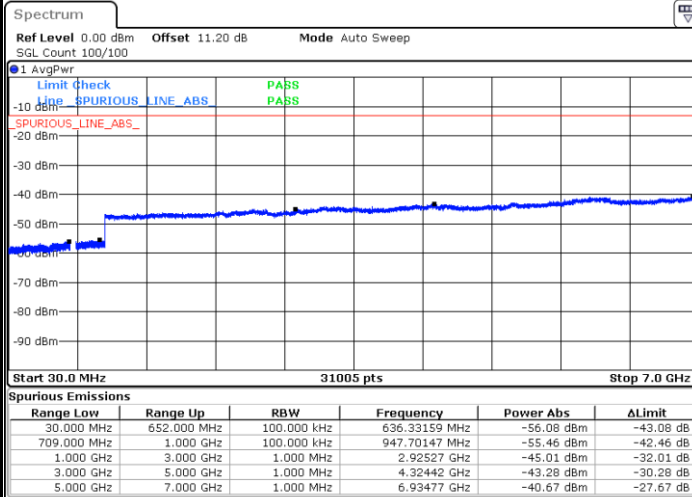
## Highest Channel / QPSK





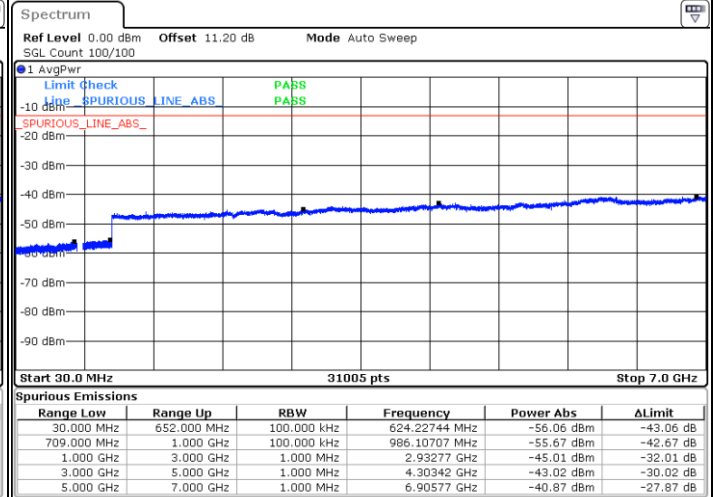
## LTE Band 71 / 15MHz

## Lowest Channel / QPSK



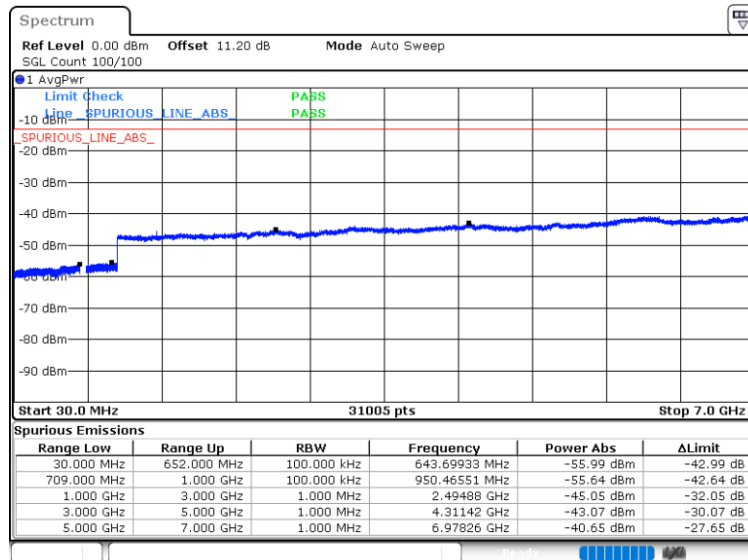
Date: 6.MAY.2022 00:34:30

## Middle Channel / QPSK



Date: 6.MAY.2022 00:37:33

## Highest Channel / QPSK

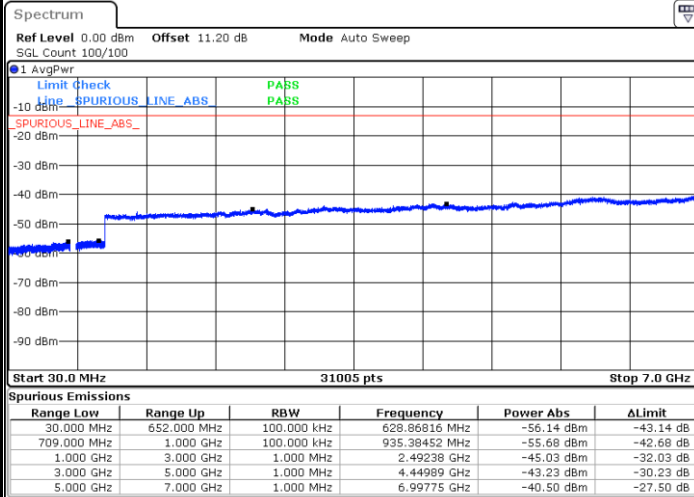


Date: 6.MAY.2022 00:42:37



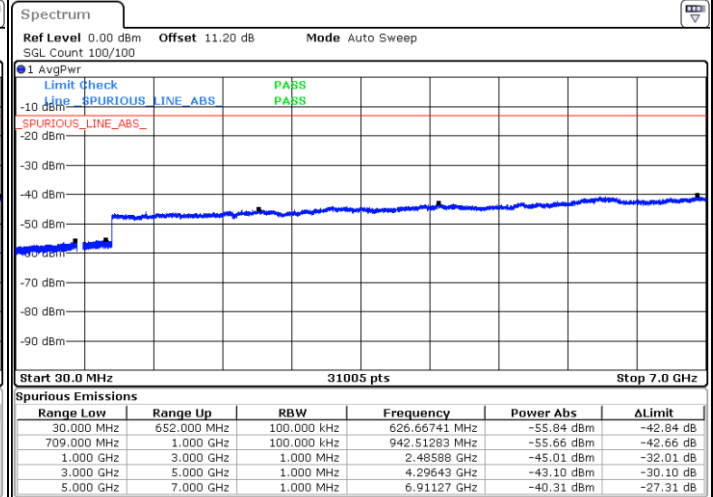
## LTE Band 71 / 20MHz

## Lowest Channel / QPSK



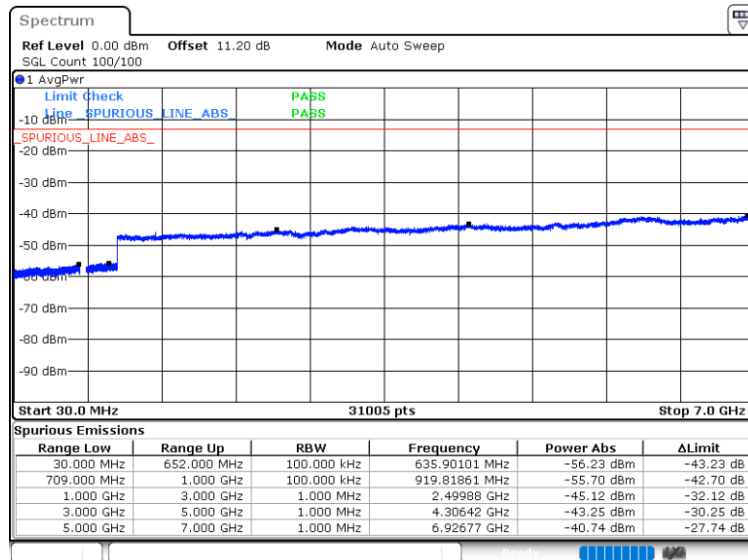
Date: 6.MAY.2022 00:52:26

## Middle Channel / QPSK



Date: 6.MAY.2022 00:55:29

## Highest Channel / QPSK



Date: 6.MAY.2022 01:00:33

## Frequency Stability

| Test Conditions     |                   | LTE Band 71 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0018                              | PASS    |
| 40                  | Normal Voltage    | 0.0040                              |         |
| 30                  | Normal Voltage    | 0.0047                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0031                              |         |
| 0                   | Normal Voltage    | 0.0047                              |         |
| -10                 | Normal Voltage    | 0.0059                              |         |
| -20                 | Normal Voltage    | 0.0053                              |         |
| -30                 | Normal Voltage    | 0.0115                              |         |
| 20                  | Maximum Voltage   | 0.0098                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0051                              |         |

**Note:**

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

LTE Band 26

| LTE Band 26 / 15MHz / 1RB0 QPSK |                      |                |                  |                  |                         |                          |                            |                             |                       |
|---------------------------------|----------------------|----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                         | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Margin<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                          | 1648                 | -63.74         | -13              | -50.74           | -75.56                  | -65.5                    | 0.98                       | 4.89                        | H                     |
|                                 | 2472                 | -60.22         | -13              | -47.22           | -77.17                  | -62.1                    | 1.28                       | 5.32                        | H                     |
|                                 | 3296                 | -58.69         | -13              | -45.69           | -77.4                   | -62.1                    | 1.54                       | 7.10                        | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 1648                 | -63.74         | -13              | -50.74           | -75.78                  | -65.5                    | 0.98                       | 4.89                        | V                     |
|                                 | 2472                 | -57.42         | -13              | -44.42           | -74.8                   | -59.3                    | 1.28                       | 5.32                        | V                     |
|                                 | 3296                 | -58.09         | -13              | -45.09           | -77.61                  | -61.5                    | 1.54                       | 7.10                        | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
| Middle                          | 1658                 | -64.47         | -13              | -51.47           | -76.01                  | -66.2                    | 0.98                       | 4.86                        | H                     |
|                                 | 2488                 | -59.37         | -13              | -46.37           | -76.51                  | -61.3                    | 1.29                       | 5.36                        | H                     |
|                                 | 3316                 | -58.91         | -13              | -45.91           | -77.73                  | -62.4                    | 1.55                       | 7.19                        | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 1658                 | -63.57         | -13              | -50.57           | -76.06                  | -65.3                    | 0.98                       | 4.86                        | V                     |
|                                 | 2488                 | -56.47         | -13              | -43.47           | -73.95                  | -58.4                    | 1.29                       | 5.36                        | V                     |
|                                 | 3316                 | -57.91         | -13              | -44.91           | -77.57                  | -61.4                    | 1.55                       | 7.19                        | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |       |      |      |   |
|---------|------|--------|-----|--------|--------|-------|------|------|---|
| Highest | 1668 | -64.41 | -13 | -51.41 | -76.26 | -66.1 | 0.99 | 4.83 | H |
|         | 2502 | -60.44 | -13 | -47.44 | -77.48 | -62.4 | 1.29 | 5.40 | H |
|         | 3336 | -58.72 | -13 | -45.72 | -78.11 | -62.3 | 1.55 | 7.28 | H |
|         |      |        |     |        |        |       |      |      | H |
|         |      |        |     |        |        |       |      |      | H |
|         |      |        |     |        |        |       |      |      | H |
|         | 1668 | -63.81 | -13 | -50.81 | -76.02 | -65.5 | 0.99 | 4.83 | V |
|         | 2502 | -59.14 | -13 | -46.14 | -76.22 | -61.1 | 1.29 | 5.40 | V |
|         | 3336 | -58.52 | -13 | -45.52 | -78.1  | -62.1 | 1.55 | 7.28 | 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 / 1RB0 QPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|---------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                          | 3702                 | -56.02          | -13              | -43.02           | -76.86                  | -62.59                   | 1.67                       | 8.24                        | H                     |
|                                 | 5550                 | -56.32          | -13              | -43.32           | -81.78                  | -63.39                   | 2.65                       | 9.72                        | H                     |
|                                 | 7398                 | -54.74          | -13              | -41.74           | -81.75                  | -63.87                   | 2.46                       | 11.60                       | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 3702                 | -56.01          | -13              | -43.01           | -76.85                  | -62.58                   | 1.67                       | 8.24                        | V                     |
|                                 | 5550                 | -56.26          | -13              | -43.26           | -81.63                  | -63.33                   | 2.65                       | 9.72                        | V                     |
|                                 | 7398                 | -54.54          | -13              | -41.54           | -81.81                  | -63.67                   | 2.46                       | 11.60                       | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                          | 3744                 | -56.91          | -13              | -43.91           | -77.77                  | -63.52                   | 1.68                       | 8.29                        | H                     |
|                                 | 5610                 | -56.19          | -13              | -43.19           | -81.68                  | -63.25                   | 2.69                       | 9.74                        | H                     |
|                                 | 7482                 | -54.05          | -13              | -41.05           | -81.2                   | -63.38                   | 2.44                       | 11.76                       | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 3744                 | -54.11          | -13              | -41.11           | -74.89                  | -60.72                   | 1.68                       | 8.29                        | V                     |
|                                 | 5610                 | -55.88          | -13              | -42.88           | -81.33                  | -62.94                   | 2.69                       | 9.74                        | V                     |
|                                 | 7482                 | -54.02          | -13              | -41.02           | -81.31                  | -63.35                   | 2.44                       | 11.76                       | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3792 | -57.18 | -13 | -44.18 | -77.79 | -63.83 | 1.70 | 8.35  | H |
|         | 5688 | -55.99 | -13 | -42.99 | -81.62 | -63.03 | 2.73 | 9.78  | H |
|         | 7578 | -54.12 | -13 | -41.12 | -81.55 | -63.56 | 2.40 | 11.85 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3792 | -54.88 | -13 | -41.88 | -75.65 | -61.53 | 1.70 | 8.35  | V |
|         | 5688 | -55.98 | -13 | -42.98 | -81.61 | -63.02 | 2.73 | 9.78  | V |
|         | 7578 | -53.78 | -13 | -40.78 | -81.41 | -63.22 | 2.40 | 11.85 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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

**LTE Band 66**

| LTE Band 66 / 20MHz / 1RB0 QPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|---------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                          | 3420                 | -54.66          | -13              | -41.66           | -75.26                  | -60.73                   | 1.58                       | 7.65                        | H                     |
|                                 | 5130                 | -56.76          | -13              | -43.76           | -80.88                  | -64.05                   | 2.41                       | 9.70                        | H                     |
|                                 | 6840                 | -54.71          | -13              | -41.71           | -81.86                  | -62.68                   | 2.64                       | 10.61                       | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 3420                 | -51.22          | -13              | -38.22           | -71.87                  | -57.29                   | 1.58                       | 7.65                        | V                     |
|                                 | 5130                 | -57.09          | -13              | -44.09           | -81.02                  | -64.38                   | 2.41                       | 9.70                        | V                     |
|                                 | 6840                 | -54.87          | -13              | -41.87           | -81.85                  | -62.84                   | 2.64                       | 10.61                       | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                          | 3474                 | -53.42          | -13              | -40.42           | -74.18                  | -59.71                   | 1.60                       | 7.89                        | H                     |
|                                 | 5208                 | -57.21          | -13              | -44.21           | -81.39                  | -64.45                   | 2.46                       | 9.70                        | H                     |
|                                 | 6942                 | -54.76          | -13              | -41.76           | -81.48                  | -62.88                   | 2.61                       | 10.73                       | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 3474                 | -49.23          | -13              | -36.23           | -69.96                  | -55.52                   | 1.60                       | 7.89                        | V                     |
|                                 | 5208                 | -57.27          | -13              | -44.27           | -81.29                  | -64.51                   | 2.46                       | 9.70                        | V                     |
|                                 | 6942                 | -54.13          | -13              | -41.13           | -80.86                  | -62.25                   | 2.61                       | 10.73                       | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3522 | -54.59 | -13 | -41.59 | -75.5  | -61.01 | 1.61 | 8.03  | H |
|         | 5280 | -56.69 | -13 | -43.69 | -81.2  | -63.89 | 2.50 | 9.70  | H |
|         | 7038 | -55.26 | -13 | -42.26 | -82.06 | -63.56 | 2.58 | 10.88 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3522 | -51.16 | -13 | -38.16 | -72.01 | -57.58 | 1.61 | 8.03  | V |
|         | 5280 | -57.02 | -13 | -44.02 | -81.4  | -64.22 | 2.50 | 9.70  | V |
|         | 7038 | -55.05 | -13 | -42.05 | -81.84 | -63.35 | 2.58 | 10.88 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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

**LTE Band 12**

| LTE Band 12 / 10MHz / 1RB0 QPSK |                      |                |                  |                  |                         |                          |                            |                             |                       |
|---------------------------------|----------------------|----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                         | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Margin<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                          | 1400                 | -64.44         | -13              | -51.44           | -74.29                  | -66.10                   | 0.87                       | 4.68                        | H                     |
|                                 | 2097                 | -59.62         | -13              | -46.62           | -74.94                  | -60.50                   | 1.16                       | 4.19                        | H                     |
|                                 | 2796                 | -59.70         | -13              | -46.70           | -77.06                  | -61.80                   | 1.38                       | 5.64                        | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 1400                 | -62.44         | -13              | -49.44           | -73.08                  | -64.10                   | 0.87                       | 4.68                        | V                     |
|                                 | 2097                 | -59.32         | -13              | -46.32           | -75.08                  | -60.20                   | 1.16                       | 4.19                        | V                     |
|                                 | 2796                 | -58.90         | -13              | -45.90           | -76.55                  | -61.00                   | 1.38                       | 5.64                        | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
| Middle                          | 1408                 | -53.99         | -13              | -40.99           | -63.59                  | -55.70                   | 0.87                       | 4.73                        | H                     |
|                                 | 2112                 | -55.38         | -13              | -42.38           | -70.50                  | -56.30                   | 1.17                       | 4.24                        | H                     |
|                                 | 2810                 | -59.69         | -13              | -46.69           | -77.09                  | -61.80                   | 1.39                       | 5.65                        | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 1408                 | -63.49         | -13              | -50.49           | -74.14                  | -65.20                   | 0.87                       | 4.73                        | V                     |
|                                 | 2108                 | -58.69         | -13              | -45.69           | -73.95                  | -59.60                   | 1.17                       | 4.22                        | V                     |
|                                 | 2810                 | -58.99         | -13              | -45.99           | -76.85                  | -61.10                   | 1.39                       | 5.65                        | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1416 | -65.05 | -13 | -52.05 | -75.13 | -66.80 | 0.87 | 4.78 | H |
|         | 2120 | -60.16 | -13 | -47.16 | -75.54 | -61.10 | 1.17 | 4.26 | H |
|         | 2824 | -60.08 | -13 | -47.08 | -77.37 | -62.20 | 1.39 | 5.66 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1416 | -64.85 | -13 | -51.85 | -75.21 | -66.60 | 0.87 | 4.78 | V |
|         | 2120 | -59.76 | -13 | -46.76 | -75.04 | -60.70 | 1.17 | 4.26 | V |
|         | 2824 | -59.18 | -13 | -46.18 | -77.59 | -61.30 | 1.39 | 5.66 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

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

**LTE Band 13**

| LTE Band 13 / 5MHz / 1RB0 QPSK |                      |                |                  |                  |                         |                          |                            |                             |                       |
|--------------------------------|----------------------|----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Margin<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                         | 1554                 | -64.54         | -13              | -51.54           | -75.54                  | -66.60                   | 0.94                       | 5.15                        | H                     |
|                                | 2331                 | -59.79         | -13              | -46.79           | -76.11                  | -61.30                   | 1.24                       | 4.89                        | H                     |
|                                | 3108                 | -59.46         | -13              | -46.46           | -77.46                  | -62.10                   | 1.48                       | 6.28                        | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                | 1554                 | -63.94         | -13              | -50.94           | -75.20                  | -66.00                   | 0.94                       | 5.15                        | V                     |
|                                | 2331                 | -59.69         | -13              | -46.69           | -76.32                  | -61.20                   | 1.24                       | 4.89                        | V                     |
|                                | 3108                 | -59.16         | -13              | -46.16           | -77.56                  | -61.80                   | 1.48                       | 6.28                        | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
| Middle                         | 1559                 | -64.75         | -42.15           | -22.60           | -75.63                  | -66.80                   | 0.94                       | 5.13                        | H                     |
|                                | 2339                 | -60.47         | -13              | -47.47           | -76.83                  | -62.00                   | 1.24                       | 4.92                        | H                     |
|                                | 3118                 | -59.62         | -13              | -46.62           | -77.68                  | -62.30                   | 1.48                       | 6.32                        | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                | 1559                 | -64.25         | -42.15           | -22.10           | -75.54                  | -66.30                   | 0.94                       | 5.13                        | V                     |
|                                | 2339                 | -58.77         | -13              | -45.77           | -75.68                  | -60.30                   | 1.24                       | 4.92                        | V                     |
|                                | 3118                 | -58.22         | -13              | -45.22           | -77.20                  | -60.90                   | 1.48                       | 6.32                        | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |        |        |        |        |      |      |   |
|---------|------|--------|--------|--------|--------|--------|------|------|---|
| Highest | 1564 | -64.57 | -42.15 | -22.42 | -75.51 | -66.60 | 0.94 | 5.12 | H |
|         | 2346 | -60.55 | -13    | -47.55 | -76.73 | -62.10 | 1.24 | 4.94 | H |
|         | 3128 | -59.77 | -13    | -46.77 | -77.81 | -62.50 | 1.49 | 6.36 | H |
|         |      |        |        |        |        |        |      |      | H |
|         |      |        |        |        |        |        |      |      | H |
|         |      |        |        |        |        |        |      |      | H |
|         | 1564 | -64.17 | -42.15 | -22.02 | -75.52 | -66.20 | 0.94 | 5.12 | V |
|         | 2346 | -58.55 | -13    | -45.55 | -4.76  | -60.10 | 1.24 | 4.94 | V |
|         | 3128 | -58.67 | -13    | -45.67 | -77.46 | -61.40 | 1.49 | 6.36 | V |
|         |      |        |        |        |        |        |      |      | V |
|         |      |        |        |        |        |        |      |      | V |
|         |      |        |        |        |        |        |      |      | V |

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

**LTE Band 7**

| LTE Band 7 / 20MHz / 1RB0 QPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|--------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                         | 5000                 | -57.44          | -25              | -32.44           | -80.95                  | -64.8                    | 2.34                       | 9.70                        | H                     |
|                                | 7500                 | -54.23          | -25              | -29.23           | -81.33                  | -63.6                    | 2.43                       | 11.80                       | H                     |
|                                | 10000                | -50.60          | -25              | -25.60           | -81.6                   | -60.1                    | 2.70                       | 12.20                       | H                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                | 5000                 | -57.84          | -25              | -32.84           | -81.38                  | -65.2                    | 2.34                       | 9.70                        | V                     |
|                                | 7500                 | -54.73          | -25              | -29.73           | -81.59                  | -64.1                    | 2.43                       | 11.80                       | V                     |
|                                | 10000                | -50.60          | -25              | -25.60           | -81.33                  | -60.1                    | 2.70                       | 12.20                       | V                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                         | 5052                 | -56.77          | -25              | -31.77           | -80.49                  | -64.1                    | 2.37                       | 9.70                        | H                     |
|                                | 7575                 | -53.86          | -25              | -28.86           | -81.16                  | -63.3                    | 2.41                       | 11.85                       | H                     |
|                                | 10100                | -49.76          | -25              | -24.76           | -81.1                   | -59.3                    | 2.70                       | 12.24                       | H                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                | 5052                 | -55.97          | -25              | -30.97           | -79.29                  | -63.3                    | 2.37                       | 9.70                        | V                     |
|                                | 7575                 | -53.76          | -25              | -28.76           | -81.35                  | -63.2                    | 2.41                       | 11.85                       | V                     |
|                                | 10100                | -50.16          | -25              | -25.16           | -81.48                  | -59.7                    | 2.70                       | 12.24                       | V                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |       |      |       |   |
|---------|-------|--------|-----|--------|--------|-------|------|-------|---|
| Highest | 5100  | -57.29 | -25 | -32.29 | -80.99 | -64.6 | 2.39 | 9.70  | H |
|         | 7650  | -54.59 | -25 | -29.59 | -81.62 | -64.1 | 2.38 | 11.89 | H |
|         | 10206 | -49.61 | -25 | -24.61 | -81.53 | -59.2 | 2.70 | 12.28 | H |
|         |       |        |     |        |        |       |      |       | H |
|         |       |        |     |        |        |       |      |       | H |
|         |       |        |     |        |        |       |      |       | H |
|         | 5100  | -55.99 | -25 | -30.99 | -80.43 | -63.3 | 2.39 | 9.70  | V |
|         | 7650  | -53.89 | -25 | -28.89 | -81.56 | -63.4 | 2.38 | 11.89 | V |
|         | 10206 | -50.11 | -25 | -25.11 | -81.32 | -59.7 | 2.70 | 12.28 | V |
|         |       |        |     |        |        |       |      |       | V |
|         |       |        |     |        |        |       |      |       | V |
|         |       |        |     |        |        |       |      |       | V |

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

**LTE Band 41**

| LTE Band 41 / 20MHz / 1RB0 QPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|---------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                         | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<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                          | 4992                 | -57.32          | -25              | -32.32           | -81.26                  | -64.67                   | 2.33                       | 9.68                        | H                     |
|                                 | 7488                 | -54.32          | -25              | -29.32           | -81.49                  | -63.66                   | 2.43                       | 11.78                       | H                     |
|                                 | 9990                 | -50.34          | -25              | -25.34           | -81.62                  | -59.85                   | 2.69                       | 12.21                       | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 4992                 | -56.51          | -25              | -31.51           | -80.28                  | -63.86                   | 2.33                       | 9.68                        | V                     |
|                                 | 7488                 | -54.02          | -25              | -29.02           | -81.51                  | -63.36                   | 2.43                       | 11.78                       | V                     |
|                                 | 9990                 | -50.64          | -25              | -25.64           | -81.91                  | -60.15                   | 2.69                       | 12.21                       | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                          | 5166                 | -56.88          | -25              | -31.88           | -81.01                  | -64.15                   | 2.43                       | 9.70                        | H                     |
|                                 | 7752                 | -53.63          | -25              | -28.63           | -81.4                   | -63.23                   | 2.35                       | 11.95                       | H                     |
|                                 | 10332                | -49.50          | -25              | -24.50           | -81.86                  | -59.14                   | 2.69                       | 12.33                       | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                 | 5166                 | -56.51          | -25              | -31.51           | -80.49                  | -63.78                   | 2.43                       | 9.70                        | V                     |
|                                 | 7752                 | -53.47          | -25              | -28.47           | -81.53                  | -63.07                   | 2.35                       | 11.95                       | V                     |
|                                 | 10332                | -49.24          | -25              | -24.24           | -81.59                  | -58.88                   | 2.69                       | 12.33                       | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5340  | -56.38 | -25 | -31.38 | -80.97 | -63.55 | 2.53 | 9.70  | H |
|         | 8010  | -52.77 | -25 | -27.77 | -81.15 | -62.61 | 2.27 | 12.11 | H |
|         | 10674 | -48.55 | -25 | -23.55 | -81.95 | -58.29 | 2.69 | 12.43 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5340  | -51.71 | -25 | -26.71 | -76.33 | -58.88 | 2.53 | 9.70  | V |
|         | 8010  | -52.72 | -25 | -27.72 | -81.38 | -62.56 | 2.27 | 12.11 | V |
|         | 10674 | -48.81 | -25 | -23.81 | -81.88 | -58.55 | 2.69 | 12.43 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

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

**LTE Band 71**

| LTE Band 71 / 5MHz / 1RB0 QPSK |                      |                |                  |                  |                         |                          |                            |                             |                       |
|--------------------------------|----------------------|----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                        | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Margin<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                         | 1328                 | -64.67         | -13              | -51.67           | -74.57                  | -65.92                   | 0.84                       | 4.23                        | H                     |
|                                | 1989                 | -60.81         | -13              | -47.81           | -75.7                   | -61.46                   | 1.13                       | 3.93                        | H                     |
|                                | 2652                 | -59.70         | -13              | -46.70           | -77.05                  | -61.73                   | 1.34                       | 5.52                        | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                | 1328                 | -64.29         | -13              | -51.29           | -74.6                   | -65.54                   | 0.84                       | 4.23                        | V                     |
|                                | 1989                 | -60.48         | -13              | -47.48           | -75.69                  | -61.13                   | 1.13                       | 3.93                        | V                     |
|                                | 2652                 | -58.98         | -13              | -45.98           | -76.94                  | -61.01                   | 1.34                       | 5.52                        | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
| Middle                         | 1352                 | -64.84         | -13              | -51.84           | -74.86                  | -66.23                   | 0.85                       | 4.38                        | H                     |
|                                | 2034                 | -61.15         | -13              | -48.15           | -76.31                  | -61.86                   | 1.14                       | 4.00                        | H                     |
|                                | 2712                 | -59.43         | -13              | -46.43           | -76.92                  | -61.49                   | 1.36                       | 5.57                        | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                | 1352                 | -64.08         | -13              | -51.08           | -74.54                  | -65.47                   | 0.85                       | 4.38                        | V                     |
|                                | 2034                 | -60.98         | -13              | -47.98           | -76.46                  | -61.69                   | 1.14                       | 4.00                        | V                     |
|                                | 2712                 | -58.59         | -13              | -45.59           | -76.77                  | -60.65                   | 1.36                       | 5.57                        | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                |                      |                |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1384 | -64.29 | -13 | -51.29 | -74.44 | -65.86 | 0.86 | 4.58 | H |
|         | 2079 | -60.95 | -13 | -47.95 | -76.25 | -61.78 | 1.16 | 4.14 | H |
|         | 2772 | -59.47 | -13 | -46.47 | -77.07 | -61.56 | 1.38 | 5.62 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1384 | -64.09 | -13 | -51.09 | -74.7  | -65.66 | 0.86 | 4.58 | V |
|         | 2079 | -60.74 | -13 | -47.74 | -76.37 | -61.57 | 1.16 | 4.14 | V |
|         | 2772 | -58.22 | -13 | -45.22 | -76.56 | -60.31 | 1.38 | 5.62 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

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

**LTE Band 5B**

| LTE Band 5B / 10MHz+10MHz / 1RB49 QPSK+1RB0 QPSK |                      |                |                  |                  |                         |                          |                            |                             |                       |
|--------------------------------------------------|----------------------|----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                          | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Margin<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                                           | 1668                 | -63.83         | -13              | -50.83           | -75.86                  | -65.52                   | 0.99                       | 4.83                        | H                     |
|                                                  | 2504                 | -59.48         | -13              | -46.48           | -76.63                  | -61.44                   | 1.29                       | 5.40                        | H                     |
|                                                  | 3336                 | -58.34         | -13              | -45.34           | -77.82                  | -61.92                   | 1.55                       | 7.28                        | H                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                                  | 1668                 | -62.89         | -13              | -49.89           | -75.5                   | -64.58                   | 0.99                       | 4.83                        | V                     |
|                                                  | 2504                 | -57.57         | -13              | -44.57           | -75.21                  | -59.53                   | 1.29                       | 5.40                        | V                     |
|                                                  | 3336                 | -58.06         | -13              | -45.06           | -77.82                  | -61.64                   | 1.55                       | 7.28                        | V                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | V                     |
| Middle                                           | 1672                 | -63.51         | -13              | -50.51           | -75.69                  | -65.19                   | 0.99                       | 4.82                        | H                     |
|                                                  | 2512                 | -59.96         | -13              | -46.96           | -77.2                   | -61.93                   | 1.29                       | 5.41                        | H                     |
|                                                  | 3344                 | -58.22         | -13              | -45.22           | -77.83                  | -61.83                   | 1.56                       | 7.31                        | H                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | H                     |
|                                                  | 1672                 | -62.87         | -13              | -49.87           | -75.5                   | -64.55                   | 0.99                       | 4.82                        | V                     |
|                                                  | 2512                 | -57.26         | -13              | -44.26           | -74.94                  | -59.23                   | 1.29                       | 5.41                        | V                     |
|                                                  | 3344                 | -58.26         | -13              | -45.26           | -78.01                  | -61.87                   | 1.56                       | 7.31                        | V                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | V                     |
|                                                  |                      |                |                  |                  |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1680 | -63.17 | -13 | -50.17 | -75.37 | -64.82 | 0.99 | 4.80 | H |
|         | 2520 | -59.77 | -13 | -46.77 | -76.98 | -61.74 | 1.30 | 5.42 | H |
|         | 3352 | -58.05 | -13 | -45.05 | -77.74 | -61.69 | 1.56 | 7.35 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1680 | -63.12 | -13 | -50.12 | -75.66 | -64.77 | 0.99 | 4.80 | V |
|         | 2520 | -57.78 | -13 | -44.78 | -75.44 | -59.75 | 1.30 | 5.42 | V |
|         | 3352 | -57.97 | -13 | -44.97 | -77.81 | -61.61 | 1.56 | 7.35 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

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

**LTE Band 7C**

| LTE Band 7C / 20MHz+20MHz / 1RB99 QPSK+1RB0 QPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|--------------------------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                          | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<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                                           | 5040                 | -56.96          | -25              | -31.96           | -80.55                  | -64.3                    | 2.36                       | 9.70                        | H                     |
|                                                  | 7560                 | -54.47          | -25              | -29.47           | -81.25                  | -63.9                    | 2.41                       | 11.84                       | H                     |
|                                                  | 10080                | -50.06          | -25              | -25.06           | -81.33                  | -59.6                    | 2.70                       | 12.23                       | H                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                  | 5040                 | -56.96          | -25              | -31.96           | -80.29                  | -64.3                    | 2.36                       | 9.70                        | V                     |
|                                                  | 7560                 | -53.87          | -25              | -28.87           | -81.3                   | -63.3                    | 2.41                       | 11.84                       | V                     |
|                                                  | 10080                | -50.06          | -25              | -25.06           | -81.48                  | -59.6                    | 2.70                       | 12.23                       | V                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                                           | 5186                 | -57.04          | -25              | -32.04           | -80.6                   | -64.3                    | 2.44                       | 9.70                        | H                     |
|                                                  | 7779                 | -53.97          | -25              | -28.97           | -81.48                  | -63.6                    | 2.34                       | 11.97                       | H                     |
|                                                  | 10372                | -49.94          | -25              | -24.94           | -81.68                  | -59.6                    | 2.69                       | 12.35                       | H                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                  | 5186                 | -57.54          | -25              | -32.54           | -80.98                  | -64.8                    | 2.44                       | 9.70                        | V                     |
|                                                  | 7779                 | -53.67          | -25              | -28.67           | -81.53                  | -63.3                    | 2.34                       | 11.97                       | V                     |
|                                                  | 10372                | -49.94          | -25              | -24.94           | -81.71                  | -59.6                    | 2.69                       | 12.35                       | V                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                                  |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |       |      |       |   |
|---------|-------|--------|-----|--------|--------|-------|------|-------|---|
| Highest | 5340  | -57.13 | -25 | -32.13 | -81.21 | -64.3 | 2.53 | 9.70  | H |
|         | 8010  | -53.46 | -25 | -28.46 | -81.22 | -63.3 | 2.27 | 12.11 | H |
|         | 10680 | -48.65 | -25 | -23.65 | -81.44 | -58.4 | 2.69 | 12.44 | H |
|         |       |        |     |        |        |       |      |       | H |
|         |       |        |     |        |        |       |      |       | H |
|         |       |        |     |        |        |       |      |       | H |
|         | 5340  | -56.43 | -25 | -31.43 | -80.73 | -63.6 | 2.53 | 9.70  | V |
|         | 8010  | -52.06 | -25 | -27.06 | -80.65 | -61.9 | 2.27 | 12.11 | V |
|         | 10680 | -48.75 | -25 | -23.75 | -81.26 | -58.5 | 2.69 | 12.44 | V |
|         |       |        |     |        |        |       |      |       | V |
|         |       |        |     |        |        |       |      |       | V |
|         |       |        |     |        |        |       |      |       | V |

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

**LTE Band 41C**

| LTE Band 41C / 20MHz+20MHz / 1RB99 QPSK+1RB0 QPSK |                      |                 |                  |                  |                         |                          |                            |                             |                       |
|---------------------------------------------------|----------------------|-----------------|------------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                           | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Margin<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                                            | 5032                 | -56.76          | -25              | -31.76           | -80.66                  | -64.1                    | 2.36                       | 9.70                        | H                     |
|                                                   | 7548                 | -54.48          | -25              | -29.48           | -81.5                   | -63.9                    | 2.41                       | 11.83                       | H                     |
|                                                   | 10064                | -50.37          | -25              | -25.37           | -81.6                   | -59.9                    | 2.70                       | 12.23                       | H                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                   | 5032                 | -56.86          | -25              | -31.86           | -80.39                  | -64.2                    | 2.36                       | 9.70                        | V                     |
|                                                   | 7548                 | -53.88          | -25              | -28.88           | -81.25                  | -63.3                    | 2.41                       | 11.83                       | V                     |
|                                                   | 10064                | -50.57          | -25              | -25.57           | -81.83                  | -60.1                    | 2.70                       | 12.23                       | V                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
| Middle                                            | 5184                 | -56.84          | -25              | -31.84           | -80.44                  | -64.1                    | 2.44                       | 9.70                        | H                     |
|                                                   | 7779                 | -53.87          | -25              | -28.87           | -81.54                  | -63.5                    | 2.34                       | 11.97                       | H                     |
|                                                   | 10372                | -49.14          | -25              | -24.14           | -81.32                  | -58.8                    | 2.69                       | 12.35                       | H                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | H                     |
|                                                   | 5184                 | -55.54          | -25              | -30.54           | -79.19                  | -62.8                    | 2.44                       | 9.70                        | V                     |
|                                                   | 7779                 | -53.67          | -25              | -28.67           | -81.5                   | -63.3                    | 2.34                       | 11.97                       | V                     |
|                                                   | 10372                | -49.64          | -25              | -24.64           | -81.72                  | -59.3                    | 2.69                       | 12.35                       | V                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |
|                                                   |                      |                 |                  |                  |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |       |      |       |   |
|---------|-------|--------|-----|--------|--------|-------|------|-------|---|
| Highest | 5340  | -55.93 | -25 | -30.93 | -80.19 | -63.1 | 2.53 | 9.70  | H |
|         | 8010  | -53.06 | -25 | -28.06 | -81.2  | -62.9 | 2.27 | 12.11 | H |
|         | 10674 | -48.76 | -25 | -23.76 | -81.54 | -58.5 | 2.69 | 12.43 | H |
|         |       |        |     |        |        |       |      |       | H |
|         |       |        |     |        |        |       |      |       | H |
|         |       |        |     |        |        |       |      |       | H |
|         | 5340  | -54.03 | -25 | -29.03 | -78.58 | -61.2 | 2.53 | 9.70  | V |
|         | 8010  | -52.56 | -25 | -27.56 | -81.25 | -62.4 | 2.27 | 12.11 | V |
|         | 10674 | -48.46 | -25 | -23.46 | -81.34 | -58.2 | 2.69 | 12.43 | V |
|         |       |        |     |        |        |       |      |       | V |
|         |       |        |     |        |        |       |      |       | V |
|         |       |        |     |        |        |       |      |       | V |

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