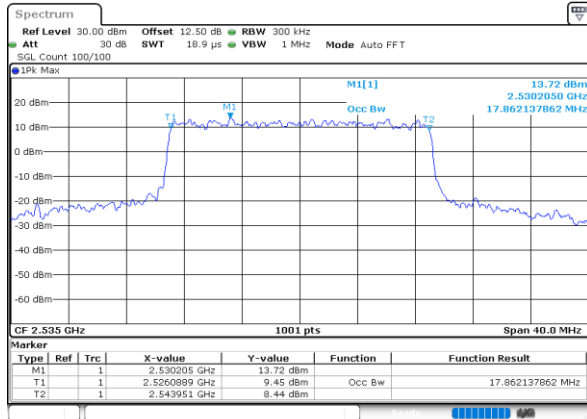


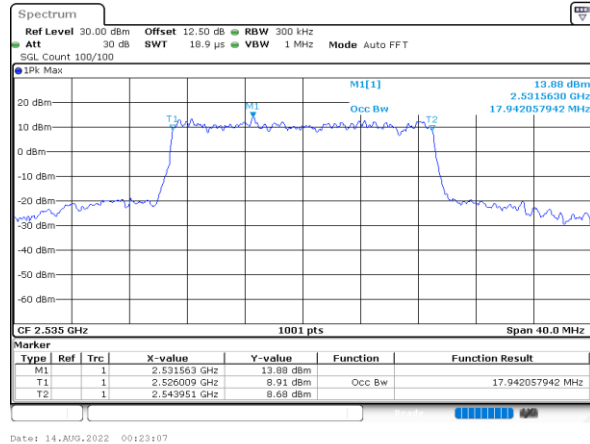


## LTE Band 7

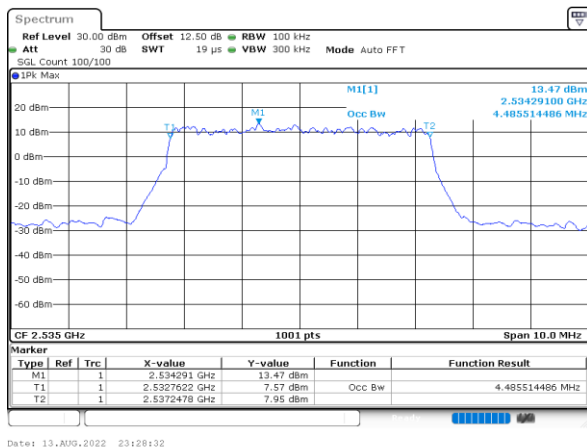
## Middle Channel / 20MHz / QPSK



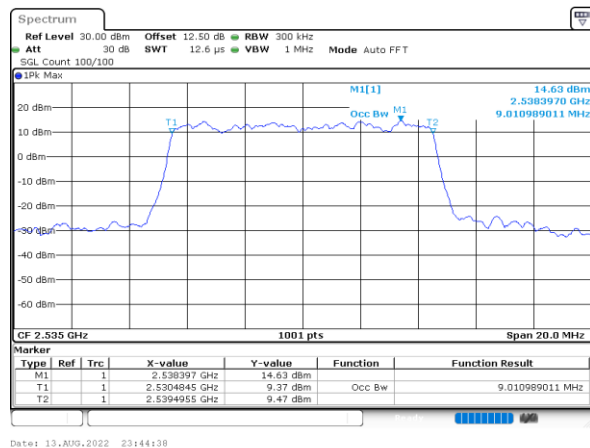
## Middle Channel / 20MHz / 16QAM



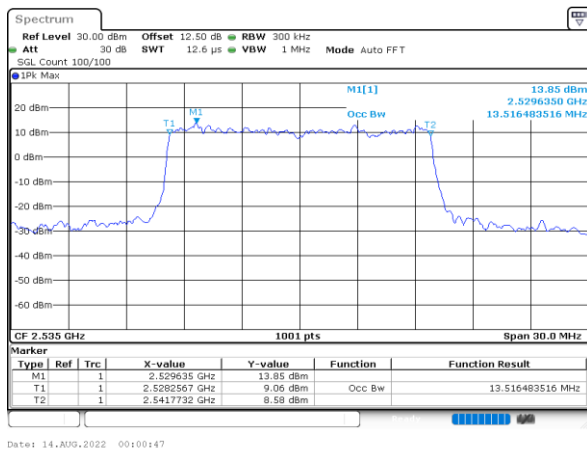
## Middle Channel / 5MHz / 64QAM



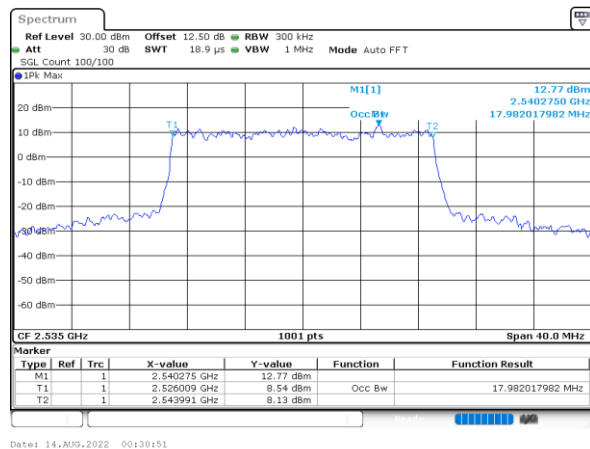
## Middle Channel / 10MHz / 64QAM



## Middle Channel / 15MHz / 64QAM



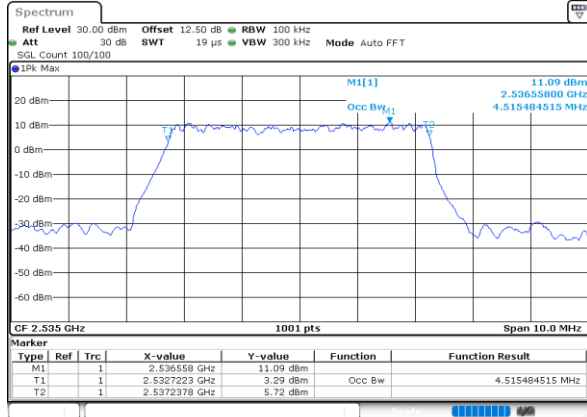
## Middle Channel / 20MHz / 64QAM



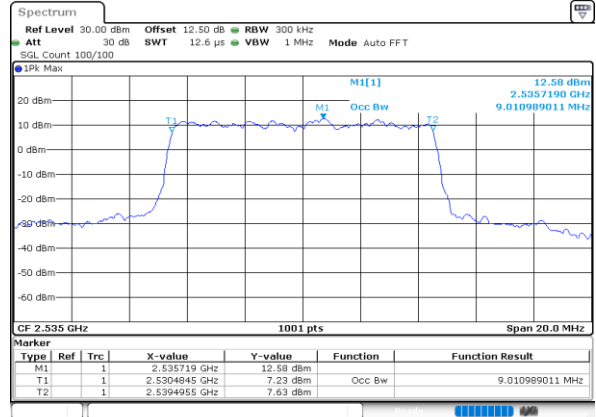


## LTE Band 7

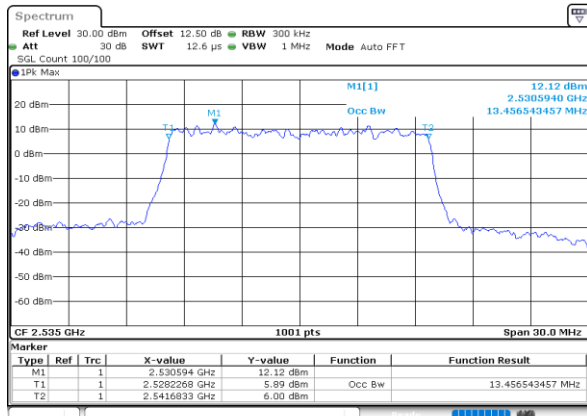
## Middle Channel / 5MHz / 256QAM



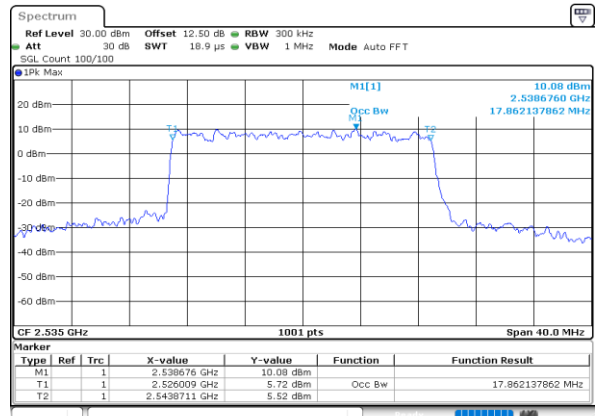
## Middle Channel / 10MHz / 256QAM

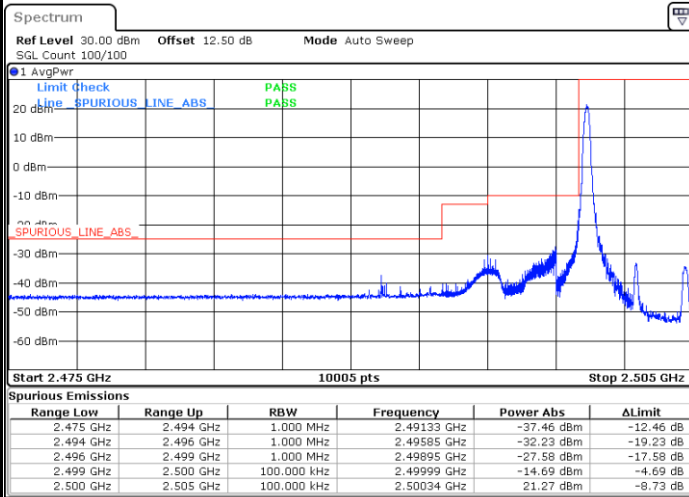
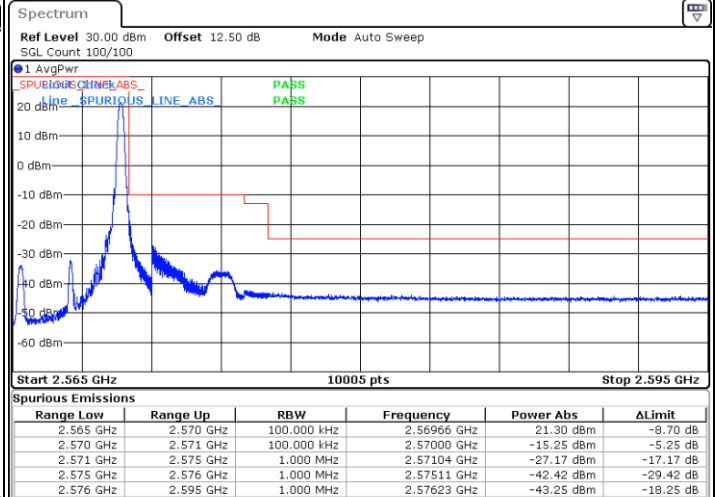
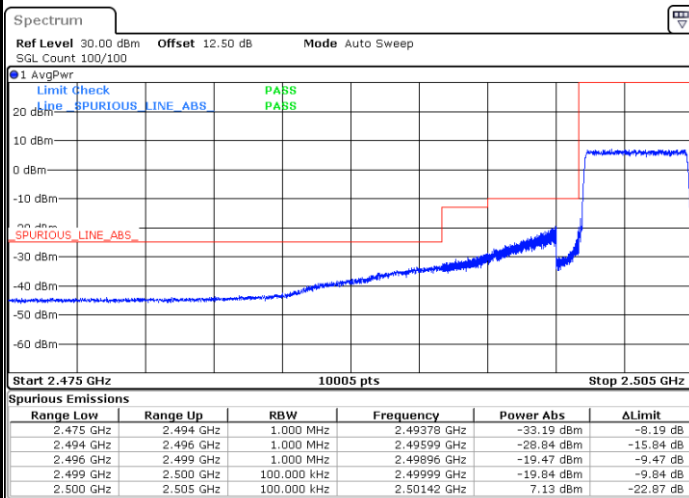
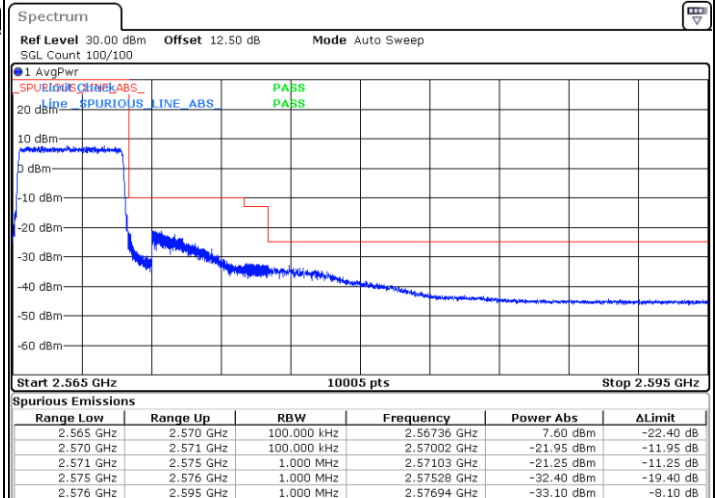


## Middle Channel / 15MHz / 256QAM



## Middle Channel / 20MHz / 256QAM

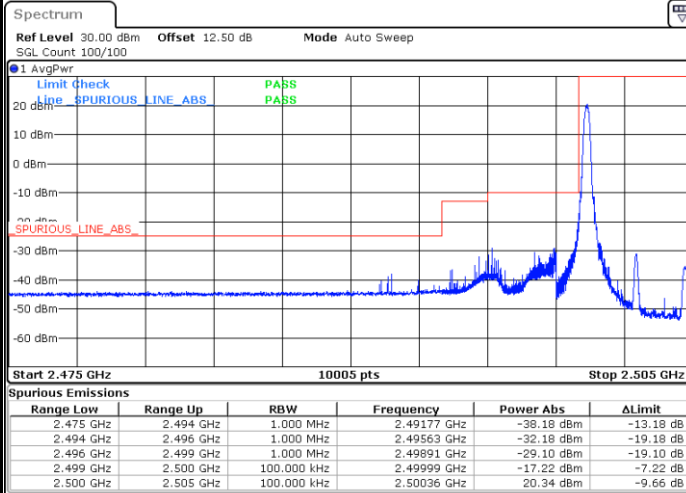


**Conducted Band Edge****LTE Band 7 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

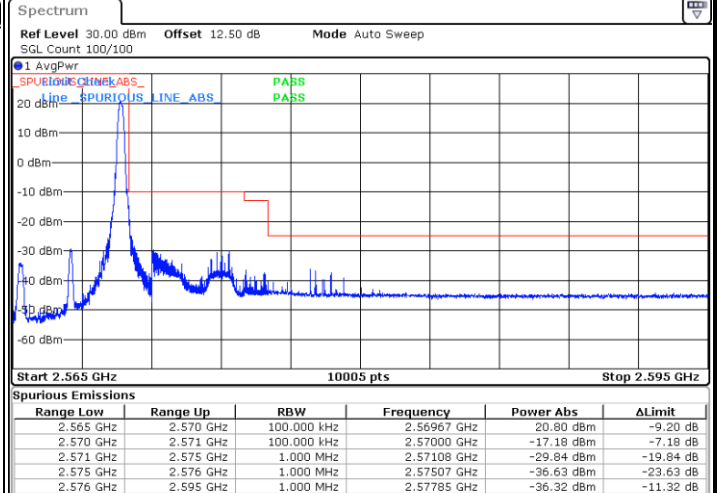


## LTE Band 7 / 5MHz / 16QAM

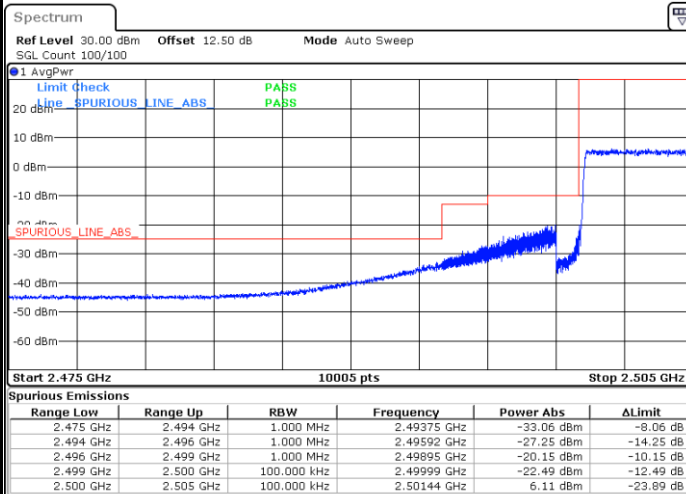
## Lowest Band Edge / 1RB



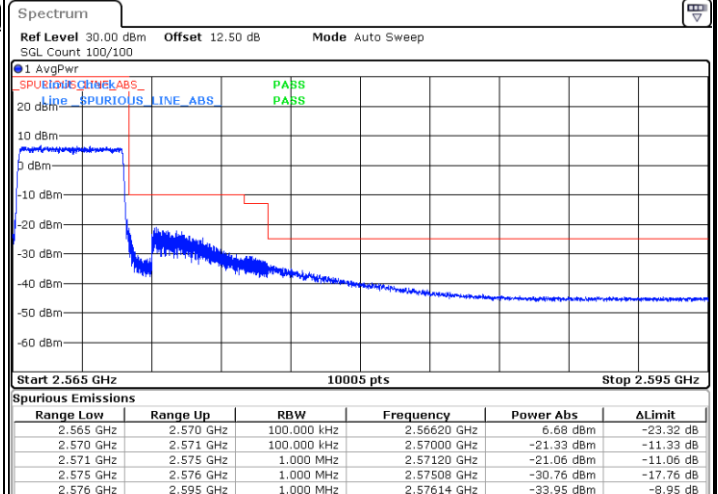
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



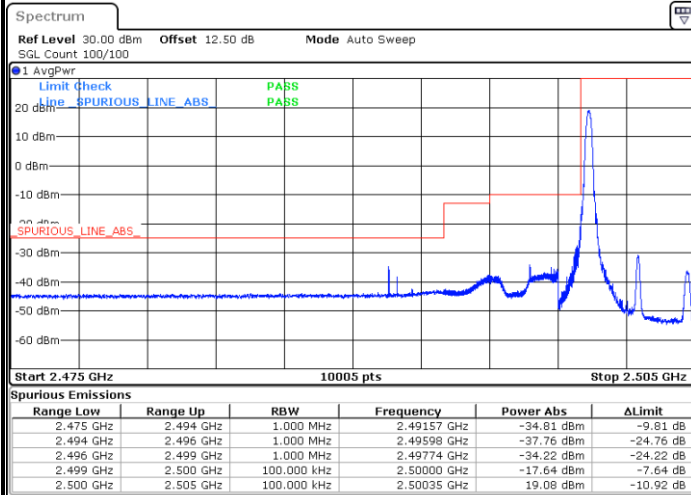
## Highest Band Edge / Full RB



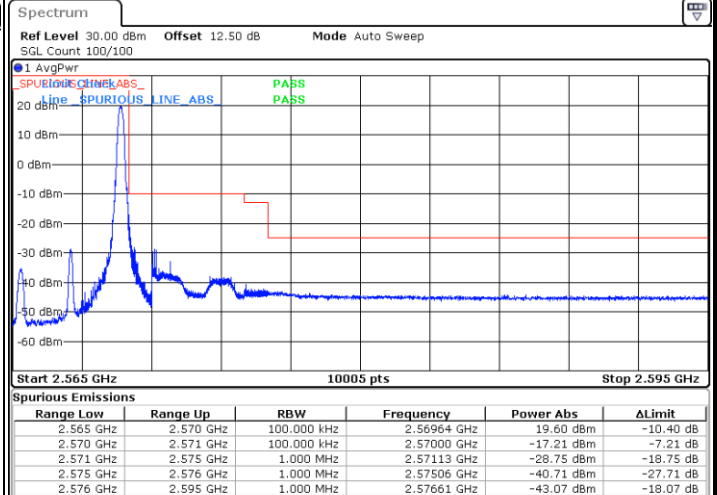


## LTE Band 7 / 5MHz / 64QAM

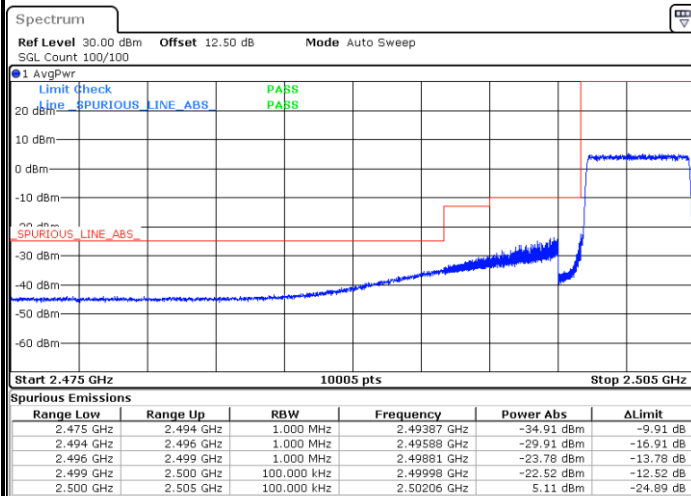
## Lowest Band Edge / 1RB



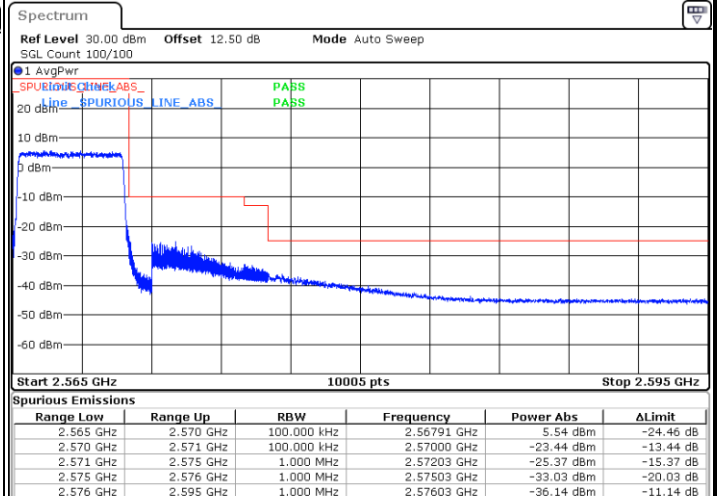
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



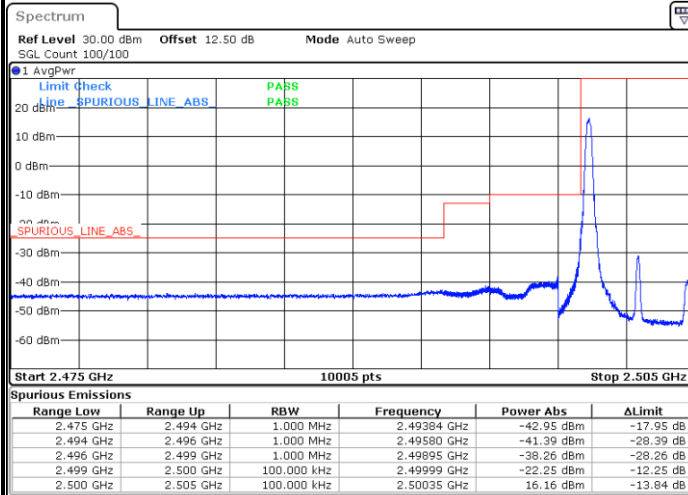
## Highest Band Edge / Full RB





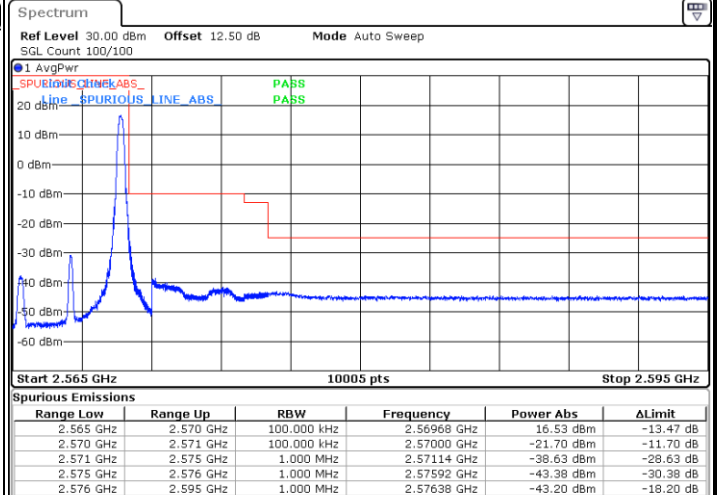
## LTE Band 7 / 5MHz / 256QAM

## Lowest Band Edge / 1RB



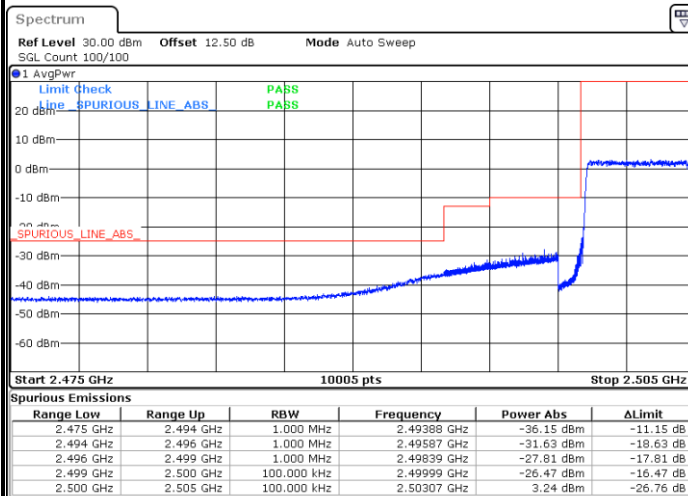
Date: 14.AUG.2022 00:33:29

## Highest Band Edge / 1 RB



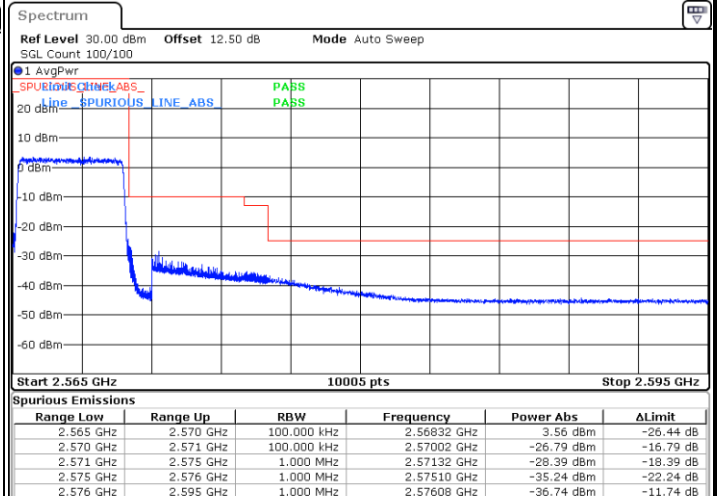
Date: 14.AUG.2022 00:36:45

## Lowest Band Edge / Full RB



Date: 14.AUG.2022 00:34:17

## Highest Band Edge / Full RB

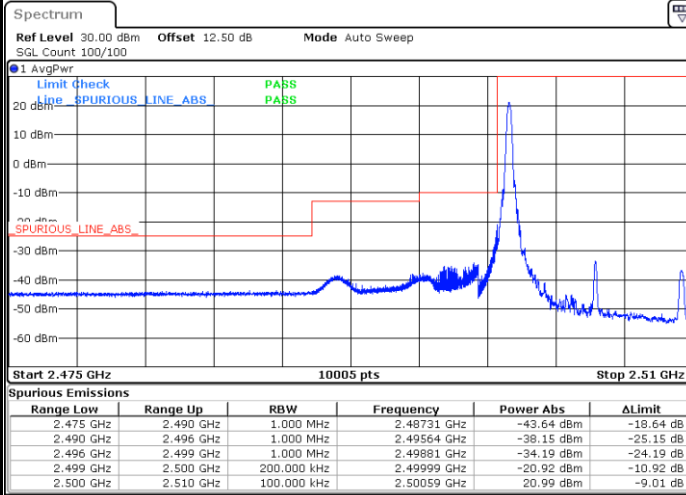


Date: 14.AUG.2022 00:37:32

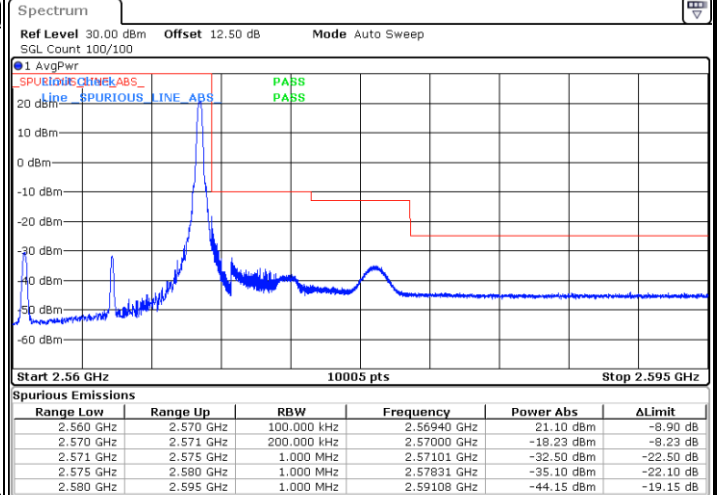


## LTE Band 7 / 10MHz / QPSK

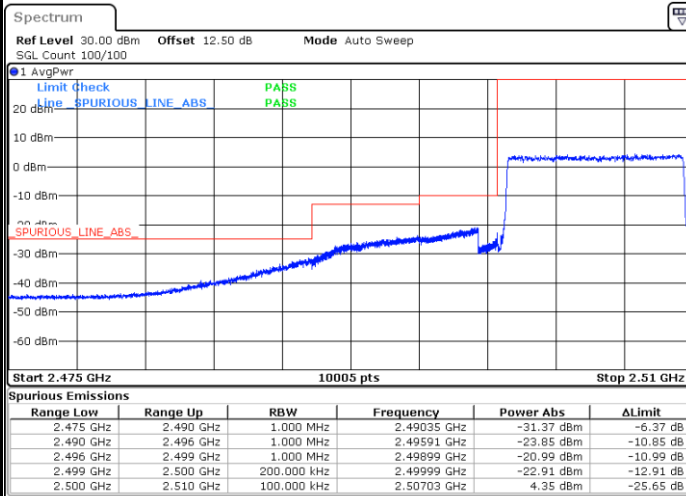
## Lowest Band Edge / 1 RB



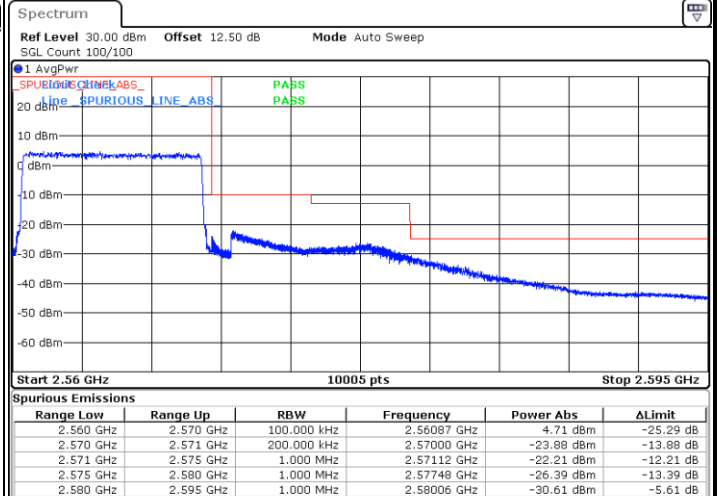
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



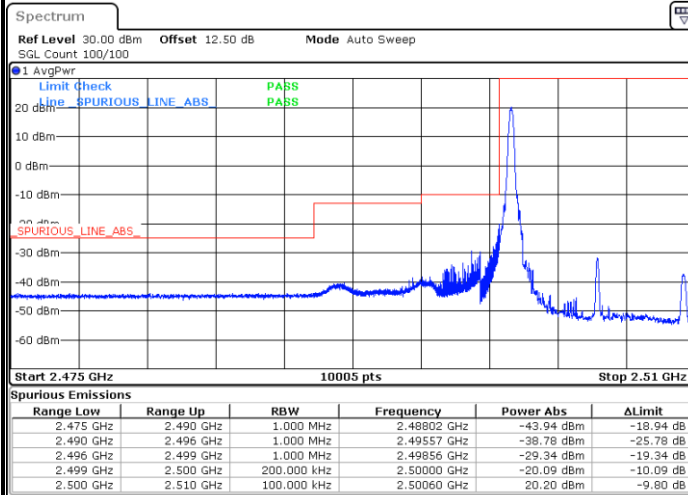
## Highest Band Edge / Full RB



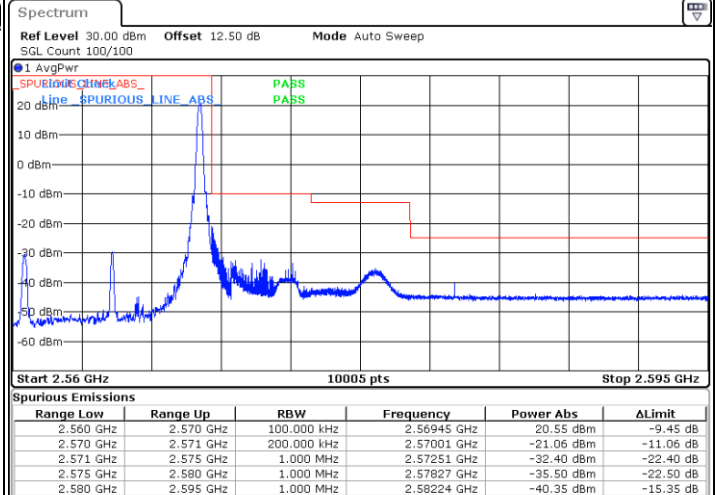


## LTE Band 7 / 10MHz / 16QAM

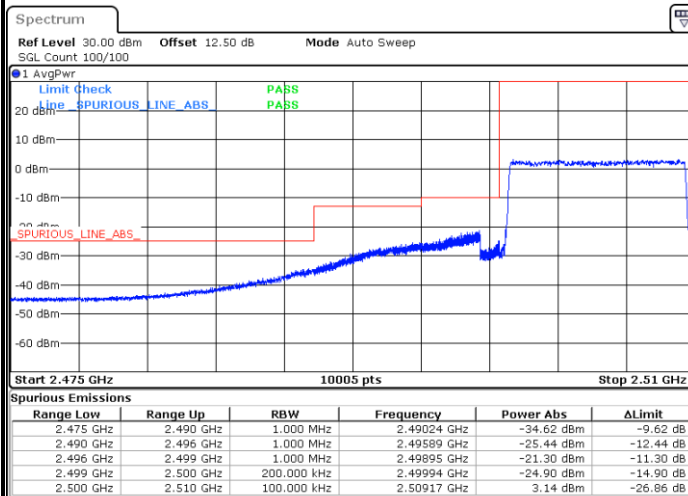
## Lowest Band Edge / 1 RB



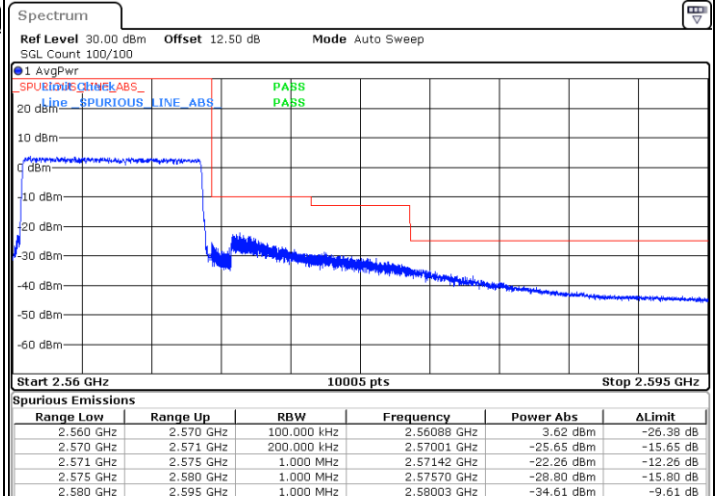
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



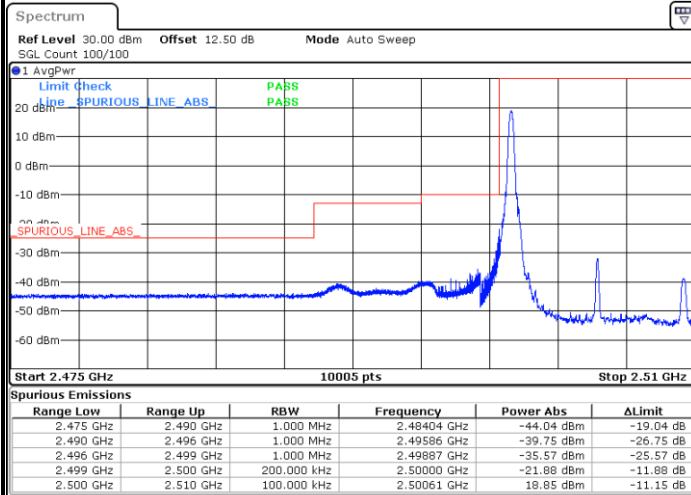
## Highest Band Edge / Full RB





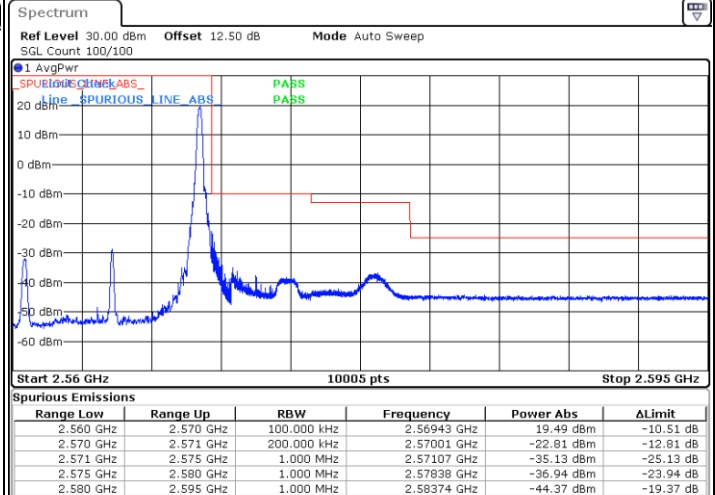
## LTE Band 7 / 10MHz / 64QAM

## Lowest Band Edge / 1 RB



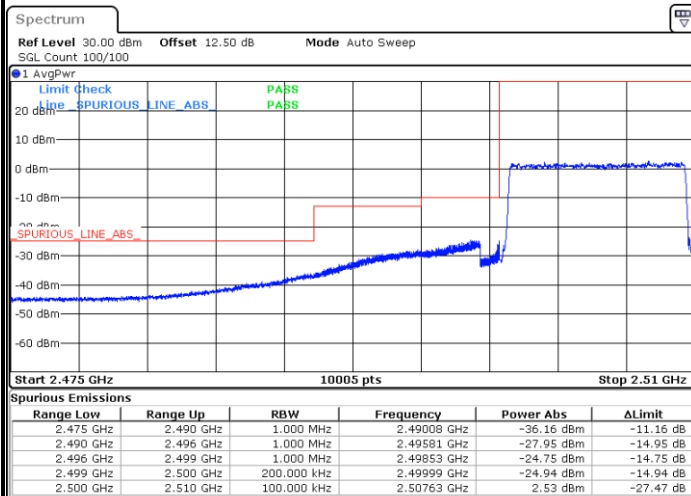
Date: 13.AUG.2022 23:43:18

## Highest Band Edge / 1 RB



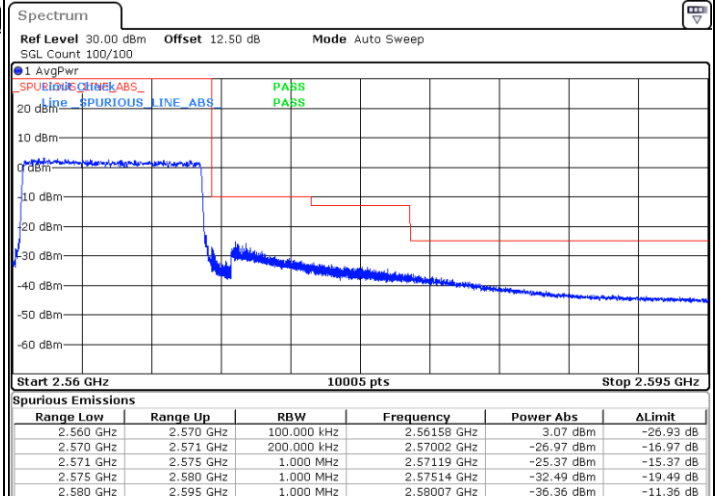
Date: 13.AUG.2022 23:45:40

## Lowest Band Edge / Full RB



Date: 13.AUG.2022 23:44:08

## Highest Band Edge / Full RB

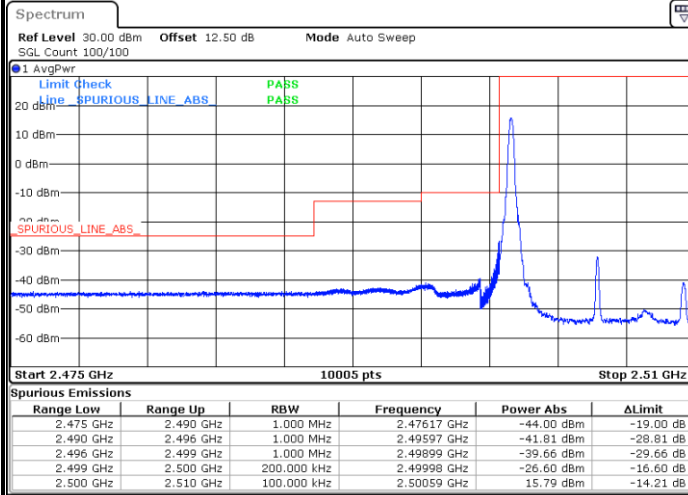


Date: 13.AUG.2022 23:46:30

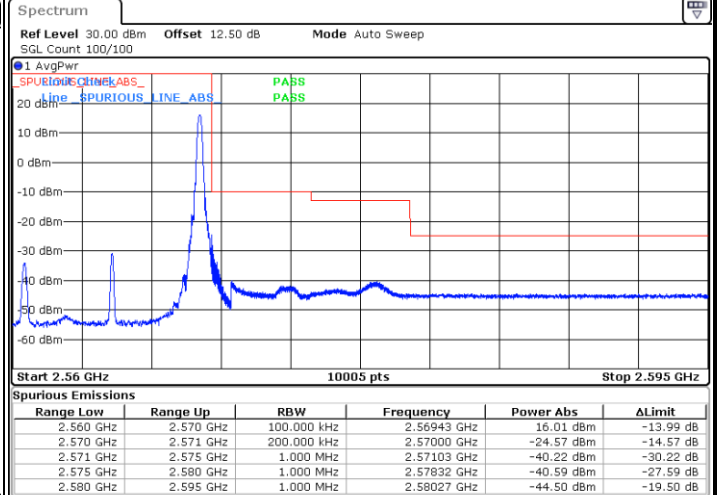


## LTE Band 7 / 10MHz / 256QAM

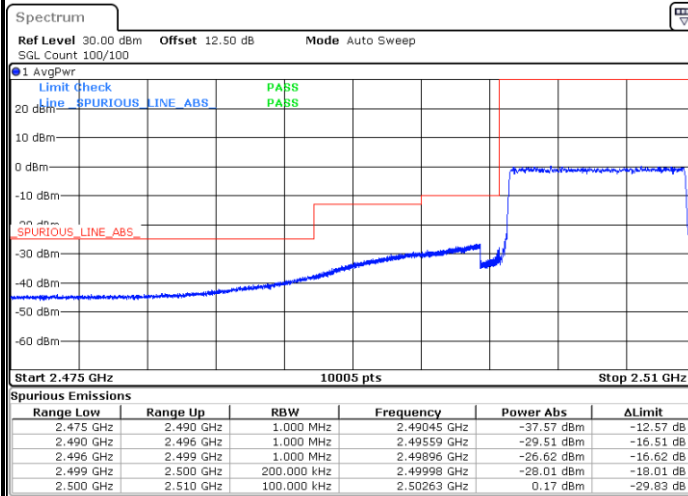
## Lowest Band Edge / 1 RB



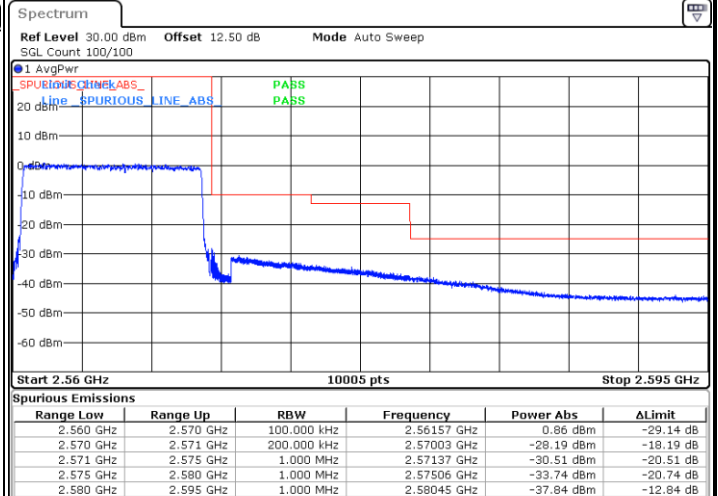
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



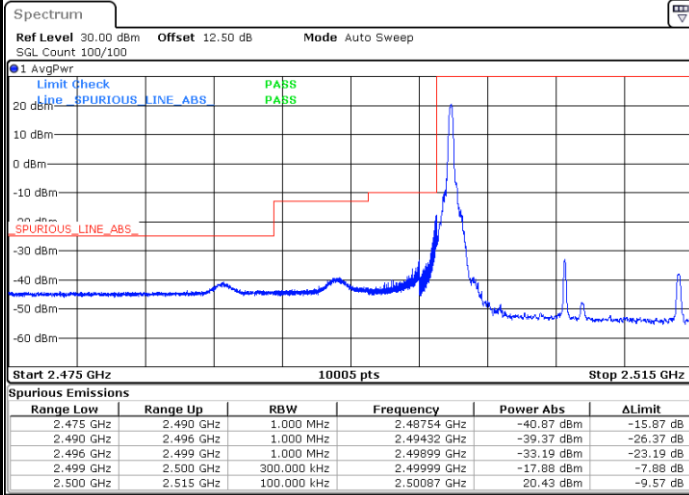
## Highest Band Edge / Full RB



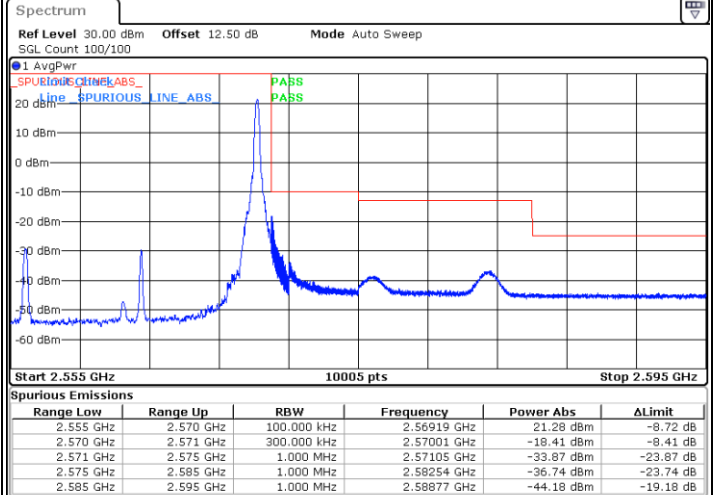


## LTE Band 7 / 15MHz / QPSK

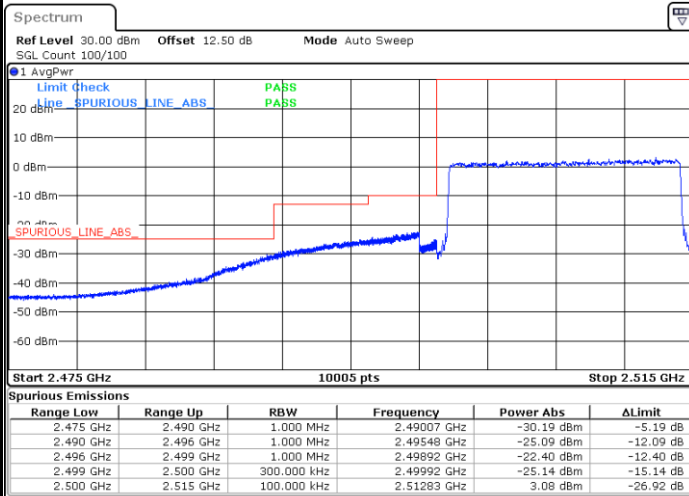
## Lowest Band Edge / 1 RB



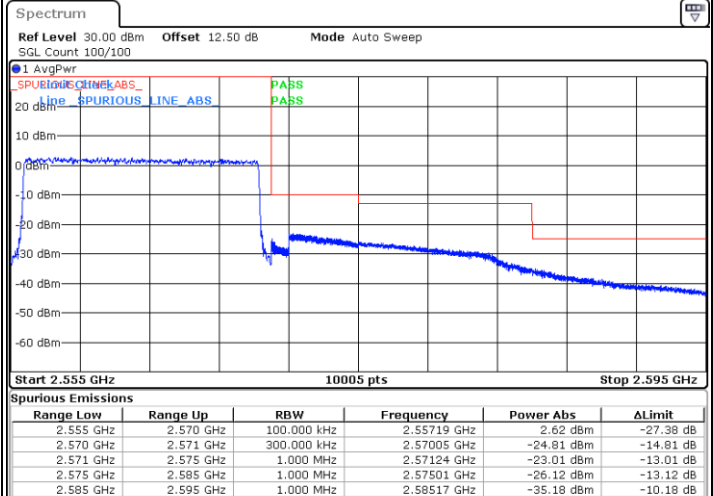
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



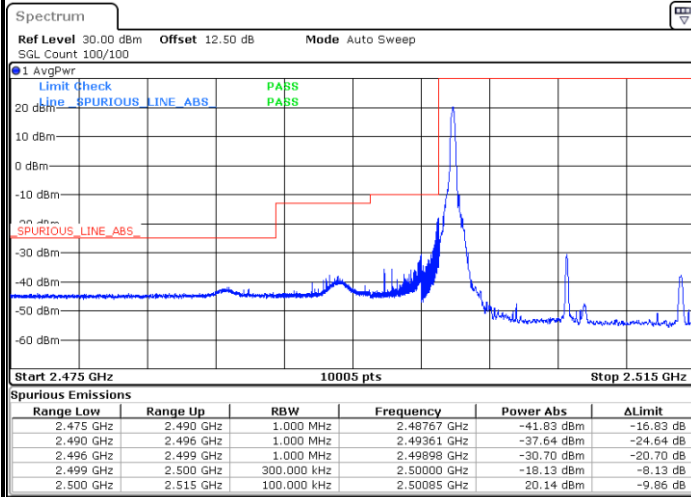
## Highest Band Edge / Full RB



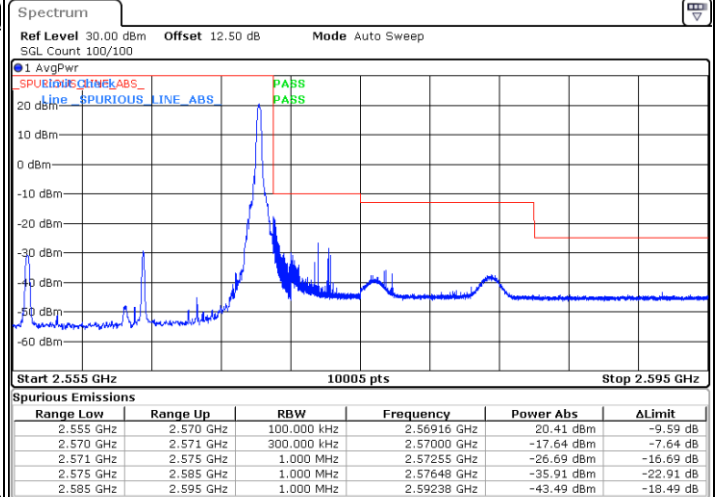


## LTE Band 7 / 15MHz / 16QAM

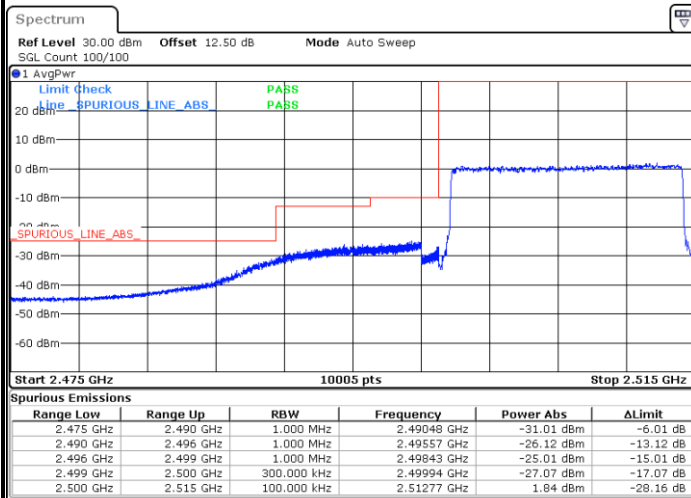
## Lowest Band Edge / 1 RB



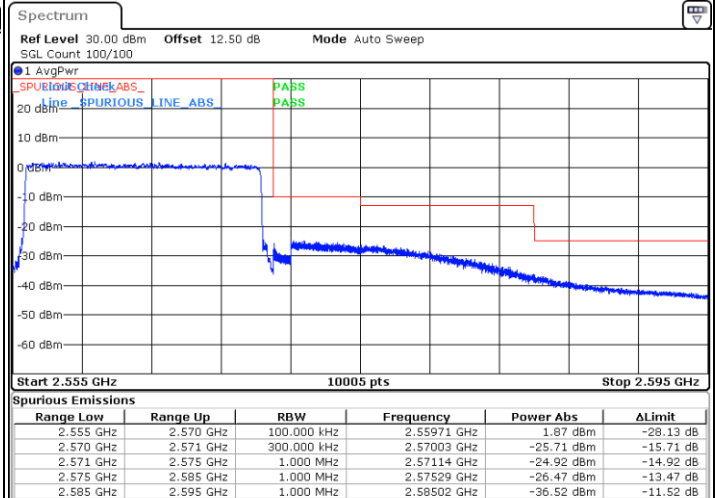
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



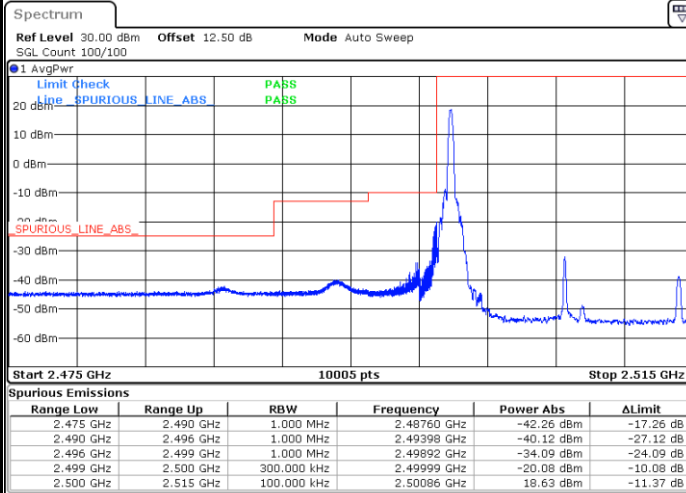
## Highest Band Edge / Full RB



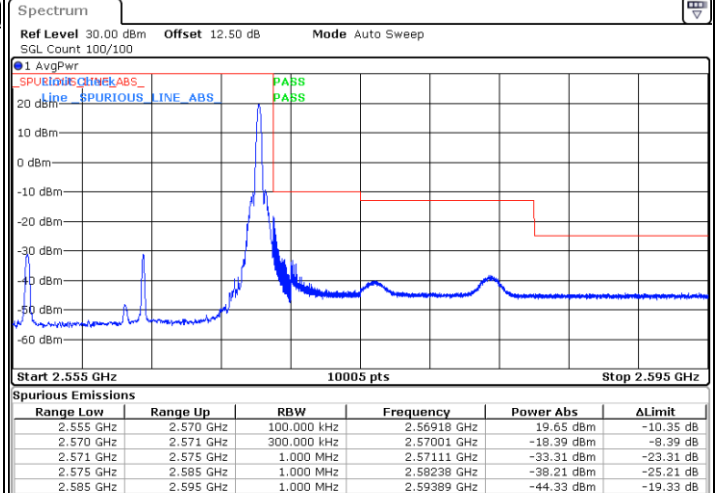


## LTE Band 7 / 15MHz / 64QAM

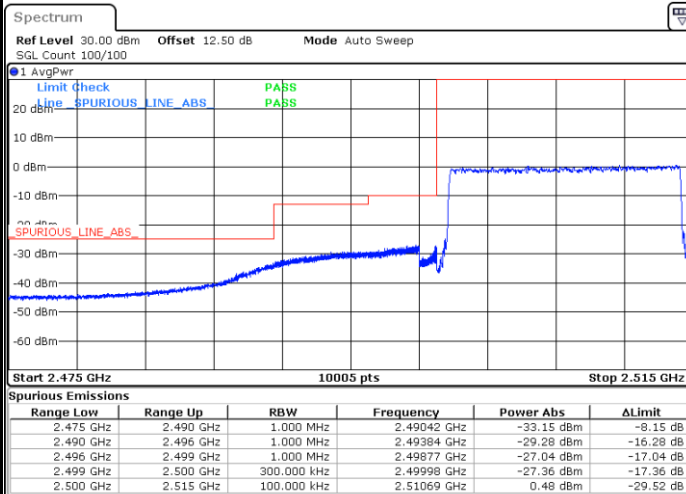
## Lowest Band Edge / 1 RB



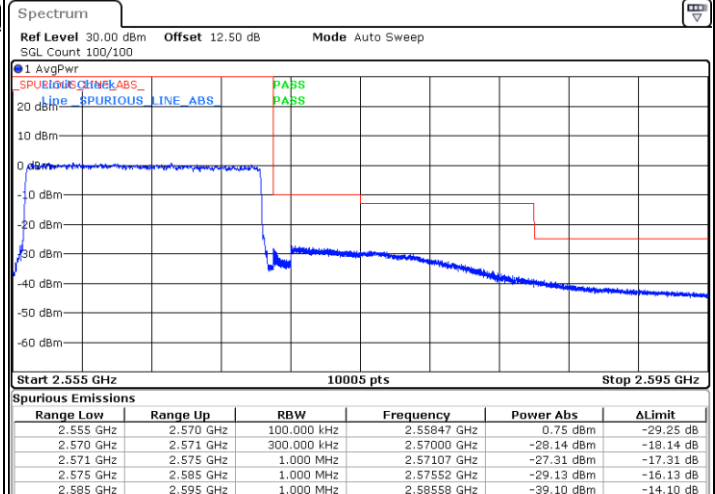
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



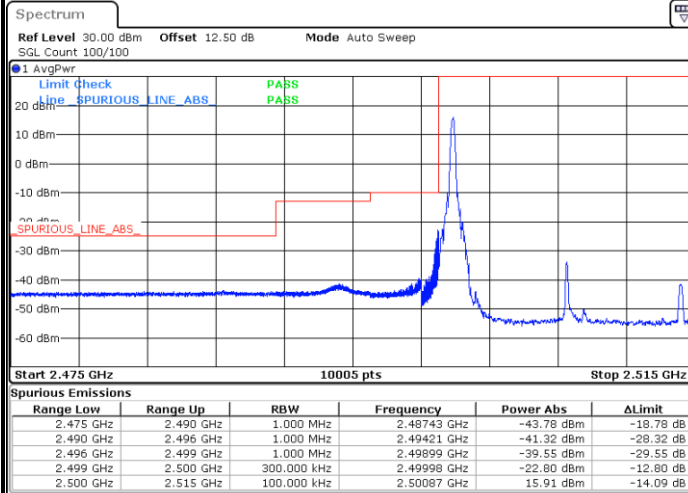
## Highest Band Edge / Full RB



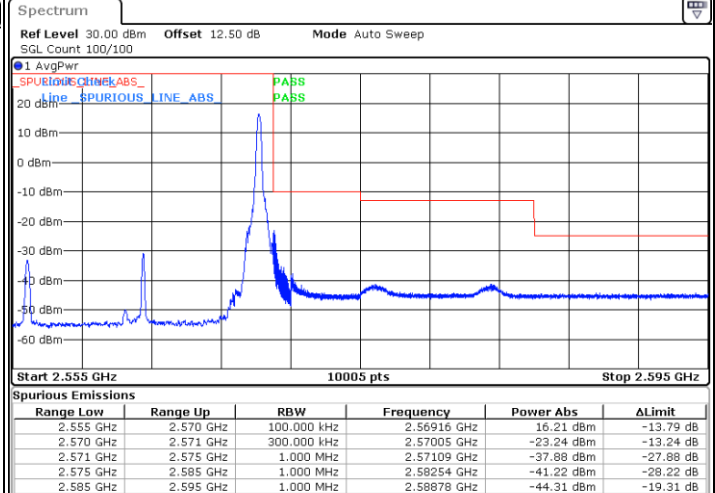


## LTE Band 7 / 15MHz / 256QAM

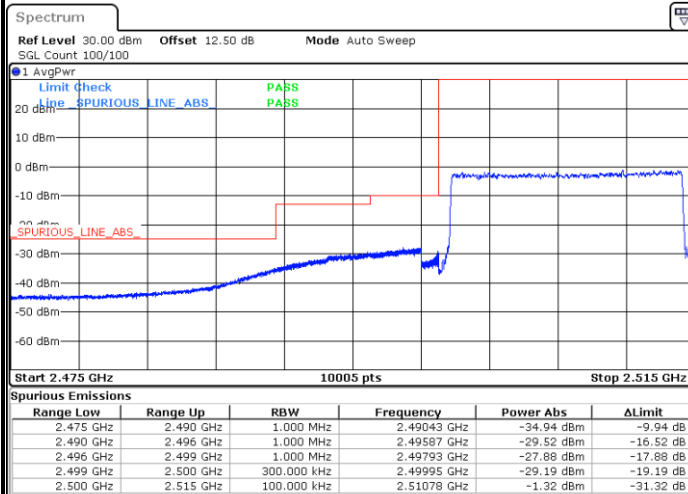
## Lowest Band Edge / 1 RB



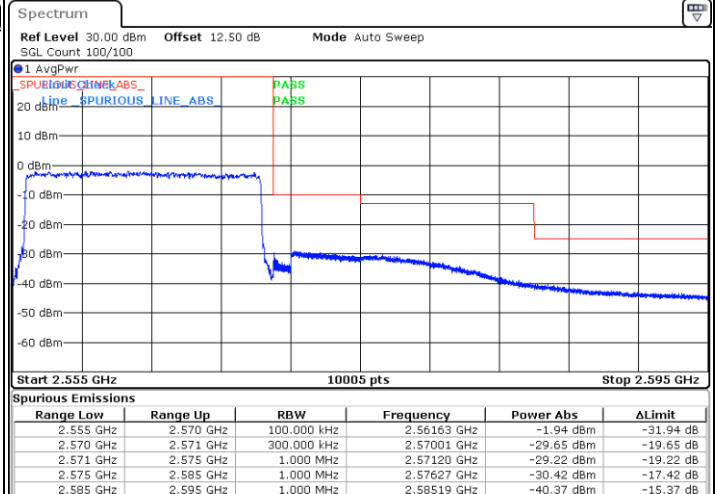
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



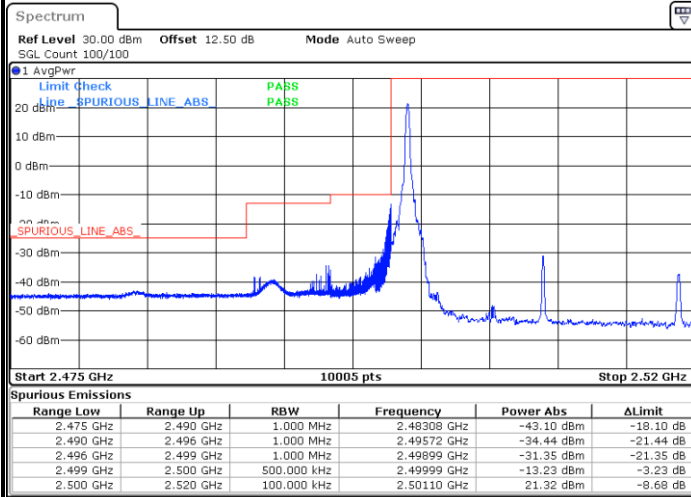
## Highest Band Edge / Full RB



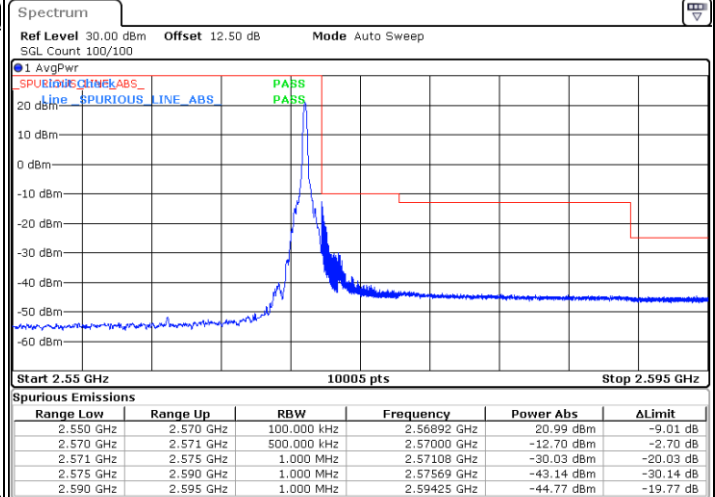


## LTE Band 7 / 20MHz / QPSK

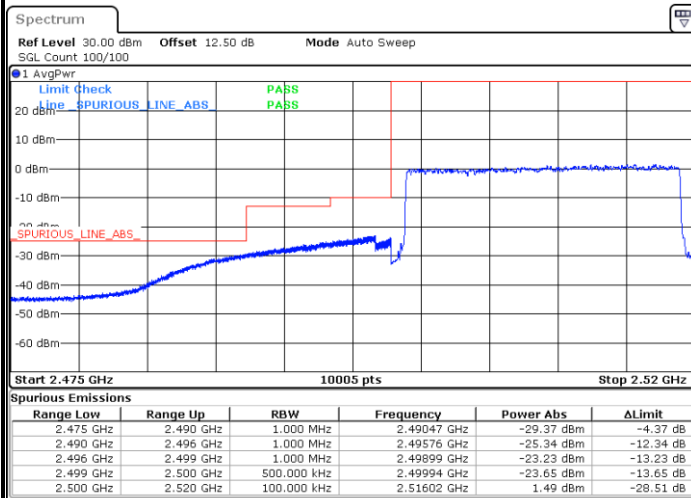
## Lowest Band Edge / 1 RB



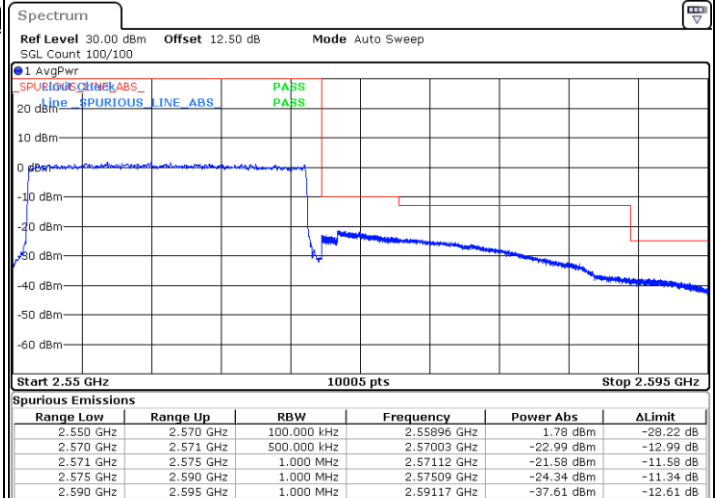
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



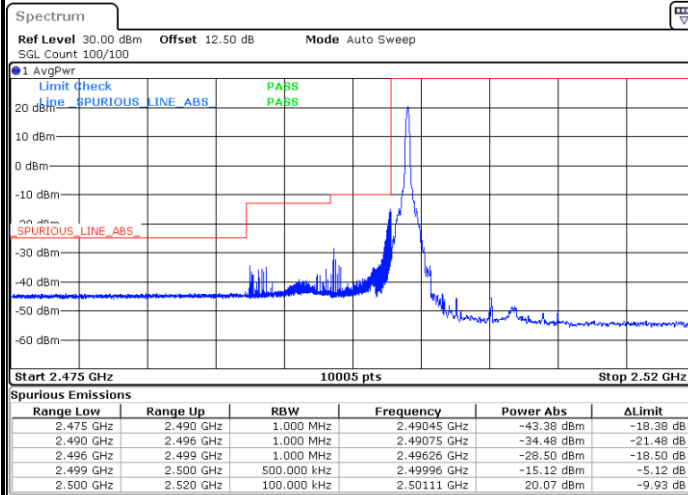
## Highest Band Edge / Full RB



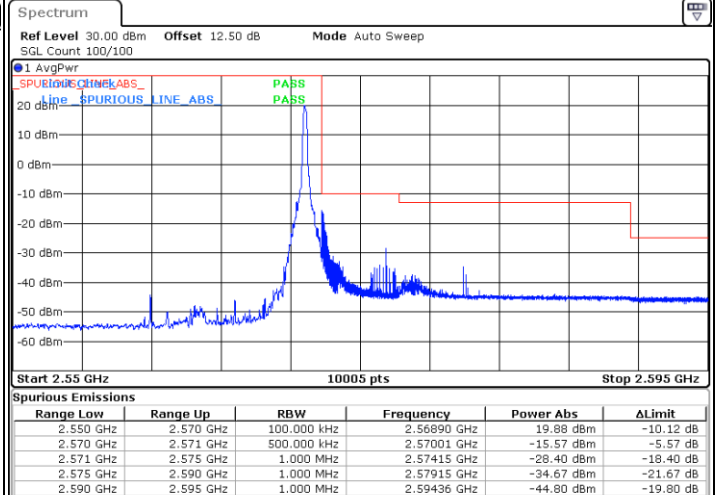


## LTE Band 7 / 20MHz / 16QAM

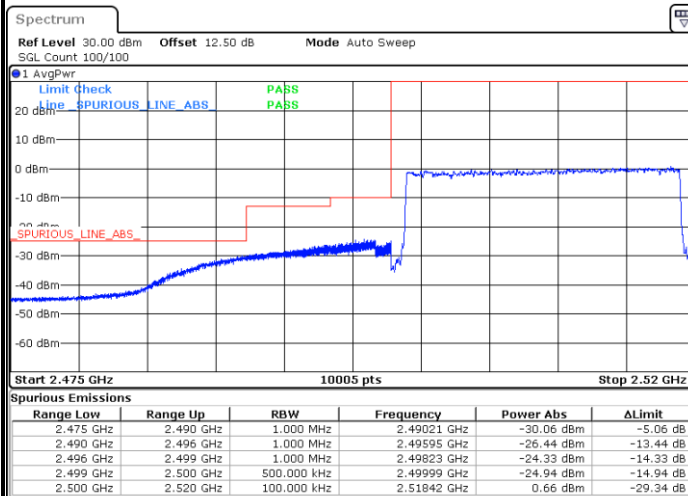
## Lowest Band Edge / 1 RB



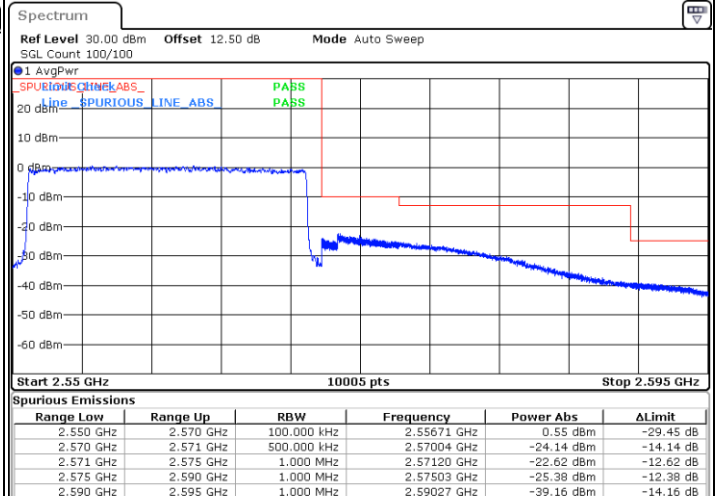
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



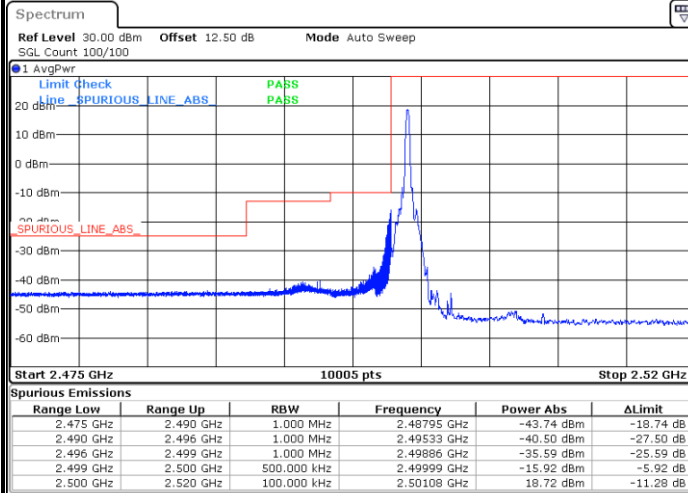
## Highest Band Edge / Full RB



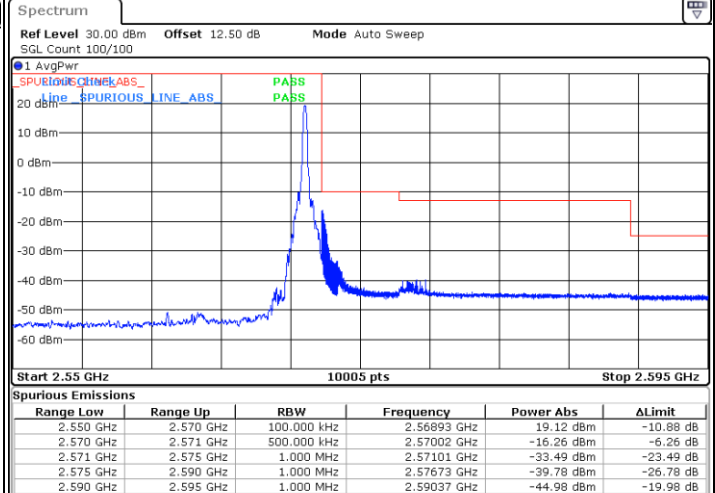


## LTE Band 7 / 20MHz / 64QAM

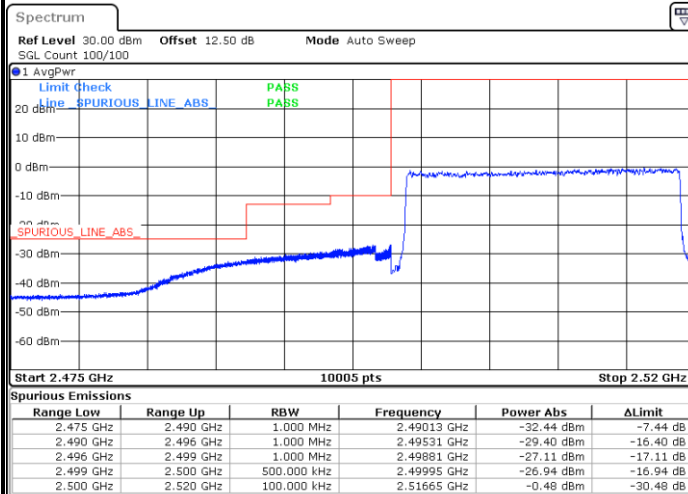
## Lowest Band Edge / 1 RB



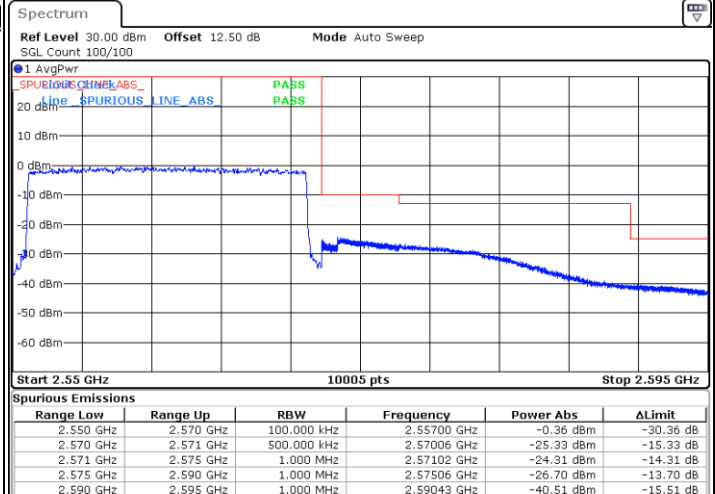
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



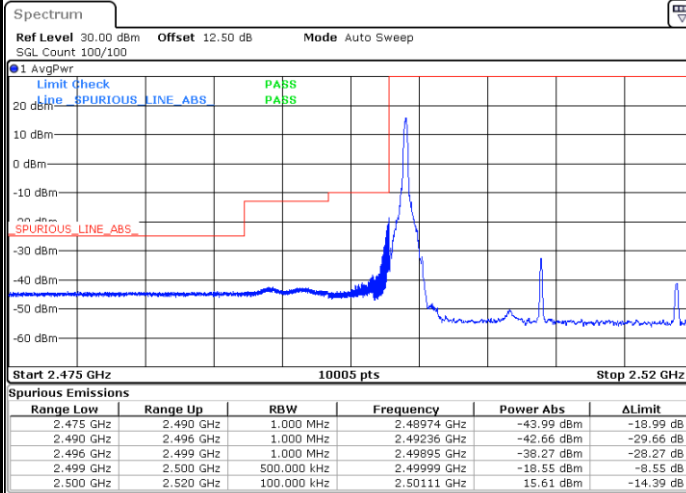
## Highest Band Edge / Full RB



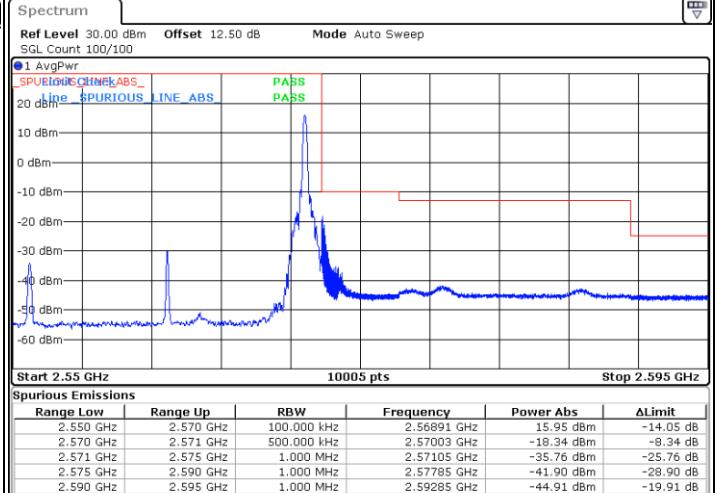


## LTE Band 7 / 20MHz / 256QAM

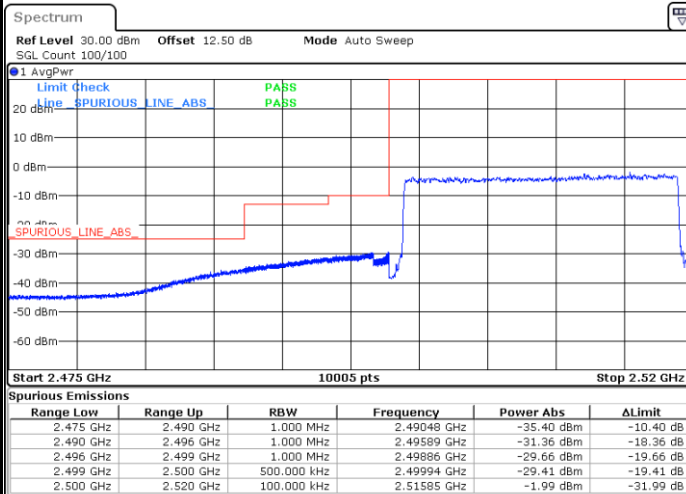
## Lowest Band Edge / 1 RB



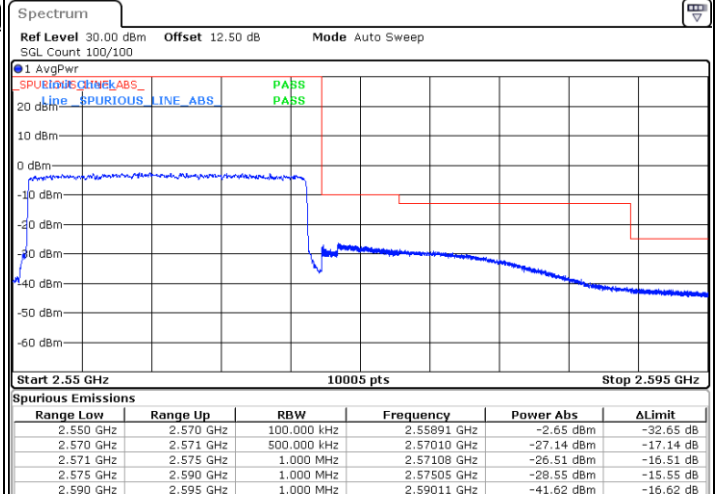
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

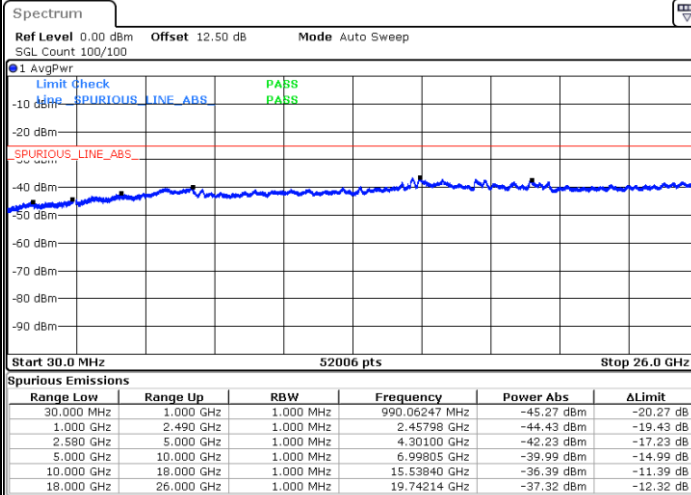




# Conducted Spurious Emission

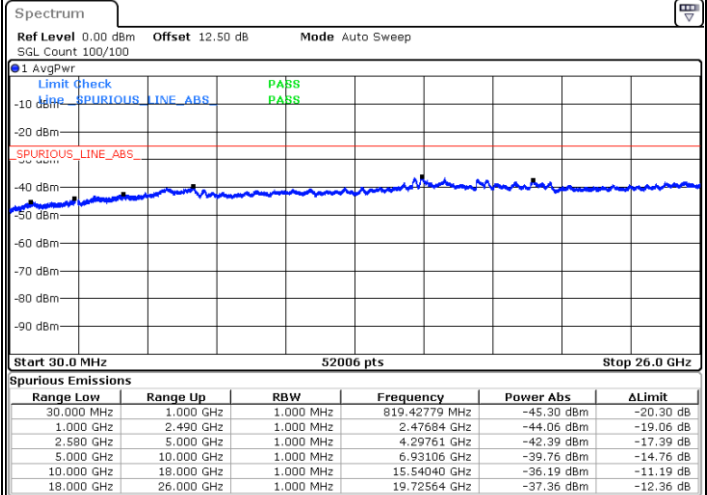
## LTE Band 7 / 5MHz

### Lowest Channel / QPSK



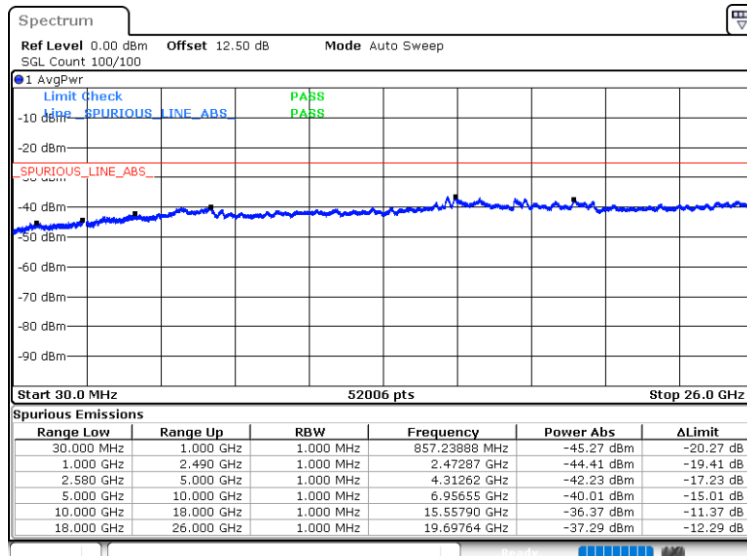
Date: 13.AUG.2022 23:18:50

### Middle Channel / QPSK



Date: 13.AUG.2022 23:21:53

### Highest Channel / QPSK

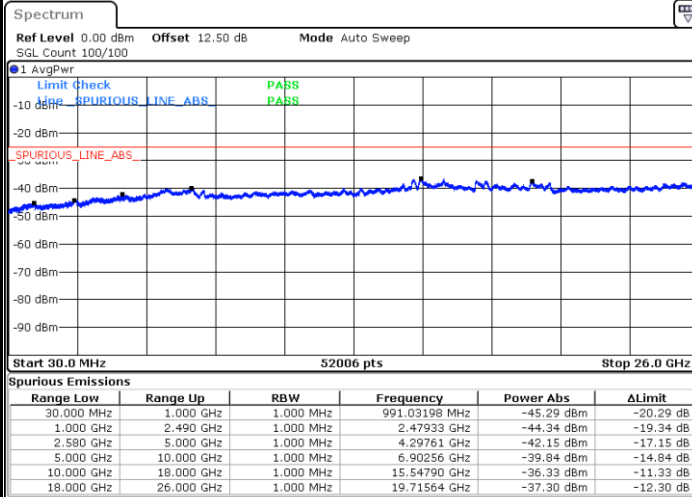


Date: 13.AUG.2022 23:26:21



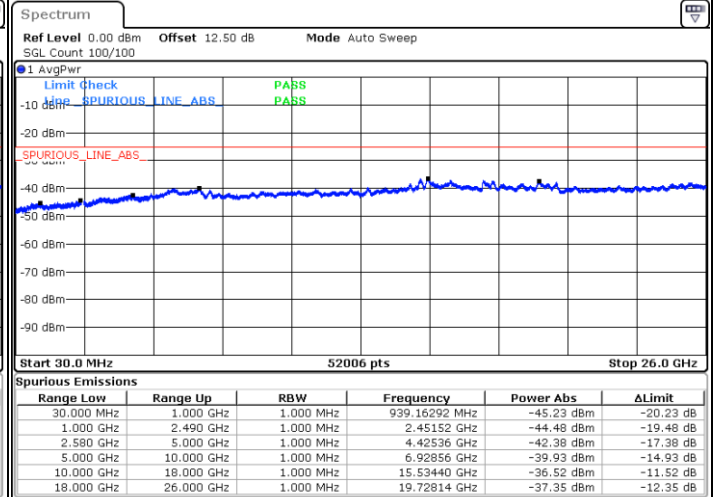
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



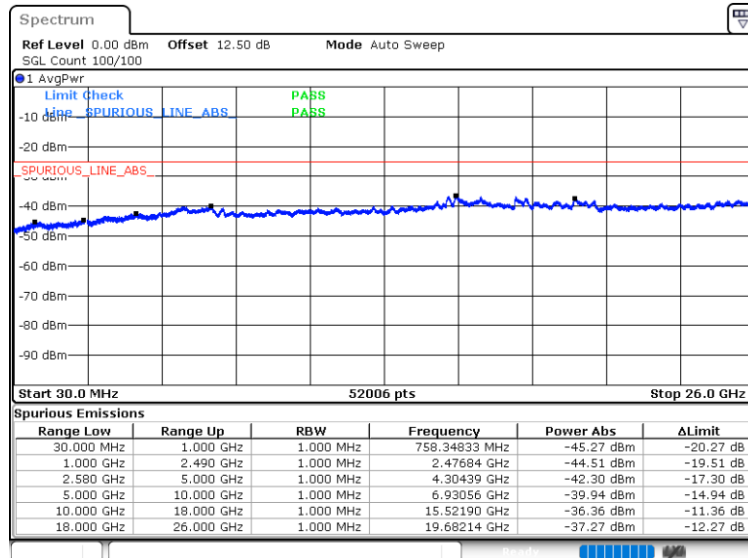
Date: 13.AUG.2022 23:34:58

## Middle Channel / QPSK



Date: 13.AUG.2022 23:38:01

## Highest Channel / QPSK

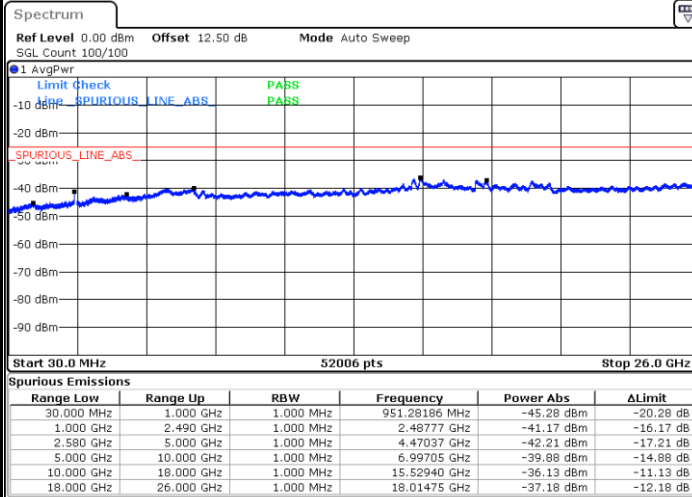


Date: 13.AUG.2022 23:42:29



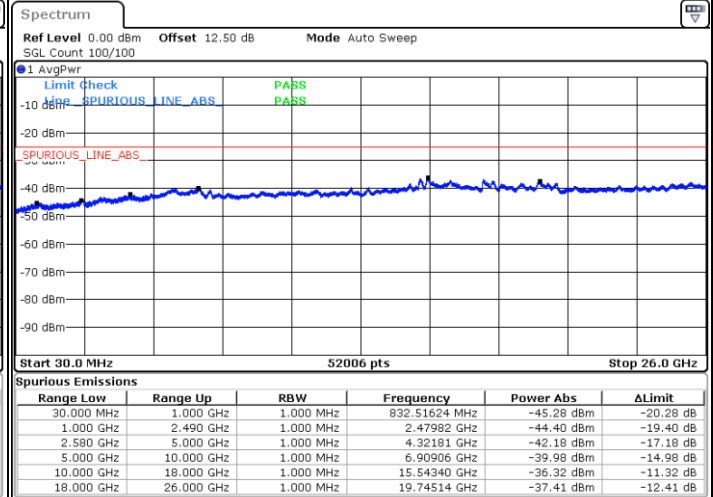
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



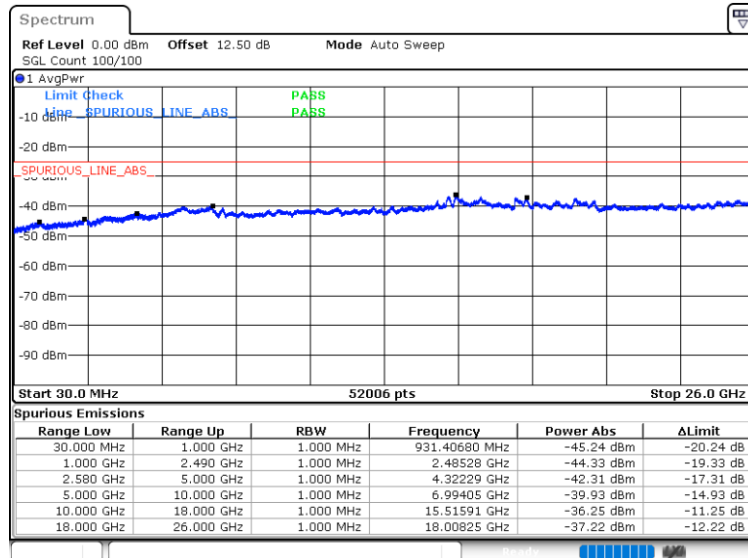
Date: 13.AUG.2022 23:51:06

## Middle Channel / QPSK



Date: 13.AUG.2022 23:54:09

## Highest Channel / QPSK

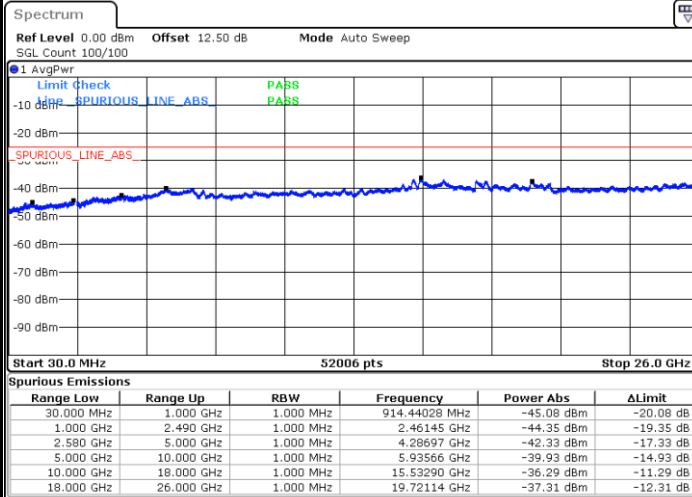


Date: 13.AUG.2022 23:58:37



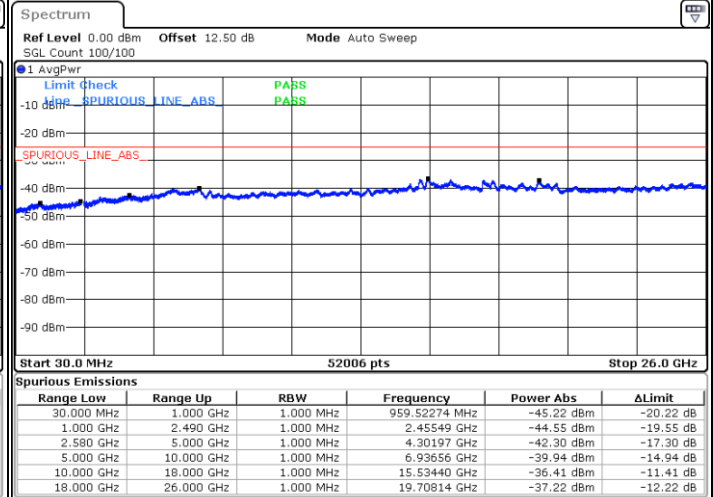
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



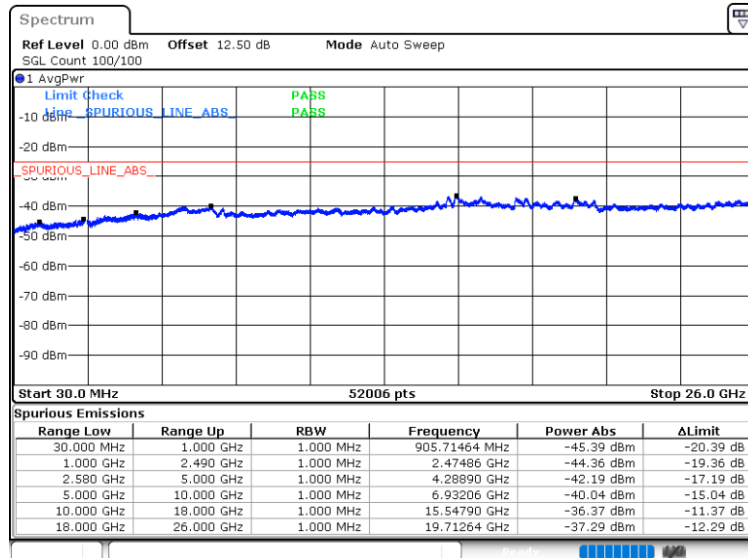
Date: 14.AUG.2022 00:22:19

## Middle Channel / QPSK



Date: 14.AUG.2022 00:24:55

## Highest Channel / QPSK



Date: 14.AUG.2022 00:28:56

## Frequency Stability

| Test Conditions     |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                           | Note 2. |
|                     |                   | Deviation (ppm)                    | Result  |
| 50                  | Normal Voltage    | 0.0030                             | PASS    |
| 40                  | Normal Voltage    | 0.0000                             |         |
| 30                  | Normal Voltage    | 0.0025                             |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                             |         |
| 10                  | Normal Voltage    | 0.0004                             |         |
| 0                   | Normal Voltage    | 0.0017                             |         |
| -10                 | Normal Voltage    | 0.0041                             |         |
| -20                 | Normal Voltage    | 0.0003                             |         |
| -30                 | Normal Voltage    | 0.0035                             |         |
| 20                  | Maximum Voltage   | 0.0002                             |         |
| 20                  | Normal Voltage    | 0.0000                             |         |
| 20                  | Battery End Point | 0.0030                             |         |

**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 7C

**26dB Bandwidth**

| Mode      | LTE Band 7C : 26dB BW(MHz) |             |             |             |
|-----------|----------------------------|-------------|-------------|-------------|
| QPSK      |                            |             |             |             |
| BW        | 10MHz+20MHz                | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 30.21                      | 25.33       | 30.69       | 34.97       |
| BW        | 20MHz+10MHz                | 20MHz+15MHz | 20MHz+20MHz | N/A         |
| Middle CH | 30.15                      | 34.97       | 39.88       |             |

| Mode      | LTE Band 7C : 26dB BW(MHz) |             |             |             |
|-----------|----------------------------|-------------|-------------|-------------|
| 16QAM     |                            |             |             |             |
| BW        | 10MHz+20MHz                | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 29.97                      | 25.33       | 30.51       | 34.97       |
| BW        | 20MHz+10MHz                | 20MHz+15MHz | 20MHz+20MHz | N/A         |
| Middle CH | 30.03                      | 34.83       | 39.88       |             |

| Mode      | LTE Band 7C : 26dB BW(MHz) |             |             |             |
|-----------|----------------------------|-------------|-------------|-------------|
| 64QAM     |                            |             |             |             |
| BW        | 10MHz+20MHz                | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 29.91                      | 25.28       | 30.63       | 34.76       |
| BW        | 20MHz+10MHz                | 20MHz+15MHz | 20MHz+20MHz | N/A         |
| Middle CH | 30.09                      | 35.04       | 39.80       |             |

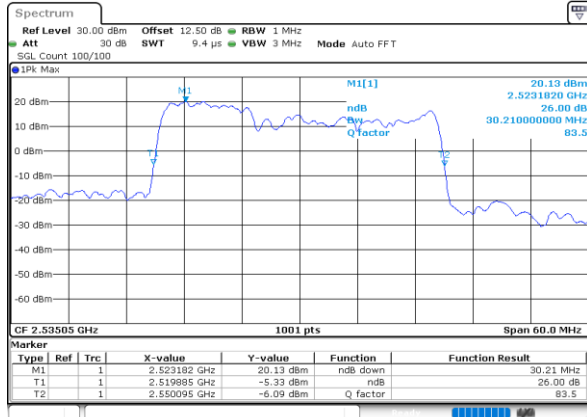
| Mode      | LTE Band 7C : 26dB BW(MHz) |             |             |             |
|-----------|----------------------------|-------------|-------------|-------------|
| 256QAM    |                            |             |             |             |
| BW        | 10MHz+20MHz                | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Middle CH | 29.67                      | 25.28       | 30.45       | 34.97       |
| BW        | 20MHz+10MHz                | 20MHz+15MHz | 20MHz+20MHz | N/A         |
| Middle CH | 30.15                      | 35.04       | 39.80       |             |



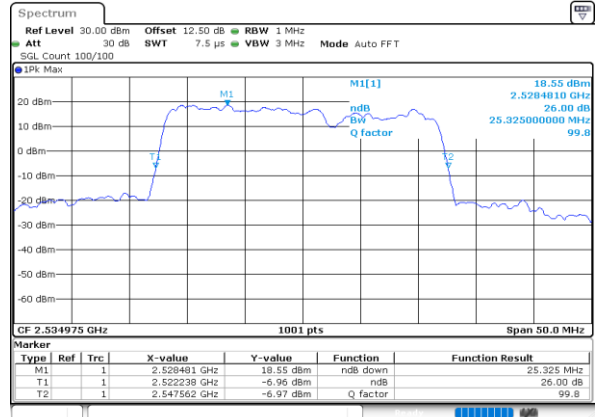
## LTE Band 7C

## QPSK

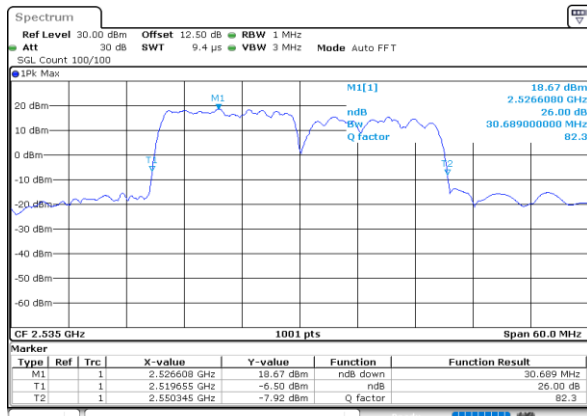
## Middle Channel / 10MHz+20MHz



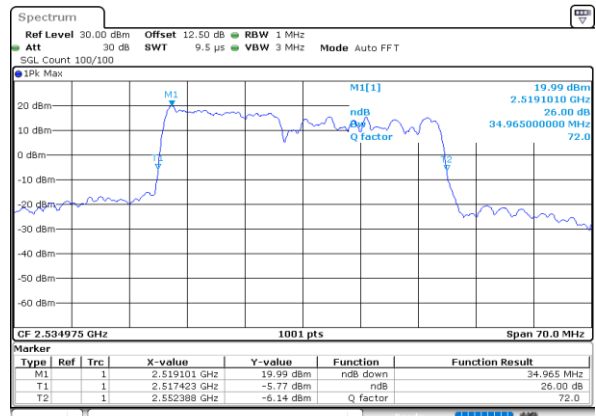
## Middle Channel / 15MHz+10MHz



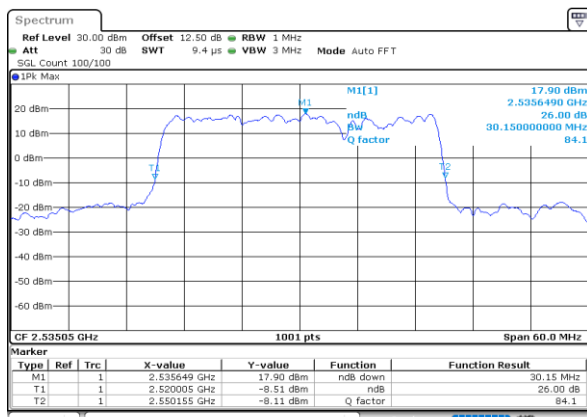
## Middle Channel / 15MHz+15MHz



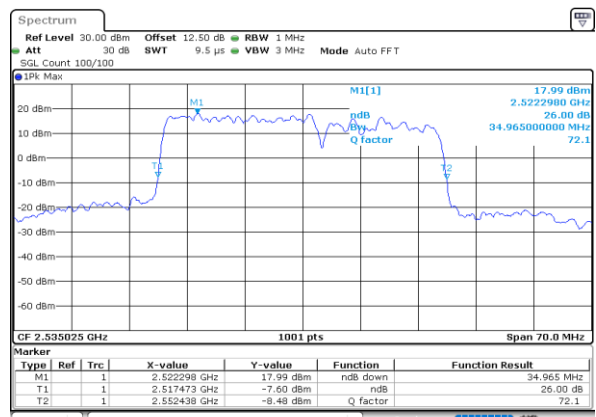
## Middle Channel / 15MHz+20MHz



## Middle Channel / 20MHz+10MHz



## Middle Channel / 20MHz+15MHz



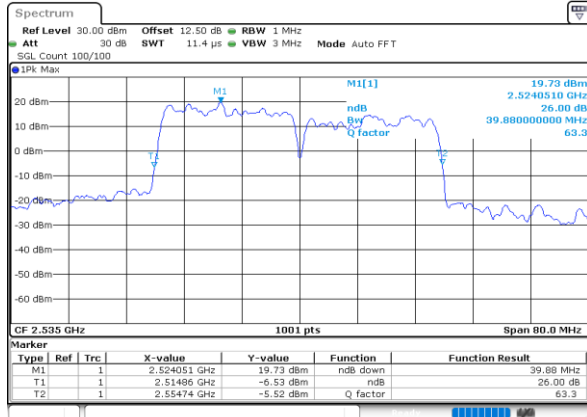


## LTE Band 7C

## QPSK

Middle Channel / 20MHz+20MHz

N/A



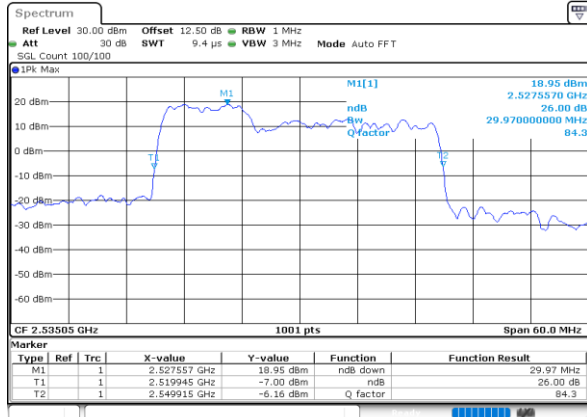
Date: 6.SEP.2022 02:48:58



## LTE Band 7C

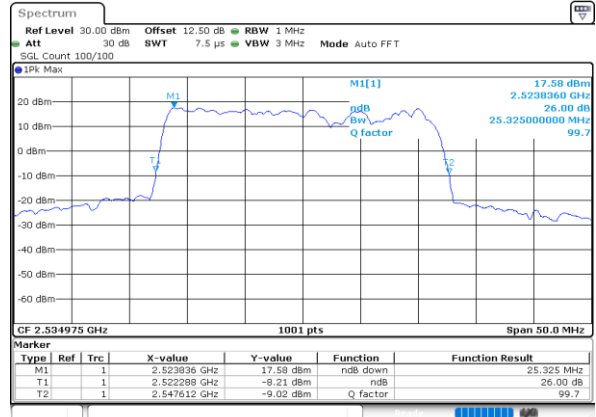
## 16QAM

## Middle Channel / 10MHz+20MHz



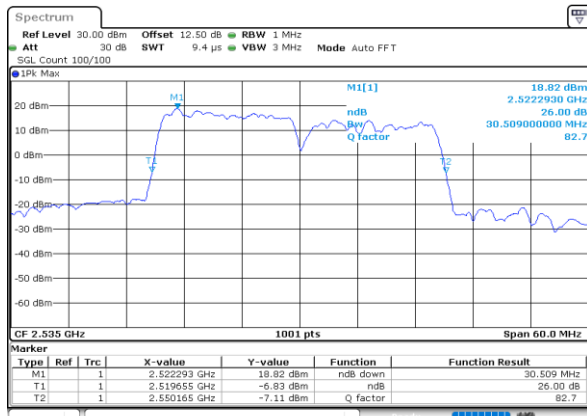
Date: 7,SEP,2022 19:34:13

## Middle Channel / 15MHz+10MHz



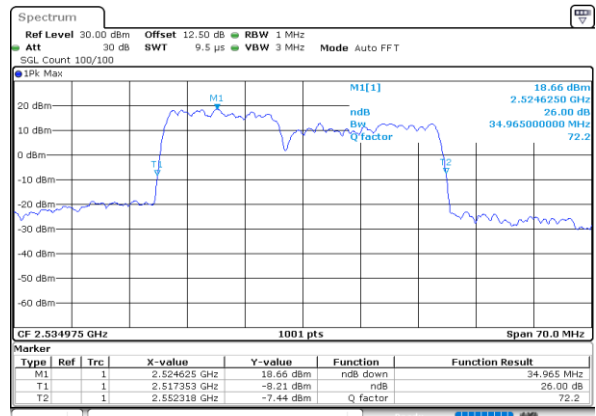
Date: 8,SEP,2022 03:29:32

## Middle Channel / 15MHz+15MHz



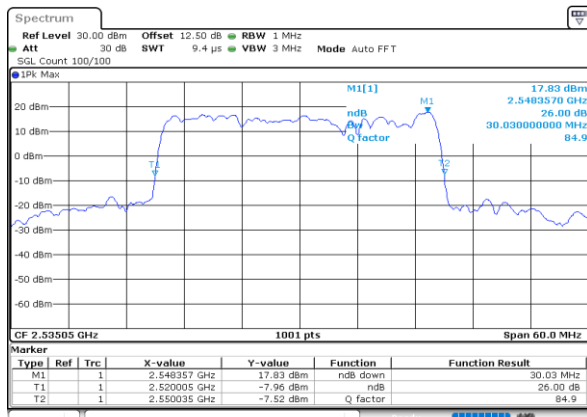
Date: 7,SEP,2022 22:26:27

## Middle Channel / 15MHz+20MHz



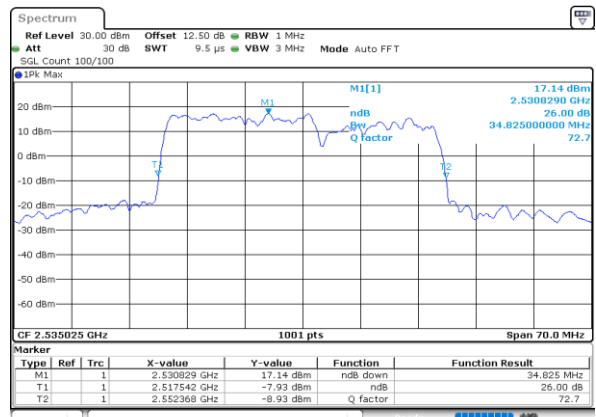
Date: 8,SEP,2022 01:00:07

## Middle Channel / 20MHz+10MHz



Date: 7,SEP,2022 20:07:48

## Middle Channel / 20MHz+15MHz



Date: 8,SEP,2022 01:37:32

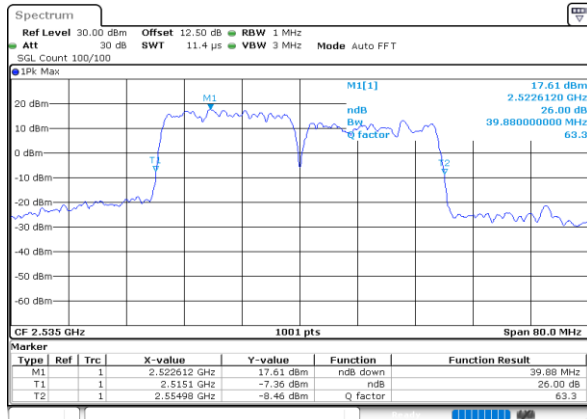


## LTE Band 7C

## 16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 8-SEP-2022 02:48:31