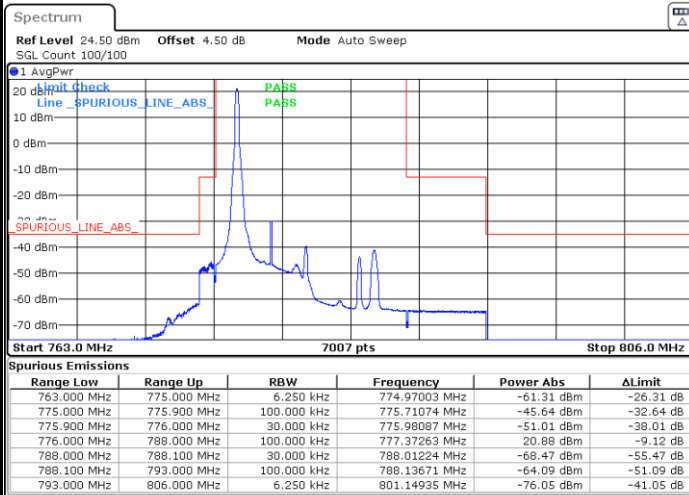
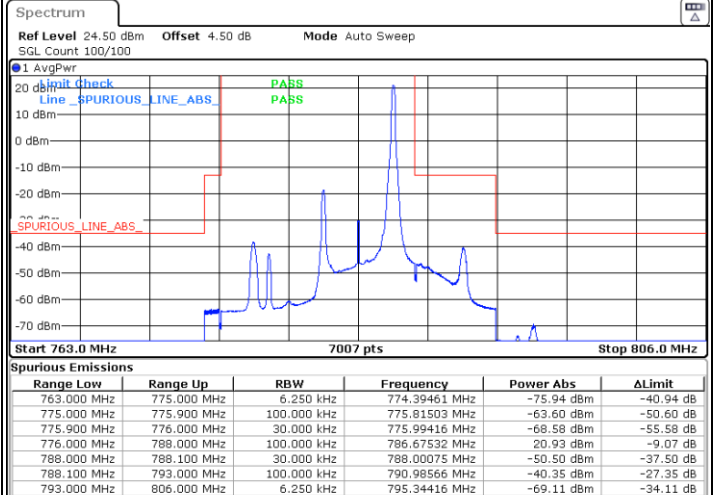
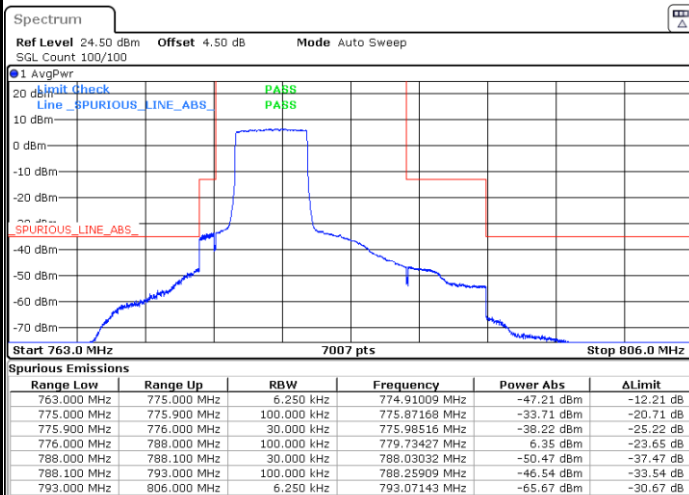
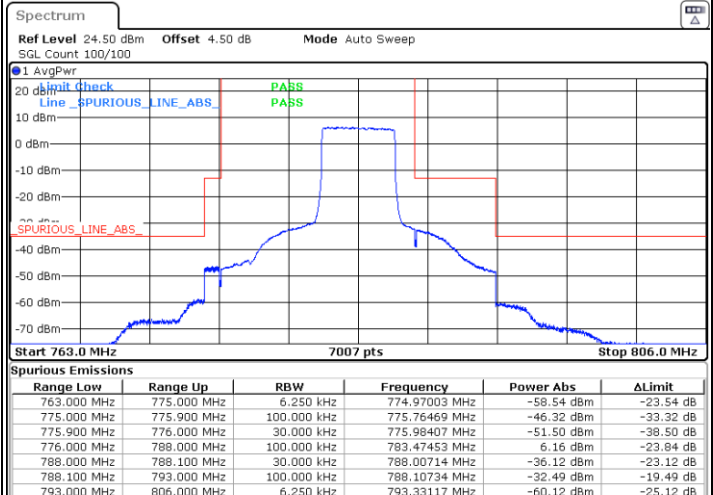
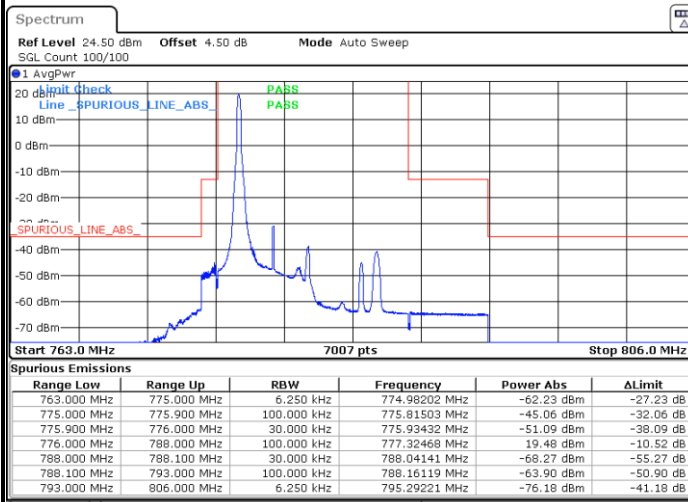


**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



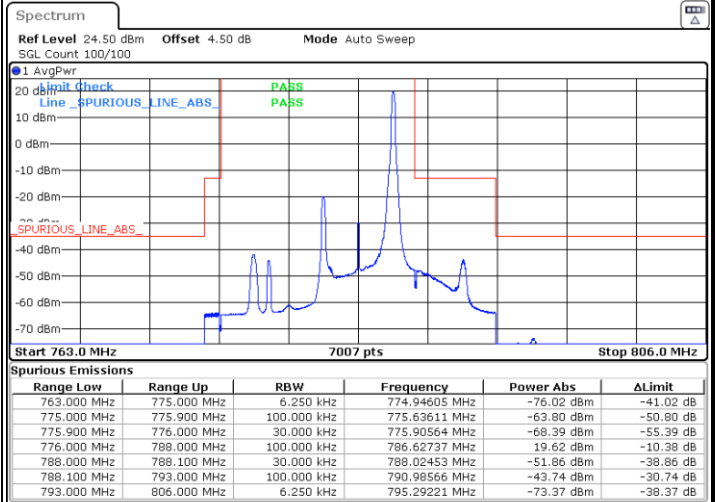
## LTE Band 13 / 5MHz / 16QAM

## Lowest Band Edge / 1RB



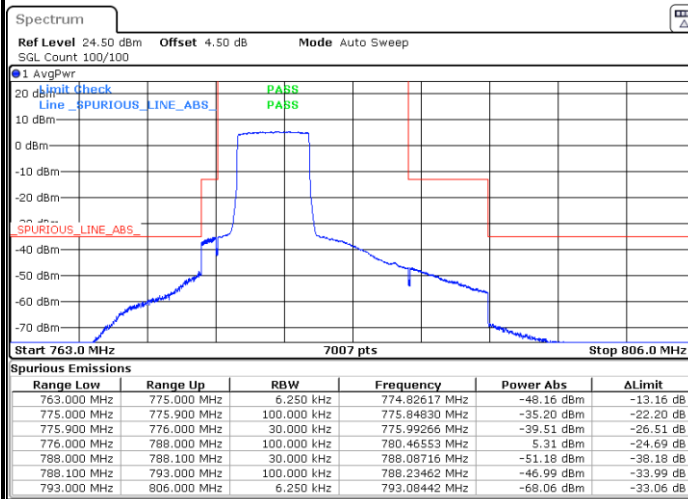
Date: 5 NOV 2021 18:32:21

## Highest Band Edge / 1 RB



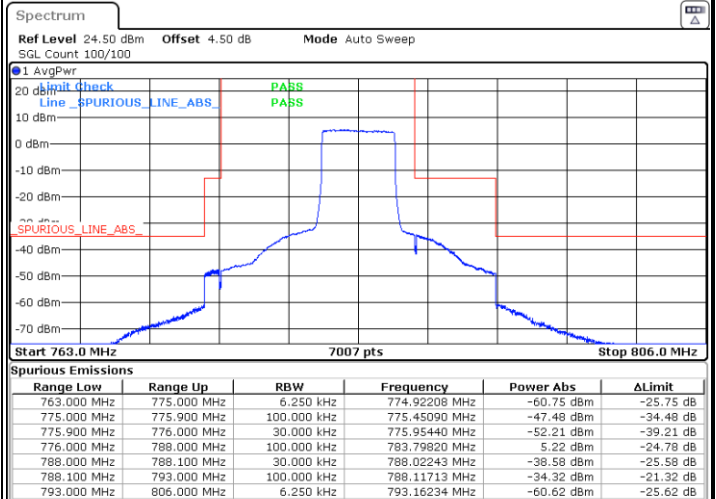
Date: 5 NOV 2021 18:38:28

## Lowest Band Edge / Full RB



Date: 5 NOV 2021 18:33:33

## Highest Band Edge / Full RB

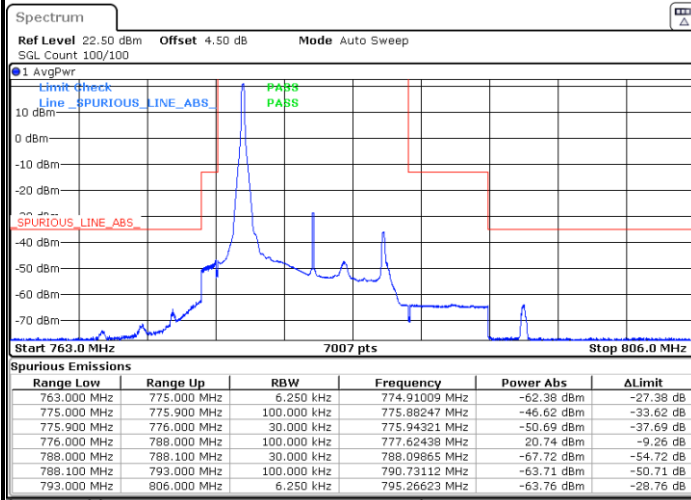


Date: 5 NOV 2021 18:39:40



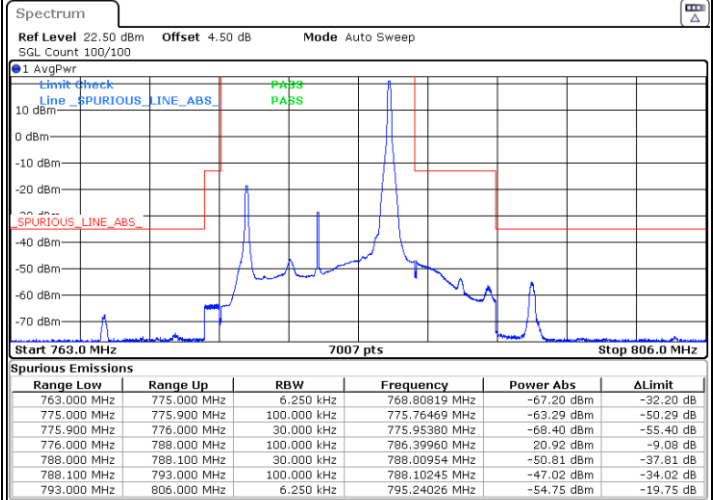
## LTE Band 13 / 10MHz / QPSK

## middle Band Edge / 1 RB



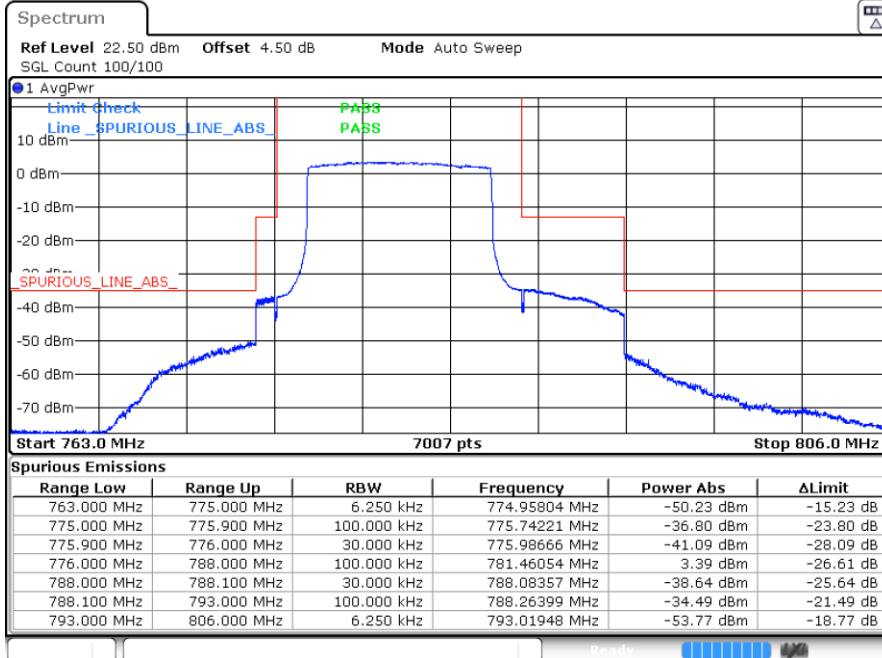
Date: 5.NOV.2021 18:21:33

## middle Band Edge / 1 RB



Date: 5.NOV.2021 18:27:18

## Middle Band Edge / Full RB

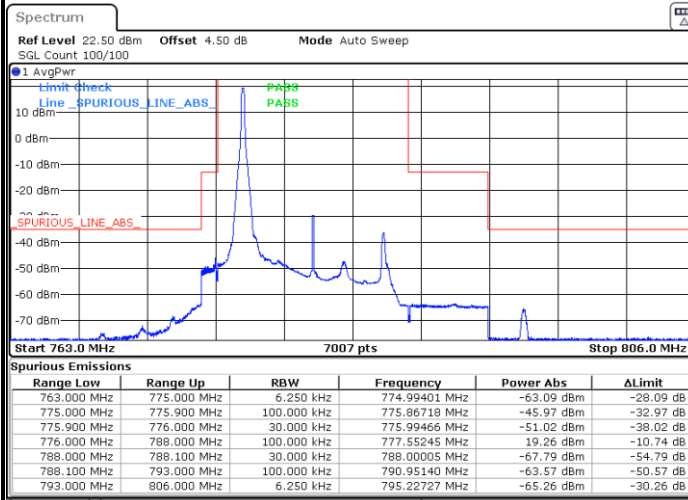


Date: 5.NOV.2021 18:25:44



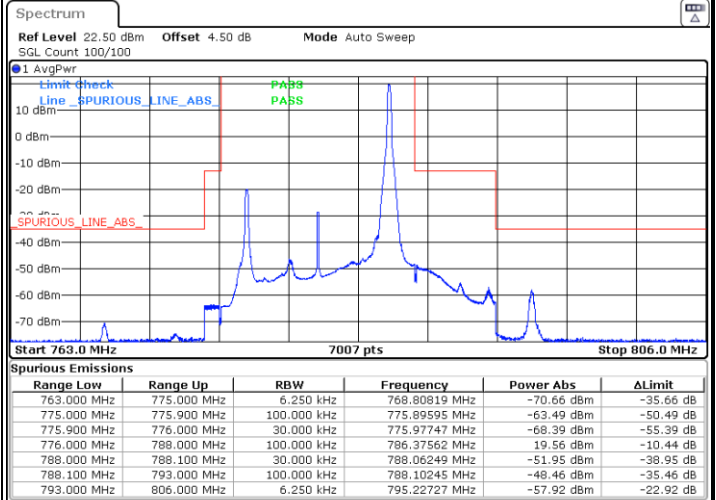
## LTE Band 13 / 10MHz / 16QAM

## middle Band Edge / 1 RB



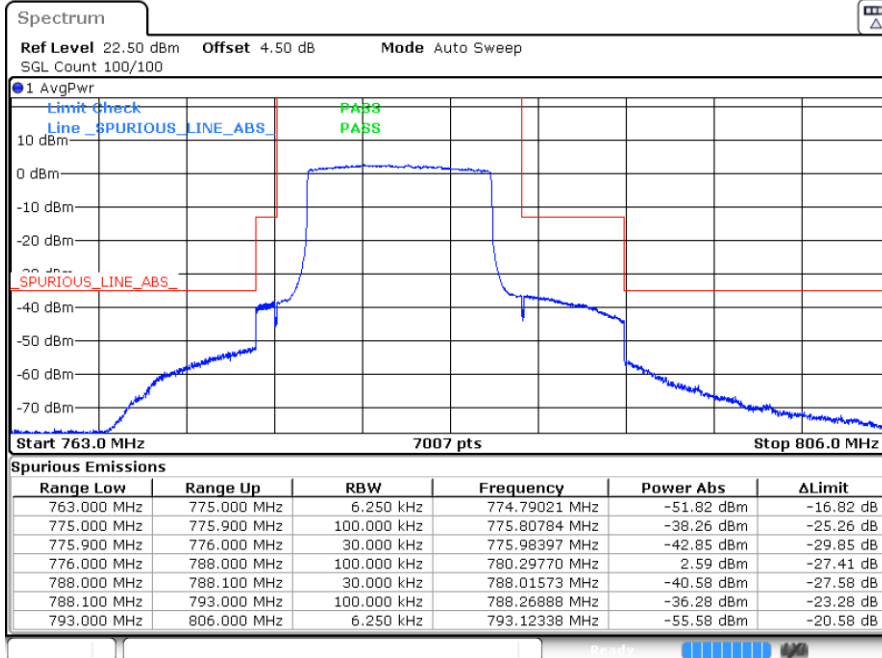
Date: 5.NOV.2021 18:22:42

## middle Band Edge / 1 RB



Date: 5.NOV.2021 18:28:26

## middle Band Edge / Full RB



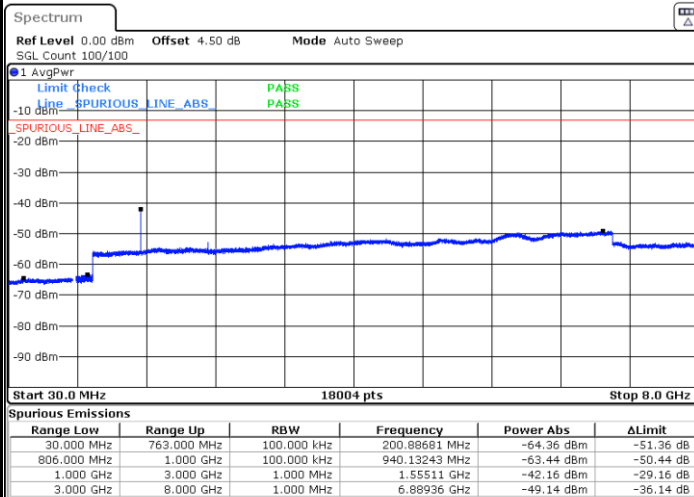
Date: 5.NOV.2021 18:23:57



# Conducted Spurious Emission

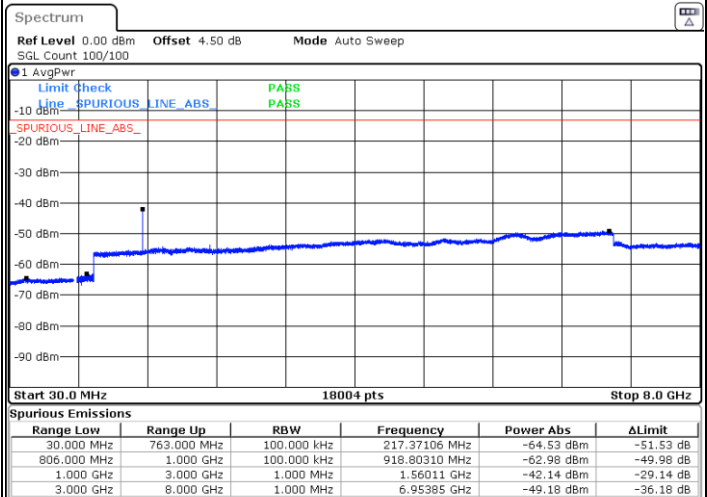
## LTE Band 13 / 5MHz

### Lowest Channel / QPSK



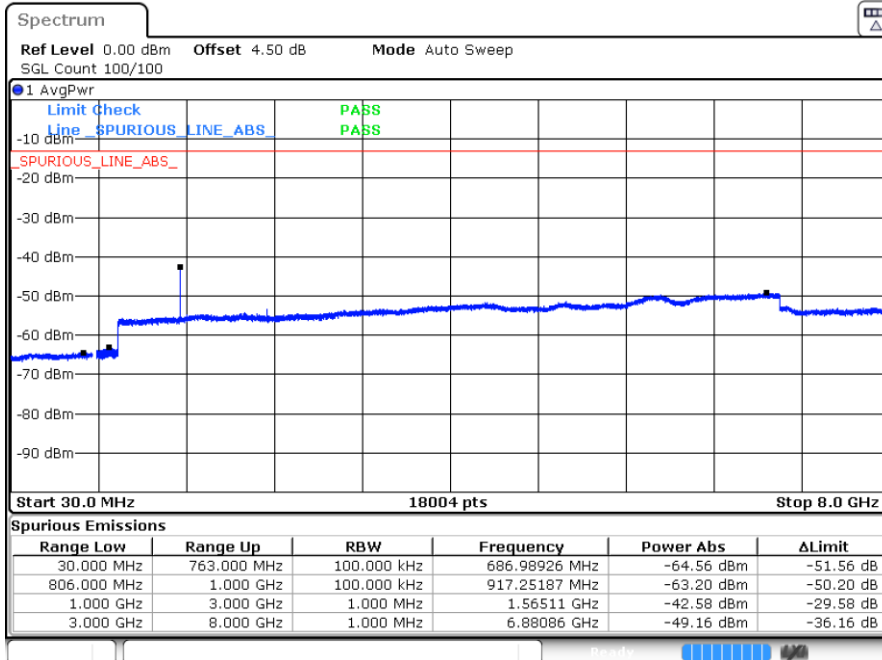
Date: 5.NOV.2021 18:30:03

### Middle Channel / QPSK



Date: 5.NOV.2021 18:29:20

### Highest Channel / QPSK

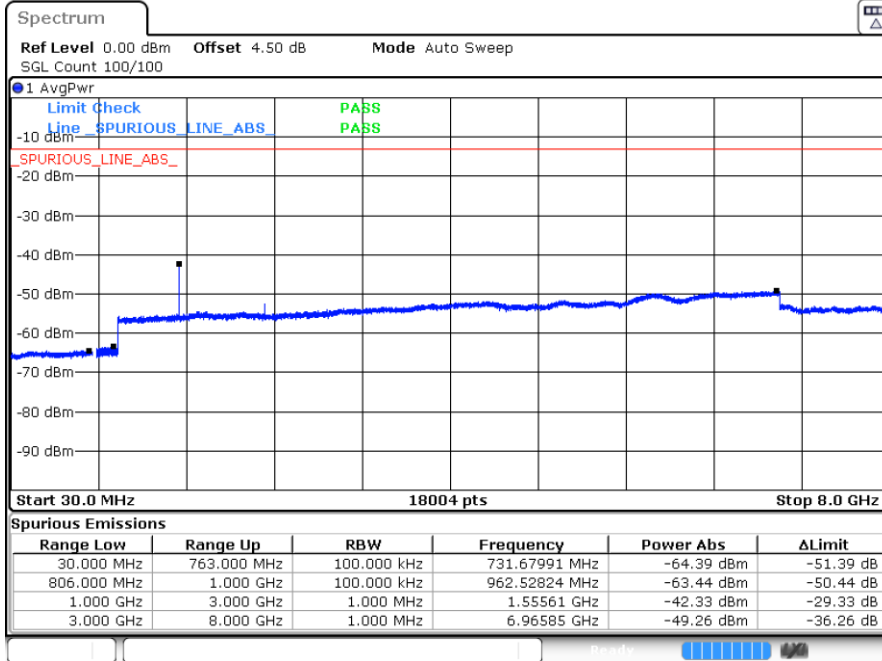


Date: 5.NOV.2021 18:36:05



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 5.NOV.2021 18:18:04

**Frequency Stability**

| Test Conditions  |                 | LTE Band 13 (QPSK) / Middle Channel | Limit   |
|------------------|-----------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)  | BW 10MHz                            | Note 2. |
|                  |                 | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage  | 0.0000                              | PASS    |
| 40               | Normal Voltage  | 0.0010                              |         |
| 30               | Normal Voltage  | 0.0021                              |         |
| 20(Ref.)         | Normal Voltage  | 0.0010                              |         |
| 10               | Normal Voltage  | 0.0000                              |         |
| 0                | Normal Voltage  | 0.0006                              |         |
| -10              | Normal Voltage  | 0.0007                              |         |
| -20              | Normal Voltage  | 0.0022                              |         |
| -30              | Normal Voltage  | 0.0016                              |         |
| 20               | Maximum Voltage | 0.0011                              |         |
| 20               | Normal Voltage  | 0.0010                              |         |
| 20               | End Point       | 0.0002                              |         |

**Note:**

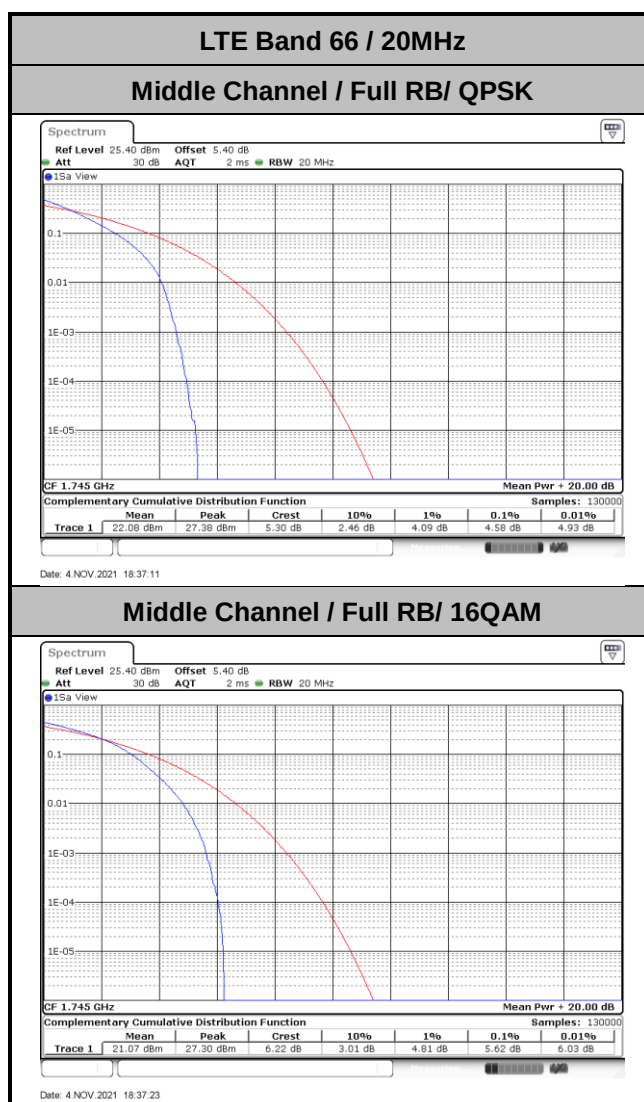
1. Normal Voltage =13 V. ; End Point (BEP) =12 V. ; Maximum Voltage =20 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 66

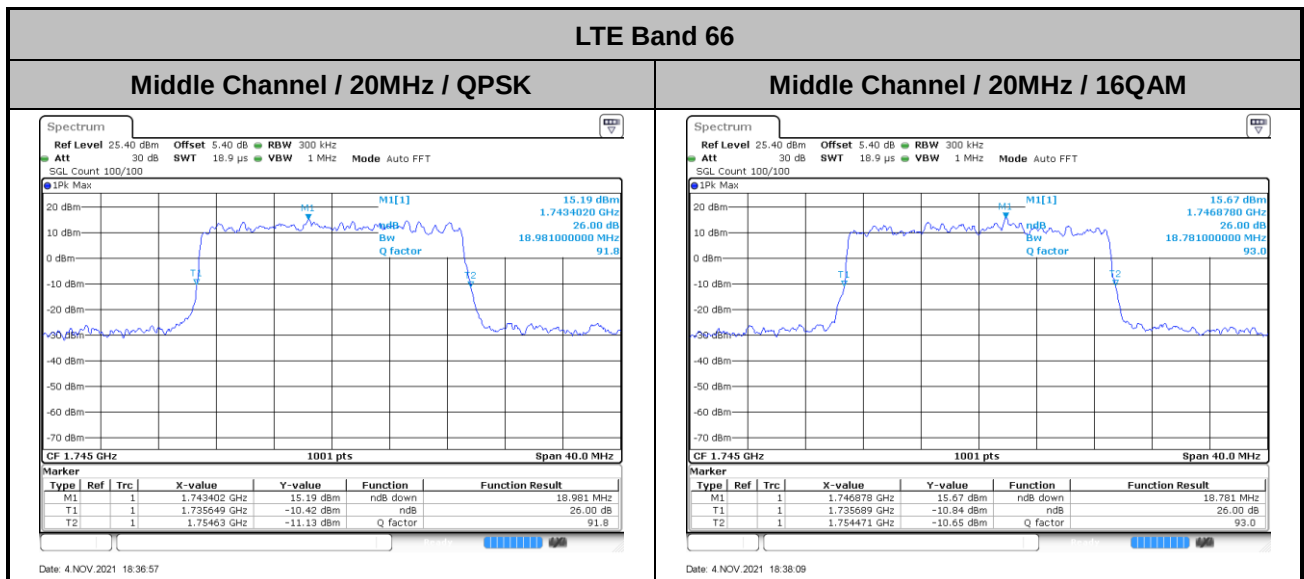
## Peak-to-Average Ratio

| Mode      | LTE Band 66 / 20MHz |         |             |
|-----------|---------------------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Result      |
| Middle CH | 4.58                | 5.62    | PASS        |



**26dB Bandwidth**

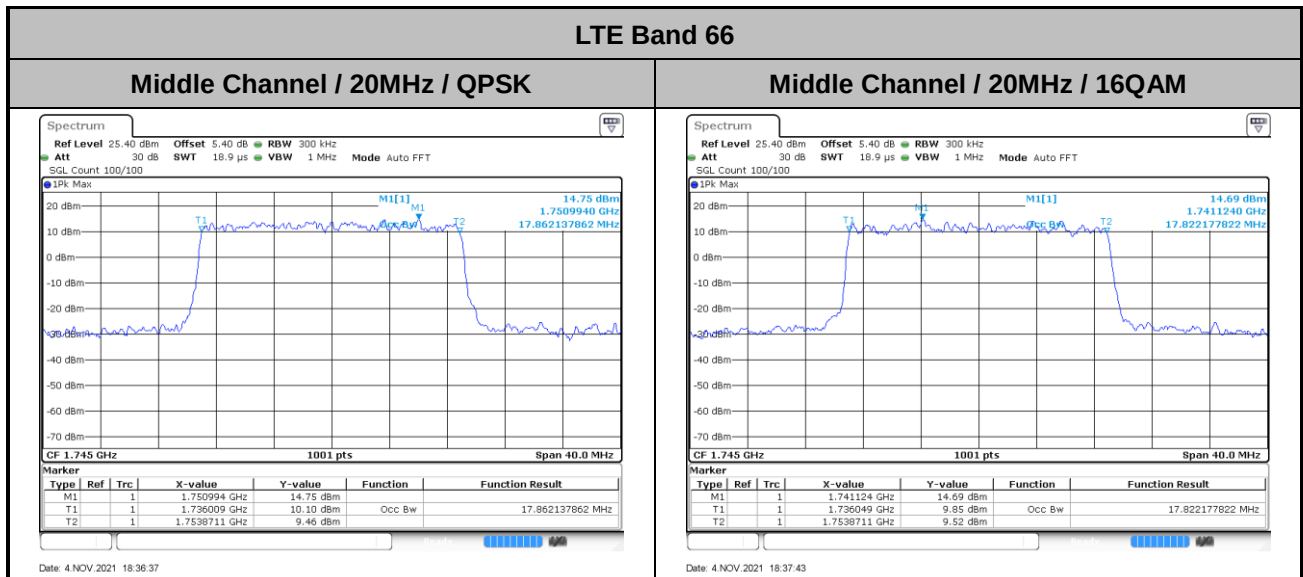
| Mode      | LTE Band 66 : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 20MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 18.98                      | 18.78 |





## Occupied Bandwidth

| Mode      | LTE Band 66 : 99%OBW(MHz) |       |
|-----------|---------------------------|-------|
| BW        | 20MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 17.86                     | 17.82 |

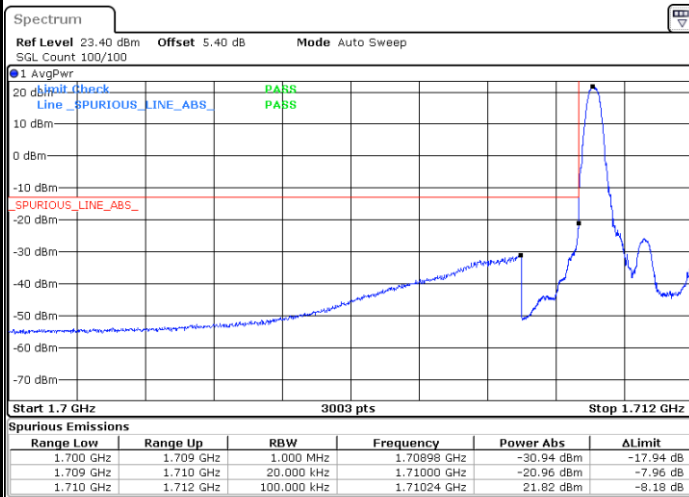




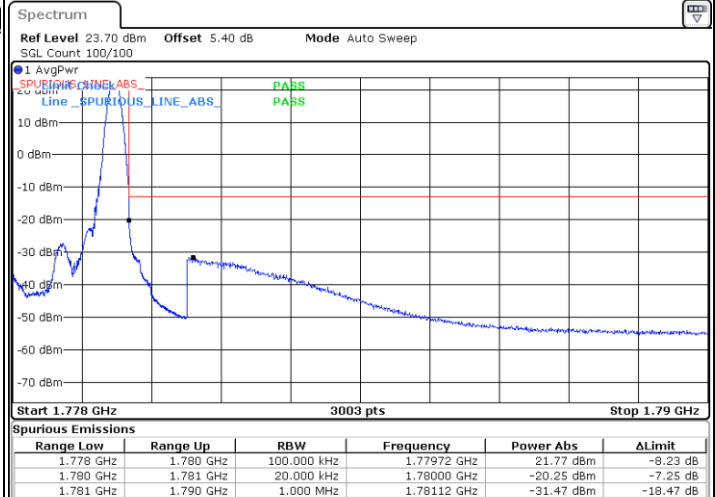
# Conducted Band Edge

## LTE Band 66 / 1.4MHz / QPSK

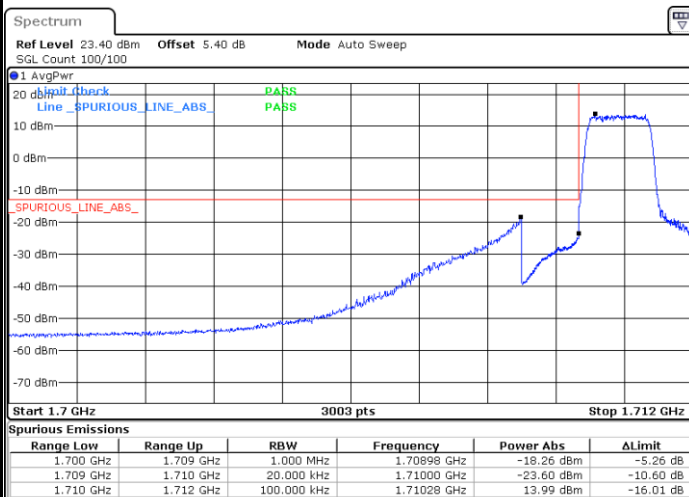
### Lowest Band Edge / 1RB



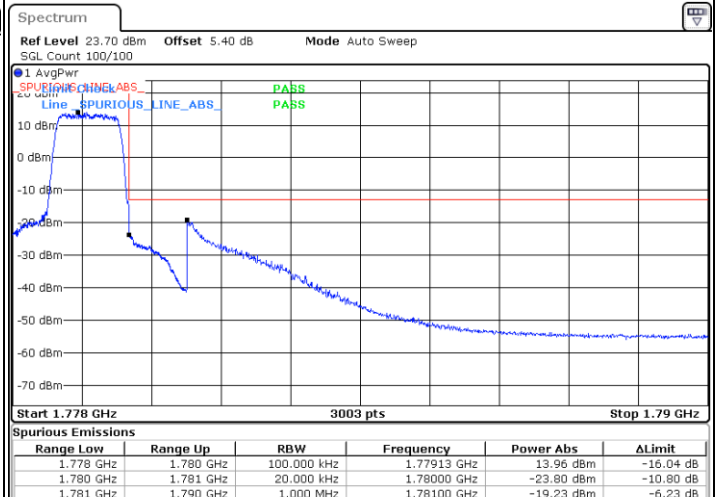
### Highest Band Edge / 1RB



### Lowest Band Edge / Full RB



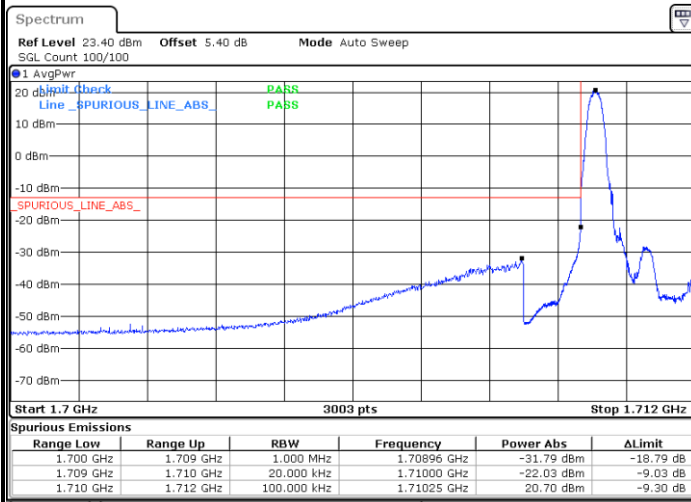
### Highest Band Edge / Full RB



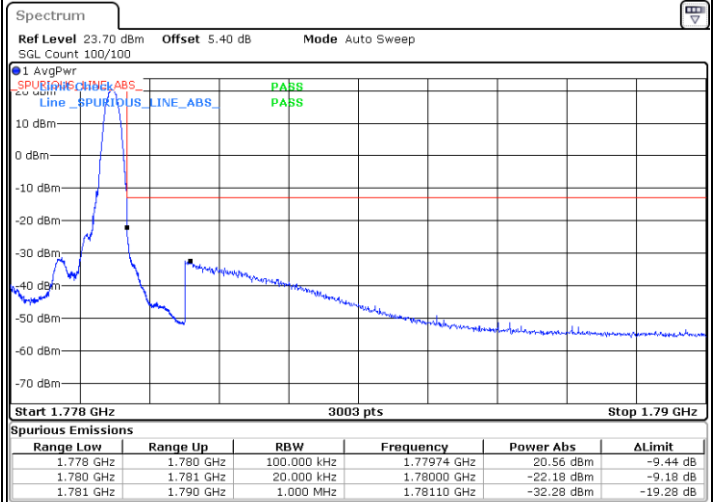


## LTE Band 66 / 1.4MHz / 16QAM

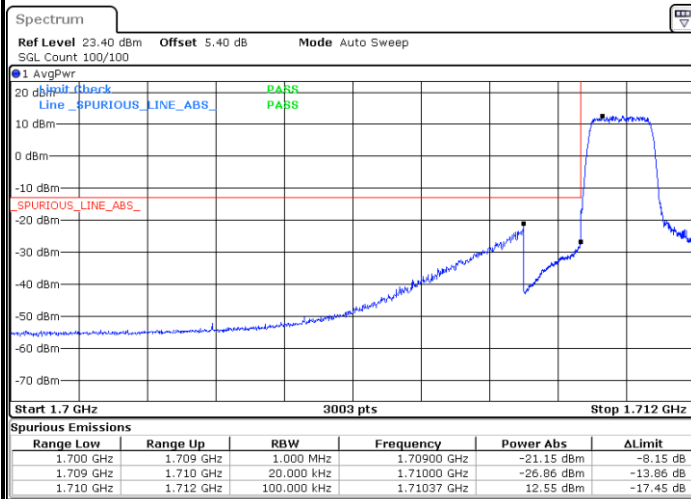
## Lowest Band Edge / 1 RB



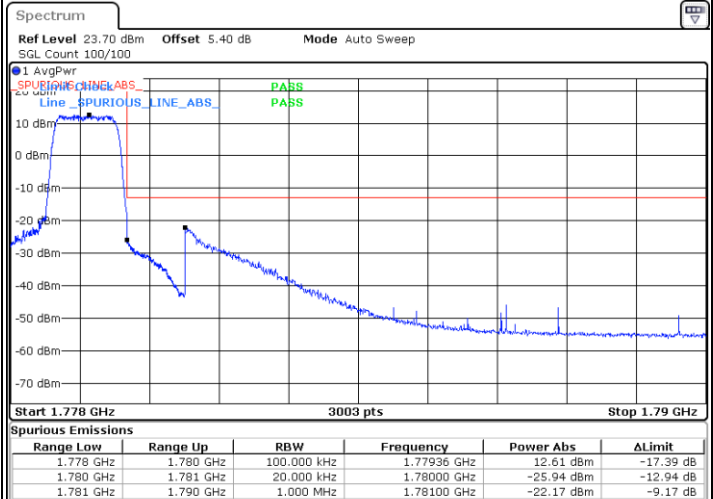
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



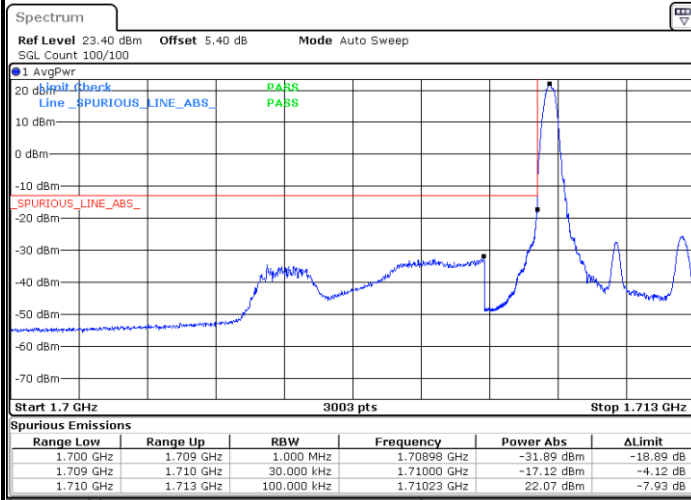
## Highest Band Edge / Full RB



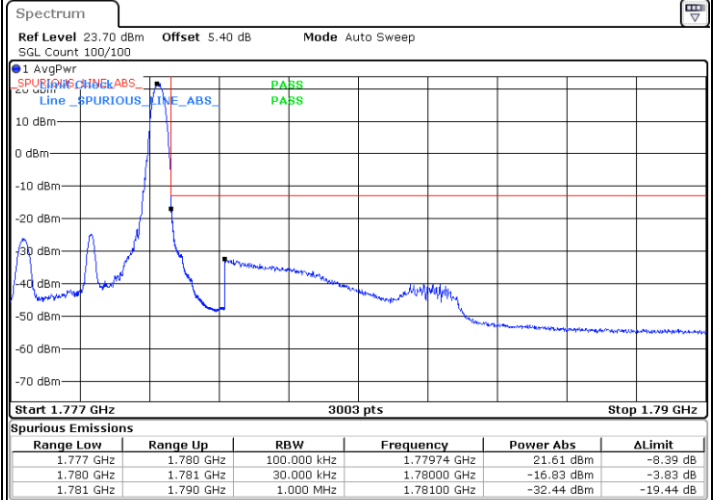


## LTE Band 66 / 3MHz / QPSK

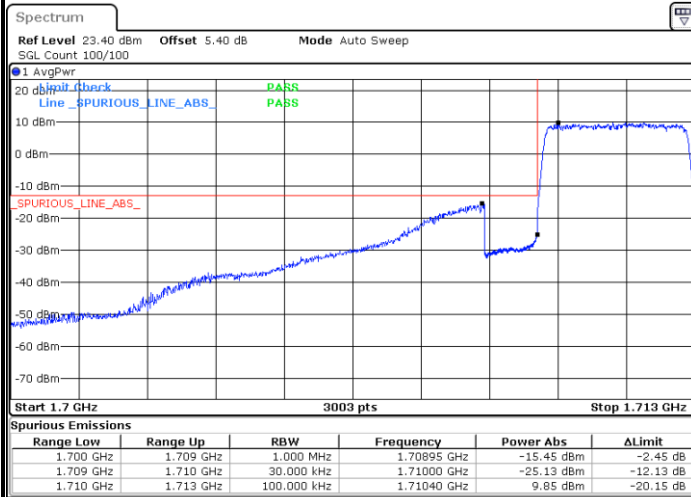
## Lowest Band Edge / 1RB



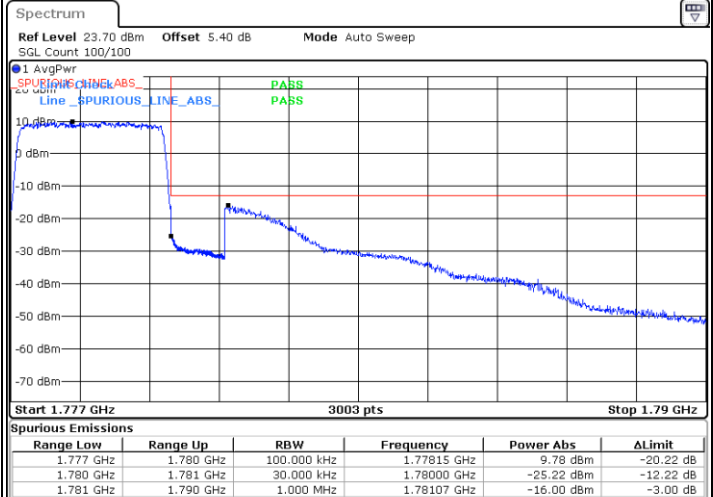
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



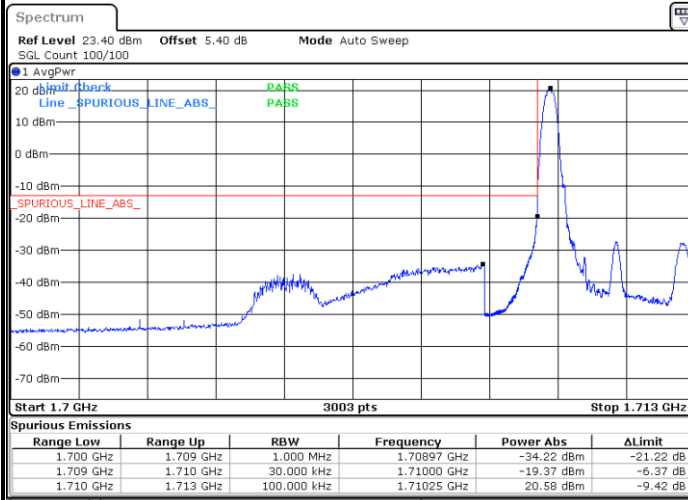
## Highest Band Edge / Full RB



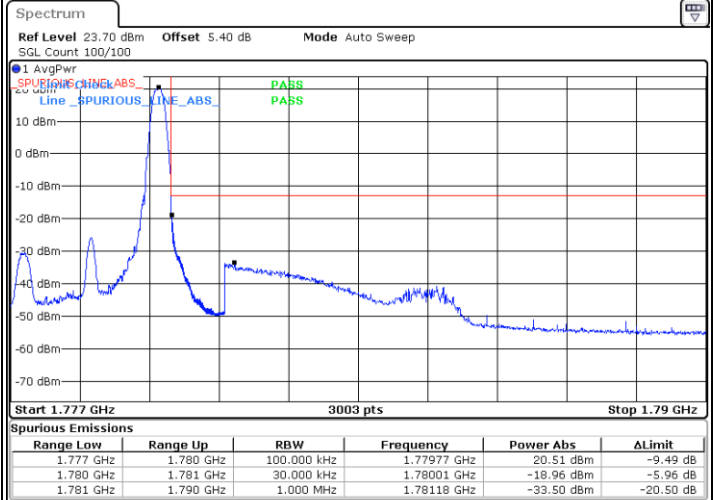


## LTE Band 66 / 3MHz / 16QAM

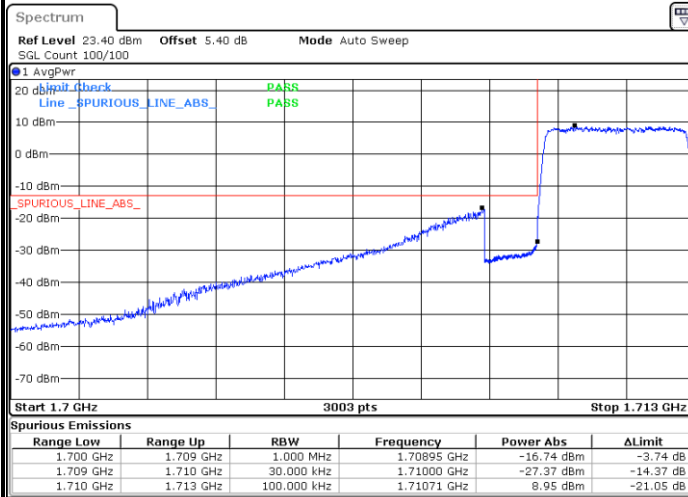
## Lowest Band Edge / 1 RB



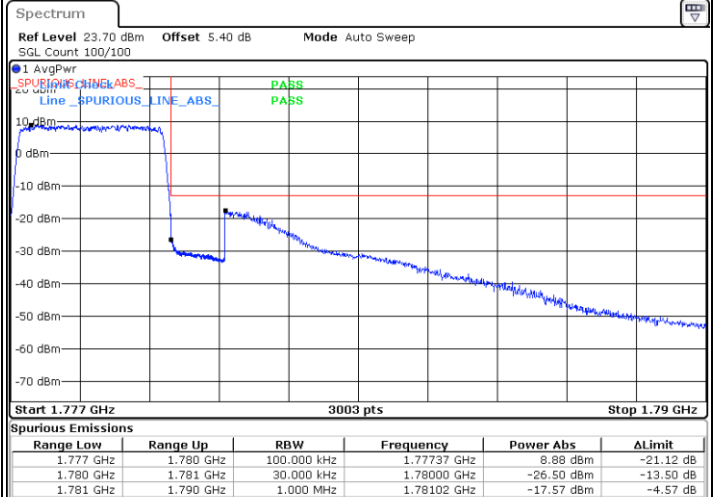
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



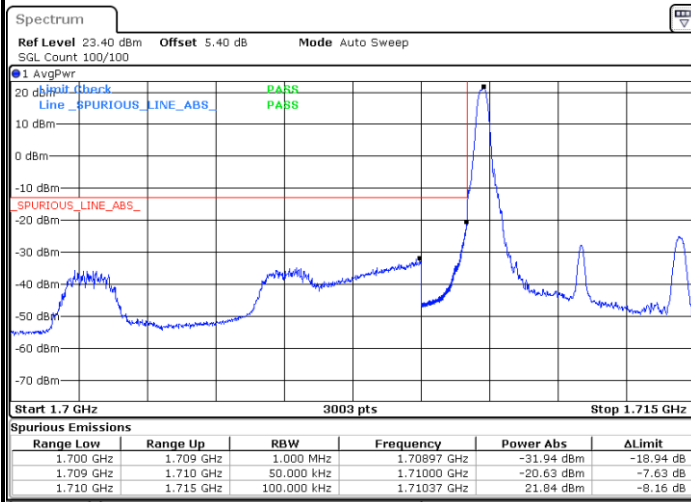
## Highest Band Edge / Full RB



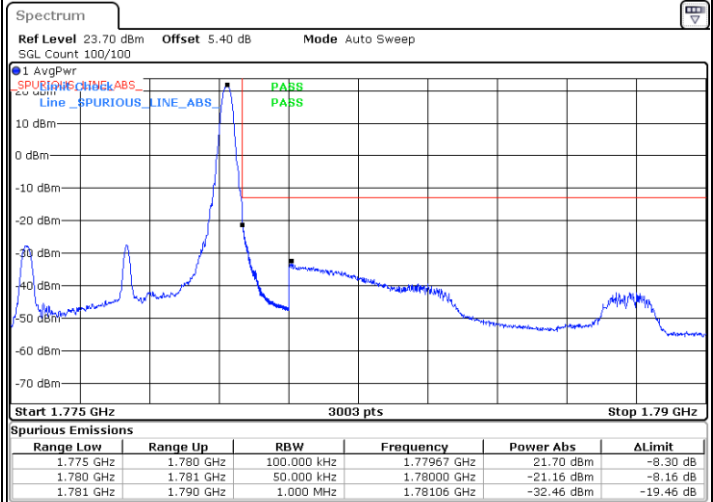


## LTE Band 66 / 5MHz / QPSK

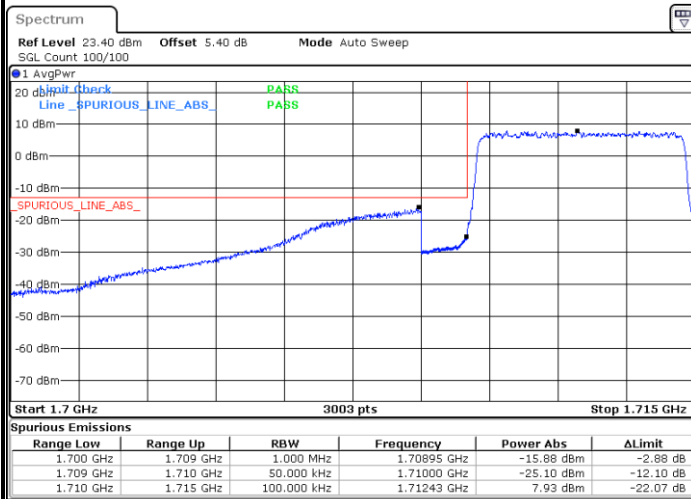
## Lowest Band Edge / 1 RB



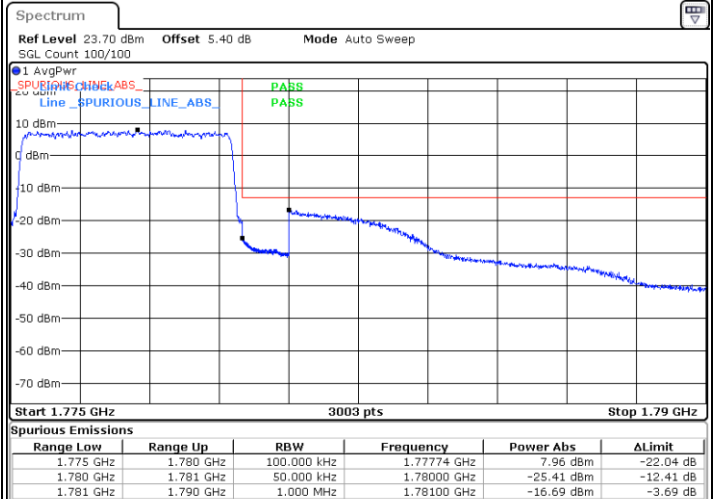
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



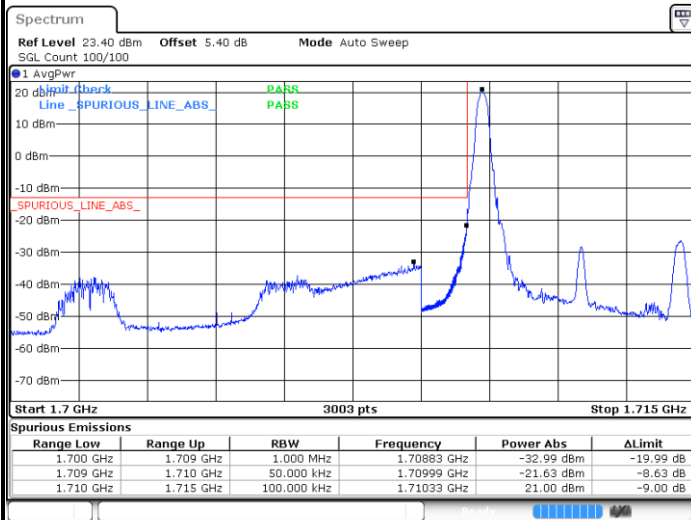
## Highest Band Edge / Full RB



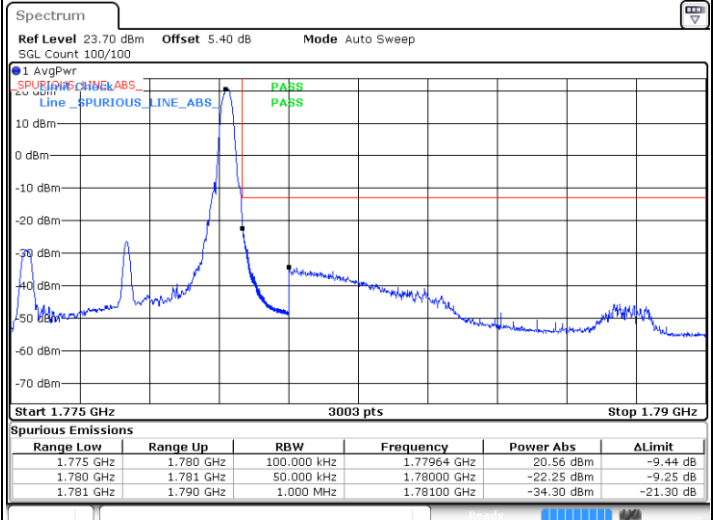
## LTE Band 66 / 5MHz / 16QAM



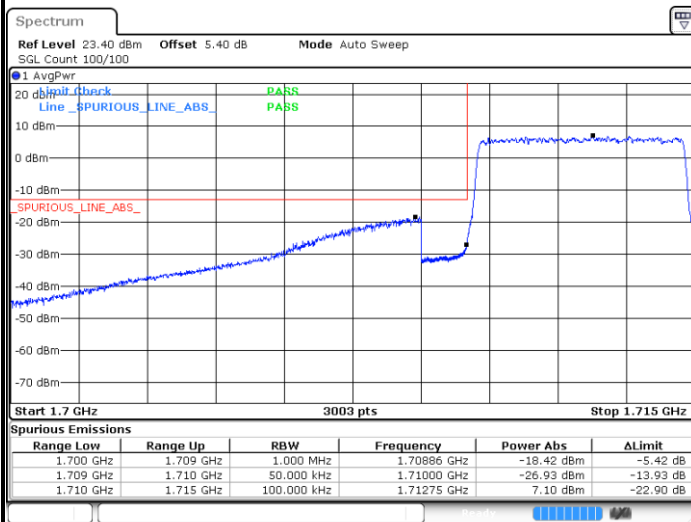
## Lowest Band Edge / 1RB



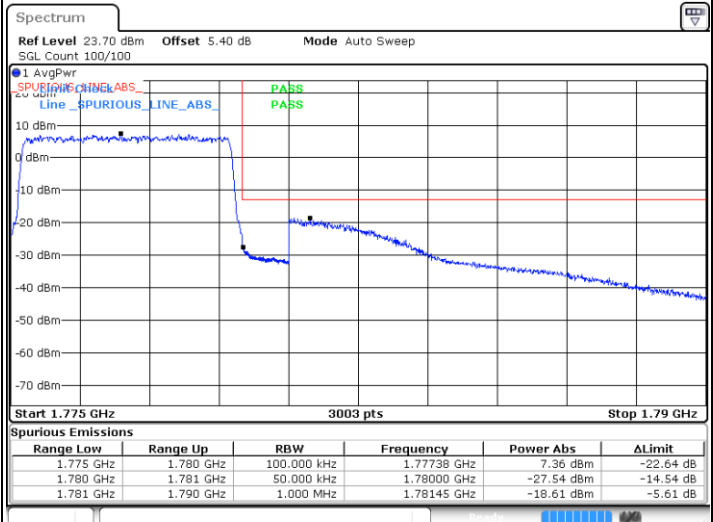
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



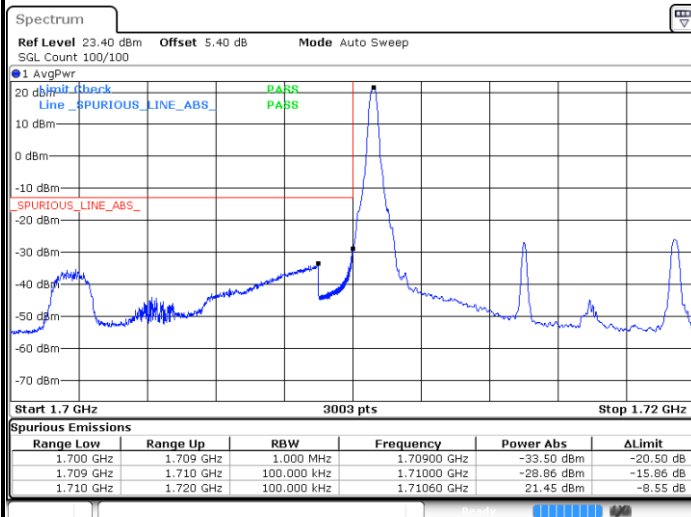
## Highest Band Edge / Full RB



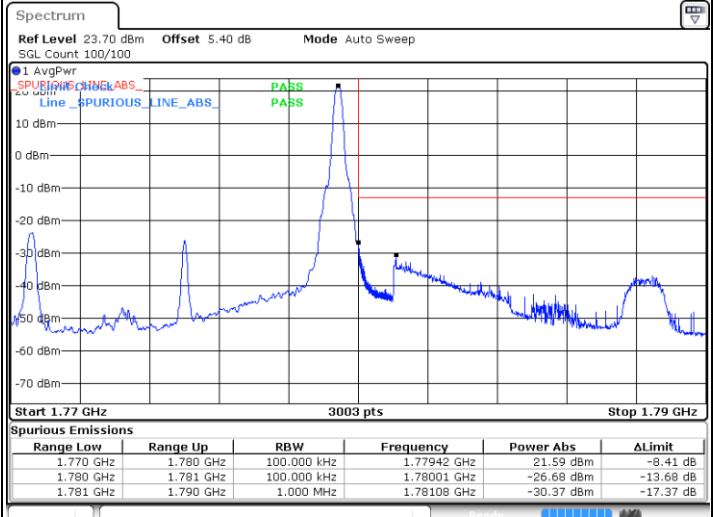


## LTE Band 66 / 10MHz / QPSK

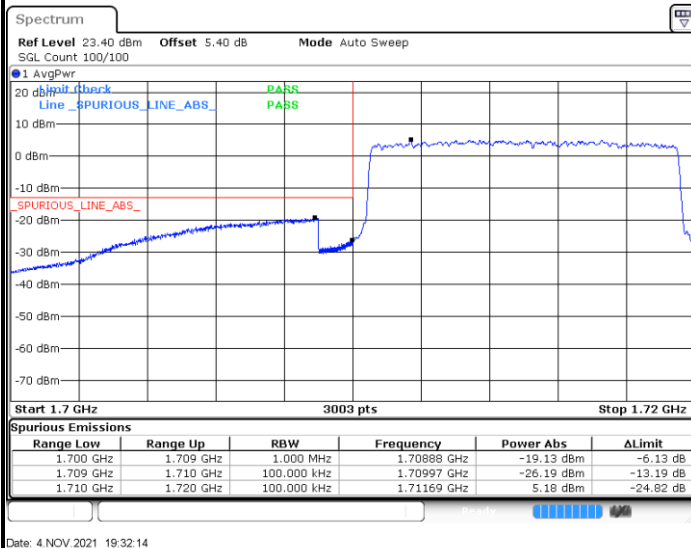
## Lowest Band Edge / 1 RB



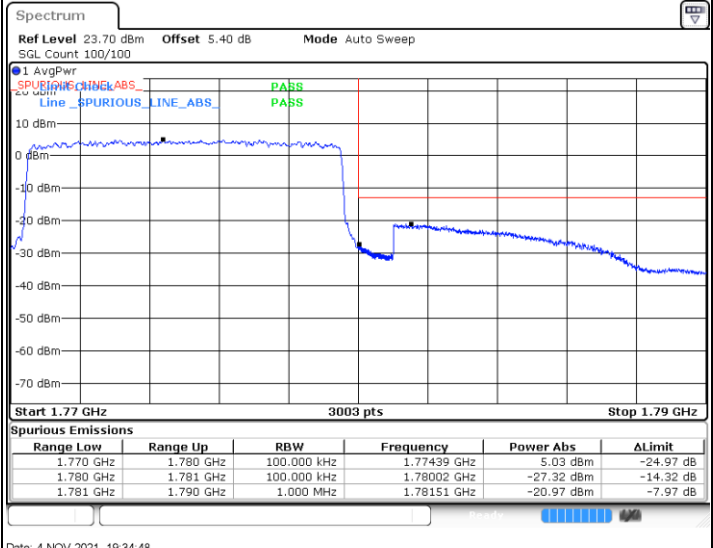
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



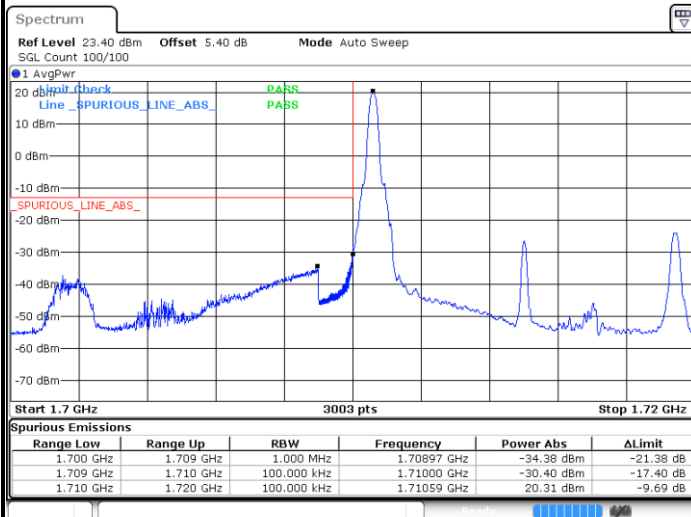
## Highest Band Edge / Full RB



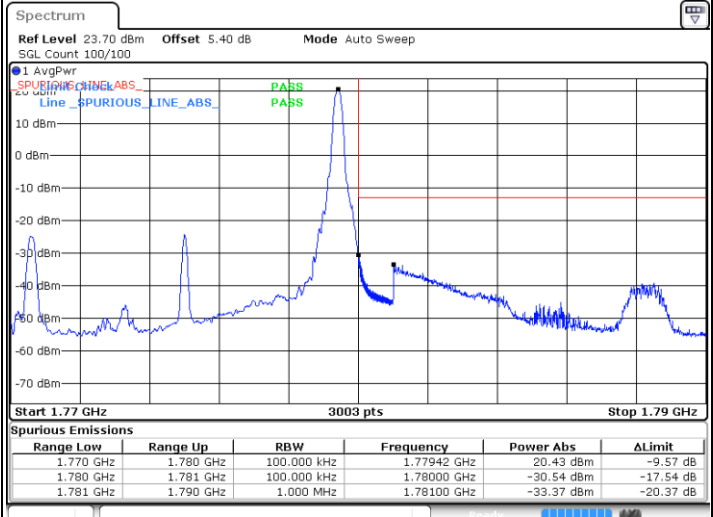


## LTE Band 66 / 10MHz / 16QAM

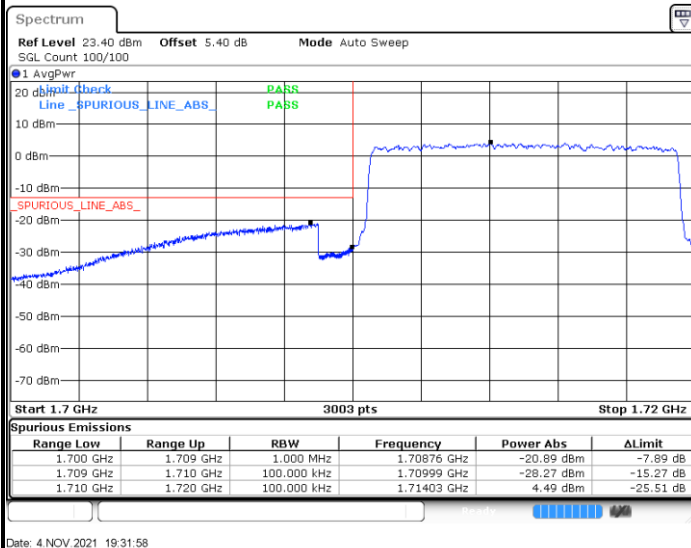
## Lowest Band Edge / 1 RB



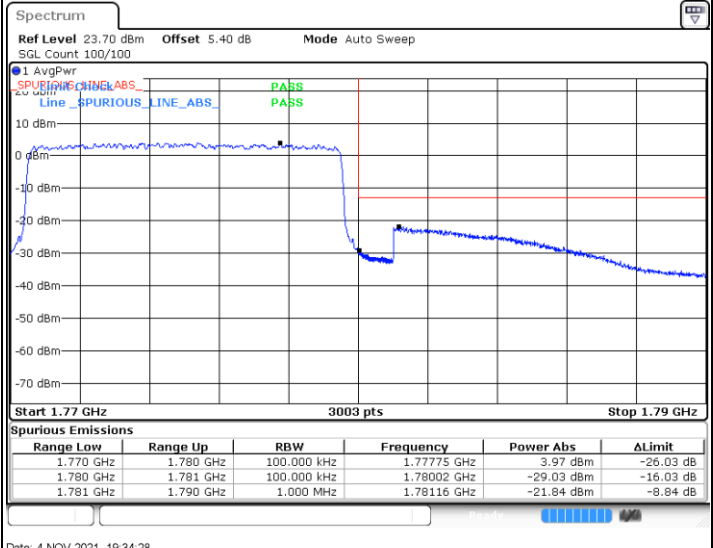
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



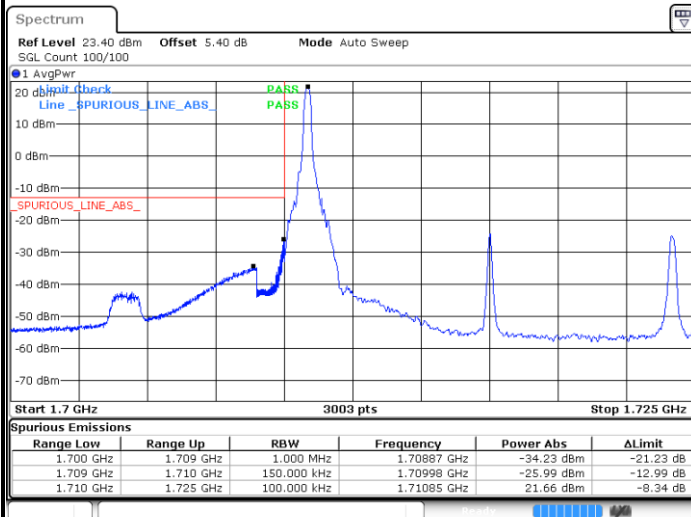
## Highest Band Edge / Full RB



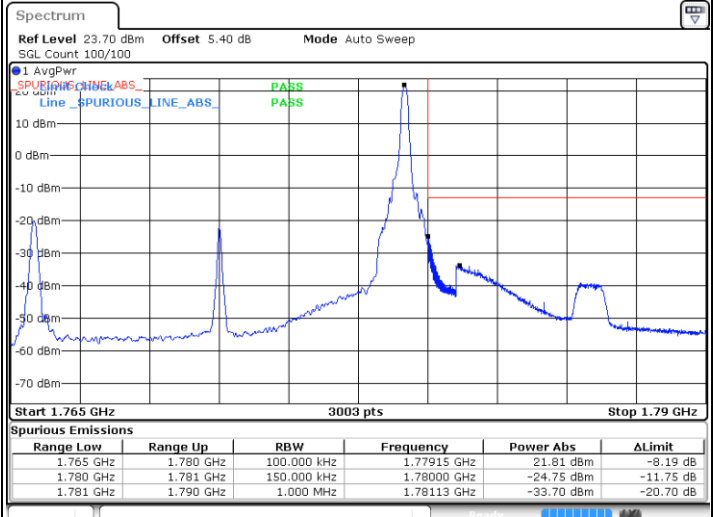


## LTE Band 66 / 15MHz / QPSK

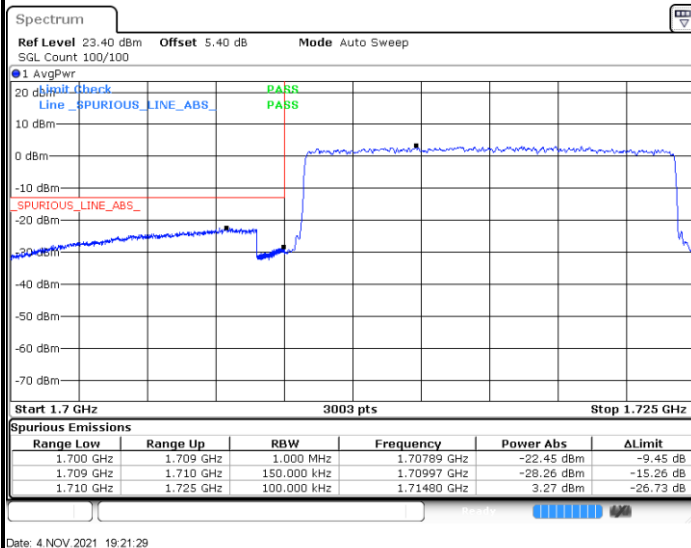
## Lowest Band Edge / 1 RB



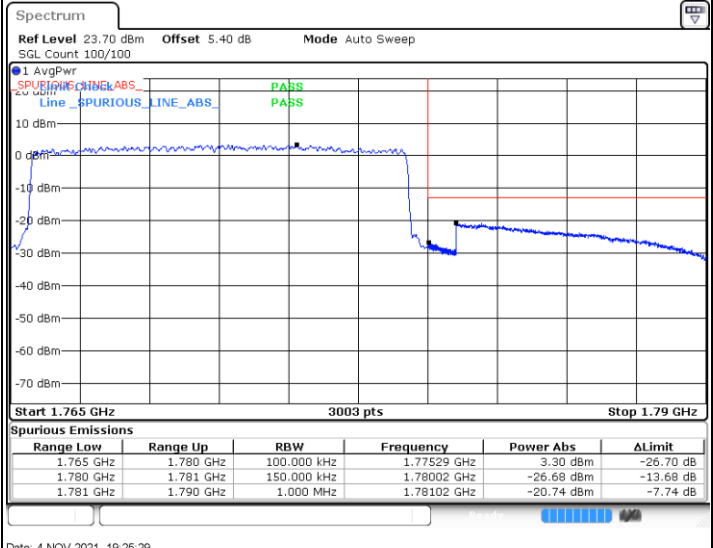
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



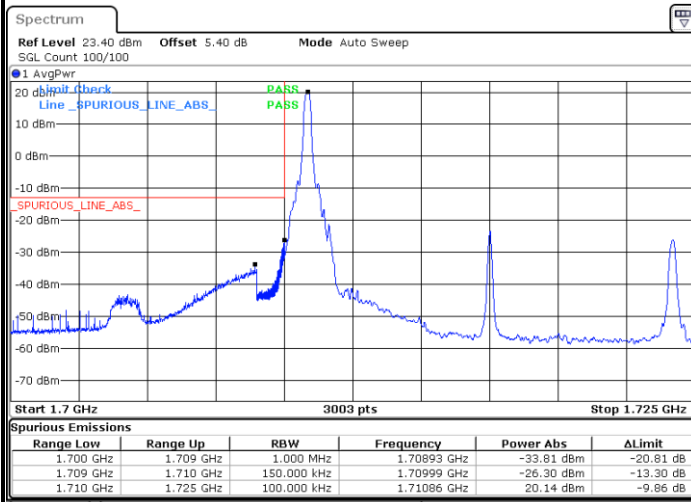
## Highest Band Edge / Full RB



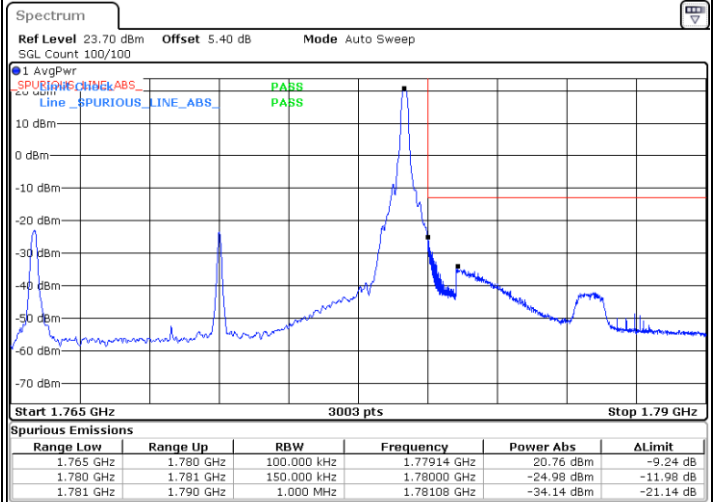


## LTE Band 66 / 15MHz / 16QAM

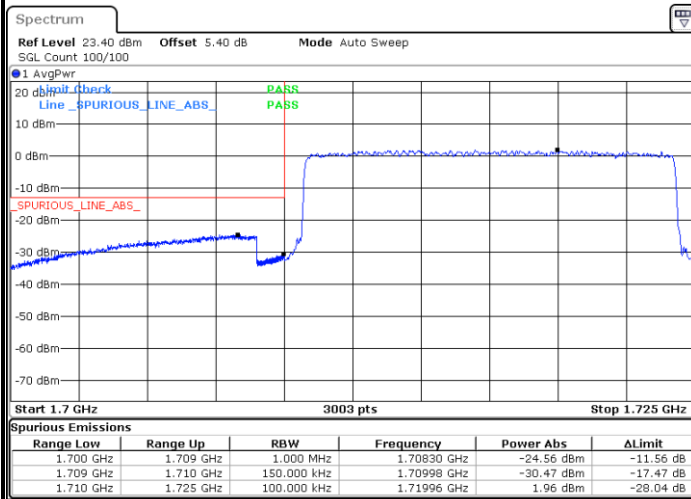
## Lowest Band Edge / 1 RB



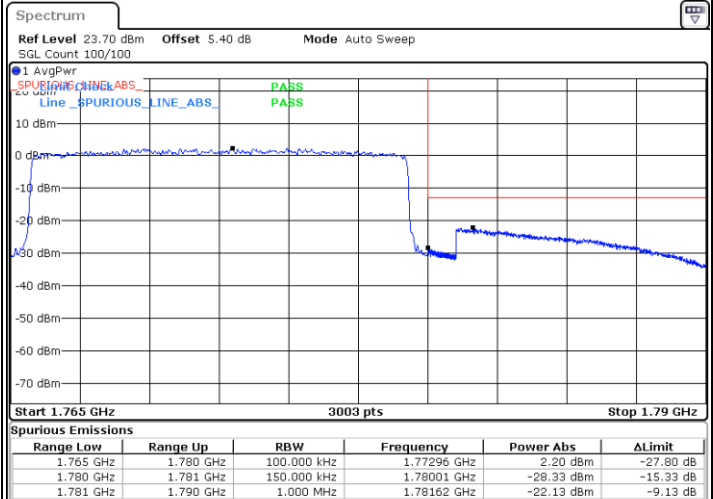
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



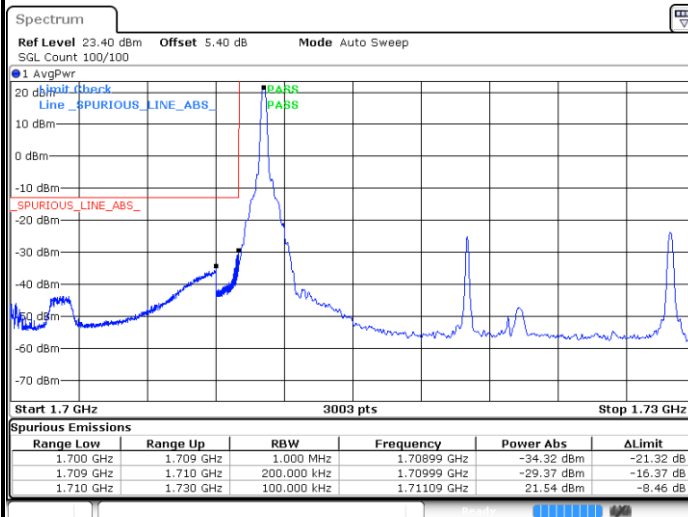
## Highest Band Edge / Full RB



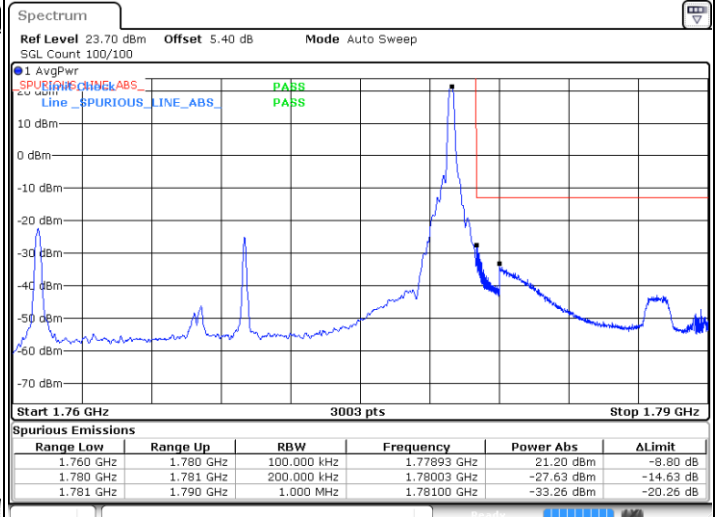


## LTE Band 66 / 20MHz / QPSK

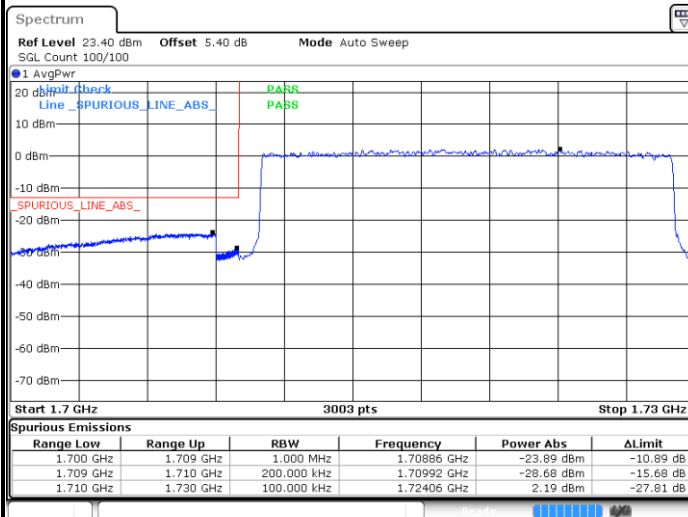
## Lowest Band Edge / 1 RB



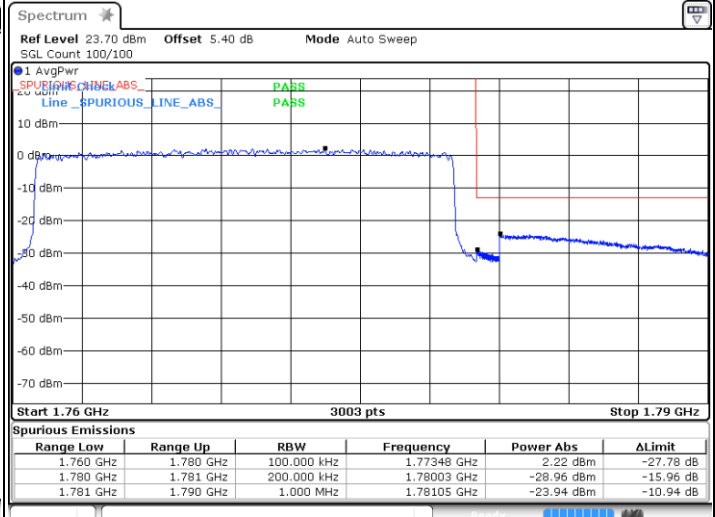
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



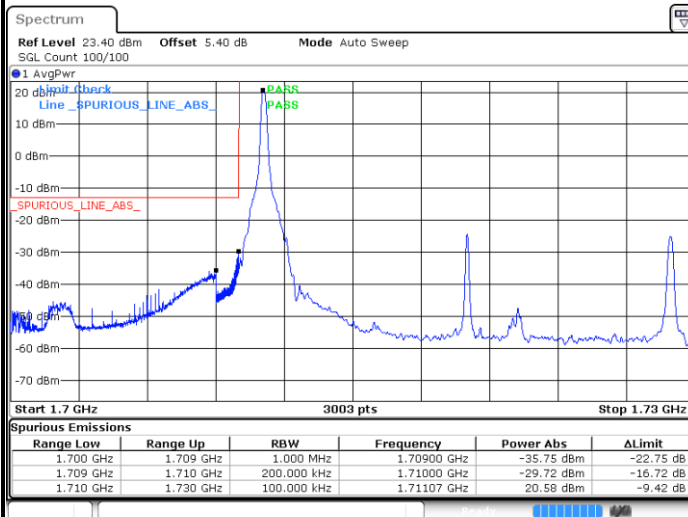
## Highest Band Edge / Full RB



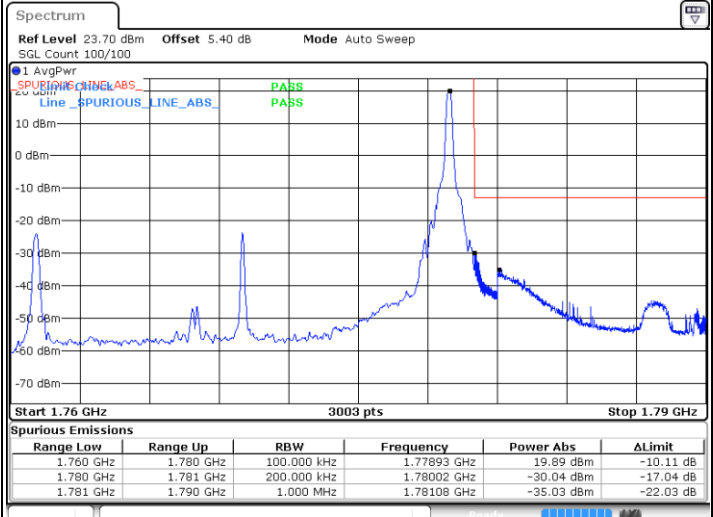


## LTE Band 66 / 20MHz / 16QAM

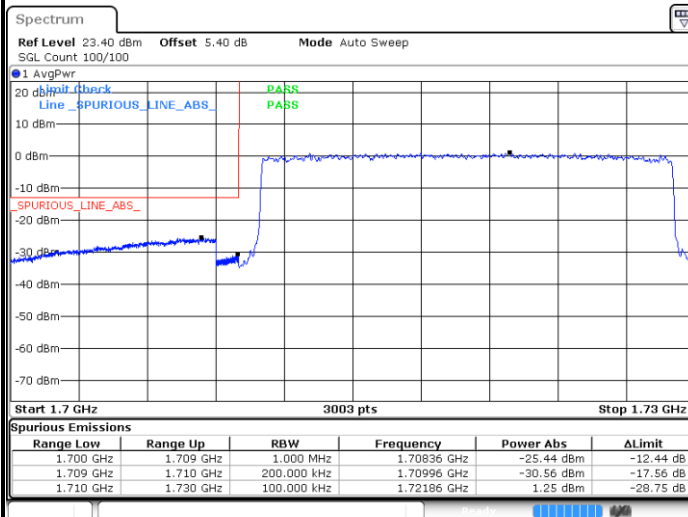
## Lowest Band Edge / 1 RB



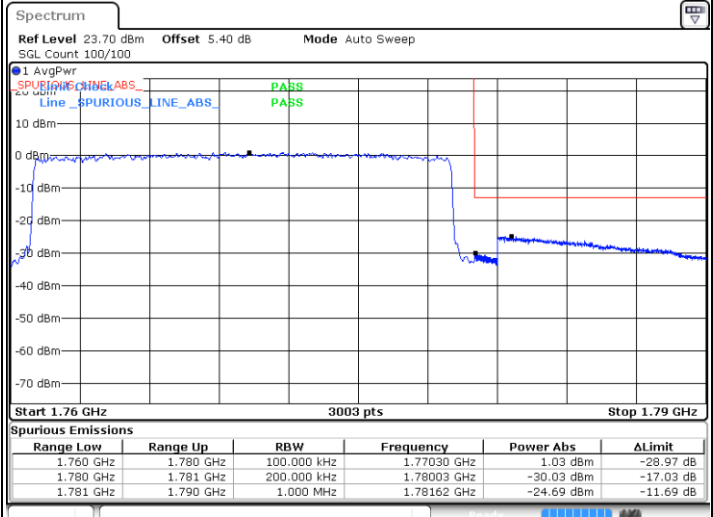
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

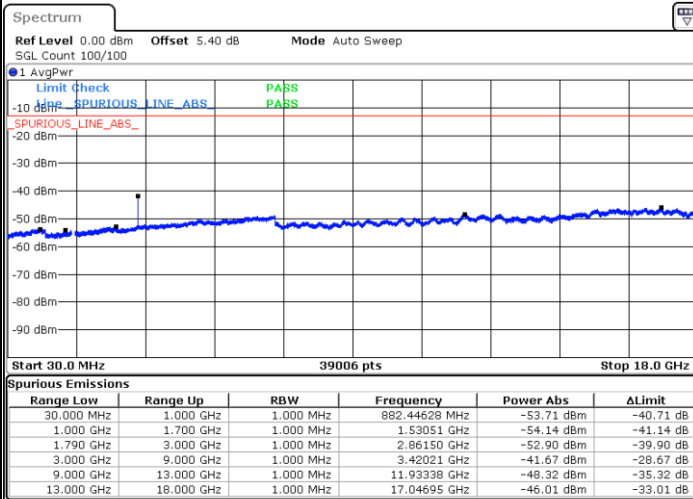




# Conducted Spurious Emission

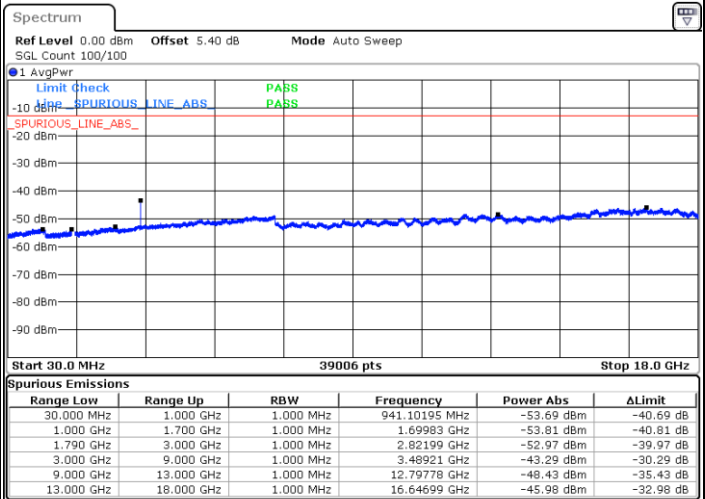
## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK



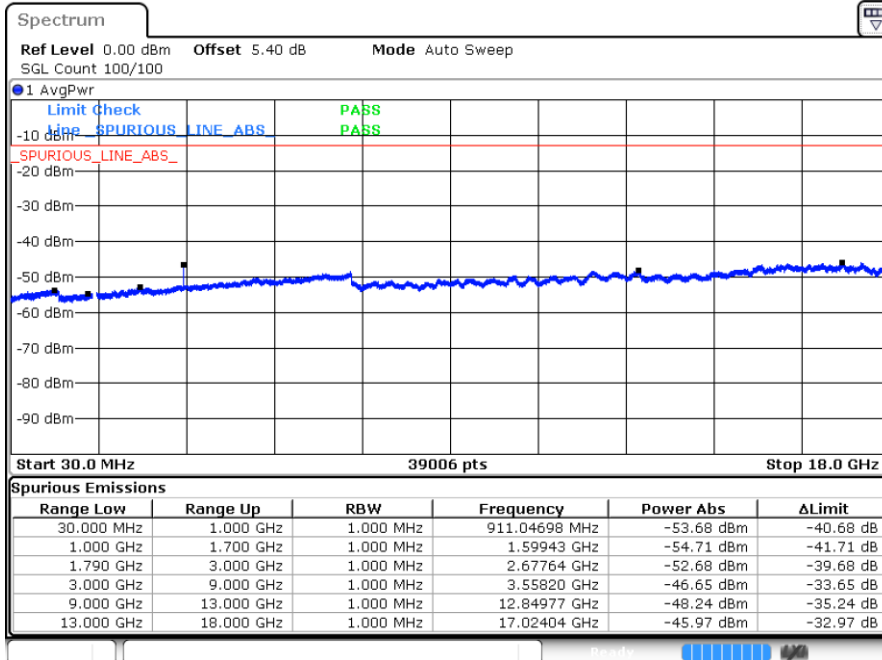
Date: 4.NOV.2021 20:05:36

### Middle Channel / QPSK



Date: 4.NOV.2021 20:04:21

### Highest Channel / QPSK

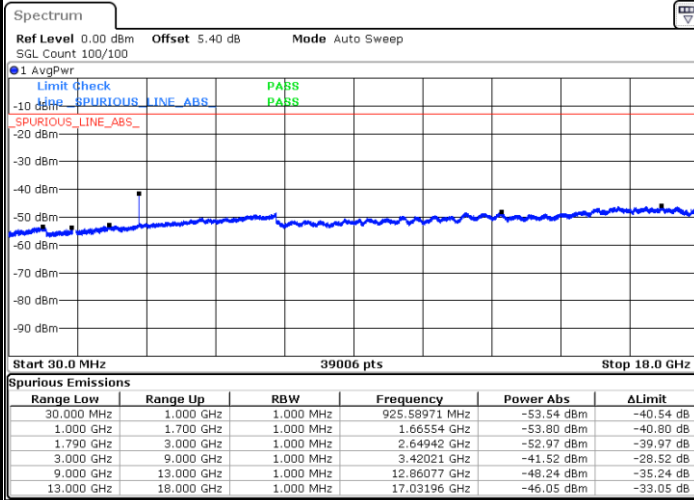


Date: 4.NOV.2021 20:13:10



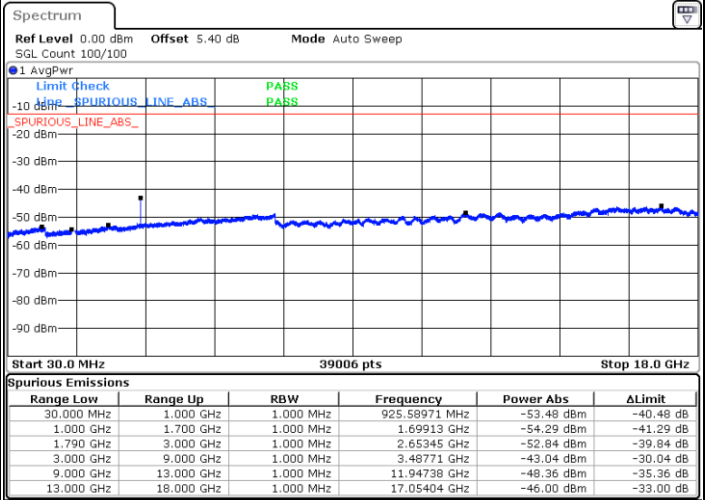
## LTE Band 66 / 3MHz

## Lowest Channel / QPSK



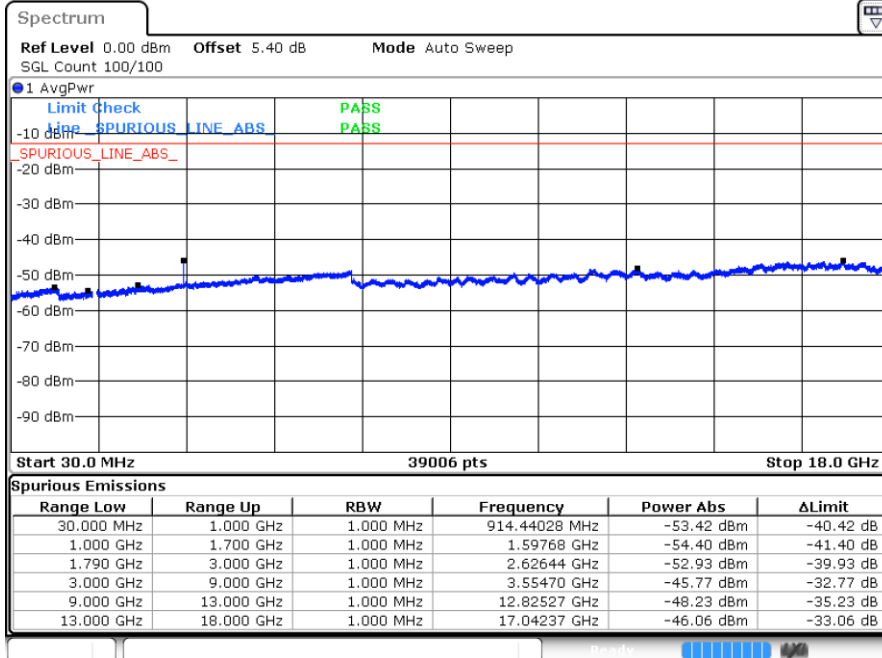
Date: 4 NOV. 2021 19:56:45

## Middle Channel / QPSK



Date: 4 NOV. 2021 19:46:54

## Highest Channel / QPSK

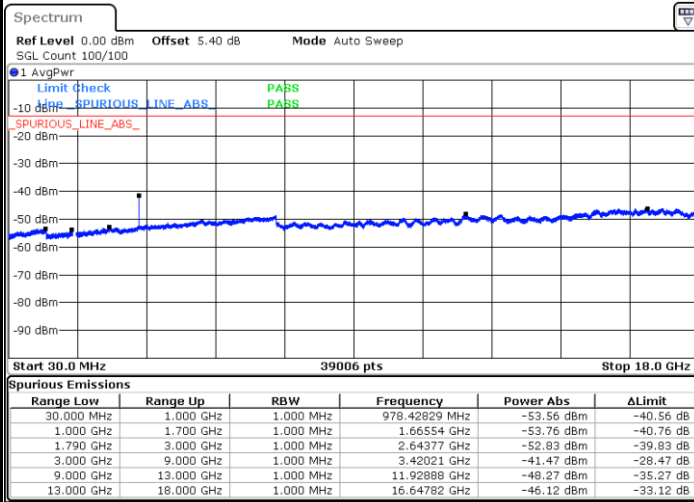


Date: 4 NOV. 2021 19:55:31



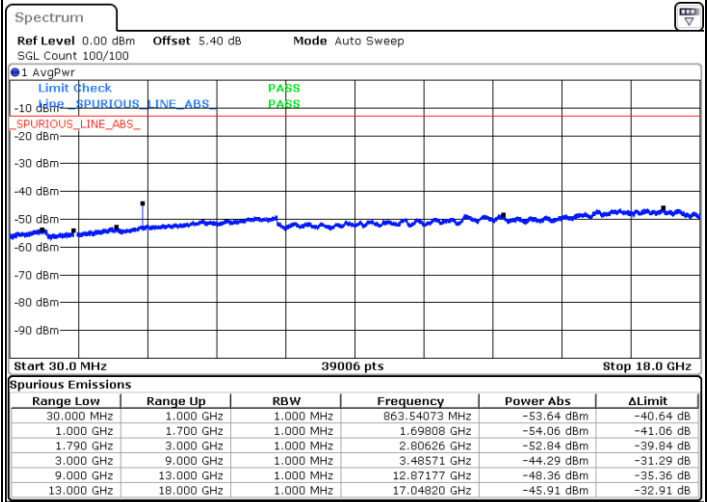
## LTE Band 66 / 5MHz

## Lowest Channel / QPSK



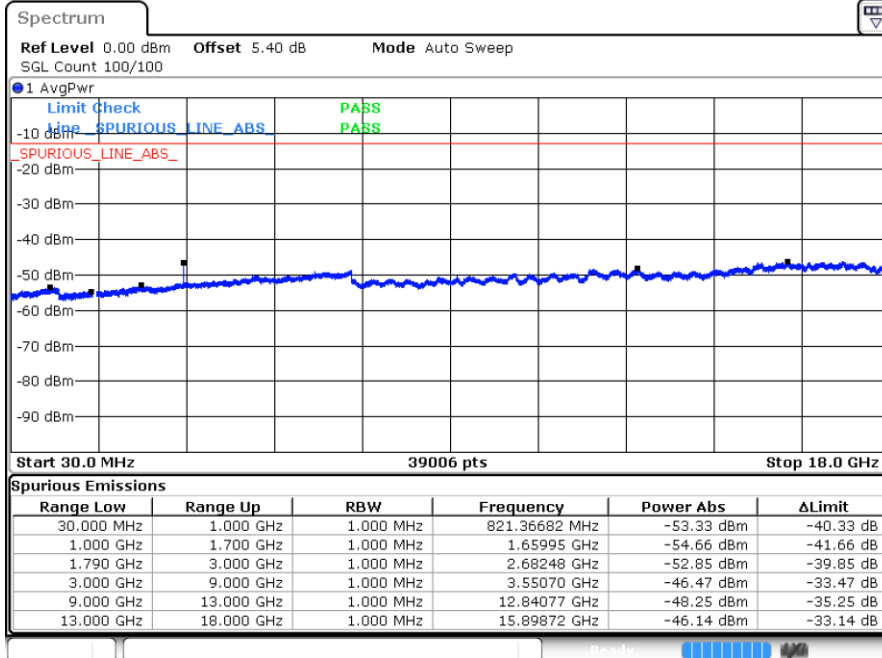
Date: 4.NOV.2021 19:38:15

## Middle Channel / QPSK



Date: 4.NOV.2021 19:36:51

## Highest Channel / QPSK

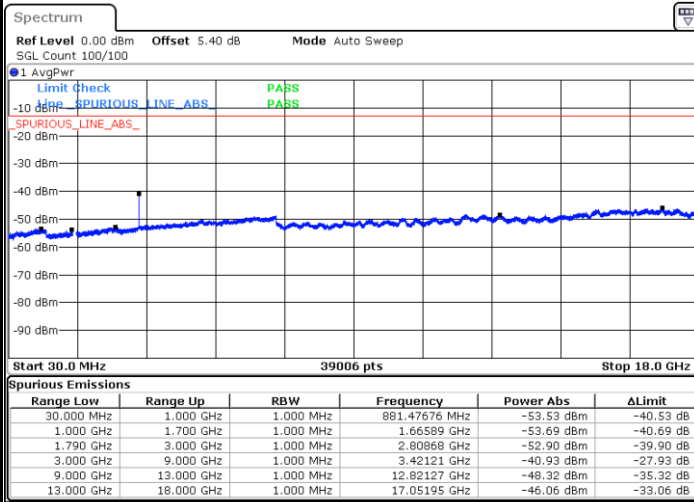


Date: 4.NOV.2021 19:41:05



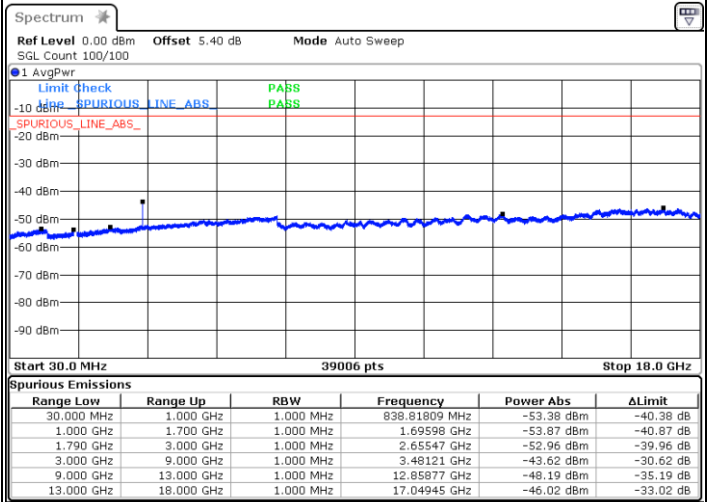
## LTE Band 66 / 10MHz

## Lowest Channel / QPSK



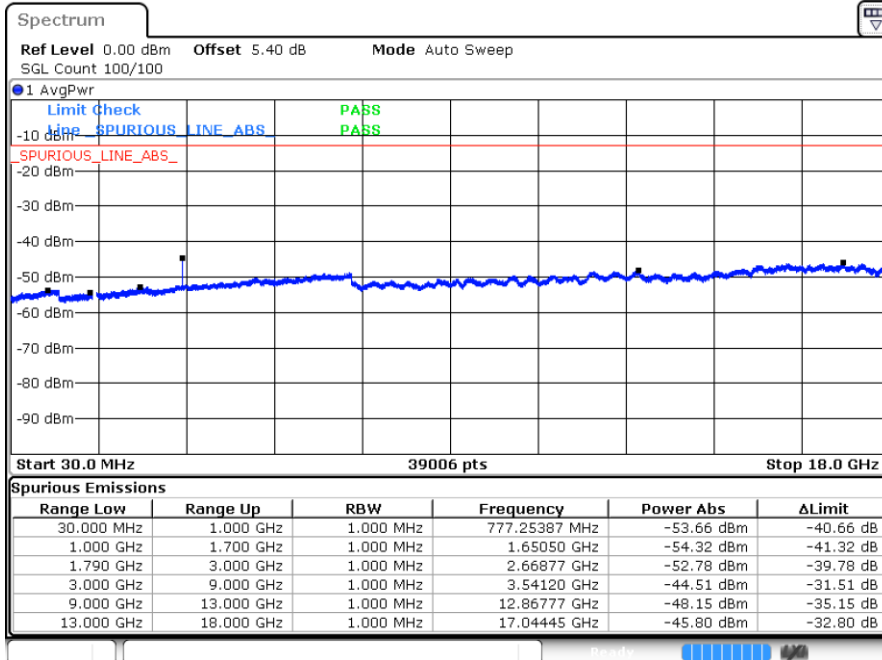
Date: 4 NOV. 2021 19:31:02

## Middle Channel / QPSK



Date: 4 NOV. 2021 19:27:43

## Highest Channel / QPSK

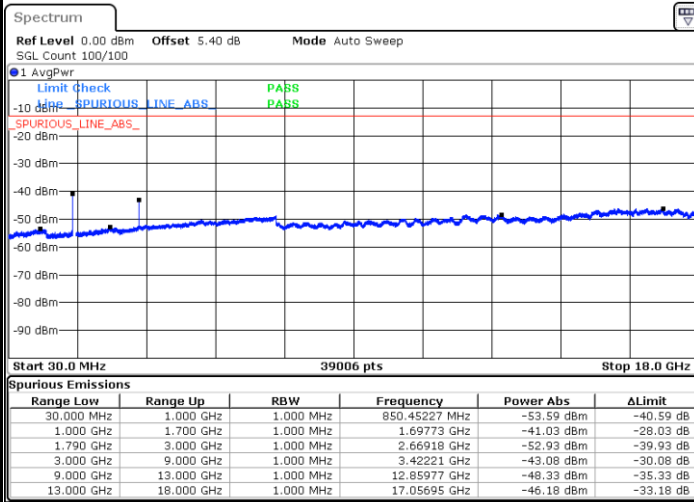


Date: 4 NOV. 2021 19:33:22



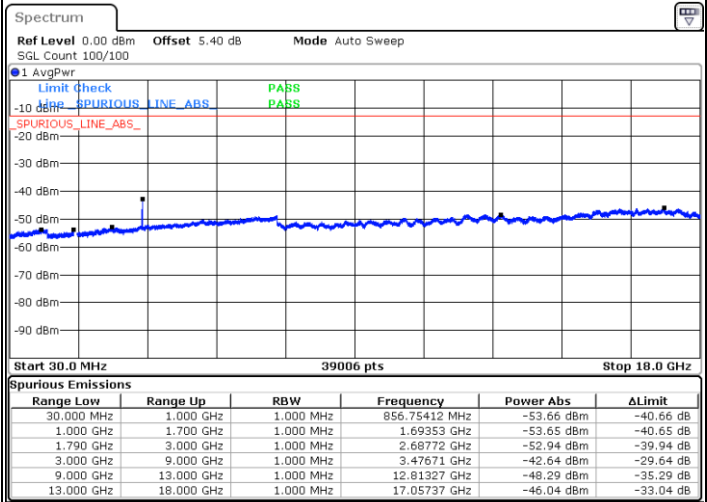
## LTE Band 66 / 15MHz

## Lowest Channel / QPSK



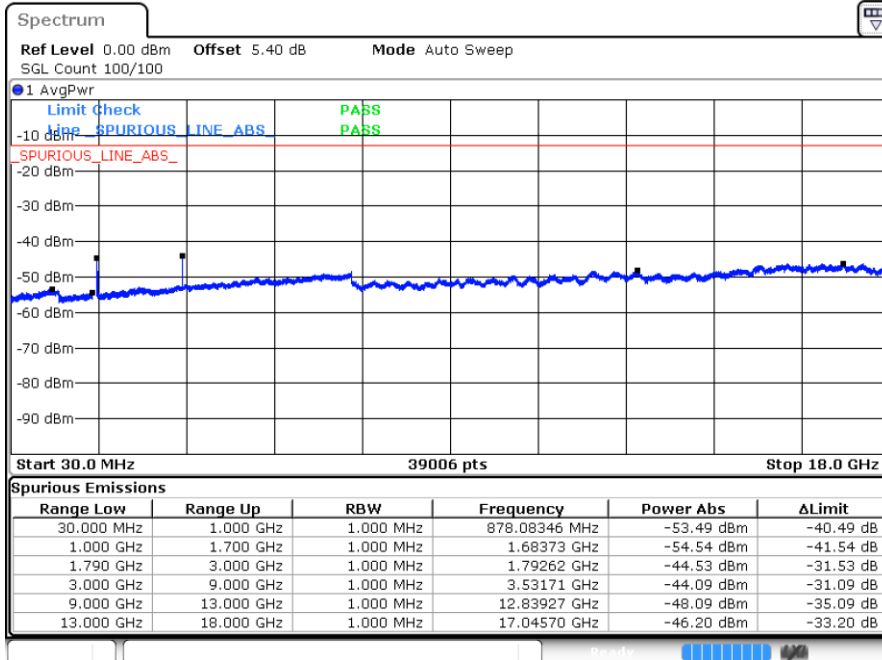
Date: 4 NOV. 2021 19:20:23

## Middle Channel / QPSK



Date: 4 NOV. 2021 19:17:53

## Highest Channel / QPSK

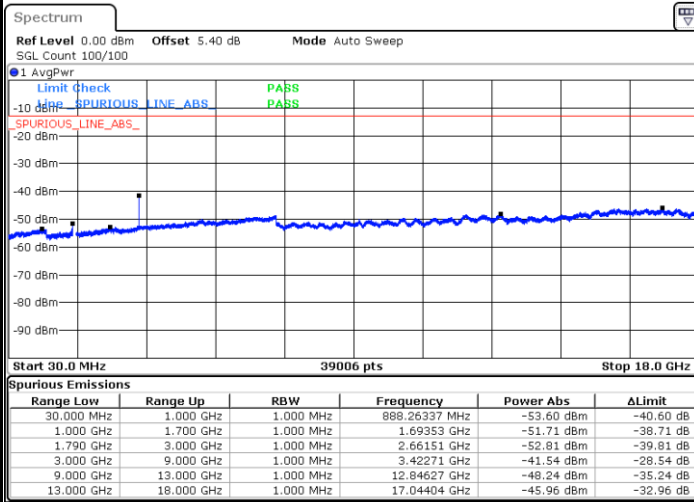


Date: 4 NOV. 2021 19:22:43



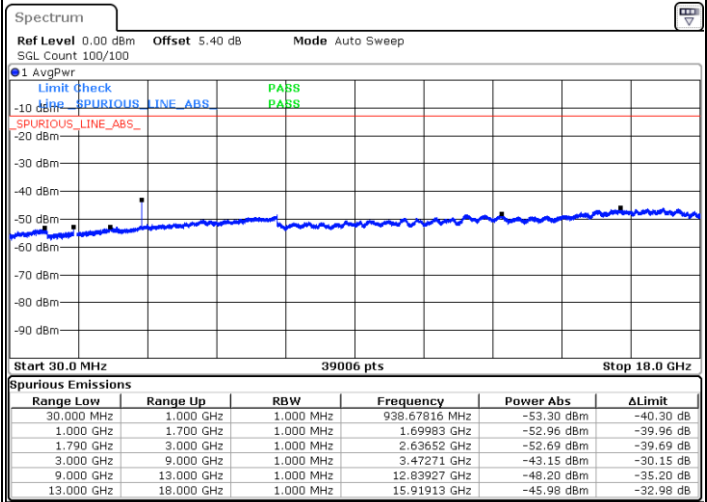
## LTE Band 66 / 20MHz

## Lowest Channel / QPSK



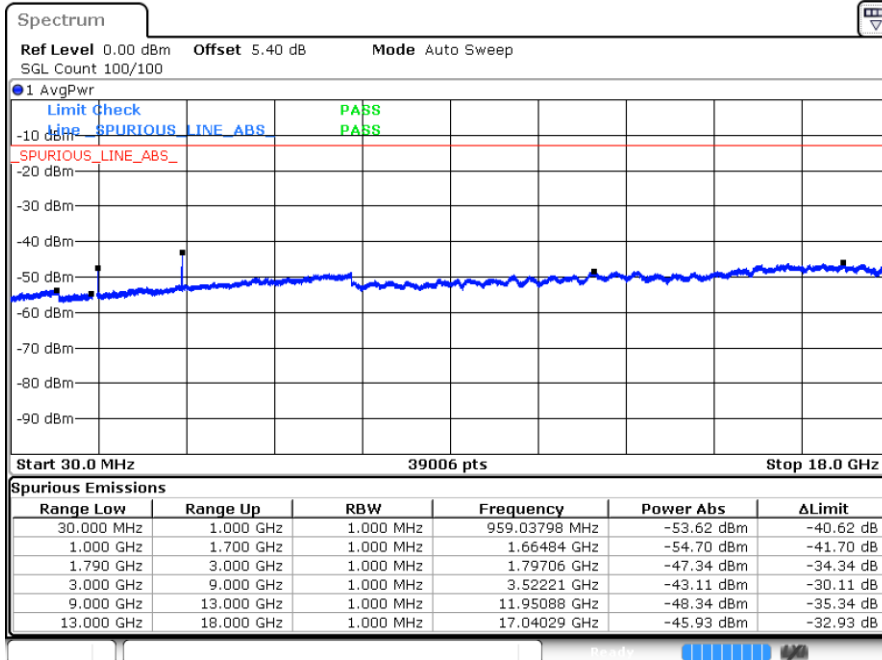
Date: 4.NOV.2021 19:09:38

## Middle Channel / QPSK



Date: 4.NOV.2021 19:08:05

## Highest Channel / QPSK



Date: 4.NOV.2021 19:14:53

**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  | 0.0005                              | PASS    |
| 40               | Normal Voltage  | 0.0003                              |         |
| 30               | Normal Voltage  | 0.0009                              |         |
| 20(Ref.)         | Normal Voltage  | 0.0000                              |         |
| 10               | Normal Voltage  | 0.0010                              |         |
| 0                | Normal Voltage  | 0.0006                              |         |
| -10              | Normal Voltage  | 0.0003                              |         |
| -20              | Normal Voltage  | 0.0013                              |         |
| -30              | Normal Voltage  | 0.0001                              |         |
| 20               | Maximum Voltage | 0.0011                              |         |
| 20               | Normal Voltage  | 0.0002                              |         |
| 20               | End Point       | 0.0004                              |         |

**Note:**

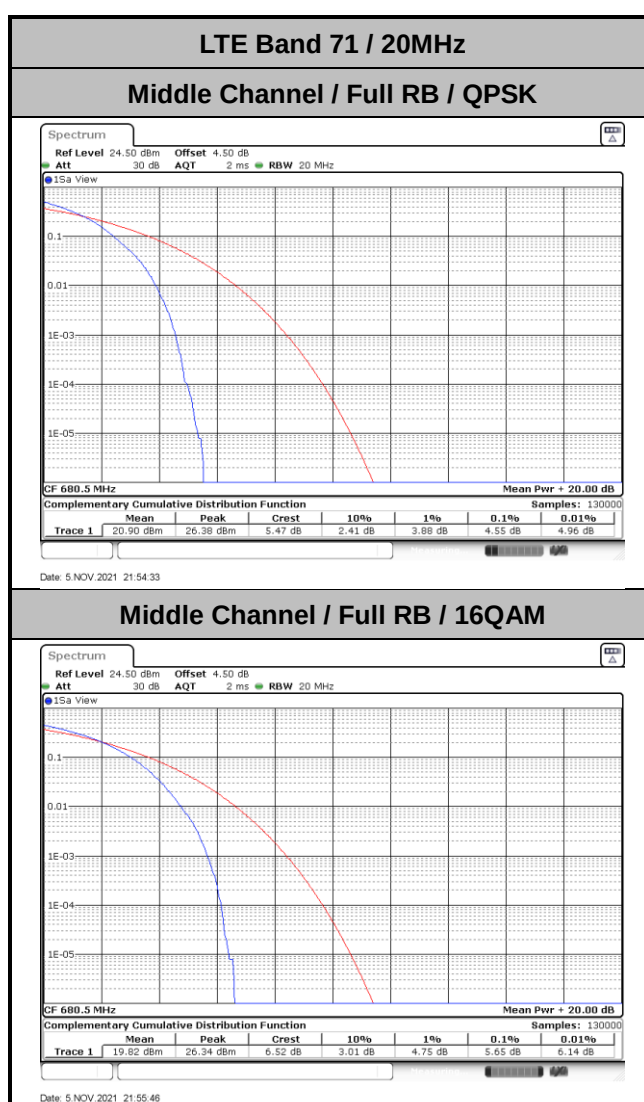
1. Normal Voltage =13 V. ; End Point (BEP) =12 V. ; Maximum Voltage =20 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## 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                | 5.65    | PASS        |



**26dB Bandwidth**

| Mode      | LTE Band 71 : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 20MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 19.94                      | 19.86 |

