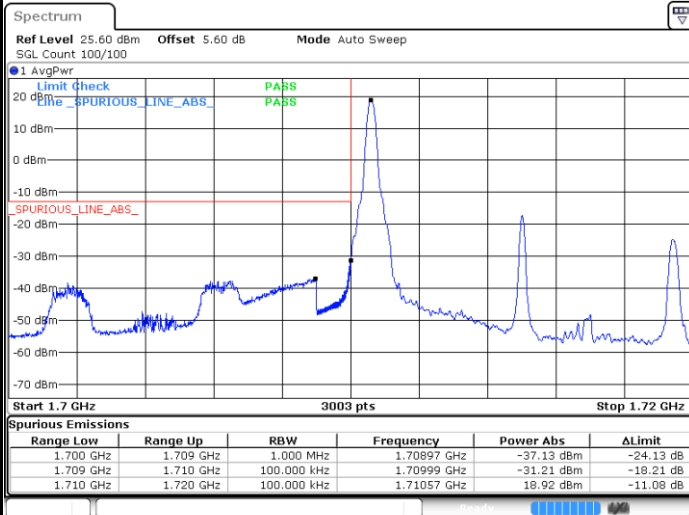


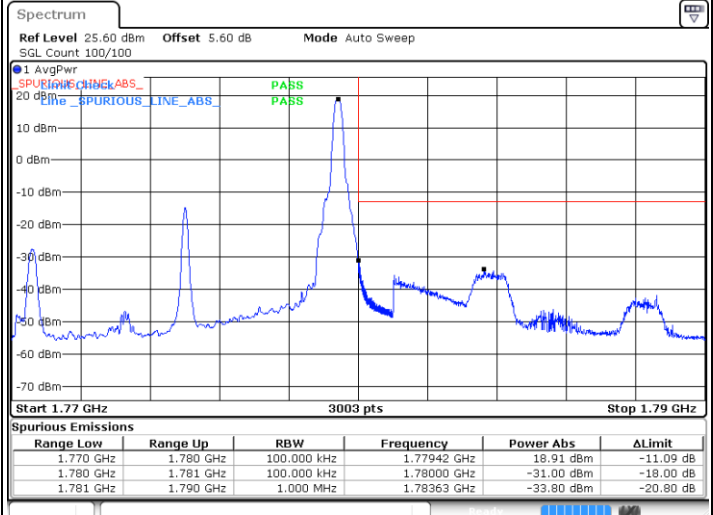


## LTE Band 66 / 10MHz / 16QAM

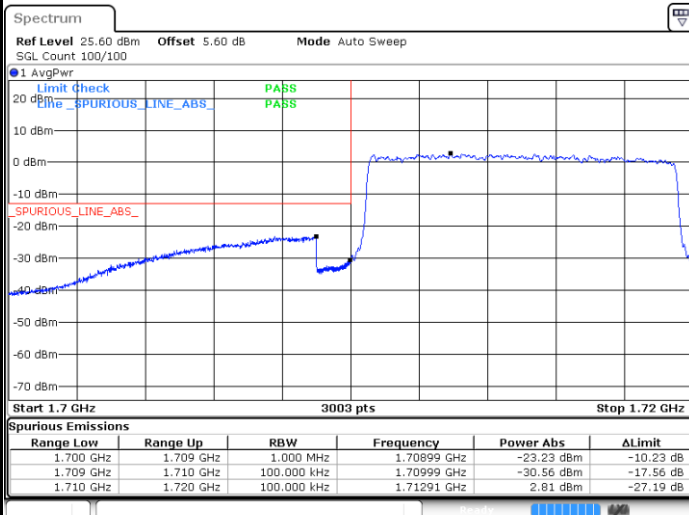
## Lowest Band Edge / 1 RB



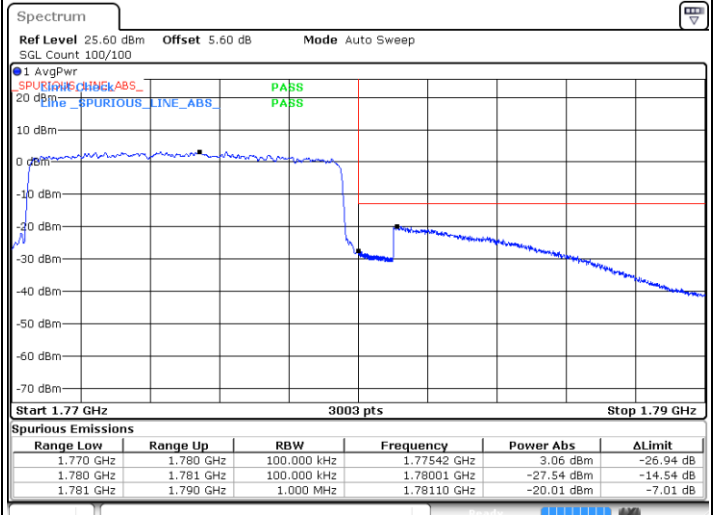
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



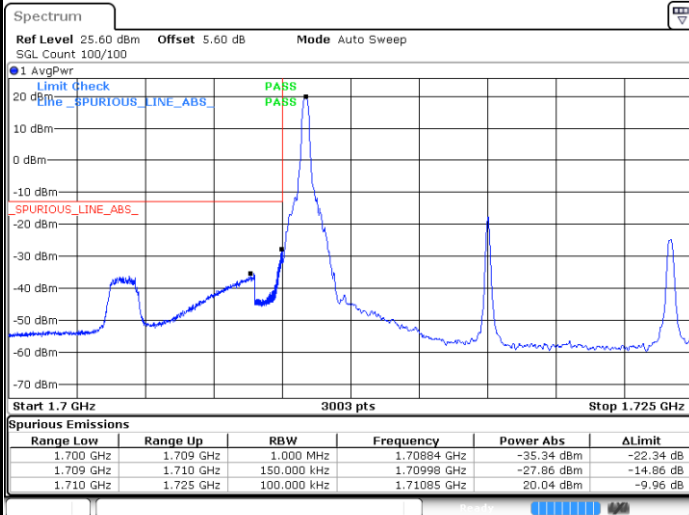
## Highest Band Edge / Full RB



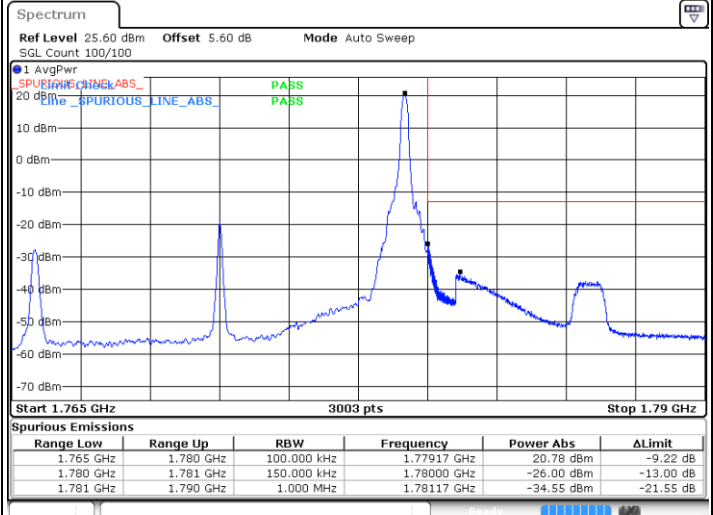


## LTE Band 66 / 15MHz / QPSK

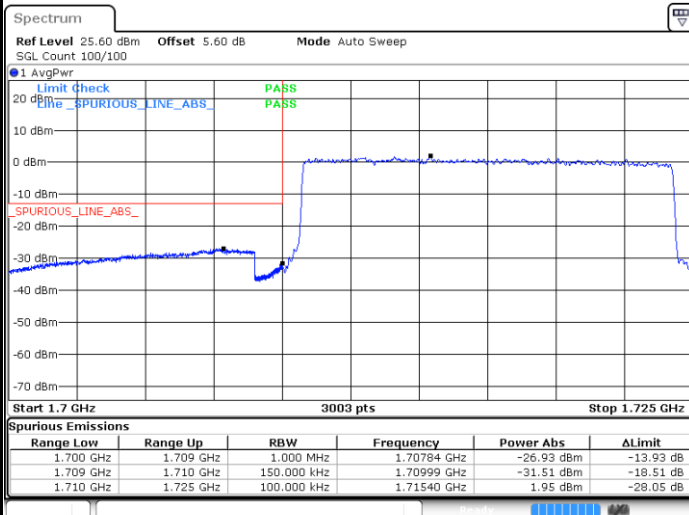
## Lowest Band Edge / 1 RB



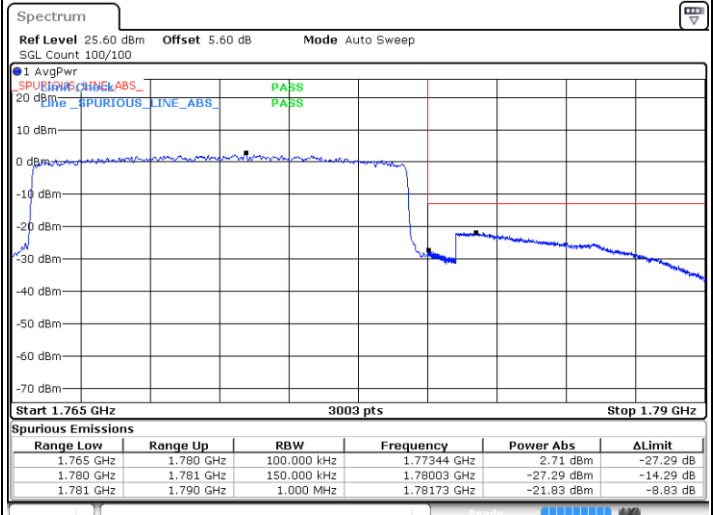
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



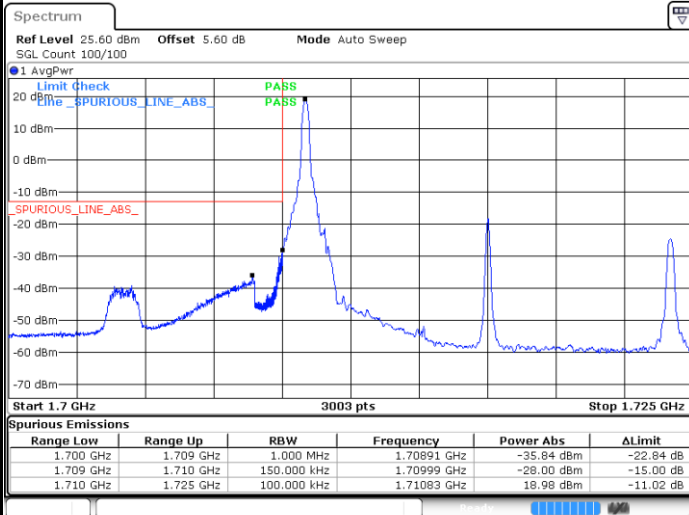
## Highest Band Edge / Full RB



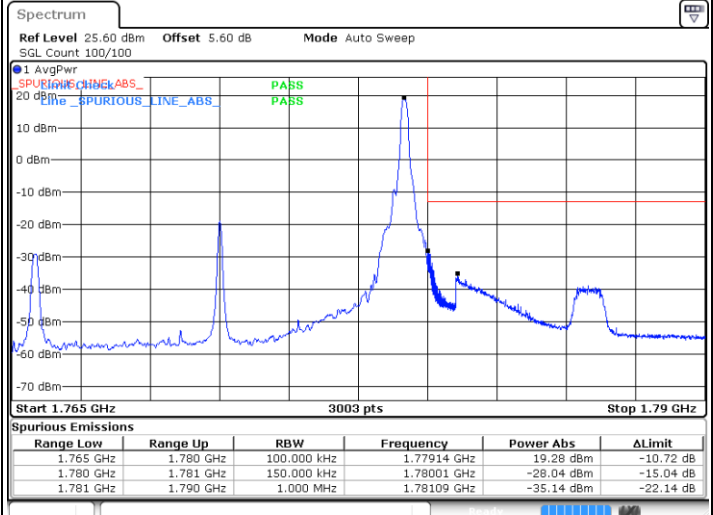


## LTE Band 66 / 15MHz / 16QAM

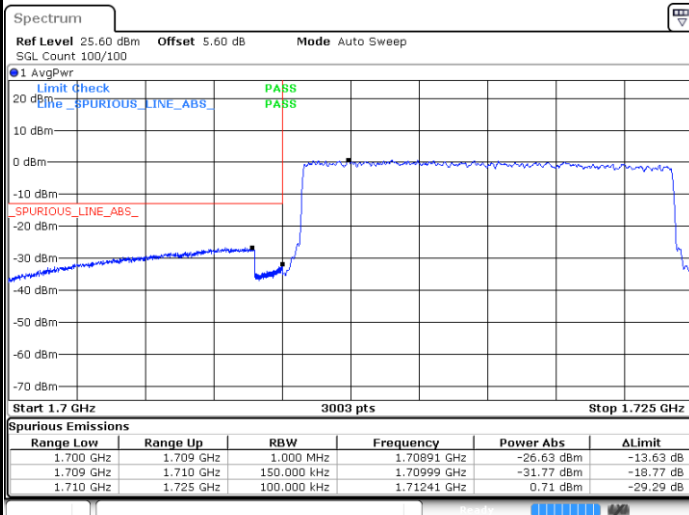
## Lowest Band Edge / 1 RB



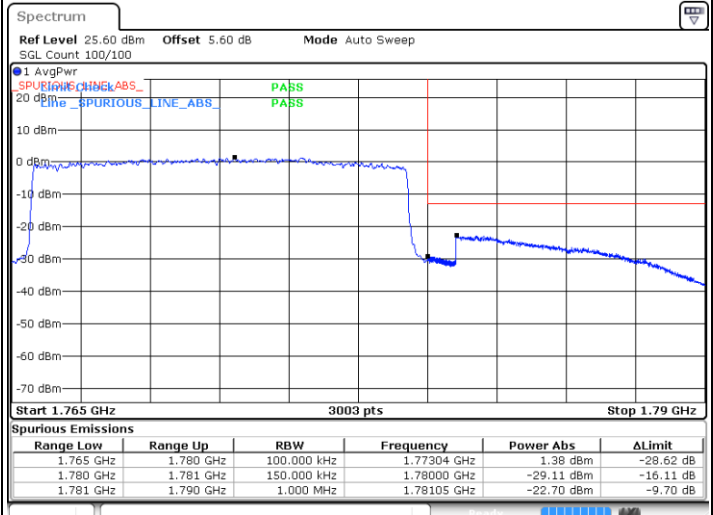
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



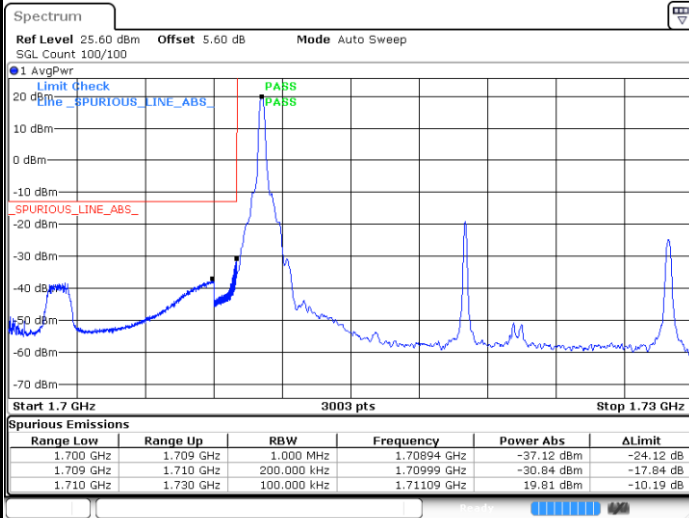
## Highest Band Edge / Full RB



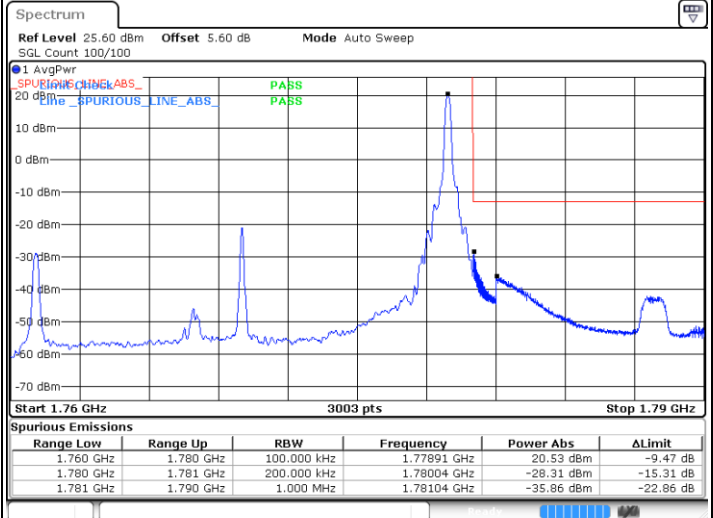


## LTE Band 66 / 20MHz / QPSK

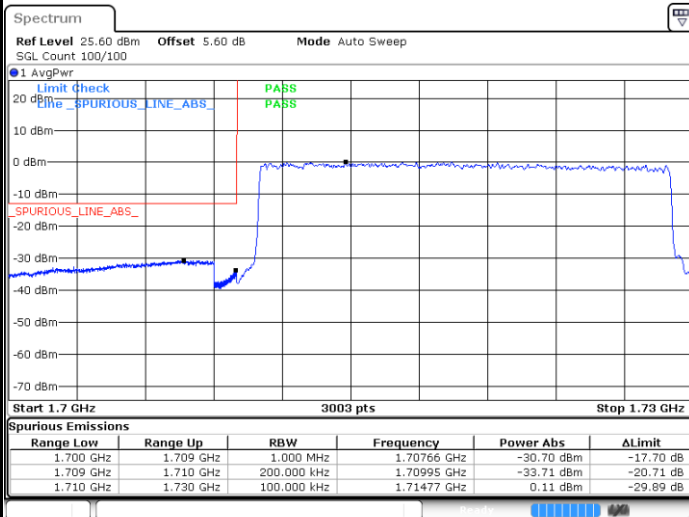
## Lowest Band Edge / 1 RB



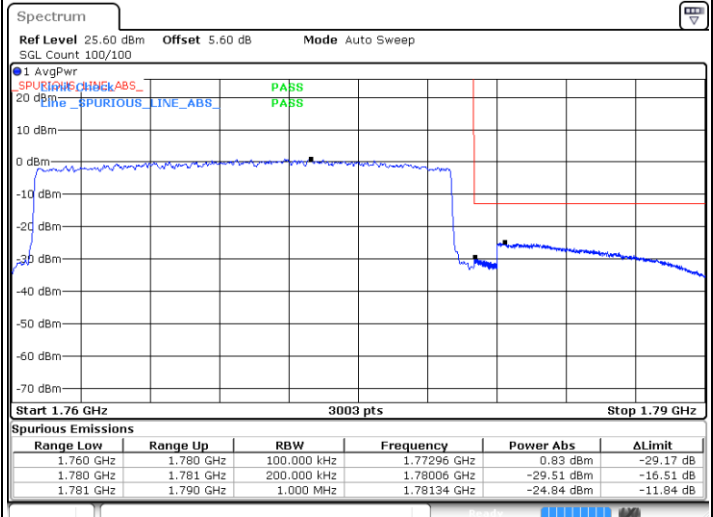
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



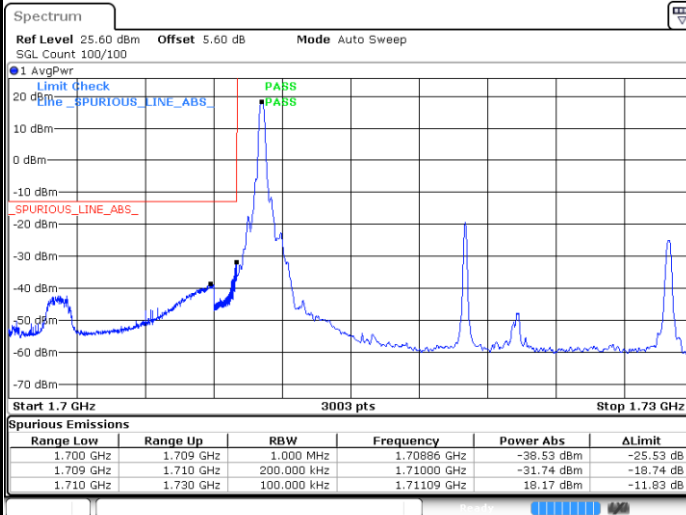
## Highest Band Edge / Full RB



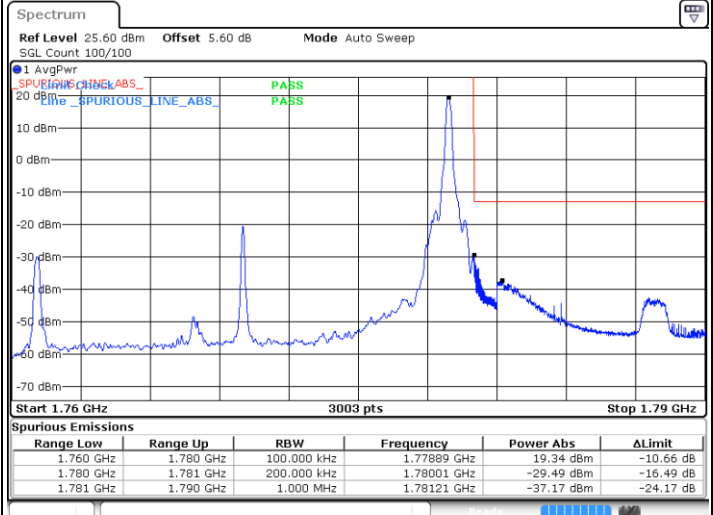


## LTE Band 66 / 20MHz / 16QAM

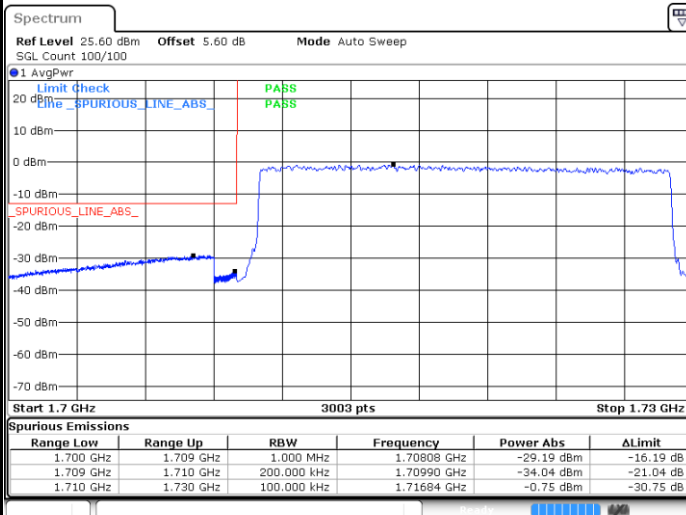
## Lowest Band Edge / 1 RB



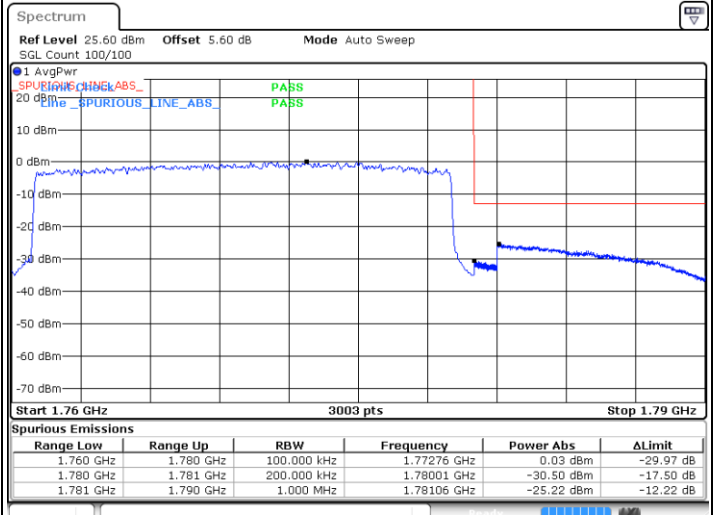
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

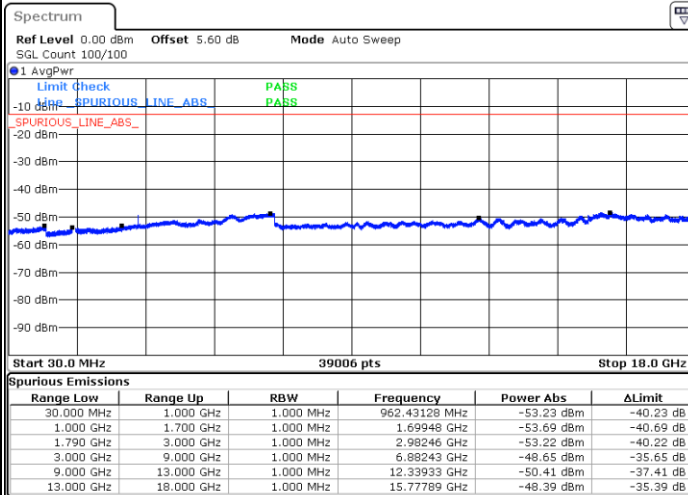




# Conducted Spurious Emission

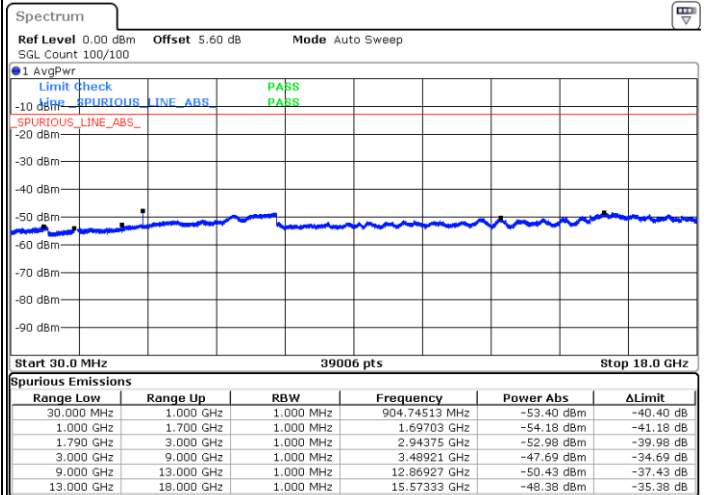
## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK



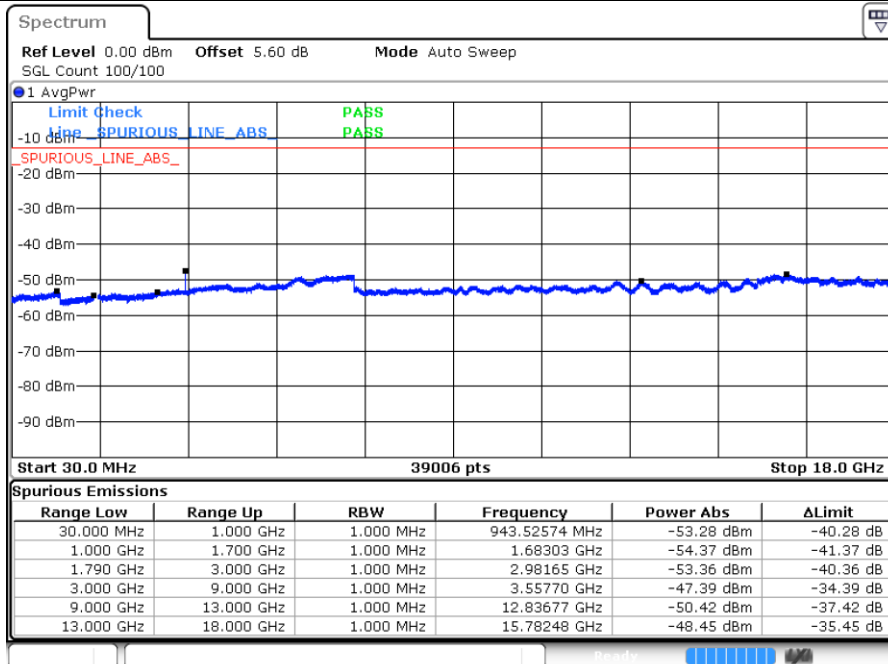
Date: 14.DEC.2023 20:04:54

### Middle Channel / QPSK



Date: 14.DEC.2023 20:16:31

### Highest Channel / QPSK



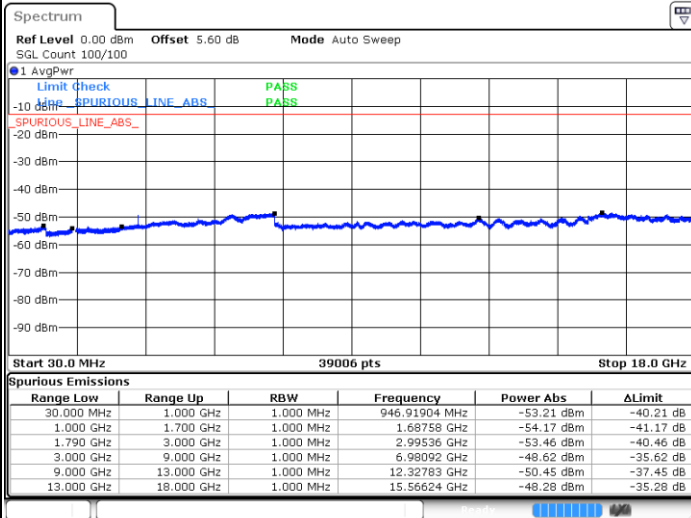
Date: 14.DEC.2023 20:17:51



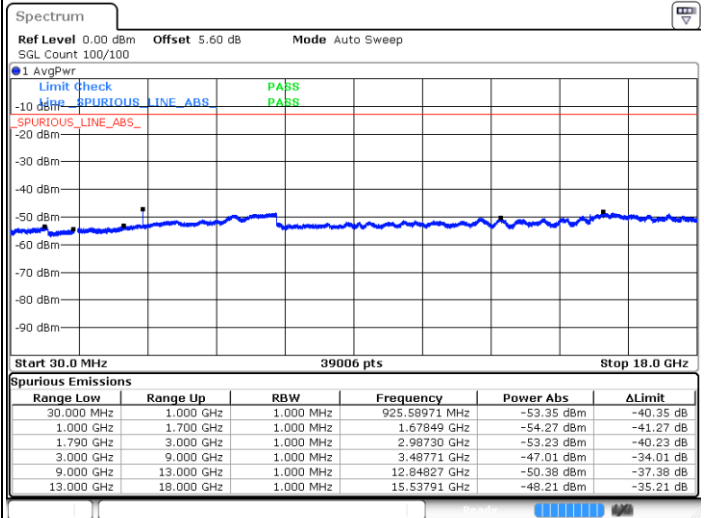
## LTE Band 66 / 3MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK

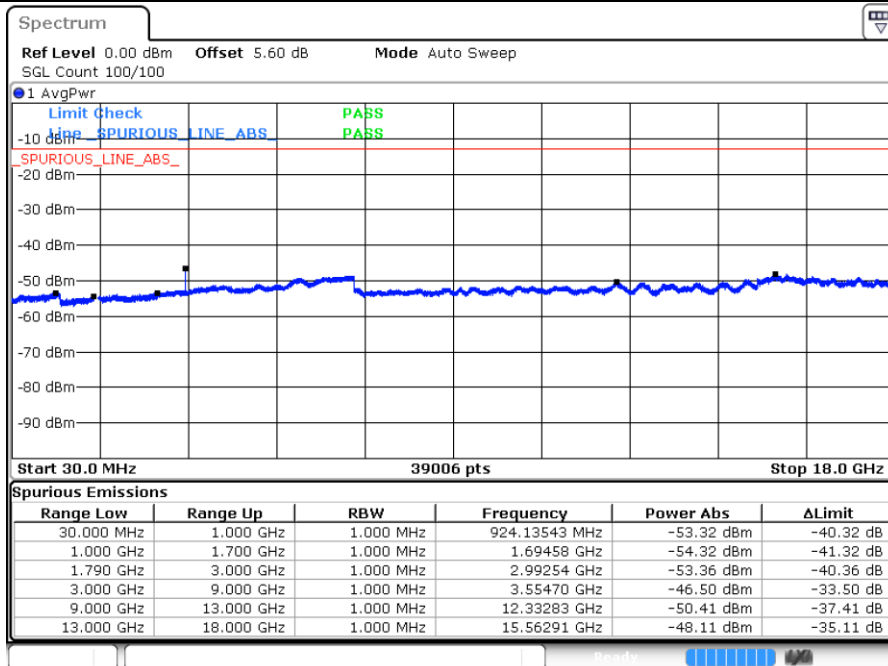


Date: 14 DEC 2023 20:25:51



Date: 14 DEC 2023 20:35:16

## Highest Channel / QPSK



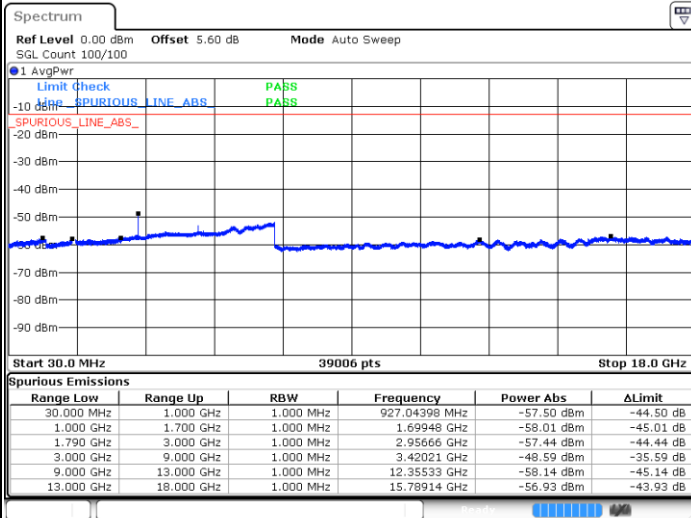
Date: 14 DEC 2023 20:36:36



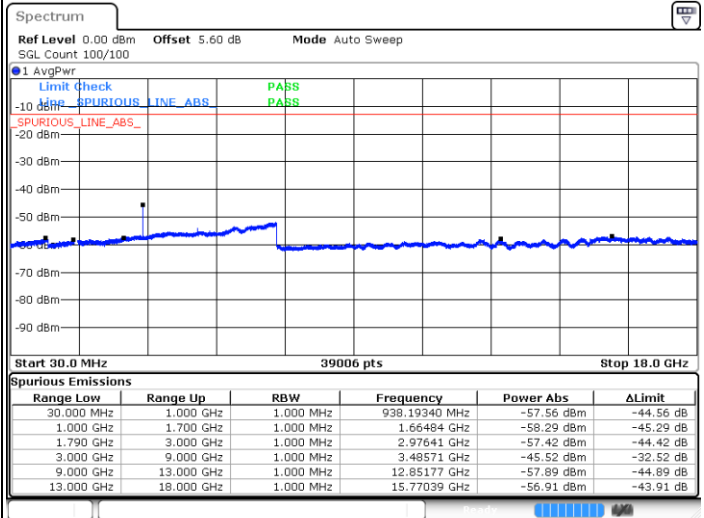
## LTE Band 66 / 5MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK

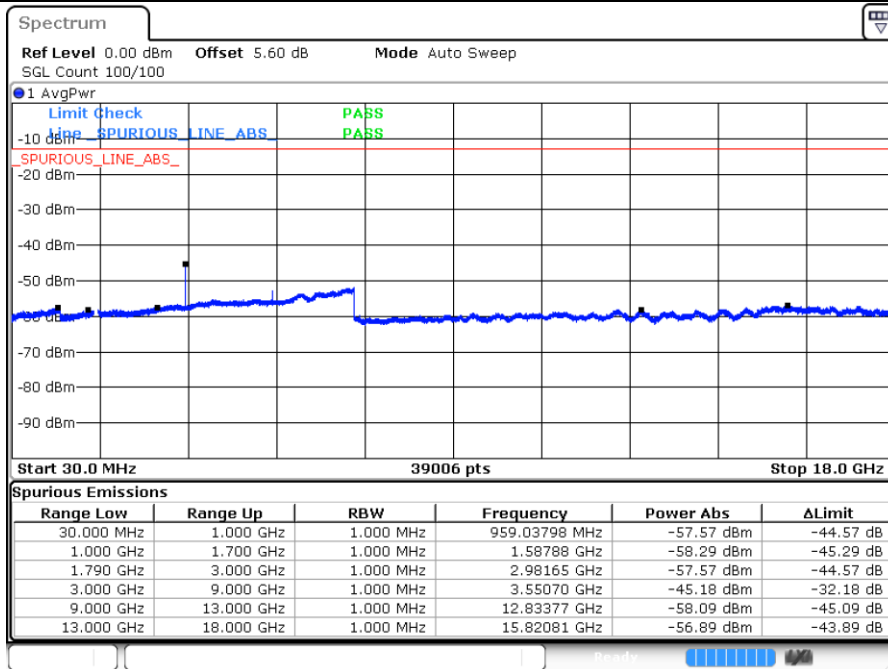


Date: 14 DEC 2023 20:44:35



Date: 14 DEC 2023 20:56:24

## Highest Channel / QPSK



Date: 14 DEC 2023 20:57:44

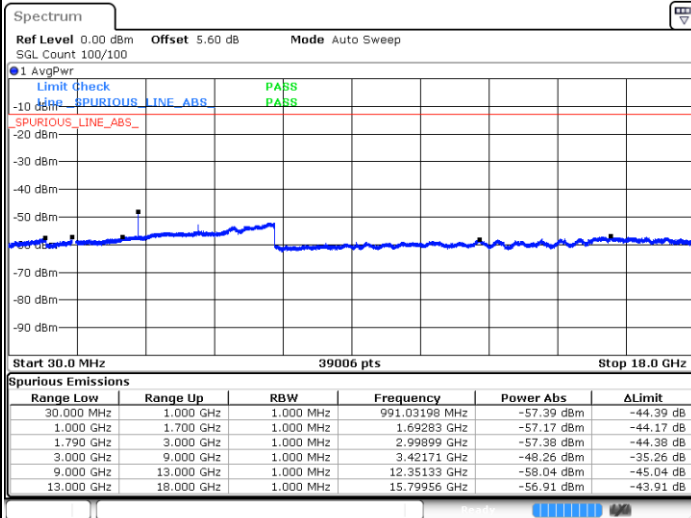




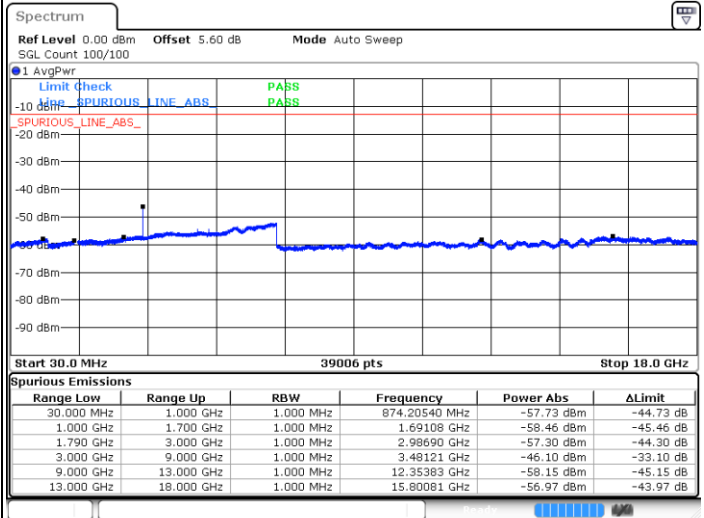
## LTE Band 66 / 10MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK

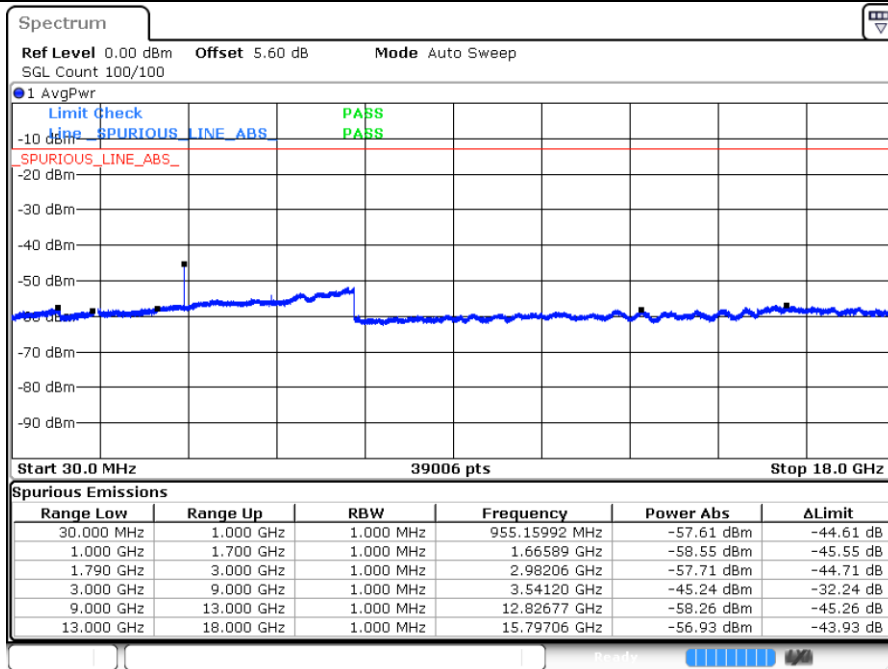


Date: 14 DEC 2023 21:03:03



Date: 14 DEC 2023 21:09:48

## Highest Channel / QPSK



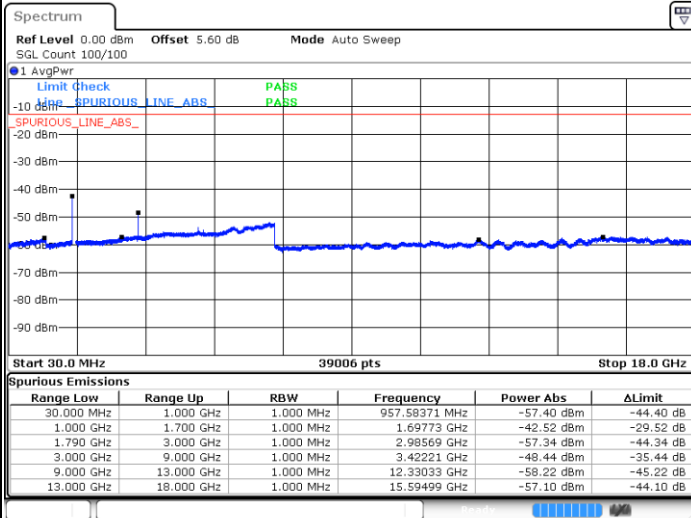
Date: 14 DEC 2023 21:11:08



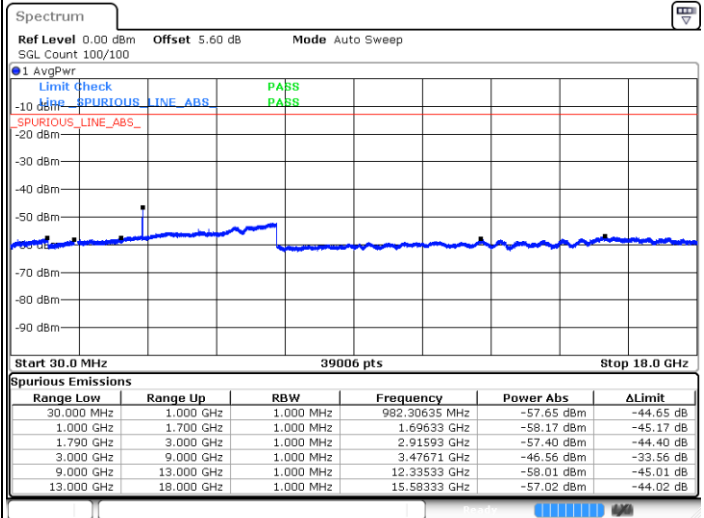
## LTE Band 66 / 15MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK

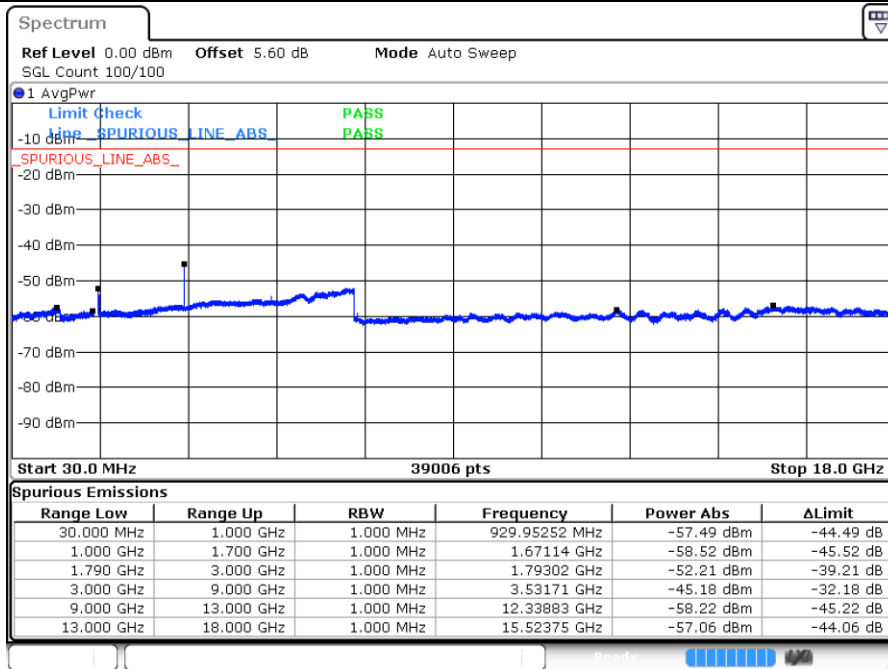


Date: 14.DEC.2023 21:16:28



Date: 14.DEC.2023 21:23:13

## Highest Channel / QPSK



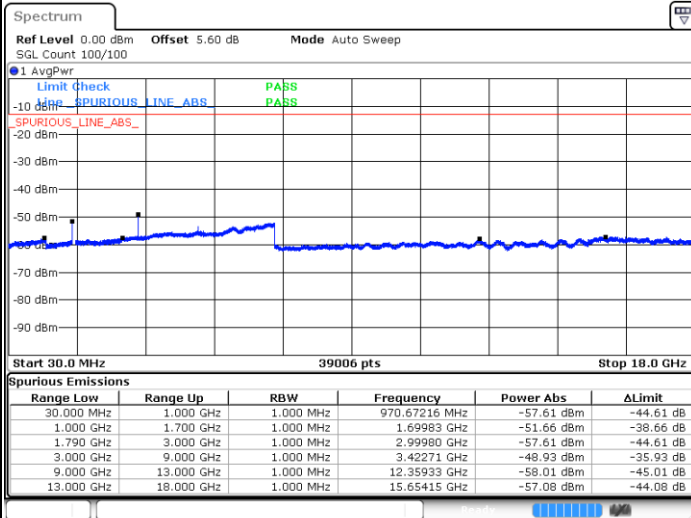
Date: 14.DEC.2023 21:24:33



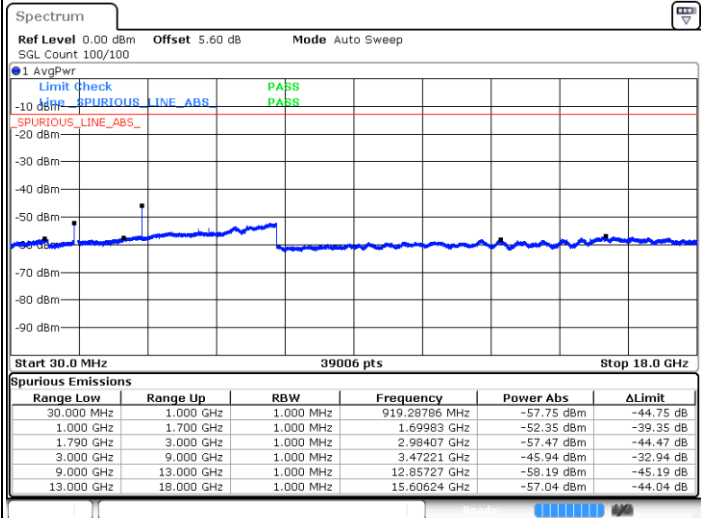
## LTE Band 66 / 20MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK

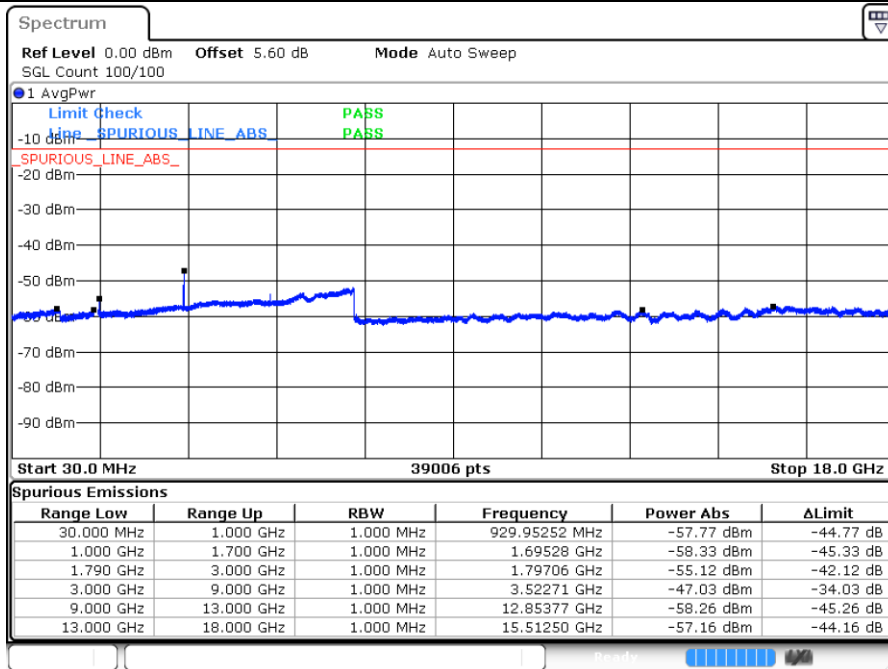


Date: 14 DEC. 2023 21:29:54



Date: 14 DEC. 2023 21:35:13

## Highest Channel / QPSK



Date: 14 DEC. 2023 21:36:33

**Frequency Stability**

| Test Conditions  |                 | LTE Band 66 (QPSK) / Middle Channel | Limit    |
|------------------|-----------------|-------------------------------------|----------|
| Temperature (°C) | Voltage (Volt)  | BW 10MHz                            | Note 2.  |
|                  |                 | Deviation (ppm)                     | Result   |
| 50               | Normal Voltage  | 0.0018                              | PAS<br>S |
| 40               | Normal Voltage  | 0.0005                              |          |
| 30               | Normal Voltage  | 0.0017                              |          |
| 20(Ref.)         | Normal Voltage  | 0.0000                              |          |
| 10               | Normal Voltage  | 0.0032                              |          |
| 0                | Normal Voltage  | 0.0045                              |          |
| -10              | Normal Voltage  | 0.0028                              |          |
| -20              | Normal Voltage  | 0.0011                              |          |
| -30              | Normal Voltage  | 0.0006                              |          |
| 20               | Maximum Voltage | 0.0026                              |          |
| 20               | Normal Voltage  | 0.0003                              |          |
| 20               | Minimum Voltage | 0.0017                              |          |

**Note:**

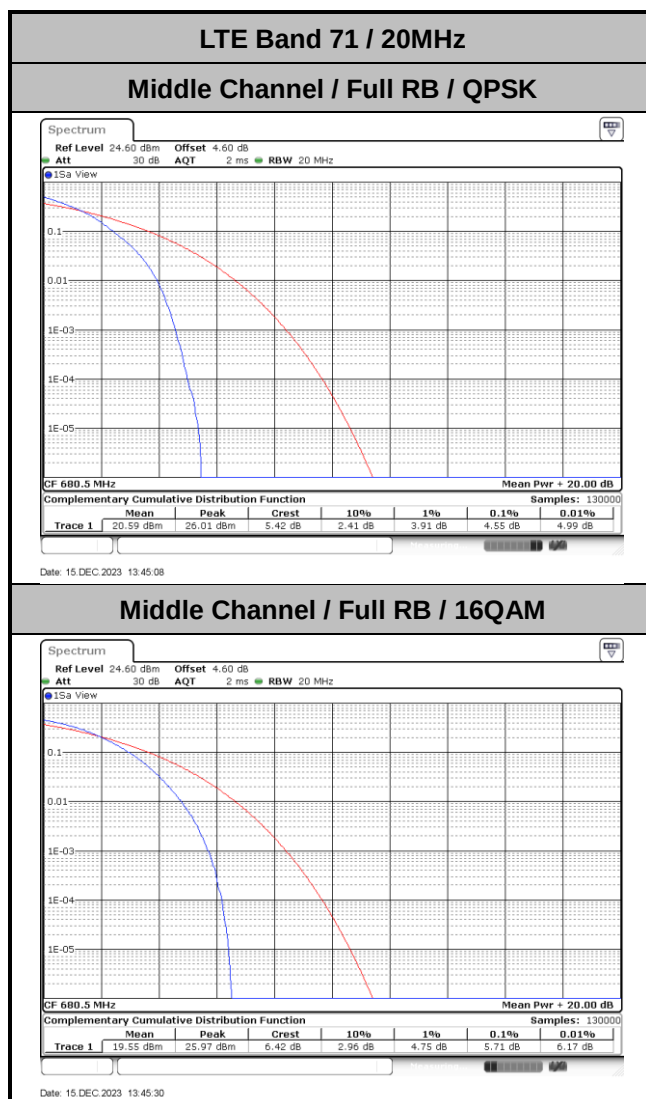
1. Normal Voltage =13 V. ; Maximum Voltage =30 V. ; Minmum Voltage =12 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 71

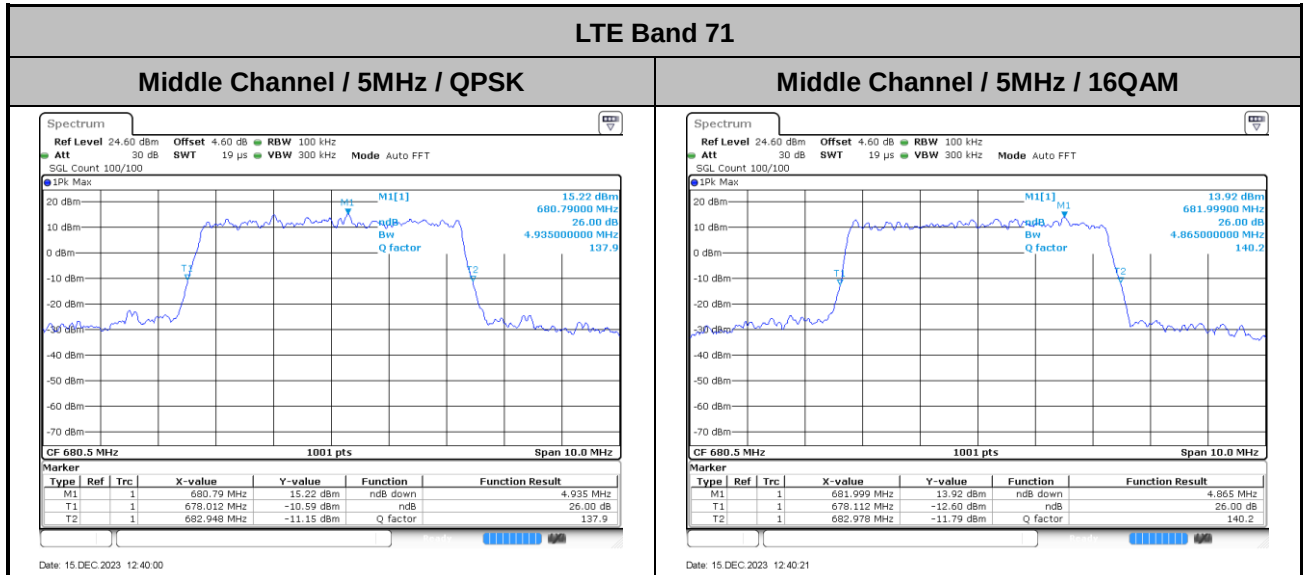
## Peak-to-Average Ratio

| Mode      | LTE Band 71 / 20MHz |         |             |
|-----------|---------------------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Result      |
| Middle CH | 4.55                | 5.71    | PASS        |



**26dB Bandwidth**

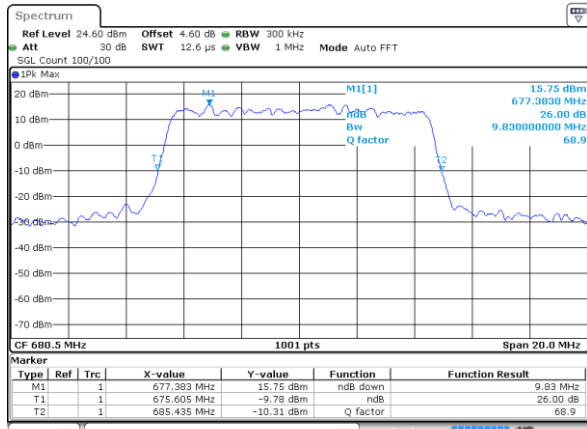
| Mode      | LTE Band 71 : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 5MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 4.94                       | 4.87  |
| Mode      | LTE Band 71 : 26dB BW(MHz) |       |
| BW        | 10MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 9.83                       | 9.73  |
| Mode      | LTE Band 71 : 26dB BW(MHz) |       |
| BW        | 15MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 14.48                      | 14.60 |
| Mode      | LTE Band 71 : 26dB BW(MHz) |       |
| BW        | 20MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 18.94                      | 18.94 |





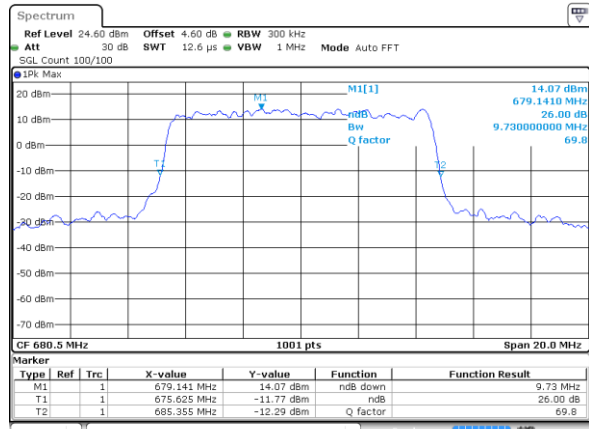
## LTE Band 71

## Middle Channel / 10MHz / QPSK



Date: 15 DEC 2023 12:58:47

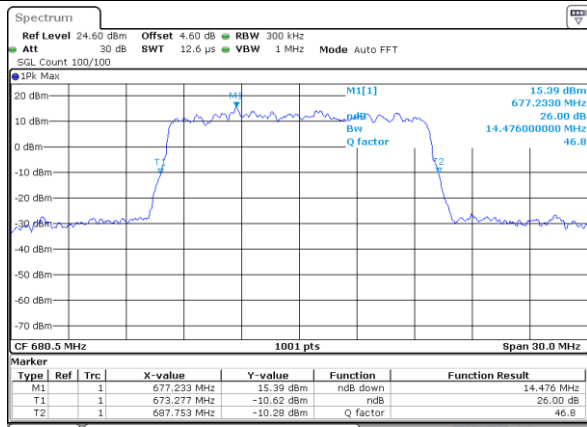
## Middle Channel / 10MHz / 16QAM



Date: 15 DEC 2023 12:59:08

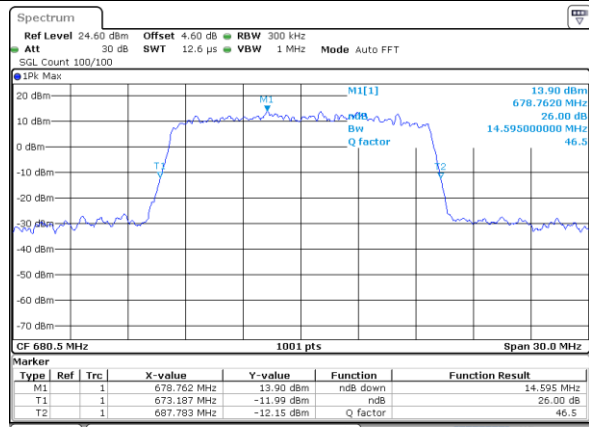
## LTE Band 71

## Middle Channel / 15MHz / QPSK



Date: 15 DEC 2023 13:17:36

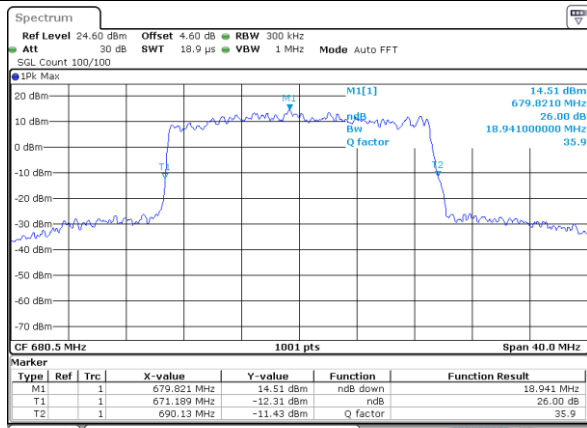
## Middle Channel / 15MHz / 16QAM



Date: 15 DEC 2023 13:17:57

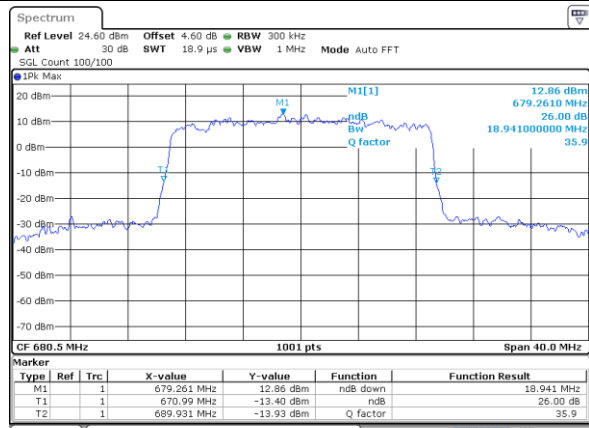
## LTE Band 71

## Middle Channel / 20MHz / QPSK



Date: 15 DEC 2023 13:36:22

## Middle Channel / 20MHz / 16QAM

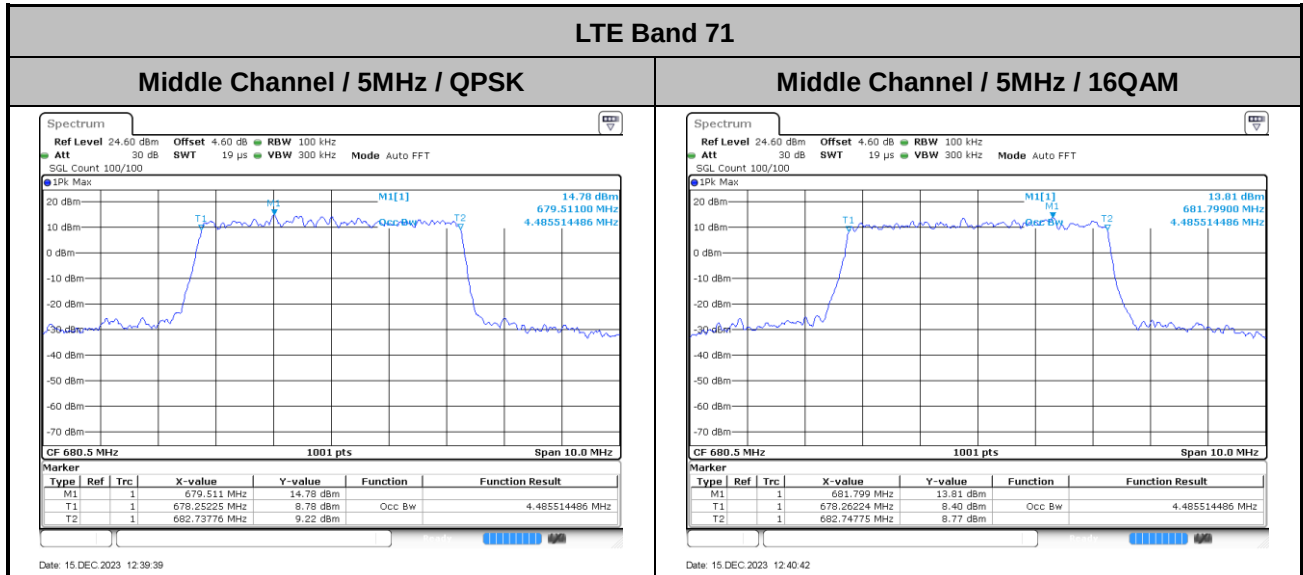


Date: 15 DEC 2023 13:36:44



## Occupied Bandwidth

| Mode      | LTE Band 71 : 99%OBW(MHz) |       |
|-----------|---------------------------|-------|
| BW        | 5MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 4.49                      | 4.49  |
| Mode      | LTE Band 71 : 99%OBW(MHz) |       |
| BW        | 10MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 9.05                      | 8.99  |
| Mode      | LTE Band 71 : 99%OBW(MHz) |       |
| BW        | 15MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 13.37                     | 13.34 |
| Mode      | LTE Band 71 : 99%OBW(MHz) |       |
| BW        | 20MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 17.70                     | 17.78 |

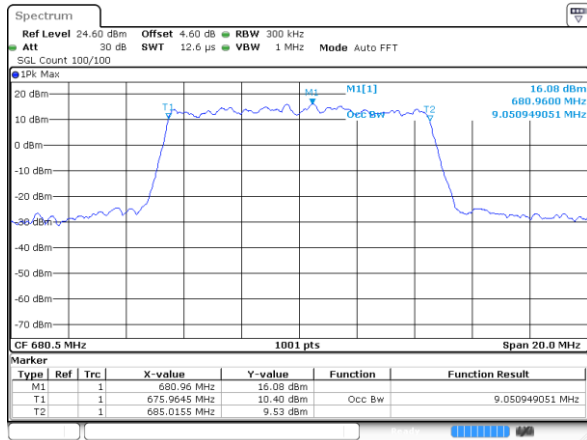




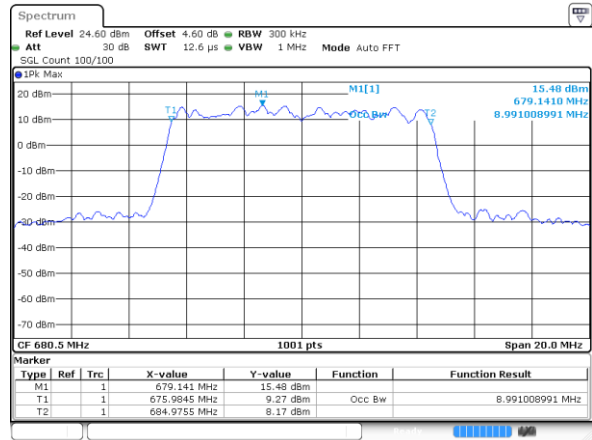


## LTE Band 71

## Middle Channel / 10MHz / QPSK

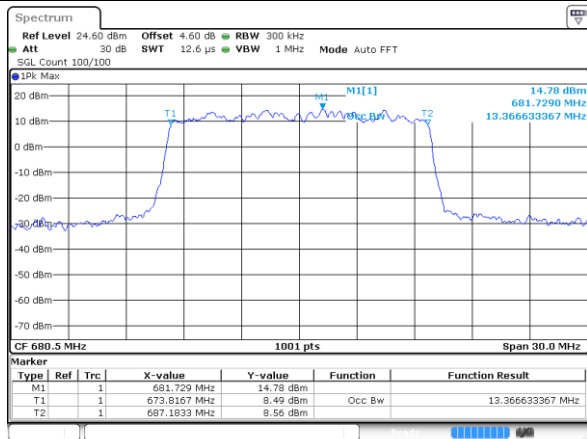


## Middle Channel / 10MHz / 16QAM

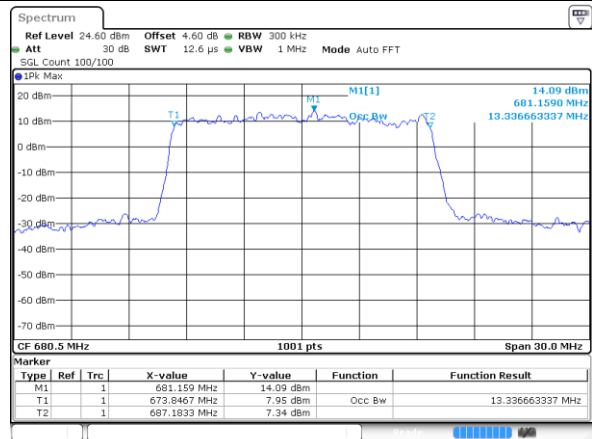


## LTE Band 71

## Middle Channel / 15MHz / QPSK

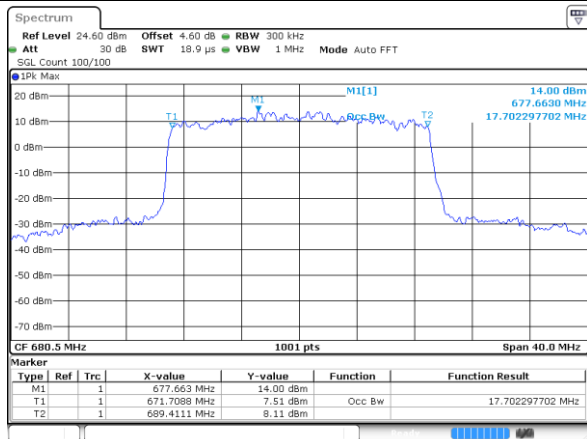


## Middle Channel / 15MHz / 16QAM

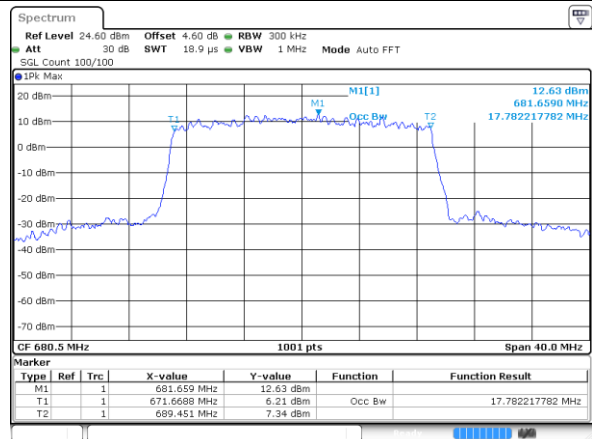


## LTE Band 71

## Middle Channel / 20MHz / QPSK



## Middle Channel / 20MHz / 16QAM

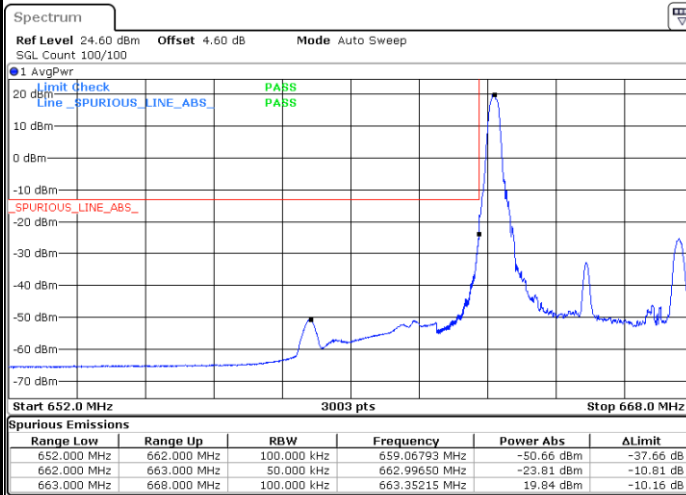




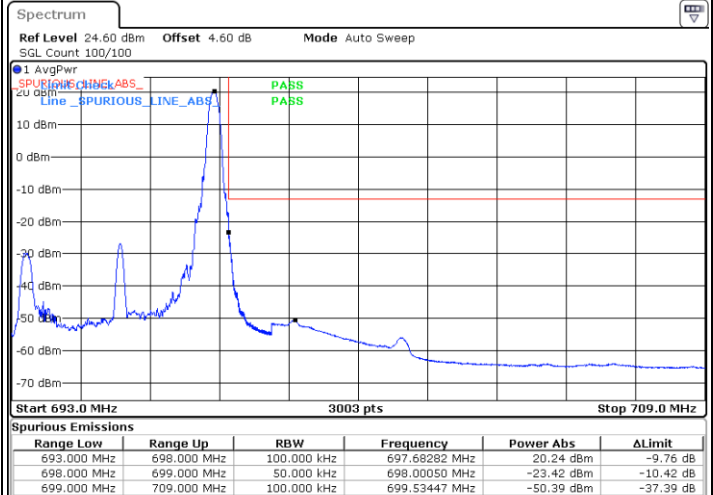
# Conducted Band Edge

## LTE Band 71 / 5MHz / QPSK

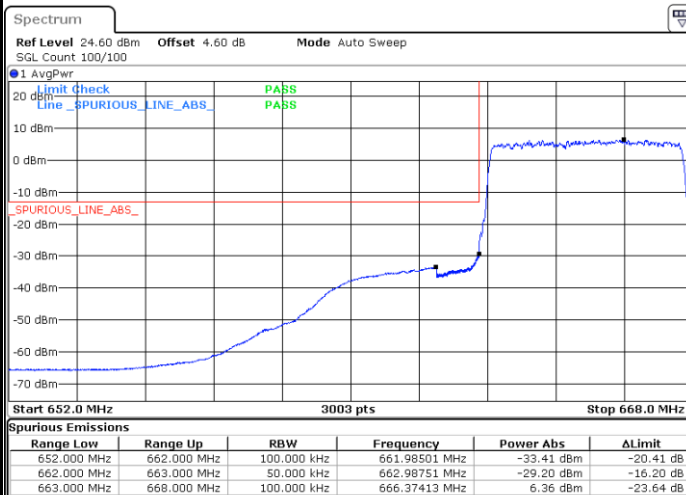
### Lowest Band Edge / 1 RB



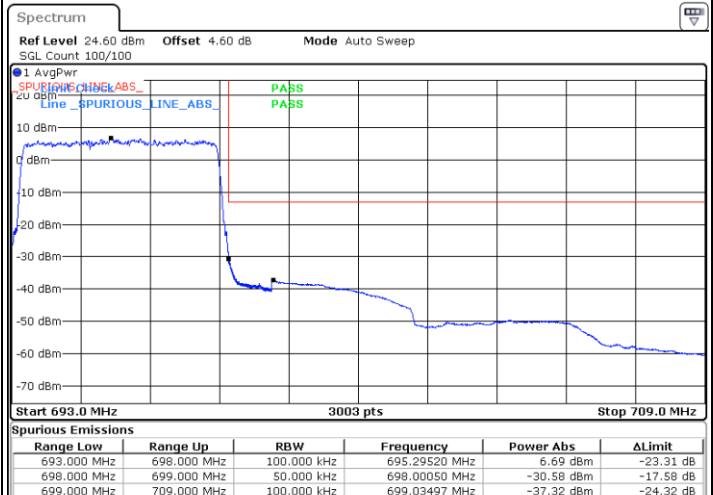
### Highest Band Edge / 1 RB



### Lowest Band Edge / Full RB



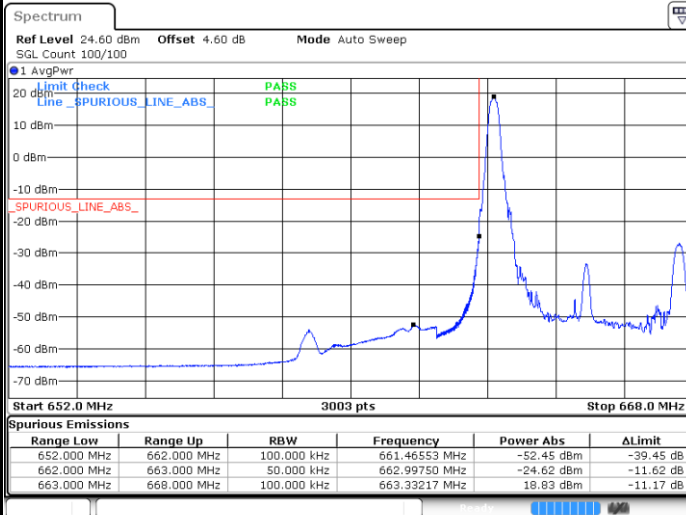
### Highest Band Edge / Full RB



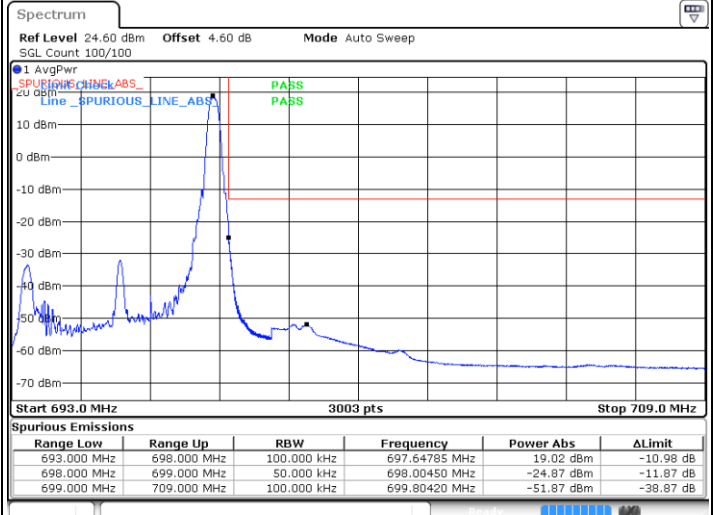


## LTE Band 71 / 5MHz / 16QAM

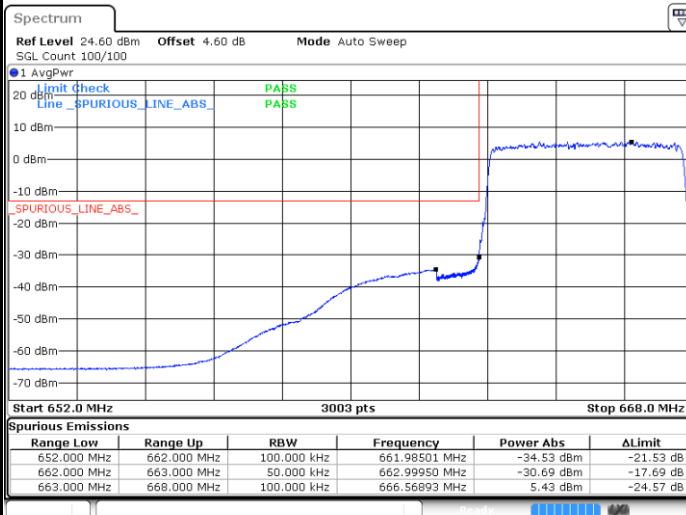
## Lowest Band Edge / 1 RB



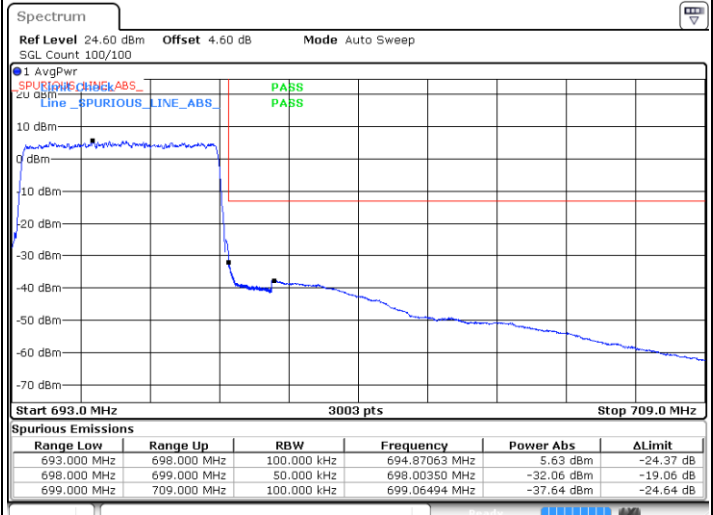
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



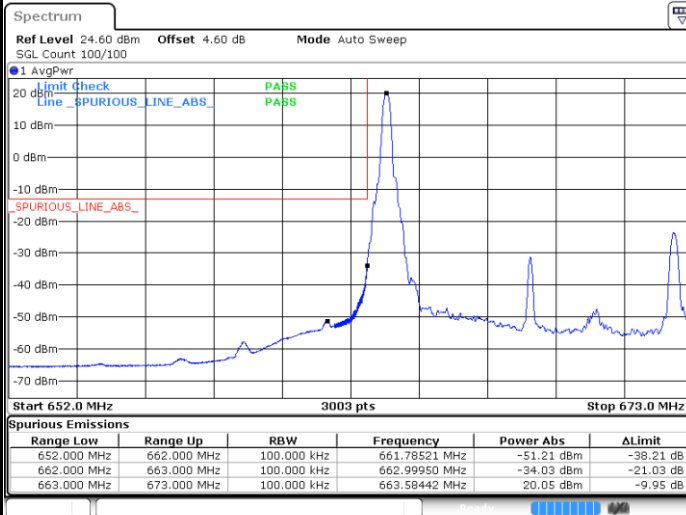
## Highest Band Edge / Full RB



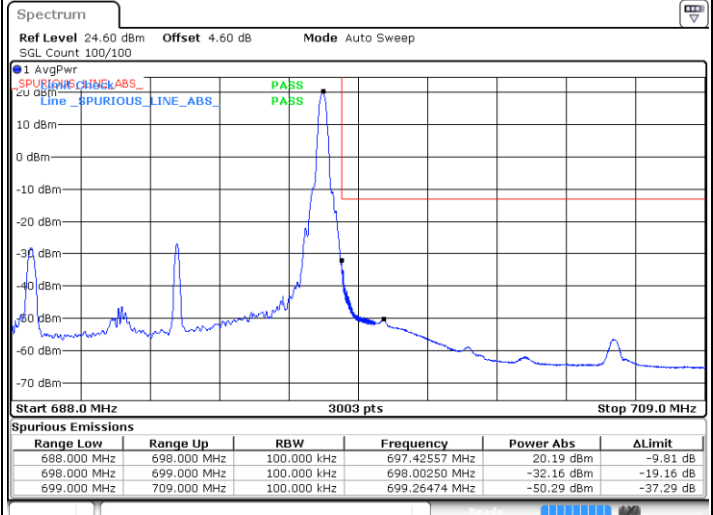


## LTE Band 71 / 10MHz / QPSK

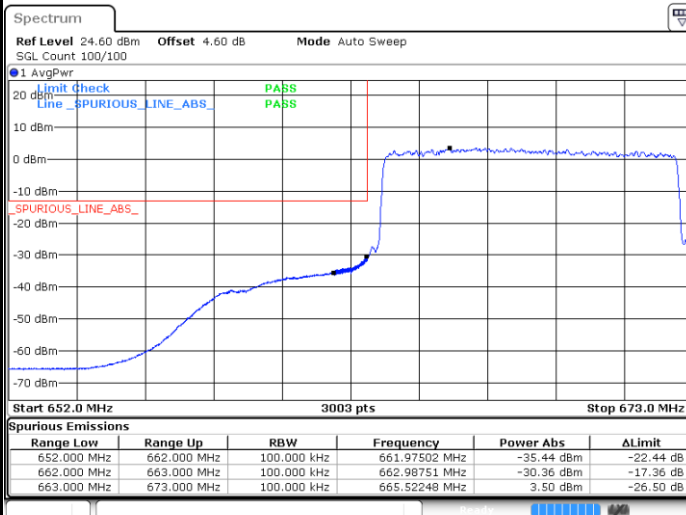
## Lowest Band Edge / 1 RB



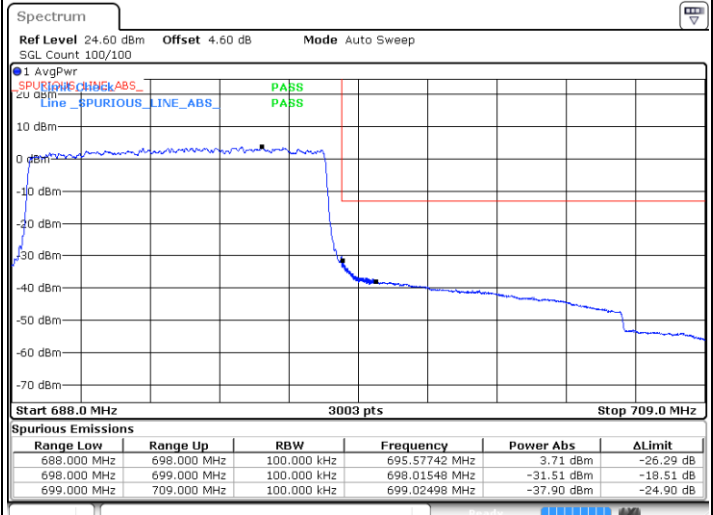
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



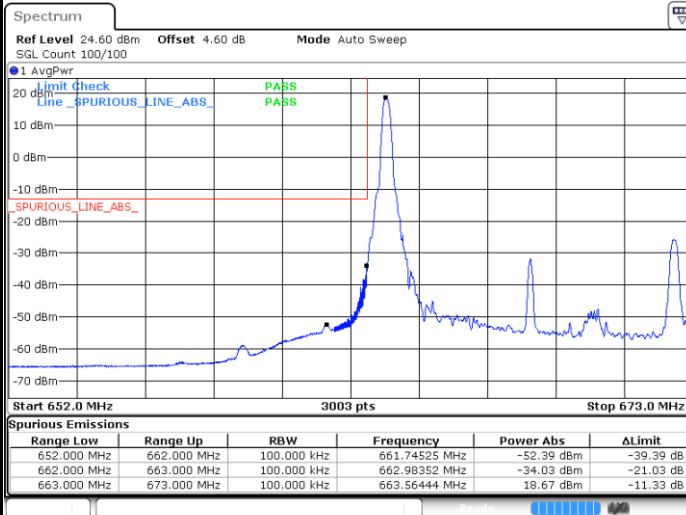
## Highest Band Edge / Full RB



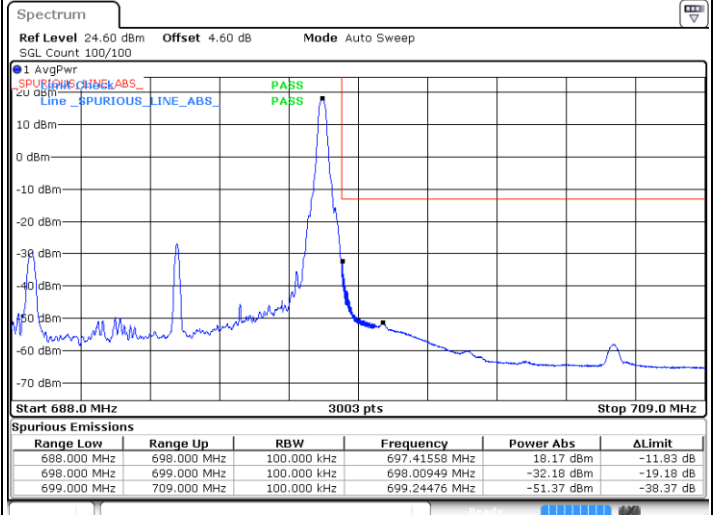


## LTE Band 71 / 10MHz / 16QAM

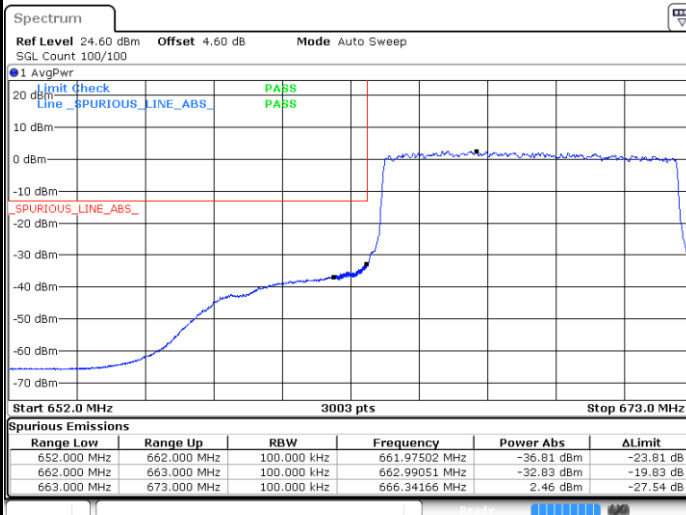
## Lowest Band Edge / 1 RB



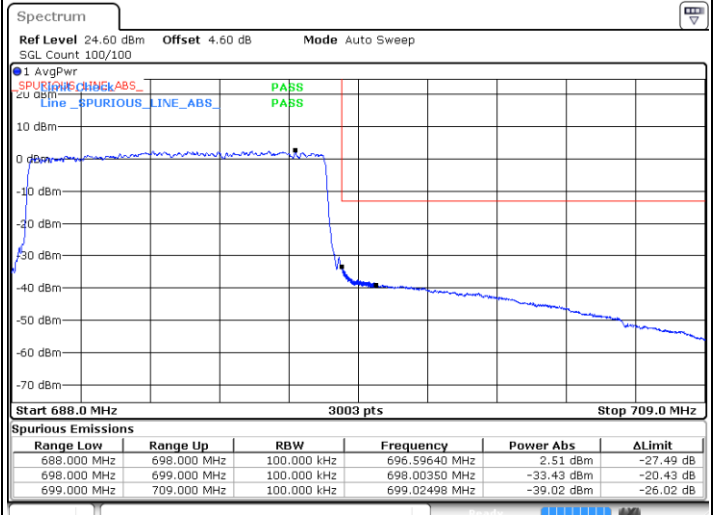
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



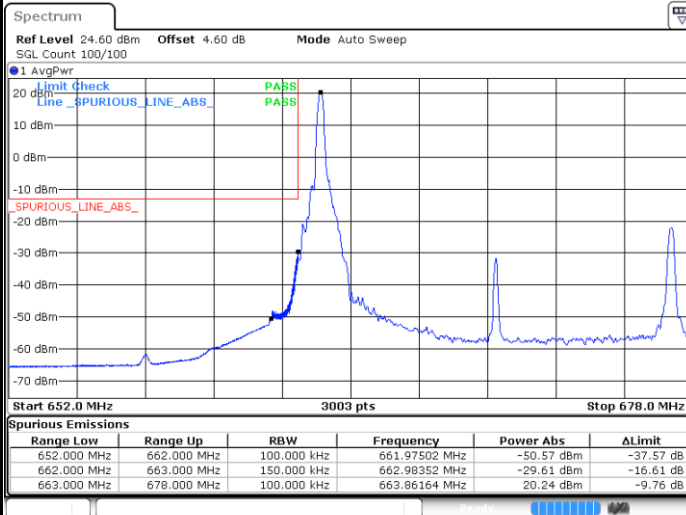
## Highest Band Edge / Full RB



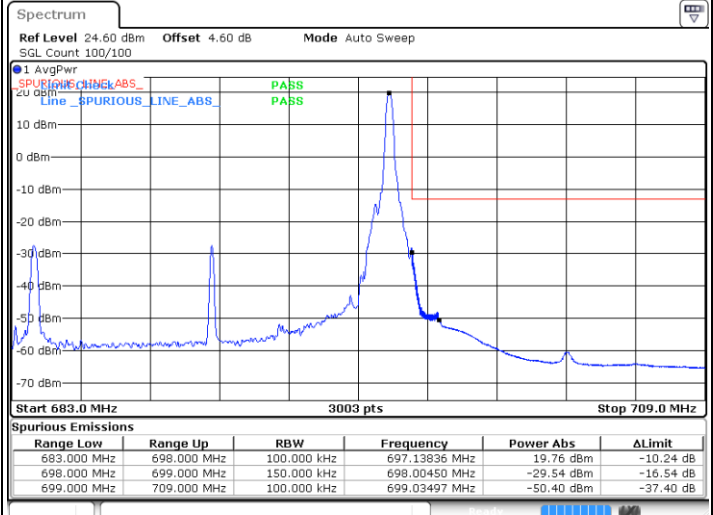


## LTE Band 71 / 15MHz / QPSK

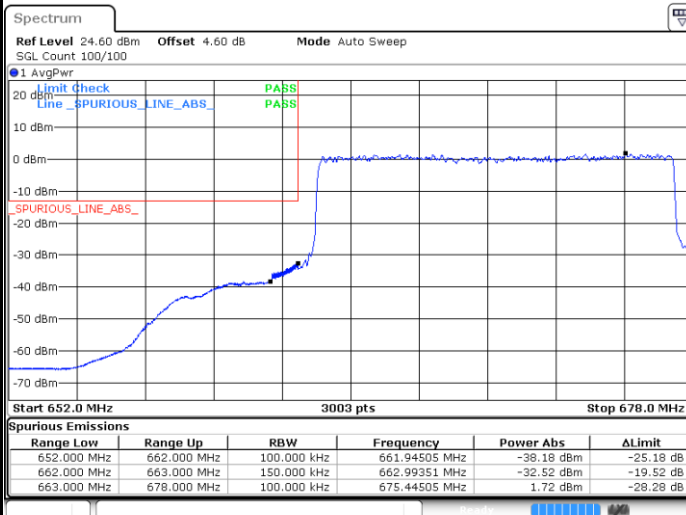
## Lowest Band Edge / 1 RB



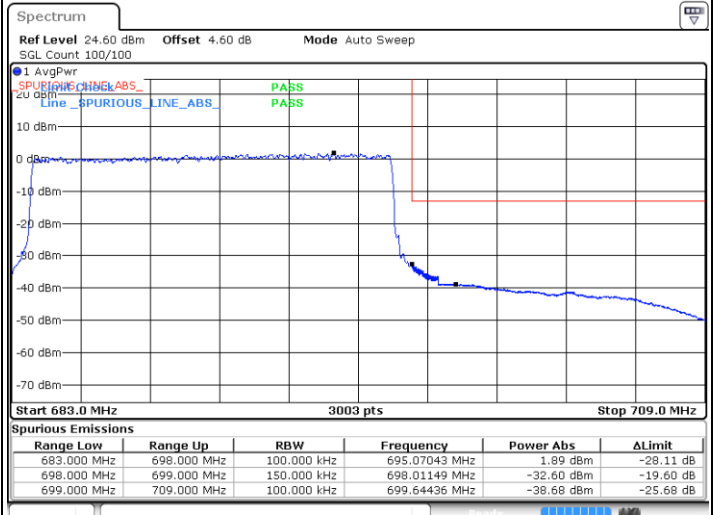
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



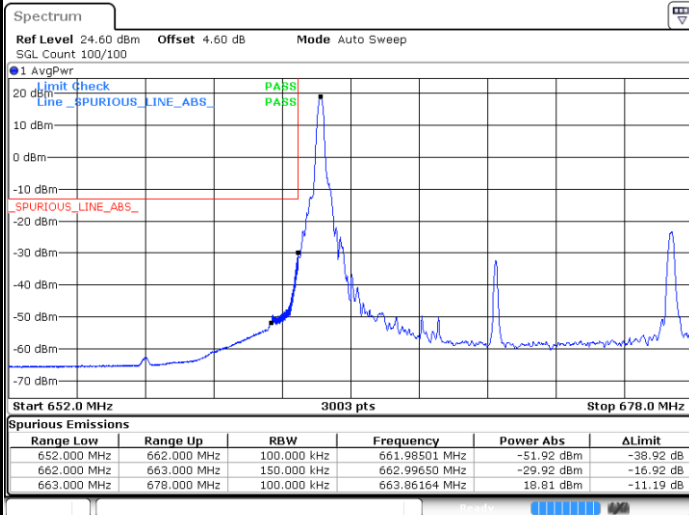
## Highest Band Edge / Full RB



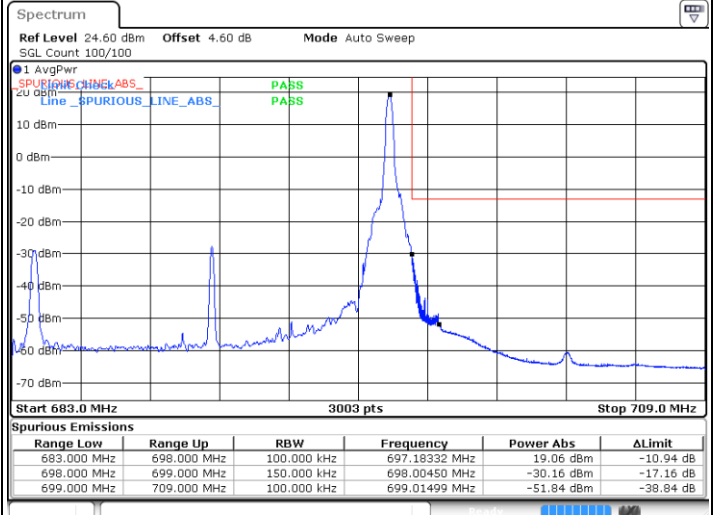


## LTE Band 71 / 15MHz / 16QAM

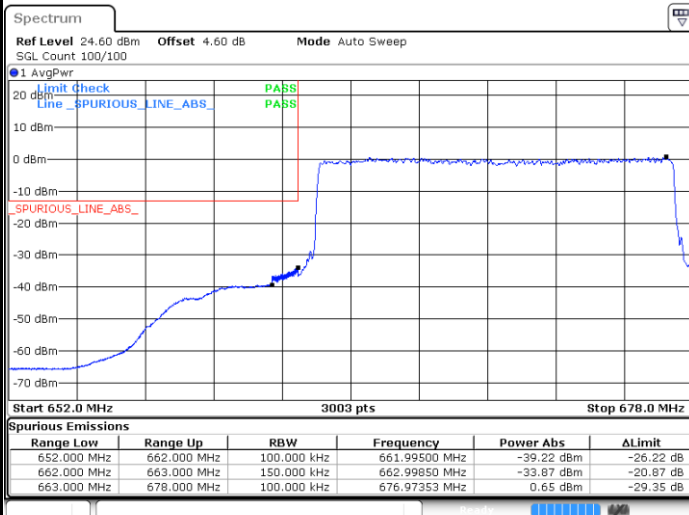
## Lowest Band Edge / 1 RB



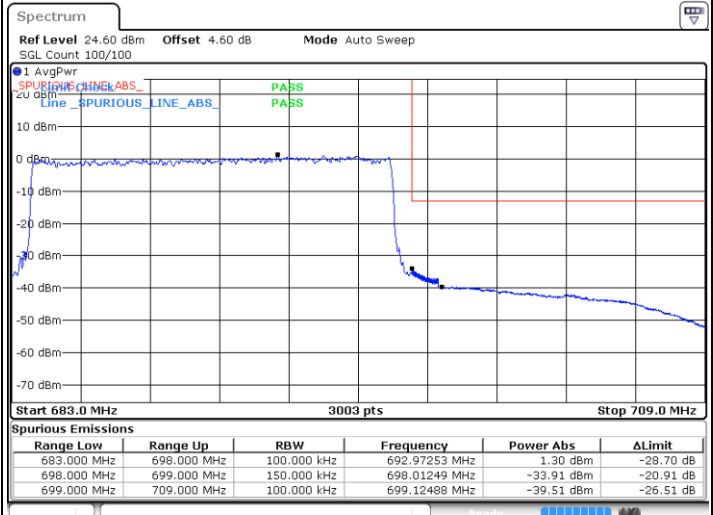
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



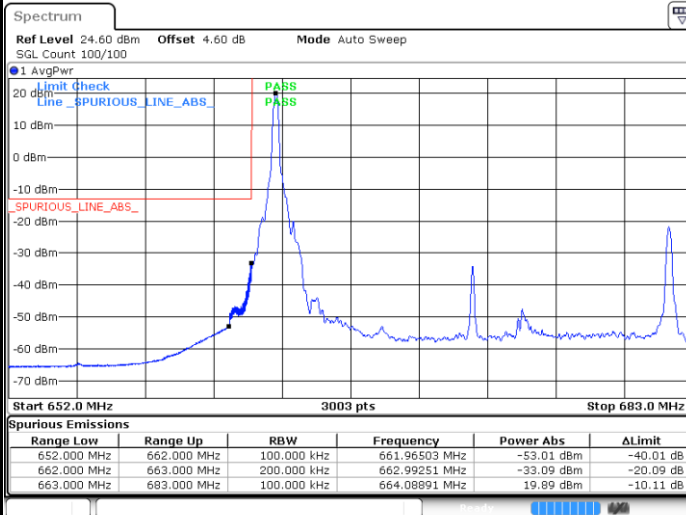
## Highest Band Edge / Full RB



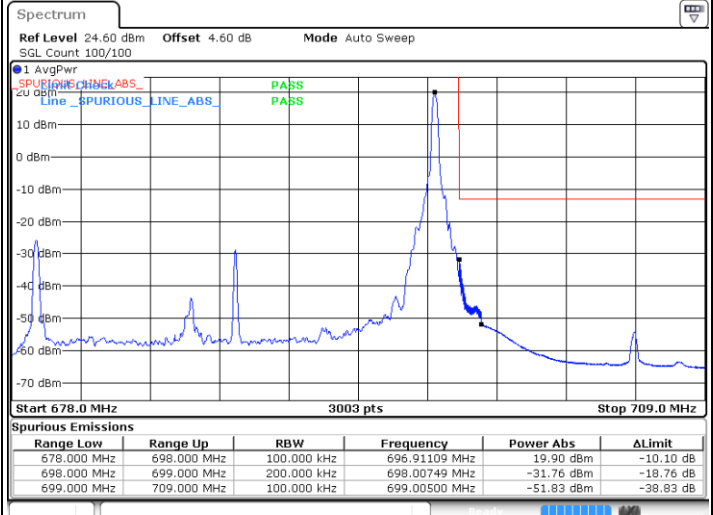


## LTE Band 71 / 20MHz / QPSK

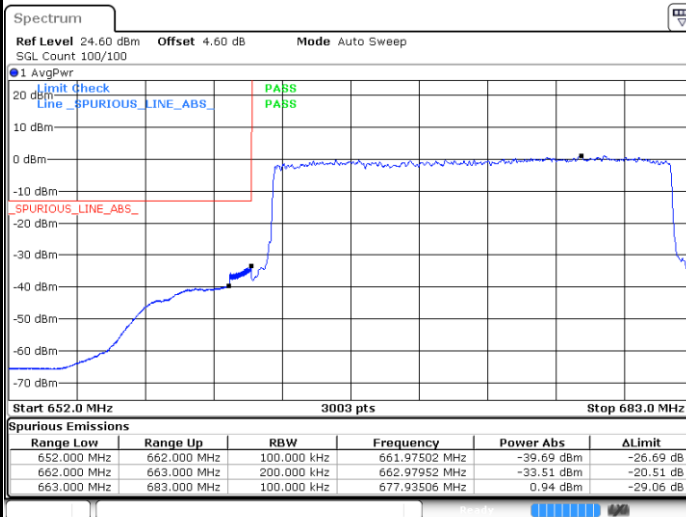
## Lowest Band Edge / 1 RB



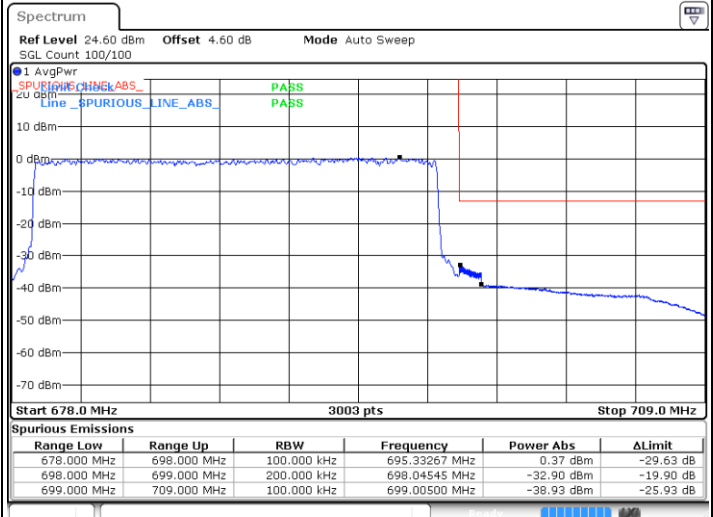
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

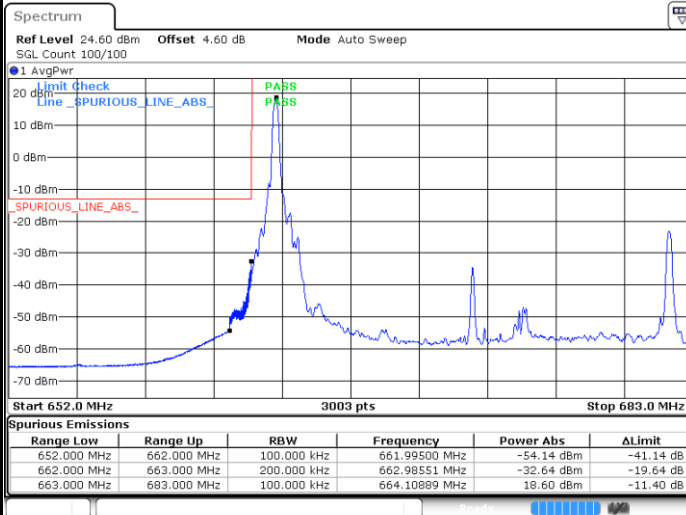




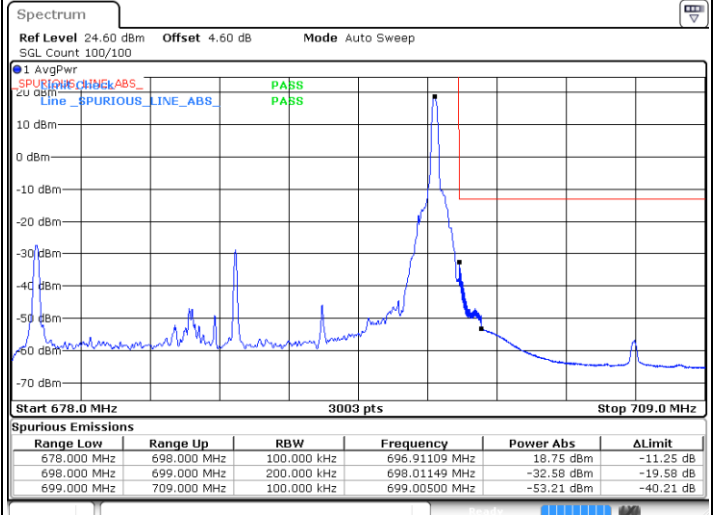


## LTE Band 71 / 20MHz / 16QAM

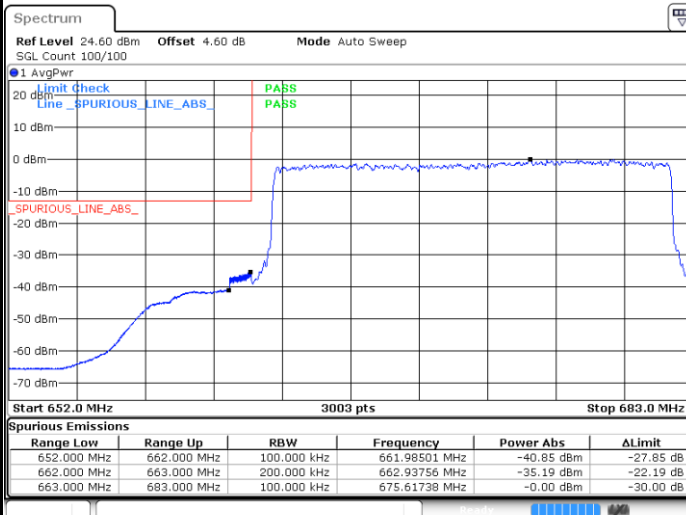
## Lowest Band Edge / 1 RB



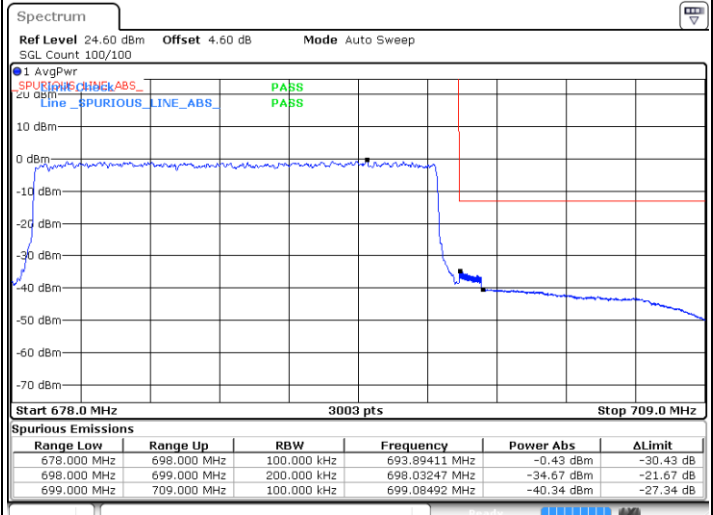
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

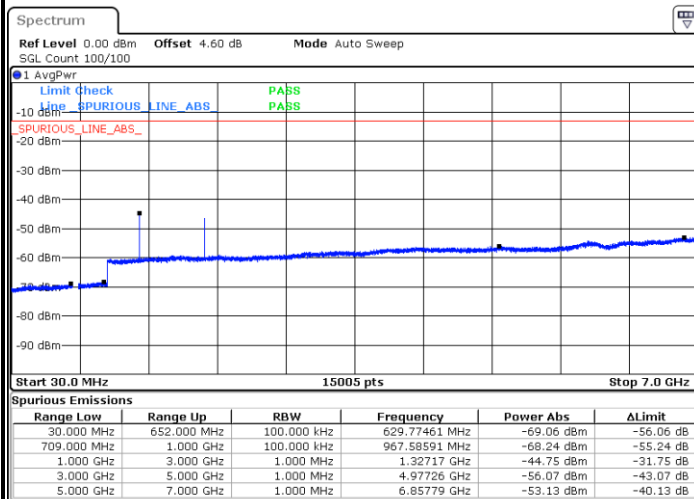




# Conducted Spurious Emission

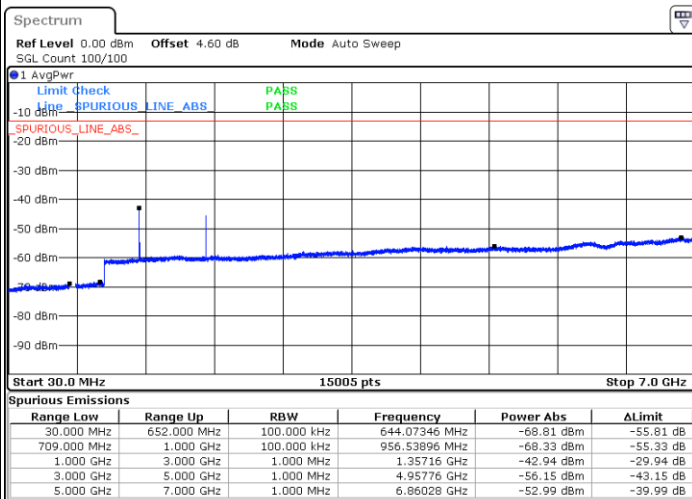
## LTE Band 71 / 5MHz

### Lowest Channel / QPSK



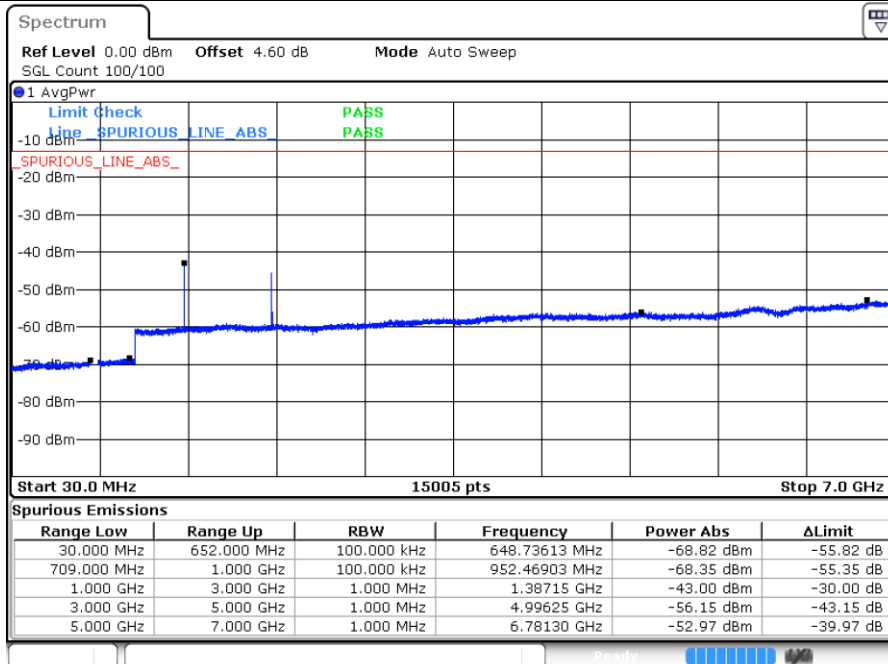
Date: 15 DEC.2023 12:31:37

### Middle Channel / QPSK



Date: 15 DEC.2023 12:39:18

### Highest Channel / QPSK



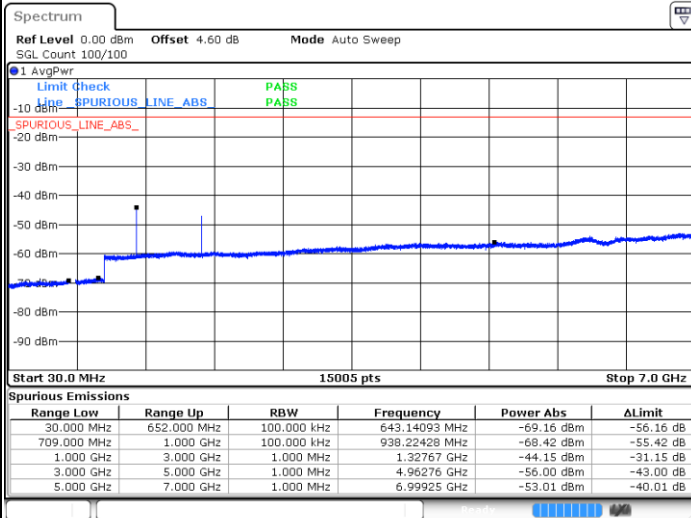
Date: 15 DEC.2023 12:42:41



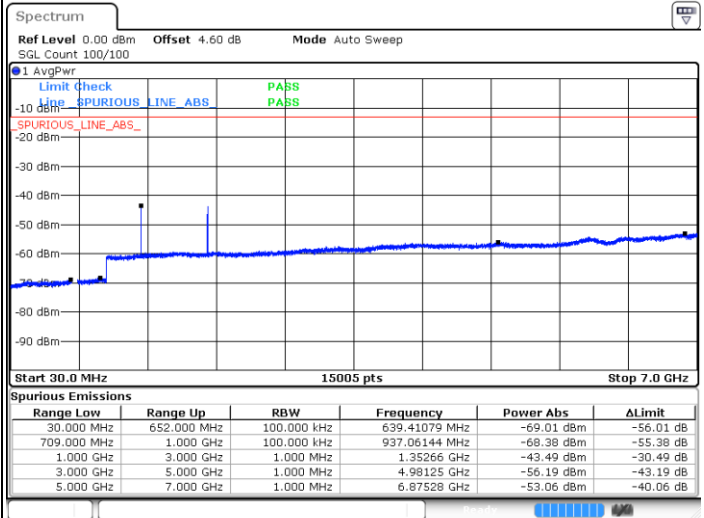
## LTE Band 71 / 10MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK

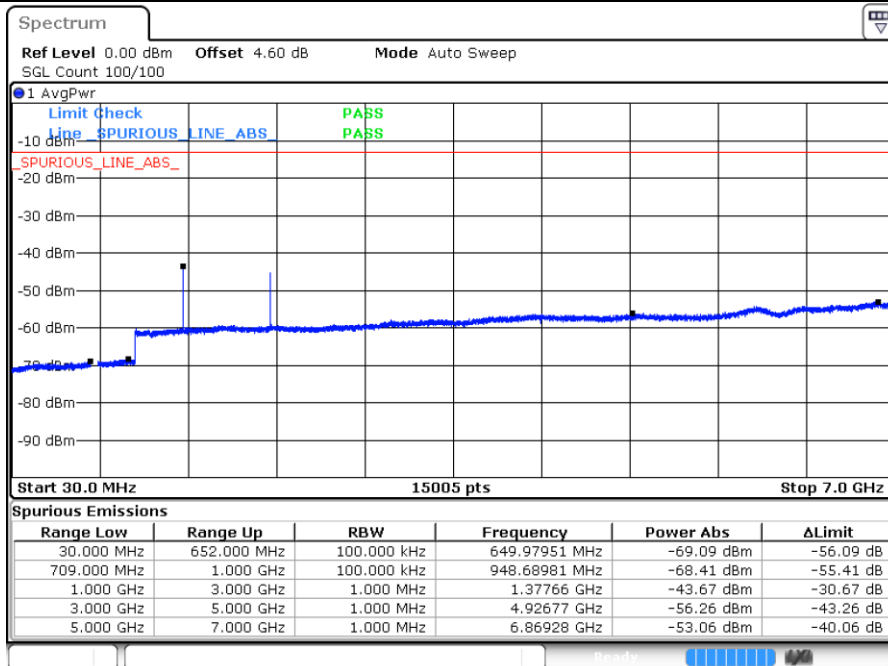


Date: 15 DEC 2023 12:56:06



Date: 15 DEC 2023 12:58:05

## Highest Channel / QPSK



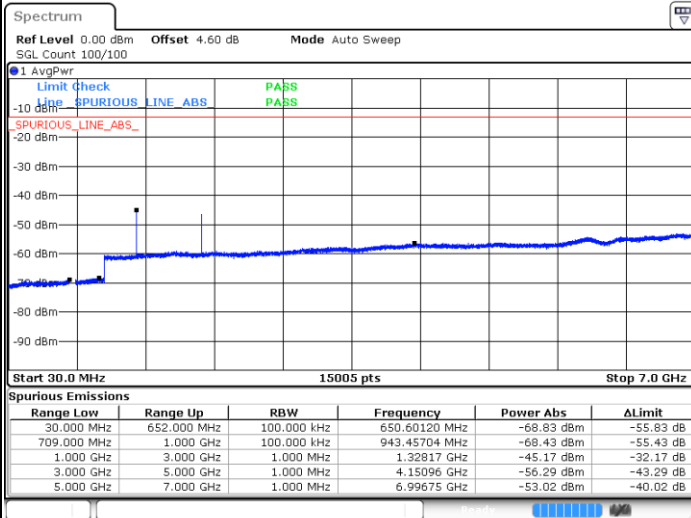
Date: 15 DEC 2023 13:01:28



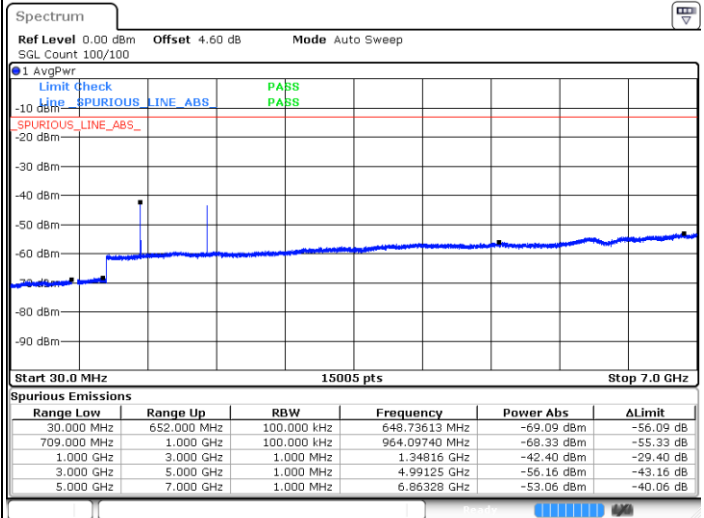
## LTE Band 71 / 15MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK

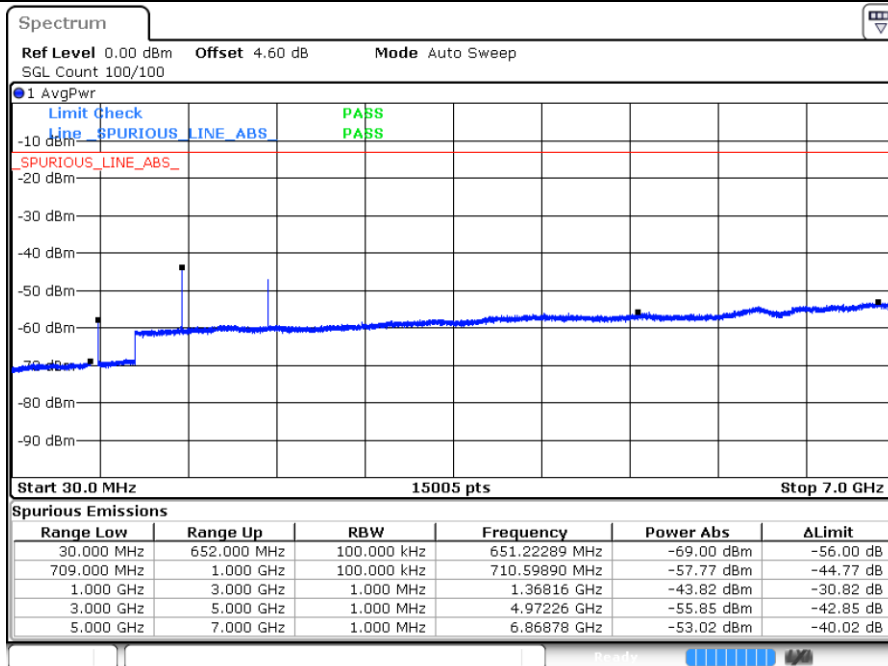


Date: 15 DEC.2023 13:14:55



Date: 15 DEC.2023 13:16:54

## Highest Channel / QPSK

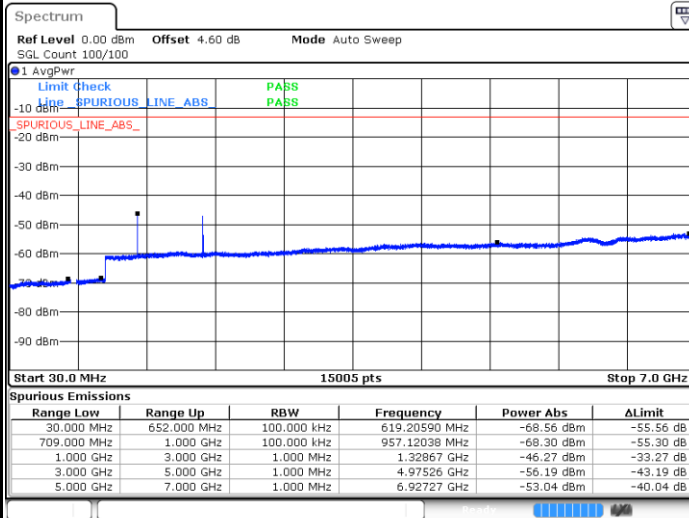


Date: 15 DEC.2023 13:20:17



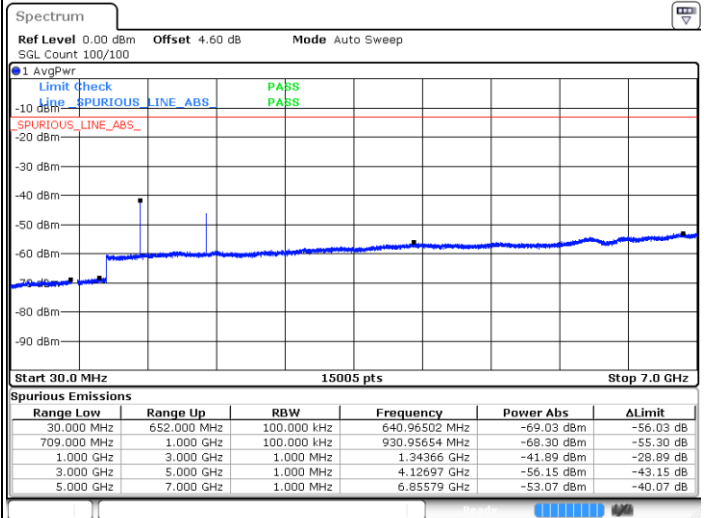
## LTE Band 71 / 20MHz

## Lowest Channel / QPSK



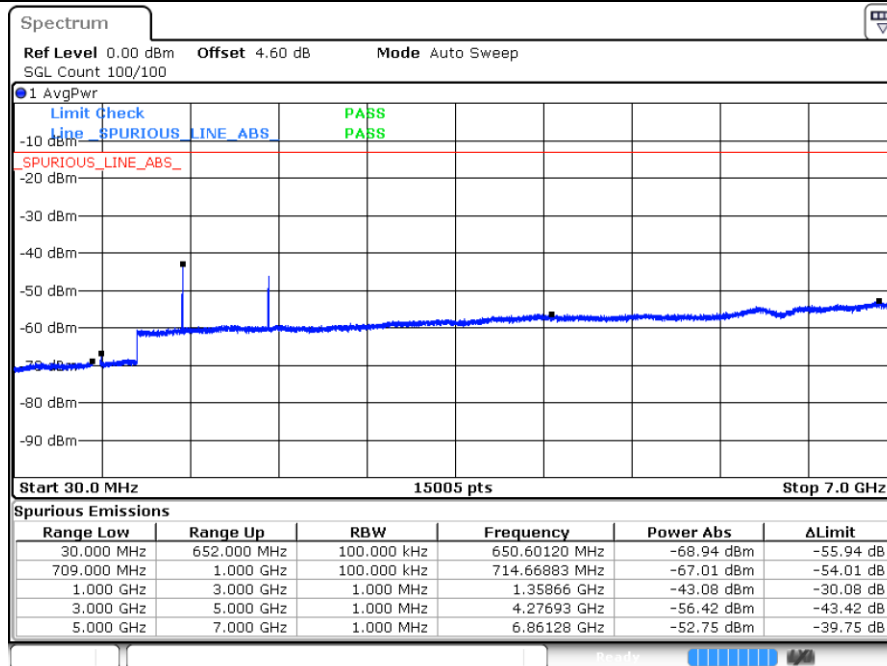
Date: 15 DEC. 2023 13:33:41

## Middle Channel / QPSK



Date: 15 DEC. 2023 13:35:40

## Highest Channel / QPSK



Date: 15 DEC. 2023 13:39:03

**Frequency Stability**

| Test Conditions  |                 | LTE Band 71 (QPSK) / Middle Channel | Limit   |
|------------------|-----------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)  | BW 10MHz                            | Note 2. |
|                  |                 | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage  | 0.0008                              | PASS    |
| 40               | Normal Voltage  | 0.0013                              |         |
| 30               | Normal Voltage  | 0.0046                              |         |
| 20(Ref.)         | Normal Voltage  | 0.0000                              |         |
| 10               | Normal Voltage  | 0.0055                              |         |
| 0                | Normal Voltage  | 0.0061                              |         |
| -10              | Normal Voltage  | 0.0044                              |         |
| -20              | Normal Voltage  | 0.0028                              |         |
| -30              | Normal Voltage  | 0.0017                              |         |
| 20               | Maximum Voltage | 0.0012                              |         |
| 20               | Normal Voltage  | 0.0003                              |         |
| 20               | Minimum Voltage | 0.0034                              |         |

**Note:**

1. Normal Voltage =13V. ; Minimum Voltage =12 V. ; Maximum Voltage =30 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |          |                     |         |
|-----------------|----------|---------------------|---------|
| Test Engineer : | Carry Xu | Temperature :       | 23~25°C |
|                 |          | Relative Humidity : | 41~42%  |

| LTE Band 2 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 3705              | -57.35       | -13           | -44.35            | -69.61             | 2.641                | 14.90                 | H                  |
|                           | 5550              | -47.01       | -13           | -34.01            | -58.87             | 2.94                 | 14.80                 | H                  |
|                           | 7410              | -53.79       | -13           | -40.79            | -63.56             | 3.39                 | 13.16                 | H                  |
|                           | 3705              | -58.03       | -13           | -45.03            | -70.29             | 2.64                 | 14.90                 | V                  |
|                           | 5550              | -53.47       | -13           | -40.47            | -65.33             | 2.94                 | 14.80                 | V                  |
|                           | 7410              | -53.64       | -13           | -40.64            | -63.41             | 3.39                 | 13.16                 | V                  |
| Middle                    | 3735              | -57.58       | -13           | -44.58            | -69.84             | 2.64                 | 14.90                 | H                  |
|                           | 5610              | -48.19       | -13           | -35.19            | -60.05             | 2.94                 | 14.80                 | H                  |
|                           | 7485              | -53.37       | -13           | -40.37            | -63.14             | 3.39                 | 13.16                 | H                  |
|                           | 3735              | -57.56       | -13           | -44.56            | -69.82             | 2.64                 | 14.90                 | V                  |
|                           | 5610              | -55.13       | -13           | -42.13            | -66.99             | 2.94                 | 14.80                 | V                  |
|                           | 7485              | -52.84       | -13           | -39.84            | -62.61             | 3.39                 | 13.16                 | V                  |
| Highest                   | 3780              | -57.93       | -13           | -44.93            | -70.19             | 2.64                 | 14.90                 | H                  |
|                           | 5670              | -48.39       | -13           | -35.39            | -60.25             | 2.94                 | 14.80                 | H                  |
|                           | 7560              | -53.70       | -13           | -40.70            | -63.47             | 3.39                 | 13.16                 | H                  |
|                           | 3780              | -57.95       | -13           | -44.95            | -70.21             | 2.64                 | 14.90                 | V                  |
|                           | 5670              | -54.03       | -13           | -41.03            | -65.89             | 2.94                 | 14.80                 | V                  |
|                           | 7560              | -53.29       | -13           | -40.29            | -63.06             | 3.39                 | 13.16                 | V                  |

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



| LTE Band 5 / 10MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1648              | -58.90       | -13           | -45.90            | -65.87             | 1.58                 | 10.70                 | H                  |
|                           | 2472              | -57.15       | -13           | -44.15            | -65.40             | 2.102                | 12.50                 | H                  |
|                           | 3296              | -60.78       | -13           | -47.78            | -69.67             | 2.856                | 13.90                 | H                  |
|                           | 1648              | -57.45       | -13           | -44.45            | -64.42             | 1.58                 | 10.70                 | V                  |
|                           | 2472              | -56.19       | -13           | -43.19            | -64.44             | 2.10                 | 12.50                 | V                  |
|                           | 3296              | -61.21       | -13           | -48.21            | -70.10             | 2.86                 | 13.90                 | V                  |
| Middle                    | 1664              | -65.40       | -13           | -52.40            | -72.37             | 1.58                 | 10.70                 | H                  |
|                           | 2496              | -60.77       | -13           | -47.77            | -69.02             | 2.102                | 12.50                 | H                  |
|                           | 3328              | -60.16       | -13           | -47.16            | -69.05             | 2.856                | 13.90                 | H                  |
|                           | 1664              | -61.42       | -13           | -48.42            | -68.39             | 1.58                 | 10.70                 | V                  |
|                           | 2496              | -55.98       | -13           | -42.98            | -64.23             | 2.10                 | 12.50                 | V                  |
|                           | 3328              | -60.17       | -13           | -47.17            | -69.06             | 2.86                 | 13.90                 | V                  |
| Highest                   | 1680              | -59.82       | -13           | -46.82            | -66.79             | 1.58                 | 10.70                 | H                  |
|                           | 2520              | -53.23       | -13           | -40.23            | -61.48             | 2.102                | 12.50                 | H                  |
|                           | 3360              | -61.11       | -13           | -48.11            | -70.00             | 2.856                | 13.90                 | H                  |
|                           | 1680              | -57.47       | -13           | -44.47            | -64.44             | 1.58                 | 10.70                 | V                  |
|                           | 2520              | -55.02       | -13           | -42.02            | -63.27             | 2.10                 | 12.50                 | V                  |
|                           | 3360              | -61.42       | -13           | -48.42            | -70.31             | 2.86                 | 13.90                 | V                  |

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

| LTE Band 12 / 10MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 1400              | -64.14       | -13           | -51.14            | -71.11             | 1.58                 | 10.70                 | H                  |
|                            | 2096              | -60.71       | -13           | -47.71            | -68.96             | 2.102                | 12.50                 | H                  |
|                            | 2800              | -55.58       | -13           | -42.58            | -64.47             | 2.856                | 13.90                 | H                  |
|                            | 1400              | -59.67       | -13           | -46.67            | -66.64             | 1.58                 | 10.70                 | V                  |
|                            | 2096              | -57.65       | -13           | -44.65            | -65.90             | 2.10                 | 12.50                 | V                  |
|                            | 2800              | -53.19       | -13           | -40.19            | -62.08             | 2.86                 | 13.90                 | V                  |
| Middle                     | 1408              | -65.74       | -13           | -52.74            | -72.71             | 1.58                 | 10.70                 | H                  |
|                            | 2112              | -61.01       | -13           | -48.01            | -69.26             | 2.102                | 12.50                 | H                  |
|                            | 2816              | -57.76       | -13           | -44.76            | -66.65             | 2.856                | 13.90                 | H                  |
|                            | 1408              | -65.33       | -13           | -52.33            | -72.30             | 1.58                 | 10.70                 | V                  |
|                            | 2112              | -58.78       | -13           | -45.78            | -67.03             | 2.10                 | 12.50                 | V                  |
|                            | 2816              | -56.55       | -13           | -43.55            | -65.44             | 2.86                 | 13.90                 | V                  |
| Highest                    | 1416              | -64.59       | -13           | -51.59            | -71.56             | 1.58                 | 10.70                 | H                  |
|                            | 2120              | -59.76       | -13           | -46.76            | -68.01             | 2.102                | 12.50                 | H                  |
|                            | 2824              | -52.92       | -13           | -39.92            | -61.81             | 2.856                | 13.90                 | H                  |
|                            | 1416              | -60.11       | -13           | -47.11            | -67.08             | 1.58                 | 10.70                 | V                  |
|                            | 2120              | -56.63       | -13           | -43.63            | -64.88             | 2.10                 | 12.50                 | V                  |
|                            | 2824              | -50.03       | -13           | -37.03            | -58.92             | 2.86                 | 13.90                 | V                  |

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





| LTE Band 13 / 5MHz / QPSK |                      |                 |                  |                         |                          |                            |                              |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|------------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi) | Polarization<br>(H/V) |
| Lowest                    | 1552                 | -65.01          | -13              | -52.01                  | -67.64                   | 1.09                       | 5.87                         | H                     |
|                           | 2336                 | -59.80          | -13              | -46.80                  | -62.20                   | 1.37                       | 5.92                         | H                     |
|                           | 3112                 | -58.34          | -13              | -45.34                  | -62.23                   | 1.64                       | 7.68                         | H                     |
|                           | 1552                 | -64.21          | -13              | -51.21                  | -66.84                   | 1.09                       | 5.87                         | V                     |
|                           | 2336                 | -56.86          | -13              | -43.86                  | -59.26                   | 1.37                       | 5.92                         | V                     |
|                           | 3112                 | -58.05          | -13              | -45.05                  | -61.94                   | 1.64                       | 7.68                         | V                     |
| Middle                    | 1560                 | -65.37          | -42.15           | -23.22                  | -68.00                   | 1.09                       | 5.87                         | H                     |
|                           | 2336                 | -59.81          | -13              | -46.81                  | -62.21                   | 1.37                       | 5.92                         | H                     |
|                           | 3120                 | -58.52          | -13              | -45.52                  | -62.41                   | 1.64                       | 7.68                         | H                     |
|                           | 1560                 | -64.06          | -42.15           | -21.91                  | -66.69                   | 1.09                       | 5.87                         | V                     |
|                           | 2336                 | -55.76          | -13              | -42.76                  | -58.16                   | 1.37                       | 5.92                         | V                     |
|                           | 3120                 | -58.17          | -13              | -45.17                  | -62.06                   | 1.64                       | 7.68                         | V                     |
| Highest                   | 1568                 | -64.55          | -42.15           | -22.40                  | -67.18                   | 1.09                       | 5.87                         | H                     |
|                           | 2344                 | -59.03          | -13              | -46.03                  | -61.43                   | 1.37                       | 5.92                         | H                     |
|                           | 3128                 | -58.26          | -13              | -45.26                  | -62.15                   | 1.64                       | 7.68                         | H                     |
|                           | 1568                 | -63.86          | -42.15           | -21.71                  | -66.49                   | 1.09                       | 5.87                         | V                     |
|                           | 2344                 | -55.00          | -13              | -42.00                  | -57.40                   | 1.37                       | 5.92                         | V                     |
|                           | 3128                 | -58.05          | -13              | -45.05                  | -61.94                   | 1.64                       | 7.68                         | V                     |

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

| LTE Band 13 / 10MHz / QPSK |                      |                 |                  |                         |                          |                            |                              |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|------------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>( dBi) | Polarization<br>(H/V) |
| Middle                     | 1552                 | -65.00          | -13              | -52.00                  | -67.63                   | 1.09                       | 5.87                         | H                     |
|                            | 2336                 | -59.89          | -13              | -46.89                  | -62.29                   | 1.37                       | 5.92                         | H                     |
|                            | 3112                 | -58.45          | -13              | -45.45                  | -62.34                   | 1.64                       | 7.68                         | H                     |
|                            | 1552                 | -64.07          | -13              | -51.07                  | -66.70                   | 1.09                       | 5.87                         | V                     |
|                            | 2336                 | -56.08          | -13              | -43.08                  | -58.48                   | 1.37                       | 5.92                         | V                     |
|                            | 3112                 | -57.78          | -13              | -44.78                  | -61.67                   | 1.64                       | 7.68                         | V                     |

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



| LTE Band 66 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 3420              | -56.87       | -13           | -43.87            | -67.61             | 2.604                | 13.34                 | H                  |
|                            | 5130              | -54.05       | -13           | -41.05            | -64.56             | 3.011                | 13.52                 | H                  |
|                            | 6840              | -55.61       | -13           | -42.61            | -65.81             | 3.271                | 13.47                 | H                  |
|                            | 3420              | -58.52       | -13           | -45.52            | -69.26             | 2.604                | 13.34                 | V                  |
|                            | 5130              | -54.91       | -13           | -41.91            | -65.42             | 3.011                | 13.52                 | V                  |
|                            | 6840              | -55.28       | -13           | -42.28            | -65.48             | 3.271                | 13.47                 | V                  |
| Middle                     | 3465              | -58.23       | -13           | -45.23            | -68.97             | 2.604                | 13.34                 | H                  |
|                            | 5205              | -54.76       | -13           | -41.76            | -65.27             | 3.011                | 13.52                 | H                  |
|                            | 6945              | -52.63       | -13           | -39.63            | -62.83             | 3.271                | 13.47                 | H                  |
|                            | 3465              | -58.25       | -13           | -45.25            | -68.99             | 2.604                | 13.34                 | V                  |
|                            | 5205              | -56.31       | -13           | -43.31            | -66.82             | 3.011                | 13.52                 | V                  |
|                            | 6945              | -51.57       | -13           | -38.57            | -61.77             | 3.271                | 13.47                 | V                  |
| Highest                    | 3525              | -57.15       | -13           | -44.15            | -67.89             | 2.604                | 13.34                 | H                  |
|                            | 5280              | -55.92       | -13           | -42.92            | -66.43             | 3.011                | 13.52                 | H                  |
|                            | 7050              | -49.37       | -13           | -36.37            | -59.57             | 3.271                | 13.47                 | H                  |
|                            | 3525              | -57.73       | -13           | -44.73            | -68.47             | 2.604                | 13.34                 | V                  |
|                            | 5280              | -55.35       | -13           | -42.35            | -65.86             | 3.011                | 13.52                 | V                  |
|                            | 7050              | -50.55       | -13           | -37.55            | -60.75             | 3.271                | 13.47                 | V                  |

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

| LTE Band 71 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 1328              | -68.03       | -13           | -55.03            | -69.78             | 1.02                 | 4.92                  | H                  |
|                            | 1992              | -63.51       | -13           | -50.51            | -65.48             | 1.27                 | 5.39                  | H                  |
|                            | 2656              | -61.71       | -13           | -48.71            | -64.64             | 1.49                 | 6.57                  | H                  |
|                            | 1328              | -63.94       | -13           | -50.94            | -65.69             | 1.02                 | 4.92                  | V                  |
|                            | 1992              | -62.64       | -13           | -49.64            | -64.61             | 1.27                 | 5.39                  | V                  |
|                            | 2656              | -60.94       | -13           | -47.94            | -63.87             | 1.49                 | 6.57                  | V                  |
| Middle                     | 1352              | -68.66       | -13           | -55.66            | -70.41             | 1.02                 | 4.92                  | H                  |
|                            | 2024              | -63.42       | -13           | -50.42            | -65.39             | 1.27                 | 5.39                  | H                  |
|                            | 2696              | -61.95       | -13           | -48.95            | -64.88             | 1.49                 | 6.57                  | H                  |
|                            | 1352              | -63.51       | -13           | -50.51            | -65.26             | 1.02                 | 4.92                  | V                  |
|                            | 2024              | -62.42       | -13           | -49.42            | -64.39             | 1.27                 | 5.39                  | V                  |
|                            | 2696              | -61.31       | -13           | -48.31            | -64.24             | 1.49                 | 6.57                  | V                  |
| Highest                    | 1360              | -68.04       | -13           | -55.04            | -69.79             | 1.02                 | 4.92                  | H                  |
|                            | 2040              | -63.25       | -13           | -50.25            | -65.22             | 1.27                 | 5.39                  | H                  |
|                            | 2720              | -61.01       | -13           | -48.01            | -63.94             | 1.49                 | 6.57                  | H                  |
|                            | 1360              | -65.12       | -13           | -52.12            | -66.87             | 1.02                 | 4.92                  | V                  |
|                            | 2040              | -62.54       | -13           | -49.54            | -64.51             | 1.27                 | 5.39                  | V                  |
|                            | 2720              | -60.33       | -13           | -47.33            | -63.26             | 1.49                 | 6.57                  | V                  |

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