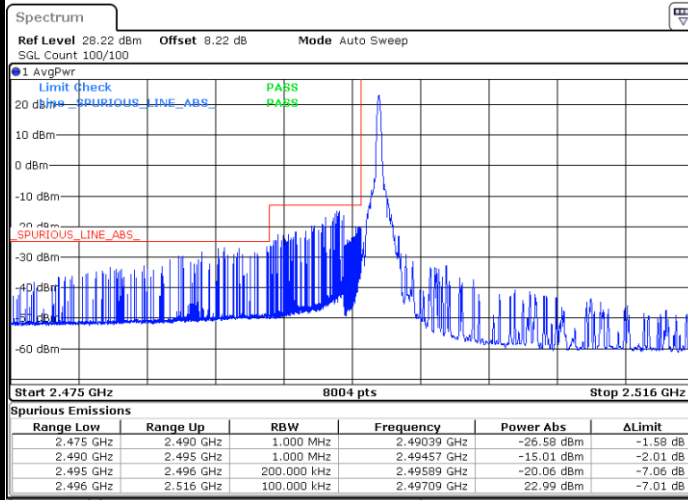


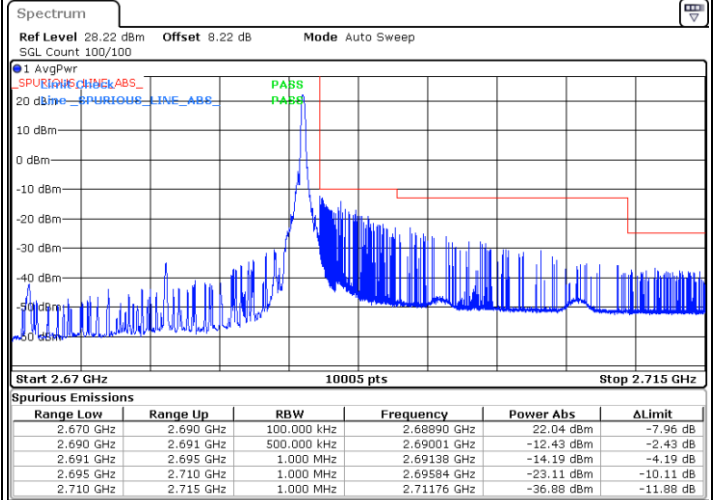


## LTE Band 41 / 20MHz / 16QAM

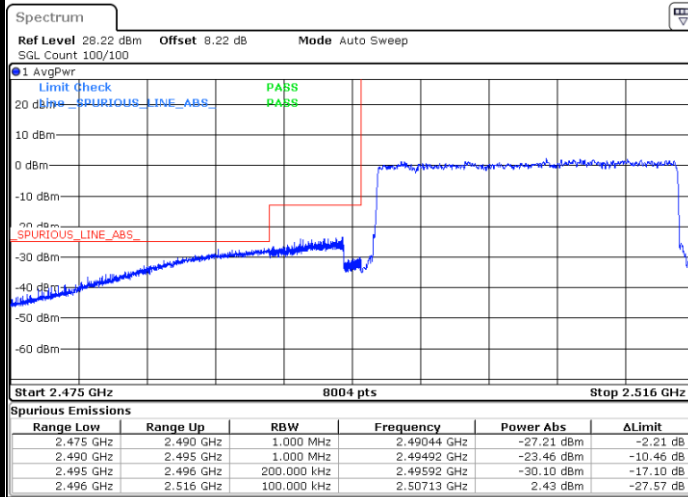
## Lowest Band Edge / 1 RB



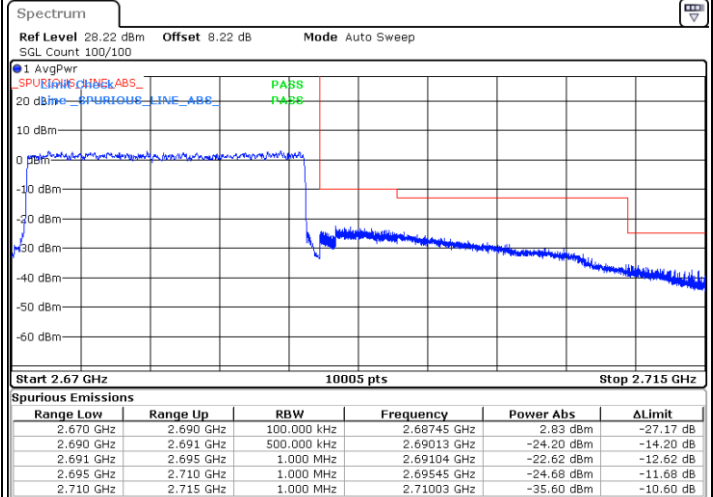
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



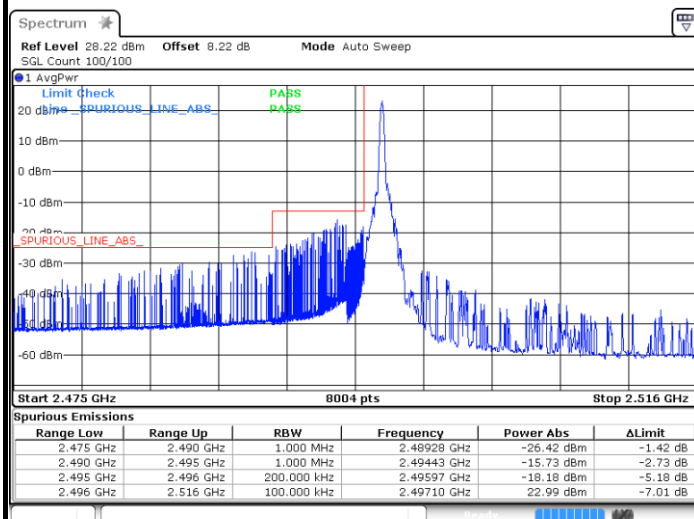
## Highest Band Edge / Full RB



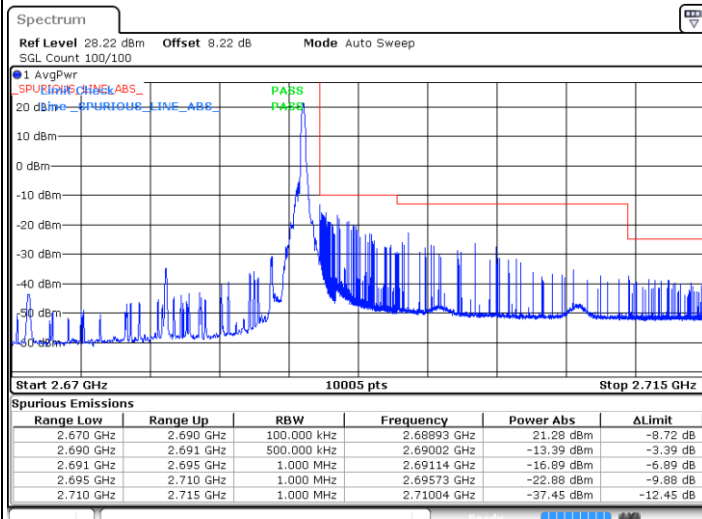


## LTE Band 41 / 20MHz / 64QAM

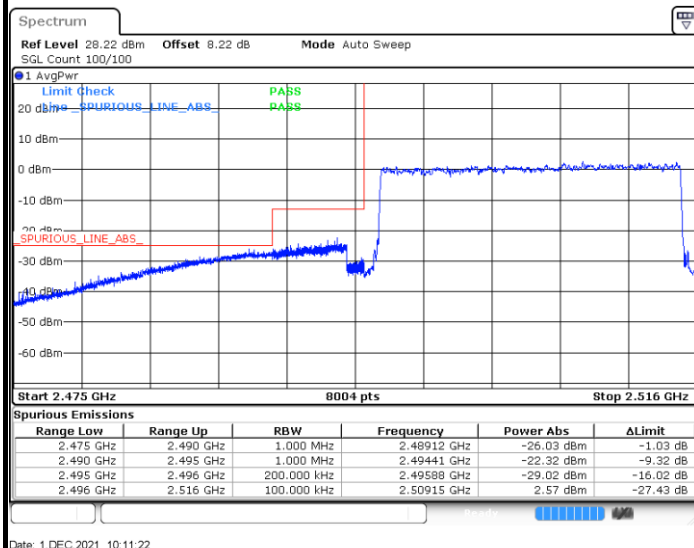
## Lowest Band Edge / 1 RB



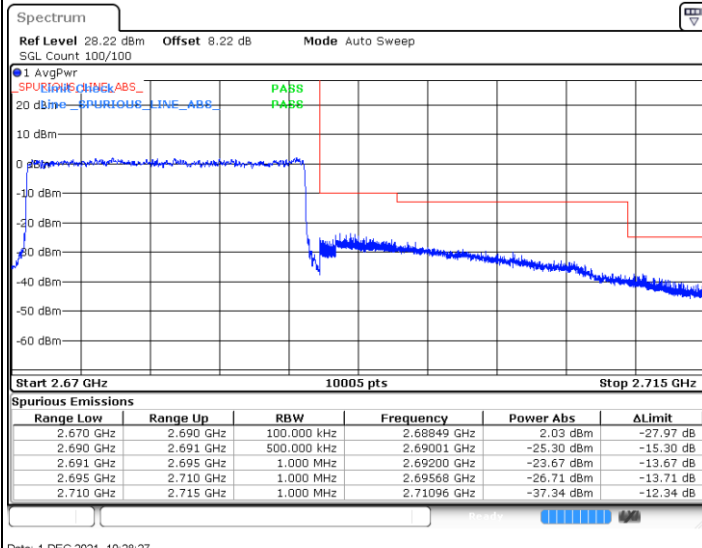
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

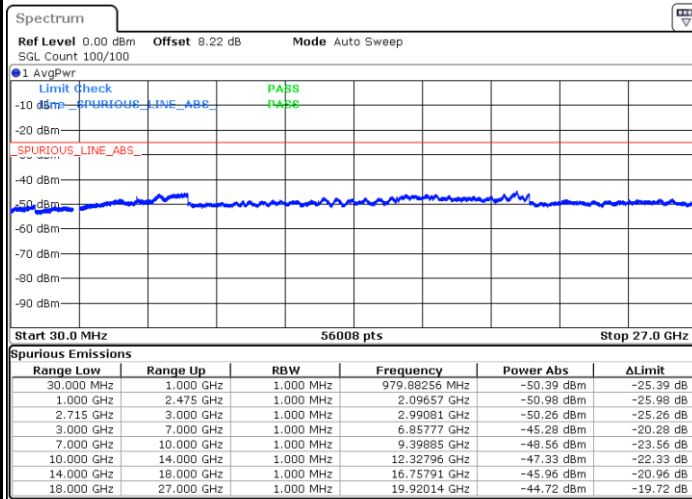




## Conducted Spurious Emission

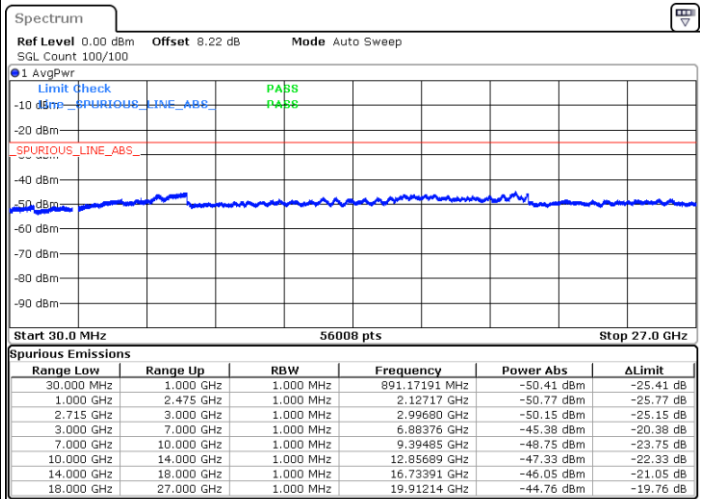
### LTE Band 41 / 5MHz

#### Lowest Channel / QPSK



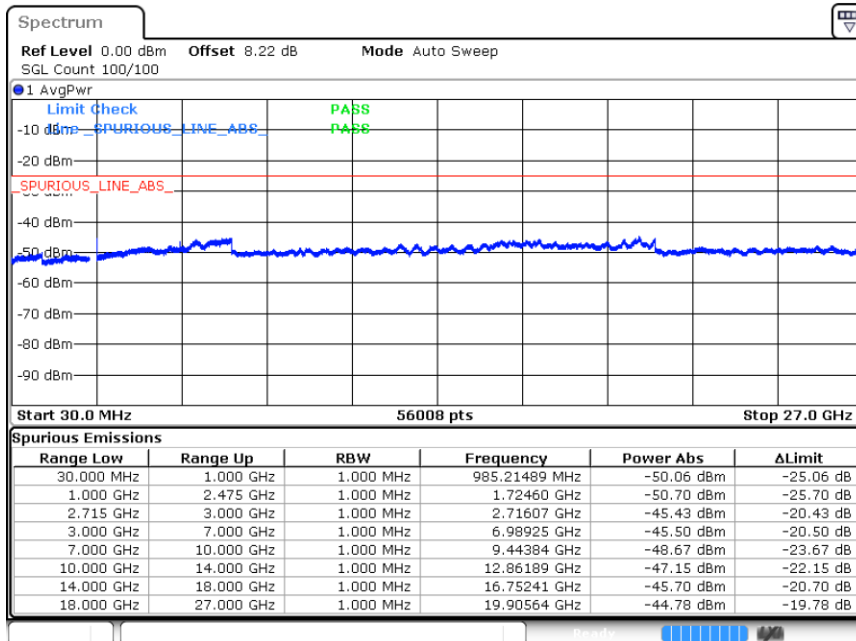
Date: 1.DEC.2021 08:29:14

#### Middle Channel / QPSK



Date: 1.DEC.2021 08:43:54

#### Highest Channel / QPSK

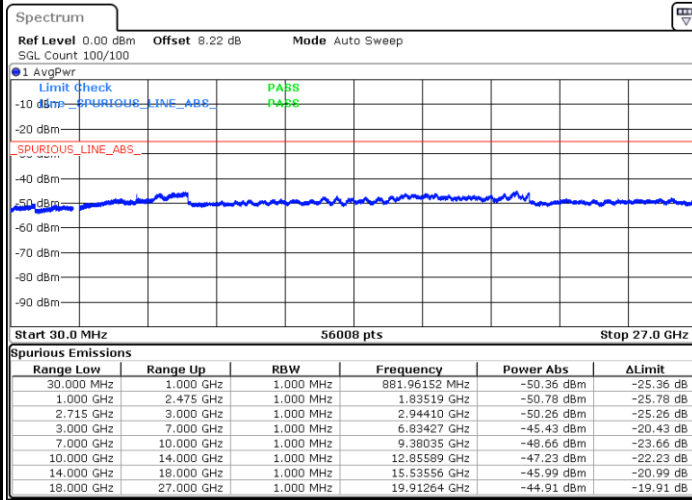


Date: 1.DEC.2021 08:46:46



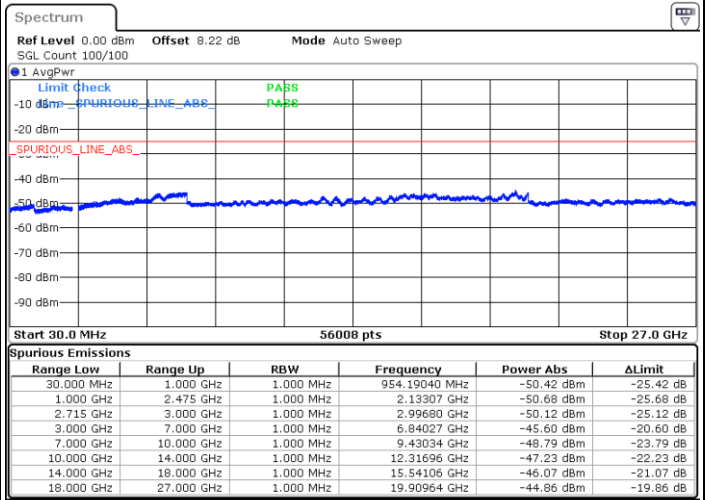
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



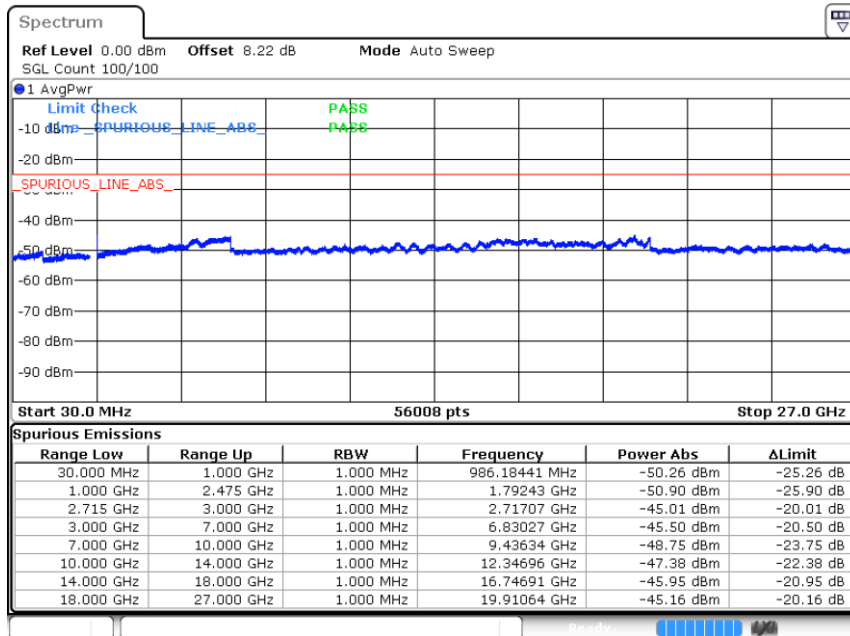
Date: 1.DEC.2021 09:00:59

## Middle Channel / QPSK



Date: 1.DEC.2021 09:15:41

## Highest Channel / QPSK

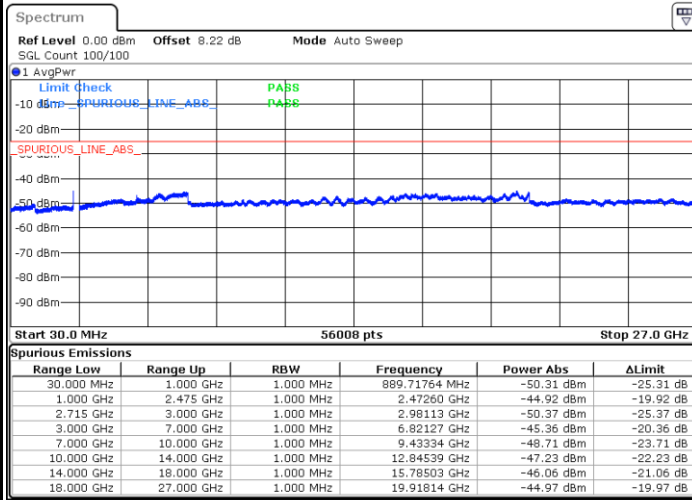


Date: 1.DEC.2021 09:18:34



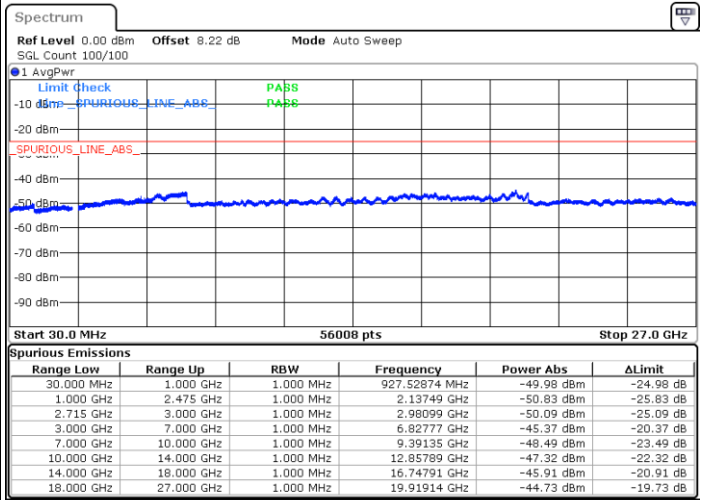
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



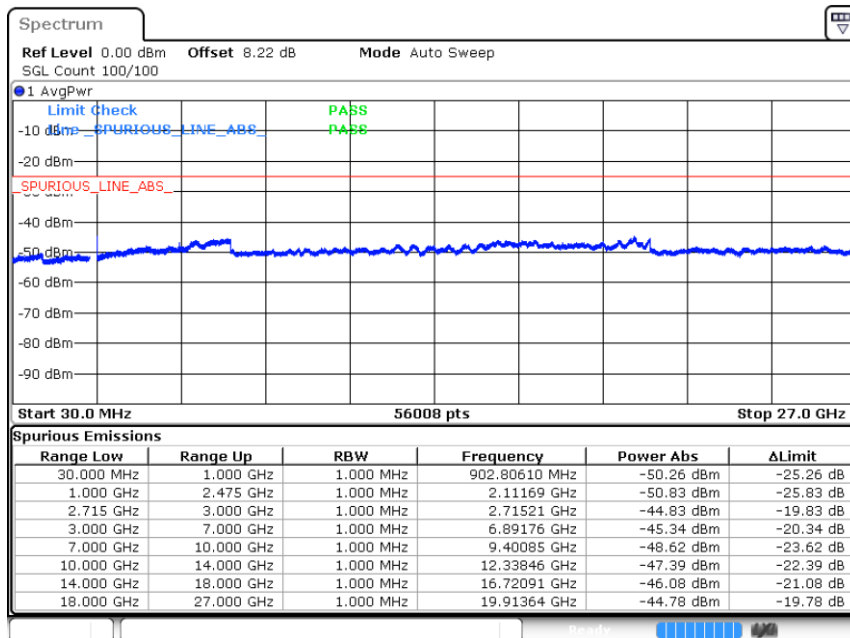
Date: 1.DEC.2021 09:32:47

## Middle Channel / QPSK



Date: 1.DEC.2021 09:46:51

## Highest Channel / QPSK

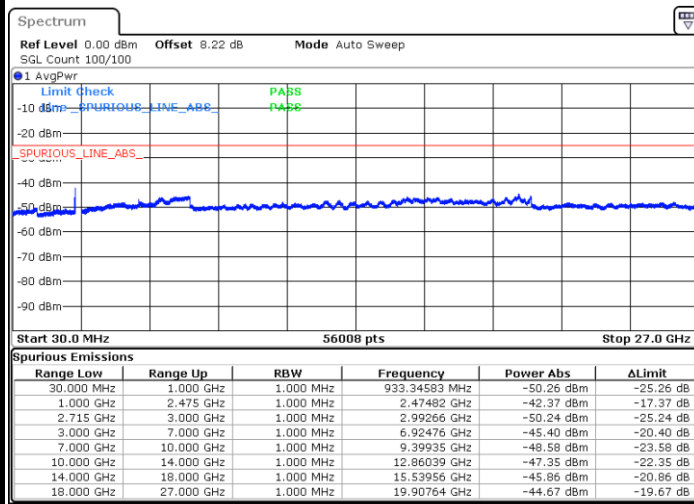


Date: 1.DEC.2021 09:49:44



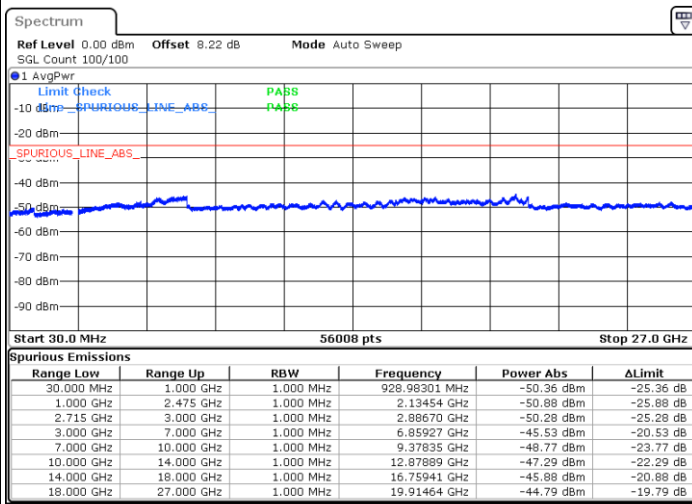
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



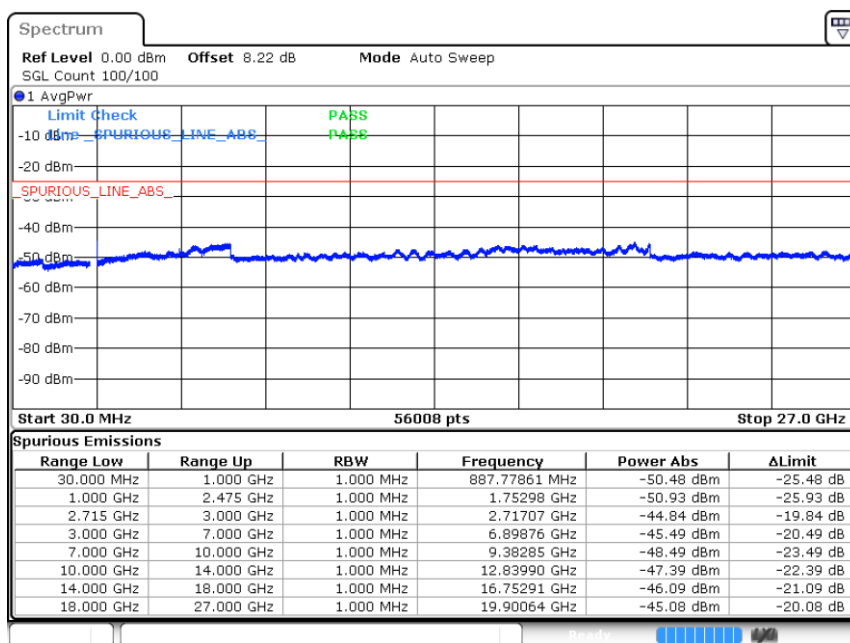
Date: 1.DEC.2021 10:03:57

## Middle Channel / QPSK



Date: 1.DEC.2021 10:18:01

## Highest Channel / QPSK



Date: 1.DEC.2021 10:20:54

## Frequency Stability

| Test Conditions  |                   | LTE Band 41 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 20MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0008                              | PASS    |
| 40               | Normal Voltage    | 0.0012                              |         |
| 30               | Normal Voltage    | 0.0016                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0004                              |         |
| 0                | Normal Voltage    | 0.0009                              |         |
| -10              | Normal Voltage    | 0.0007                              |         |
| -20              | Normal Voltage    | 0.0015                              |         |
| -30              | Normal Voltage    | 0.0021                              |         |
| 20               | Maximum Voltage   | 0.0025                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0016                              |         |

**Note:**

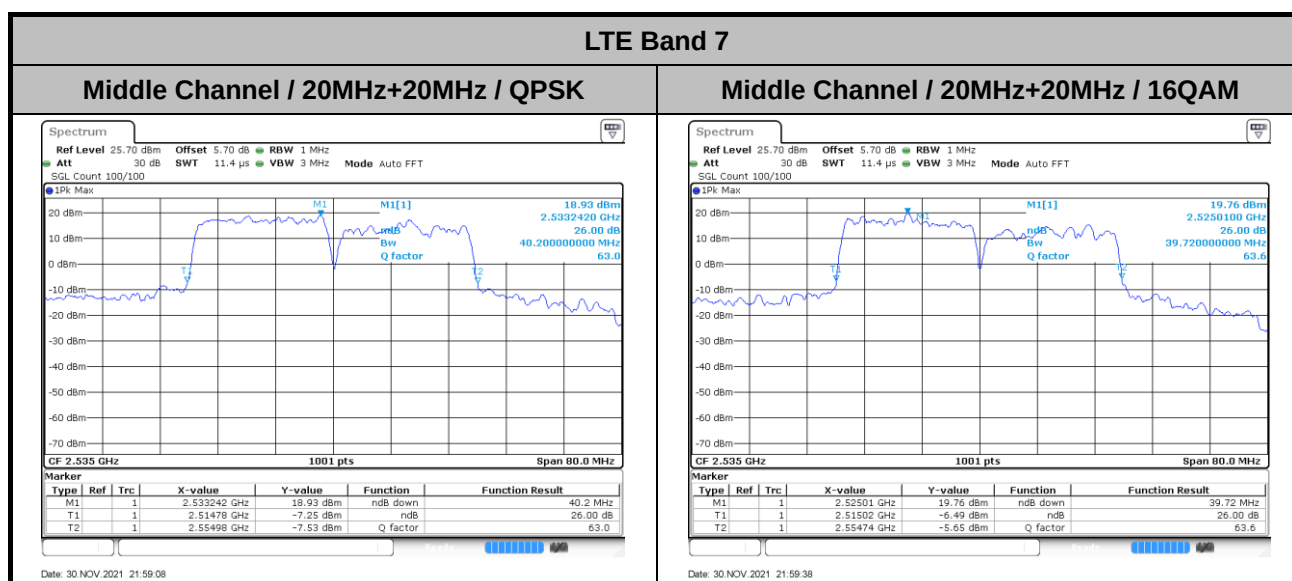
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 7C

## 26dB Bandwidth

| Mode      | LTE Band 7c : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 20MHz+20MHz                |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 40.2                       | 39.72 |

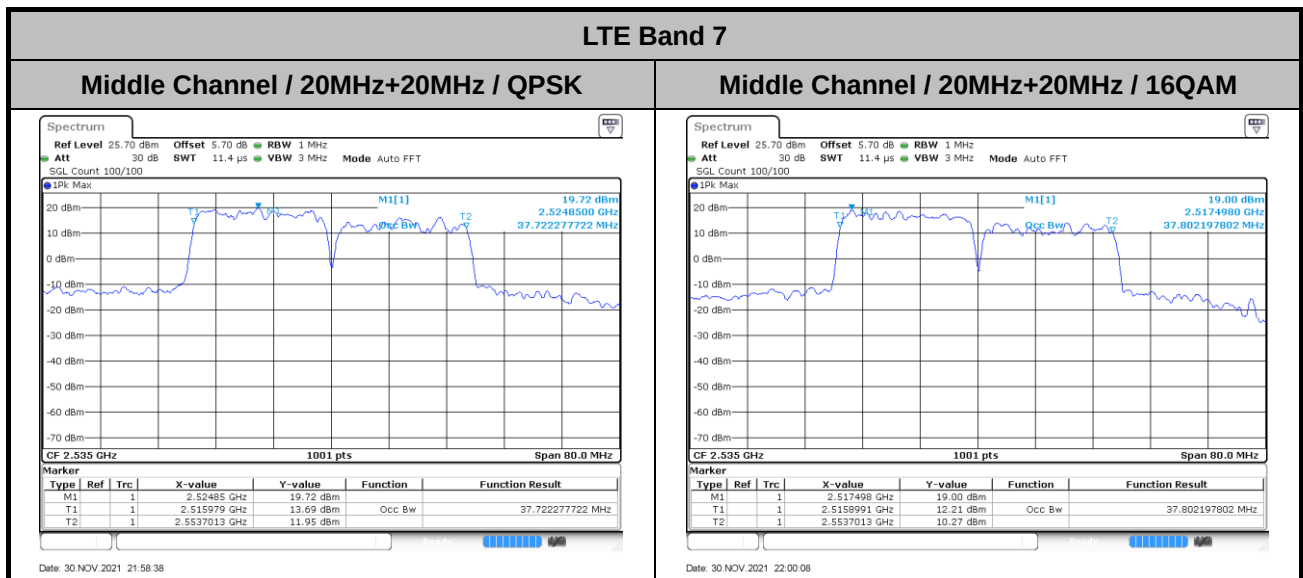






## Occupied Bandwidth

|           |                          |       |
|-----------|--------------------------|-------|
| Mode      | LTE Band 7 : 99%OBW(MHz) |       |
| BW        | 20MHz+20MHz              |       |
| Mod.      | QPSK                     | 16QAM |
| Middle CH | 37.72                    | 37.80 |



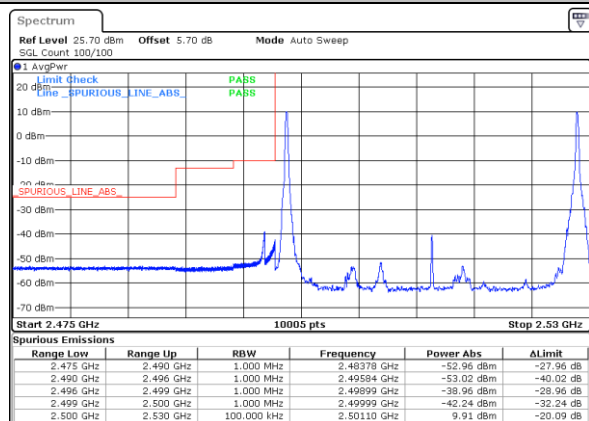


## Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

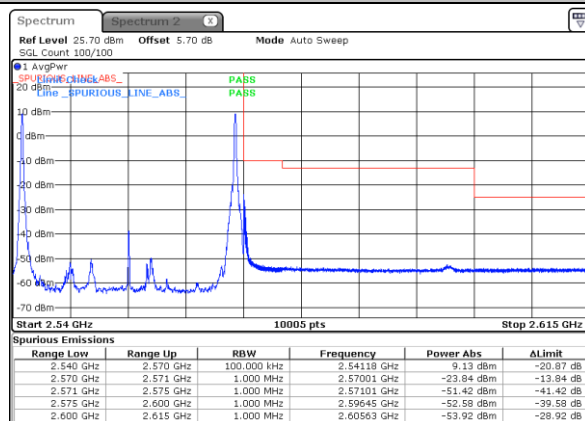
QPSK

Lowest Band Edge / 1RB0 and 1RB99



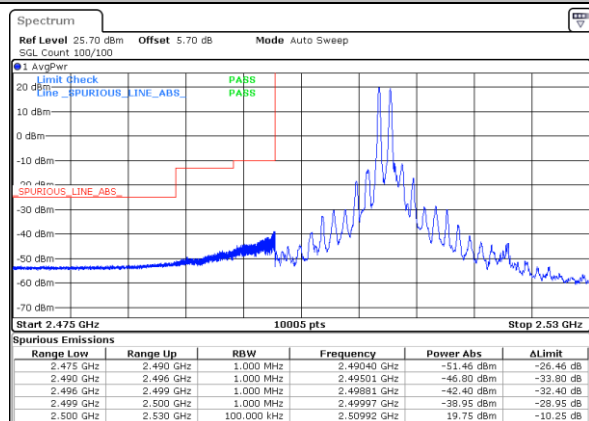
Date: 10, DEC, 2021 11:04:03

Highest Band Edge / 1RB0 and 1RB99



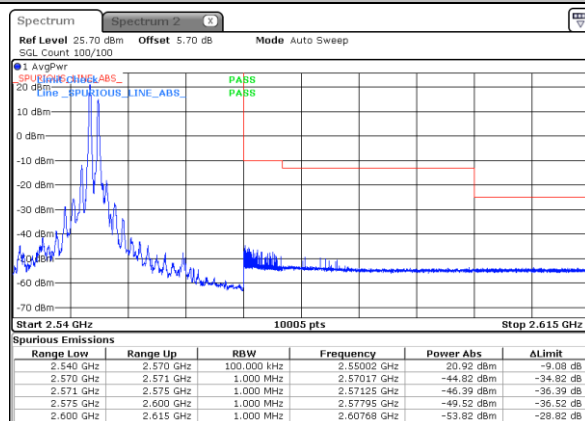
Date: 9, DEC, 2021 22:53:39

Lowest Band Edge / 1RB49 and 1RB0



Date: 10, DEC, 2021 11:06:21

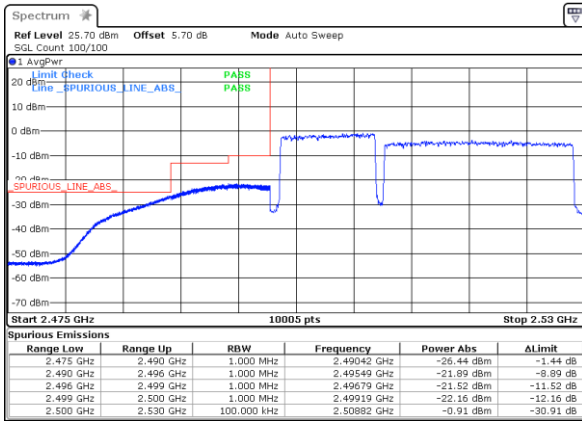
Highest Band Edge / 1RB49 and 1RB0



Date: 9, DEC, 2021 23:09:08

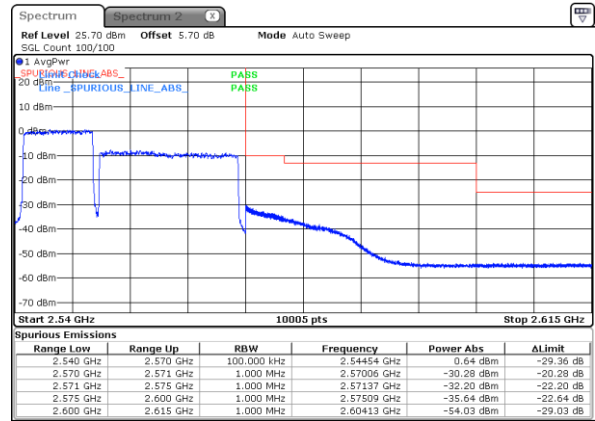


Lowest Band Edge / Full RB



Date: 10\_DEC.2021 11:00:03

Highest Band Edge / Full RB



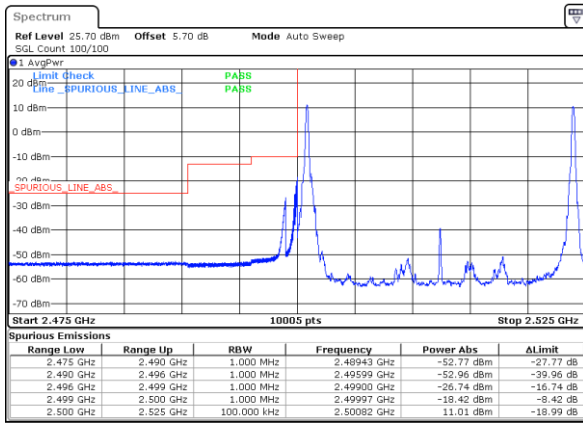
Date: 9\_DEC.2021 23:11:01



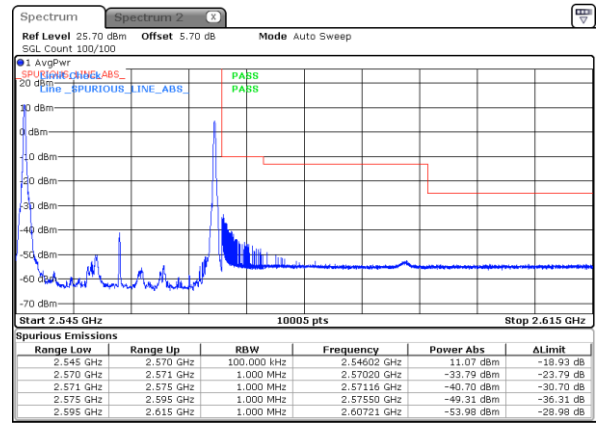
## LTE Band 7 / 15MHz+10MHz

## QPSK

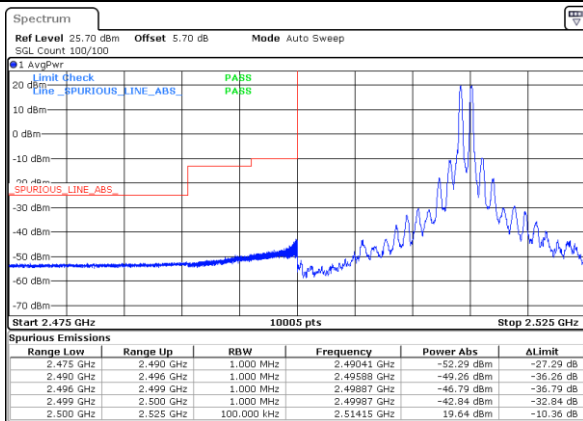
## Lowest Band Edge / 1RB0 and 1RB49



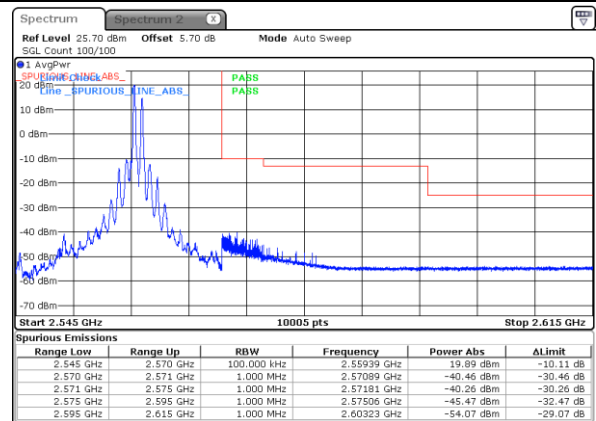
## Highest Band Edge / 1RB0 and 1RB49



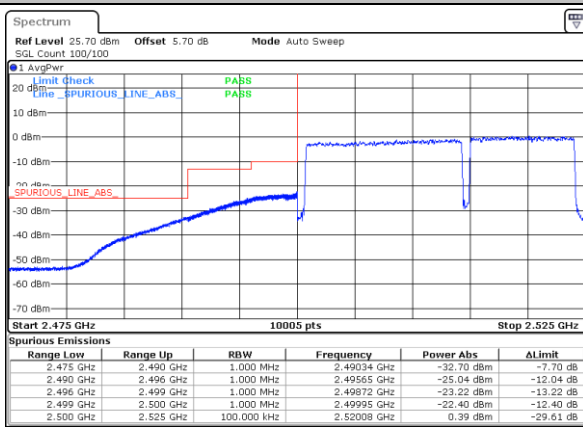
## Lowest Band Edge / 1RB74 and 1RB0



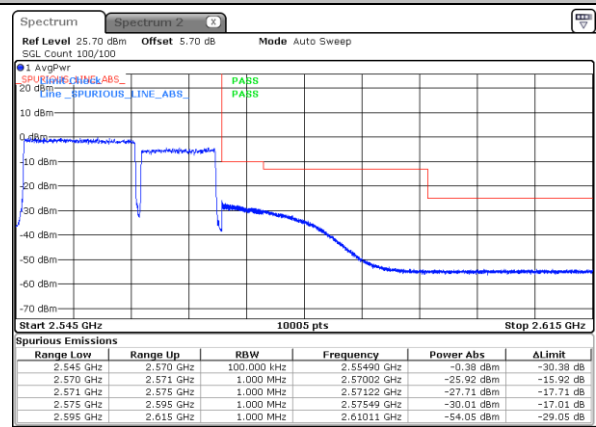
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

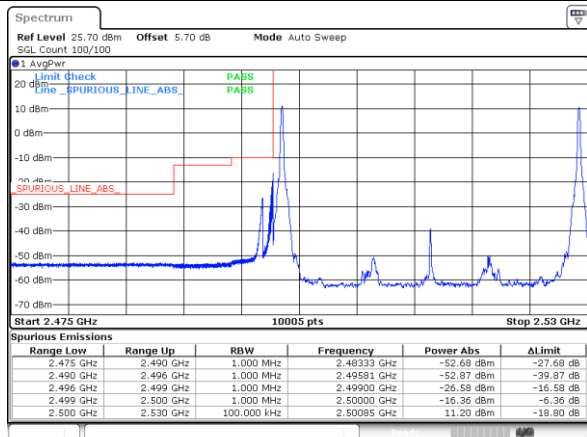




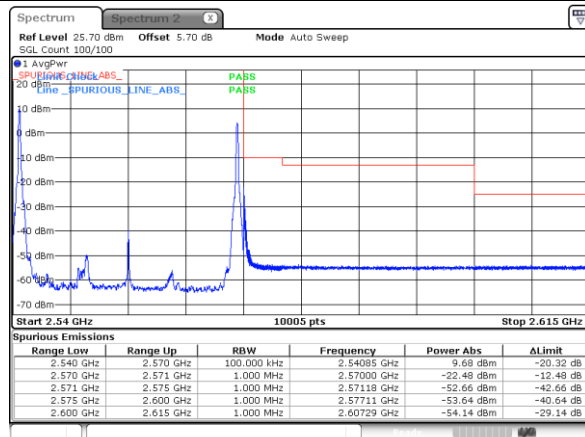
## LTE Band 7 / 15MHz+15MHz

## QPSK

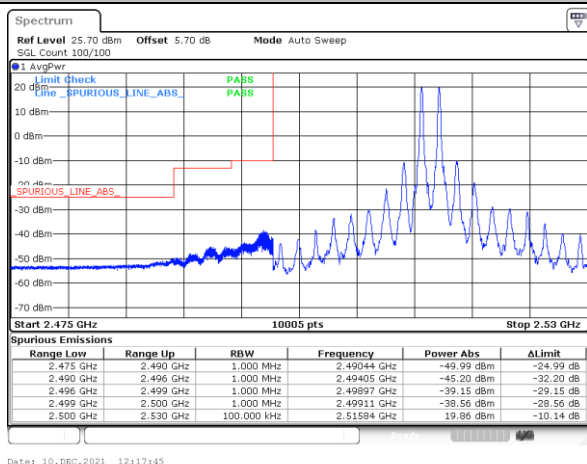
## Lowest Band Edge / 1RB0 and 1RB74



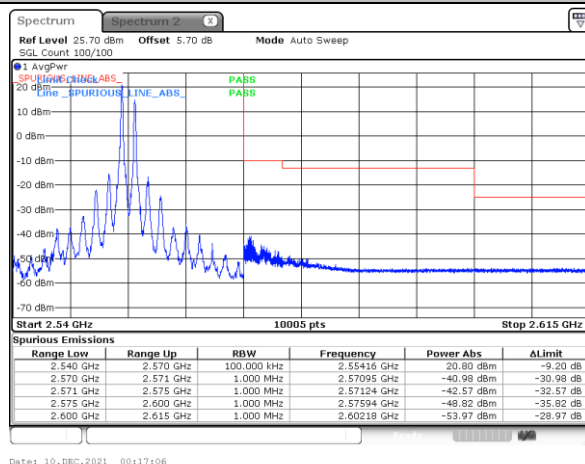
## Highest Band Edge / 1RB0 and 1RB74



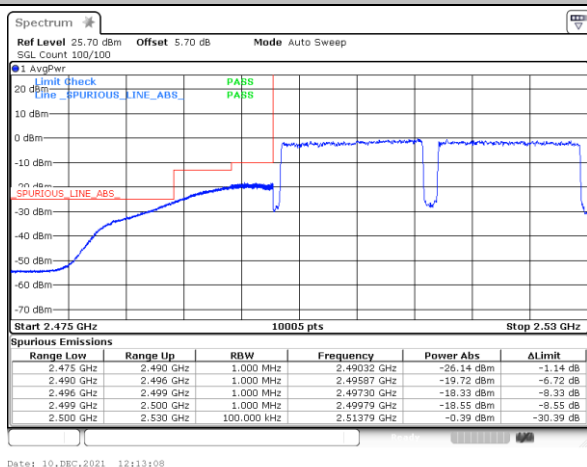
## Lowest Band Edge / 1RB74 and 1RB0



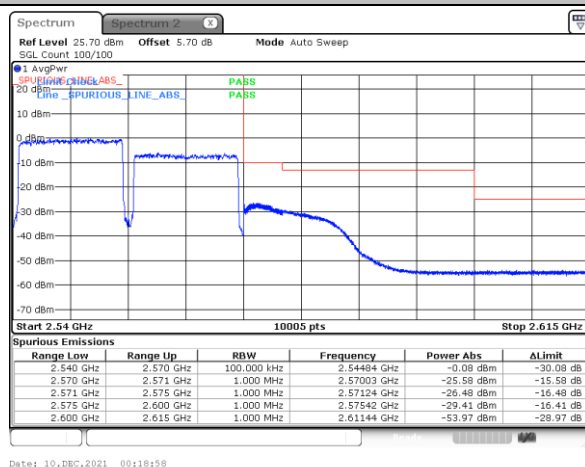
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

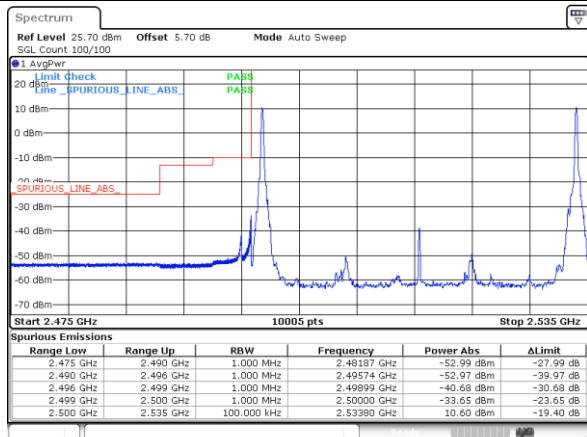




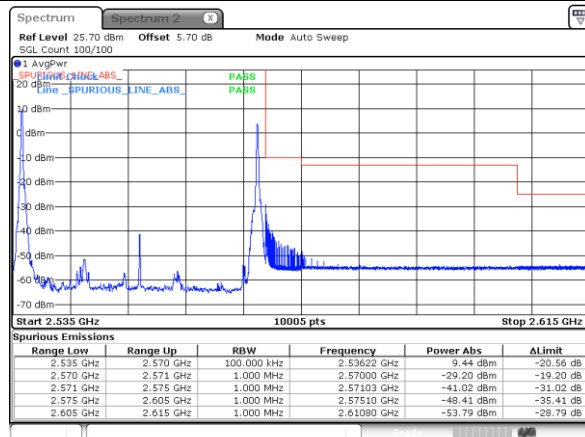
## LTE Band 7 / 15MHz+20MHz

## QPSK

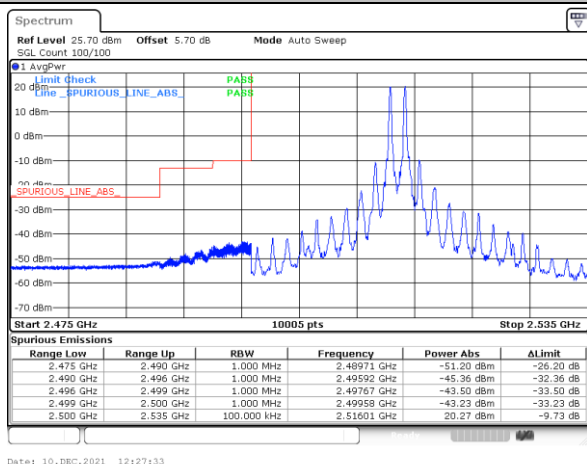
## Lowest Band Edge / 1RB0 and 1RB99



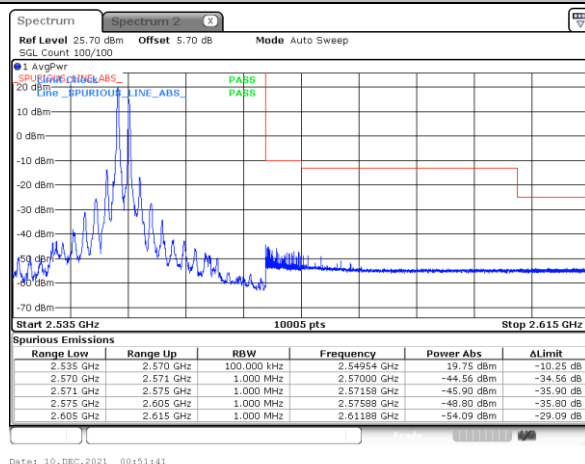
## Highest Band Edge / 1RB0 and 1RB99



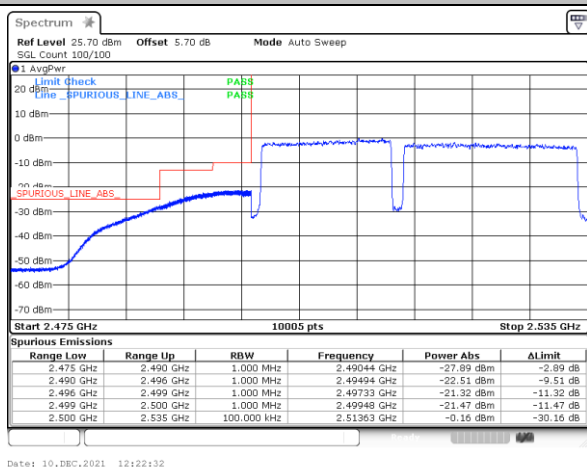
## Lowest Band Edge / 1RB74 and 1RB0



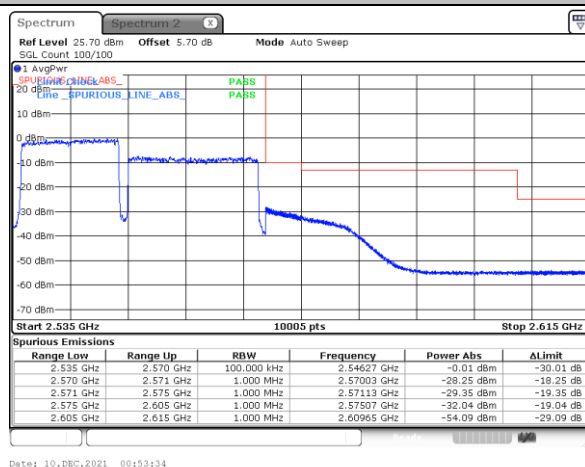
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

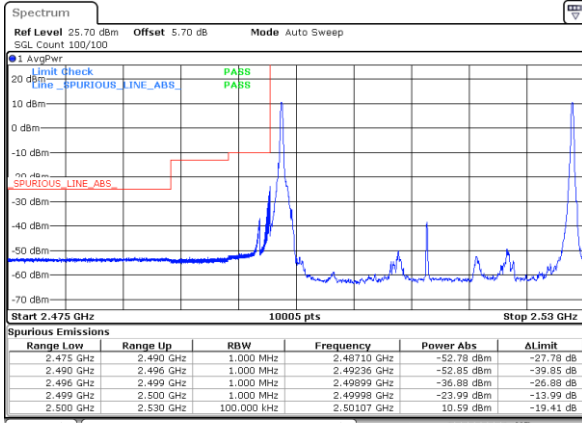




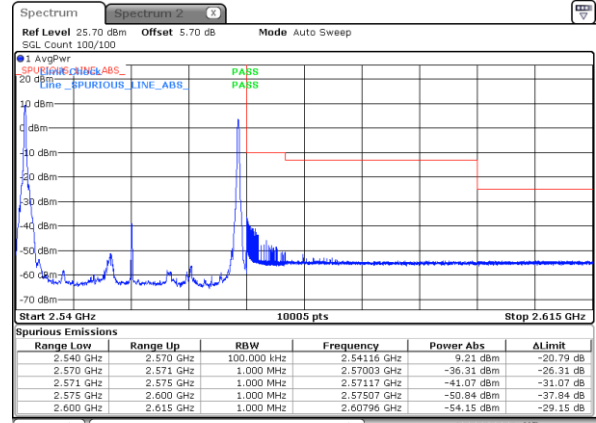
## LTE Band 7 / 20MHz+10MHz

## QPSK

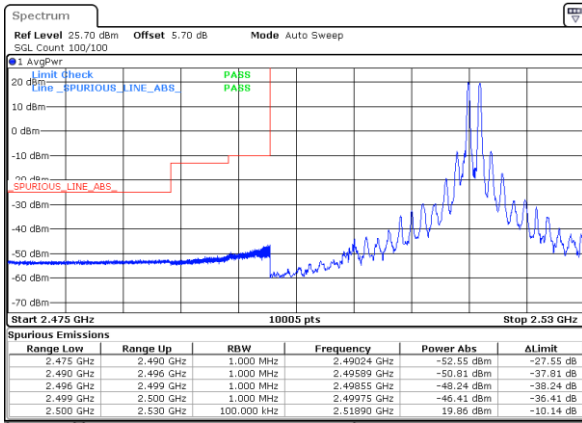
## Lowest Band Edge / 1RB0 and 1RB74



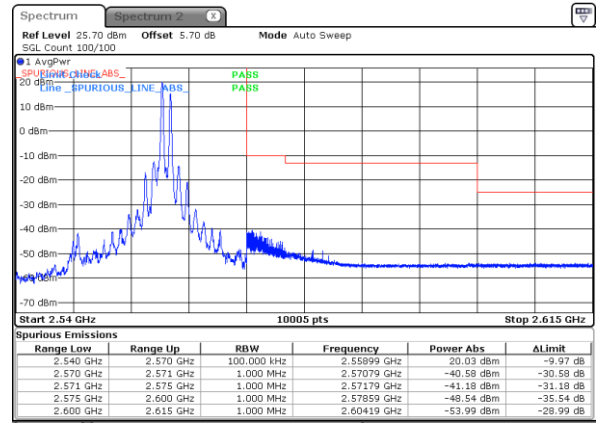
## Highest Band Edge / 1RB0 and 1RB74



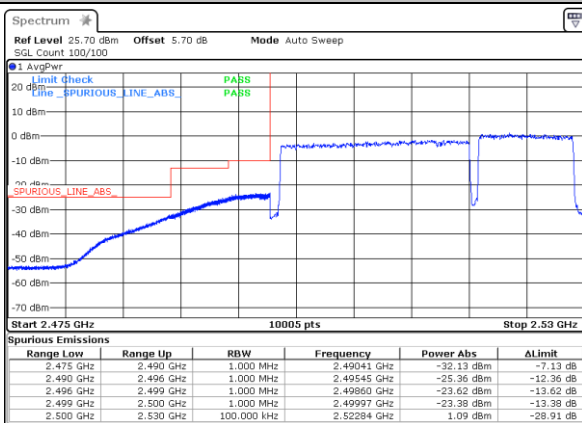
## Lowest Band Edge / 1RB99 and 1RB0



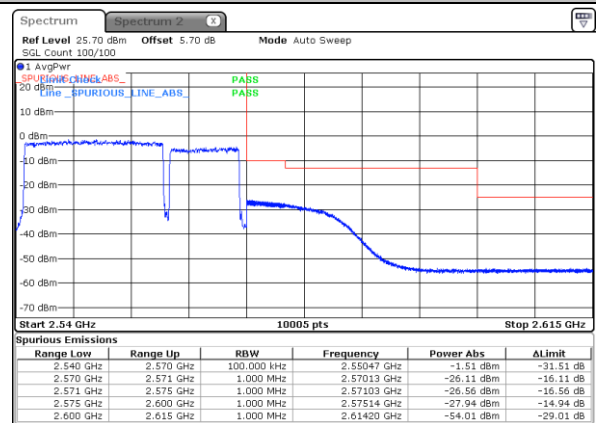
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

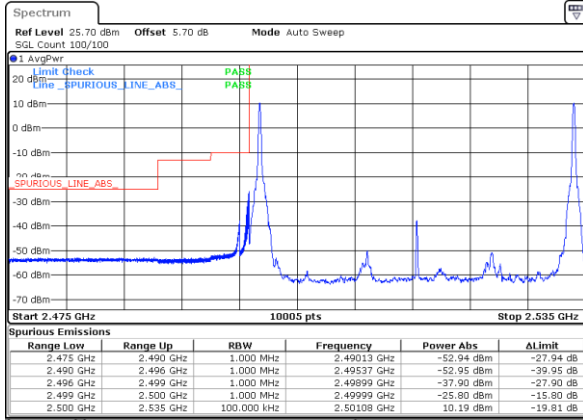




## LTE Band 7 / 20MHz+15MHz

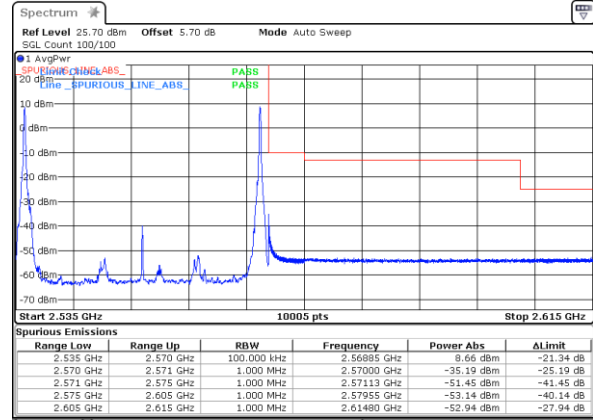
## QPSK

## Lowest Band Edge / 1RB0 and 1RB74



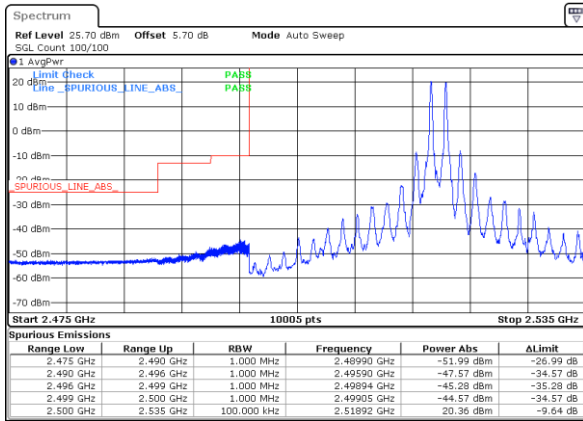
Date: 10, DEC, 2021 12:47:53

## Highest Band Edge / 1RB0 and 1RB74



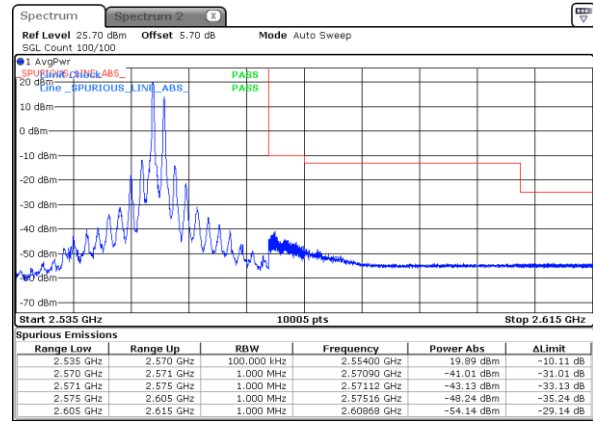
Date: 10, DEC, 2021 10:35:32

## Lowest Band Edge / 1RB99 and 1RB0



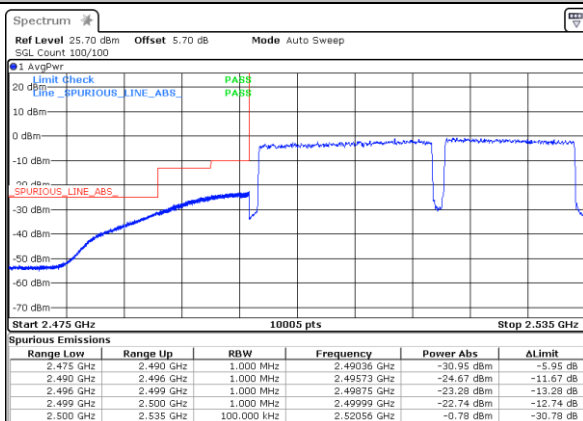
Date: 10, DEC, 2021 12:56:04

## Highest Band Edge / 1RB99 and 1RB0



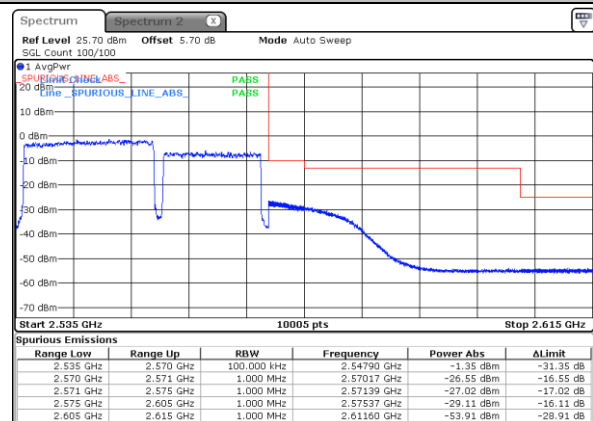
Date: 10, DEC, 2021 02:00:11

## Lowest Band Edge / Full RB



Date: 10, DEC, 2021 12:45:16

## Highest Band Edge / Full RB



Date: 10, DEC, 2021 02:02:03





### Lowest Band Edge / 1RB0 and 1RB99



Date: 10.DEC.2021 02:24:45

Date: 10.DEC.2021 13:04:55

Date: 10.DEC.2021 02:34:05

Date: 10.DEC.2021 12:59:04

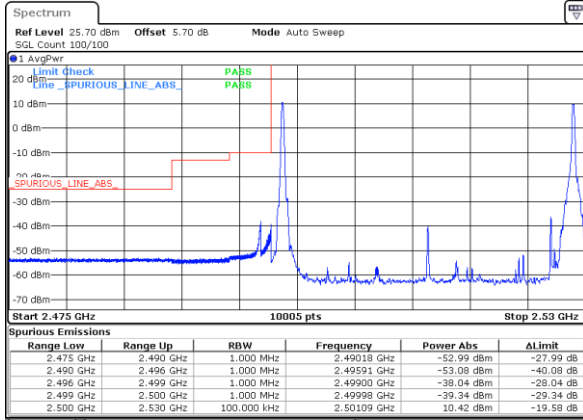
Date: 10.DEC.2021 02:35:57



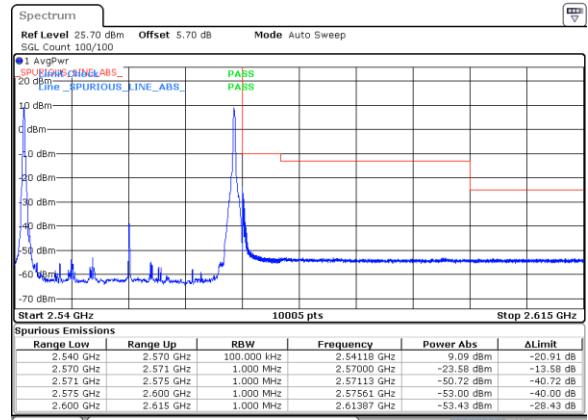
## LTE Band 7 / 10MHz+20MHz

## 16QAM

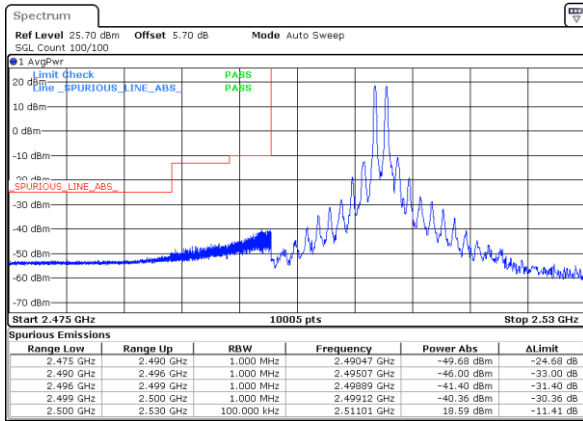
## Lowest Band Edge / 1RB0 and 1RB99



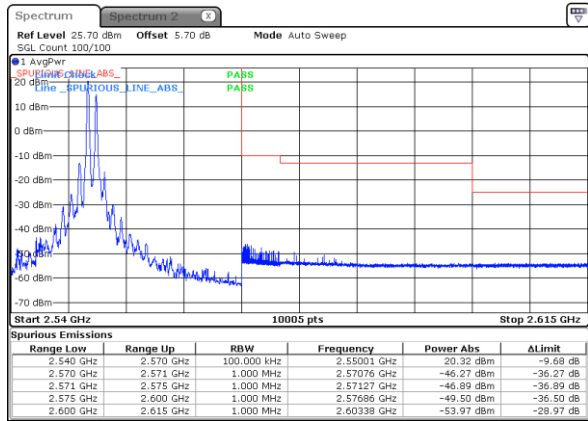
## Highest Band Edge / 1RB0 and 1RB99



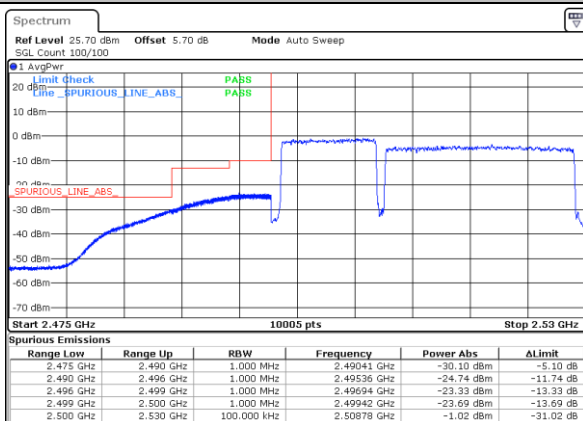
## Lowest Band Edge / 1RB49 and 1RB0



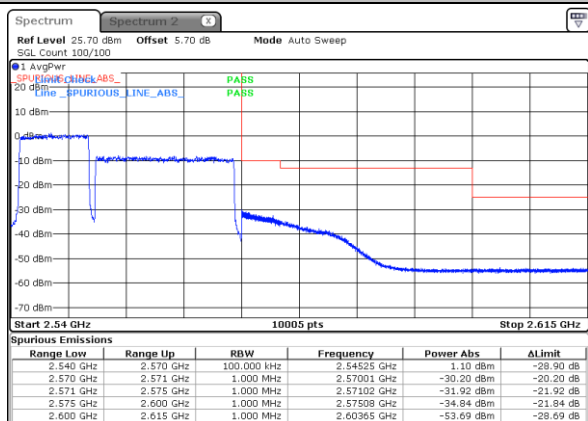
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB





## LTE Band 7 / 15MHz+10MHz

### Lowest Band Edge / 1RB0 and 1RB49



### Highest Band Edge / 1RB0 and 1RB49



### Lowest Band Edge / 1RB74 and 1RB0



### Highest Band Edge / 1RB74 and 1RB0



### Lowest Band Edge / Full RB



### Highest Band Edge / Full RB

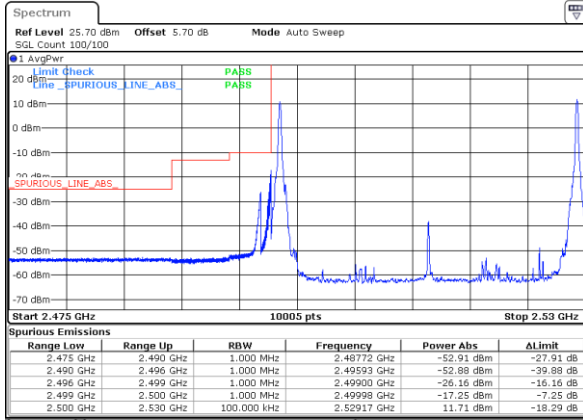




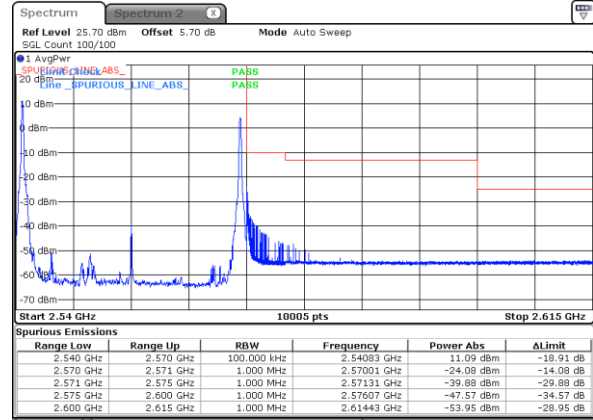
## LTE Band 7 / 15MHz+15MHz

## 16QAM

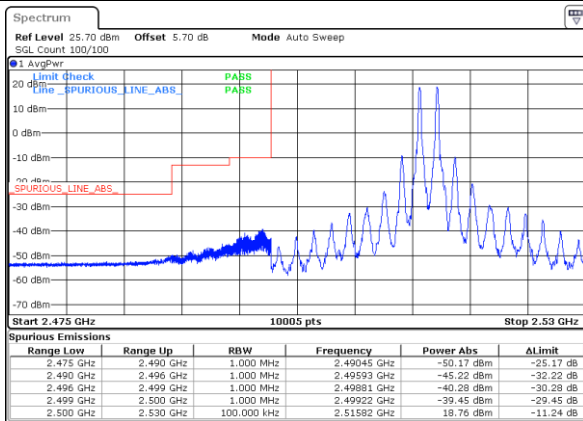
## Lowest Band Edge / 1RB0 and 1RB74



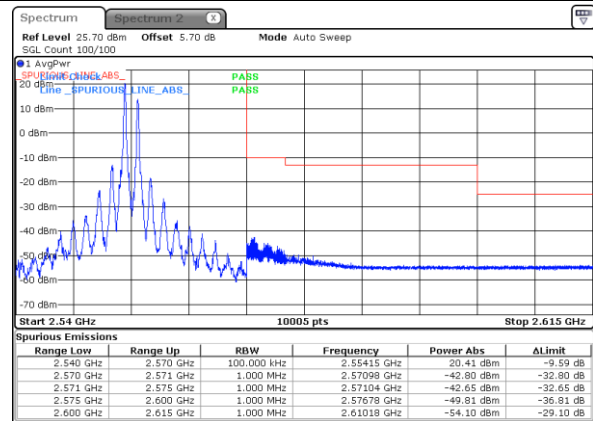
## Highest Band Edge / 1RB0 and 1RB74



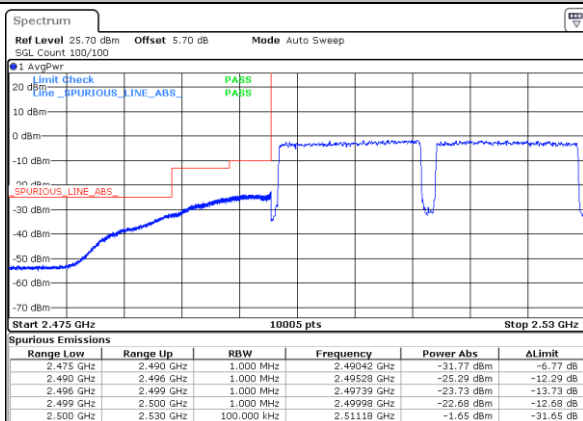
## Lowest Band Edge / 1RB74 and 1RB0



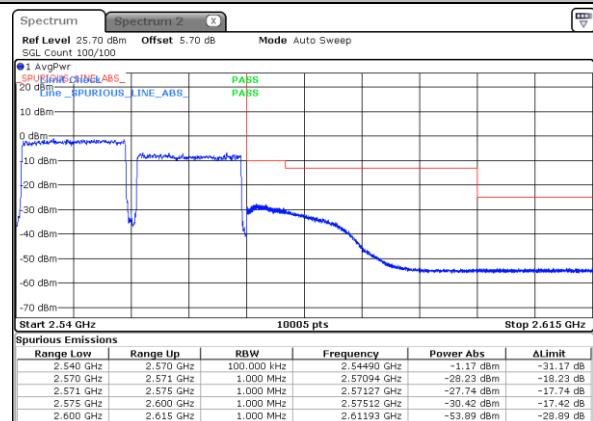
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

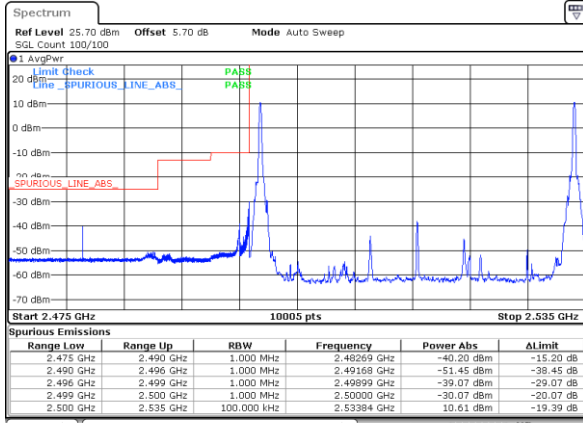




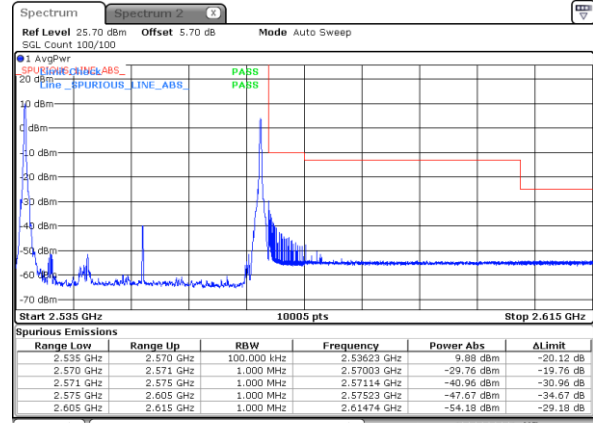
## LTE Band 7 / 15MHz+20MHz

## 16QAM

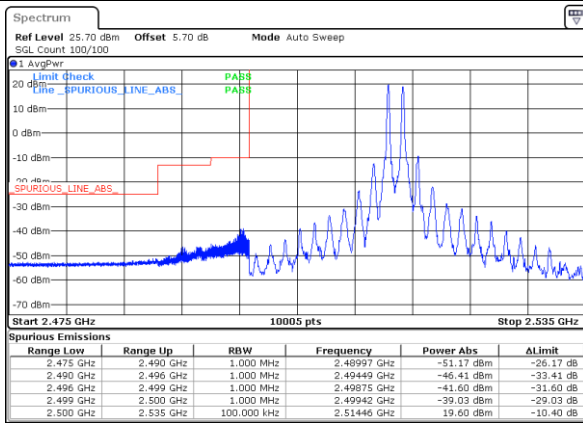
## Lowest Band Edge / 1RB0 and 1RB99



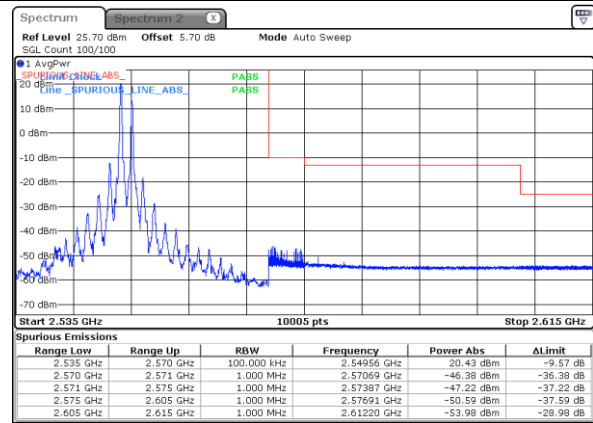
## Highest Band Edge / 1RB0 and 1RB99



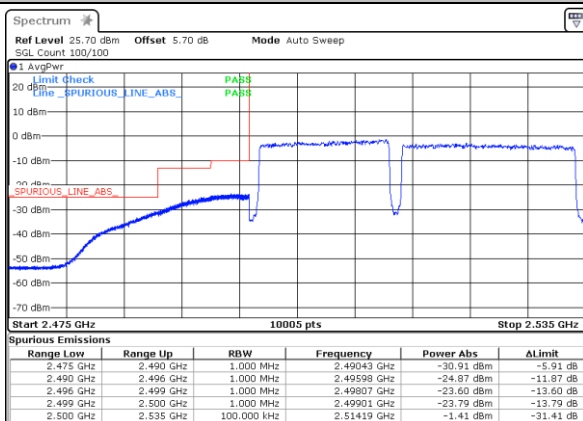
## Lowest Band Edge / 1RB74 and 1RB0



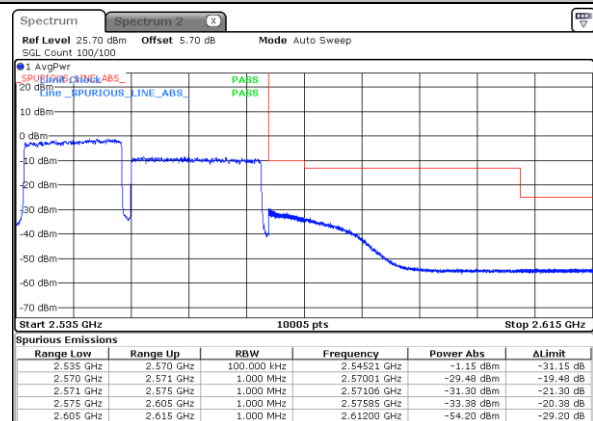
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

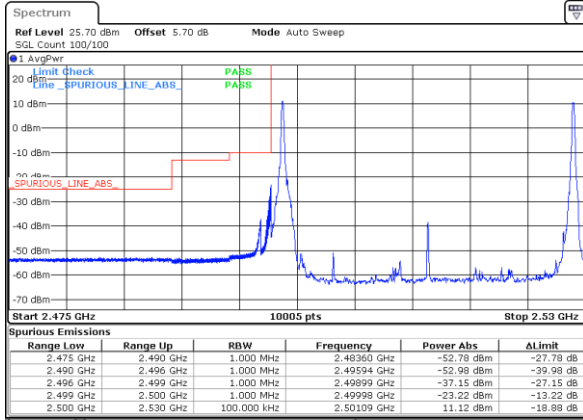




## LTE Band 7 / 20MHz+10MHz

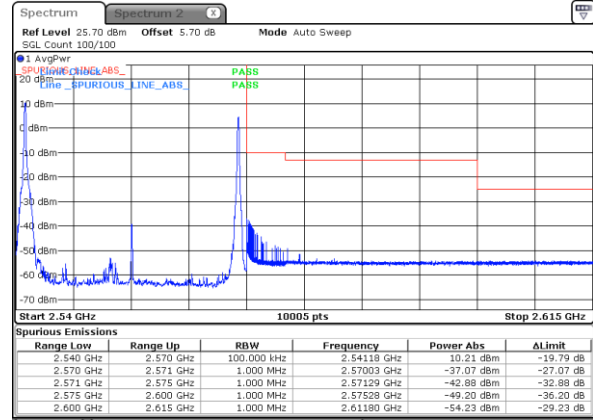
## 16QAM

## Lowest Band Edge / 1RB0 and 1RB49



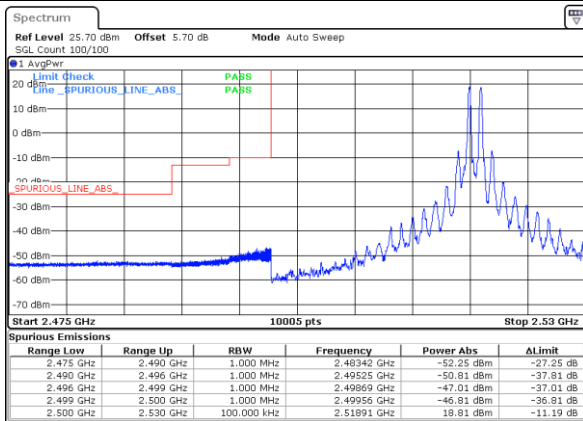
Date: 10, DEC, 2021 12:13:02

## Highest Band Edge / 1RB0 and 1RB49



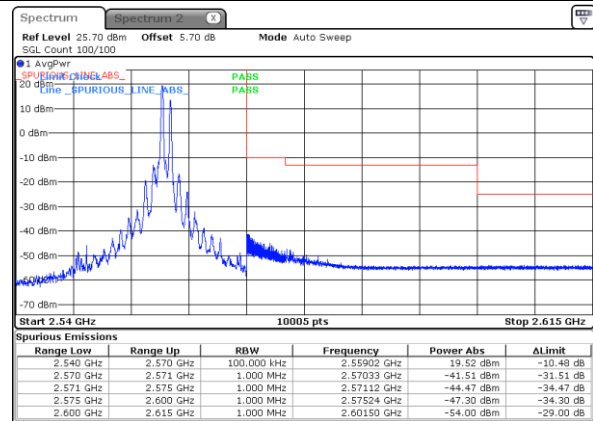
Date: 10, DEC, 2021 01:18:07

## Lowest Band Edge / 1RB99 and 1RB0



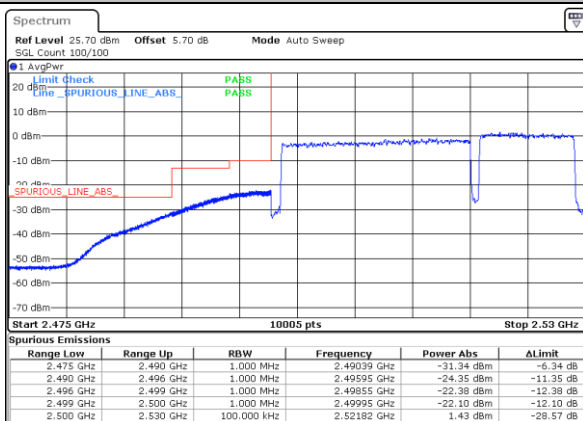
Date: 10, DEC, 2021 12:17:45

## Highest Band Edge / 1RB99 and 1RB0



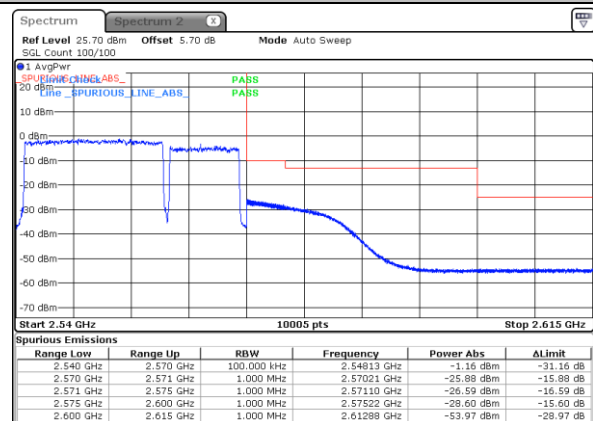
Date: 10, DEC, 2021 01:23:45

## Lowest Band Edge / Full RB



Date: 10, DEC, 2021 12:31:38

## Highest Band Edge / Full RB



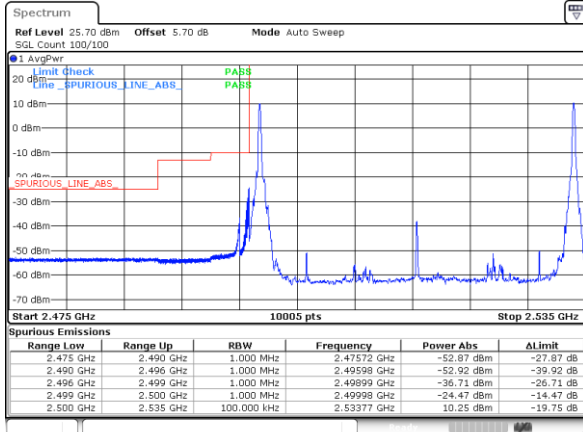
Date: 10, DEC, 2021 01:29:21



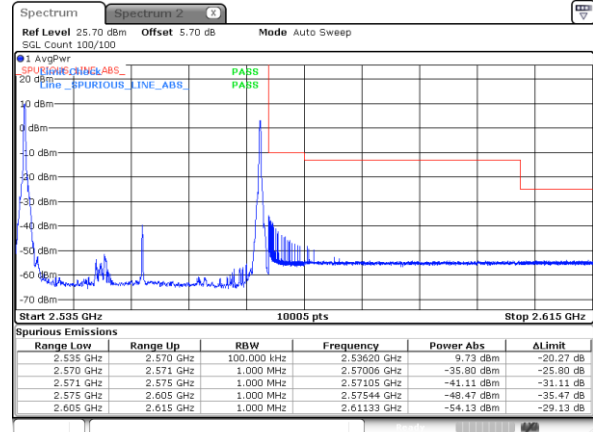
## LTE Band 7 / 20MHz+15MHz

## 16QAM

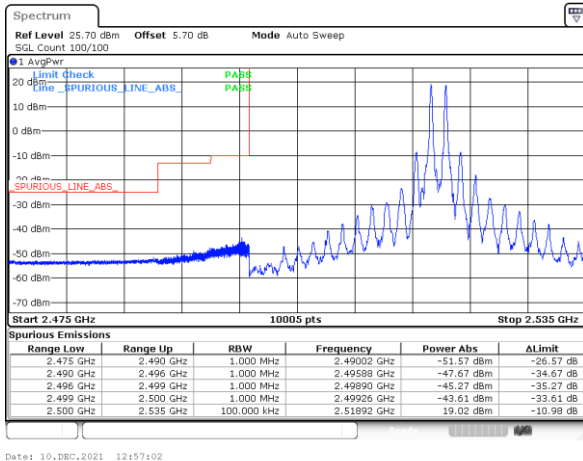
## Lowest Band Edge / 1RB0 and 1RB74



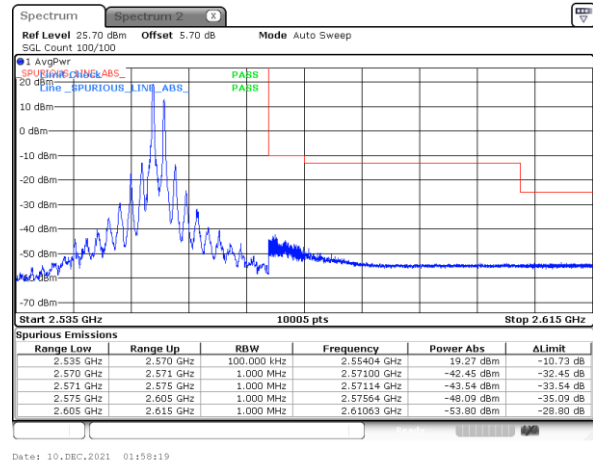
## Highest Band Edge / 1RB0 and 1RB74



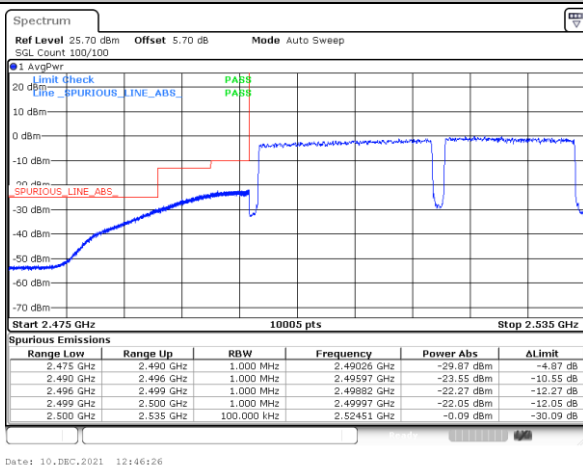
## Lowest Band Edge / 1RB99 and 1RB0



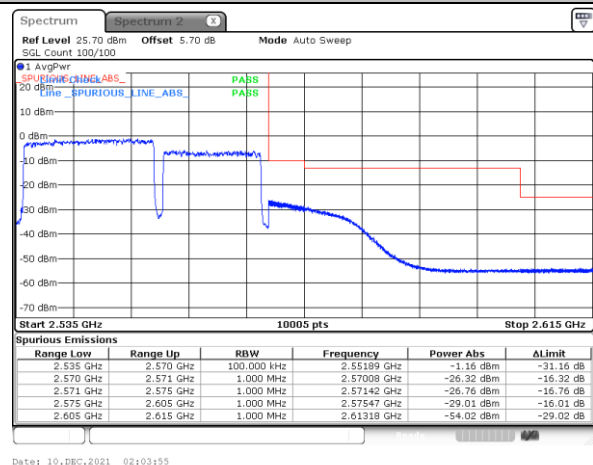
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



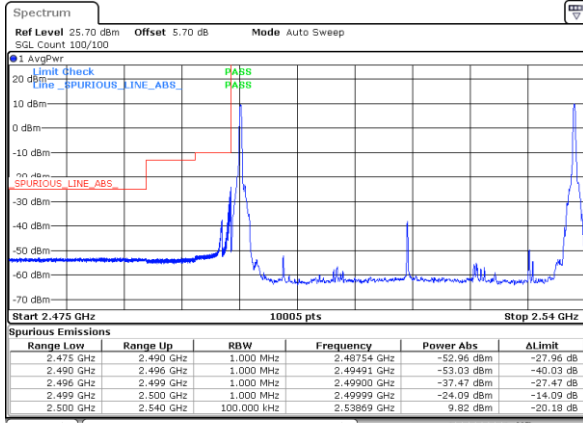




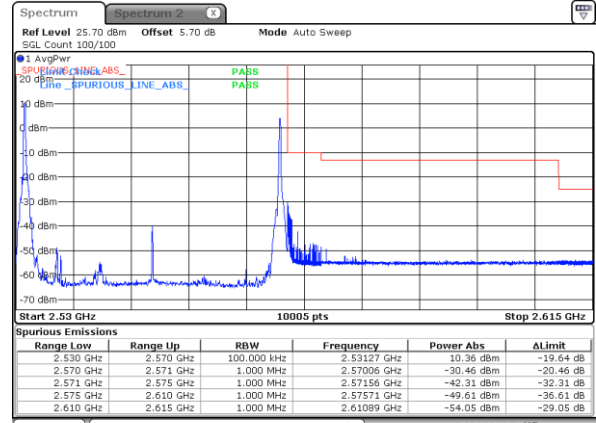
## LTE Band 7 / 20MHz+20MHz

## 16QAM

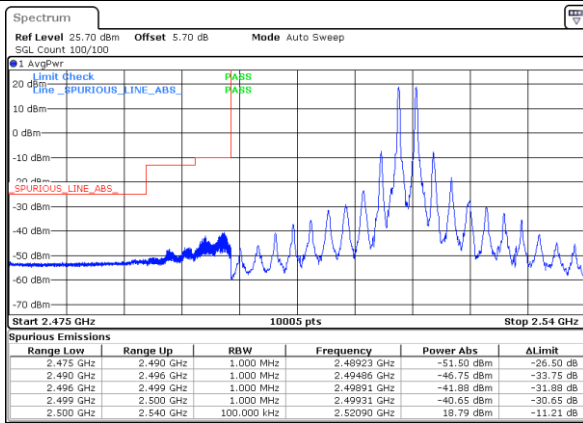
## Lowest Band Edge / 1RB0 and 1RB99



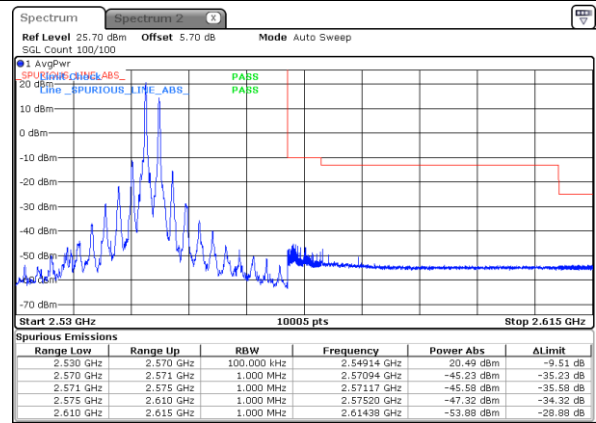
## Highest Band Edge / 1RB0 and 1RB99



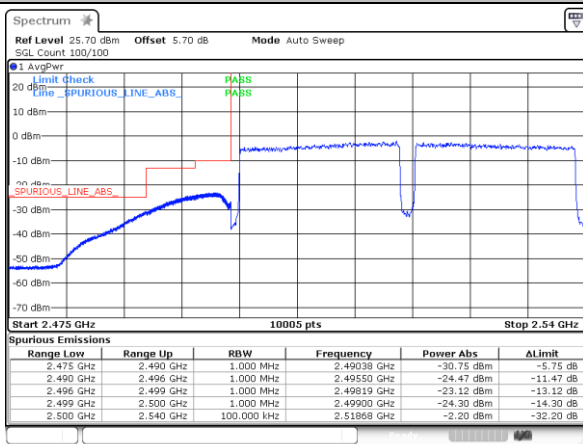
## Lowest Band Edge / 1RB99 and 1RB0



## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

