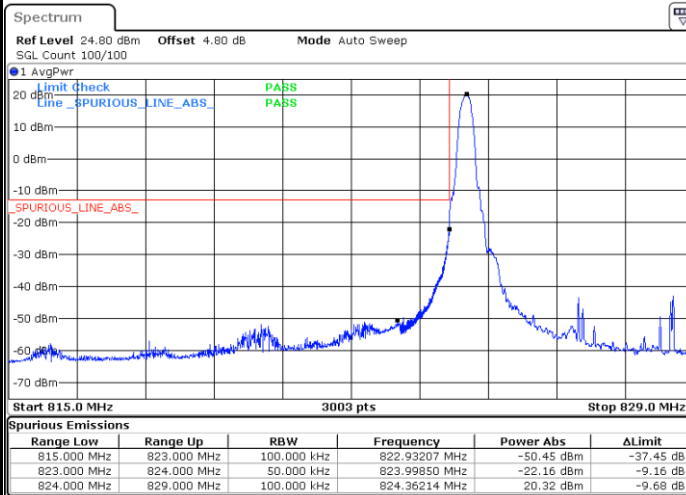


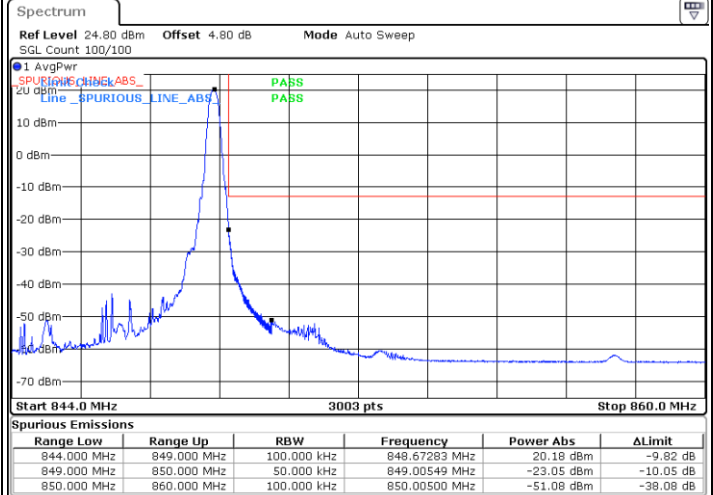


## LTE Band 26 / 5MHz / 16QAM

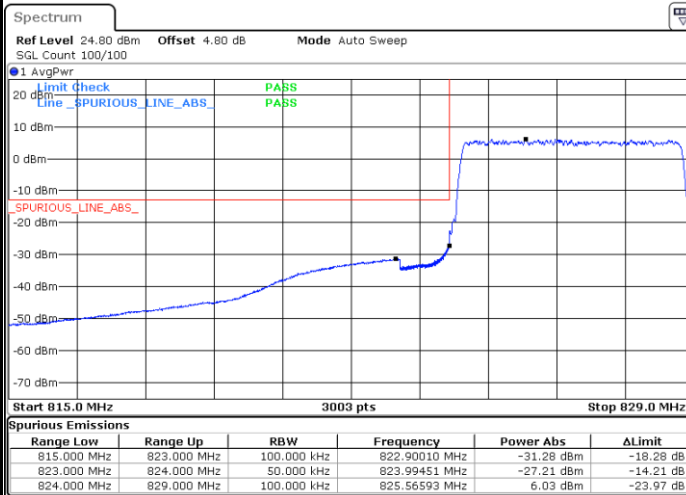
## Lowest Band Edge / 1RB



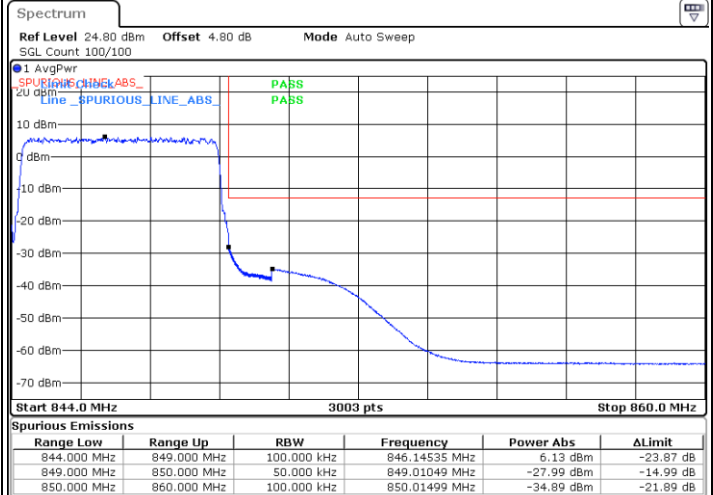
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



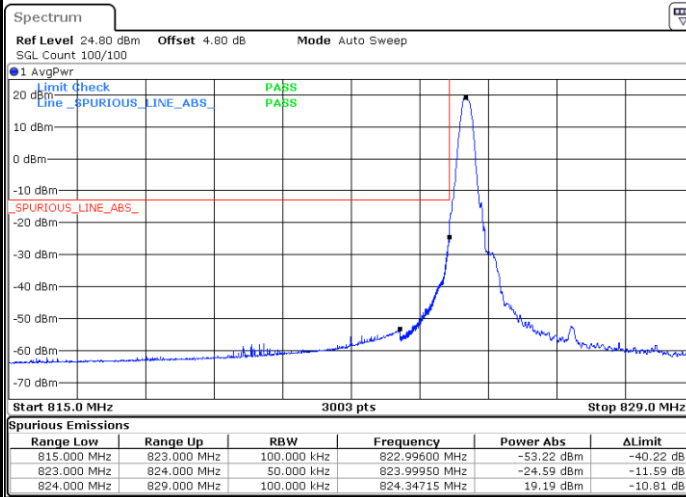
## Highest Band Edge / Full RB



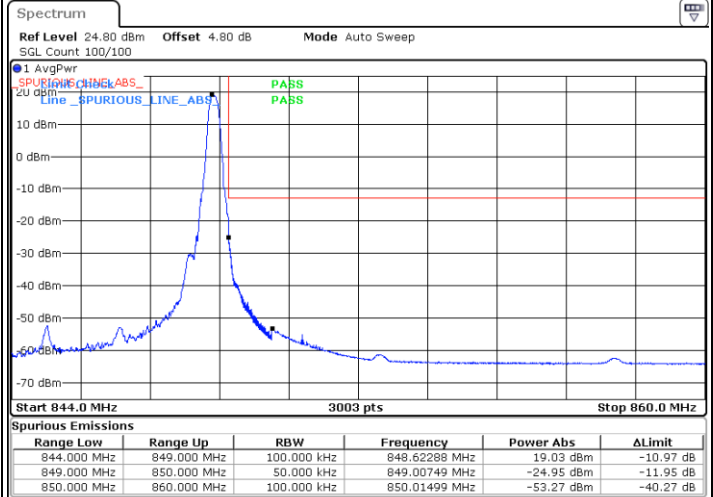


## LTE Band 26 / 5MHz / 64QAM

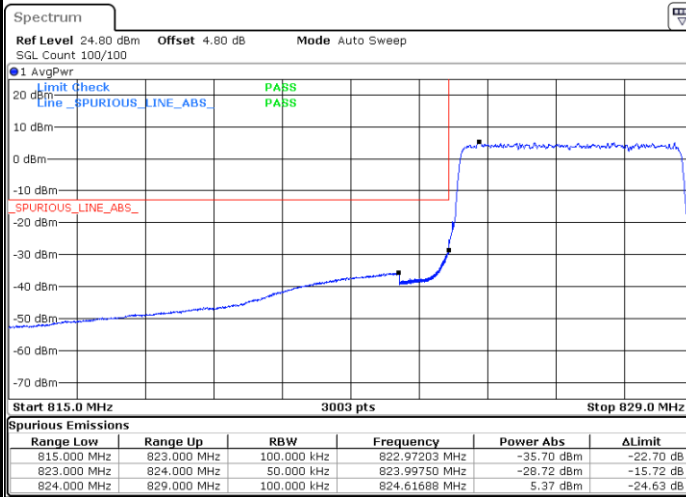
## Lowest Band Edge / 1RB



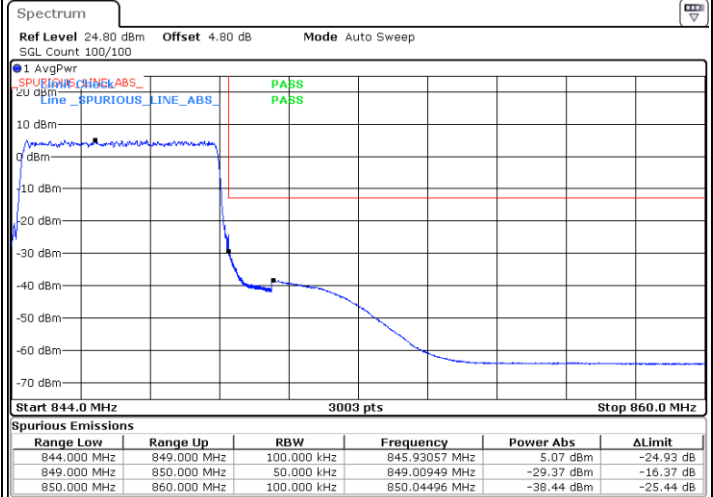
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



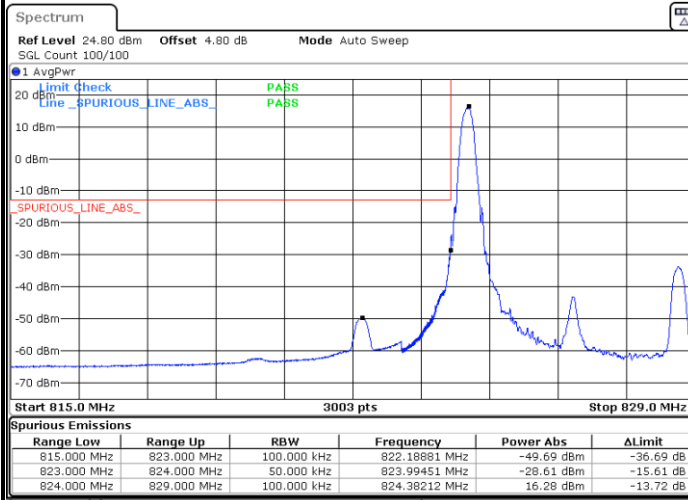
## Highest Band Edge / Full RB



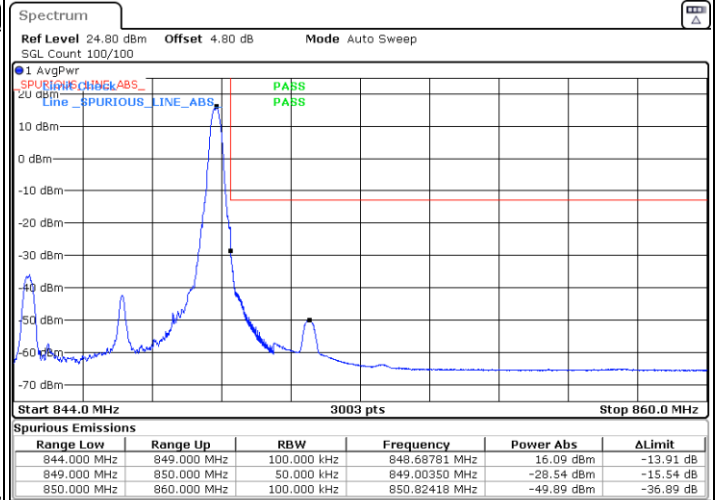


## LTE Band 26 / 5MHz / 256QAM

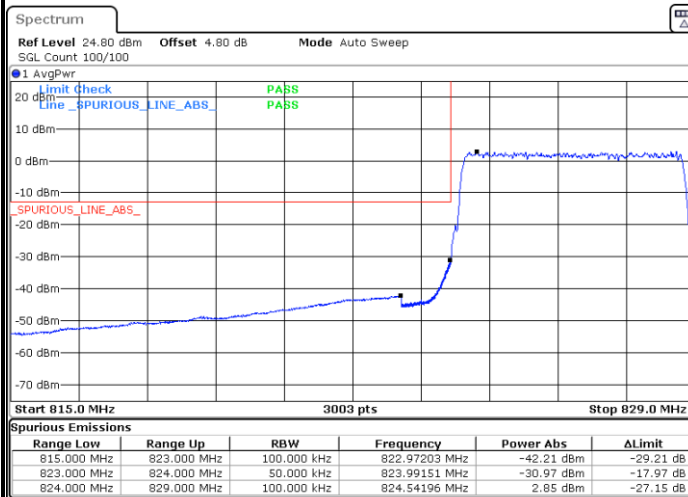
## Lowest Band Edge / 1RB



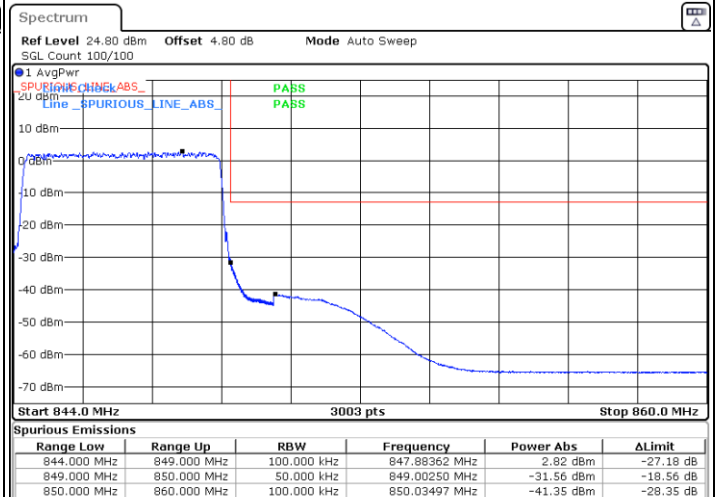
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



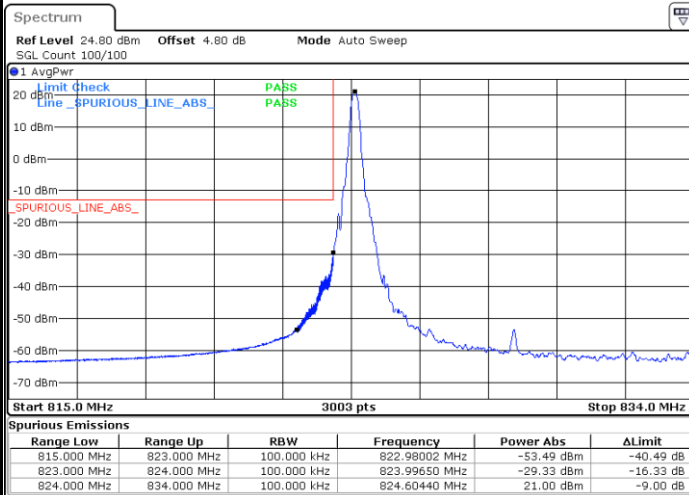
## Highest Band Edge / Full RB



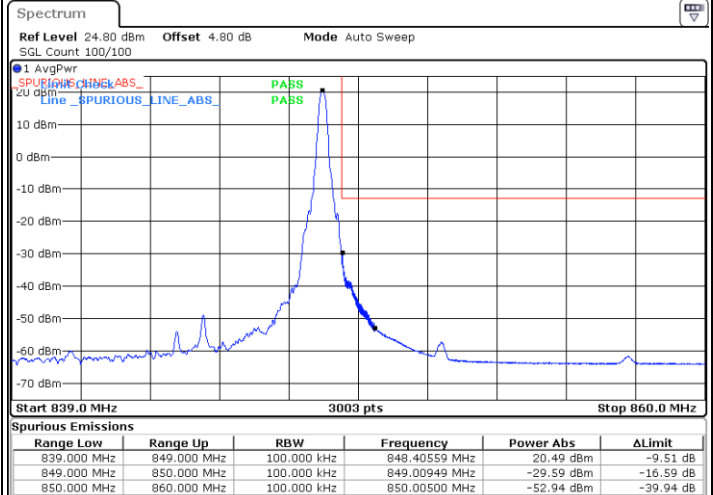


## LTE Band 26 / 10MHz / QPSK

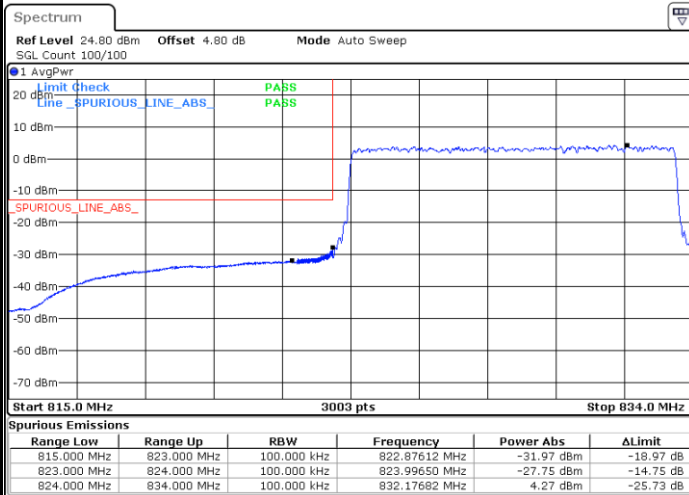
## Lowest Band Edge / 1 RB



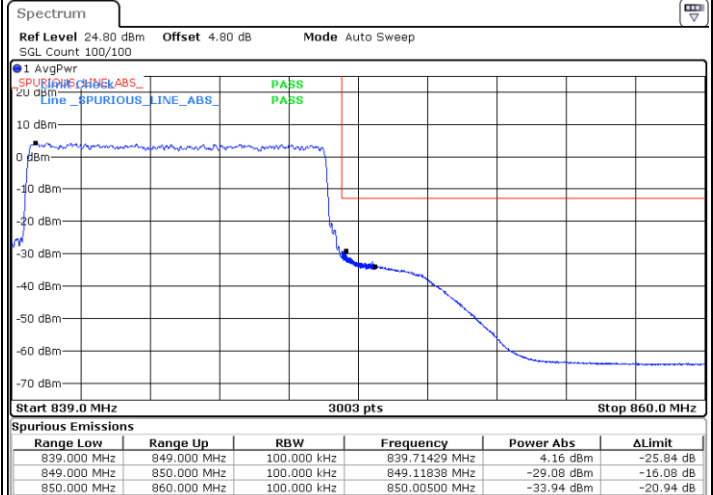
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



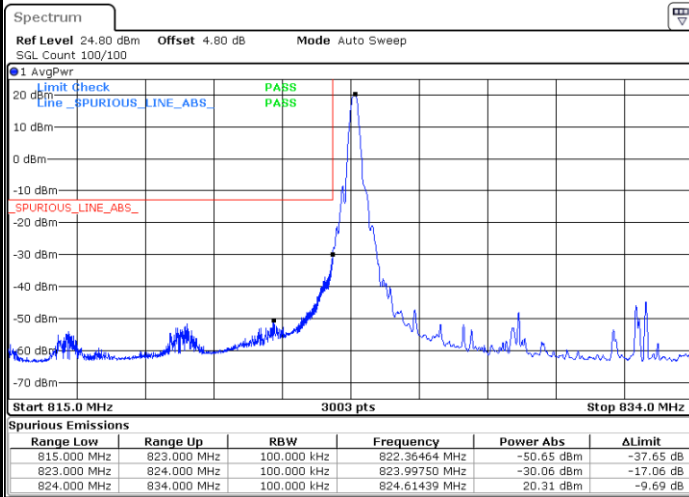
## Highest Band Edge / Full RB



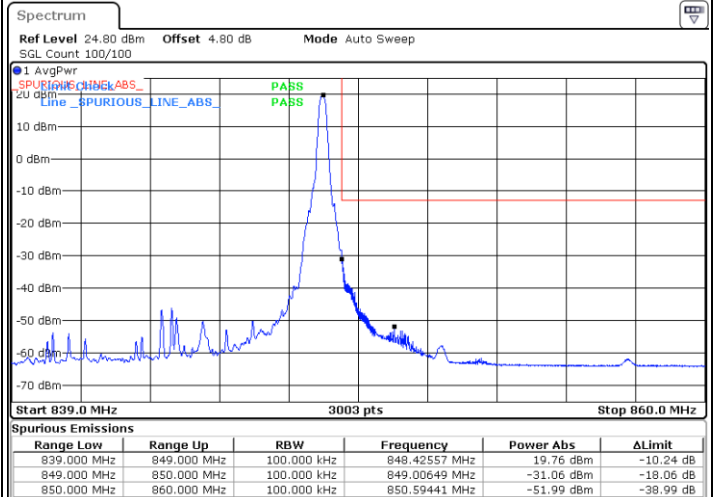


## LTE Band 26 / 10MHz / 16QAM

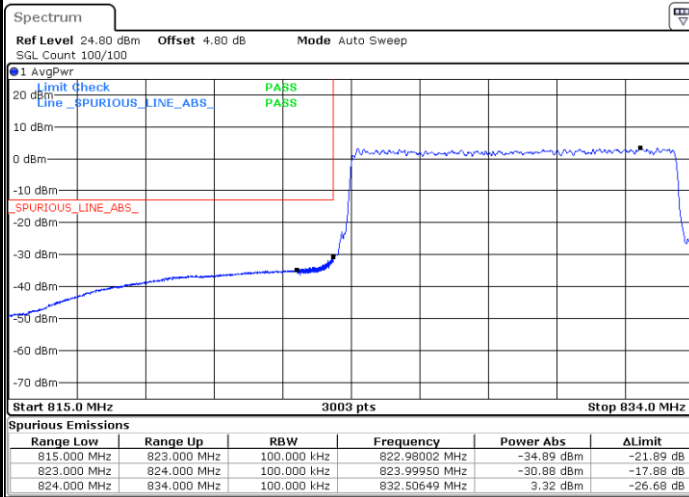
## Lowest Band Edge / 1 RB



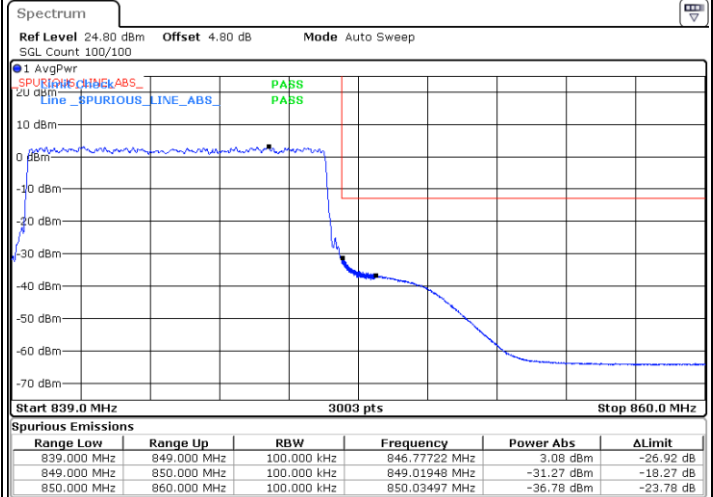
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



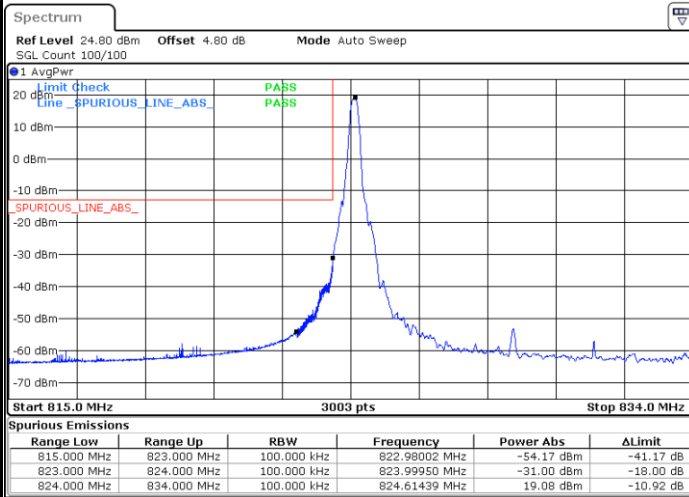
## Highest Band Edge / Full RB



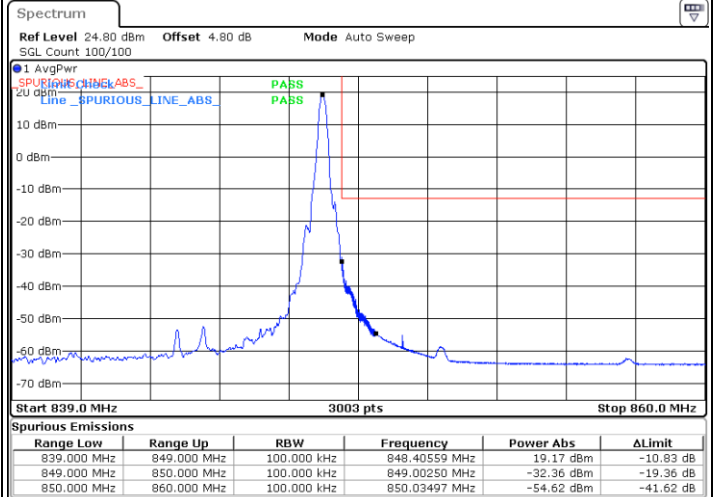


## LTE Band 26 / 10MHz / 64QAM

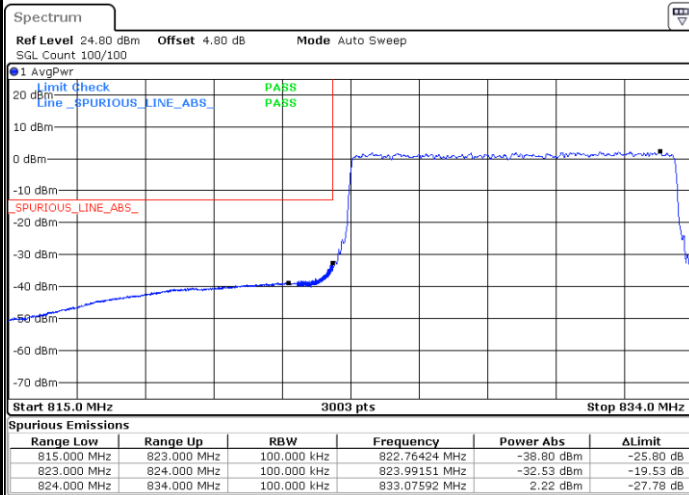
## Lowest Band Edge / 1 RB



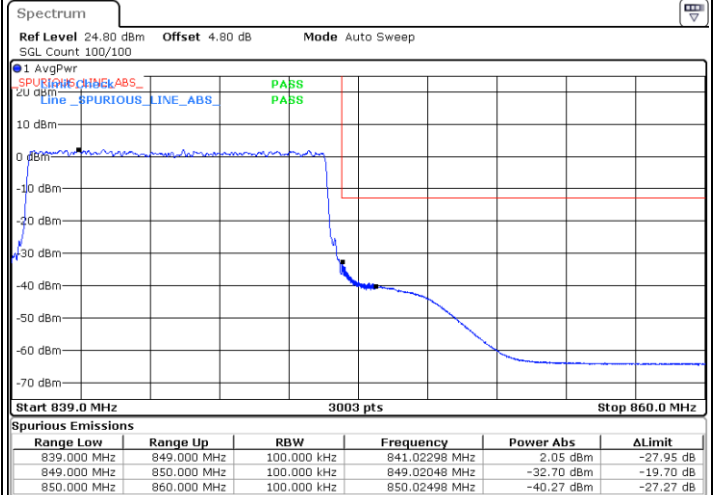
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



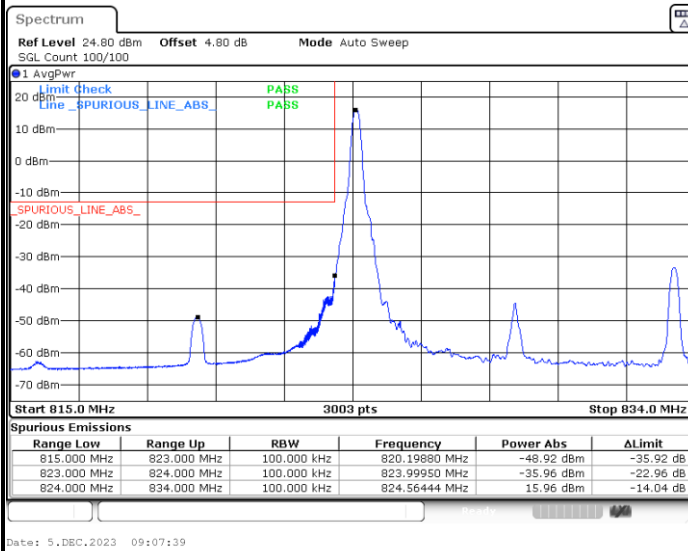
## Highest Band Edge / Full RB



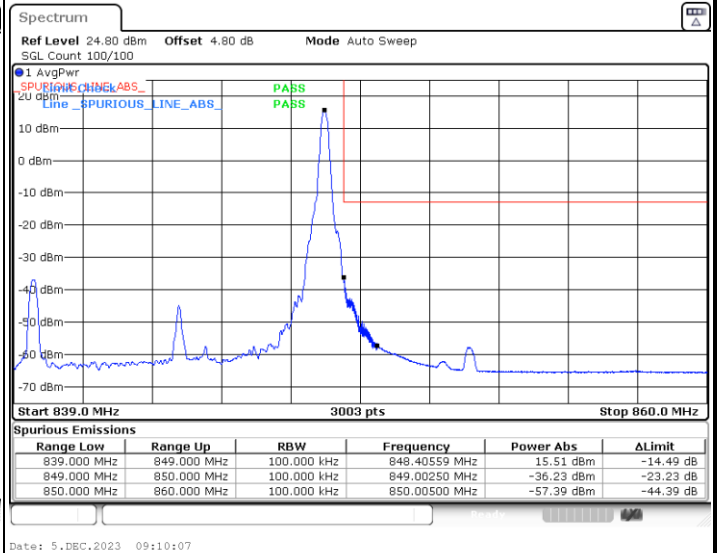


## LTE Band 26 / 10MHz / 256QAM

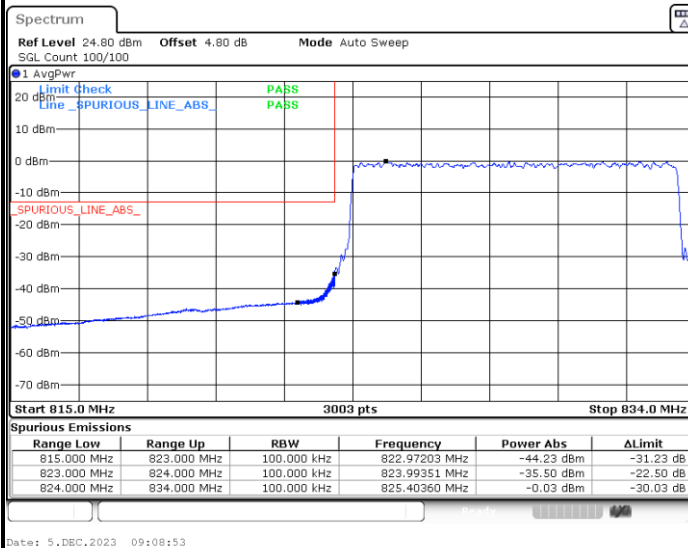
## Lowest Band Edge / 1 RB



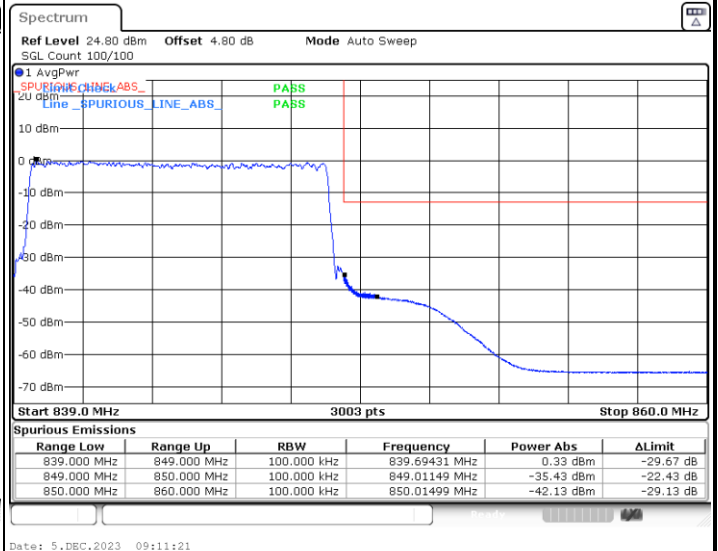
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



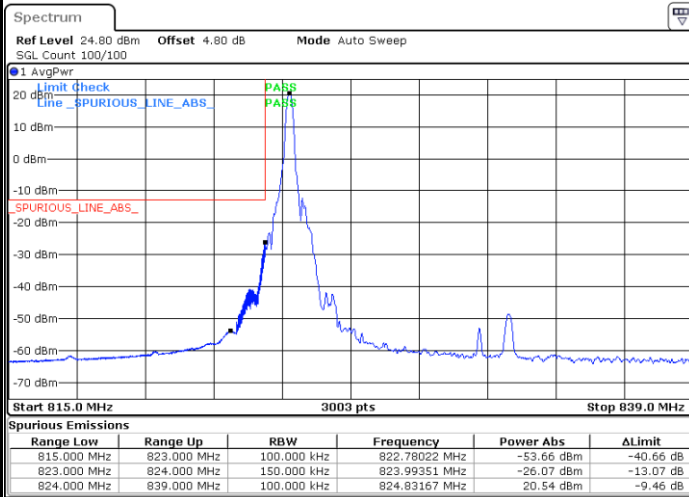
## Highest Band Edge / Full RB



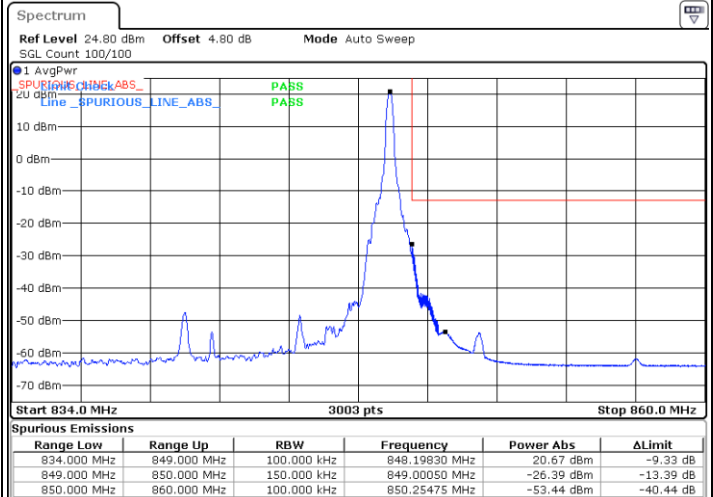


## LTE Band 26 / 15MHz / QPSK

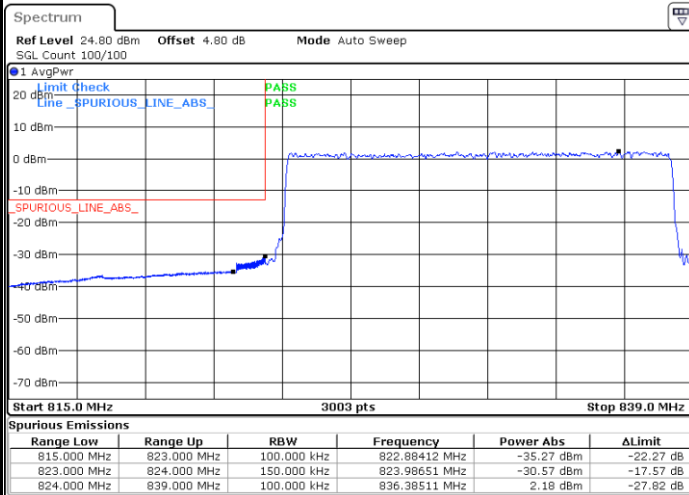
## Lowest Band Edge / 1 RB



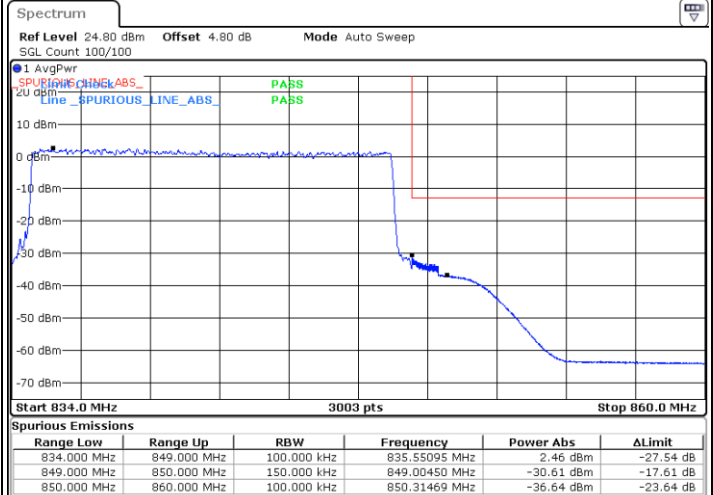
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



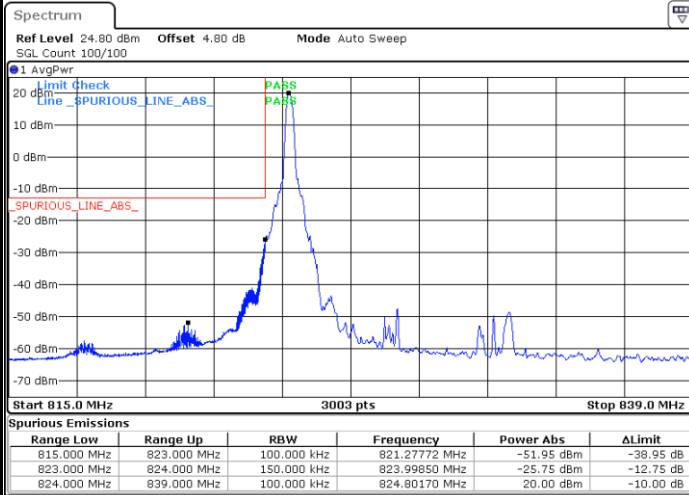
## Highest Band Edge / Full RB



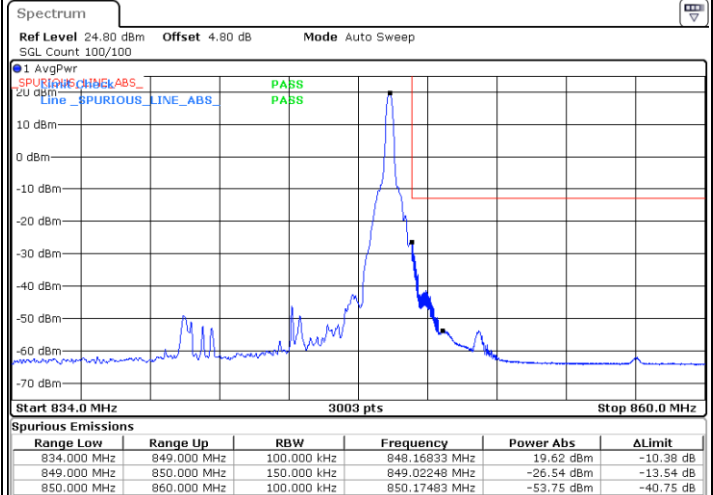


## LTE Band 26 / 15MHz / 16QAM

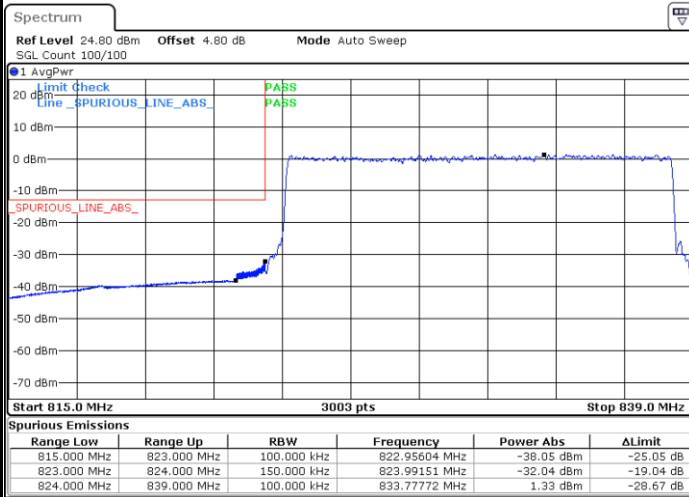
## Lowest Band Edge / 1 RB



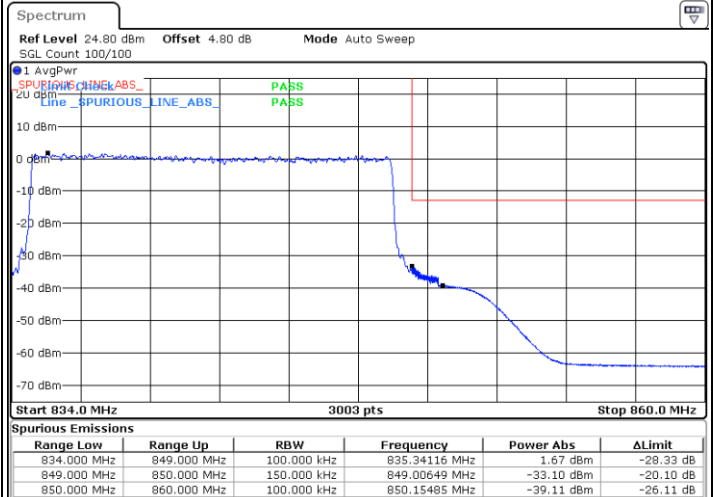
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



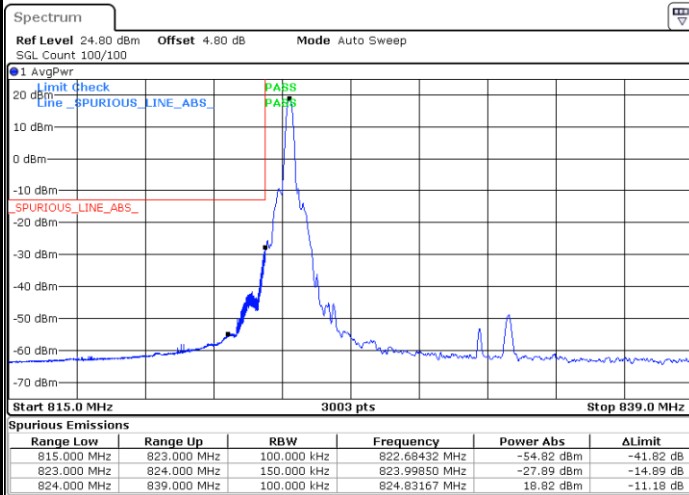
## Highest Band Edge / Full RB



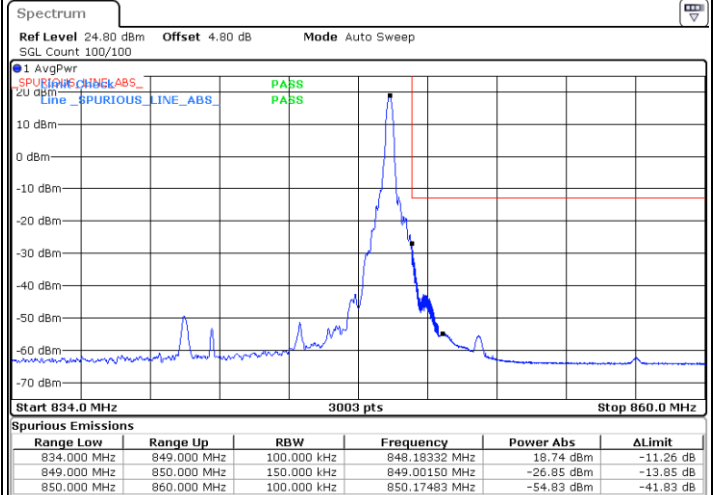


## LTE Band 26 / 15MHz / 64QAM

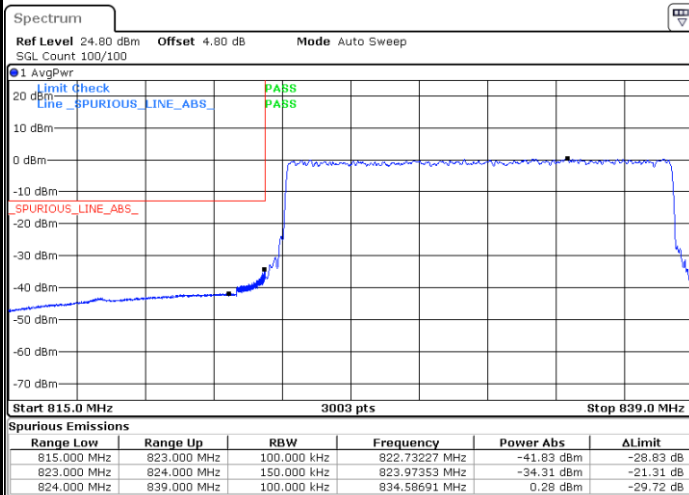
## Lowest Band Edge / 1 RB



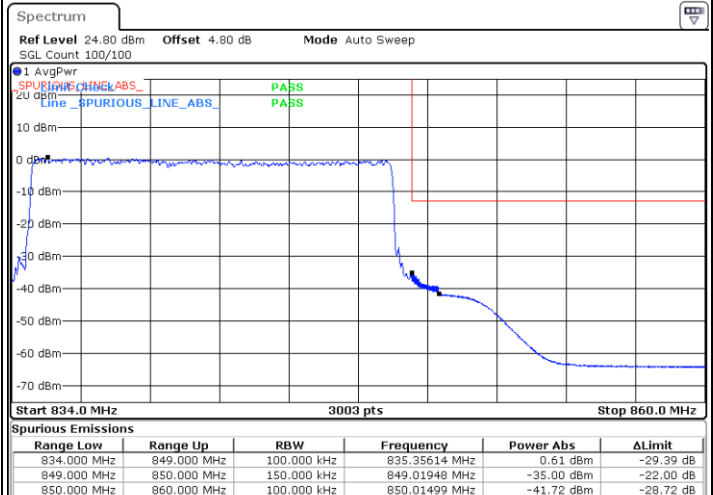
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



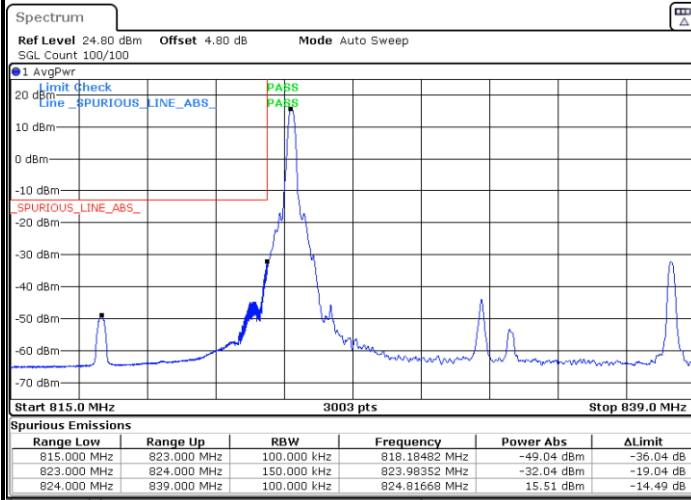
## Highest Band Edge / Full RB



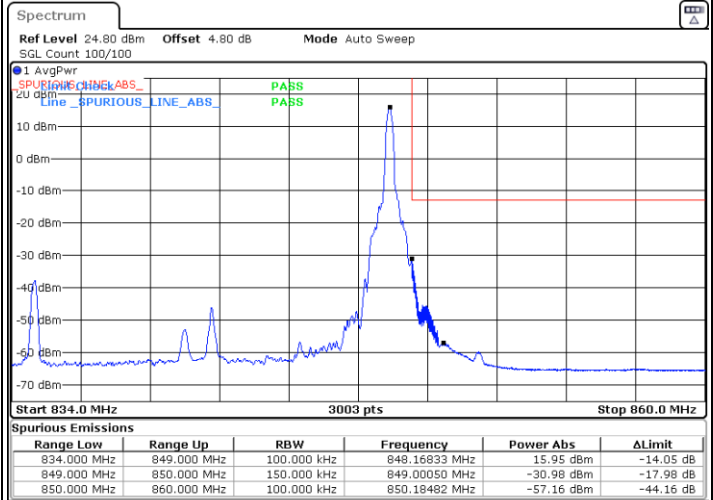


## LTE Band 26 / 15MHz / 256QAM

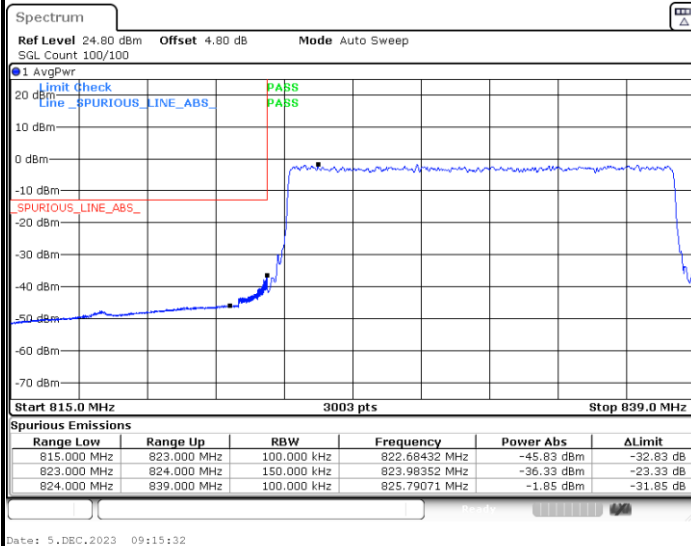
## Lowest Band Edge / 1 RB



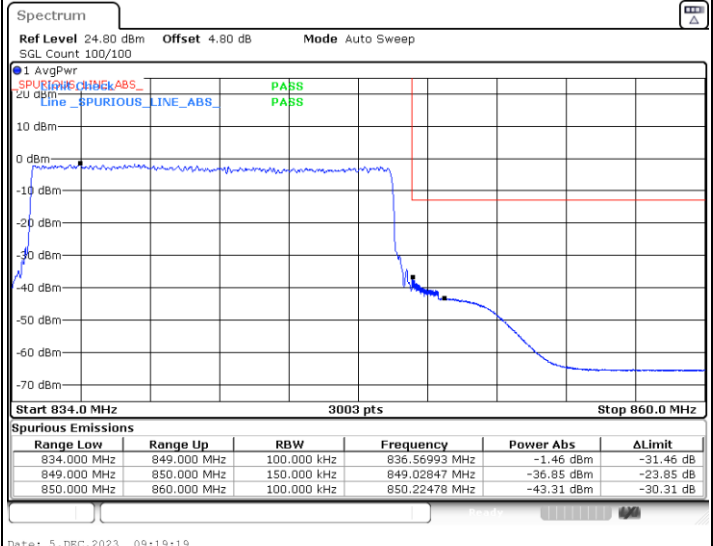
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

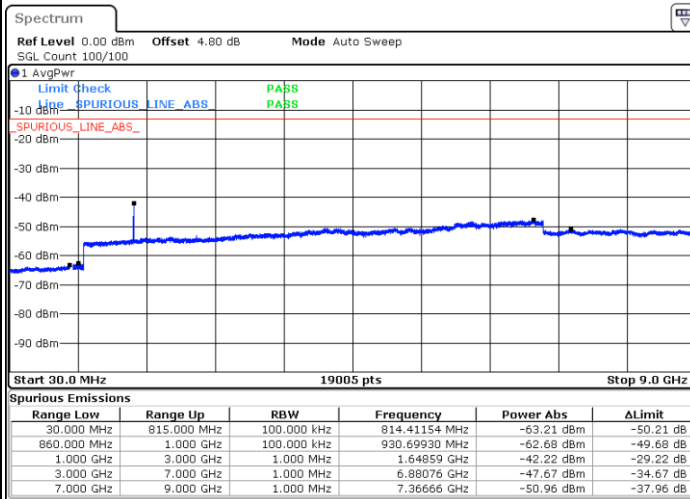




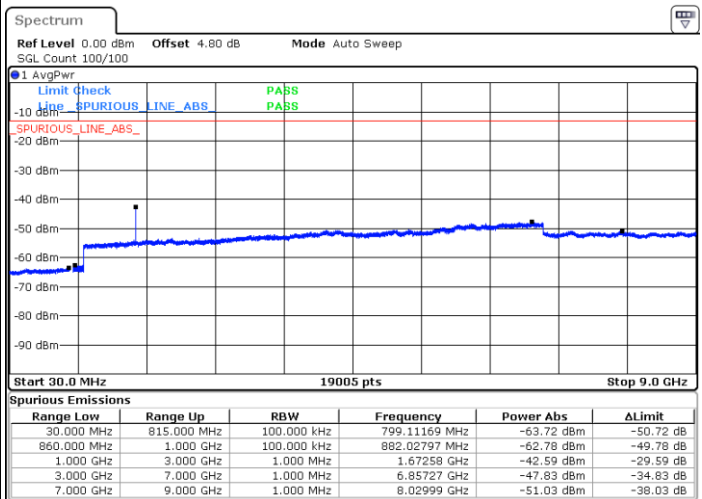
## Conducted Spurious Emission

### LTE Band 26 / 1.4MHz

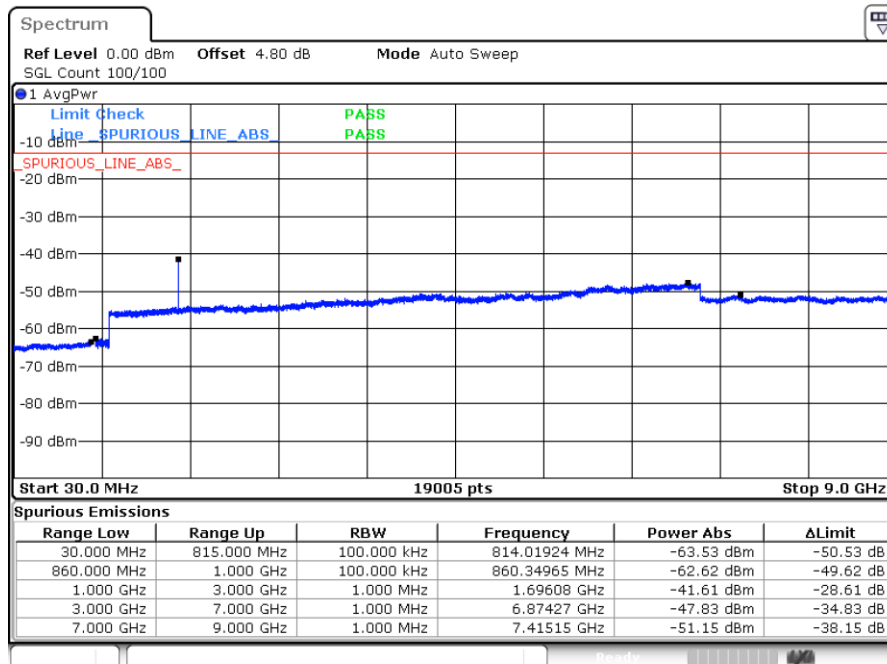
#### Lowest Channel / QPSK



#### Middle Channel / QPSK



#### Highest Channel / QPSK

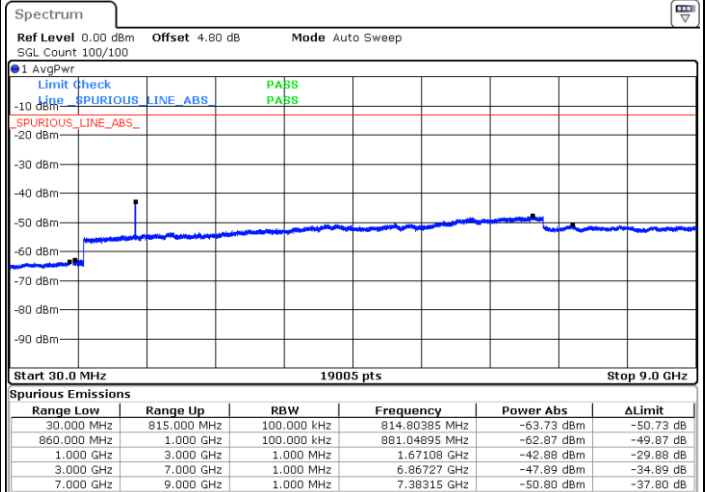
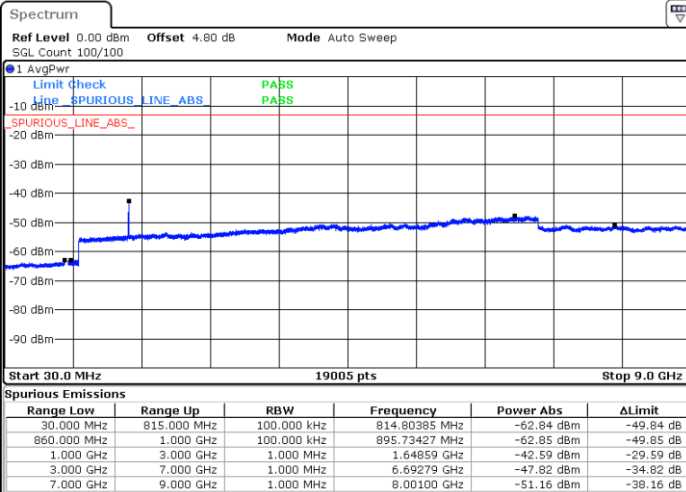




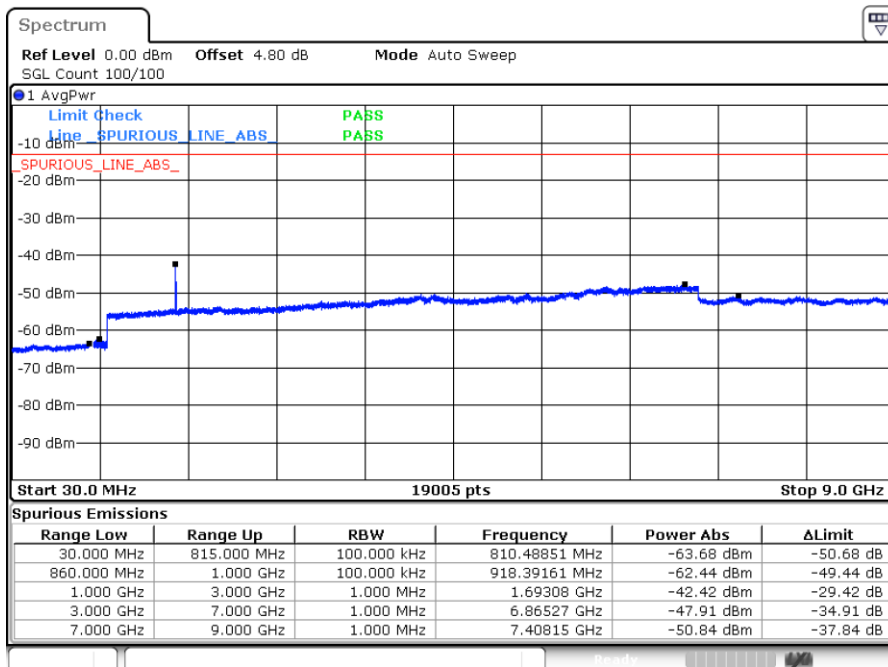
## LTE Band 26 / 3MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK



## Highest Channel / QPSK

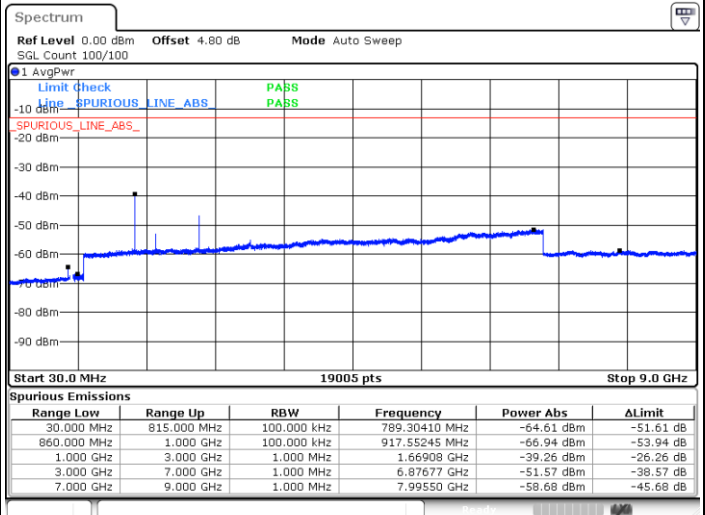
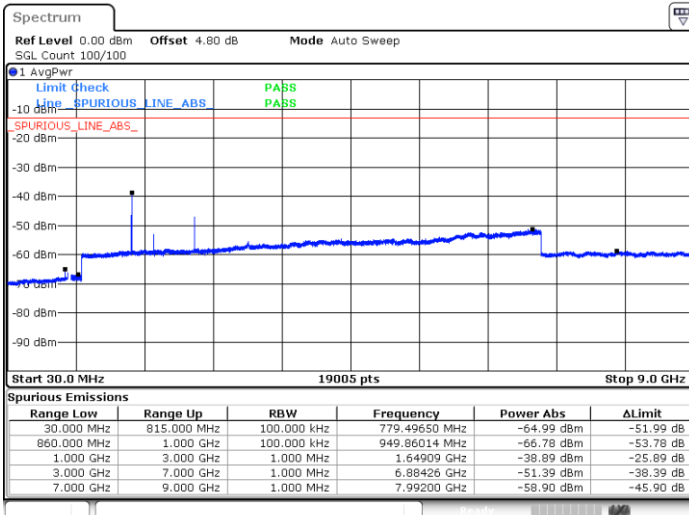




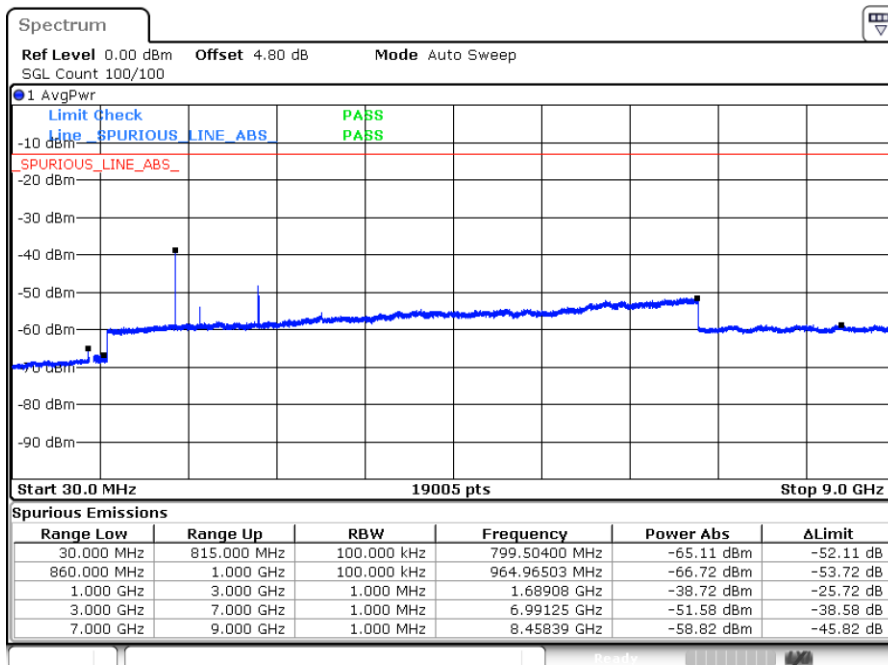
## LTE Band 26 / 5MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK



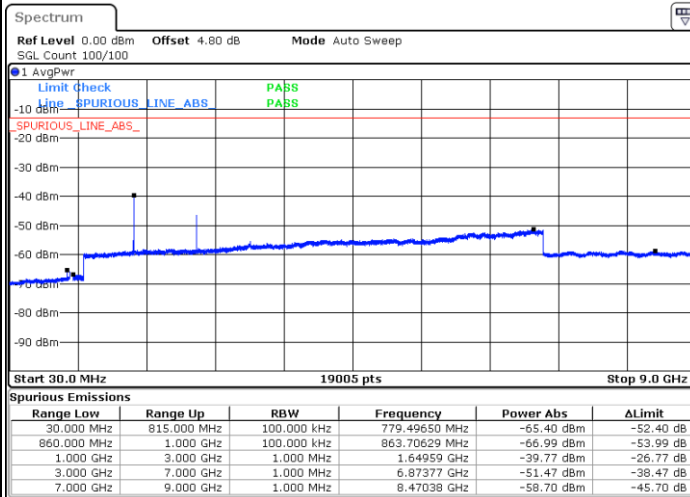
## Highest Channel / QPSK



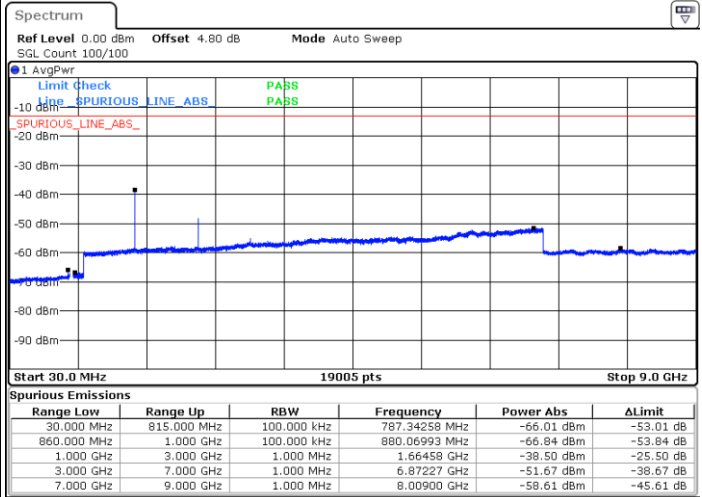


## LTE Band 26 / 10MHz

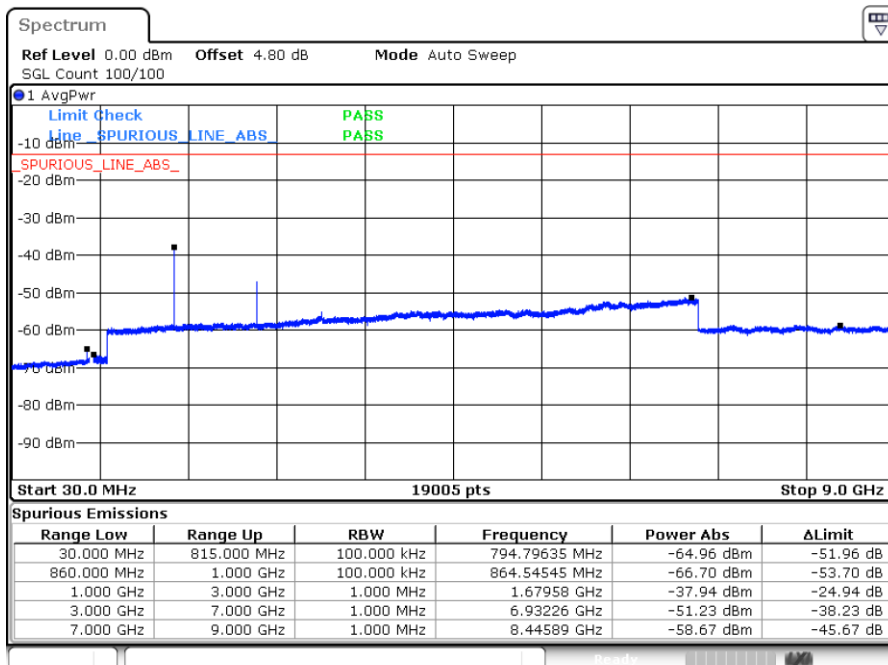
## Lowest Channel / QPSK



## Middle Channel / QPSK



## Highest Channel / QPSK

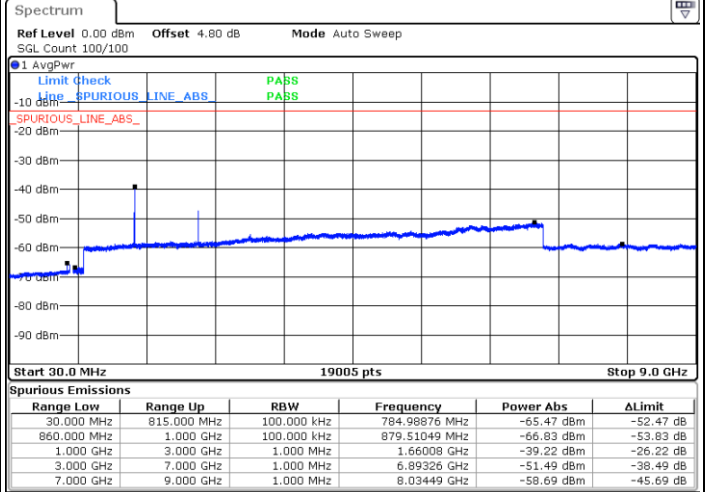
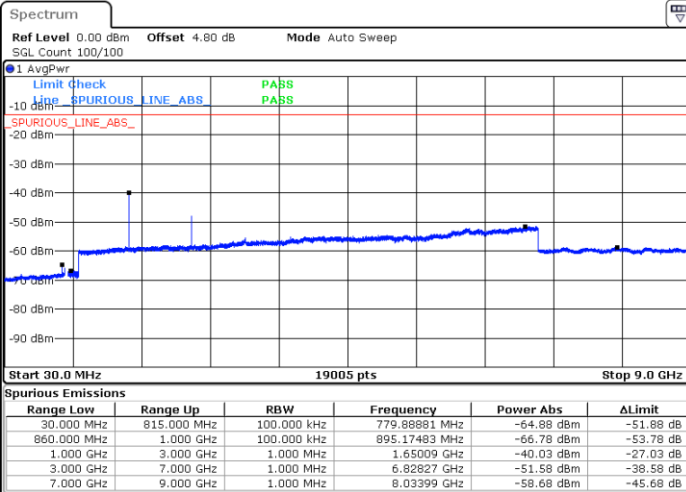




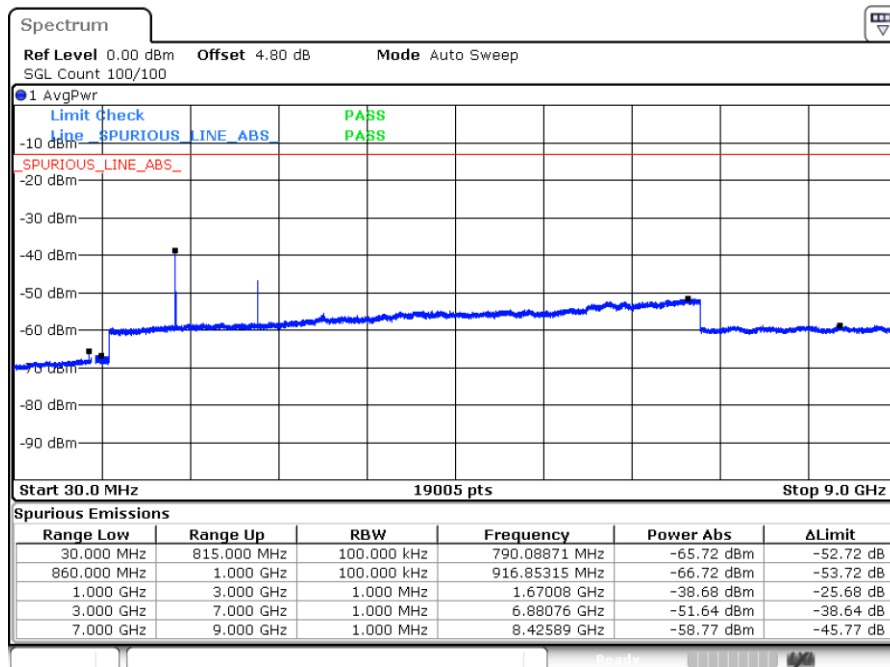
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK

## Middle Channel / QPSK



## Highest Channel / QPSK



**Frequency Stability**

| Test Conditions  |                   | LTE Band 26 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0022                              | PASS    |
| 40               | Normal Voltage    | 0.0046                              |         |
| 30               | Normal Voltage    | 0.0059                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0003                              |         |
| 0                | Normal Voltage    | 0.0024                              |         |
| -10              | Normal Voltage    | 0.0018                              |         |
| -20              | Normal Voltage    | 0.0037                              |         |
| -30              | Normal Voltage    | 0.0055                              |         |
| 20               | Maximum Voltage   | 0.0062                              |         |
| 20               | Normal Voltage    | 0.0016                              |         |
| 20               | Battery End Point | 0.0014                              |         |

**Note:**

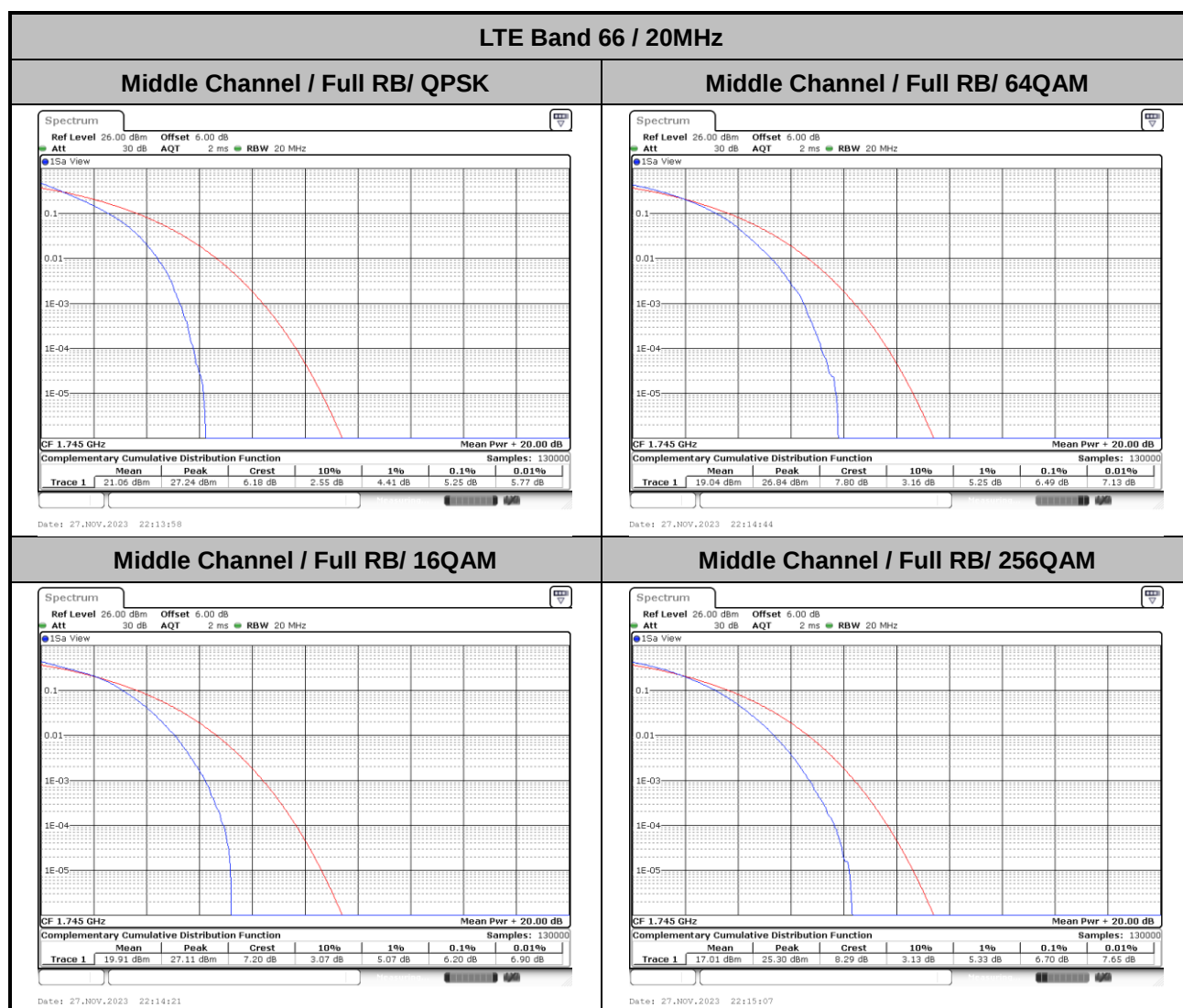
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 66 (main PA)

## Peak-to-Average Ratio

| Mode      | LTE Band 66 / 20MHz |         |         |         |             |
|-----------|---------------------|---------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | 256QAM  | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Full RB | Result      |
| Middle CH | 5.25                | 6.20    | 6.49    | 6.70    | PASS        |



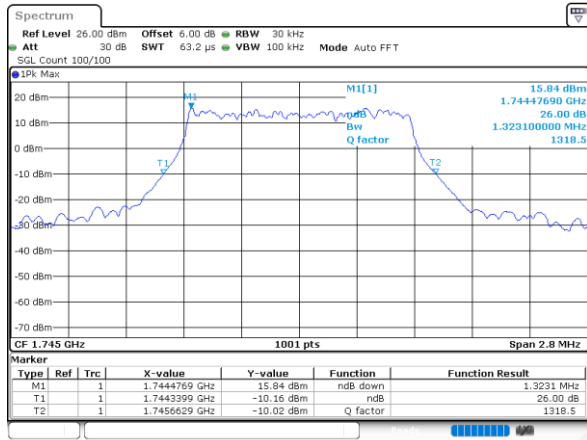
**26dB Bandwidth**

| Mode      | LTE Band 66 : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 1.4MHz                     |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 1.32                       | 1.35  |
| BW        | 3MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 3.01                       | 3.08  |
| BW        | 5MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 5.07                       | 4.99  |
| BW        | 10MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 9.83                       | 9.75  |
| BW        | 15MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 14.54                      | 14.69 |
| BW        | 20MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 19.10                      | 18.94 |



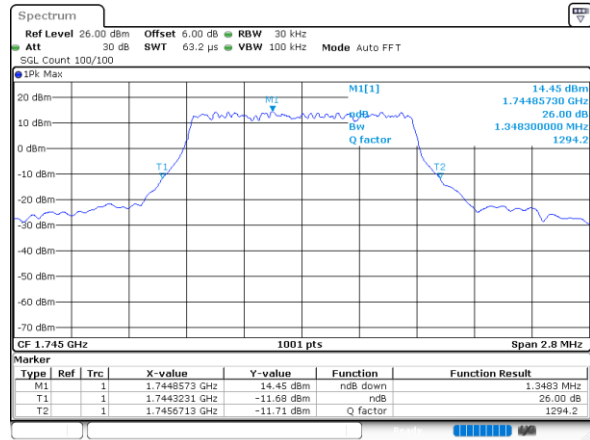
## LTE Band 66

## Middle Channel / 1.4MHz / QPSK



Date: 27.NOV.2023 19:51:20

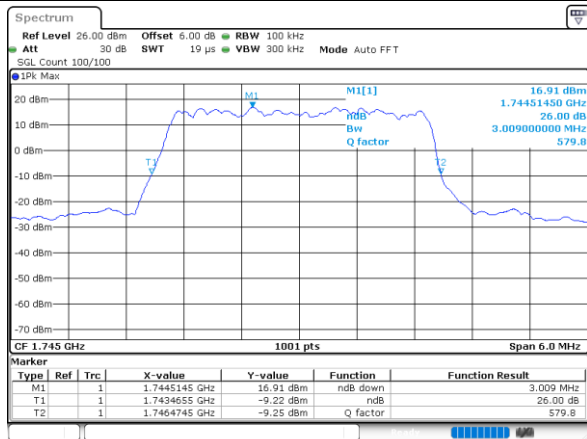
## Middle Channel / 1.4MHz / 16QAM



Date: 27.NOV.2023 19:51:42

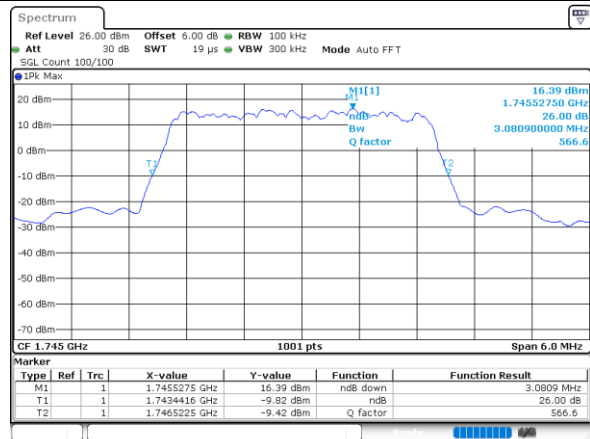
## LTE Band 66

## Middle Channel / 3MHz / QPSK



Date: 27.NOV.2023 20:26:48

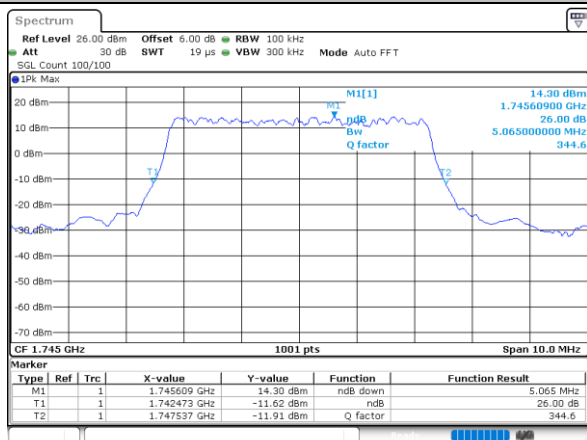
## Middle Channel / 3MHz / 16QAM



Date: 27.NOV.2023 20:27:10

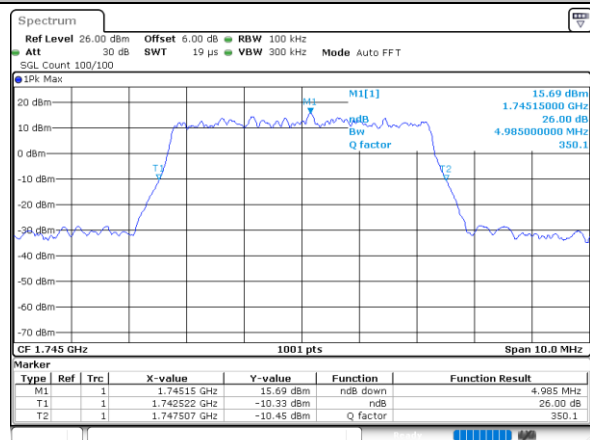
## LTE Band 66

## Middle Channel / 5MHz / QPSK



Date: 27.NOV.2023 21:08:59

## Middle Channel / 5MHz / 16QAM

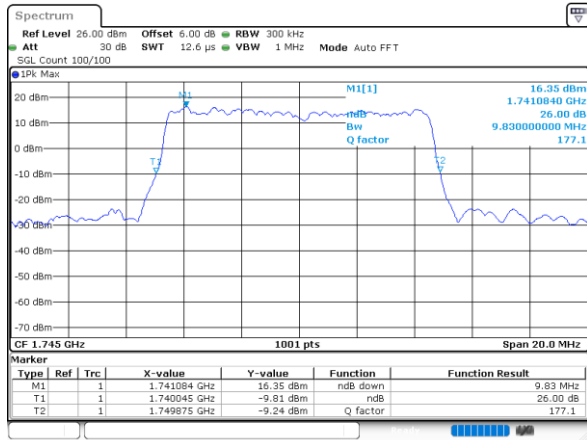


Date: 27.NOV.2023 21:09:20

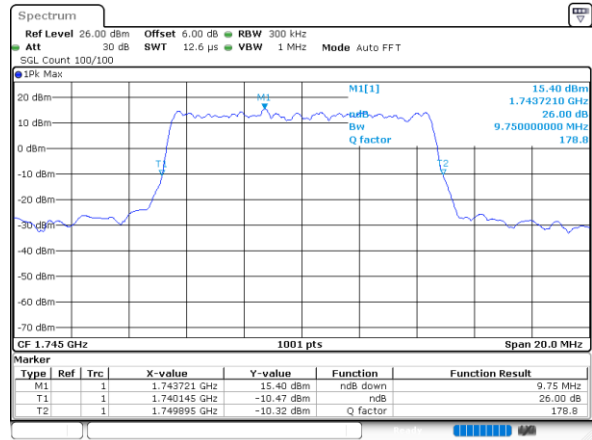


## LTE Band 66

## Middle Channel / 10MHz / QPSK

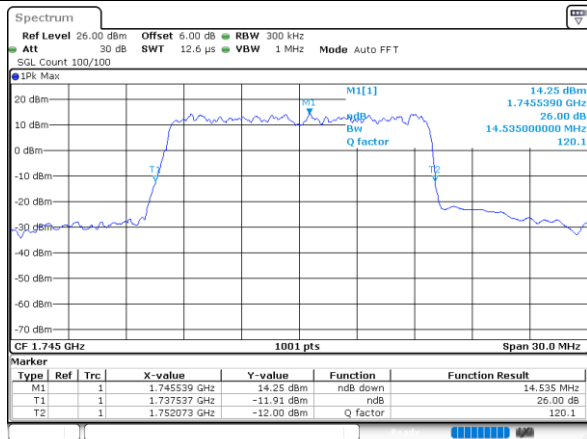


## Middle Channel / 10MHz / 16QAM

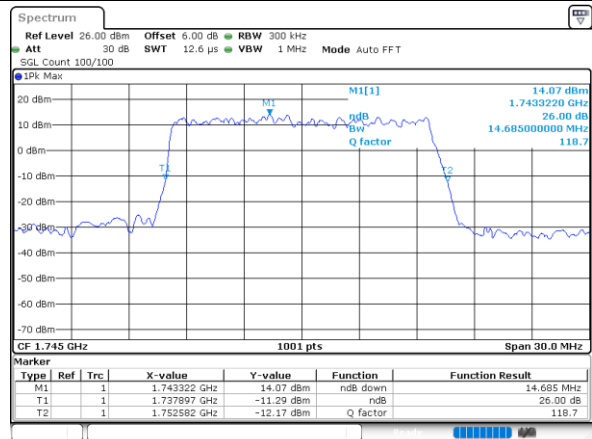


## LTE Band 66

## Middle Channel / 15MHz / QPSK

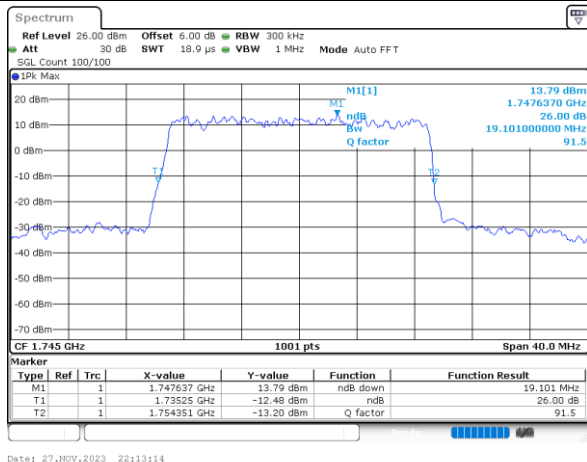


## Middle Channel / 15MHz / 16QAM

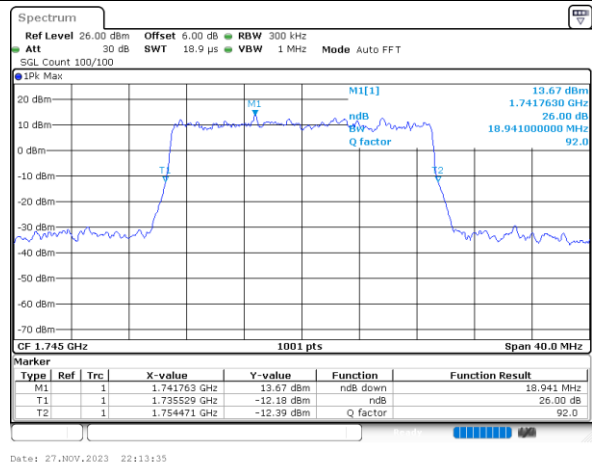


## LTE Band 66

## Middle Channel / 20MHz / QPSK



## Middle Channel / 20MHz / 16QAM



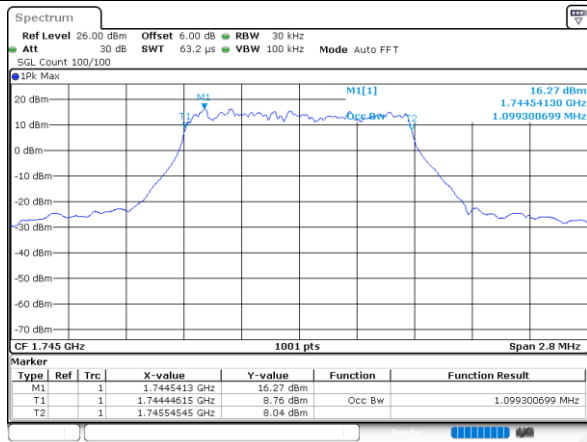
**Occupied Bandwidth**

| Mode      | LTE Band 66 : 99%OBW(MHz) |       |
|-----------|---------------------------|-------|
| BW        | 1.4MHz                    |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 1.10                      | 1.09  |
| BW        | 3MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 2.74                      | 2.73  |
| BW        | 5MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 4.51                      | 4.50  |
| BW        | 10MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 9.09                      | 9.03  |
| BW        | 15MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 13.40                     | 13.46 |
| BW        | 20MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 17.94                     | 17.90 |



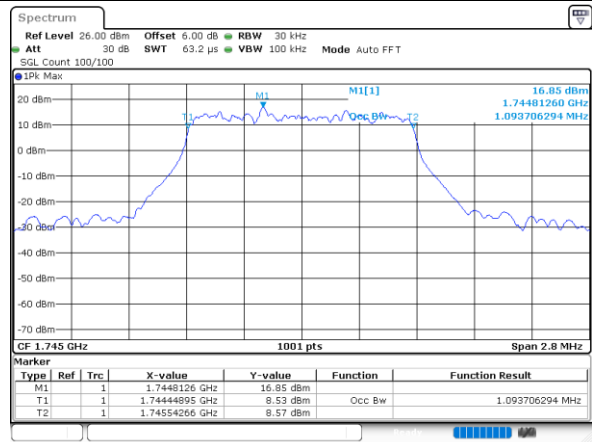
## LTE Band 66

## Middle Channel / 1.4MHz / QPSK



Date: 27.NOV.2023 19:50:37

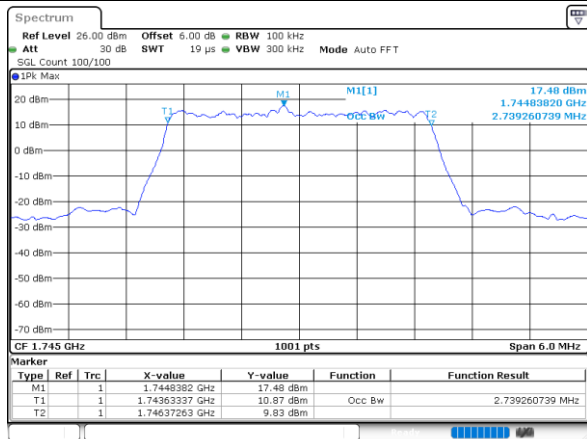
## Middle Channel / 1.4MHz / 16QAM



Date: 27.NOV.2023 19:50:59

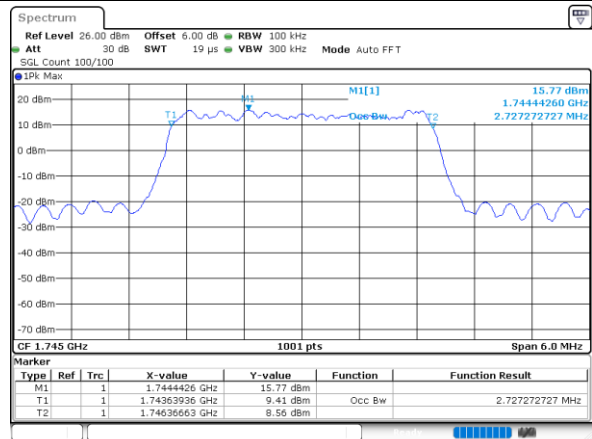
## LTE Band 66

## Middle Channel / 3MHz / QPSK



Date: 27.NOV.2023 20:26:05

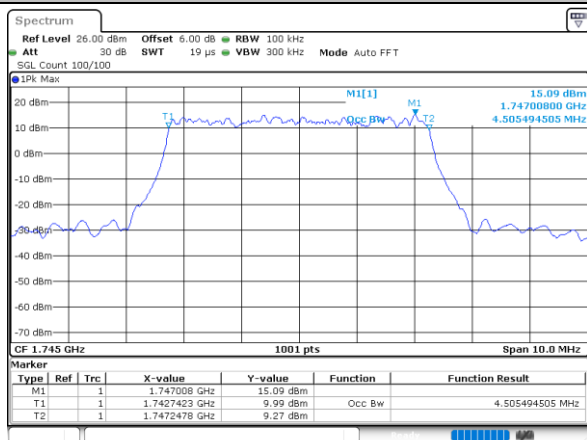
## Middle Channel / 3MHz / 16QAM



Date: 27.NOV.2023 20:26:26

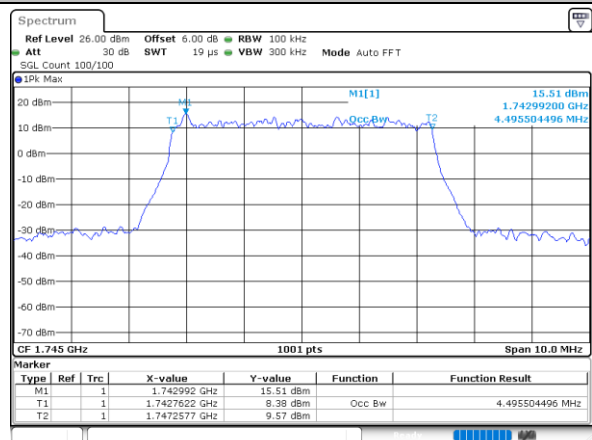
## LTE Band 66

## Middle Channel / 5MHz / QPSK



Date: 27.NOV.2023 21:08:16

## Middle Channel / 5MHz / 16QAM

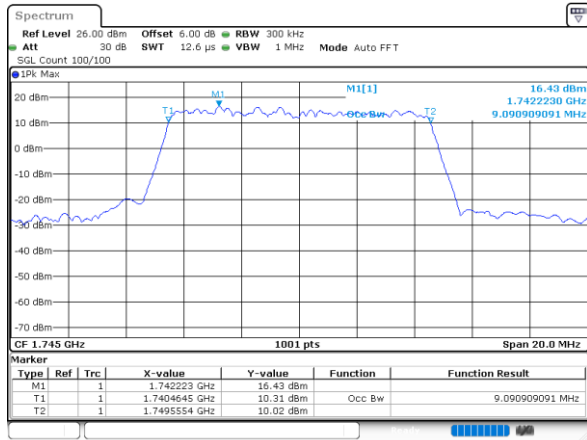


Date: 27.NOV.2023 21:08:37

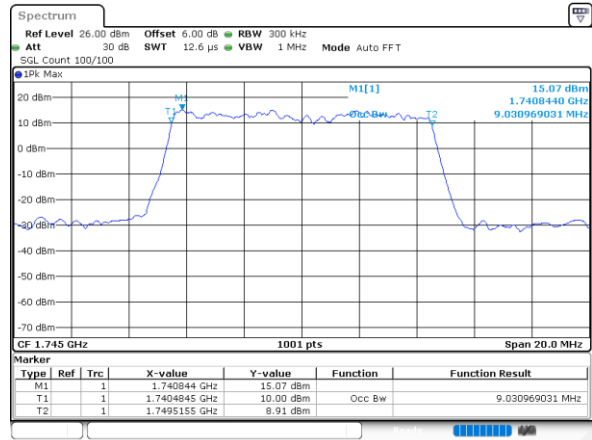


## LTE Band 66

## Middle Channel / 10MHz / QPSK

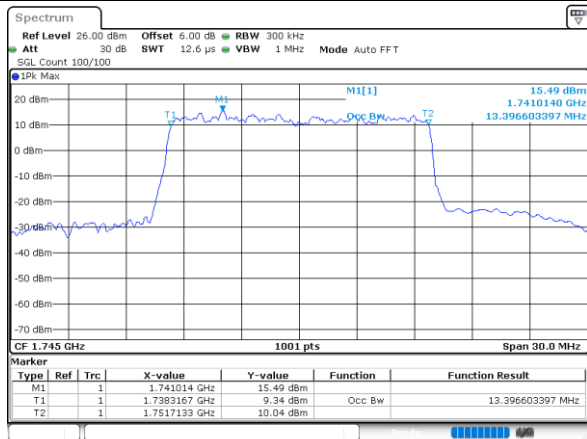


## Middle Channel / 10MHz / 16QAM

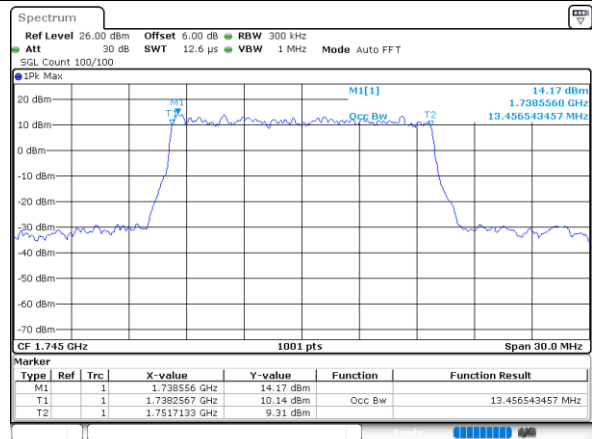


## LTE Band 66

## Middle Channel / 15MHz / QPSK

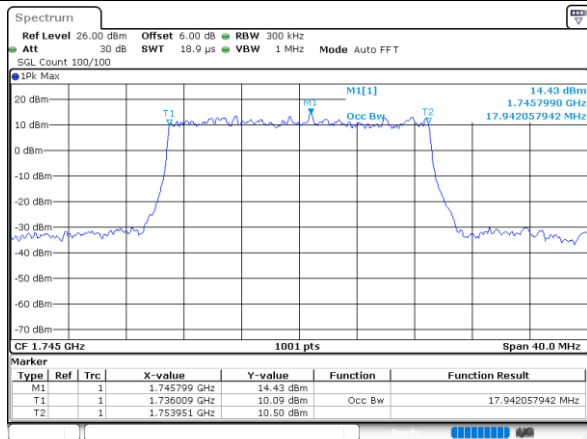


## Middle Channel / 15MHz / 16QAM

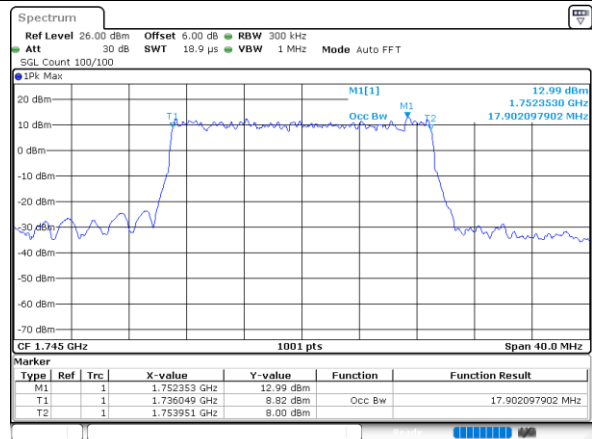


## LTE Band 66

## Middle Channel / 20MHz / QPSK



## Middle Channel / 20MHz / 16QAM

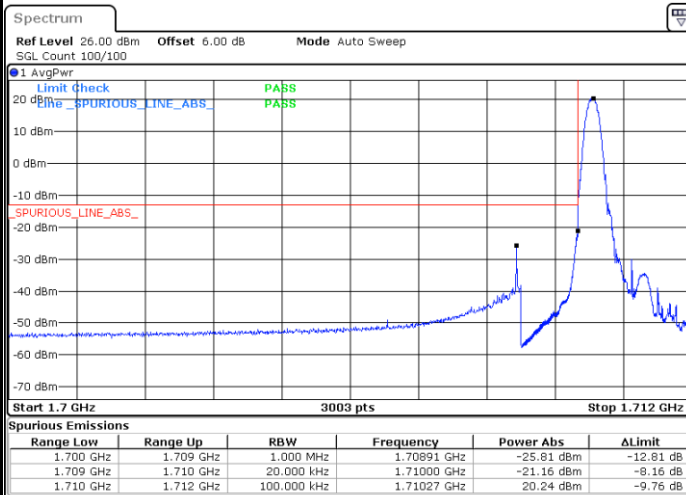




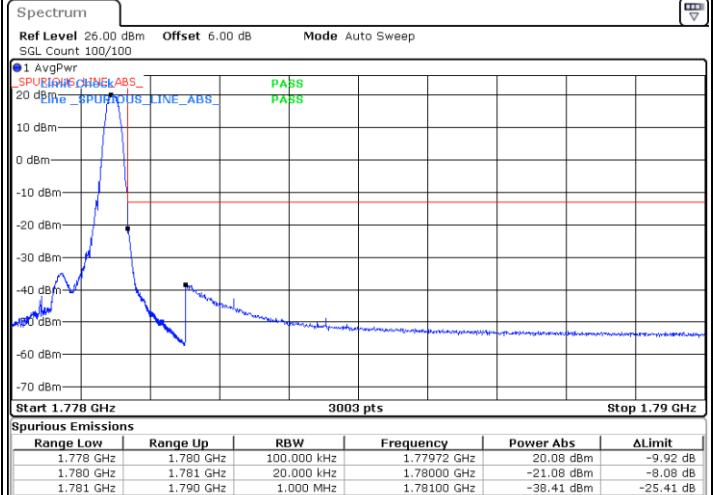
# Conducted Band Edge

## LTE Band 66 / 1.4MHz / QPSK

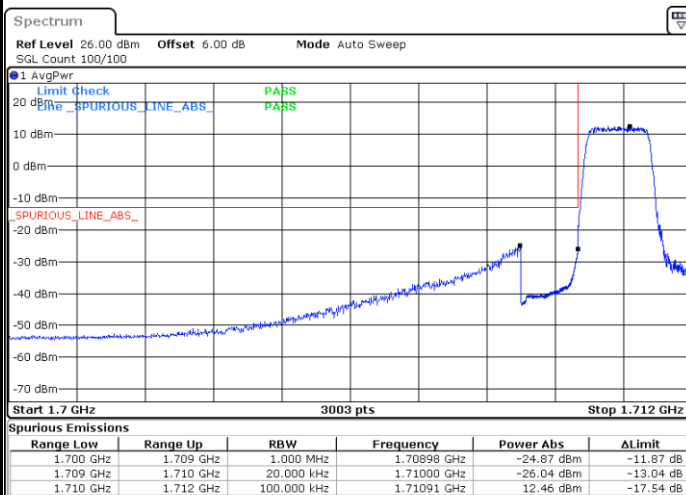
### Lowest Band Edge / 1RB



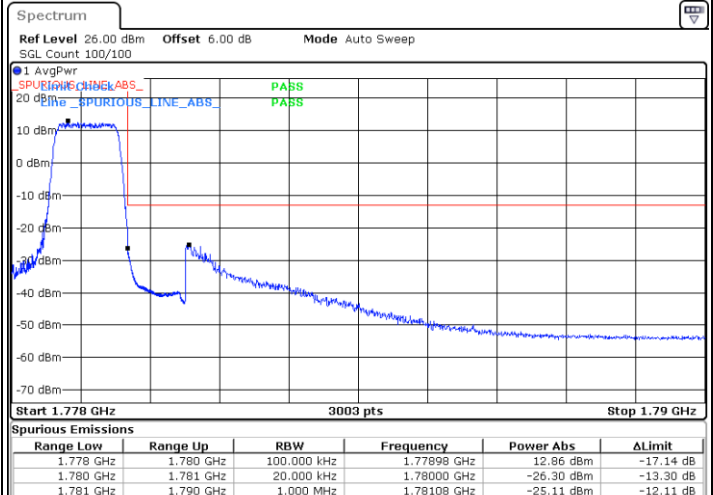
### Highest Band Edge / 1RB



### Lowest Band Edge / Full RB



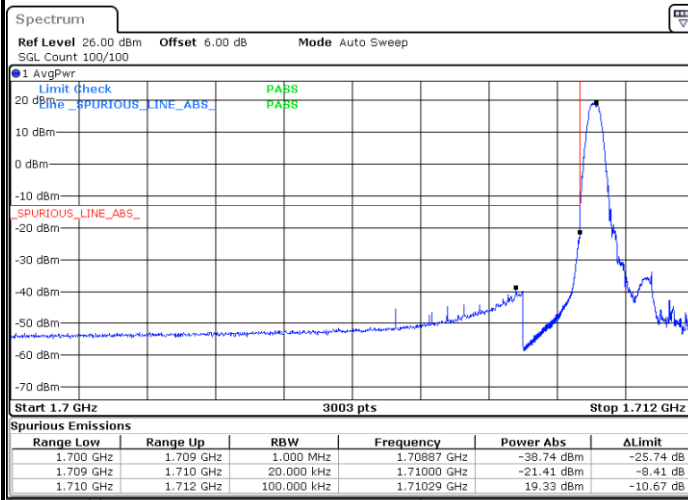
### Highest Band Edge / Full RB



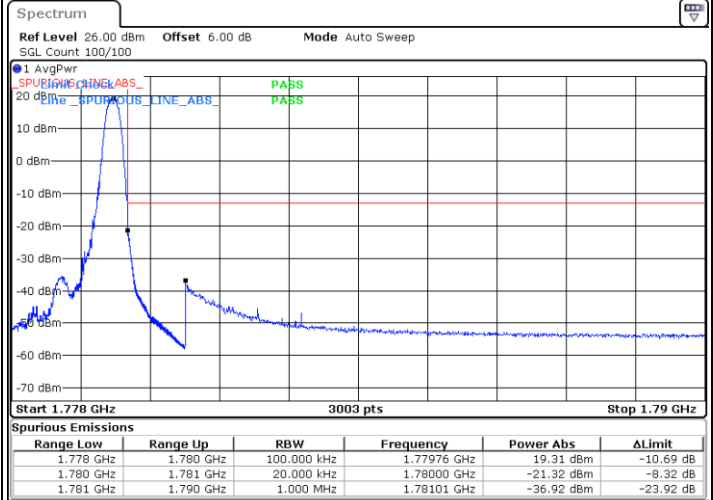


## LTE Band 66 / 1.4MHz / 16QAM

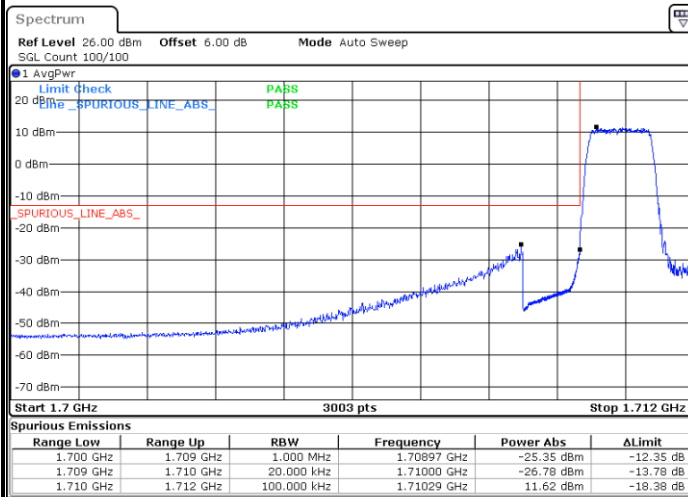
## Lowest Band Edge / 1 RB



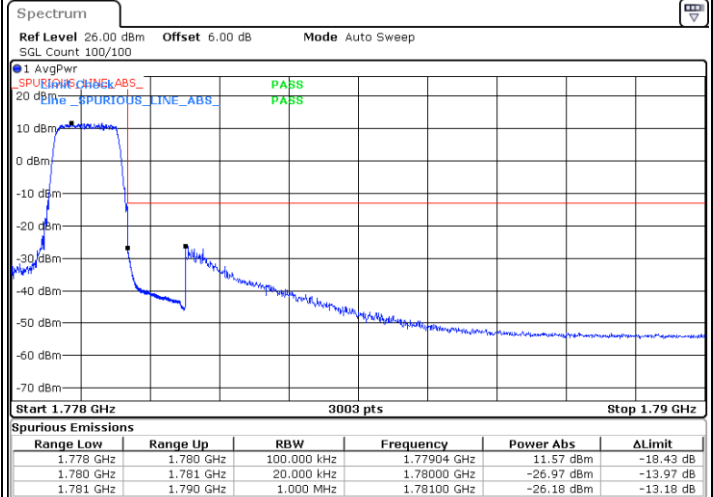
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



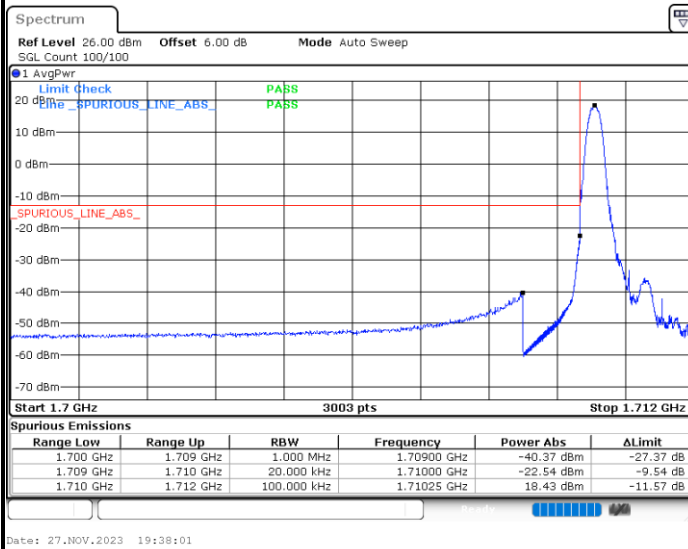
## Highest Band Edge / Full RB



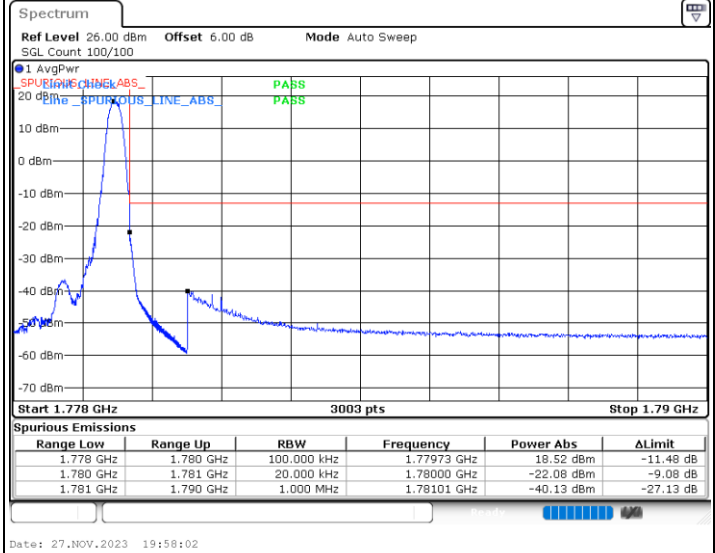


## LTE Band 66 / 1.4MHz / 64QAM

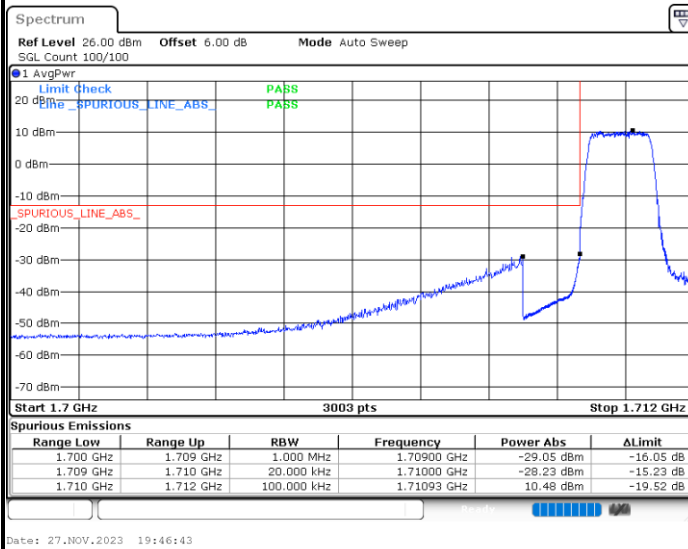
## Lowest Band Edge / 1 RB



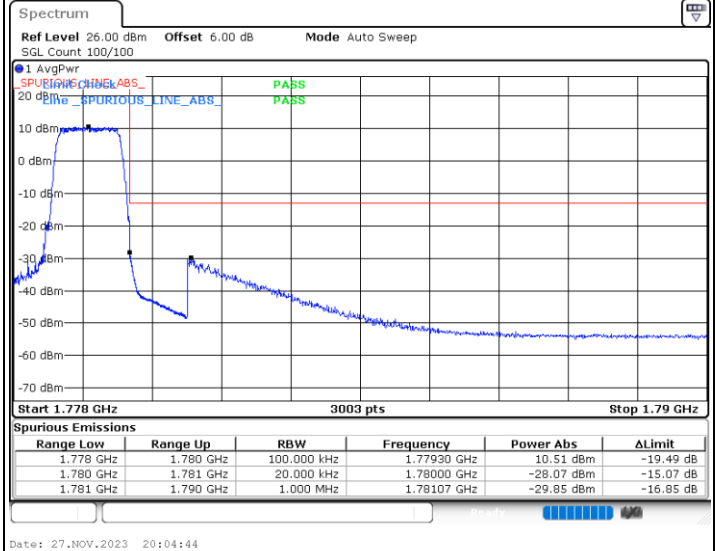
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



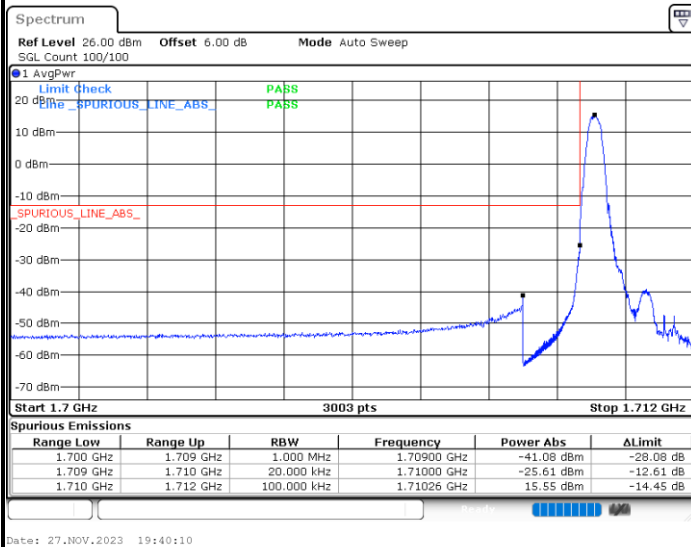
## Highest Band Edge / Full RB



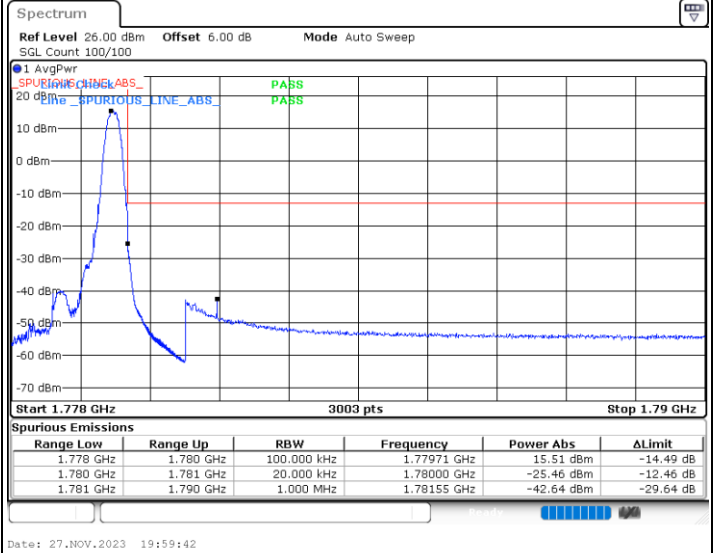


## LTE Band 66 / 1.4MHz / 256QAM

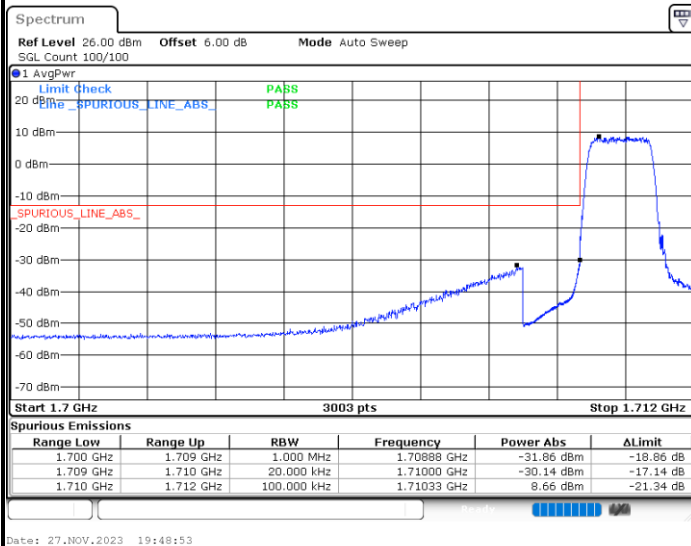
## Lowest Band Edge / 1 RB



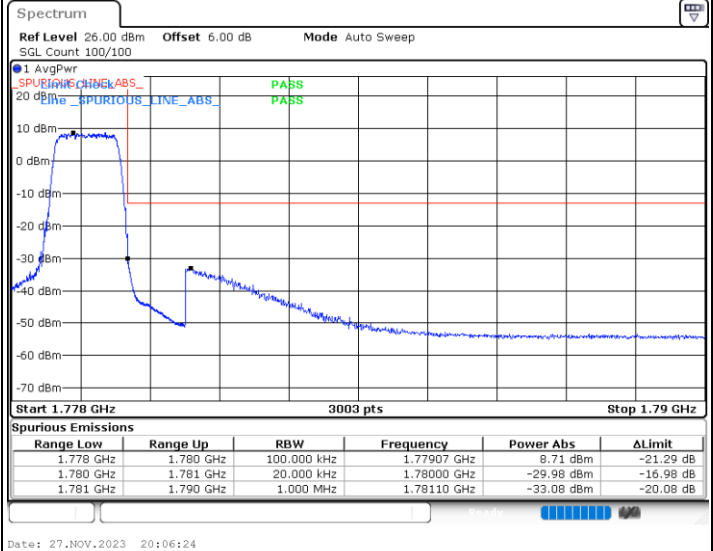
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



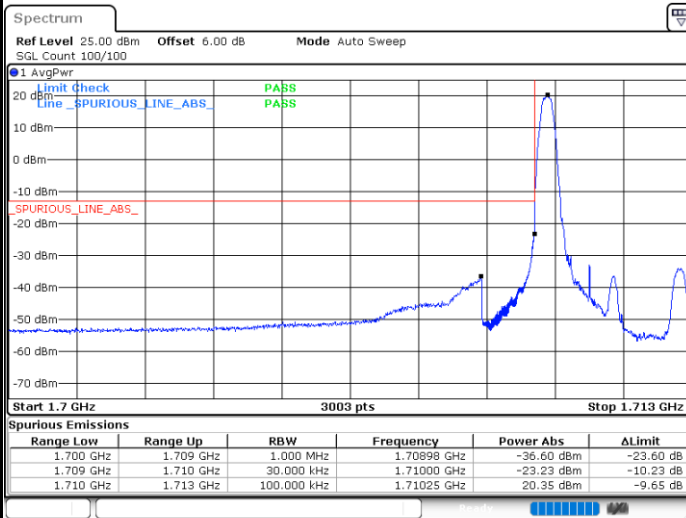
## Highest Band Edge / Full RB



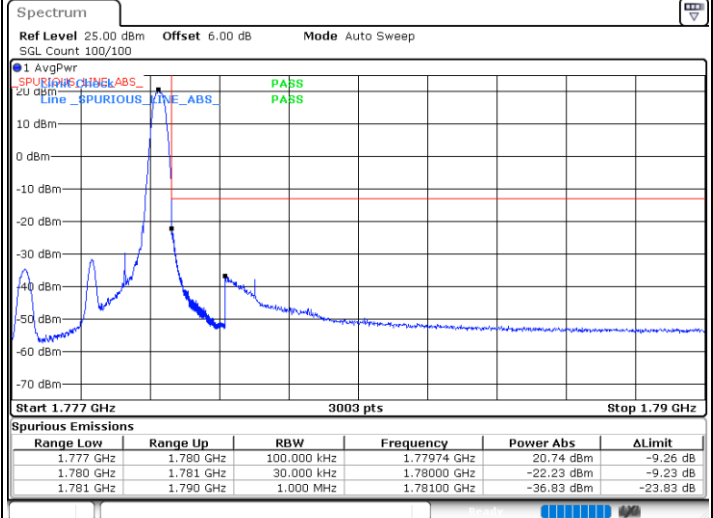


## LTE Band 66 / 3MHz / QPSK

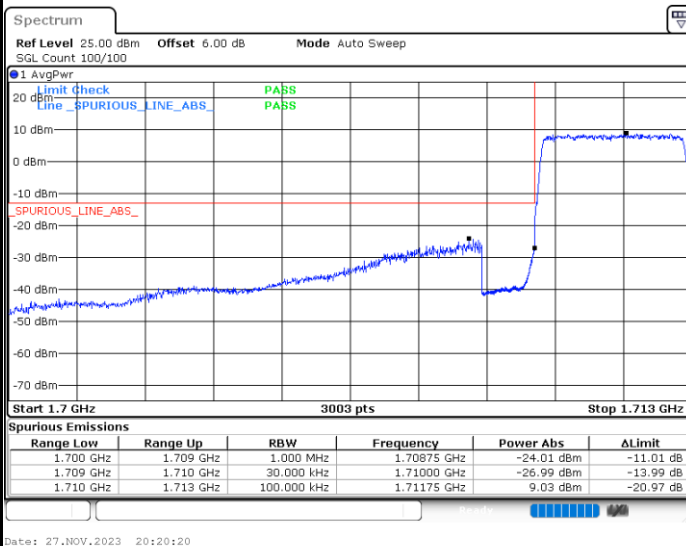
## Lowest Band Edge / 1RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

