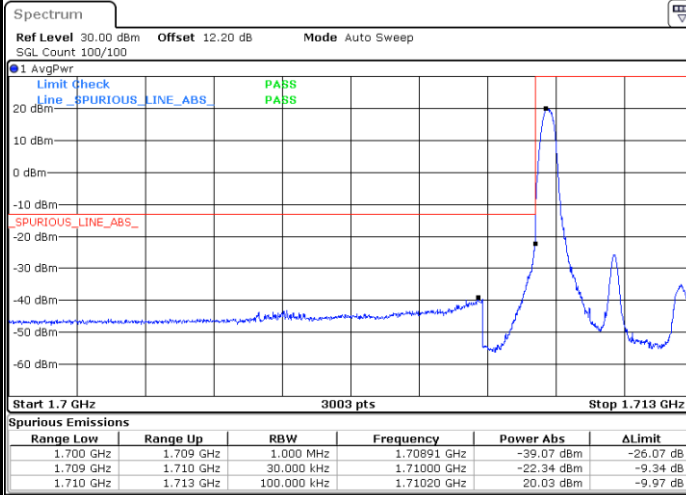


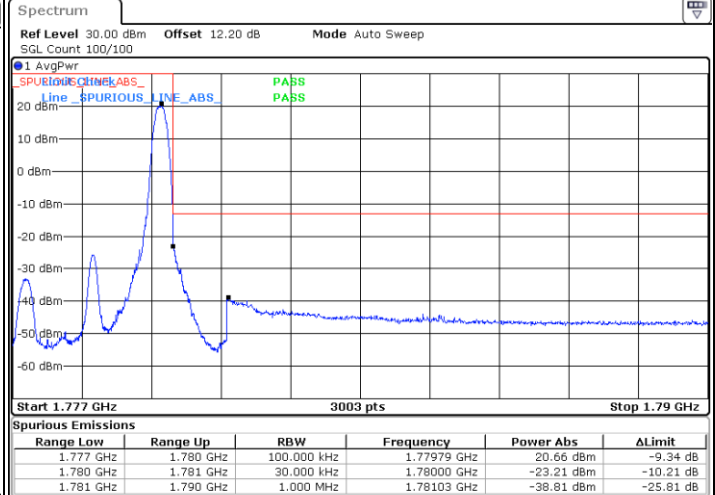


## LTE Band 66 / 3MHz / 64QAM

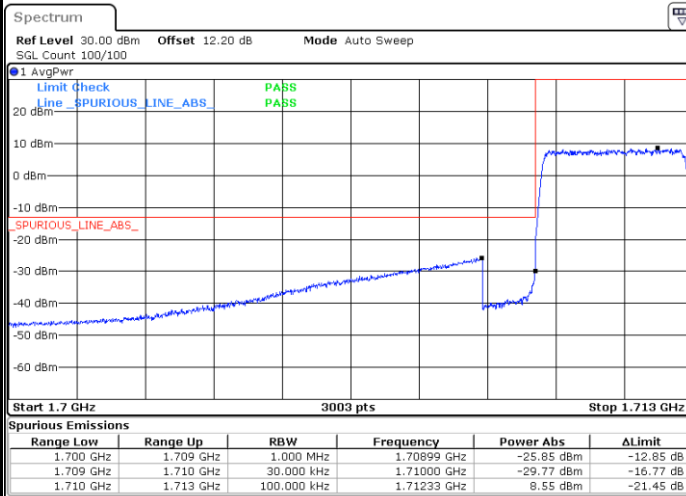
## Lowest Band Edge / 1 RB



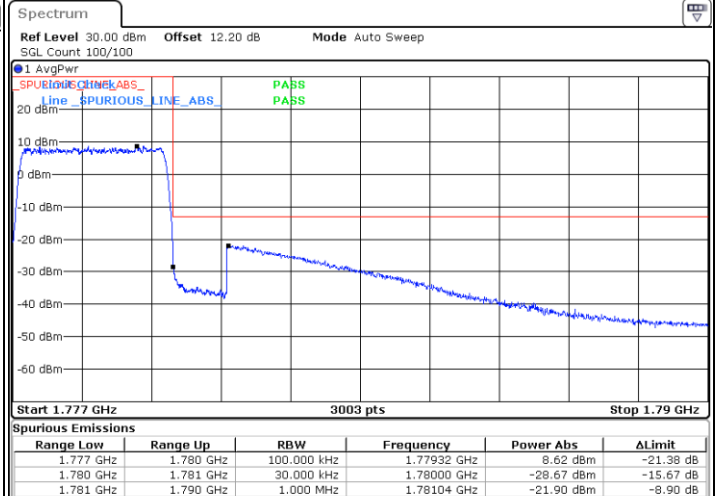
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



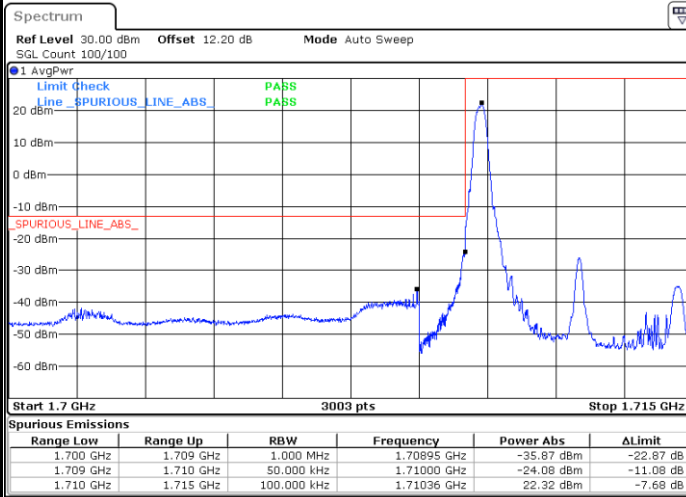
## Highest Band Edge / Full RB



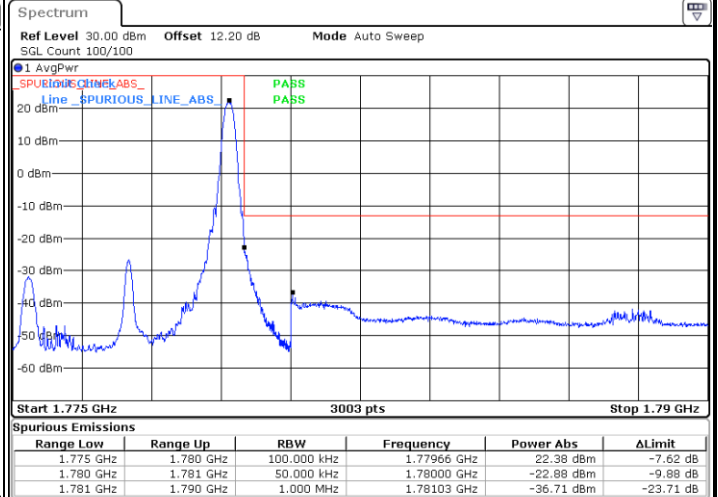


## LTE Band 66 / 5MHz / QPSK

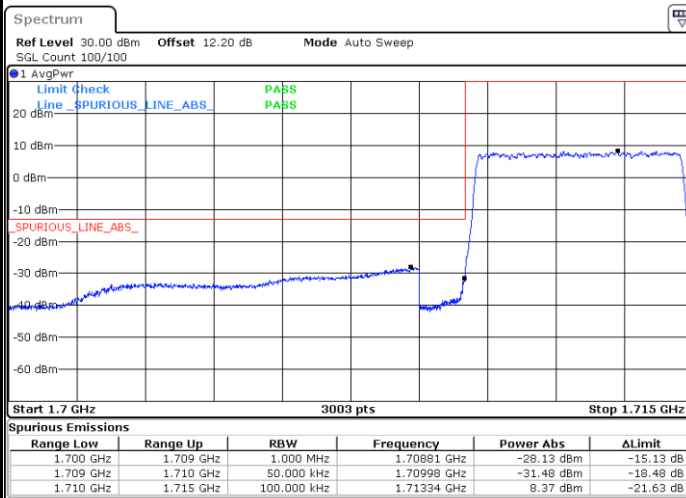
## Lowest Band Edge / 1 RB



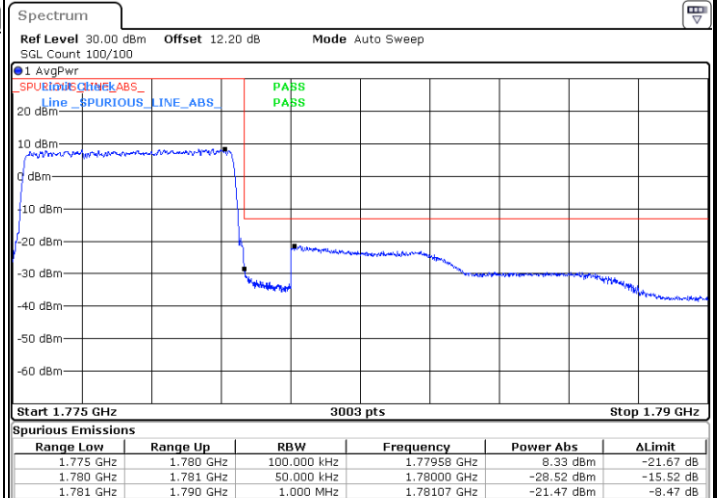
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



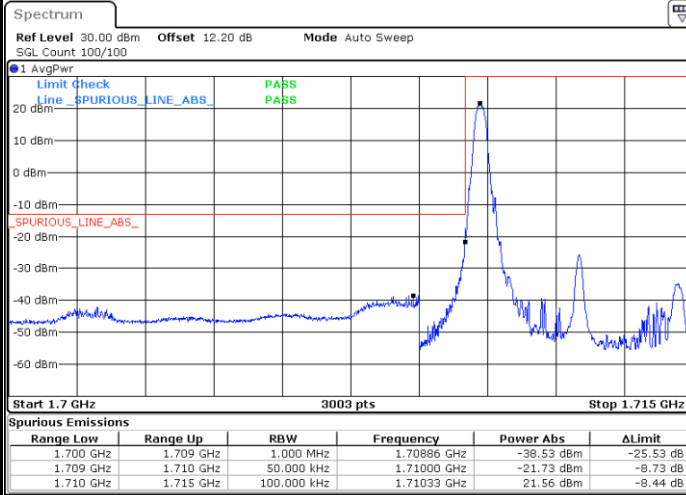
## Highest Band Edge / Full RB



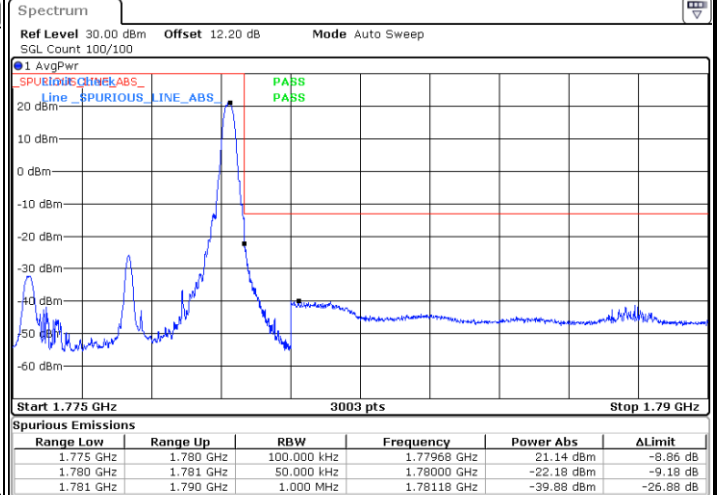


## LTE Band 66 / 5MHz / 16QAM

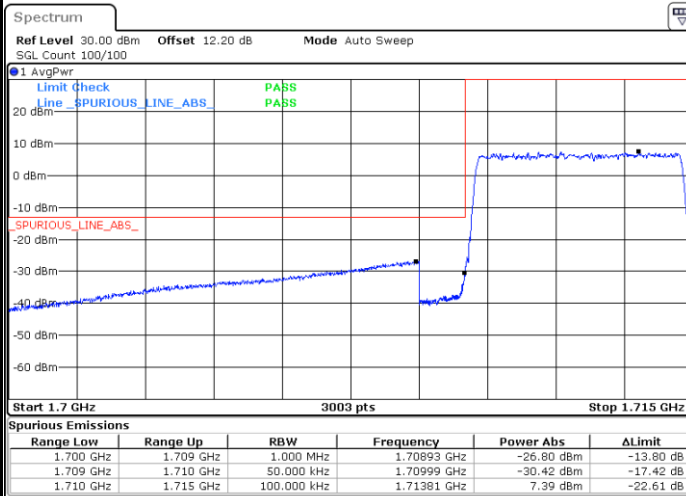
## Lowest Band Edge / 1RB



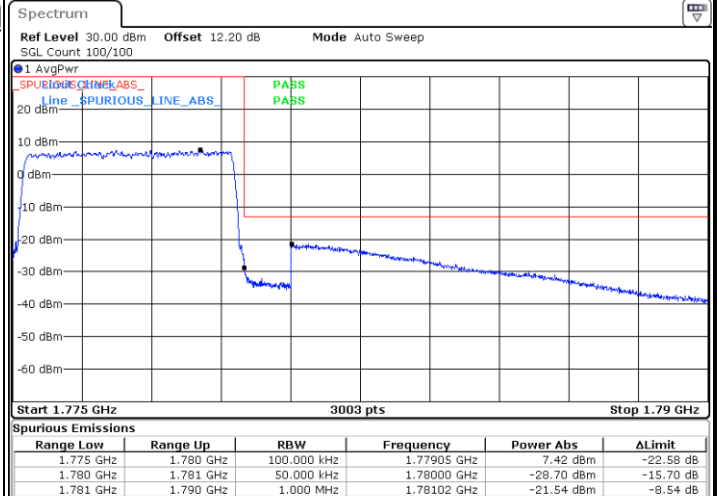
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



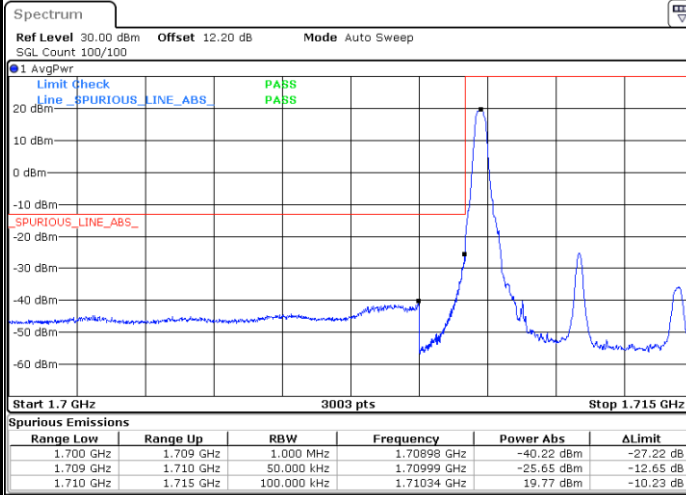
## Highest Band Edge / Full RB



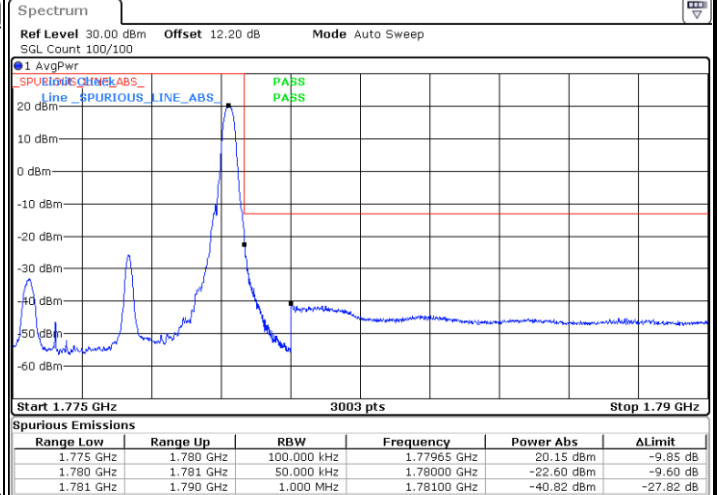


## LTE Band 66 / 5MHz / 64QAM

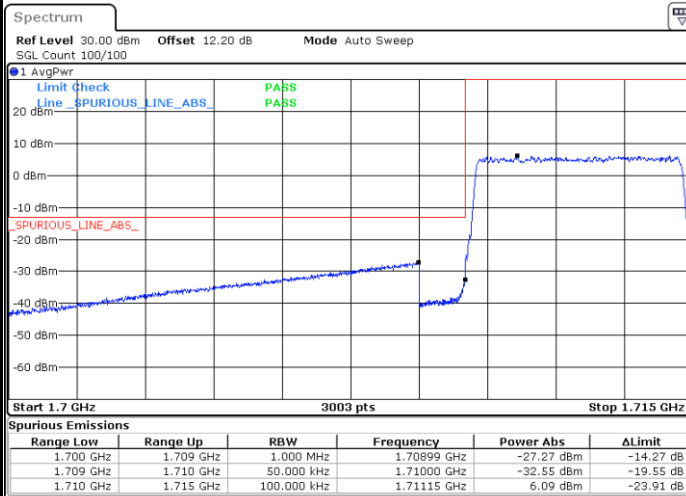
## Lowest Band Edge / 1RB



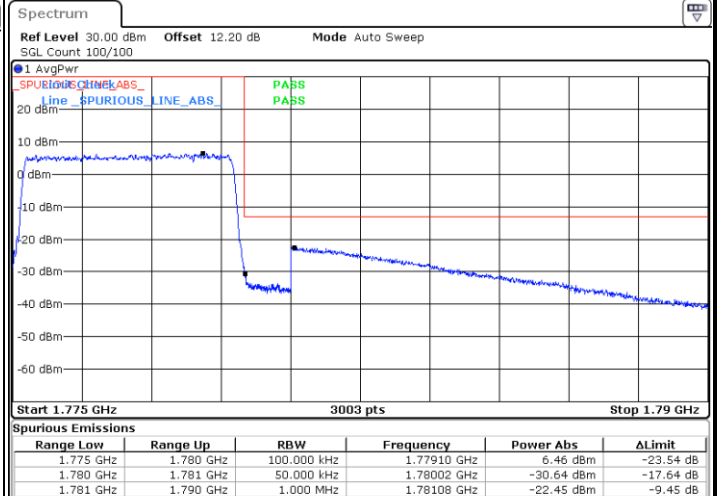
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



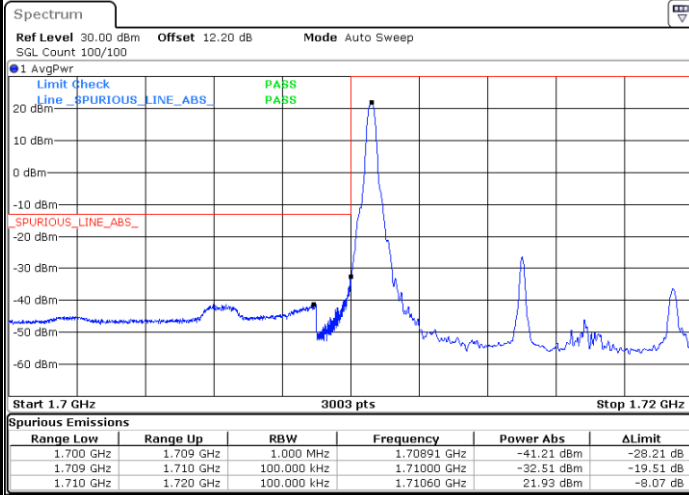
## Highest Band Edge / Full RB



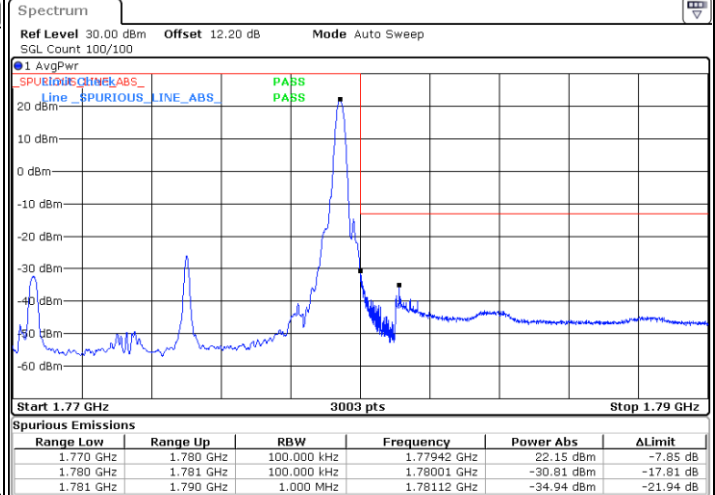


## LTE Band 66 / 10MHz / QPSK

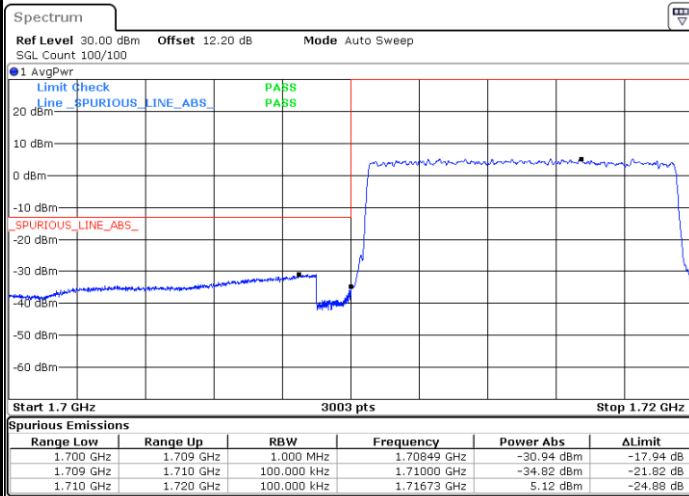
## Lowest Band Edge / 1 RB



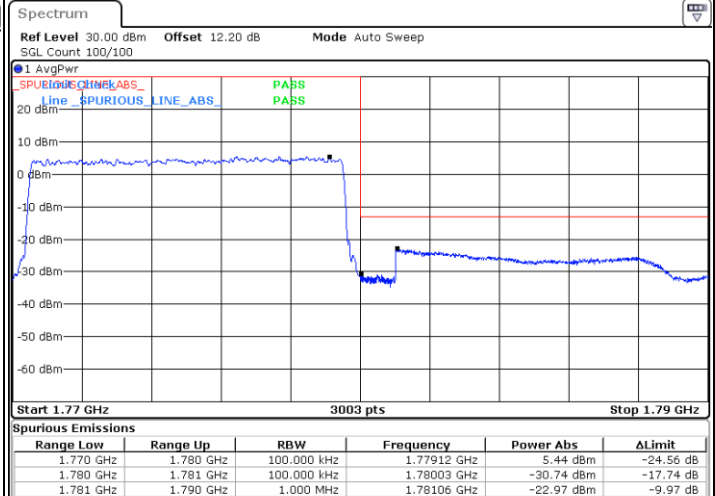
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



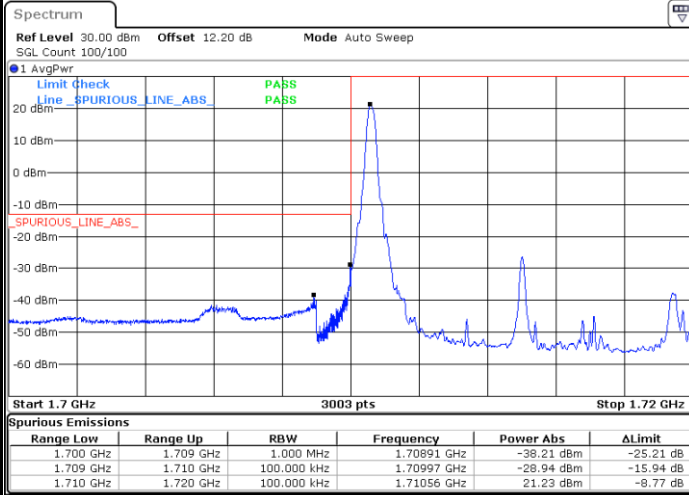
## Highest Band Edge / Full RB



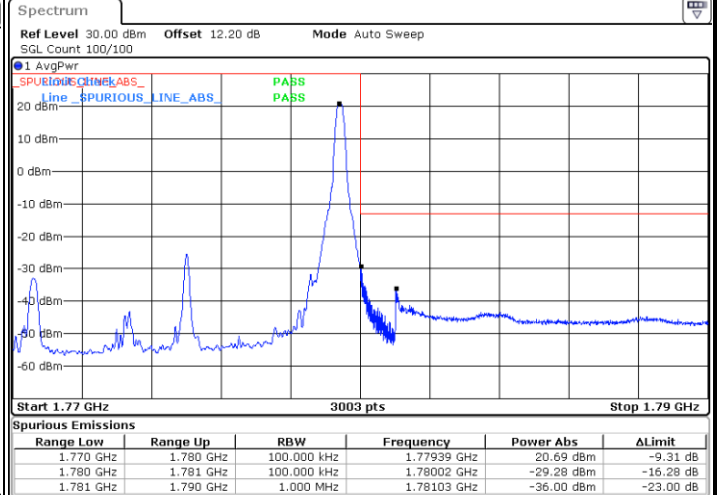


## LTE Band 66 / 10MHz / 16QAM

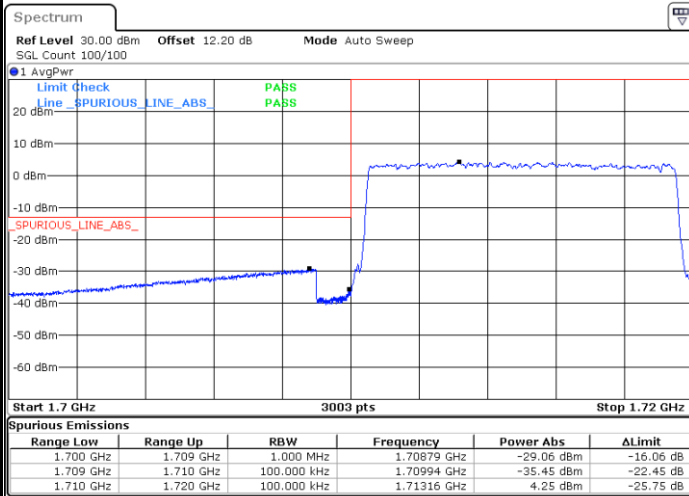
## Lowest Band Edge / 1 RB



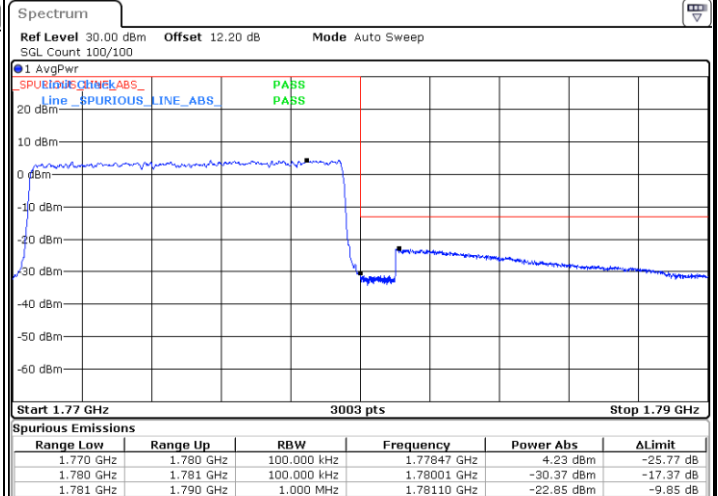
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



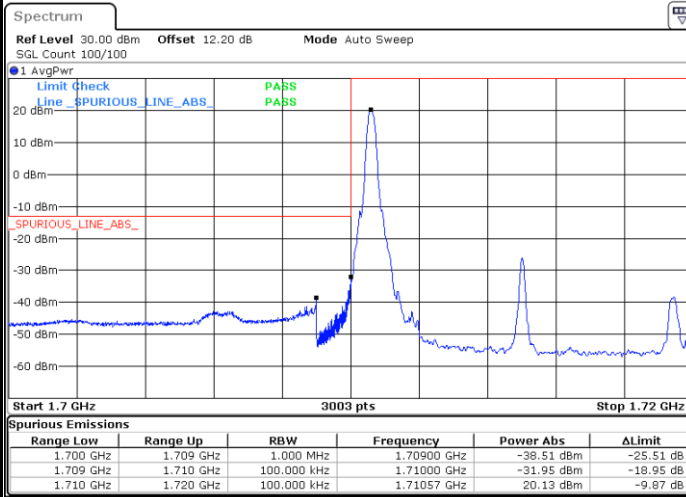
## Highest Band Edge / Full RB



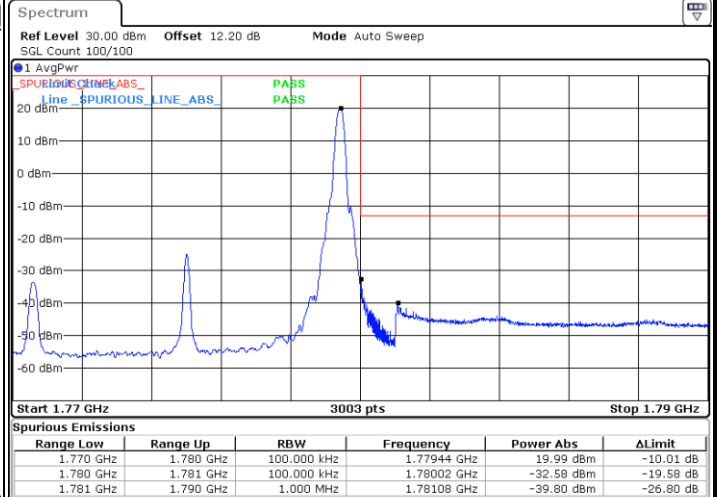


## LTE Band 66 / 10MHz / 64QAM

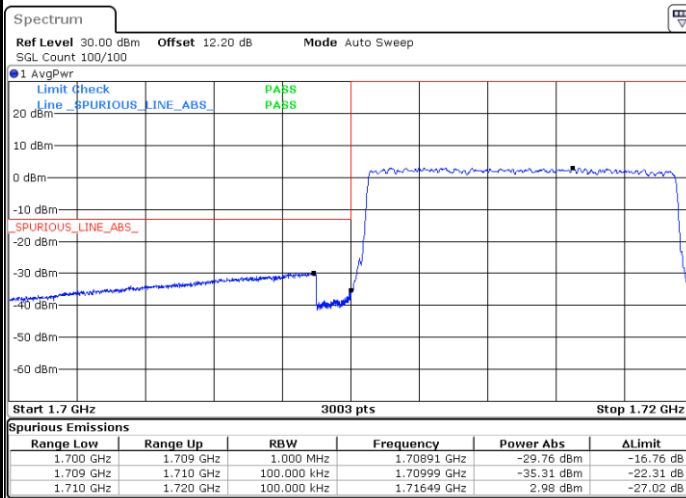
## Lowest Band Edge / 1 RB



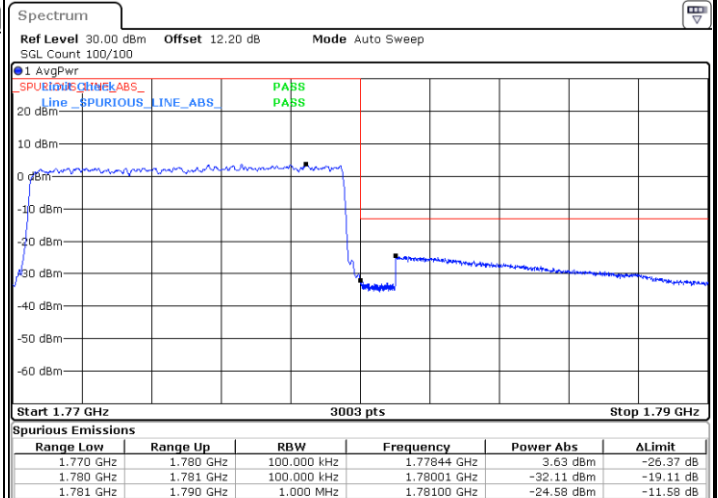
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



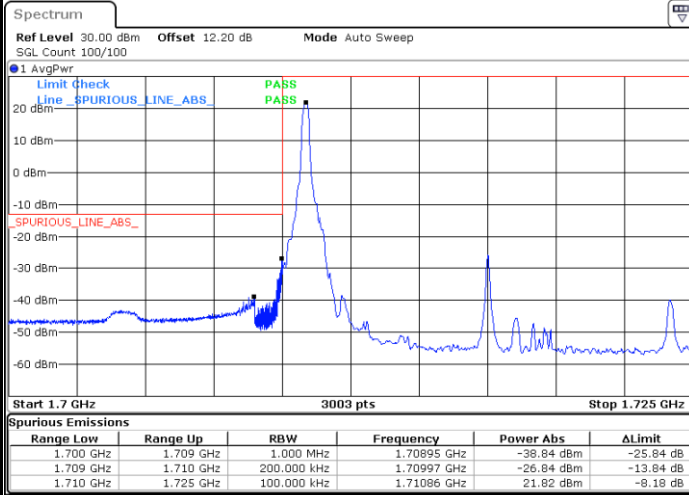
## Highest Band Edge / Full RB



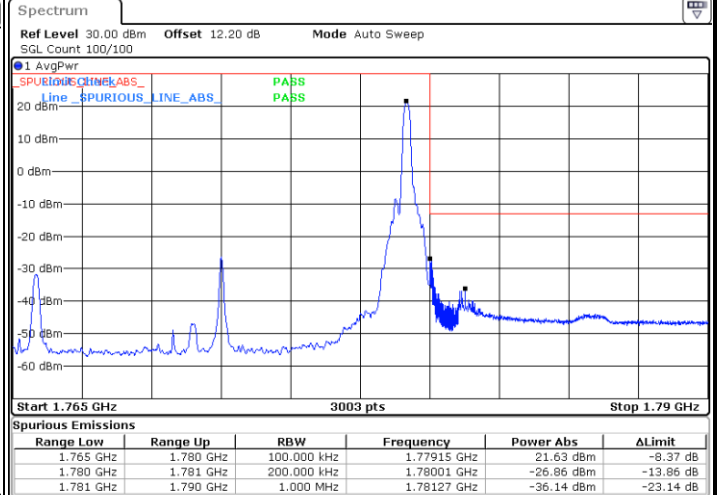


## LTE Band 66 / 15MHz / QPSK

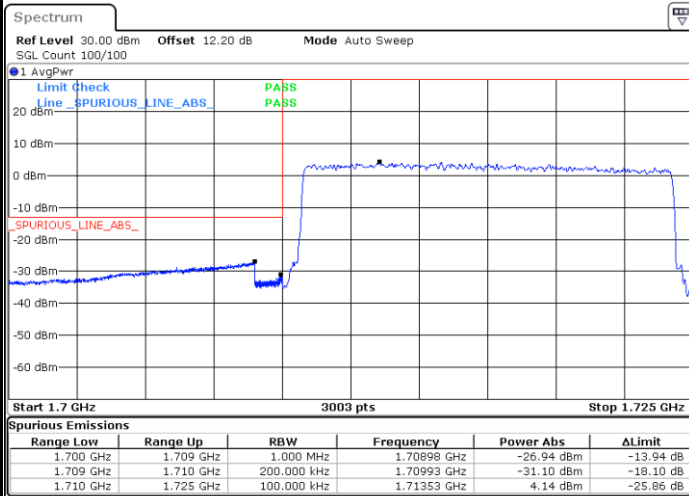
## Lowest Band Edge / 1 RB



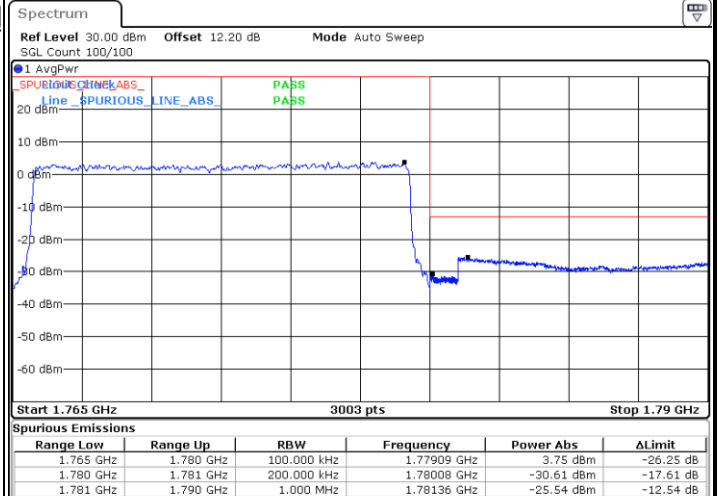
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



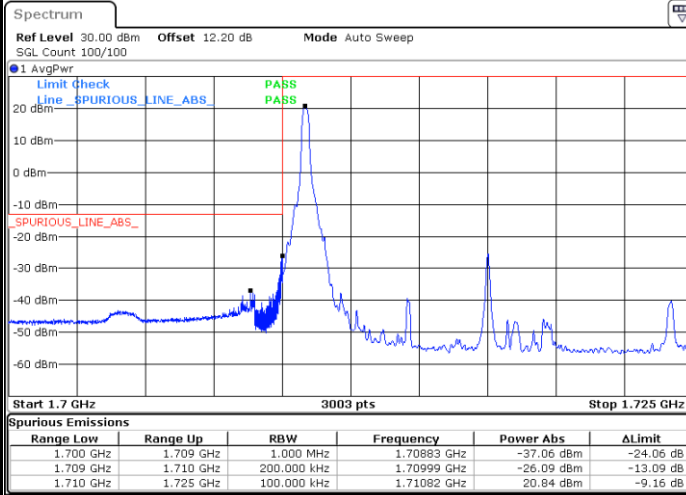
## Highest Band Edge / Full RB



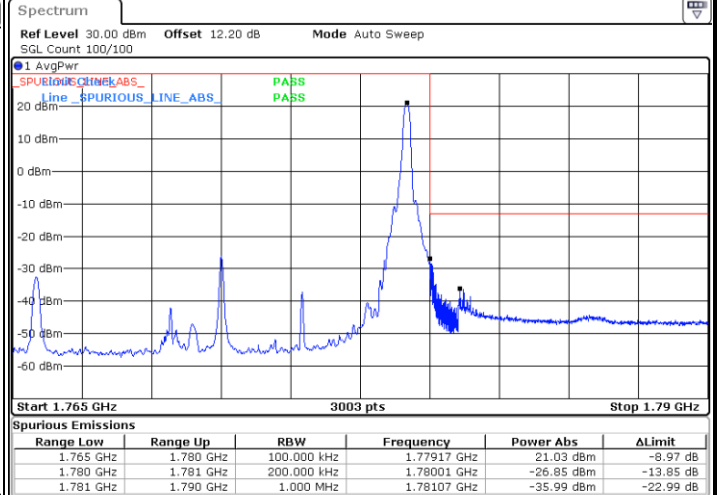


## LTE Band 66 / 15MHz / 16QAM

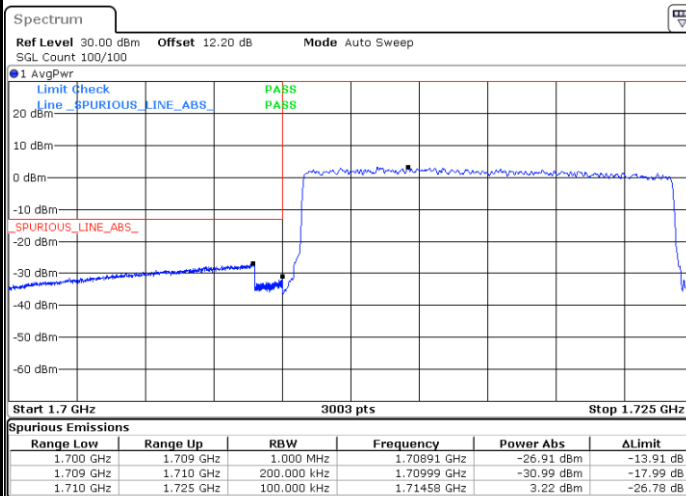
## Lowest Band Edge / 1 RB



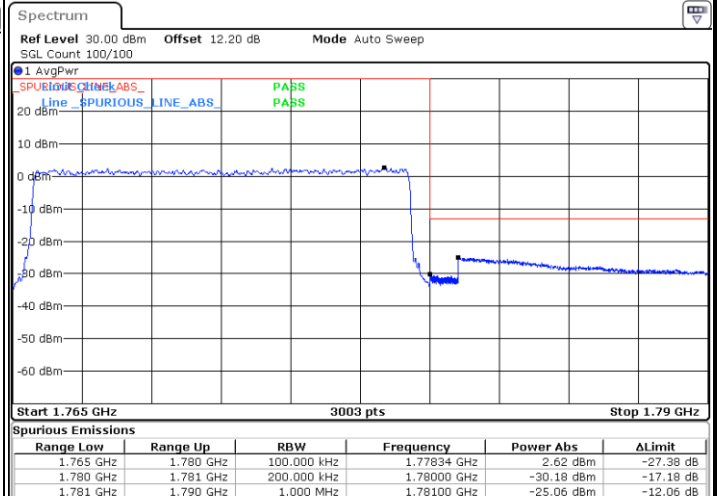
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



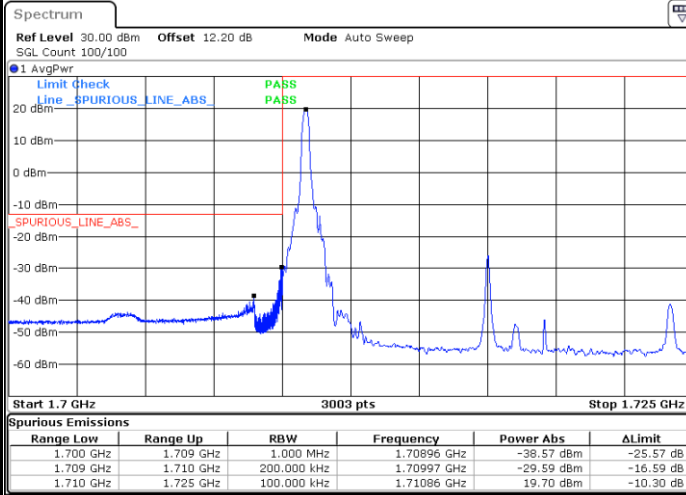
## Highest Band Edge / Full RB



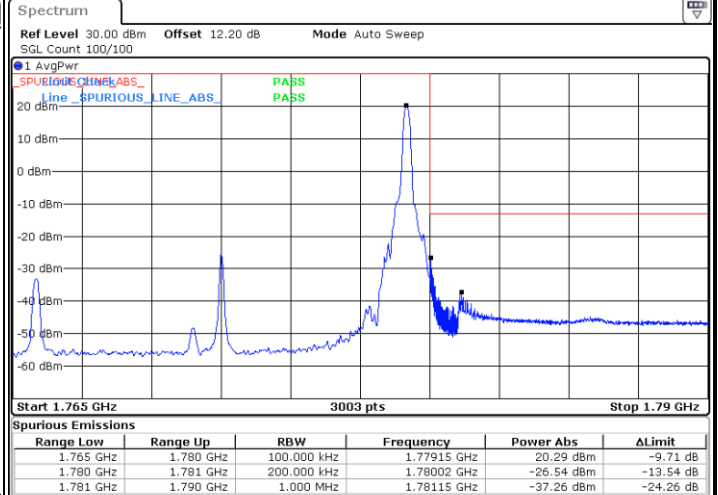


## LTE Band 66 / 15MHz / 64QAM

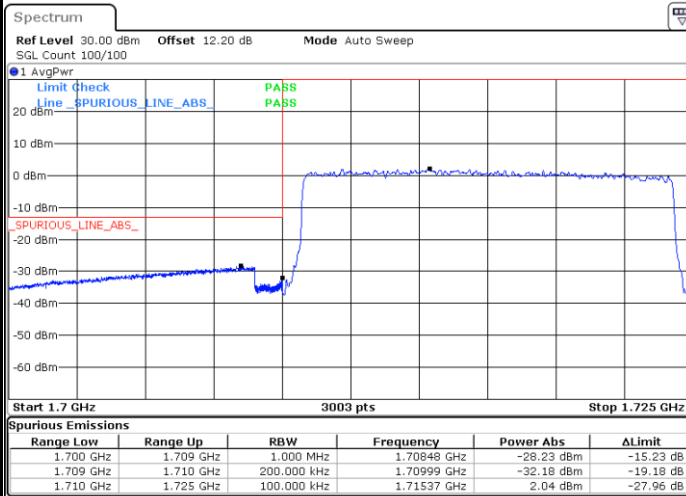
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



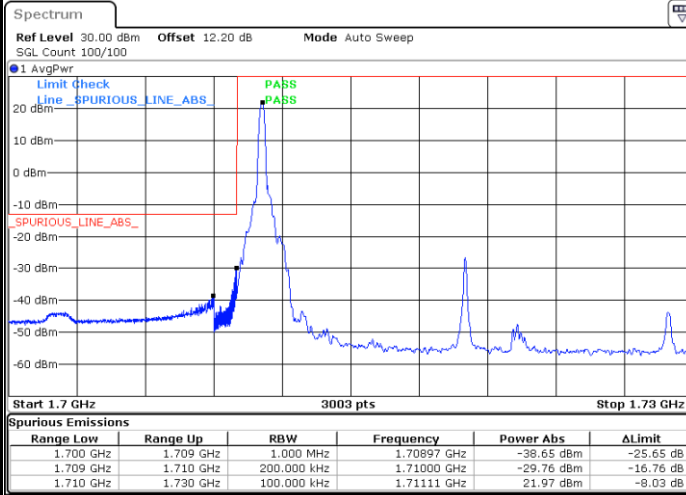
## Highest Band Edge / Full RB



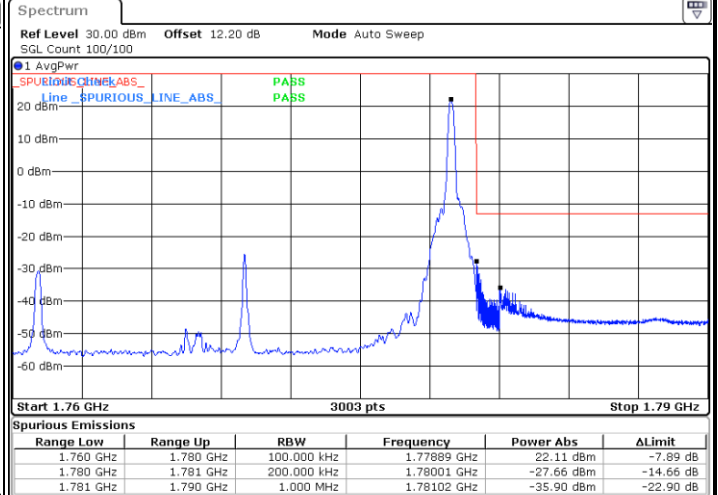


## LTE Band 66 / 20MHz / QPSK

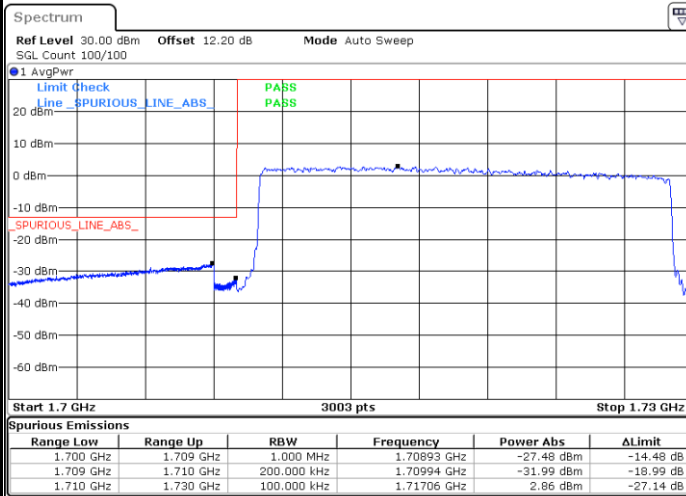
## Lowest Band Edge / 1 RB



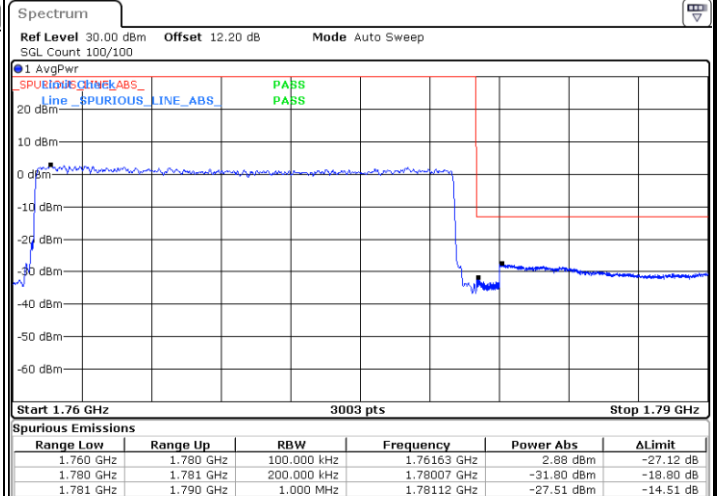
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



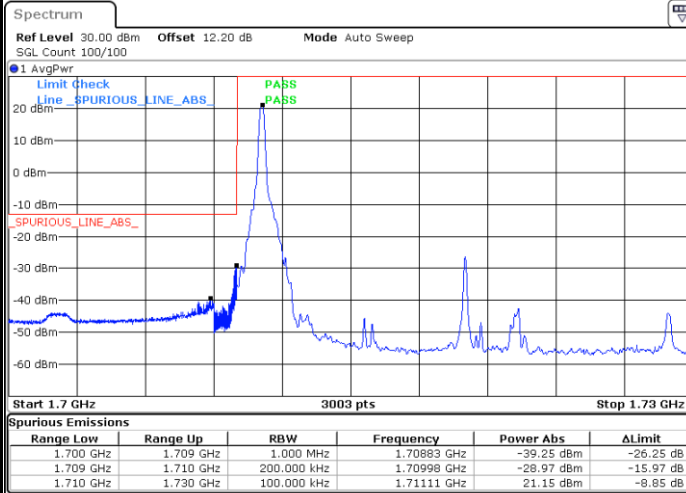
## Highest Band Edge / Full RB



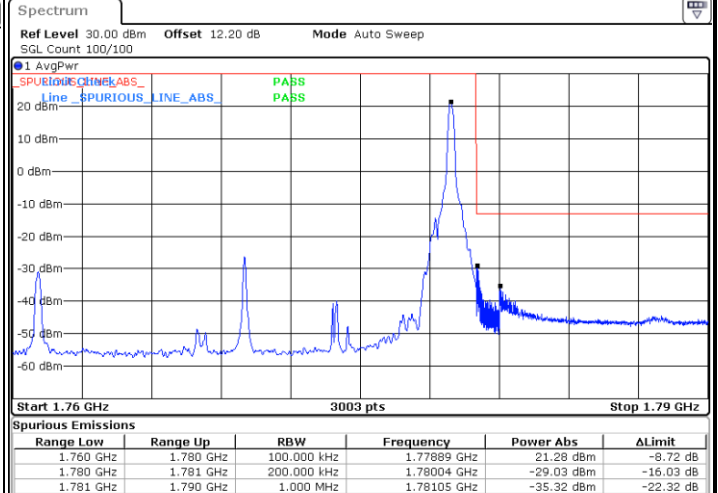


## LTE Band 66 / 20MHz / 16QAM

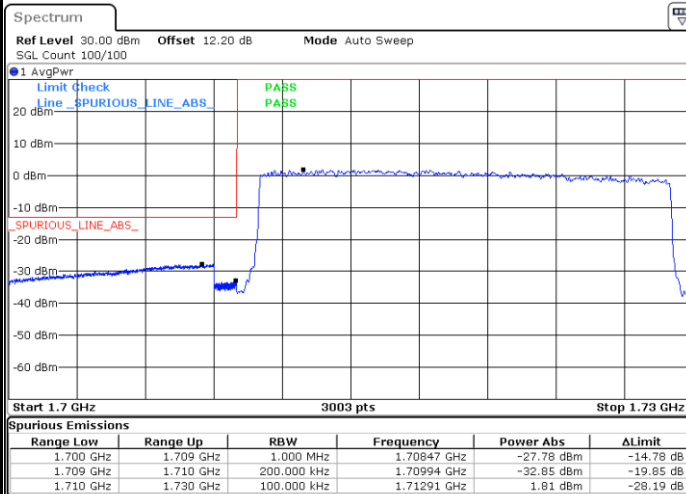
## Lowest Band Edge / 1 RB



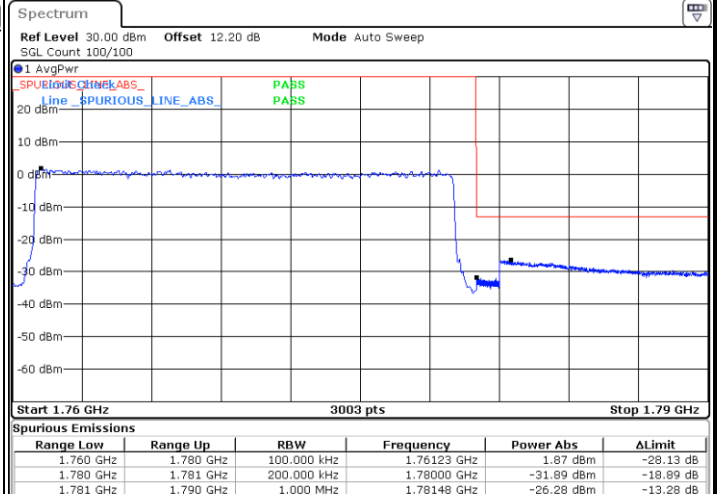
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



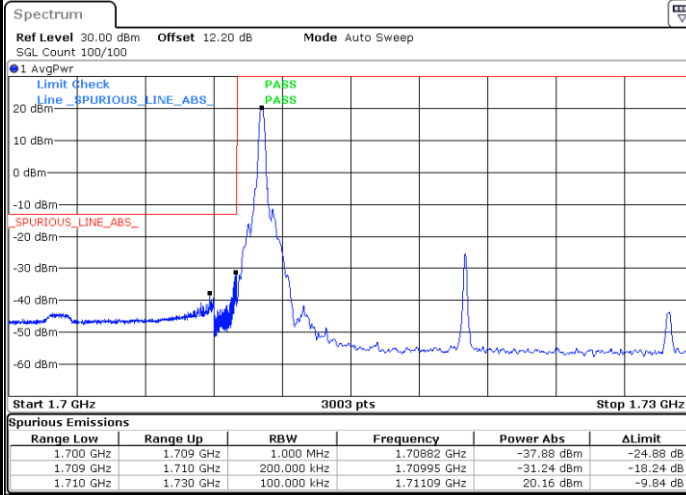
## Highest Band Edge / Full RB



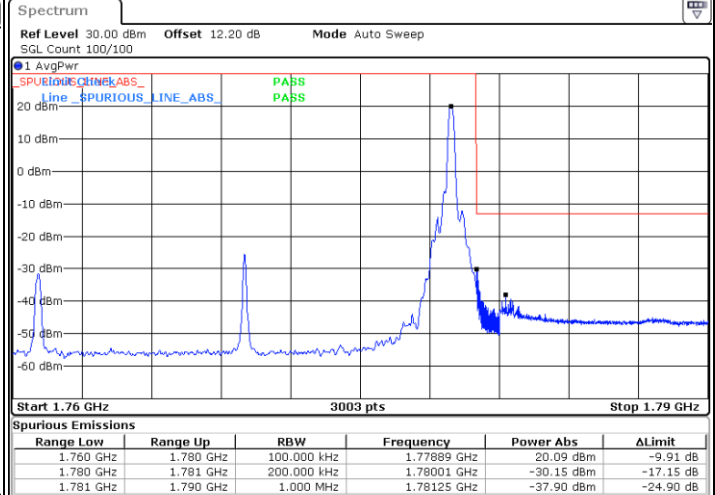


## LTE Band 66 / 20MHz / 64QAM

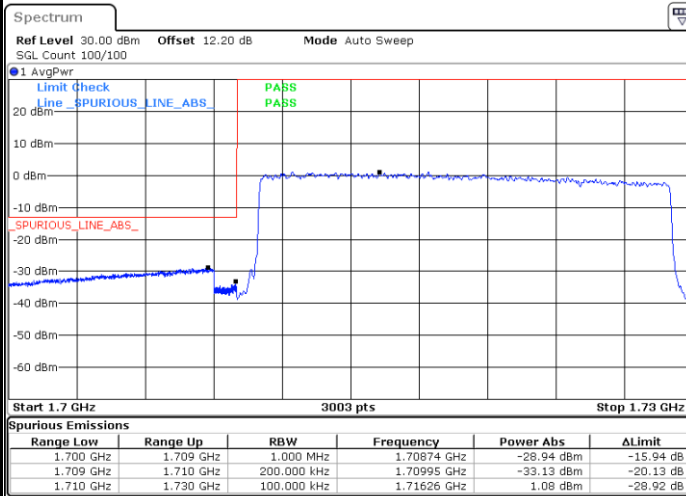
## Lowest Band Edge / 1 RB



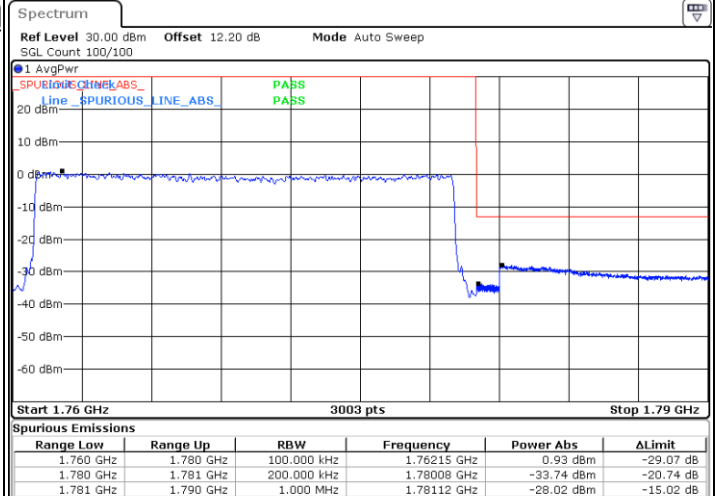
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

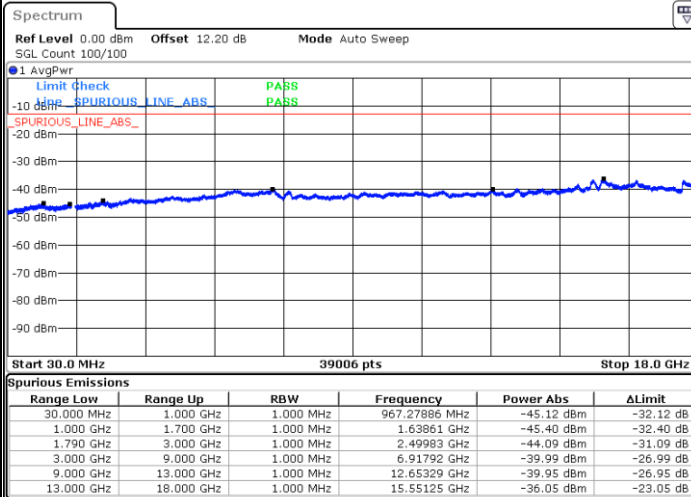




# Conducted Spurious Emission

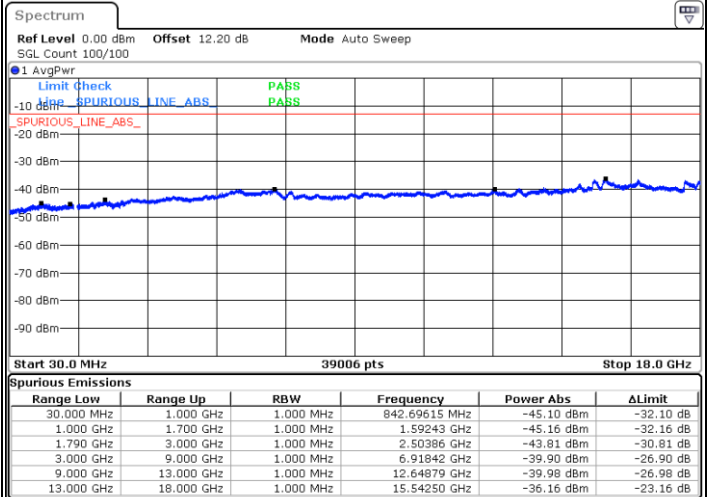
## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK



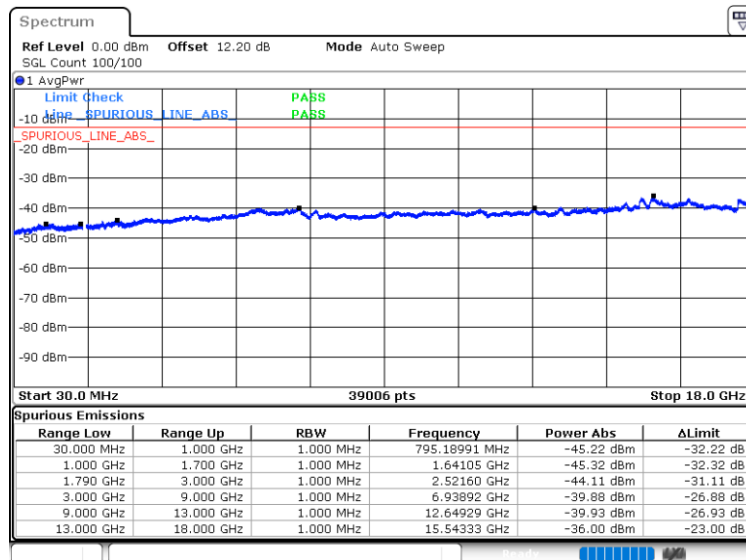
Date: 5.MAY.2022 21:40:32

### Middle Channel / QPSK



Date: 5.MAY.2022 21:43:40

### Highest Channel / QPSK

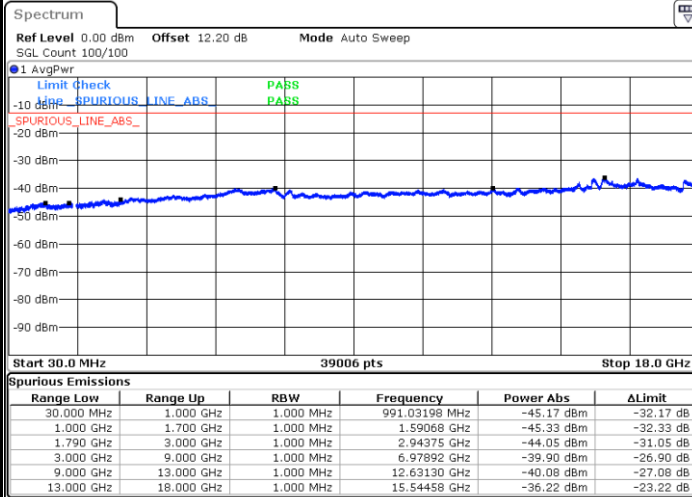


Date: 5.MAY.2022 21:48:44



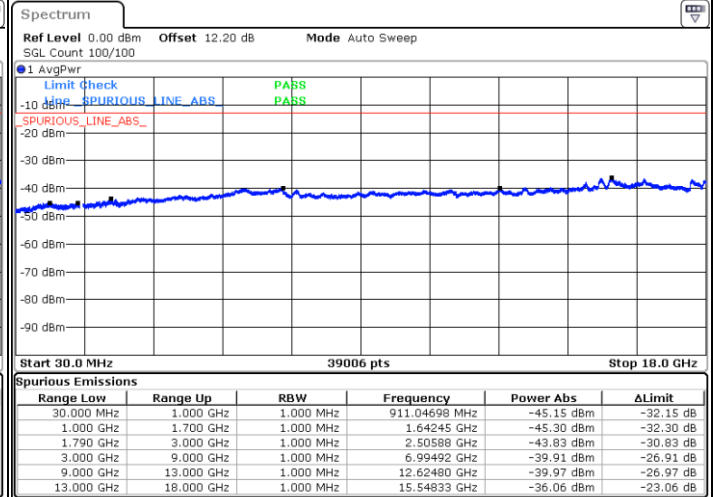
## LTE Band 66 / 3MHz

## Lowest Channel / QPSK



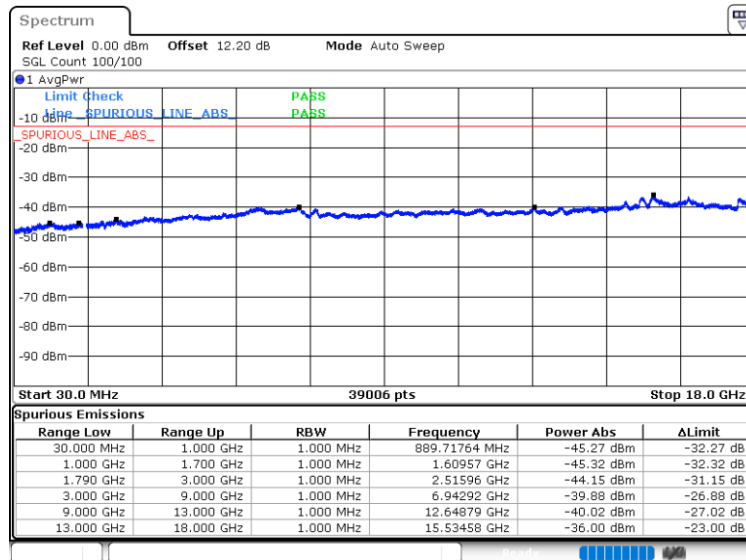
Date: 5.MAY.2022 21:58:33

## Middle Channel / QPSK



Date: 5.MAY.2022 22:01:40

## Highest Channel / QPSK

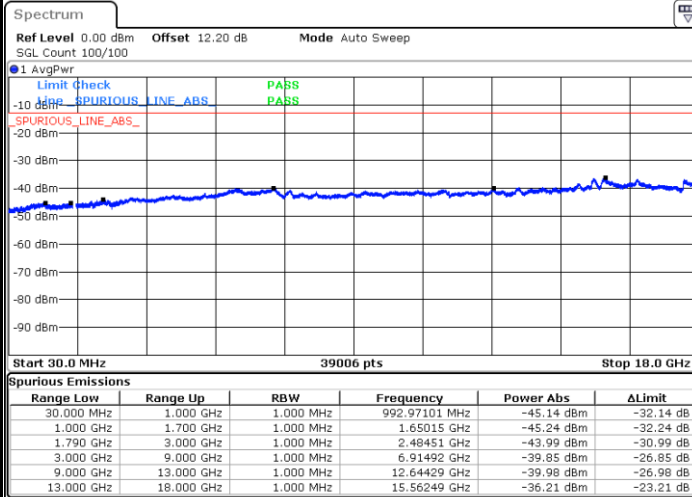


Date: 5.MAY.2022 22:06:44



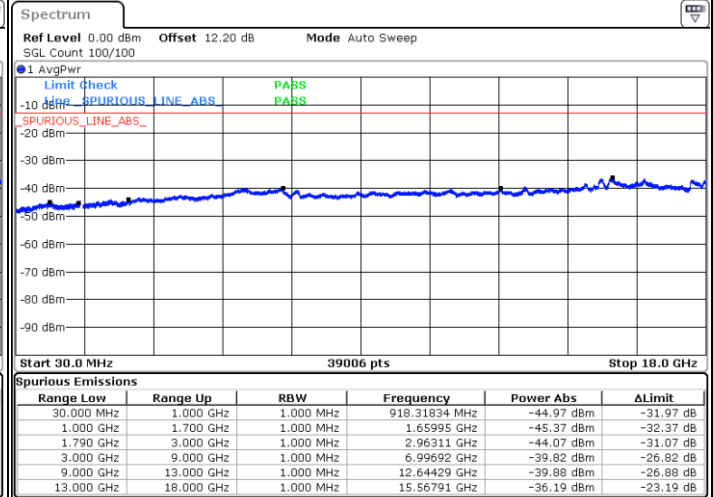
## LTE Band 66 / 5MHz

## Lowest Channel / QPSK



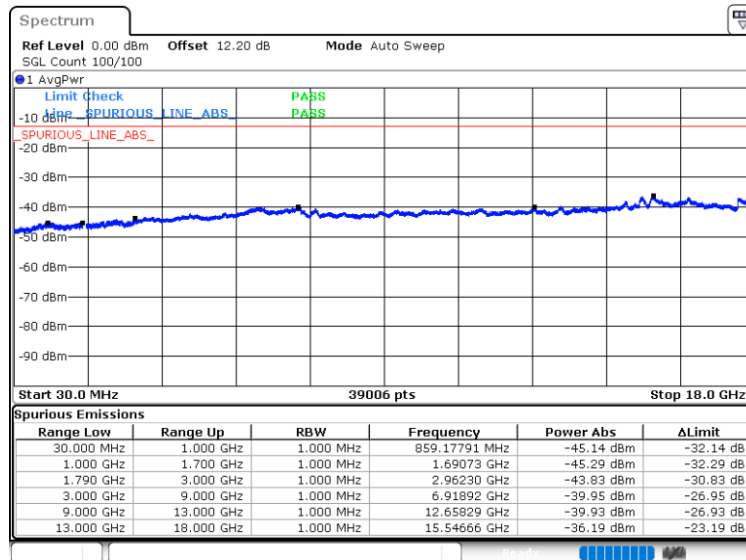
Date: 5.MAY.2022 22:21:11

## Middle Channel / QPSK



Date: 5.MAY.2022 22:24:18

## Highest Channel / QPSK

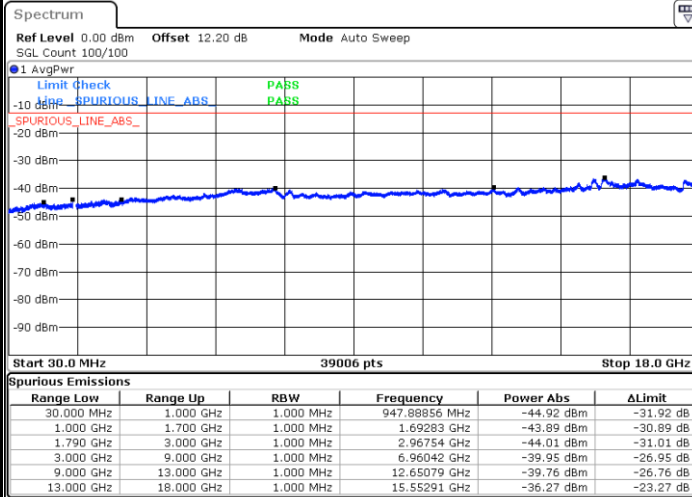


Date: 5.MAY.2022 22:29:23



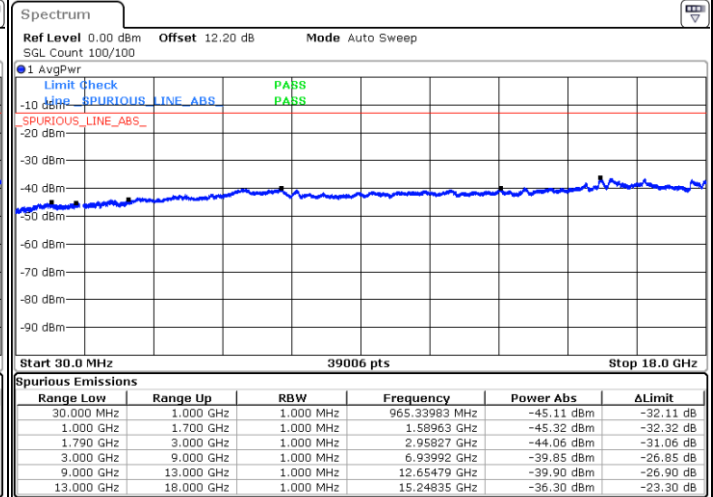
## LTE Band 66 / 10MHz

## Lowest Channel / QPSK



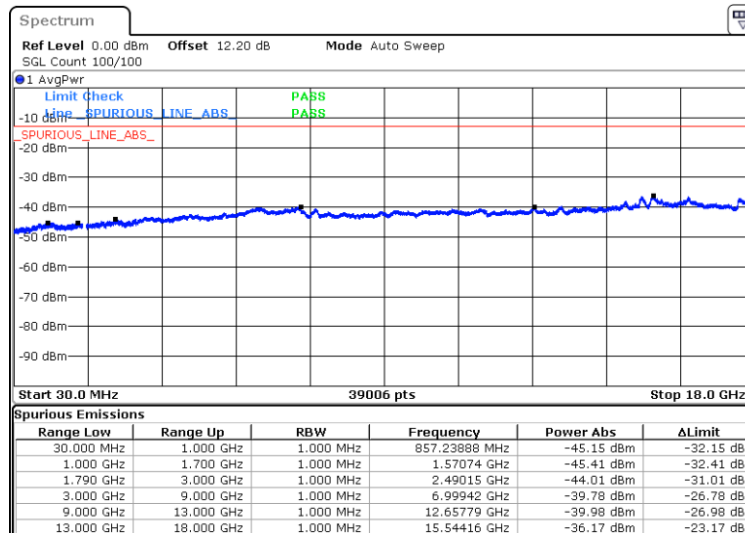
Date: 5.MAY.2022 22:35:03

## Middle Channel / QPSK



Date: 5.MAY.2022 22:38:09

## Highest Channel / QPSK

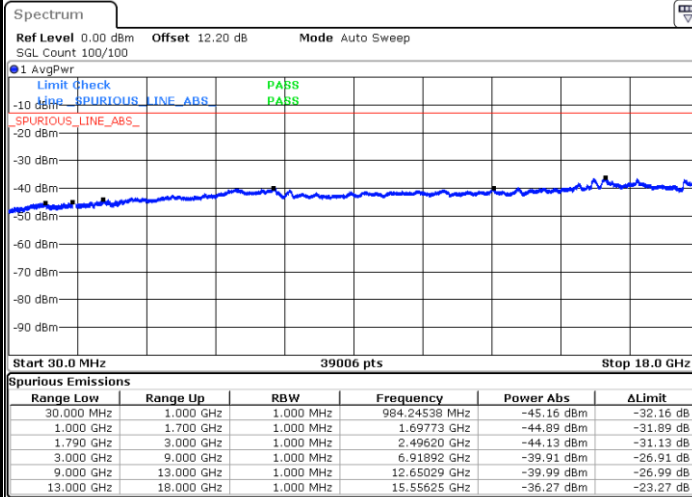


Date: 5.MAY.2022 22:43:15



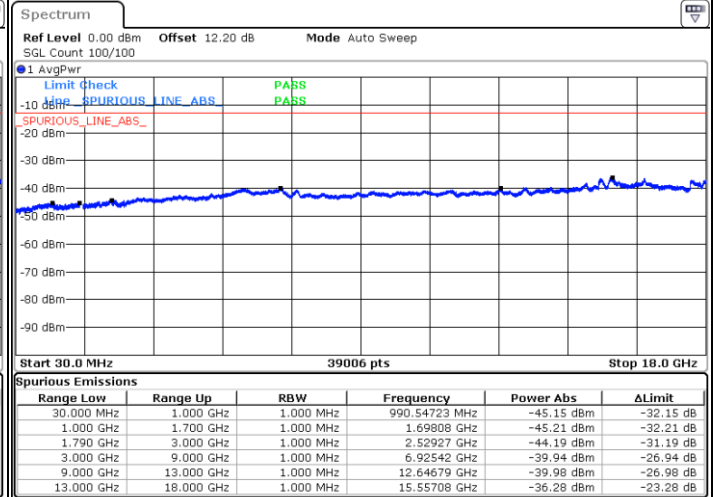
## LTE Band 66 / 15MHz

## Lowest Channel / QPSK



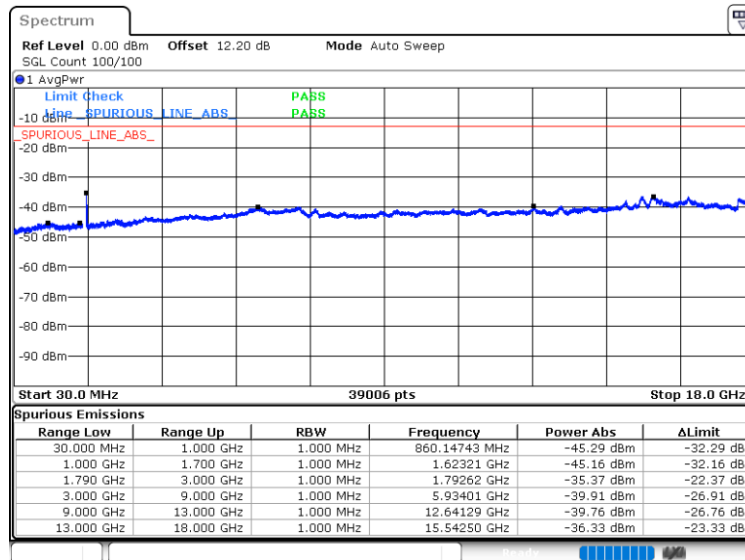
Date: 5.MAY.2022 22:57:47

## Middle Channel / QPSK



Date: 5.MAY.2022 23:00:54

## Highest Channel / QPSK

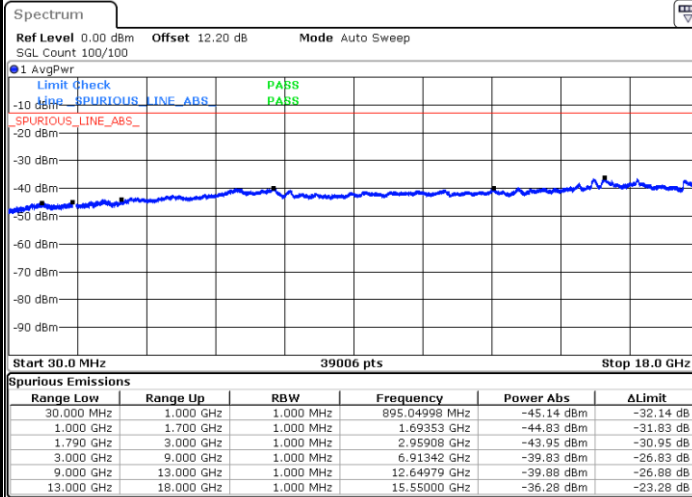


Date: 5.MAY.2022 23:05:59



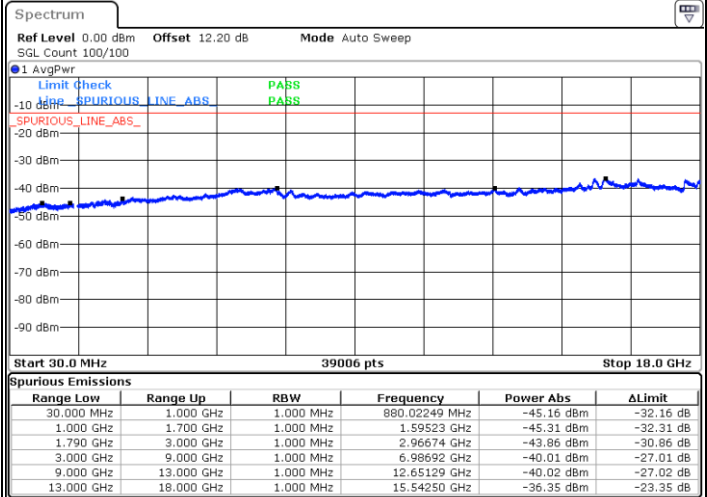
## LTE Band 66 / 20MHz

## Lowest Channel / QPSK



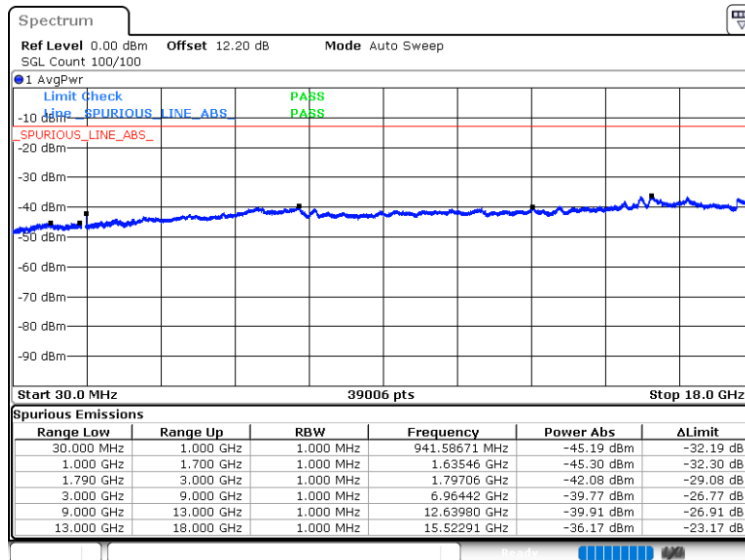
Date: 5.MAY.2022 23:11:37

## Middle Channel / QPSK



Date: 5.MAY.2022 23:14:44

## Highest Channel / QPSK



Date: 5.MAY.2022 23:19:49

## Frequency Stability

| Test Conditions     |                   | LTE Band 66 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0040                              | PASS    |
| 40                  | Normal Voltage    | 0.0056                              |         |
| 30                  | Normal Voltage    | 0.0003                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0040                              |         |
| 0                   | Normal Voltage    | 0.0030                              |         |
| -10                 | Normal Voltage    | 0.0054                              |         |
| -20                 | Normal Voltage    | 0.0028                              |         |
| -30                 | Normal Voltage    | 0.0037                              |         |
| 20                  | Maximum Voltage   | 0.0042                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0013                              |         |

**Note:**

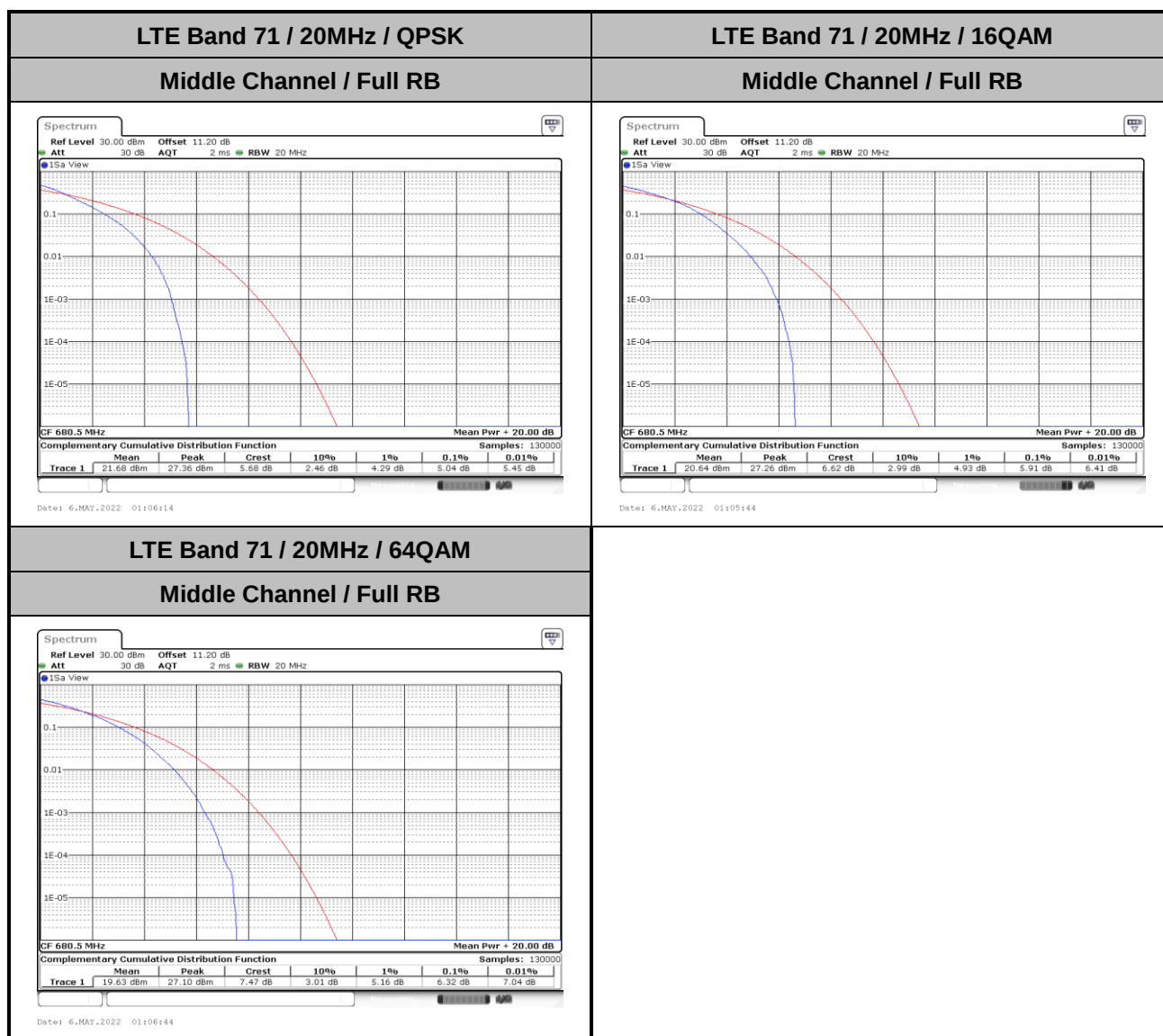
1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 71

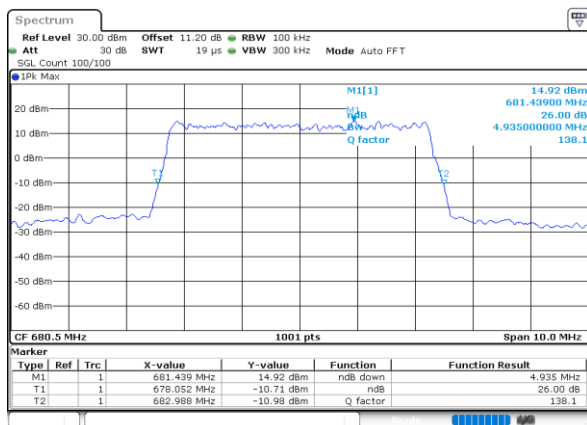
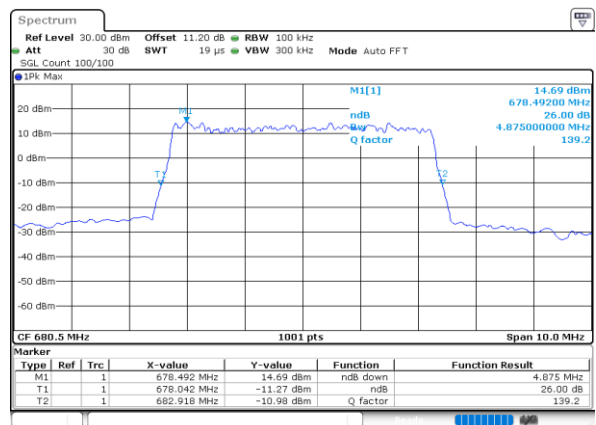
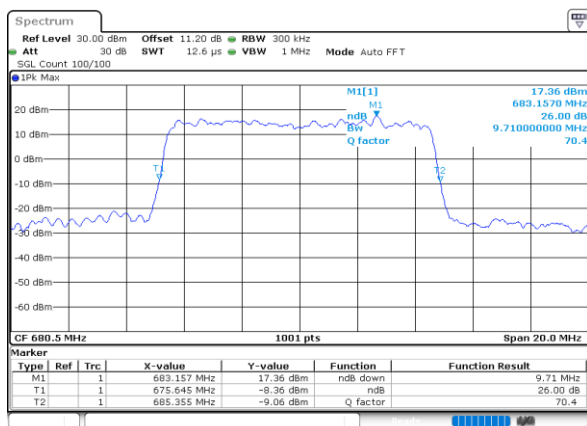
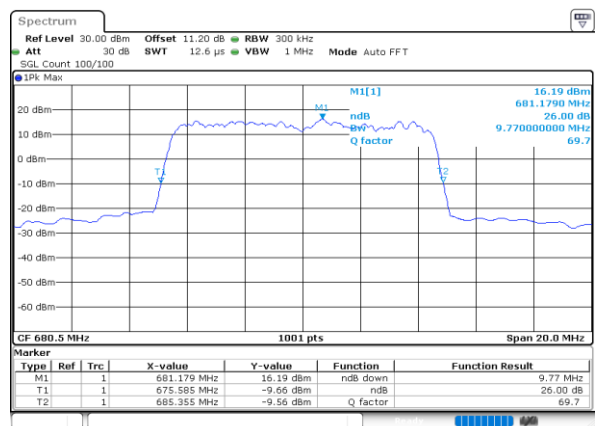
## Peak-to-Average Ratio

| Mode      | LTE Band 71 / 20MHz |         |         |         |             |
|-----------|---------------------|---------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | 256QAM  | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Full RB | Result      |
| Middle CH | 5.04                | 5.91    | 6.32    | -       | PASS        |



**26dB Bandwidth**

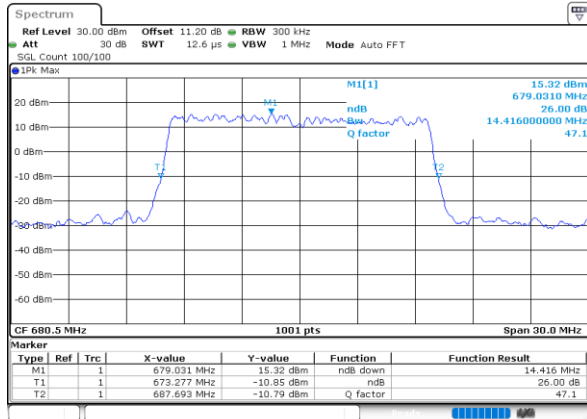
| Mode      | LTE Band 71 : 26dB BW(MHz) |        |       |        |       |        |       |        |       |        |       |        |
|-----------|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 1.4MHz                     |        | 3MHz  |        | 5MHz  |        | 10MHz |        | 15MHz |        | 20MHz |        |
| Mod.      | QPSK                       | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  |
| Middle CH |                            |        |       |        | 4.94  | 4.88   | 9.71  | 9.77   | 14.42 | 14.51  | 19.02 | 19.22  |
| Mode      | LTE Band 71 : 26dB BW(MHz) |        |       |        |       |        |       |        |       |        |       |        |
| BW        | 1.4MHz                     |        | 3MHz  |        | 5MHz  |        | 10MHz |        | 15MHz |        | 20MHz |        |
| Mod.      | 64QAM                      | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH |                            |        |       |        | 4.87  |        | 9.89  |        | 14.36 |        | 18.74 |        |

**LTE Band 71****Middle Channel / 5MHz / QPSK****Middle Channel / 5MHz / 16QAM****Middle Channel / 10MHz / QPSK****Middle Channel / 10MHz / 16QAM**

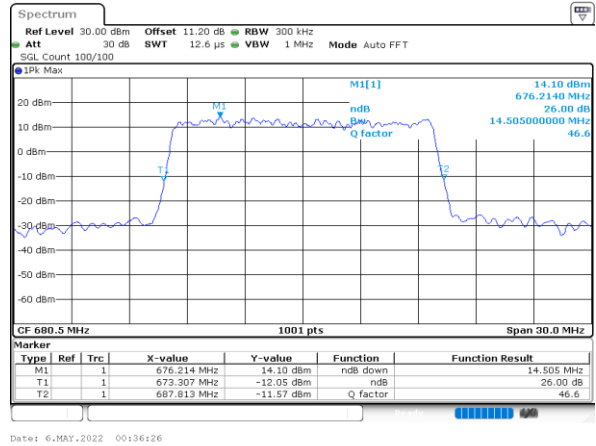


## LTE Band 71

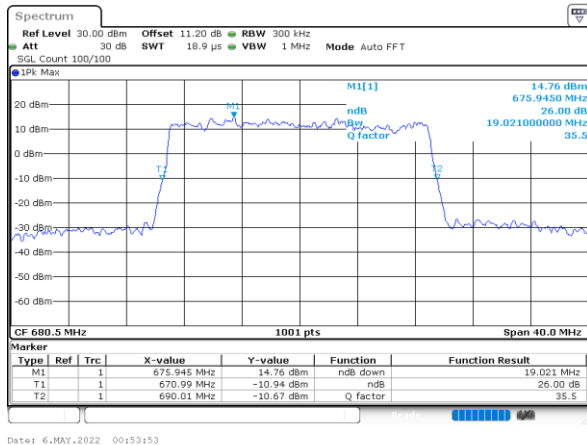
## Middle Channel / 15MHz / QPSK



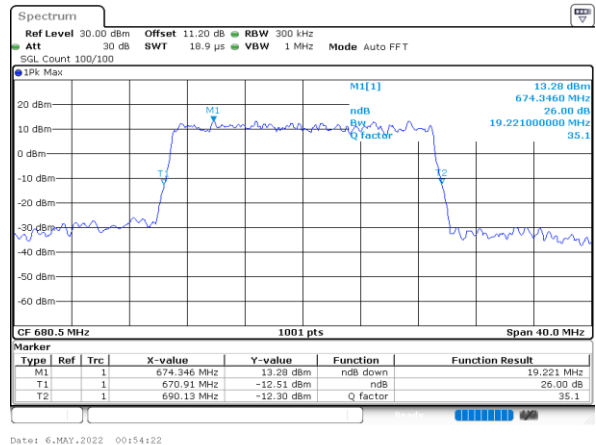
## Middle Channel / 15MHz / 16QAM



## Middle Channel / 20MHz / QPSK



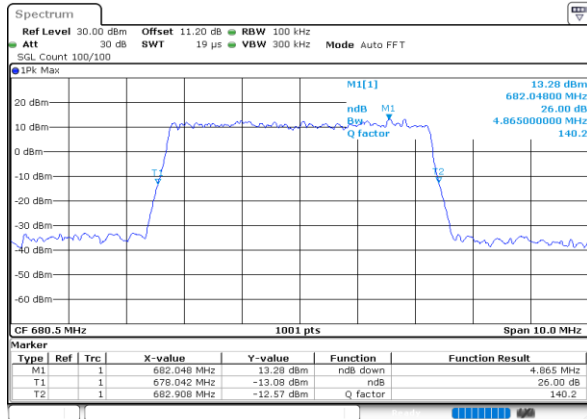
## Middle Channel / 20MHz / 16QAM



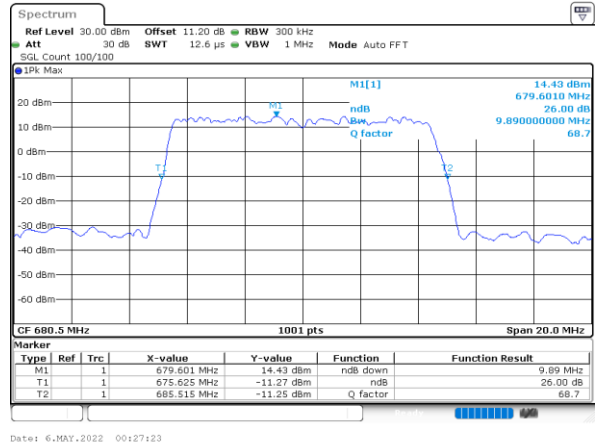


## LTE Band 71

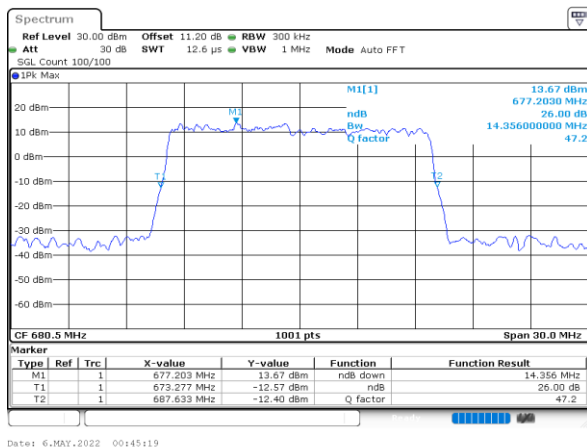
## Middle Channel / 5MHz / 64QAM



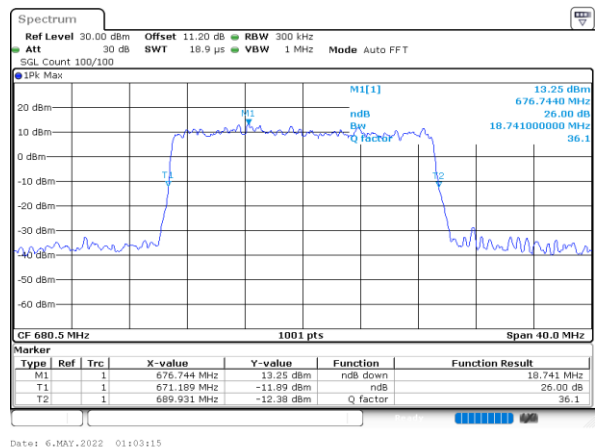
## Middle Channel / 10MHz / 64QAM



## Middle Channel / 15MHz / 64QAM



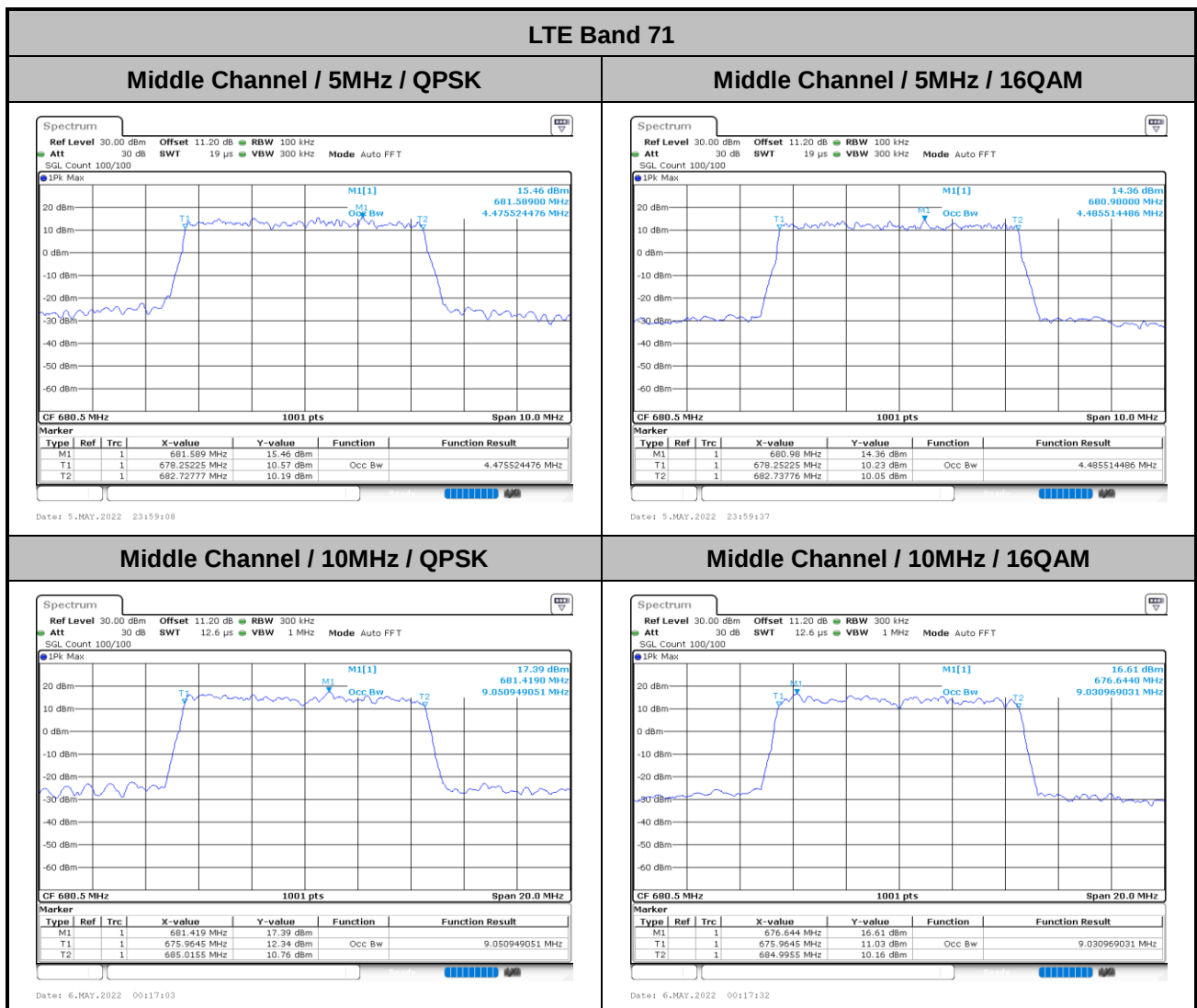
## Middle Channel / 20MHz / 64QAM





## Occupied Bandwidth

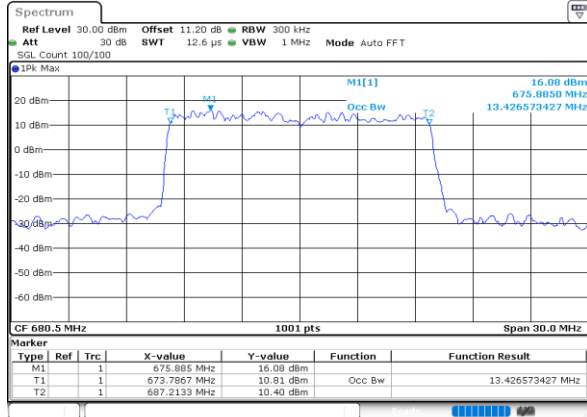
| Mode      | LTE Band 71 : 99%OBW(MHz) |        |       |        |       |        |       |        |       |        |       |        |
|-----------|---------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| BW        | 1.4MHz                    |        | 3MHz  |        | 5MHz  |        | 10MHz |        | 15MHz |        | 20MHz |        |
| Mod.      | QPSK                      | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  |
| Middle CH | -                         | -      | -     | -      | 4.48  | 4.49   | 9.05  | 9.03   | 13.43 | 13.40  | 17.78 | 17.82  |
| Mode      | LTE Band 71 : 99%OBW(MHz) |        |       |        |       |        |       |        |       |        |       |        |
| BW        | 1.4MHz                    |        | 3MHz  |        | 5MHz  |        | 10MHz |        | 15MHz |        | 20MHz |        |
| Mod.      | 64QAM                     | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | -                         | -      | -     | -      | 4.50  |        | 9.05  |        | 13.49 |        | 17.90 |        |



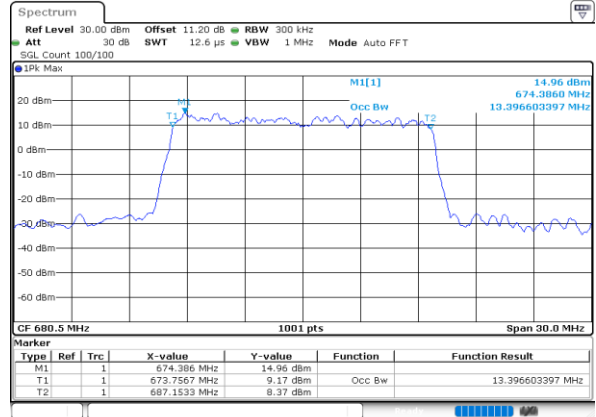


## LTE Band 71

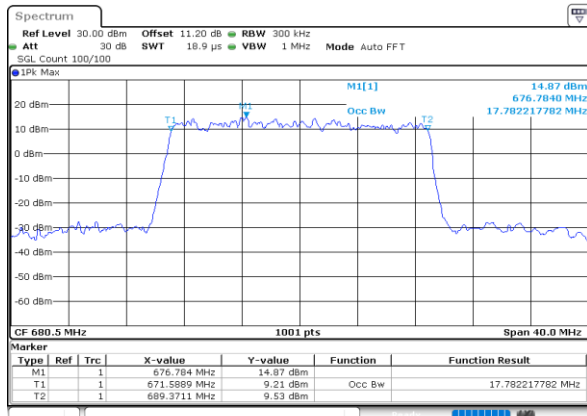
## Middle Channel / 15MHz / QPSK



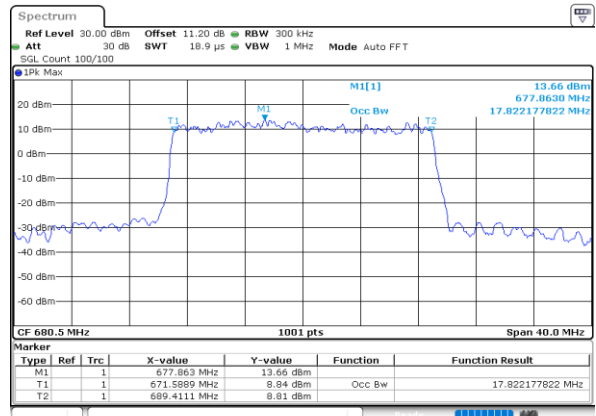
## Middle Channel / 15MHz / 16QAM



## Middle Channel / 20MHz / QPSK



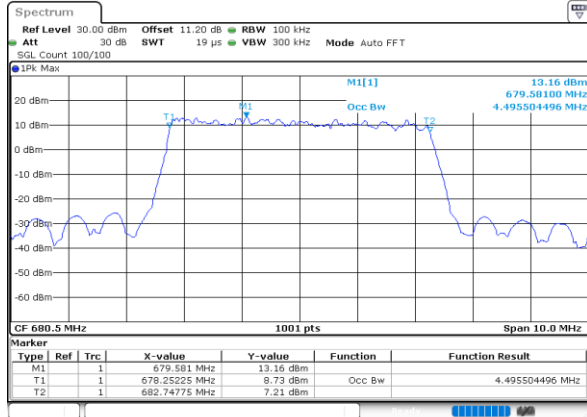
## Middle Channel / 20MHz / 16QAM



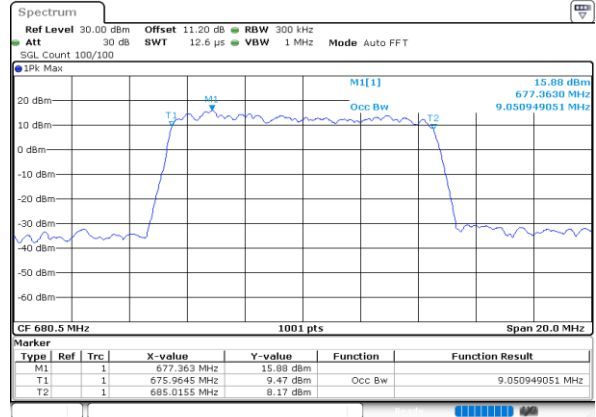


## LTE Band 71

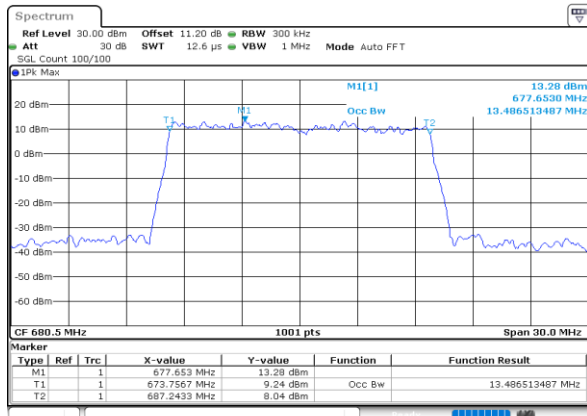
## Middle Channel / 5MHz / 64QAM



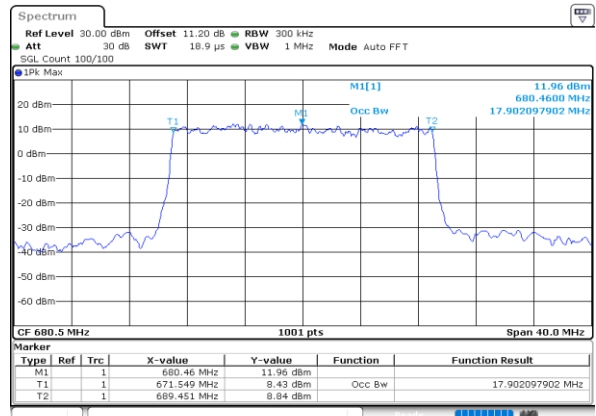
## Middle Channel / 10MHz / 64QAM



## Middle Channel / 15MHz / 64QAM



## Middle Channel / 20MHz / 64QAM

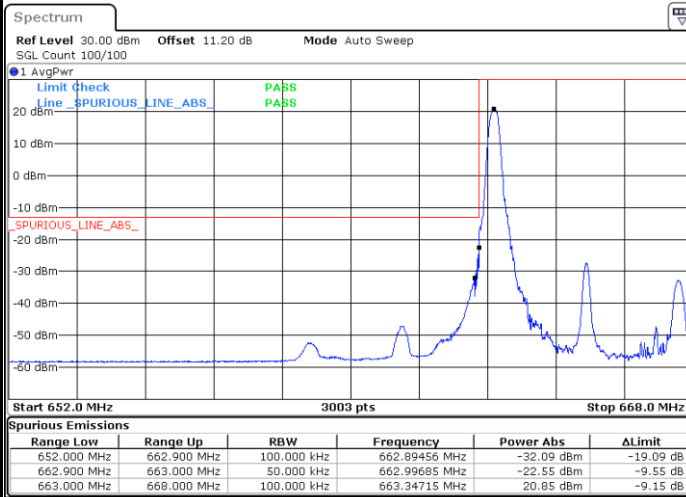




# Conducted Band Edge

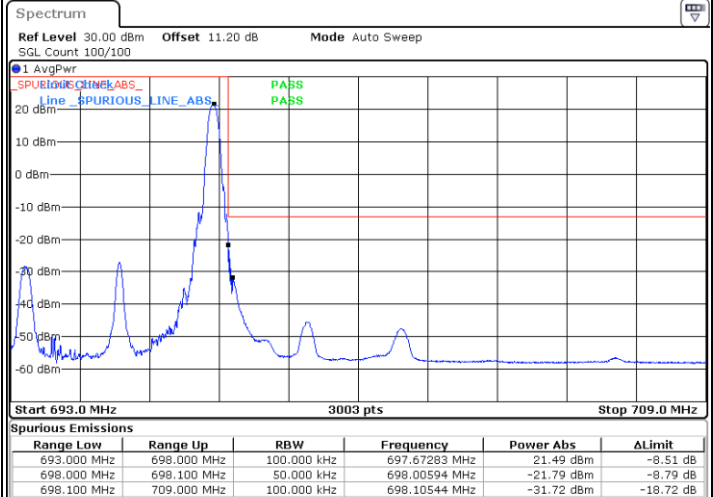
## LTE Band 71 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



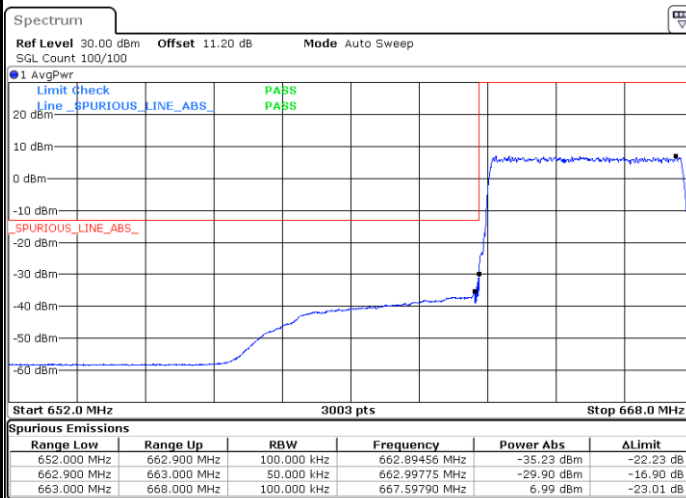
Date: 5.MAY.2022 23:54:33

### Highest Band Edge / 1 RB



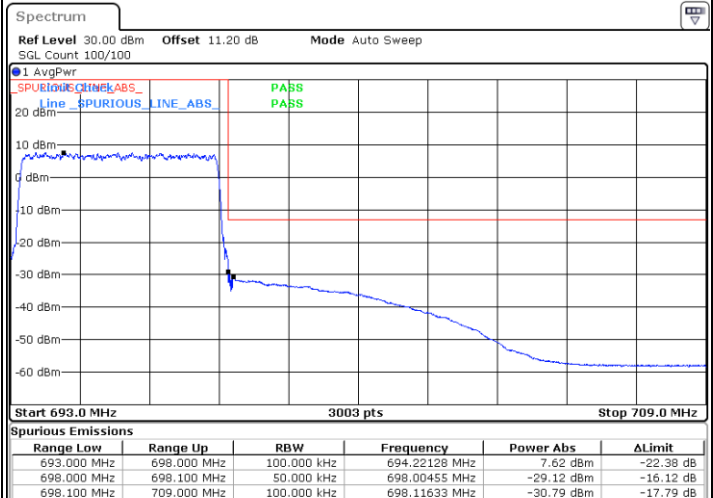
Date: 6.MAY.2022 00:02:40

### Lowest Band Edge / Full RB



Date: 5.MAY.2022 23:56:31

### Highest Band Edge / Full RB

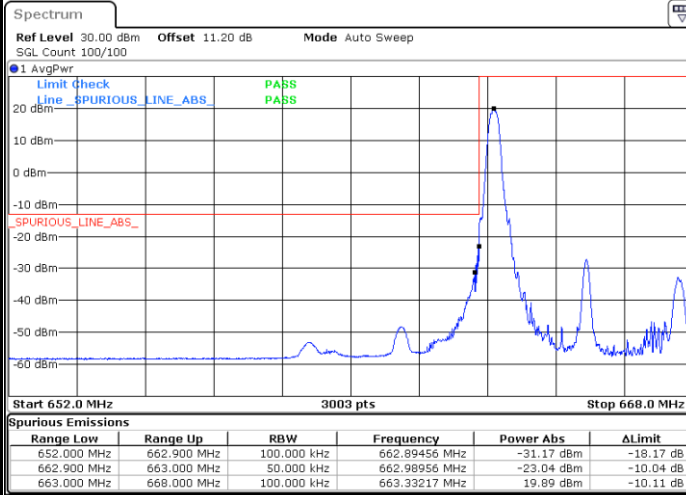


Date: 6.MAY.2022 00:04:38

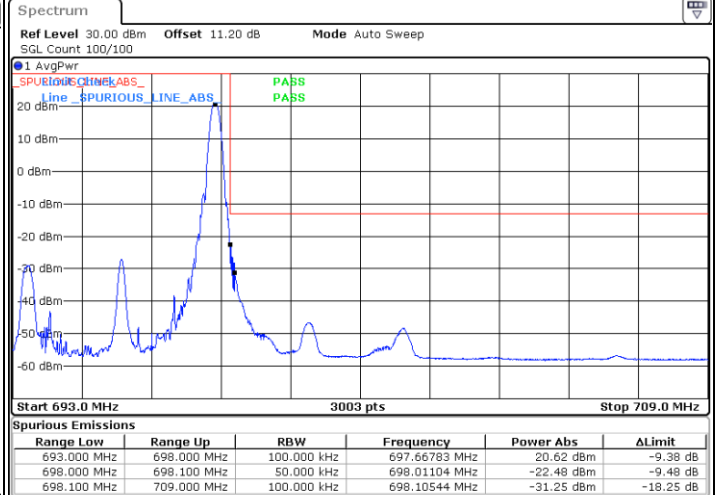


## LTE Band 71 / 5MHz / 16QAM

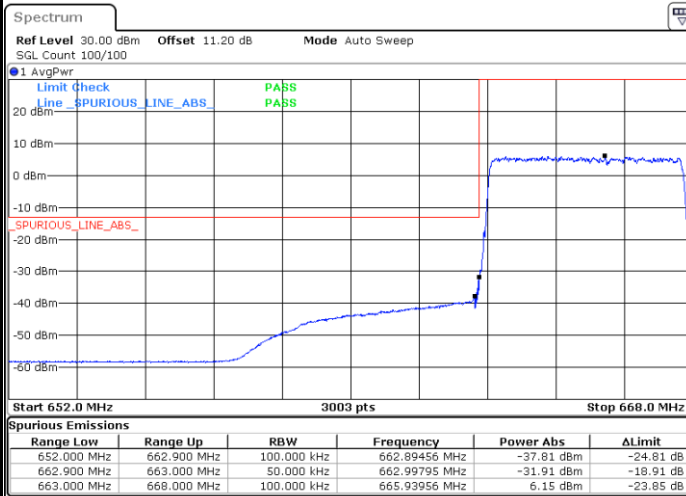
## Lowest Band Edge / 1RB



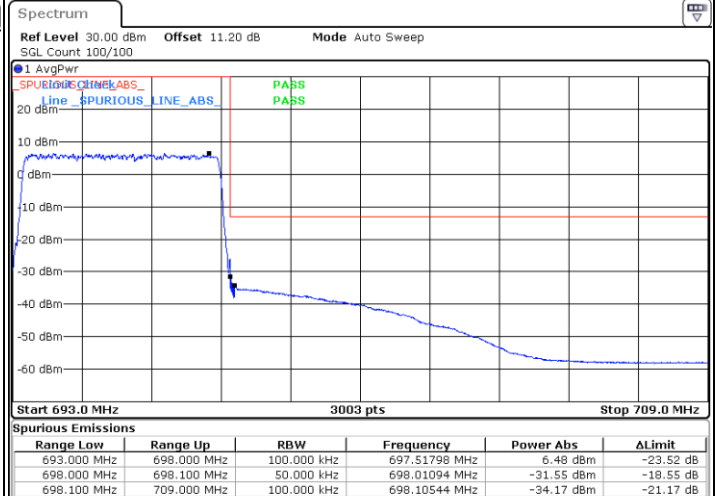
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



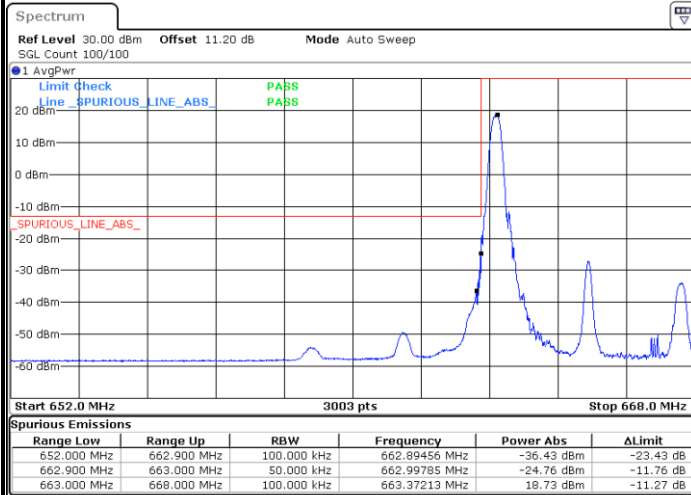
## Highest Band Edge / Full RB



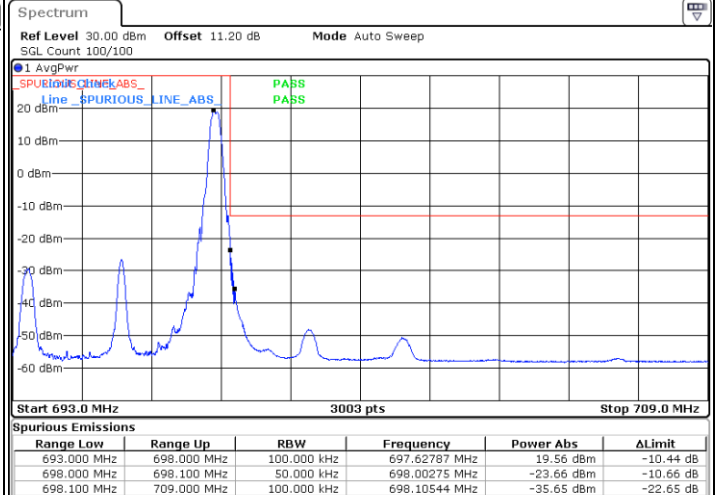


## LTE Band 71 / 5MHz / 64QAM

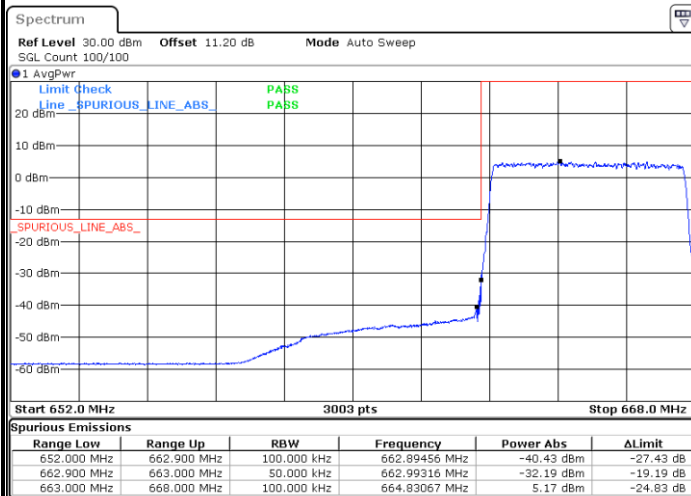
## Lowest Band Edge / 1RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

