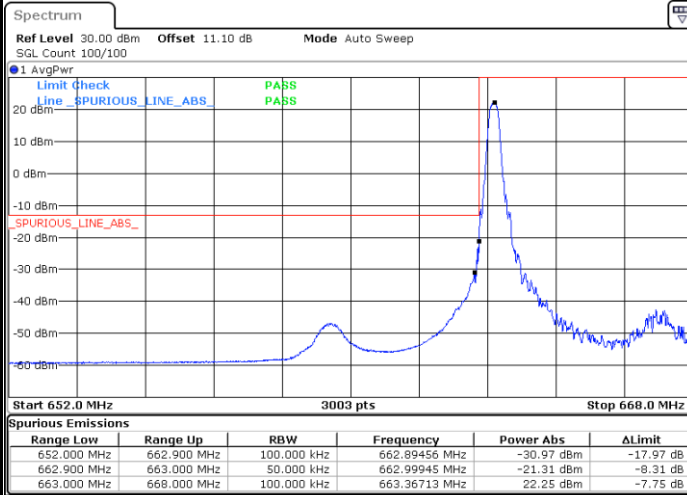




# Conducted Band Edge

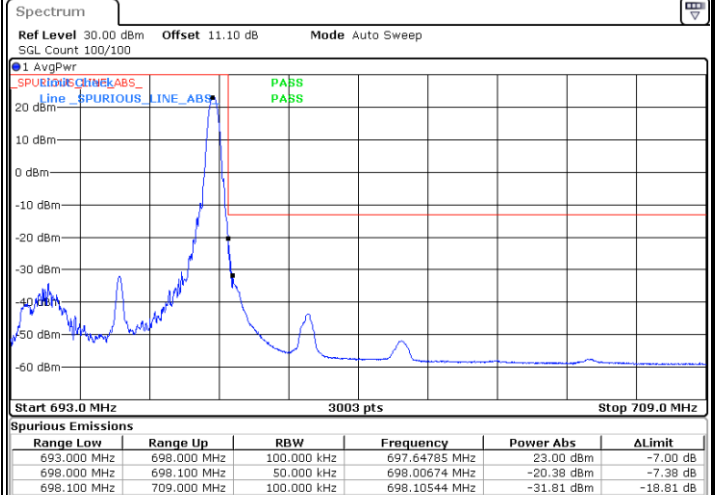
## LTE Band 71 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



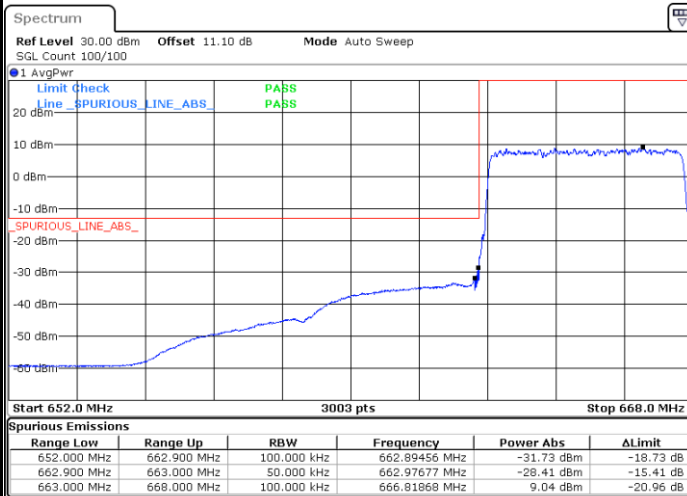
Date: 24 MAR 2021 03:25:32

### Highest Band Edge / 1 RB



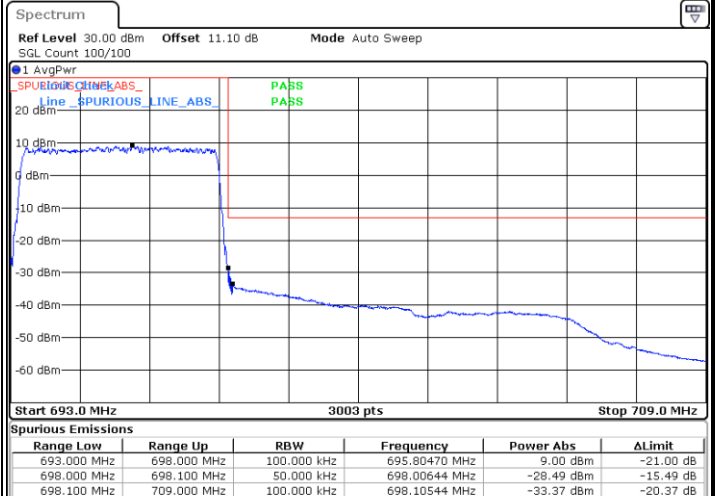
Date: 24 MAR 2021 03:32:53

### Lowest Band Edge / Full RB



Date: 24 MAR 2021 03:27:10

### Highest Band Edge / Full RB

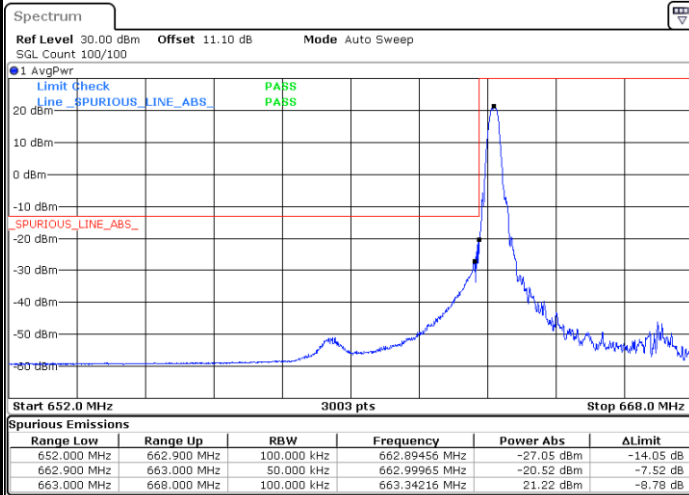


Date: 24 MAR 2021 03:34:33



## LTE Band 71 / 5MHz / 16QAM

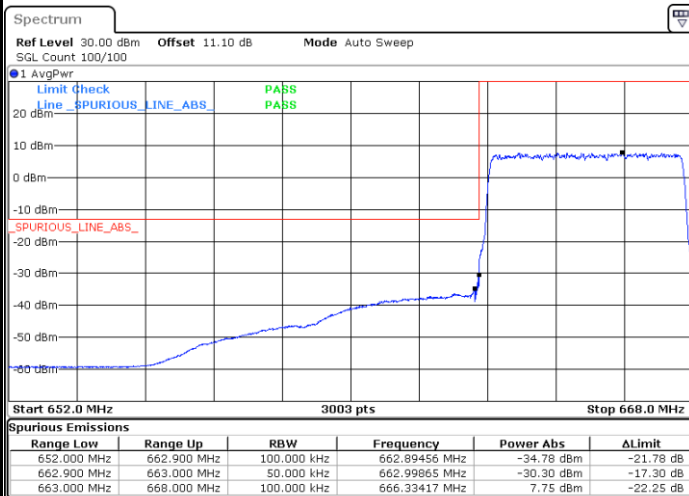
## Lowest Band Edge / 1RB



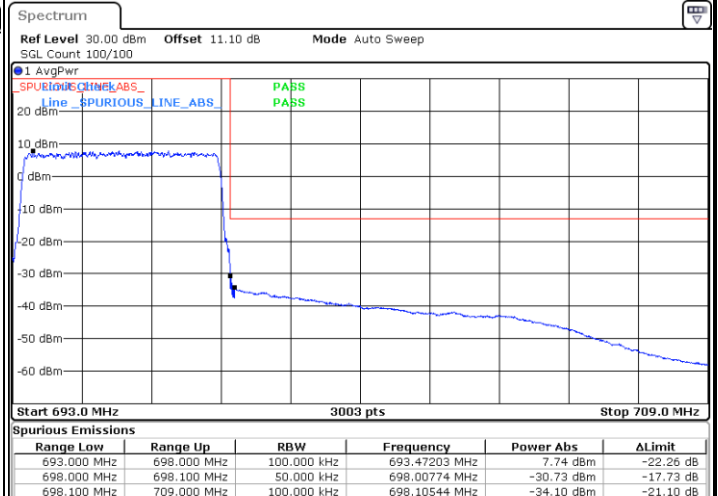
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



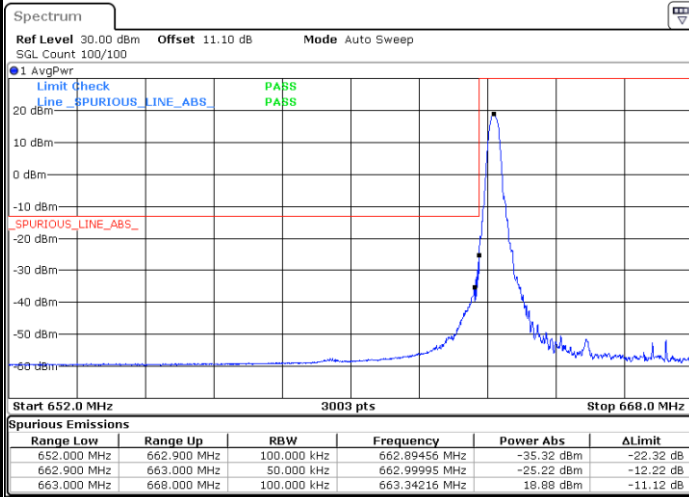
## Highest Band Edge / Full RB



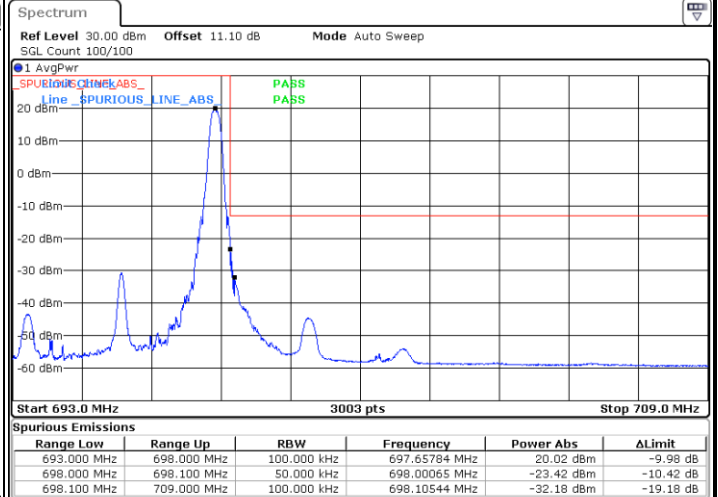


## LTE Band 71 / 5MHz / 64QAM

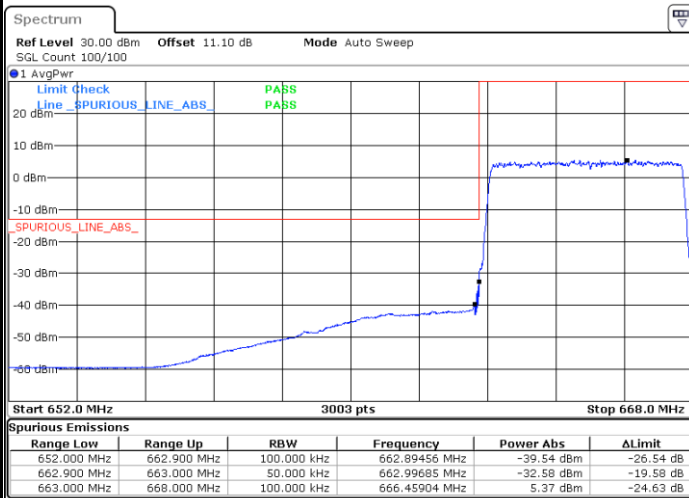
## Lowest Band Edge / 1RB



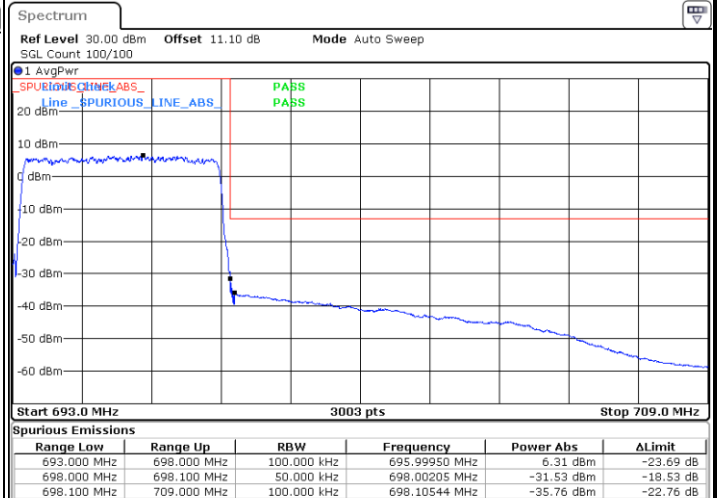
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



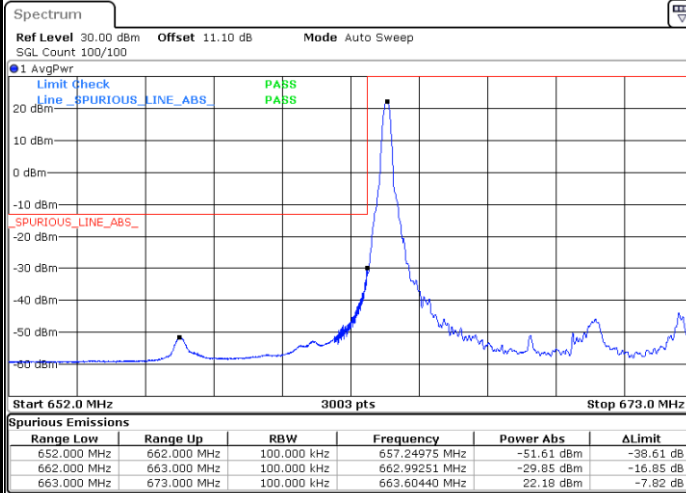
## Highest Band Edge / Full RB



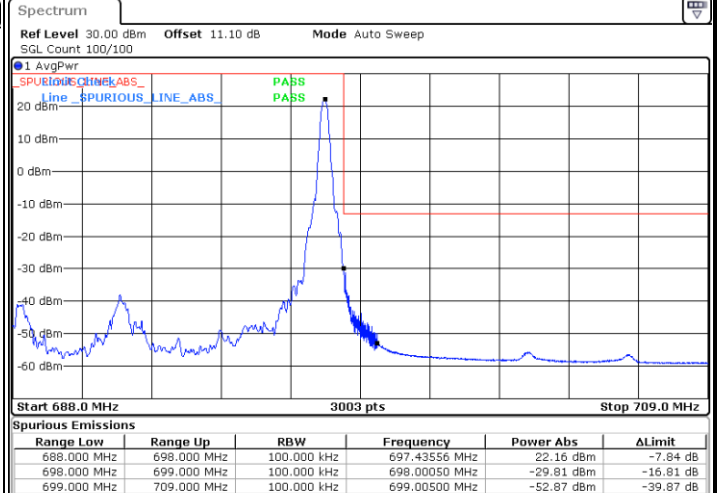


## LTE Band 71 / 10MHz / QPSK

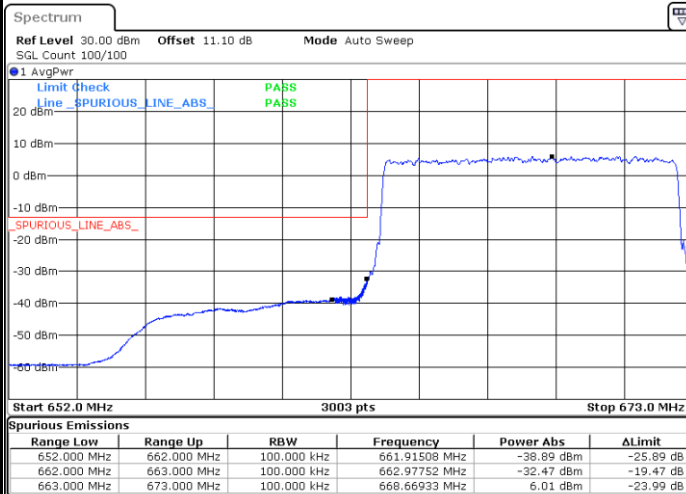
## Lowest Band Edge / 1 RB



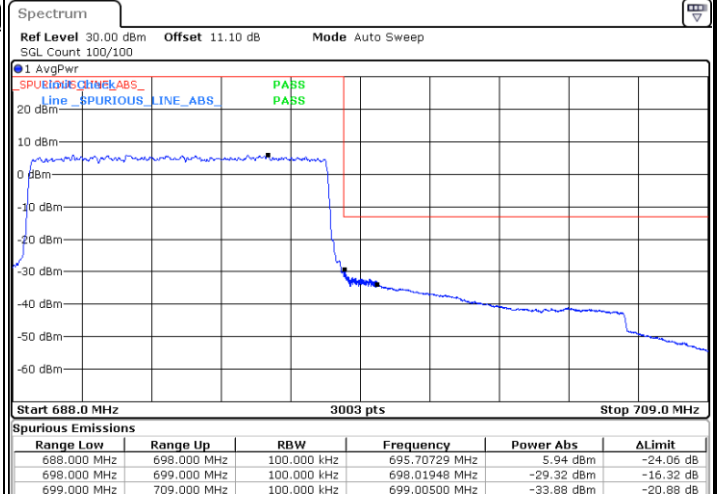
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



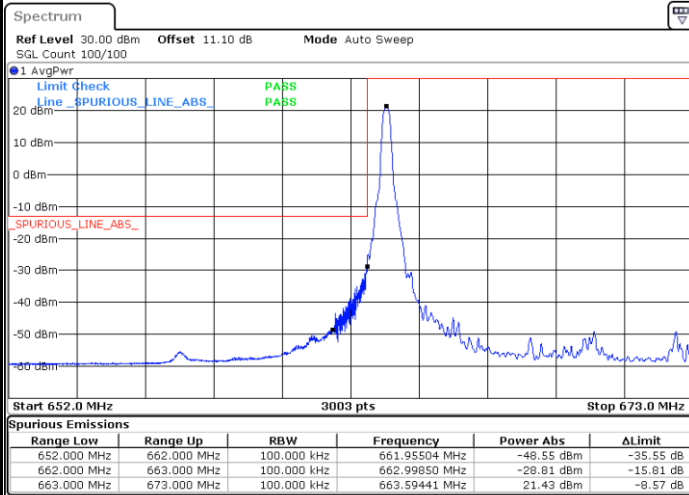
## Highest Band Edge / Full RB



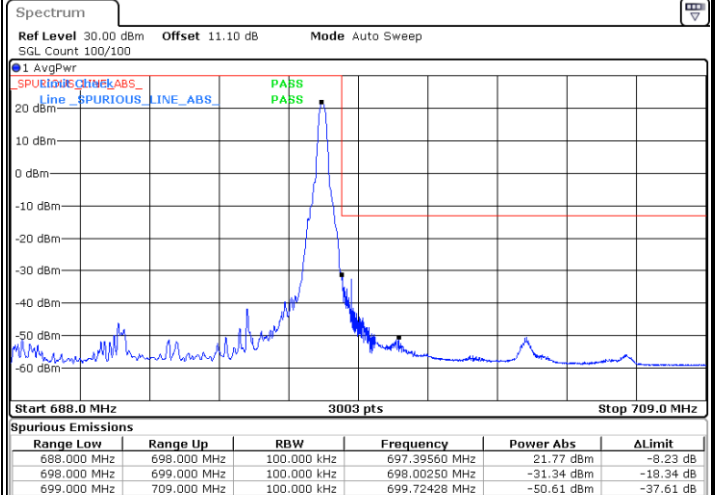


## LTE Band 71 / 10MHz / 16QAM

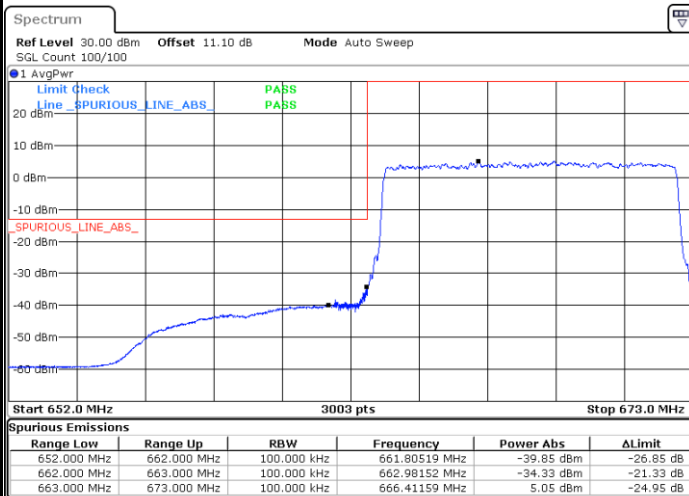
## Lowest Band Edge / 1 RB



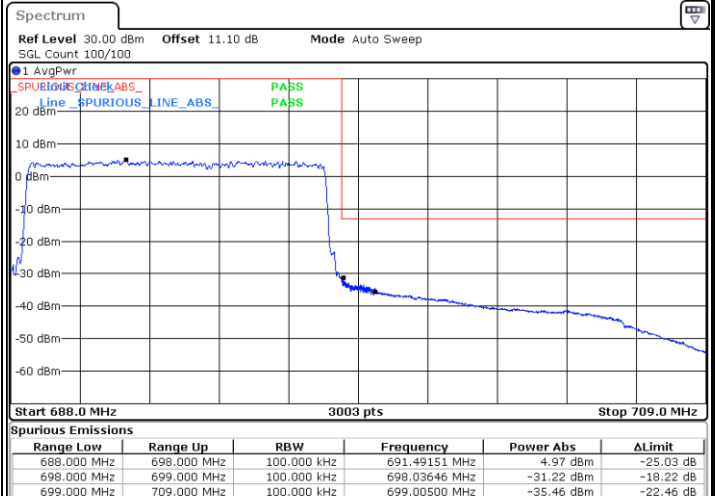
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



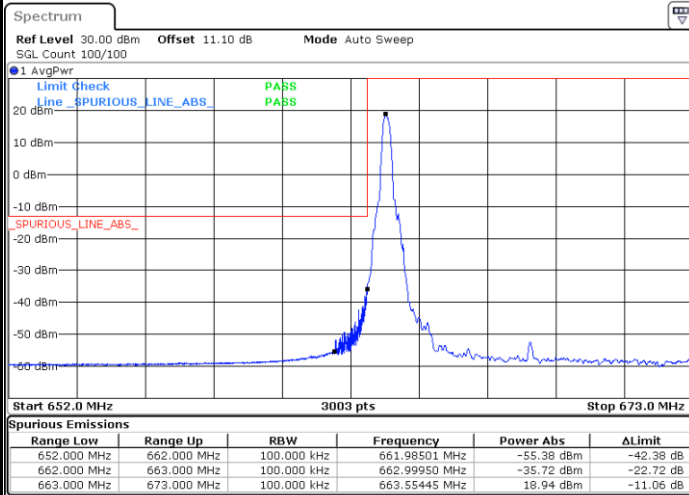
## Highest Band Edge / Full RB



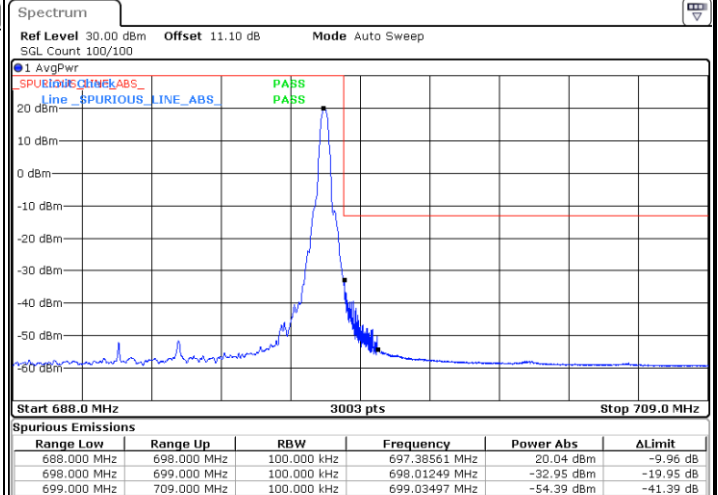


## LTE Band 71 / 10MHz / 64QAM

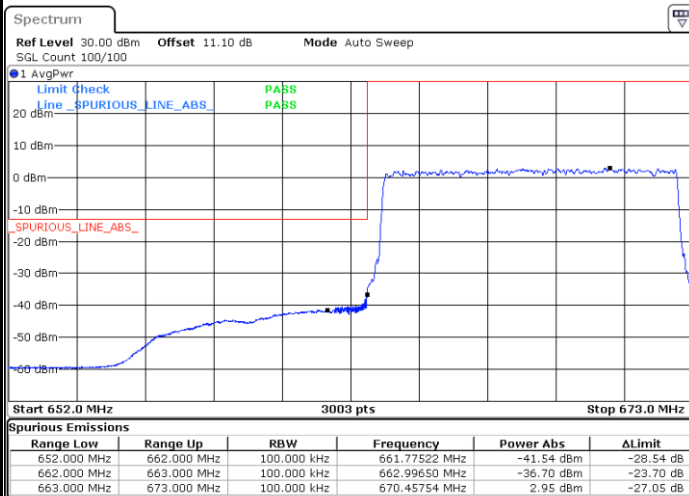
## Lowest Band Edge / 1 RB



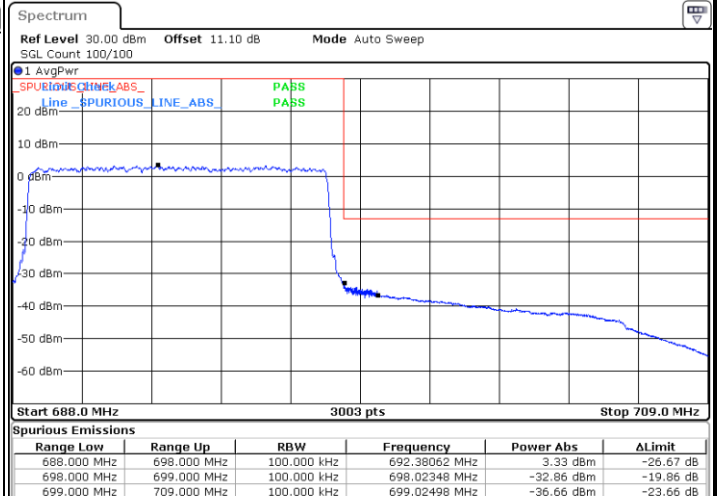
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



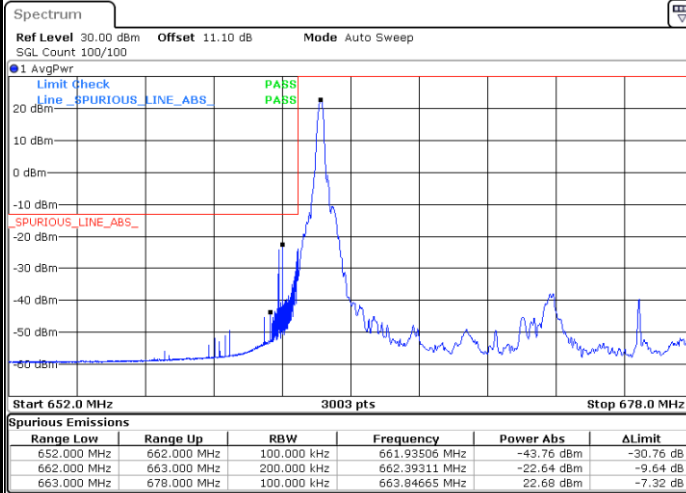
## Highest Band Edge / Full RB



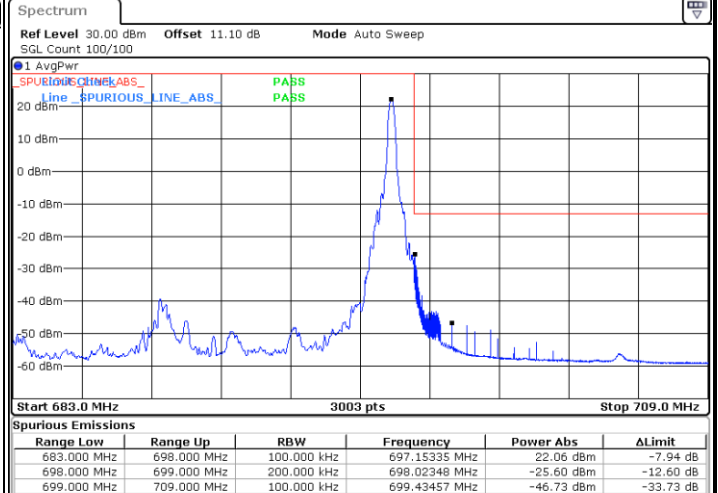


## LTE Band 71 / 15MHz / QPSK

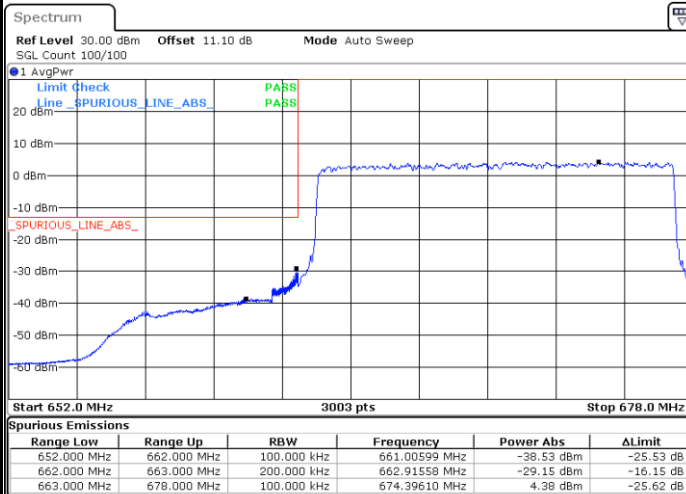
## Lowest Band Edge / 1 RB



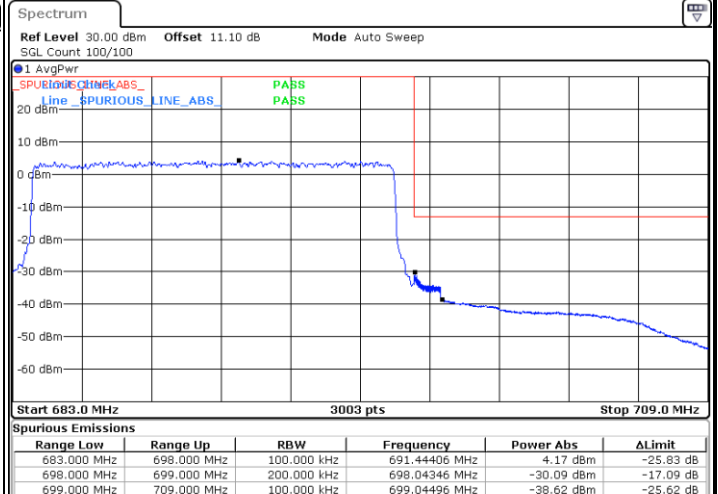
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



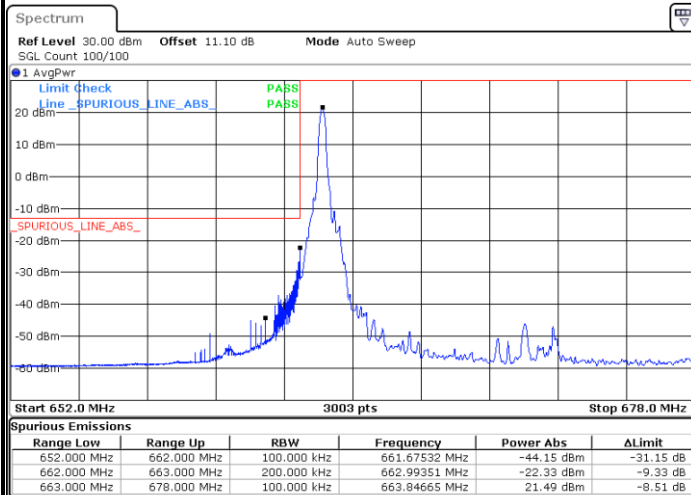
## Highest Band Edge / Full RB



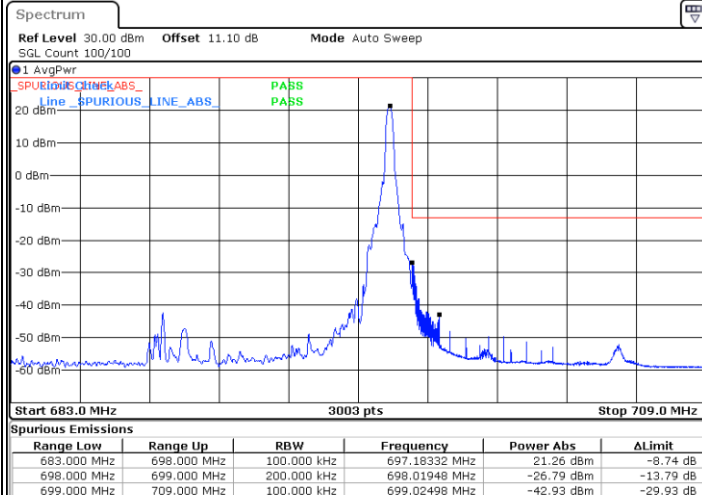


## LTE Band 71 / 15MHz / 16QAM

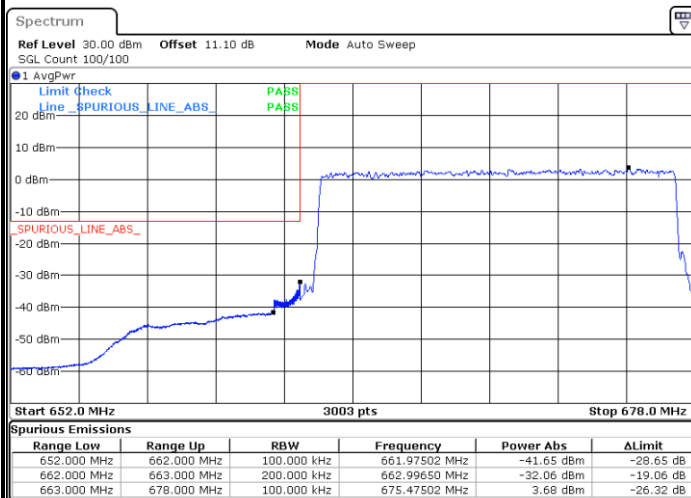
## Lowest Band Edge / 1 RB



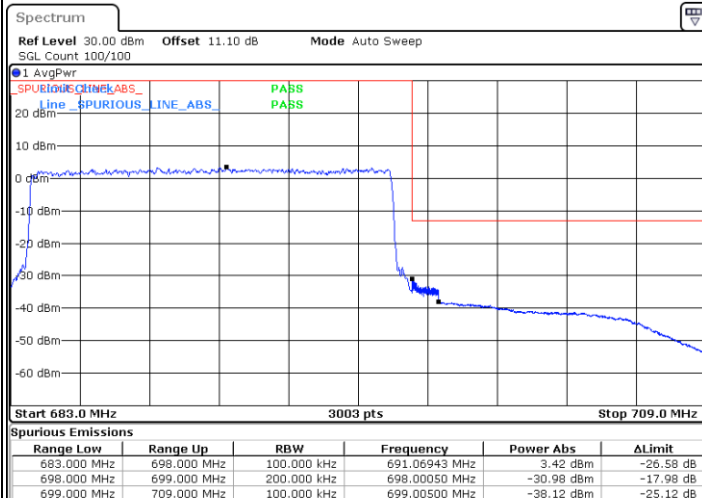
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



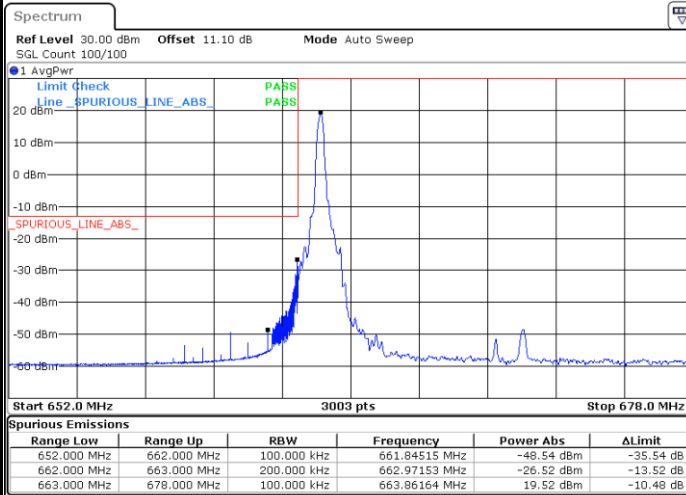
## Highest Band Edge / Full RB



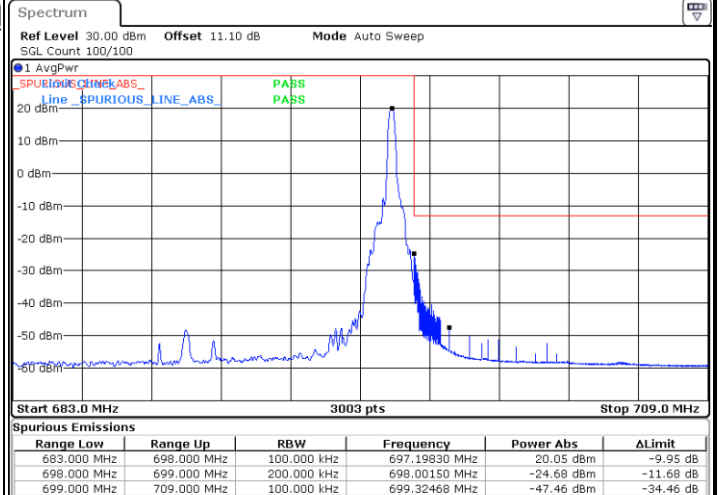


## LTE Band 71 / 15MHz / 64QAM

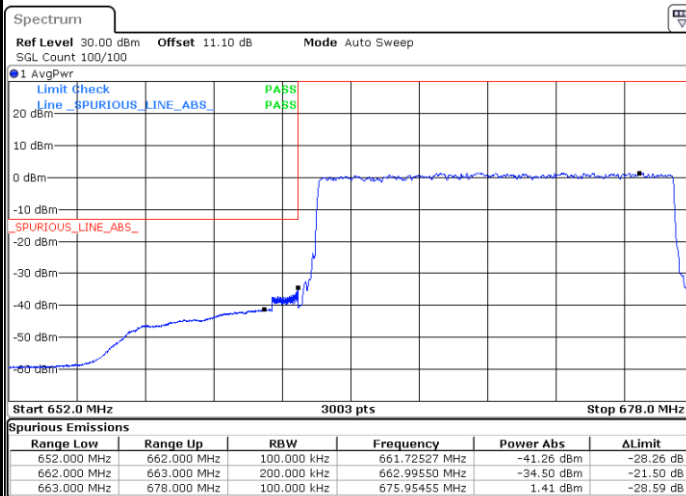
## Lowest Band Edge / 1 RB



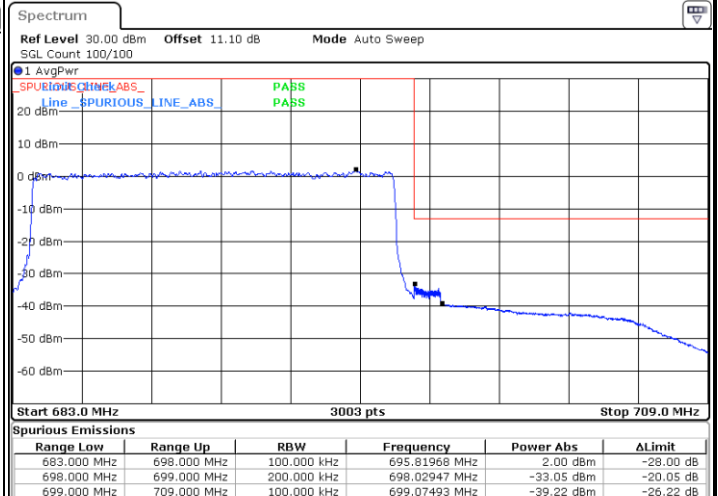
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



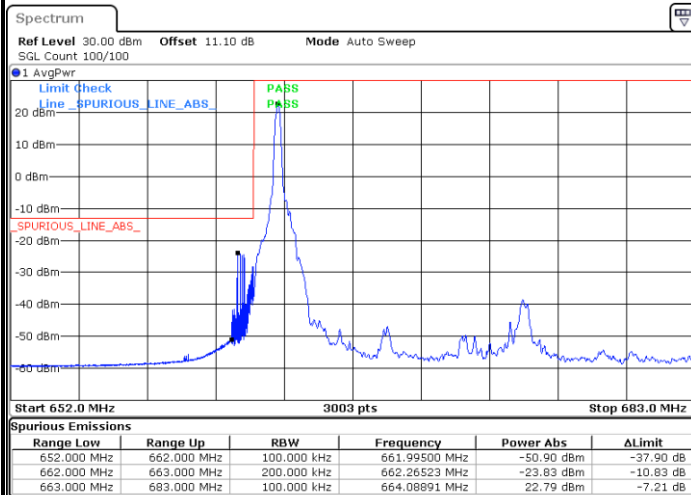
## Highest Band Edge / Full RB





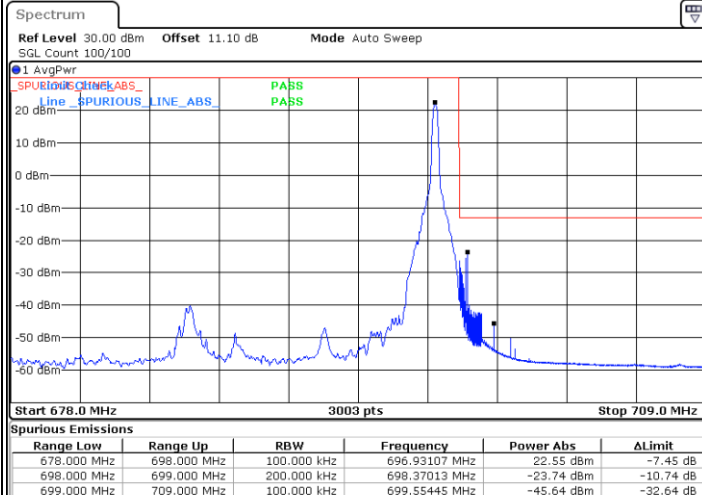
## LTE Band 71 / 20MHz / QPSK

## Lowest Band Edge / 1 RB



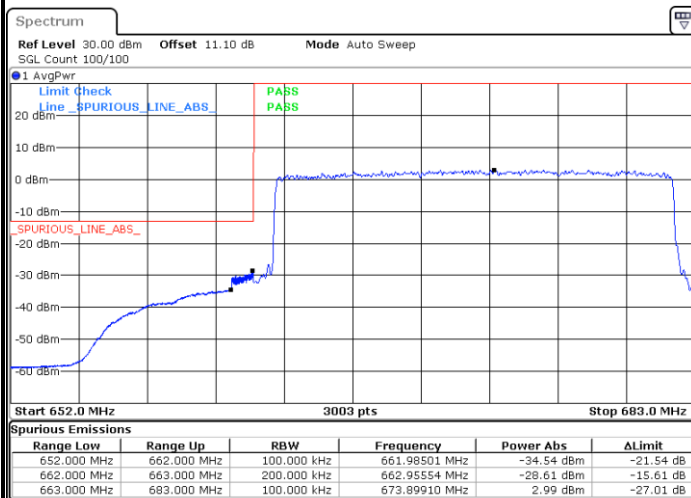
Date: 24 MAR 2021 04:13:09

## Highest Band Edge / 1 RB



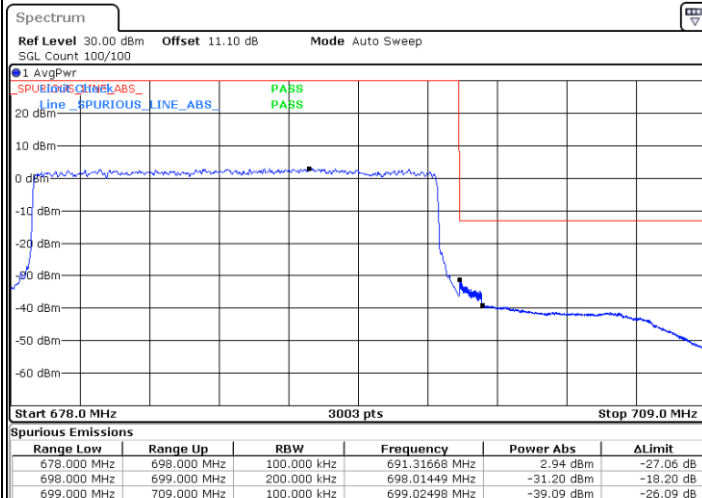
Date: 24 MAR 2021 04:20:30

## Lowest Band Edge / Full RB



Date: 24 MAR 2021 04:14:47

## Highest Band Edge / Full RB

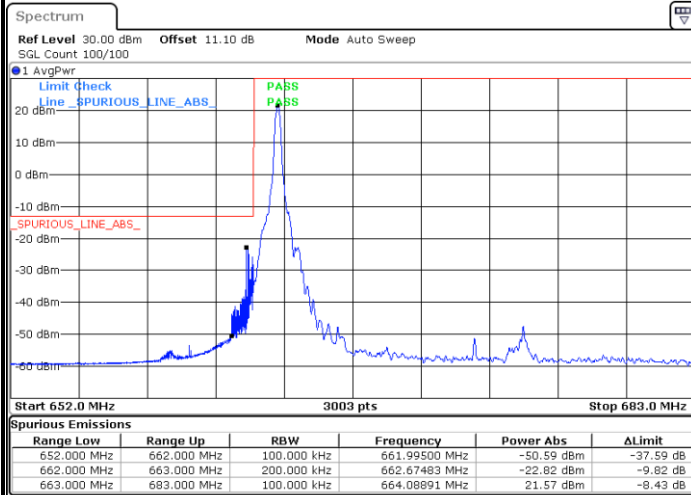


Date: 24 MAR 2021 04:22:58



## LTE Band 71 / 20MHz / 16QAM

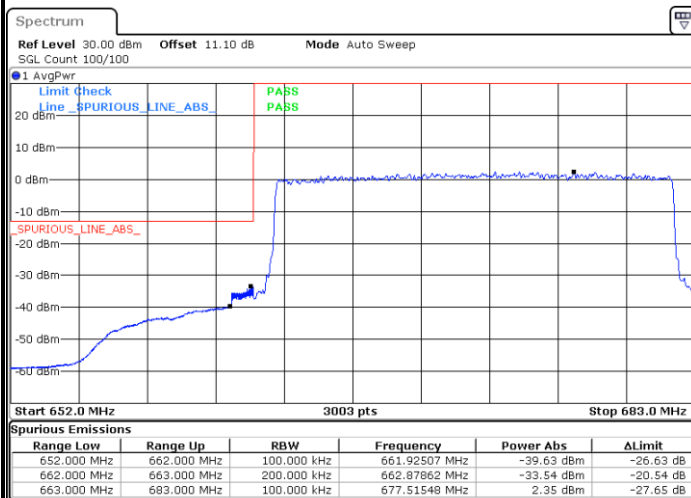
## Lowest Band Edge / 1 RB



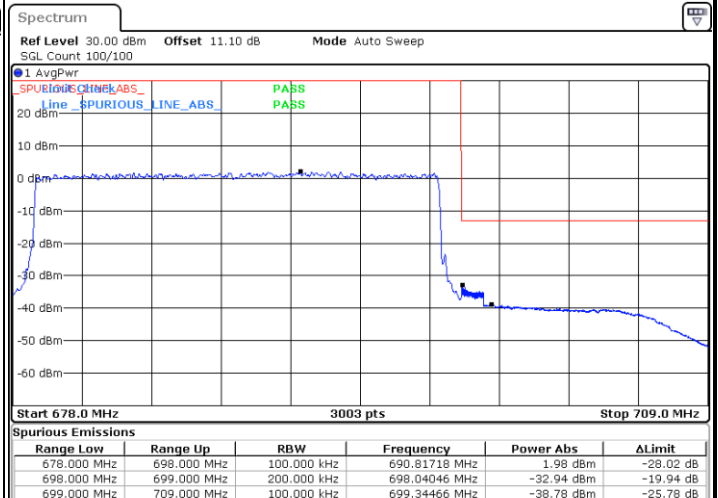
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



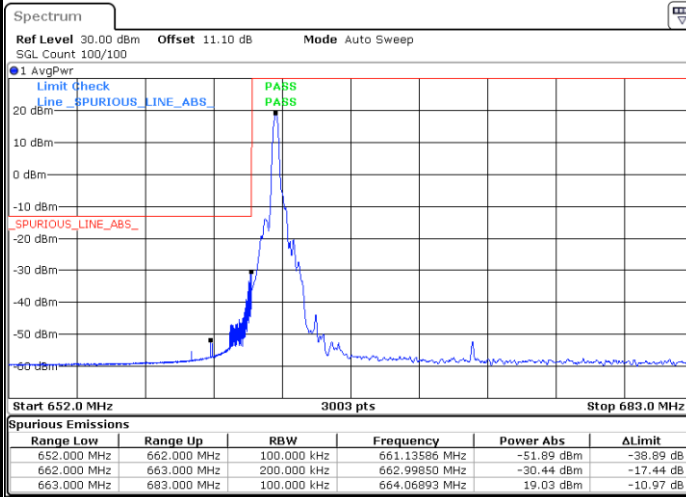
## Highest Band Edge / Full RB



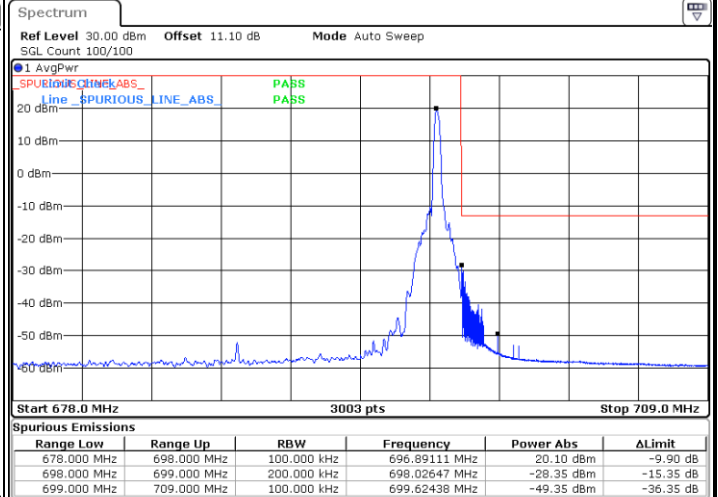


## LTE Band 71 / 20MHz / 64QAM

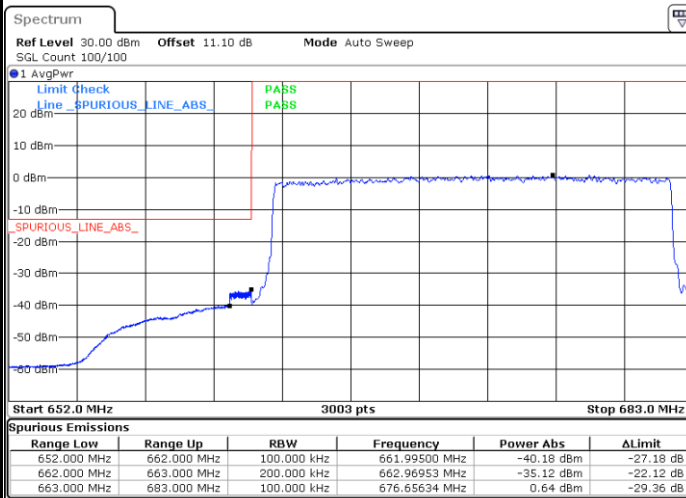
## Lowest Band Edge / 1 RB



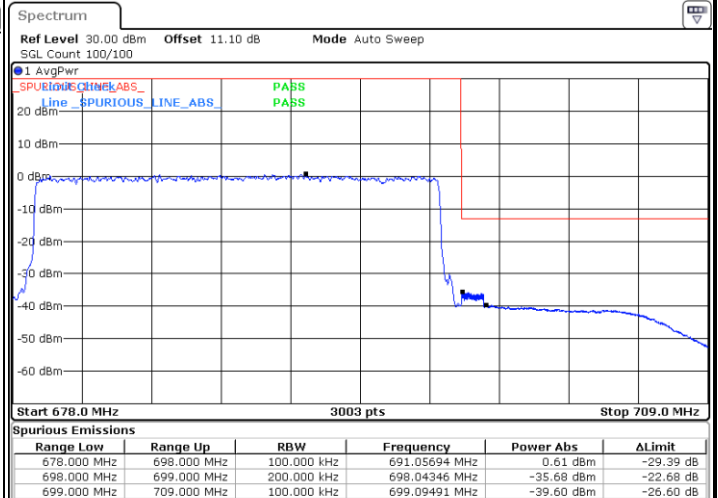
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

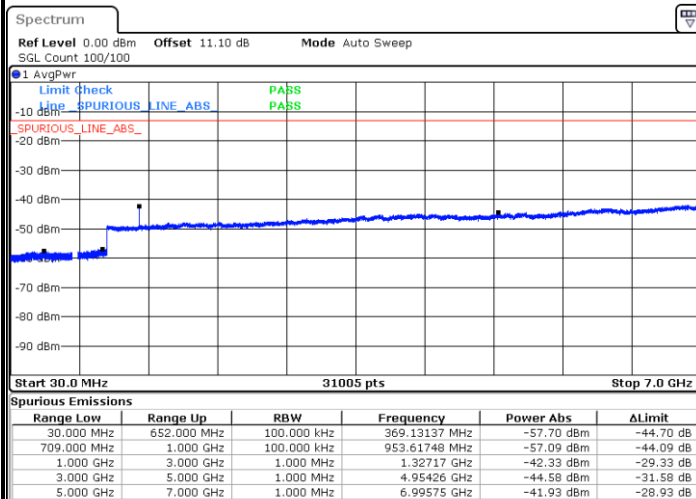




## Conducted Spurious Emission

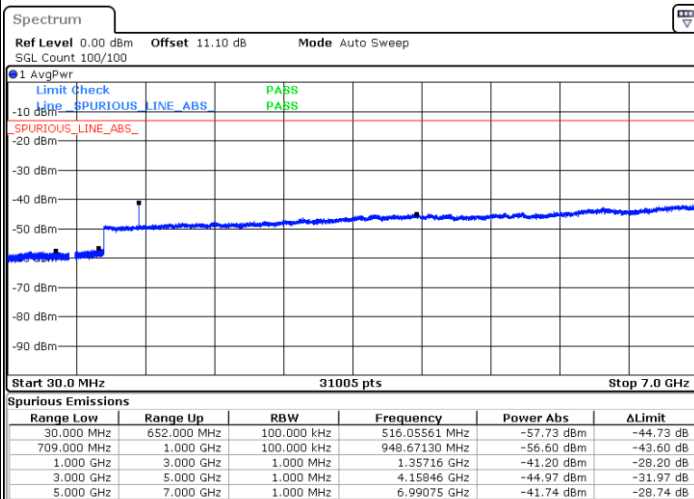
### LTE Band 71 / 5MHz

#### Lowest Channel / QPSK



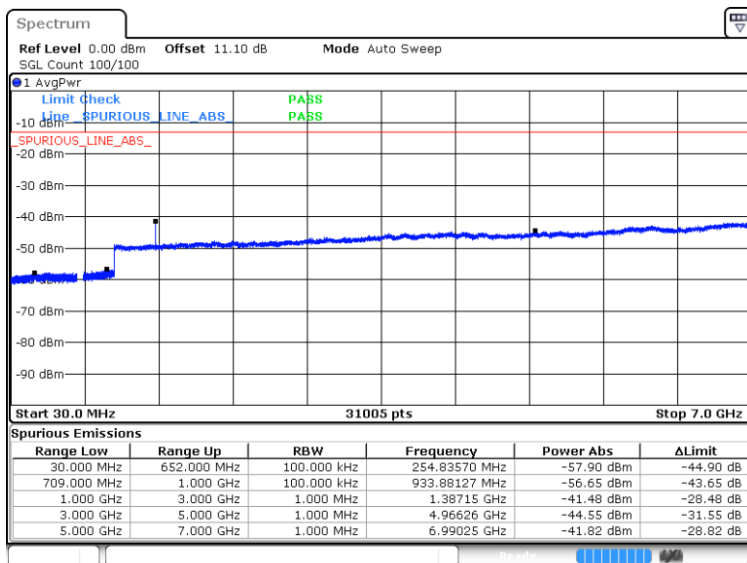
Date: 24.MAR.2021 03:29:13

#### Middle Channel / QPSK



Date: 24.MAR.2021 03:32:04

#### Highest Channel / QPSK

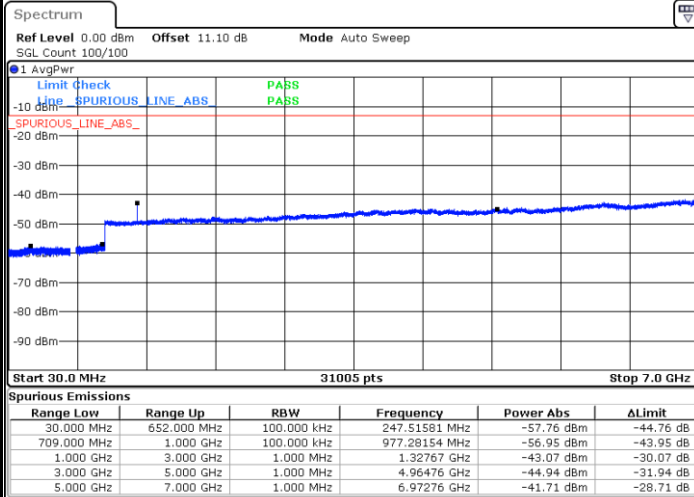


Date: 24.MAR.2021 03:36:36



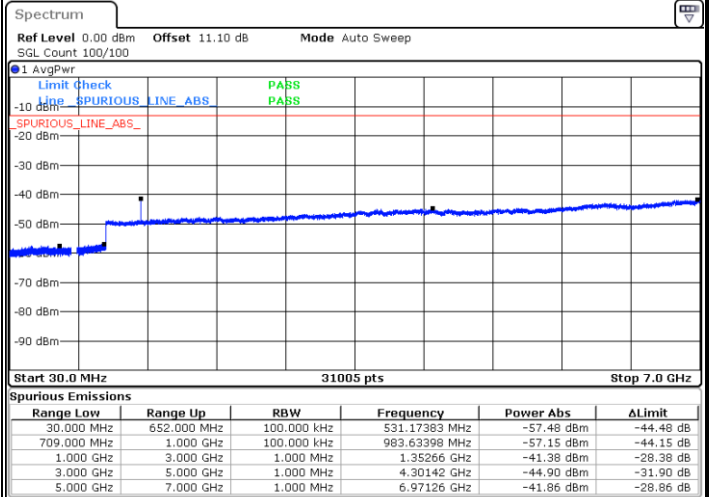
## LTE Band 71 / 10MHz

## Lowest Channel / QPSK



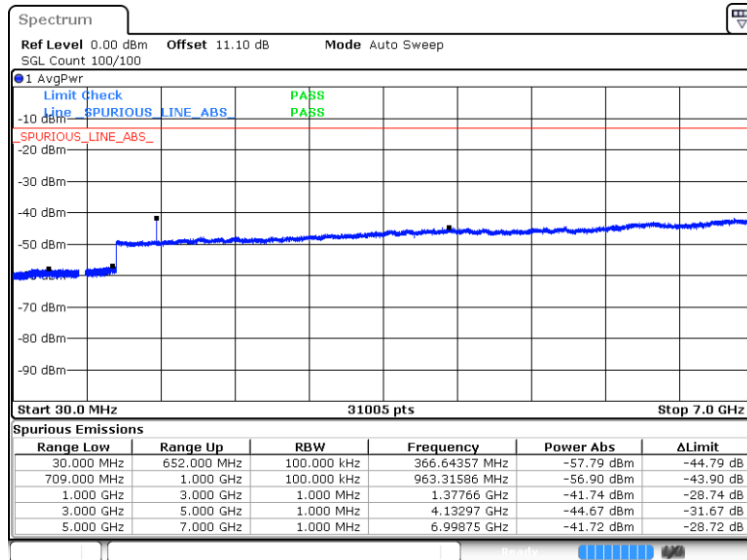
Date: 24.MAR.2021 03:45:07

## Middle Channel / QPSK



Date: 24.MAR.2021 03:47:58

## Highest Channel / QPSK

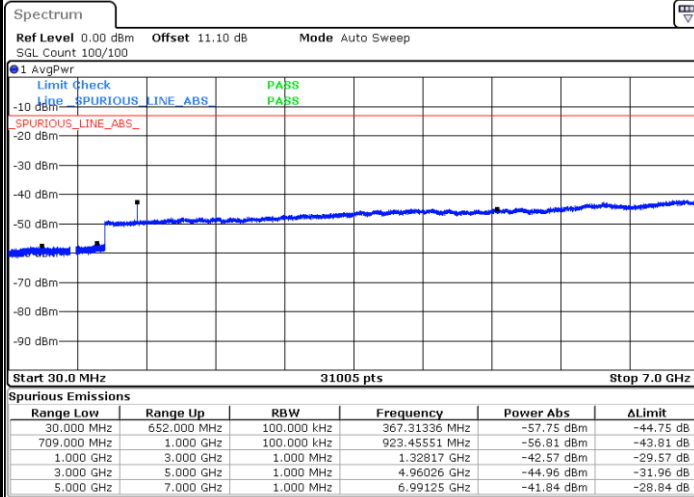


Date: 24.MAR.2021 03:52:29



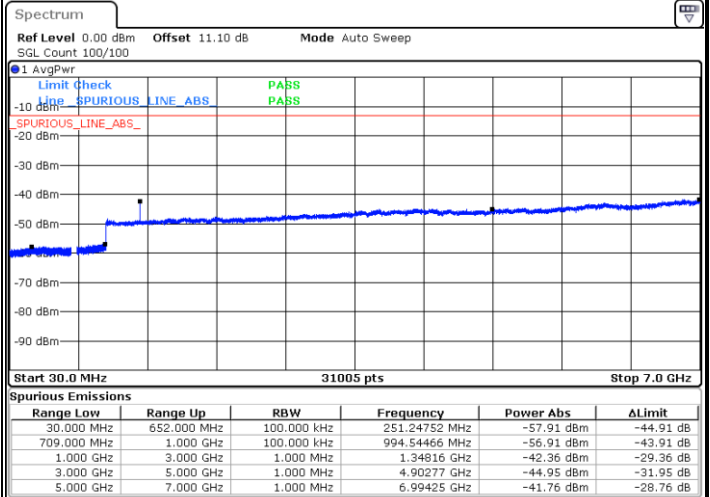
## LTE Band 71 / 15MHz

## Lowest Channel / QPSK



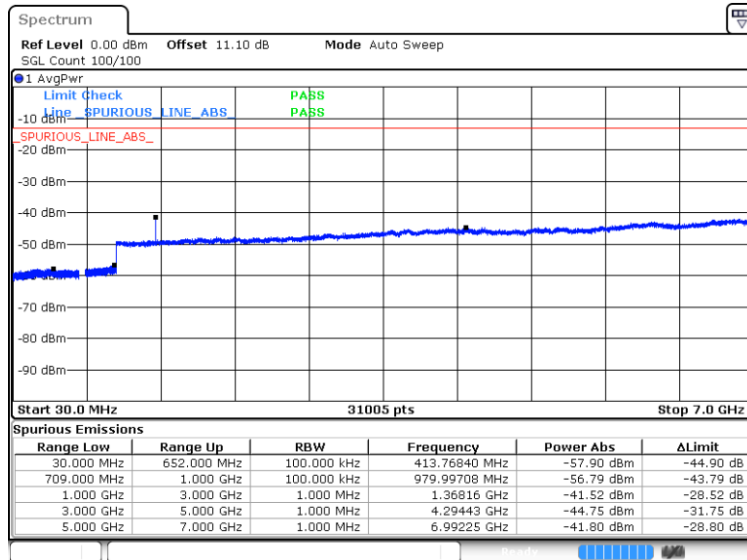
Date: 24 MAR 2021 04:00:58

## Middle Channel / QPSK



Date: 24 MAR 2021 04:03:49

## Highest Channel / QPSK

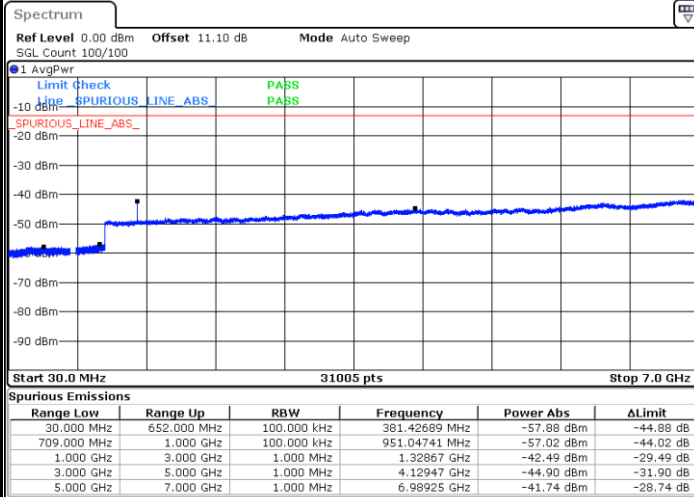


Date: 24 MAR 2021 04:08:22



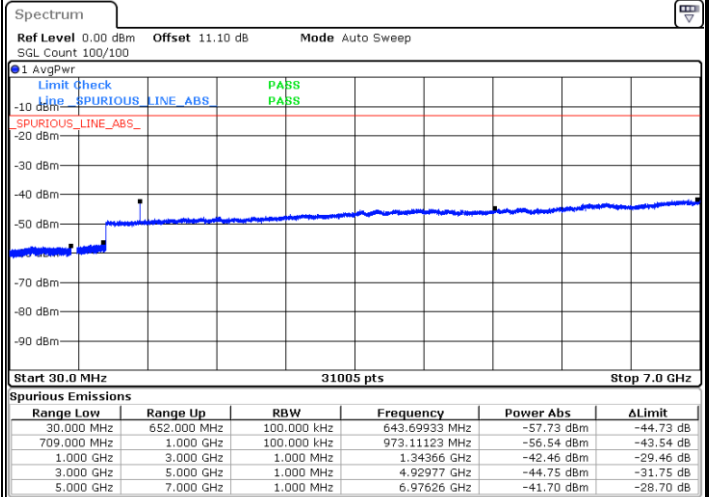
## LTE Band 71 / 20MHz

## Lowest Channel / QPSK



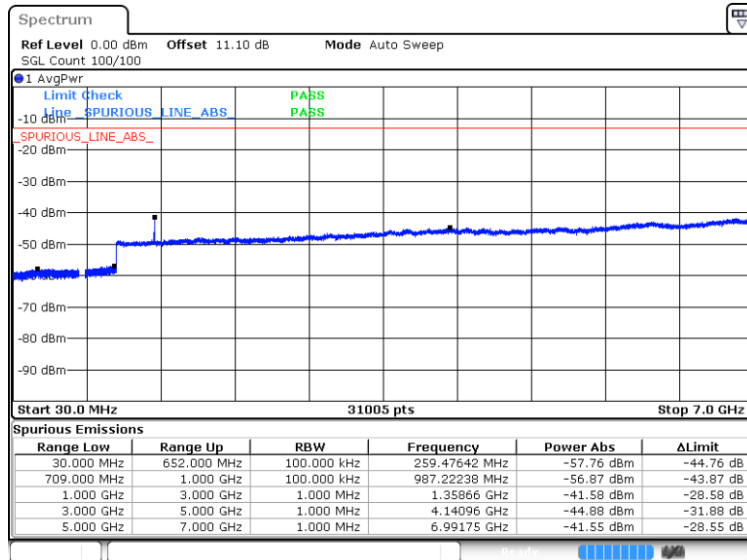
Date: 24.MAR.2021 04:16:50

## Middle Channel / QPSK



Date: 24.MAR.2021 04:19:41

## Highest Channel / QPSK



Date: 24.MAR.2021 04:24:11

## 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    | 0.0016                              | PASS    |
| 40                  | Normal Voltage    | 0.0179                              |         |
| 30                  | Normal Voltage    | 0.0034                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0135                              |         |
| 0                   | Normal Voltage    | 0.0041                              |         |
| -10                 | Normal Voltage    | 0.0141                              |         |
| -20                 | Normal Voltage    | 0.0068                              |         |
| -30                 | Normal Voltage    | 0.0140                              |         |
| 20                  | Maximum Voltage   | 0.0037                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0015                              |         |

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.67 V. ; Maximum Voltage =4.26 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

<Main>

### LTE Band 25

| LTE Band 25 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 3701                 | -54.93          | -13              | -41.93                  | -72.86                  | -66.14                   | 1.41                       | 12.62                       | H                     |
|                            | 5552                 | -50.71          | -13              | -37.71                  | -73.87                  | -62.27                   | 1.74                       | 13.30                       | H                     |
|                            | 7402                 | -47.05          | -13              | -34.05                  | -73.87                  | -56.37                   | 1.94                       | 11.26                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3701                 | -54.85          | -13              | -41.85                  | -72.92                  | -66.06                   | 1.41                       | 12.62                       | V                     |
|                            | 5552                 | -51.03          | -13              | -38.03                  | -73.72                  | -62.59                   | 1.74                       | 13.30                       | V                     |
|                            | 7402                 | -46.94          | -13              | -33.94                  | -73.6                   | -56.26                   | 1.94                       | 11.26                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 3751                 | -54.18          | -13              | -41.18                  | -72.33                  | -65.41                   | 1.43                       | 12.65                       | H                     |
|                            | 5627                 | -50.97          | -13              | -37.97                  | -74.13                  | -62.54                   | 1.73                       | 13.30                       | H                     |
|                            | 7502                 | -47.35          | -13              | -34.35                  | -73.71                  | -56.46                   | 1.99                       | 11.10                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3751                 | -53.93          | -13              | -40.93                  | -72.29                  | -65.16                   | 1.43                       | 12.65                       | V                     |
|                            | 5627                 | -51.26          | -13              | -38.26                  | -74.05                  | -62.83                   | 1.73                       | 13.30                       | V                     |
|                            | 7502                 | -47.05          | -13              | -34.05                  | -73.38                  | -56.16                   | 1.99                       | 11.10                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3811 | -54.21 | -13 | -41.21 | -72.6  | -65.46 | 1.44 | 12.69 | H |
|         | 5717 | -50.28 | -13 | -37.28 | -73.9  | -61.85 | 1.73 | 13.30 | H |
|         | 7622 | -47.81 | -13 | -34.81 | -73.66 | -56.93 | 2.01 | 11.12 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3811 | -53.67 | -13 | -40.67 | -72.31 | -64.92 | 1.44 | 12.69 | V |
|         | 5717 | -51.06 | -13 | -38.06 | -74.07 | -62.63 | 1.73 | 13.30 | V |
|         | 7622 | -47.71 | -13 | -34.71 | -73.48 | -56.83 | 2.01 | 11.12 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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

**LTE Band 41**

| LTE Band 41 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 4994                 | -51.51          | -25              | -26.51                  | -73.52                  | -62.50                   | 1.61                       | 12.60                       | H                     |
|                            | 7491                 | -47.00          | -25              | -22.00                  | -73.4                   | -56.13                   | 1.99                       | 11.11                       | H                     |
|                            | 9988                 | -44.06          | -25              | -19.06                  | -73.65                  | -52.97                   | 2.40                       | 11.30                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 4994                 | -52.26          | -25              | -27.26                  | -73.81                  | -63.25                   | 1.61                       | 12.60                       | V                     |
|                            | 7491                 | -47.24          | -25              | -22.24                  | -73.6                   | -56.37                   | 1.99                       | 11.11                       | V                     |
|                            | 9988                 | -43.64          | -25              | -18.64                  | -73.99                  | -52.55                   | 2.40                       | 11.30                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5168                 | -52.30          | -25              | -27.30                  | -74.25                  | -63.48                   | 1.65                       | 12.84                       | H                     |
|                            | 7752                 | -47.58          | -25              | -22.58                  | -73.49                  | -56.71                   | 2.03                       | 11.15                       | H                     |
|                            | 10336                | -43.41          | -25              | -18.41                  | -73.81                  | -52.05                   | 2.39                       | 11.03                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5168                 | -52.31          | -25              | -27.31                  | -74.05                  | -63.49                   | 1.65                       | 12.84                       | V                     |
|                            | 7752                 | -48.04          | -25              | -23.04                  | -73.71                  | -57.17                   | 2.03                       | 11.15                       | V                     |
|                            | 10336                | -43.40          | -25              | -18.40                  | -73.87                  | -52.04                   | 2.39                       | 11.03                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5342  | -52.14 | -25 | -27.14 | -74.57 | -63.52 | 1.70 | 13.08 | H |
|         | 8013  | -46.49 | -25 | -21.49 | -73.65 | -55.66 | 2.06 | 11.23 | H |
|         | 10684 | -42.76 | -25 | -17.76 | -73.63 | -51.17 | 2.49 | 10.90 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5342  | -52.22 | -25 | -27.22 | -74.3  | -63.60 | 1.70 | 13.08 | V |
|         | 8013  | -46.50 | -25 | -21.50 | -73.55 | -55.67 | 2.06 | 11.23 | V |
|         | 10684 | -43.20 | -25 | -18.20 | -73.82 | -51.61 | 2.49 | 10.90 | V |
|         |       |        |     |        |        |        |      |       | 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 / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 3420                 | -56.80          | -13              | -43.80                  | -72.72                  | -62.87                   | 1.58                       | 7.65                        | H                     |
|                            | 5135                 | -51.93          | -13              | -38.93                  | -73.88                  | -59.22                   | 2.41                       | 9.70                        | H                     |
|                            | 6843                 | -48.13          | -13              | -35.13                  | -73.5                   | -56.10                   | 2.64                       | 10.61                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3420                 | -56.25          | -13              | -43.25                  | -72.59                  | -62.32                   | 1.58                       | 7.65                        | V                     |
|                            | 5135                 | -52.01          | -13              | -39.01                  | -73.71                  | -59.30                   | 2.41                       | 9.70                        | V                     |
|                            | 6843                 | -48.82          | -13              | -35.82                  | -73.79                  | -56.79                   | 2.64                       | 10.61                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 3469                 | -56.01          | -13              | -43.01                  | -72.41                  | -62.28                   | 1.59                       | 7.86                        | H                     |
|                            | 5205                 | -52.13          | -13              | -39.13                  | -74.08                  | -59.37                   | 2.46                       | 9.70                        | H                     |
|                            | 6941                 | -47.59          | -13              | -34.59                  | -73.45                  | -55.71                   | 2.61                       | 10.73                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3469                 | -55.33          | -13              | -42.33                  | -72.11                  | -61.60                   | 1.59                       | 7.86                        | V                     |
|                            | 5205                 | -51.91          | -13              | -38.91                  | -73.69                  | -59.15                   | 2.46                       | 9.70                        | V                     |
|                            | 6941                 | -47.83          | -13              | -34.83                  | -73.23                  | -55.95                   | 2.61                       | 10.73                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3525 | -55.44 | -13 | -42.44 | -72.33 | -61.86 | 1.61 | 8.03  | H |
|         | 5282 | -51.63 | -13 | -38.63 | -73.85 | -58.83 | 2.50 | 9.70  | H |
|         | 7046 | -46.56 | -13 | -33.56 | -72.87 | -54.88 | 2.58 | 10.89 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3525 | -55.24 | -13 | -42.24 | -72.41 | -61.66 | 1.61 | 8.03  | V |
|         | 5282 | -52.28 | -13 | -39.28 | -74.24 | -59.48 | 2.50 | 9.70  | V |
|         | 7046 | -47.25 | -13 | -34.25 | -73.11 | -55.57 | 2.58 | 10.89 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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

**LTE Band 71**

| LTE Band 71 / 20MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 1328                 | -61.55         | -13              | -48.55                  | -70.57                  | -68.03                   | 0.83                       | 7.31                        | H                     |
|                            | 1992                 | -60.59         | -13              | -47.59                  | -71.35                  | -69.52                   | 1.04                       | 9.97                        | H                     |
|                            | 2656                 | -58.42         | -13              | -45.42                  | -72.13                  | -68.12                   | 1.19                       | 10.89                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1328                 | -62.15         | -13              | -49.15                  | -70.33                  | -68.63                   | 0.83                       | 7.31                        | V                     |
|                            | 1992                 | -61.25         | -13              | -48.25                  | -71.04                  | -70.18                   | 1.04                       | 9.97                        | V                     |
|                            | 2656                 | -58.58         | -13              | -45.58                  | -72.26                  | -68.28                   | 1.19                       | 10.89                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1348                 | -59.49         | -13              | -46.49                  | -68.64                  | -66.06                   | 0.83                       | 7.40                        | H                     |
|                            | 2022                 | -60.44         | -13              | -47.44                  | -71.67                  | -69.43                   | 1.04                       | 10.03                       | H                     |
|                            | 2696                 | -58.12         | -13              | -45.12                  | -71.99                  | -67.86                   | 1.20                       | 10.94                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1348                 | -61.24         | -13              | -48.24                  | -69.44                  | -67.81                   | 0.83                       | 7.40                        | V                     |
|                            | 2022                 | -61.55         | -13              | -48.55                  | -71.78                  | -70.54                   | 1.04                       | 10.03                       | V                     |
|                            | 2696                 | -58.56         | -13              | -45.56                  | -72.38                  | -68.30                   | 1.20                       | 10.94                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1358 | -60.55 | -13 | -47.55 | -69.74 | -67.16 | 0.83 | 7.45  | H |
|         | 2037 | -59.56 | -13 | -46.56 | -71.05 | -68.56 | 1.05 | 10.05 | H |
|         | 2716 | -58.13 | -13 | -45.13 | -72.07 | -67.89 | 1.20 | 10.96 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1358 | -61.72 | -13 | -48.72 | -69.91 | -68.33 | 0.83 | 7.45  | V |
|         | 2037 | -60.84 | -13 | -47.84 | -71.31 | -69.84 | 1.05 | 10.05 | V |
|         | 2716 | -58.34 | -13 | -45.34 | -72.24 | -68.10 | 1.20 | 10.96 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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



&lt;Sub&gt;

**LTE Band 13**

| LTE Band 13 / 5MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 1555                 | -61.58         | -13              | -48.58                  | -70.20                  | -66.85                   | 0.89                       | 8.31                        | H                     |
|                           | 2332                 | -57.95         | -13              | -44.95                  | -71.65                  | -65.15                   | 1.11                       | 10.46                       | H                     |
|                           | 3109                 | -56.68         | -13              | -43.68                  | -72.04                  | -64.80                   | 1.29                       | 11.56                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1555                 | -62.64         | -13.00           | -49.64                  | -70.58                  | -67.91                   | 0.89                       | 8.31                        | V                     |
|                           | 2332                 | -58.59         | -13              | -45.59                  | -71.84                  | -65.79                   | 1.11                       | 10.46                       | V                     |
|                           | 3109                 | -56.57         | -13              | -43.57                  | -72.27                  | -64.69                   | 1.29                       | 11.56                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1560                 | -62.31         | -42.15           | -20.16                  | -70.90                  | -67.60                   | 0.89                       | 8.33                        | H                     |
|                           | 2340                 | -55.57         | -13              | -42.57                  | -69.23                  | -62.78                   | 1.11                       | 10.48                       | H                     |
|                           | 3119                 | -56.80         | -13              | -43.80                  | -72.19                  | -64.94                   | 1.29                       | 11.59                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1560                 | -63.20         | -42.15           | -21.05                  | -71.15                  | -68.49                   | 0.89                       | 8.33                        | V                     |
|                           | 2340                 | -58.75         | -13              | -45.75                  | -72.00                  | -65.96                   | 1.11                       | 10.48                       | V                     |
|                           | 3119                 | -56.29         | -13              | -43.29                  | -72.04                  | -64.43                   | 1.29                       | 11.59                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |        |        |        |        |      |       |   |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1565 | -62.22 | -42.15 | -20.07 | -70.77 | -67.52 | 0.89 | 8.35  | H |
|         | 2347 | -57.31 | -13    | -44.31 | -70.94 | -64.53 | 1.12 | 10.49 | H |
|         | 3129 | -57.32 | -13    | -44.32 | -72.73 | -65.49 | 1.29 | 11.61 | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         | 1565 | -62.87 | -42.15 | -20.72 | -70.81 | -68.17 | 0.89 | 8.35  | V |
|         | 2347 | -58.54 | -13    | -45.54 | -71.81 | -65.76 | 1.12 | 10.49 | V |
|         | 3129 | -56.88 | -13    | -43.88 | -72.66 | -65.05 | 1.29 | 11.61 | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |

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



| LTE Band 13 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                     | 1555                 | -62.00         | -13              | -49.00                  | -70.62                  | -67.27                   | 0.89                       | 8.31                        | H                     |
|                            | 2333                 | -56.62         | -13              | -43.62                  | -70.31                  | -63.82                   | 1.11                       | 10.47                       | H                     |
|                            | 3110                 | -56.70         | -13              | -43.70                  | -72.06                  | -64.82                   | 1.29                       | 11.56                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1555                 | -62.82         | -13              | -49.82                  | -70.76                  | -68.09                   | 0.89                       | 8.31                        | V                     |
|                            | 2333                 | -58.57         | -13              | -45.57                  | -71.82                  | -65.77                   | 1.11                       | 10.47                       | V                     |
|                            | 3110                 | -56.89         | -13              | -43.89                  | -72.6                   | -65.01                   | 1.29                       | 11.56                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 26**

| LTE Band 26 / 15MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 1648                 | -62.77         | -13              | -49.77                  | -71.19                  | -68.36                   | 0.92                       | 8.66                        | H                     |
|                            | 2472                 | -58.72         | -13              | -45.72                  | -72.17                  | -66.09                   | 1.14                       | 10.66                       | H                     |
|                            | 3296                 | -57.21         | -13              | -44.21                  | -72.54                  | -65.75                   | 1.32                       | 12.01                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1648                 | -63.75         | -13              | -50.75                  | -71.64                  | -69.34                   | 0.92                       | 8.66                        | V                     |
|                            | 2472                 | -58.56         | -13              | -45.56                  | -72.16                  | -65.93                   | 1.14                       | 10.66                       | V                     |
|                            | 3296                 | -56.66         | -13              | -43.66                  | -72.46                  | -65.20                   | 1.32                       | 12.01                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1656                 | -63.20         | -13              | -50.20                  | -71.65                  | -68.82                   | 0.92                       | 8.69                        | H                     |
|                            | 2488                 | -59.15         | -13              | -46.15                  | -72.63                  | -66.54                   | 1.15                       | 10.68                       | H                     |
|                            | 3320                 | -57.35         | -13              | -44.35                  | -72.62                  | -65.94                   | 1.33                       | 12.07                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1656                 | -63.77         | -13              | -50.77                  | -71.65                  | -69.39                   | 0.92                       | 8.69                        | V                     |
|                            | 2488                 | -58.78         | -13              | -45.78                  | -72.45                  | -66.17                   | 1.15                       | 10.68                       | V                     |
|                            | 3320                 | -56.53         | -13              | -43.53                  | -72.26                  | -65.12                   | 1.33                       | 12.07                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1672 | -62.90 | -13 | -49.90 | -71.4  | -68.58 | 0.93 | 8.75  | H |
|         | 2504 | -58.95 | -13 | -45.95 | -72.45 | -66.35 | 1.15 | 10.70 | H |
|         | 3336 | -57.07 | -13 | -44.07 | -72.31 | -65.70 | 1.33 | 12.11 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1672 | -63.28 | -13 | -50.28 | -71.15 | -68.96 | 0.93 | 8.75  | V |
|         | 2504 | -58.72 | -13 | -45.72 | -72.43 | -66.12 | 1.15 | 10.70 | V |
|         | 3336 | -56.66 | -13 | -43.66 | -72.36 | -65.29 | 1.33 | 12.11 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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

————THE END————