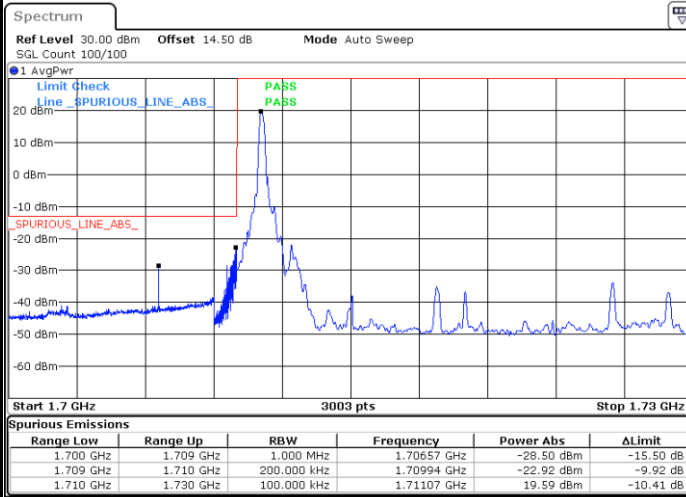


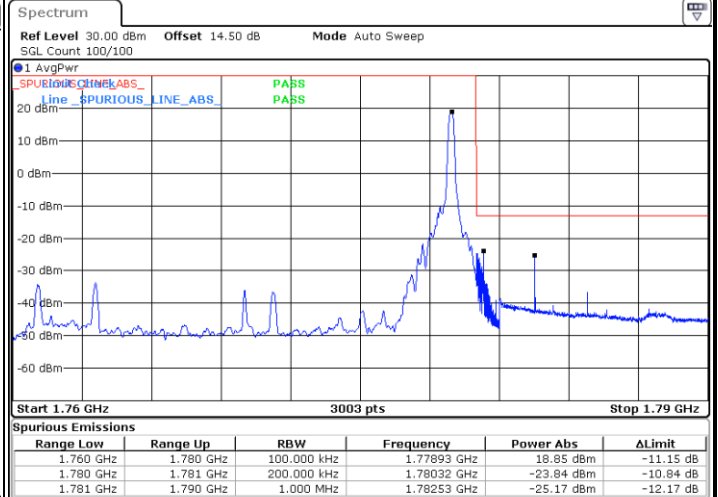


## LTE Band 66 / 20MHz / 64QAM

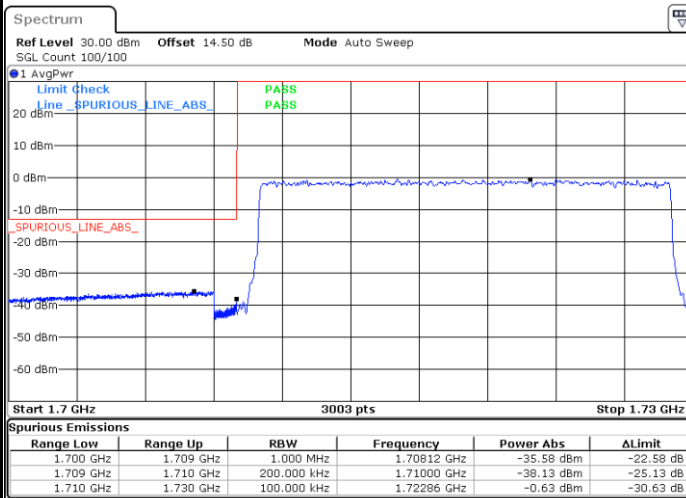
## Lowest Band Edge / 1 RB



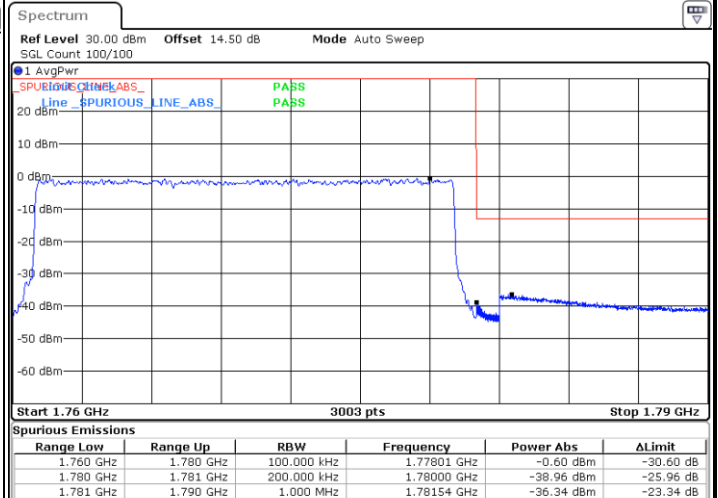
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



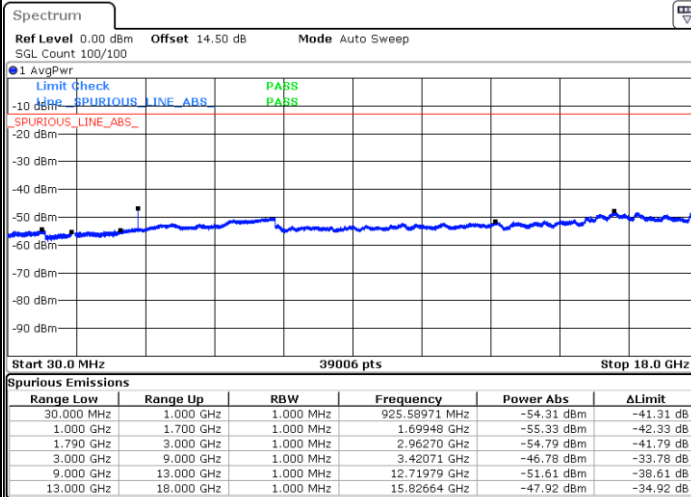
## Highest Band Edge / Full RB



## Conducted Spurious Emission

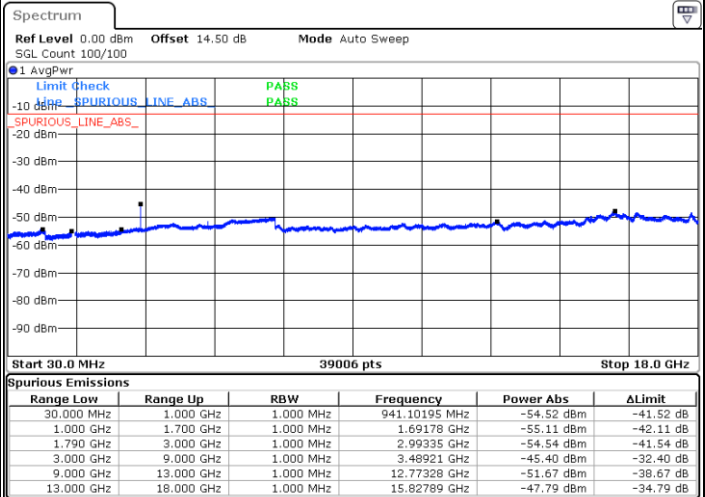
## LTE Band 66 / 1.4MHz

## Lowest Channel / QPSK



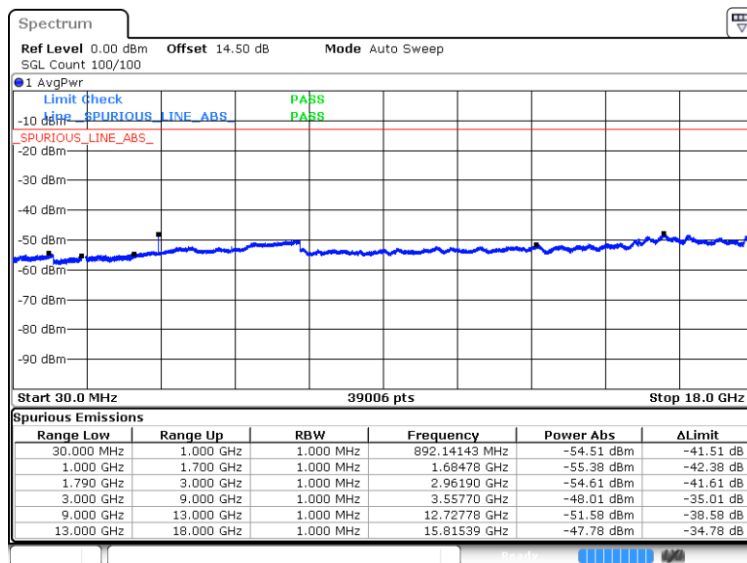
Date: 3.SEP.2024 08:22:05

### Middle Channel / QPSK



Date: 3.SEP.2024 08:24:52

### Highest Channel / QPSK

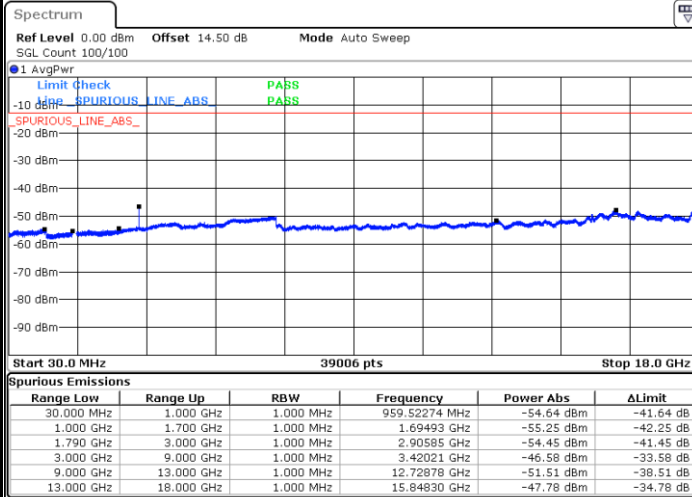


Date: 3.SEP.2024 08:28:58



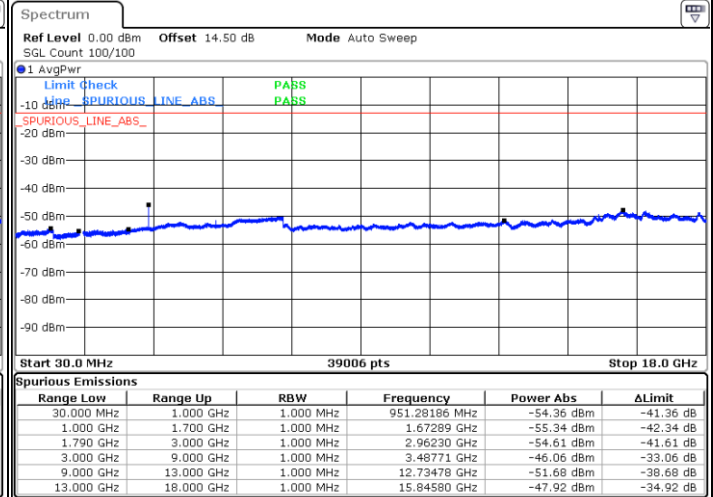
## LTE Band 66 / 3MHz

## Lowest Channel / QPSK



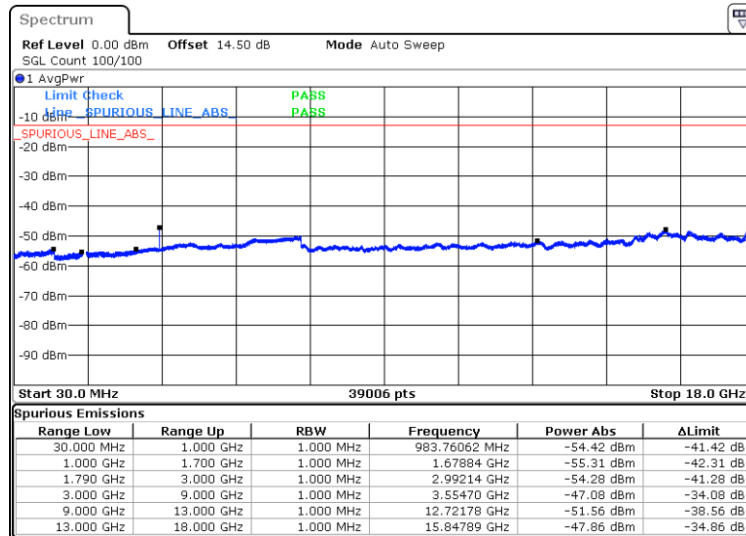
Date: 3 SEP 2024 08:34:31

## Middle Channel / QPSK



Date: 3 SEP 2024 08:37:17

## Highest Channel / QPSK

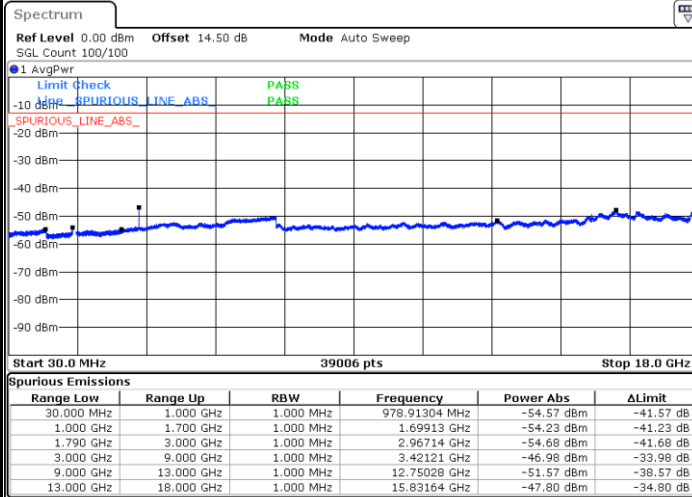


Date: 3 SEP 2024 08:42:56



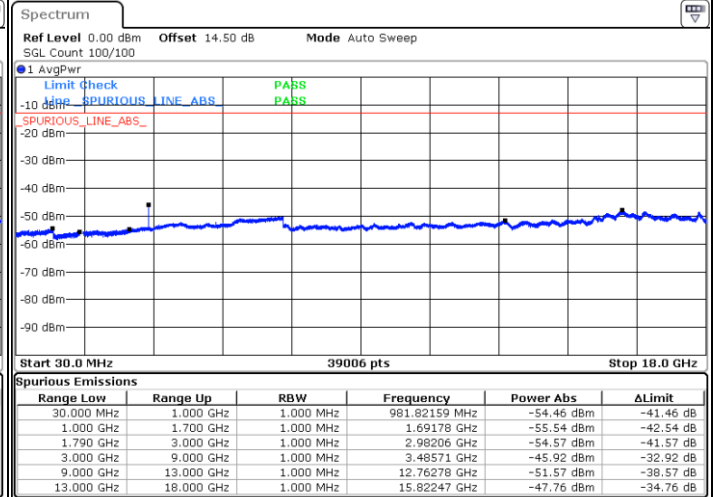
## LTE Band 66 / 5MHz

## Lowest Channel / QPSK



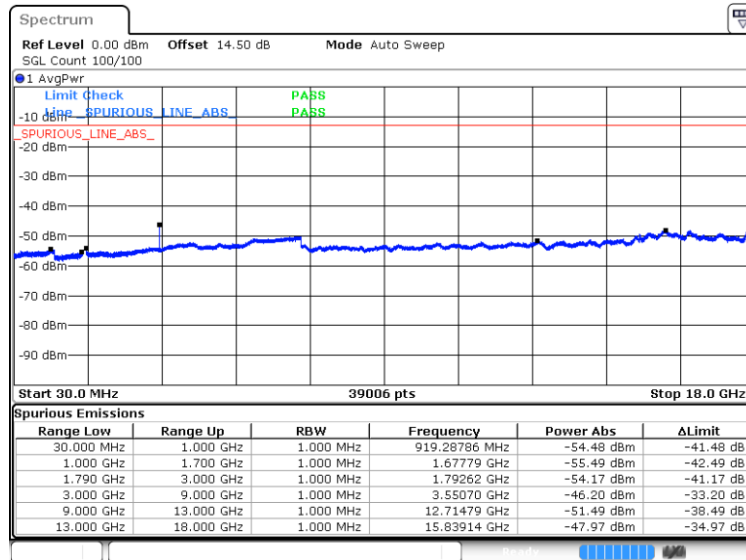
Date: 3.SEP.2024 08:46:26

## Middle Channel / QPSK



Date: 3.SEP.2024 08:49:13

## Highest Channel / QPSK

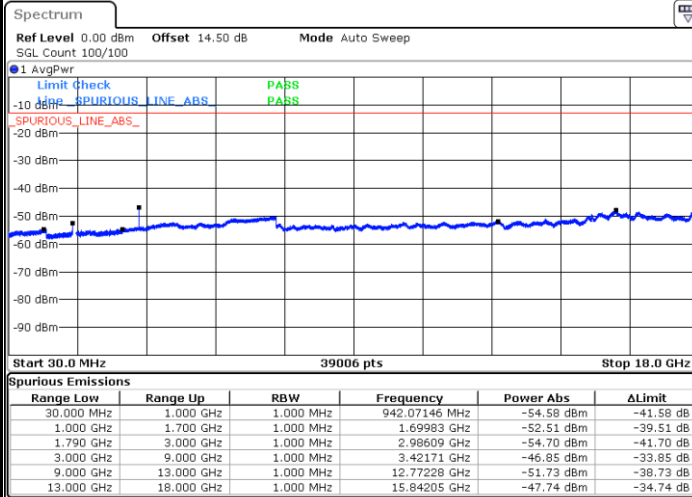


Date: 3.SEP.2024 08:54:51



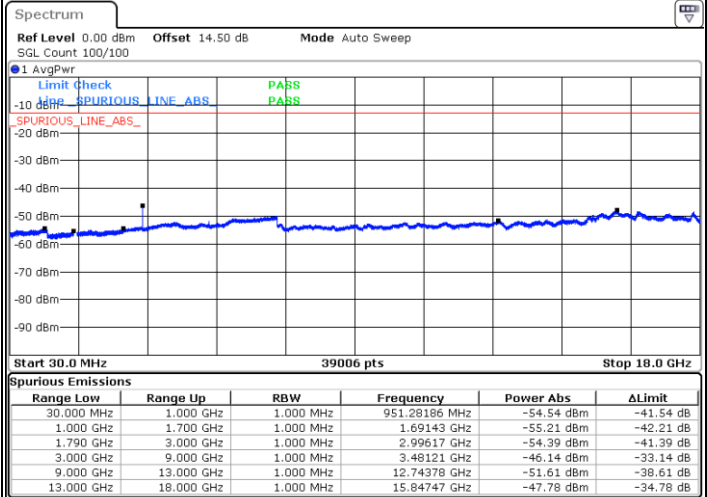
## LTE Band 66 / 10MHz

## Lowest Channel / QPSK



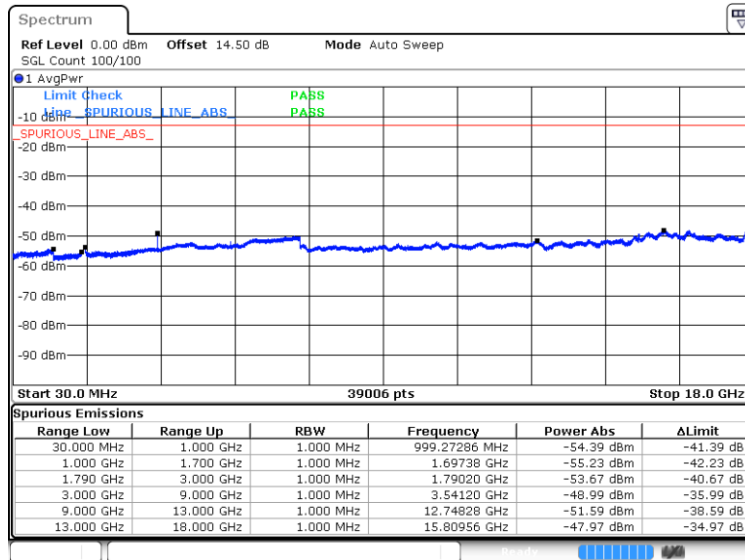
Date: 3 SEP 2024 08:59:53

## Middle Channel / QPSK



Date: 3 SEP 2024 09:01:07

## Highest Channel / QPSK

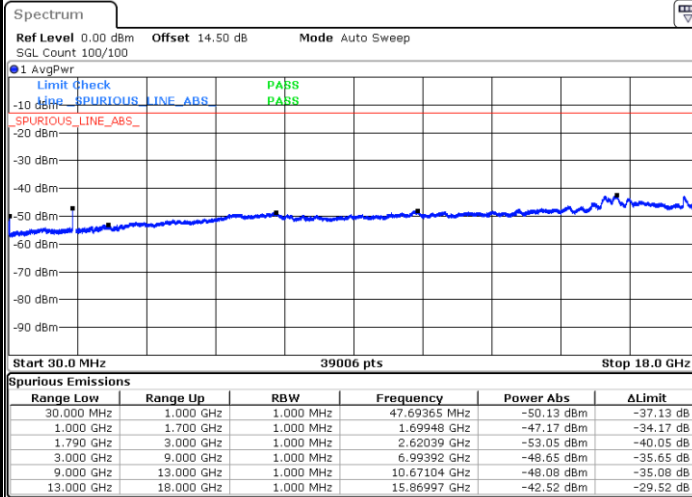


Date: 3 SEP 2024 09:06:45



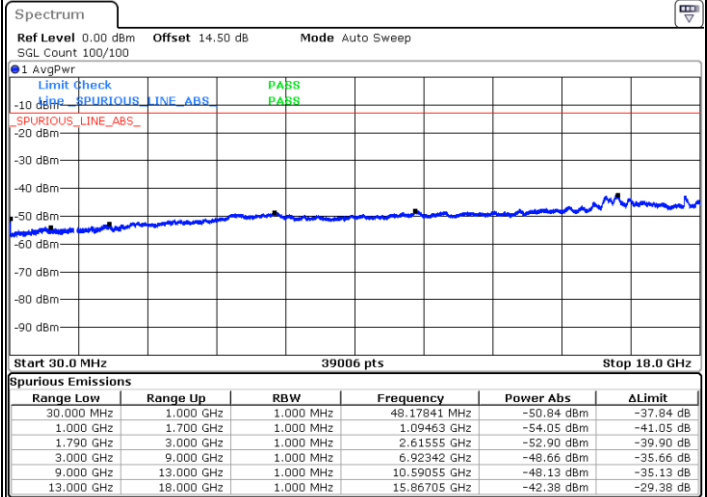
## LTE Band 66 / 15MHz

## Lowest Channel / QPSK



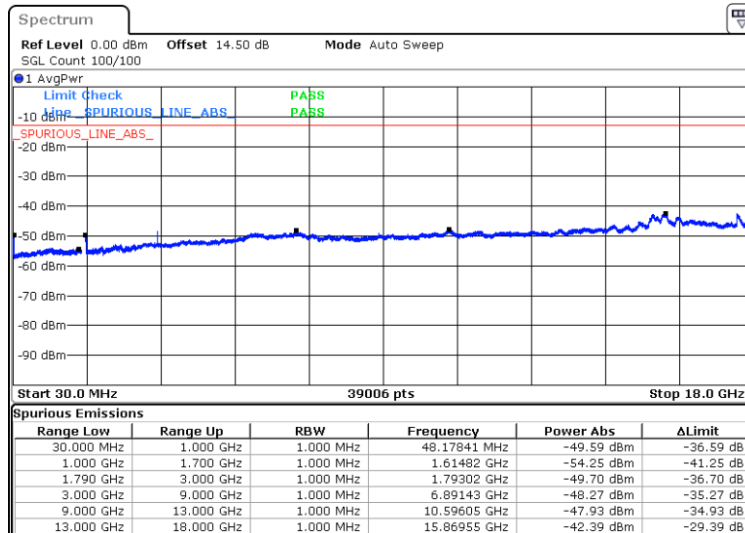
Date: 3.SEP.2024 17:21:48

## Middle Channel / QPSK



Date: 3.SEP.2024 17:23:06

## Highest Channel / QPSK

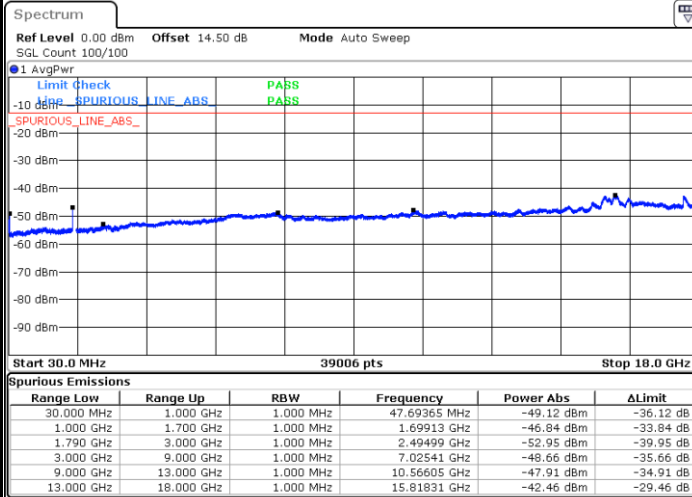


Date: 3.SEP.2024 17:32:45



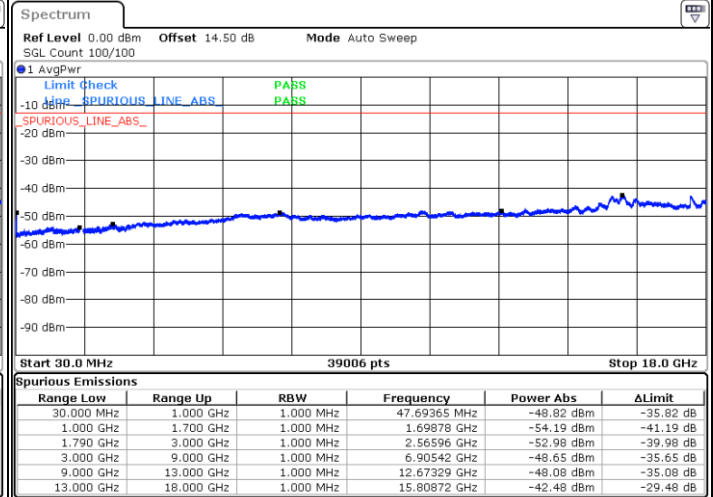
## LTE Band 66 / 20MHz

## Lowest Channel / QPSK



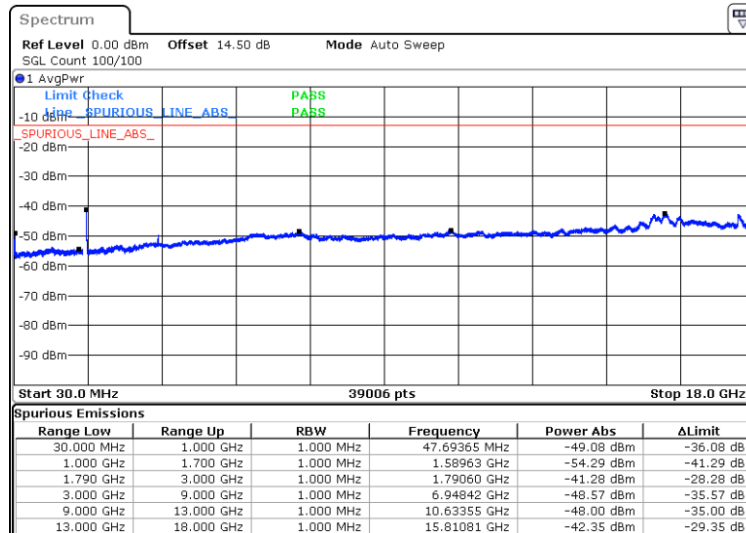
Date: 3.SEP.2024 17:41:02

## Middle Channel / QPSK



Date: 3.SEP.2024 17:42:20

## Highest Channel / QPSK



Date: 3.SEP.2024 17:53:30

## Frequency Stability

| Test Conditions     |                   | LTE Band 66 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0003                              | PASS    |
| 40                  | Normal Voltage    | 0.0037                              |         |
| 30                  | Normal Voltage    | 0.0001                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0023                              |         |
| 0                   | Normal Voltage    | 0.0019                              |         |
| -10                 | Normal Voltage    | 0.0072                              |         |
| -20                 | Normal Voltage    | 0.0015                              |         |
| -30                 | Normal Voltage    | 0.0058                              |         |
| 20                  | Maximum Voltage   | 0.0072                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0072                              |         |

**Note:**

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage = 4.50 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 5B

### 26dB Bandwidth

| Mode      | LTE Band 5B : 26dB BW(MHz) |             |            |
|-----------|----------------------------|-------------|------------|
| QPSK      |                            |             |            |
| BW        | 3MHz+5MHz                  | 5MHz+3MHz   | 5MHz+10MHz |
| Middle CH | 8.15                       | 8.18        | 14.60      |
| BW        | 10MHz+5MHz                 | 10MHz+10MHz | N/A        |
| Middle CH | 14.66                      | 19.50       | -          |

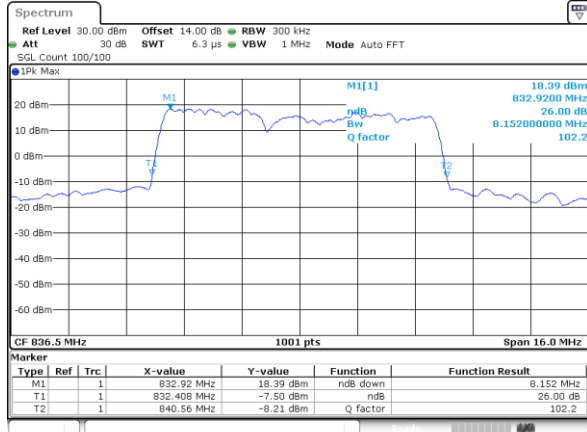
| Mode      | LTE Band 5B : 26dB BW(MHz) |             |            |
|-----------|----------------------------|-------------|------------|
| 16QAM     |                            |             |            |
| BW        | 3MHz+5MHz                  | 5MHz+3MHz   | 5MHz+10MHz |
| Middle CH | 8.18                       | 8.58        | 14.69      |
| BW        | 10MHz+5MHz                 | 10MHz+10MHz | N/A        |
| Middle CH | 14.57                      | 19.74       | -          |



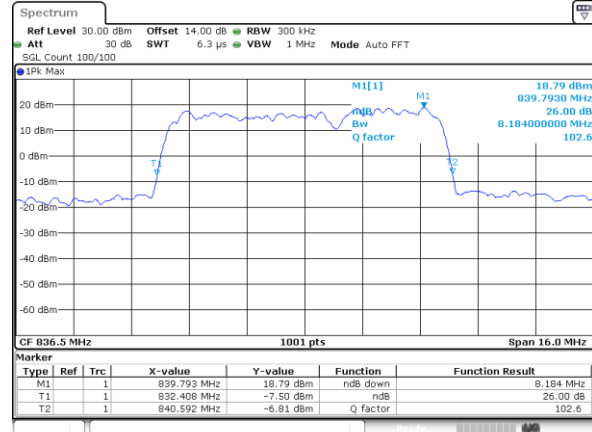
## LTE Band 5B

## QPSK

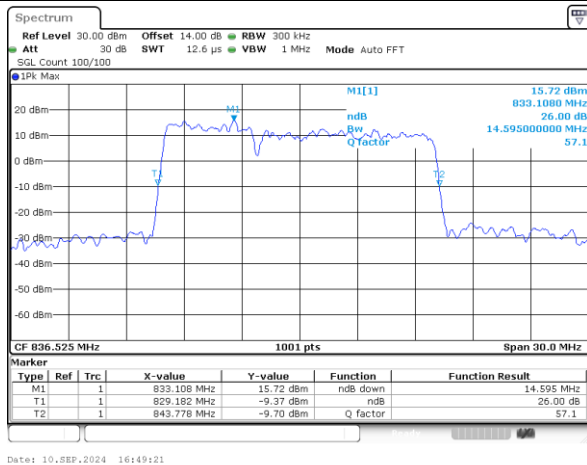
## Middle Channel / 3MHz+5MHz



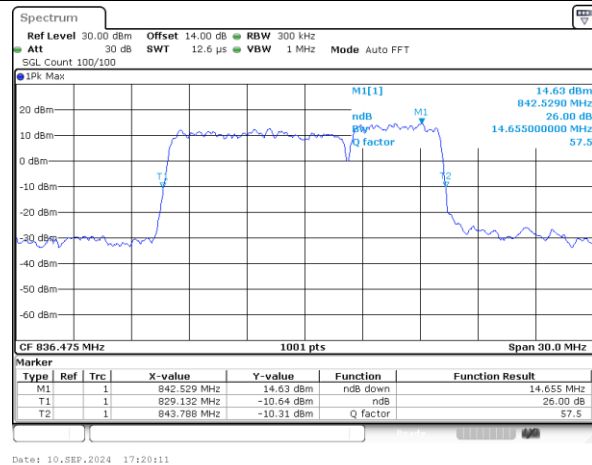
## Middle Channel / 5MHz+3MHz



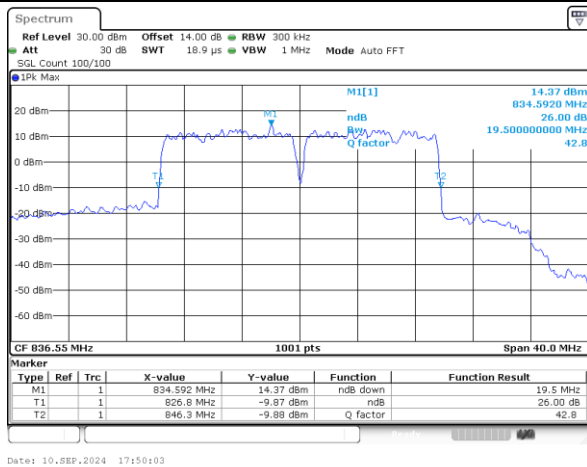
## Middle Channel / 5MHz+10MHz



## Middle Channel / 10MHz+5MHz



## Middle Channel / 10MHz+10MHz



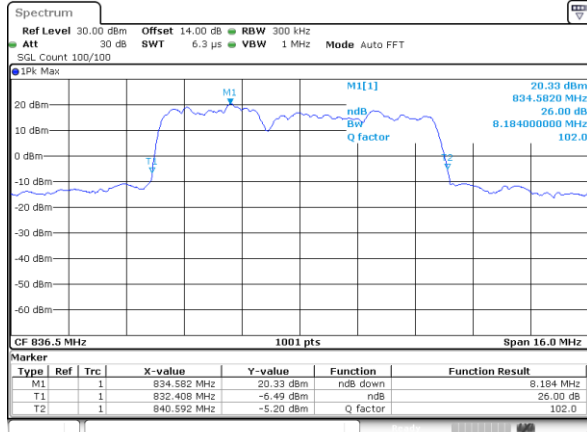
N/A



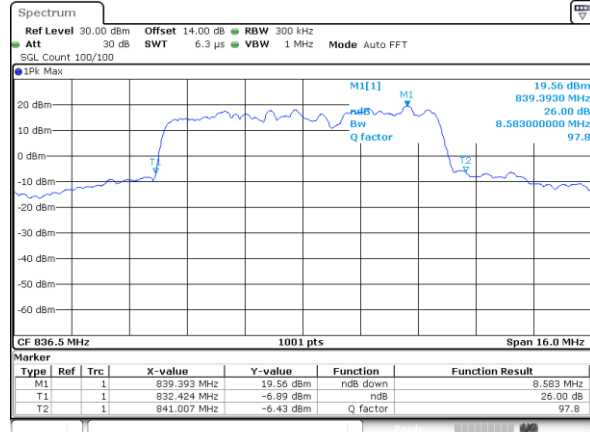
## LTE Band 5B

## 16QAM

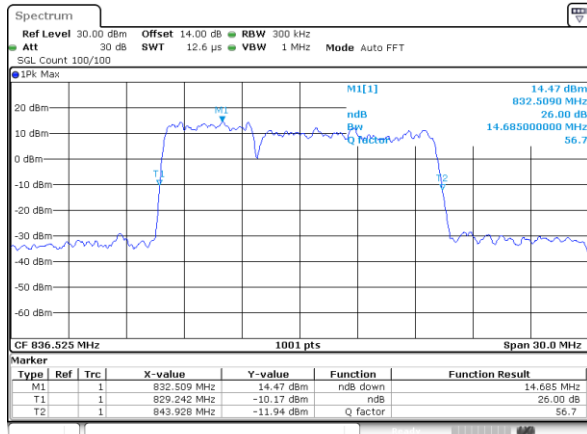
## Middle Channel / 3MHz+5MHz



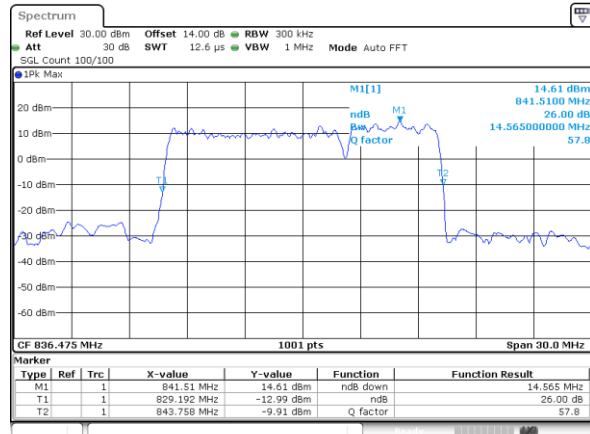
## Middle Channel / 5MHz+3MHz



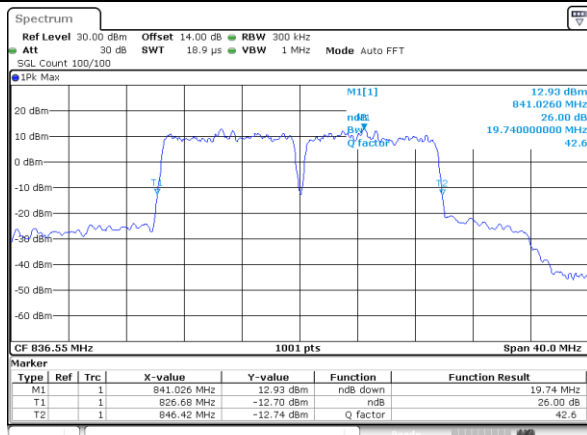
## Middle Channel / 5MHz+10MHz



## Middle Channel / 10MHz+5MHz



## Middle Channel / 10MHz+10MHz



## N/A

**Occupied Bandwidth**

| Mode      | LTE Band 5B : 99%OBW(MHz) |             |            |
|-----------|---------------------------|-------------|------------|
| QPSK      |                           |             |            |
| BW        | 3MHz+5MHz                 | 5MHz+3MHz   | 5MHz+10MHz |
| Middle CH | 7.62                      | 7.61        | 13.88      |
| BW        | 10MHz+5MHz                | 10MHz+10MHz | N/A        |
| Middle CH | 13.94                     | 18.82       | -          |

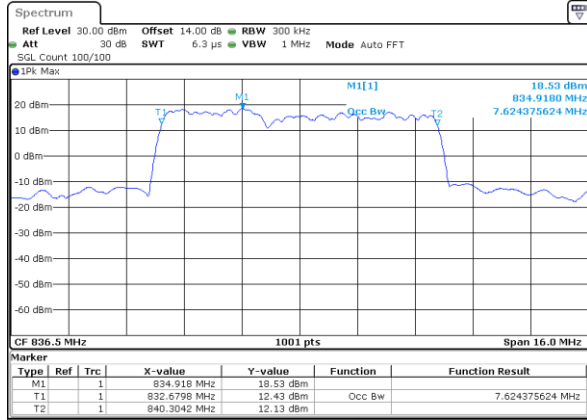
| Mode      | LTE Band 5B : 99%OBW(MHz) |             |            |
|-----------|---------------------------|-------------|------------|
| 16QAM     |                           |             |            |
| BW        | 3MHz+5MHz                 | 5MHz+3MHz   | 5MHz+10MHz |
| Middle CH | 7.61                      | 7.58        | 13.85      |
| BW        | 10MHz+5MHz                | 10MHz+10MHz | N/A        |
| Middle CH | 13.94                     | 18.82       | -          |



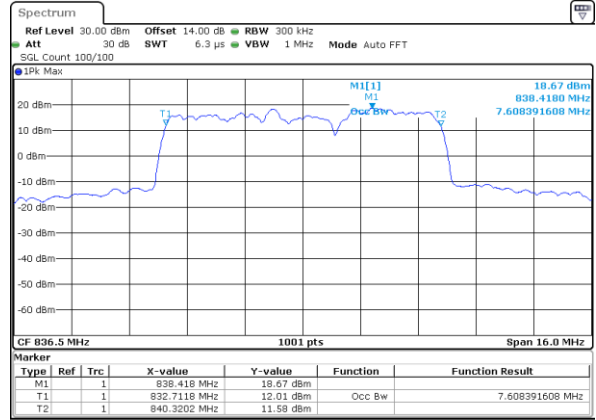
## LTE Band 5B

## QPSK

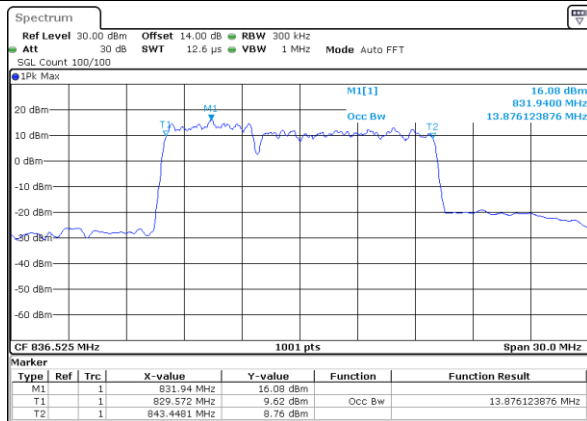
## Middle Channel / 3MHz+5MHz



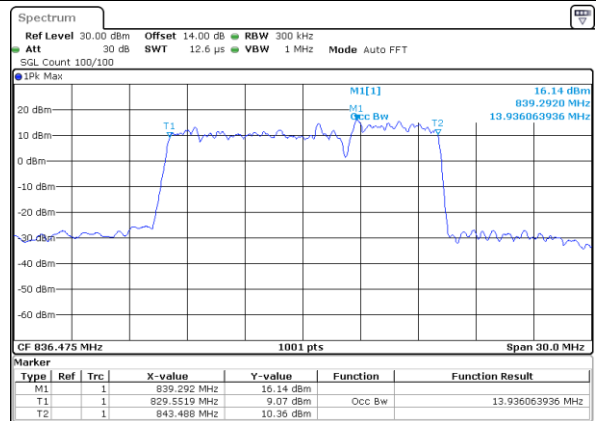
## Middle Channel / 5MHz+3MHz



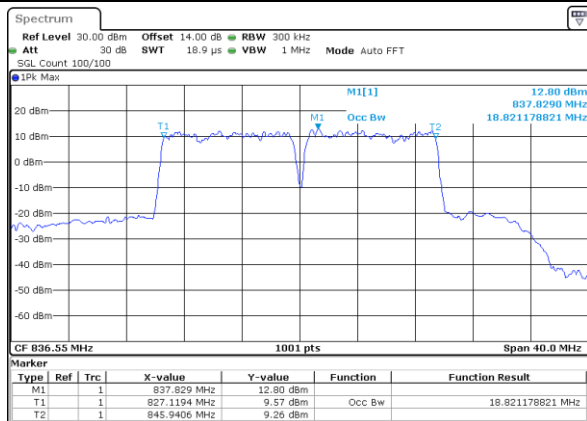
## Middle Channel / 5MHz+10MHz



## Middle Channel / 10MHz+5MHz



## Middle Channel / 10MHz+10MHz



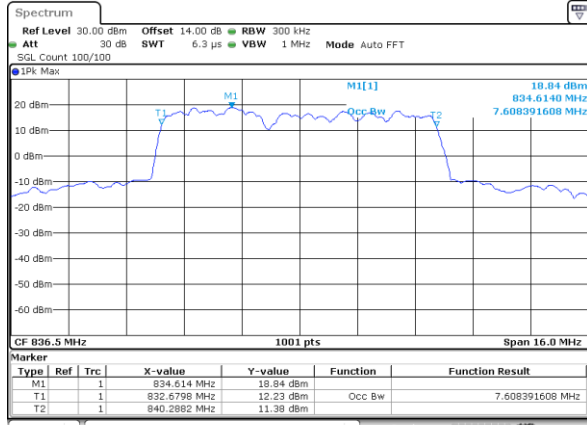
N/A



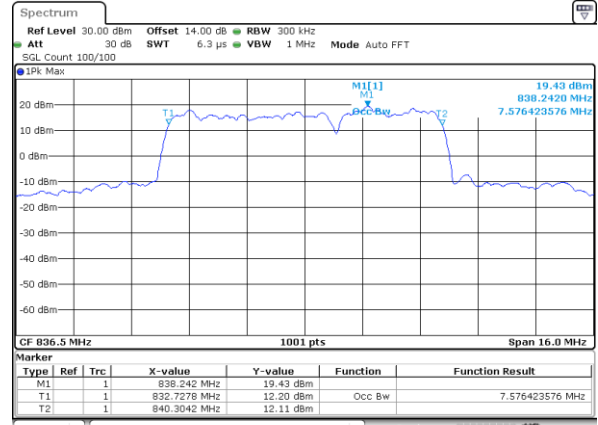
## LTE Band 5B

## 16QAM

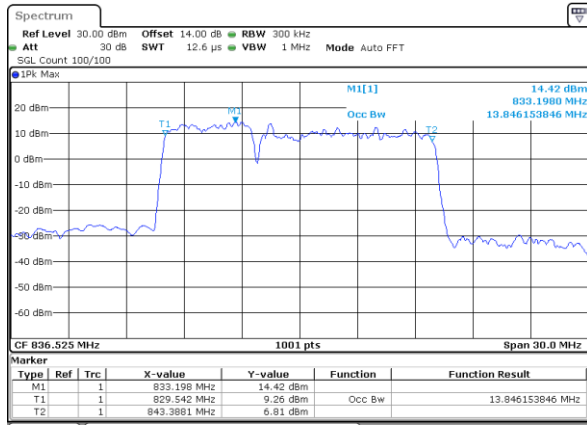
## Middle Channel / 3MHz+5MHz



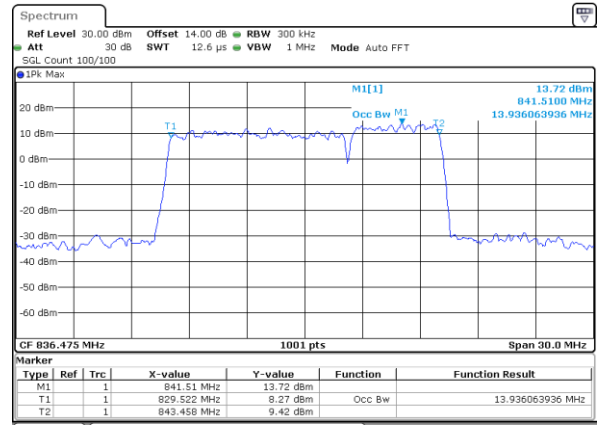
## Middle Channel / 5MHz+3MHz



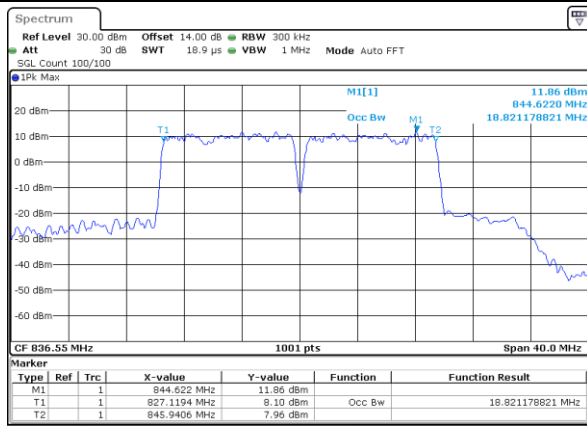
## Middle Channel / 5MHz+10MHz



## Middle Channel / 10MHz+5MHz



## Middle Channel / 10MHz+10MHz



## N/A

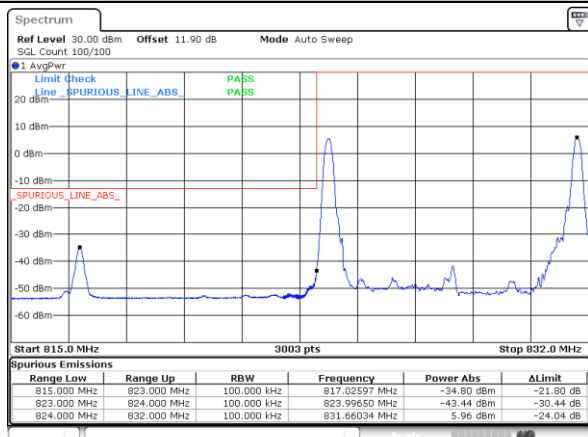


# Conducted Band Edge

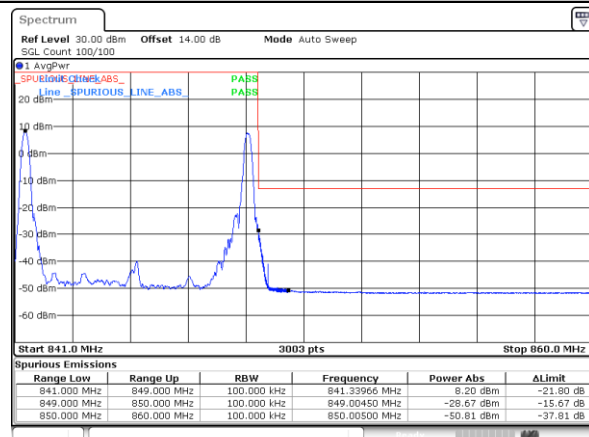
## LTE Band 5B / 3MHz+5MHz

### QPSK

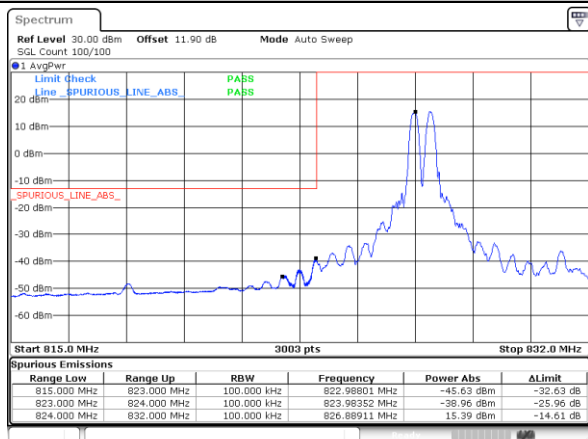
#### Lowest Band Edge / 1RB0 and 1RB24



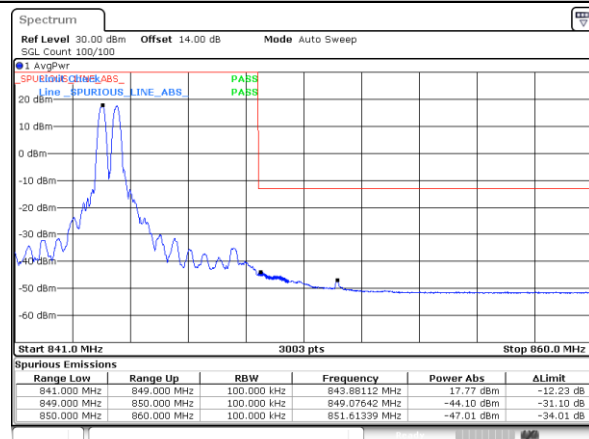
#### Highest Band Edge / 1RB0 and 1RB24



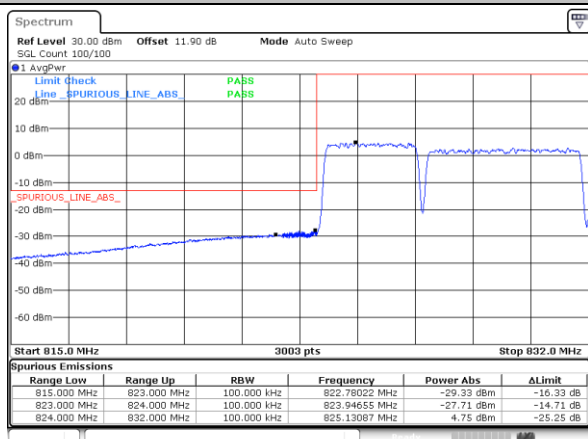
#### Lowest Band Edge / 1RB14 and 1RB0



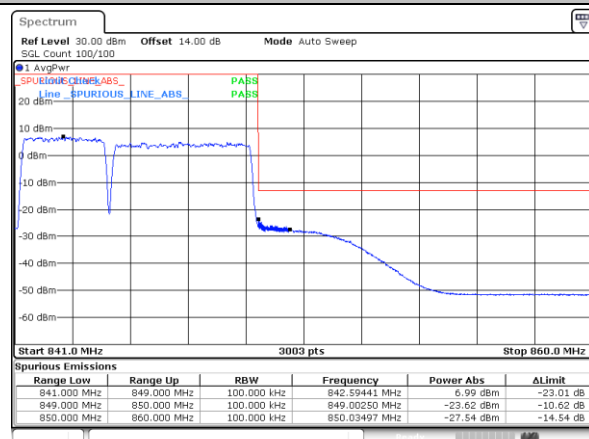
#### Highest Band Edge / 1RB14 and 1RB0



#### Lowest Band Edge / Full RB



#### Highest Band Edge / Full RB

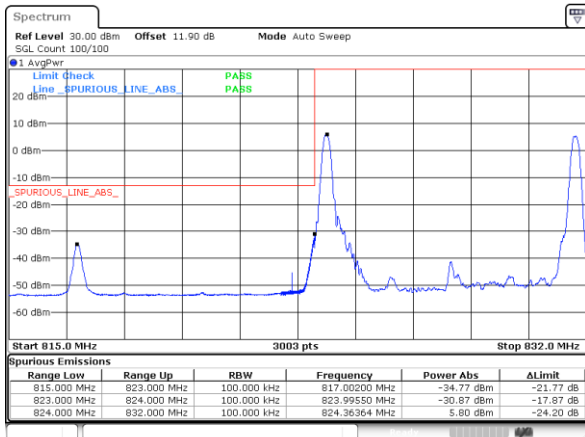




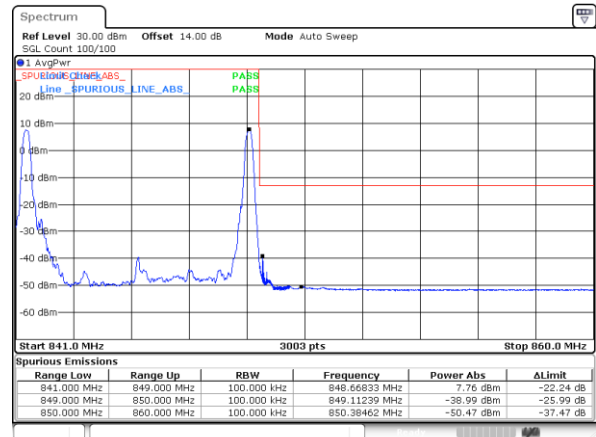
## LTE Band 5B / 5MHz+3MHz

## QPSK

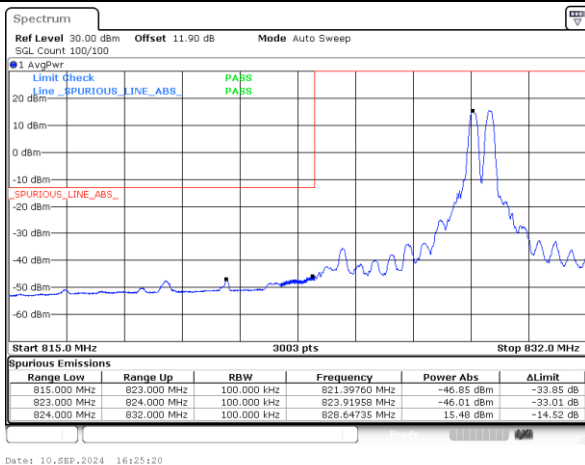
## Lowest Band Edge / 1RB0 and 1RB14



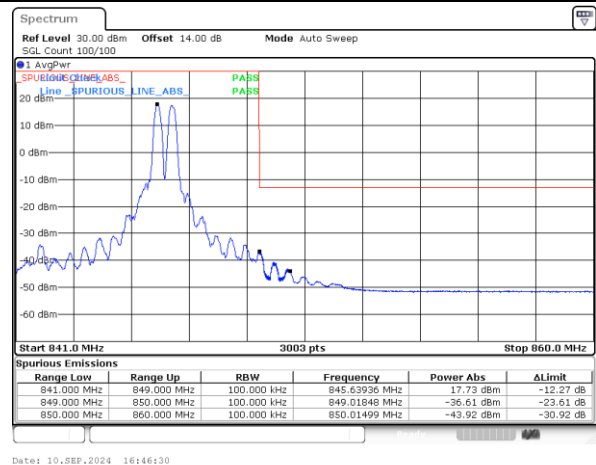
## Highest Band Edge / 1RB0 and 1RB14



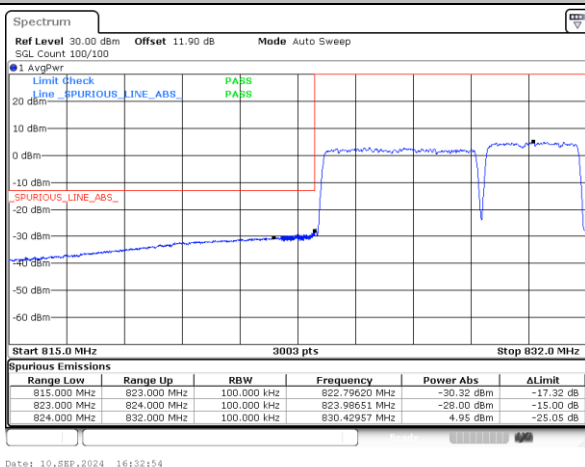
## Lowest Band Edge / 1RB24 and 1RB0



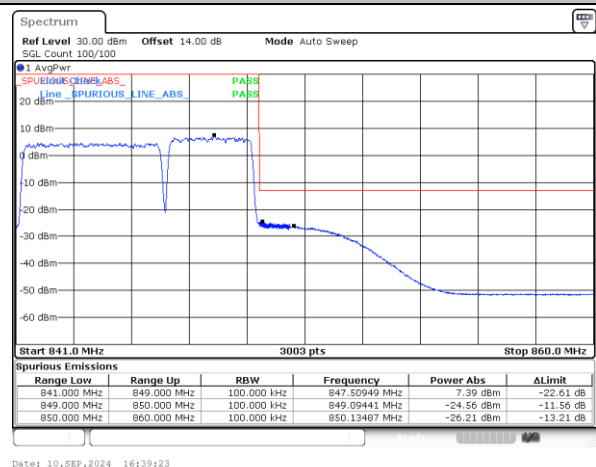
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

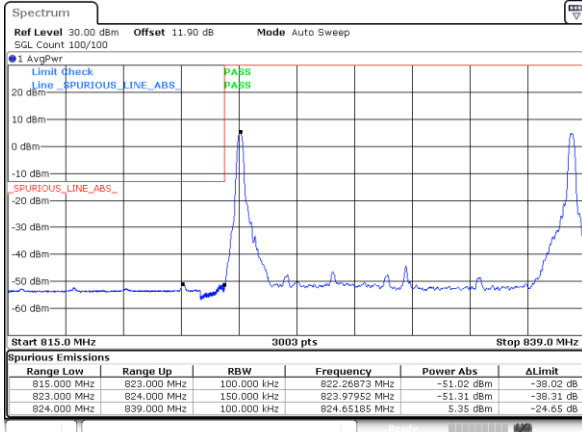




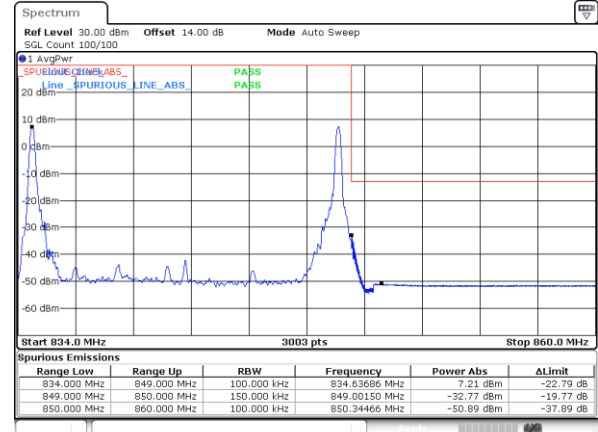
## LTE Band 5B / 5MHz+10MHz

## QPSK

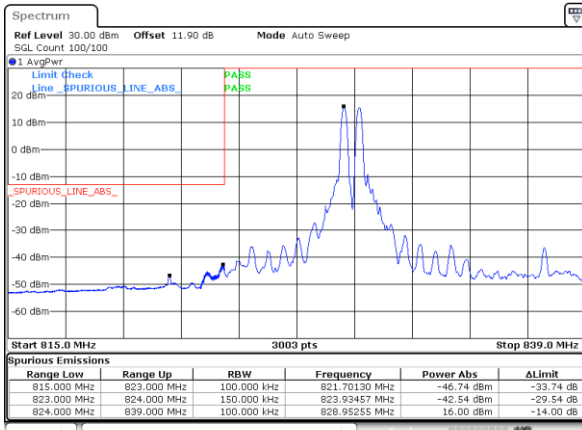
## Lowest Band Edge / 1RB0 and 1RB49



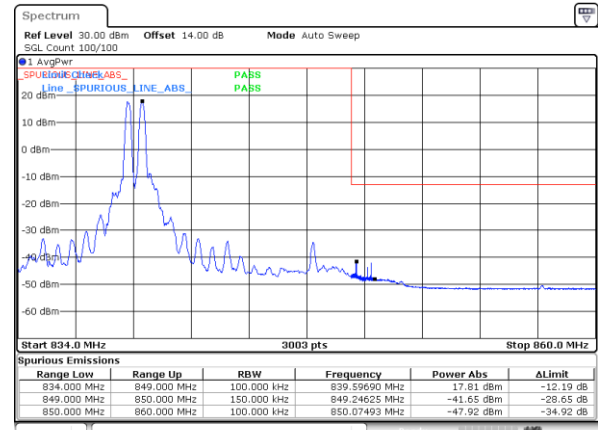
## Highest Band Edge / 1RB0 and 1RB49



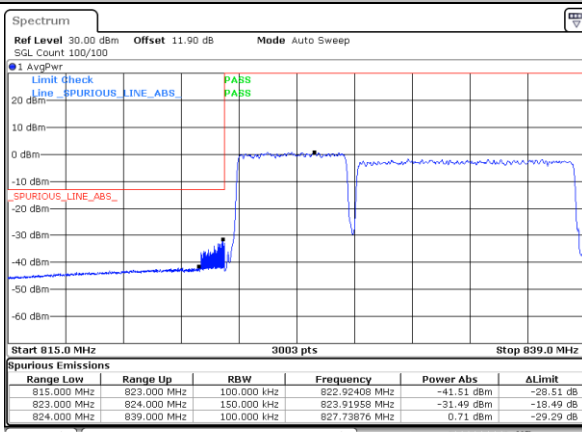
## Lowest Band Edge / 1RB24 and 1RB0



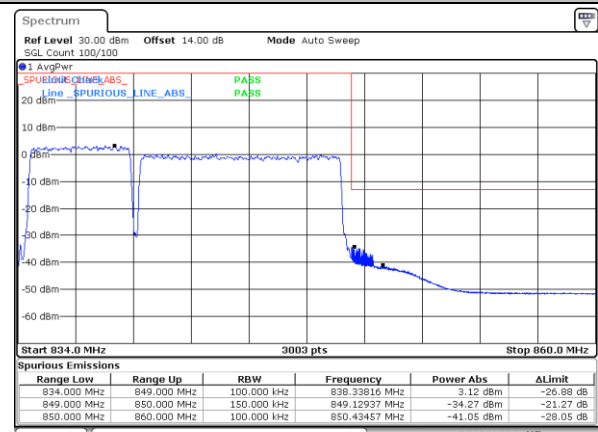
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

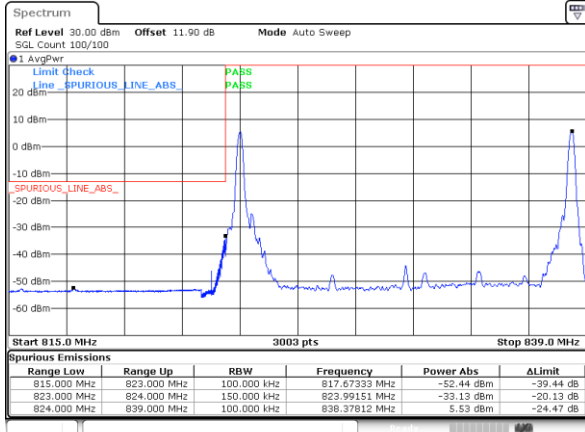




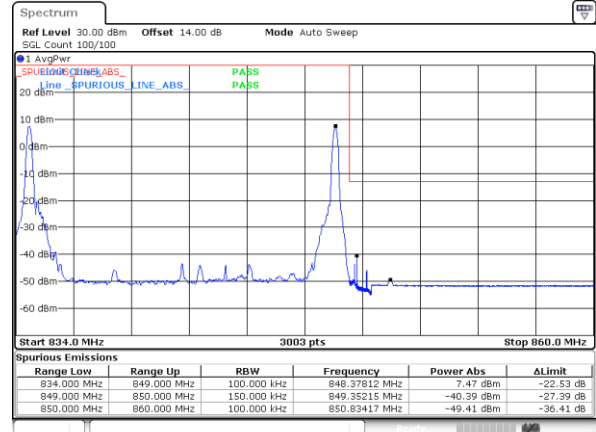
## LTE Band 5B / 10MHz+5MHz

## QPSK

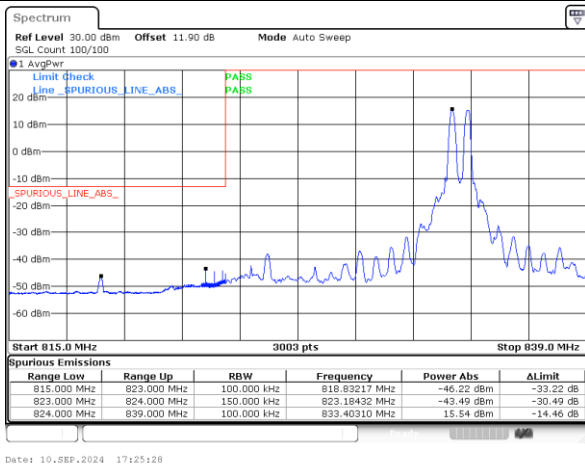
## Lowest Band Edge / 1RB0 and 1RB24



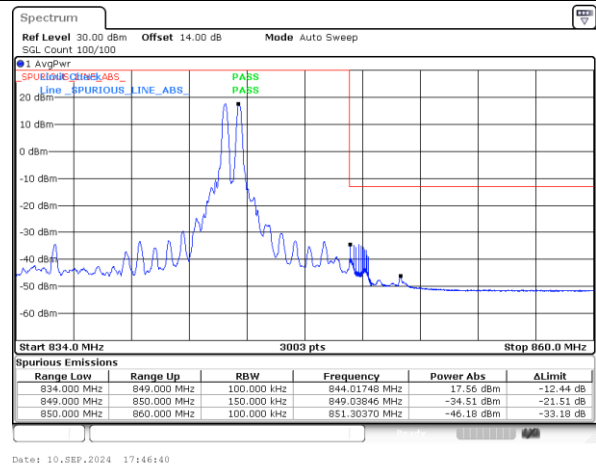
## Highest Band Edge / 1RB0 and 1RB24



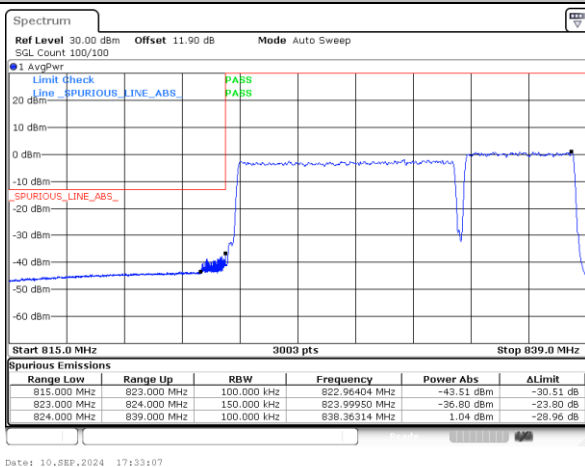
## Lowest Band Edge / 1RB49 and 1RB0



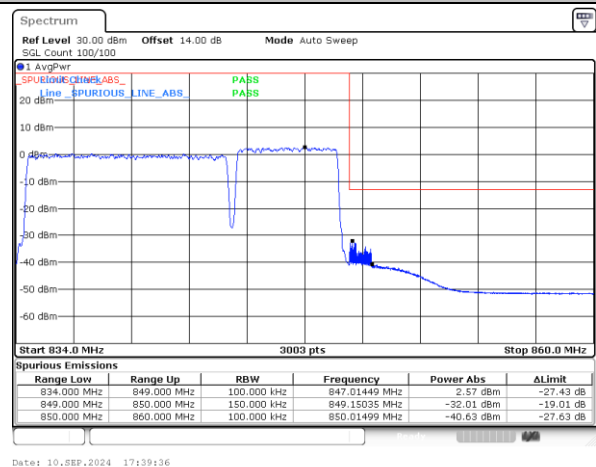
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

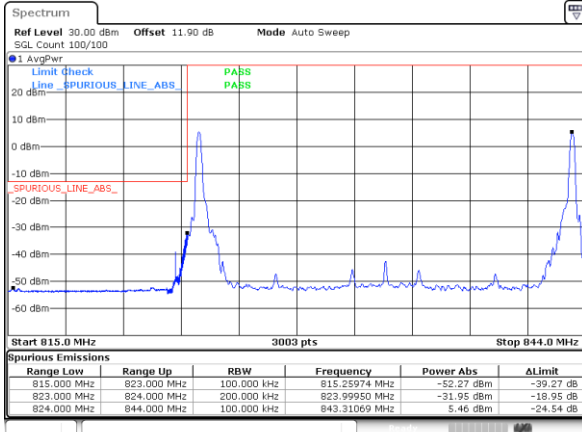




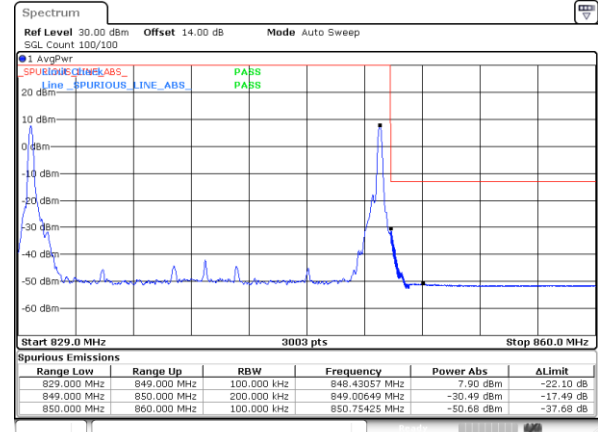
## LTE Band 5B / 10MHz+10MHz

## QPSK

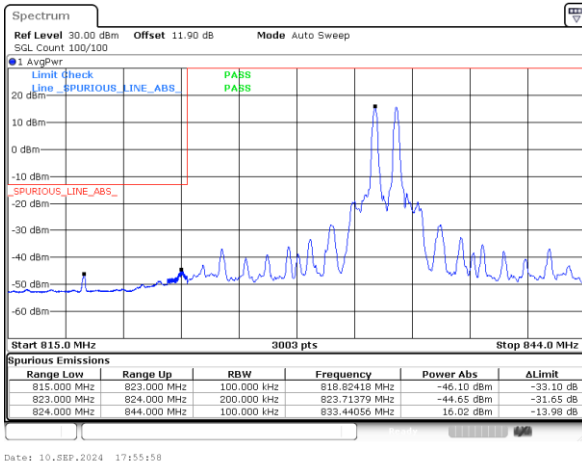
## Lowest Band Edge / 1RB0 and 1RB49



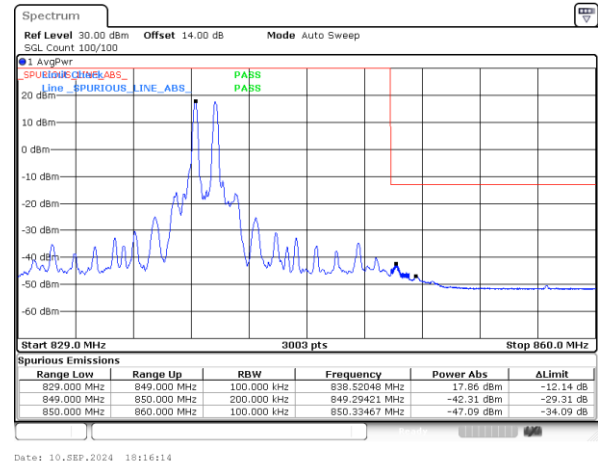
## Highest Band Edge / 1RB0 and 1RB49



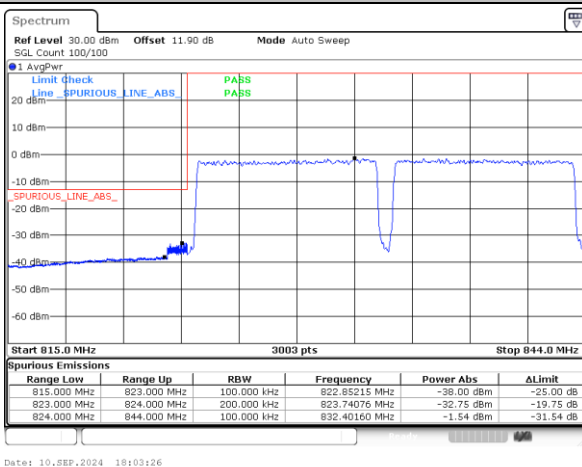
## Lowest Band Edge / 1RB49 and 1RB0



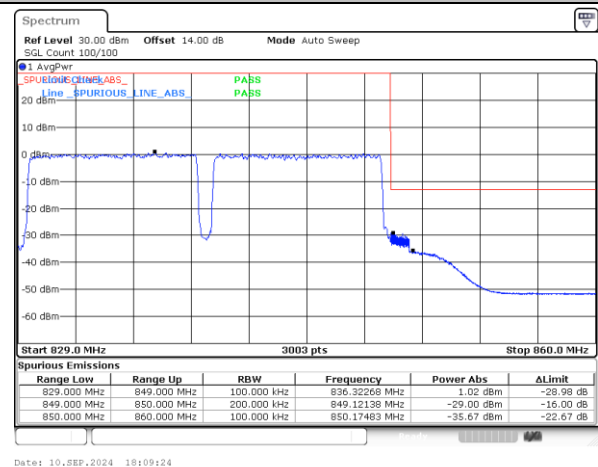
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

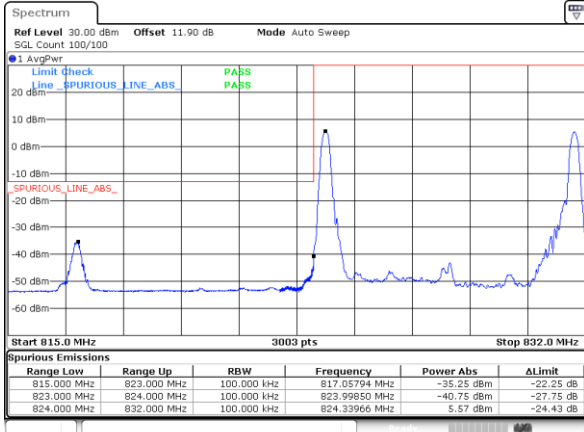




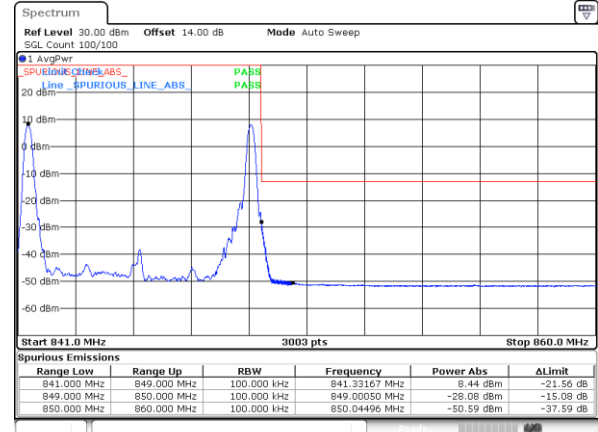
## LTE Band 5B / 3MHz+5MHz

## 16QAM

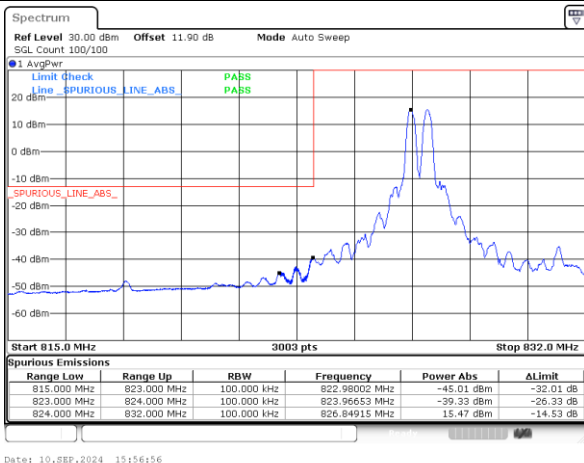
## Lowest Band Edge / 1RB0 and 1RB24



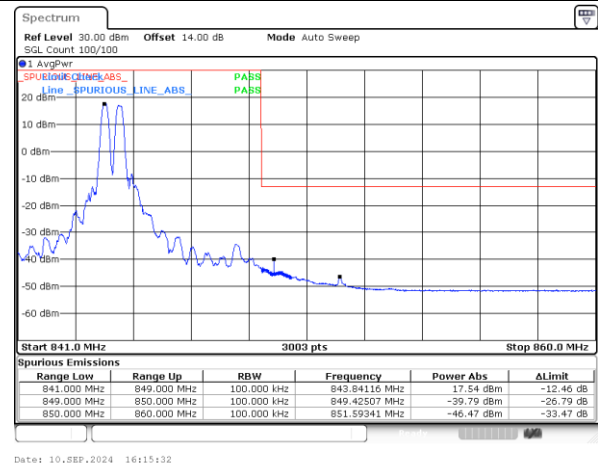
## Highest Band Edge / 1RB0 and 1RB24



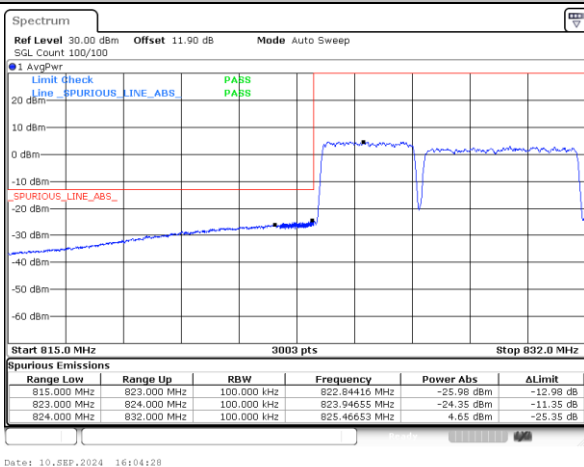
## Lowest Band Edge / 1RB14 and 1RB0



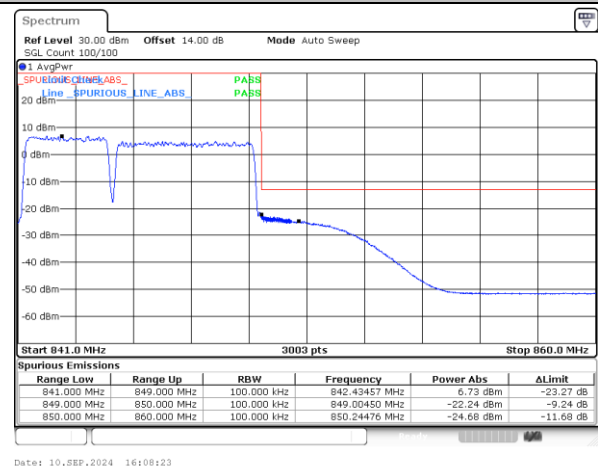
## Highest Band Edge / 1RB14 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

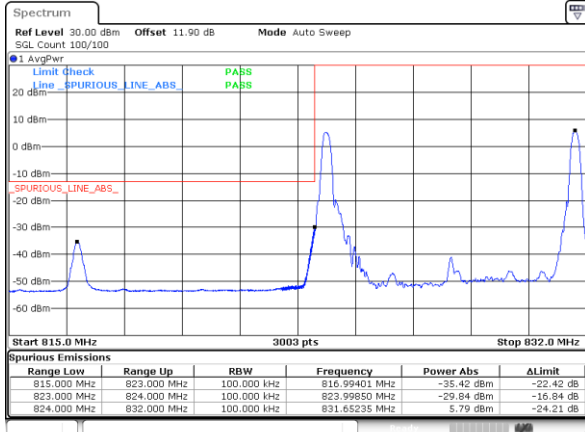




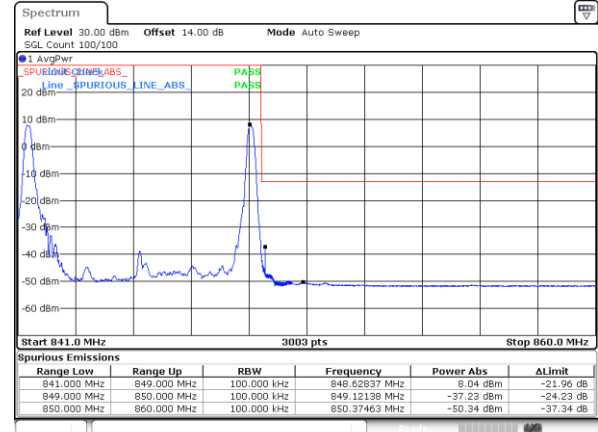
## LTE Band 5B / 5MHz+3MHz

## 16QAM

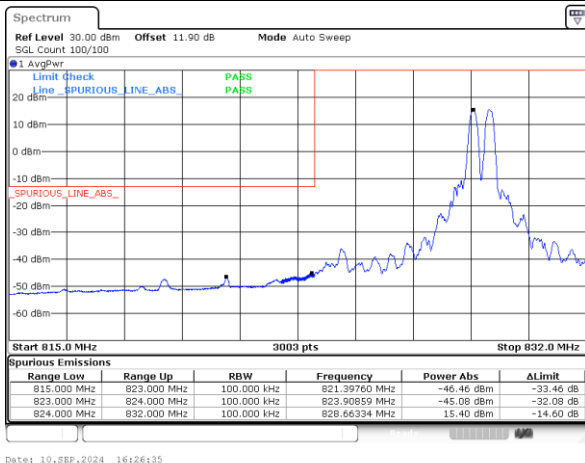
## Lowest Band Edge / 1RB0 and 1RB14



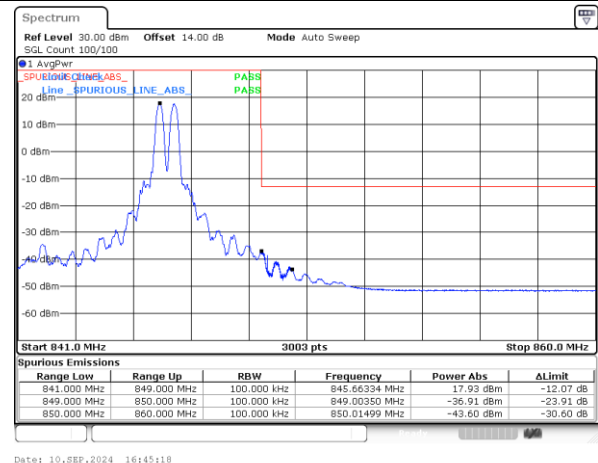
## Highest Band Edge / 1RB0 and 1RB14



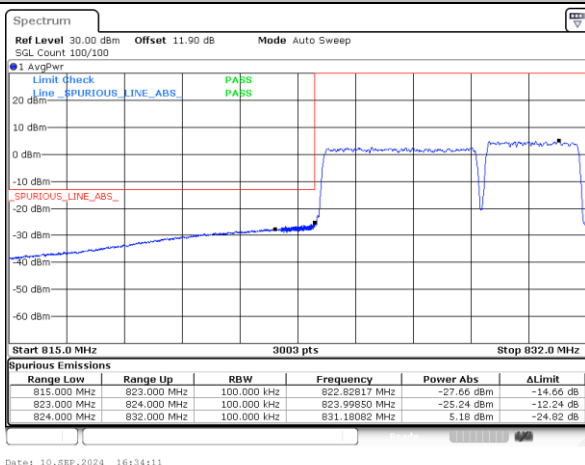
## Lowest Band Edge / 1RB24 and 1RB0



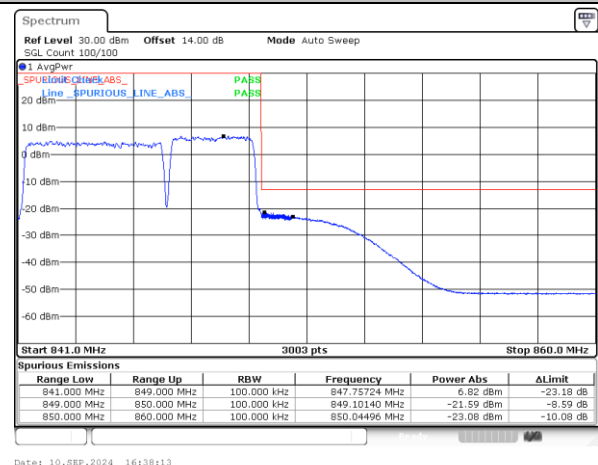
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

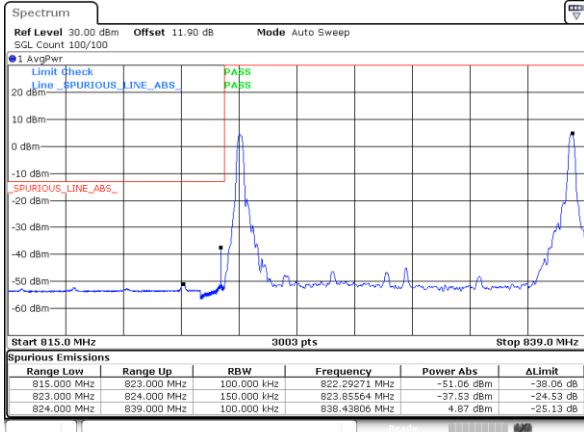




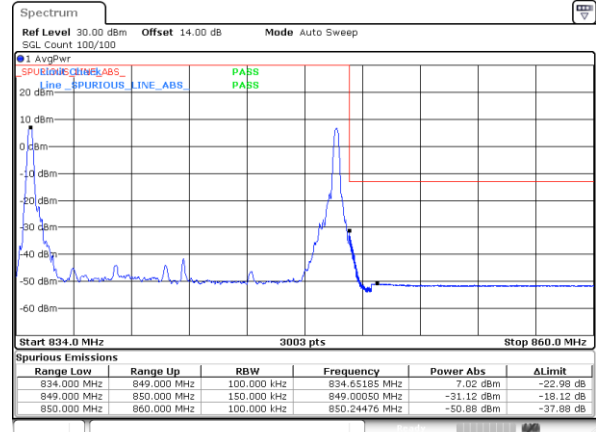
## LTE Band 5B / 5MHz+10MHz

## 16QAM

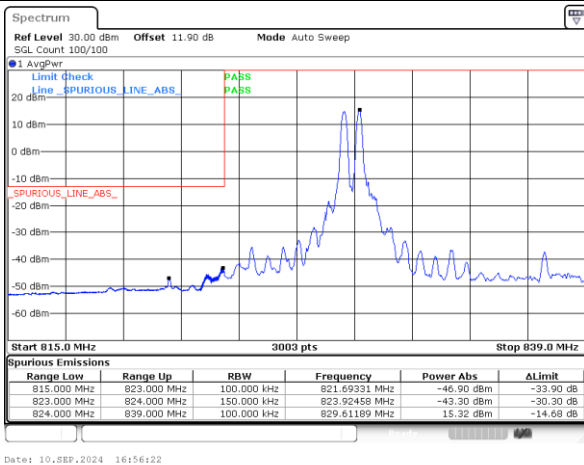
## Lowest Band Edge / 1RB0 and 1RB49



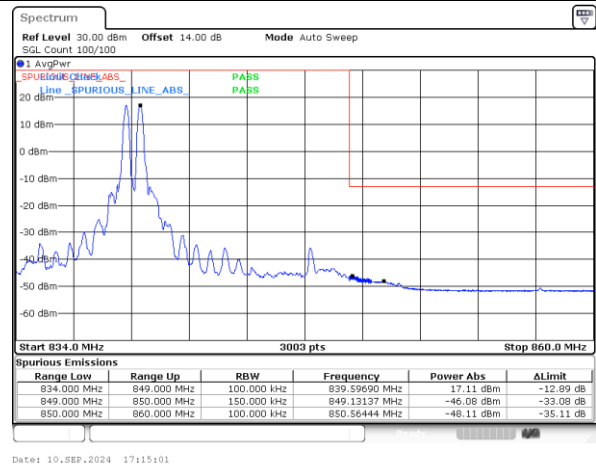
## Highest Band Edge / 1RB0 and 1RB49



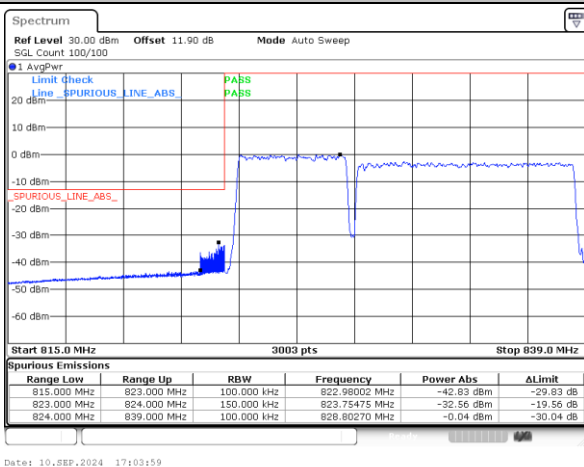
## Lowest Band Edge / 1RB24 and 1RB0



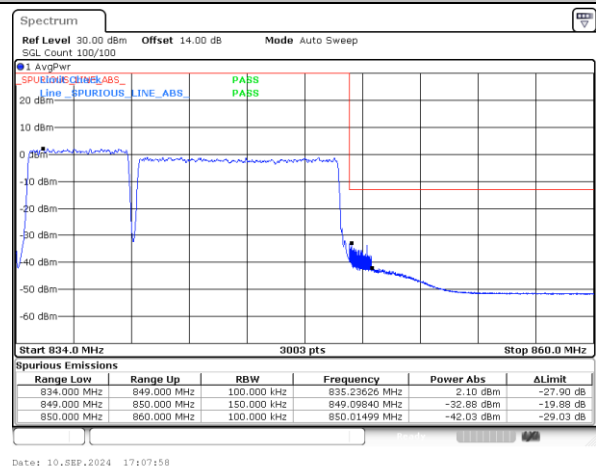
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

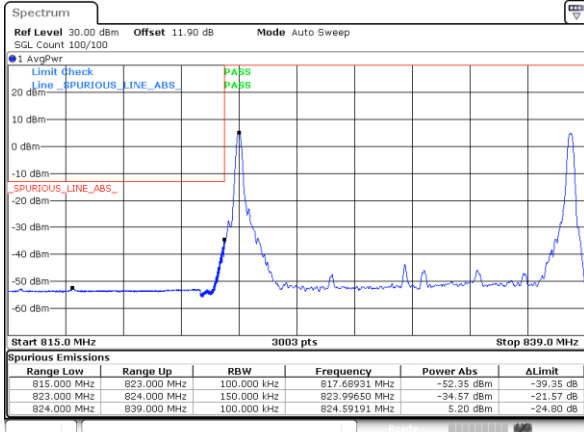




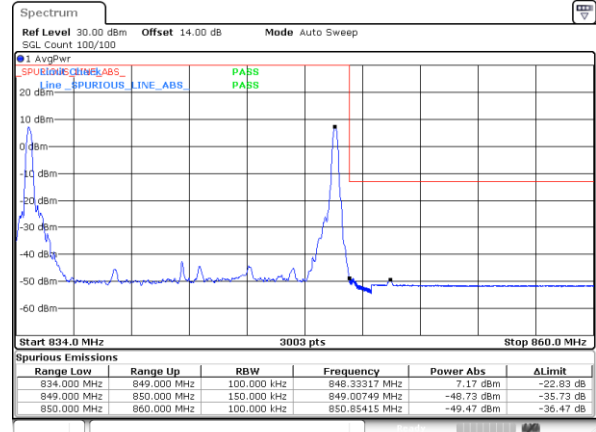
## LTE Band 5B / 10MHz+5MHz

## 16QAM

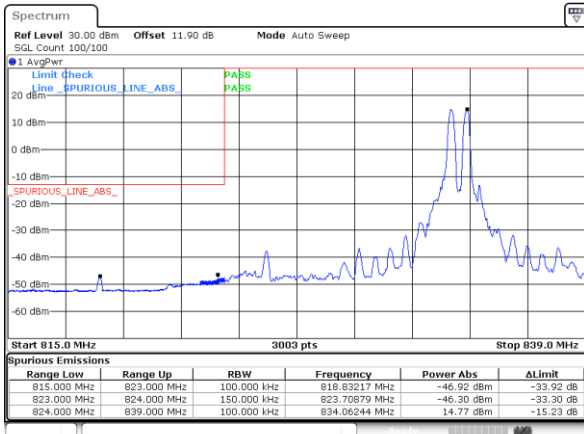
## Lowest Band Edge / 1RB0 and 1RB24



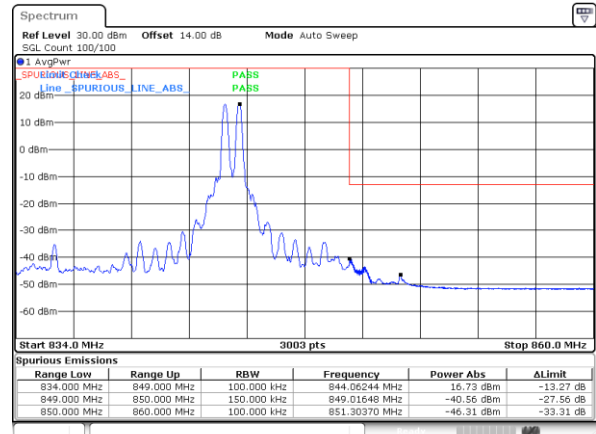
## Highest Band Edge / 1RB0 and 1RB24



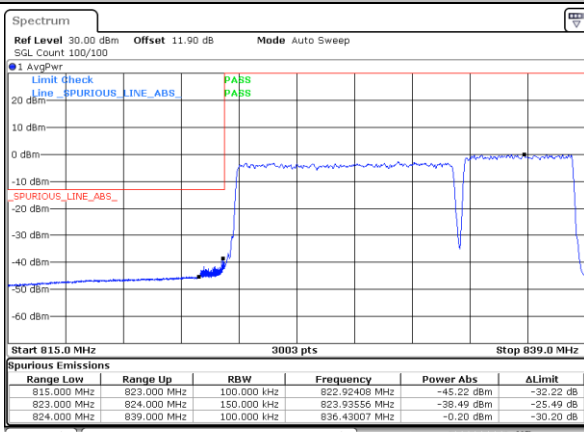
## Lowest Band Edge / 1RB49 and 1RB0



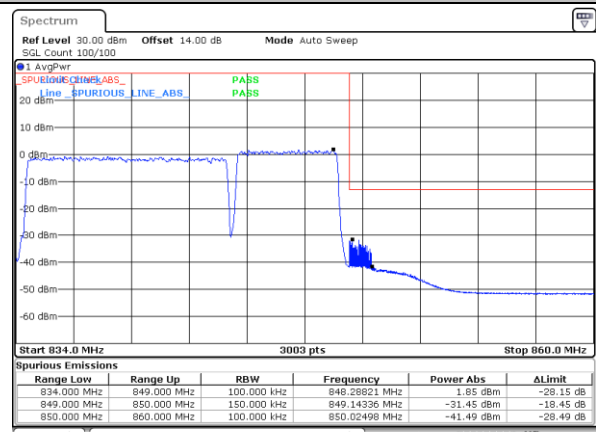
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

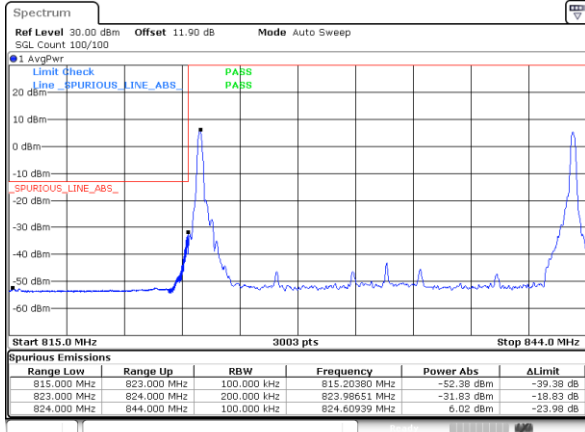




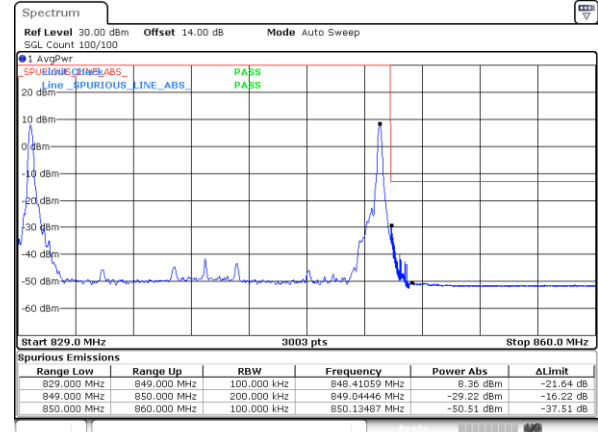
## LTE Band 5B / 10MHz+10MHz

## 16QAM

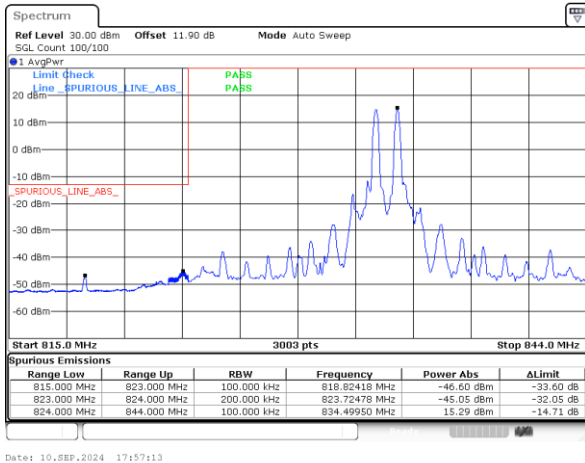
## Lowest Band Edge / 1RB0 and 1RB49



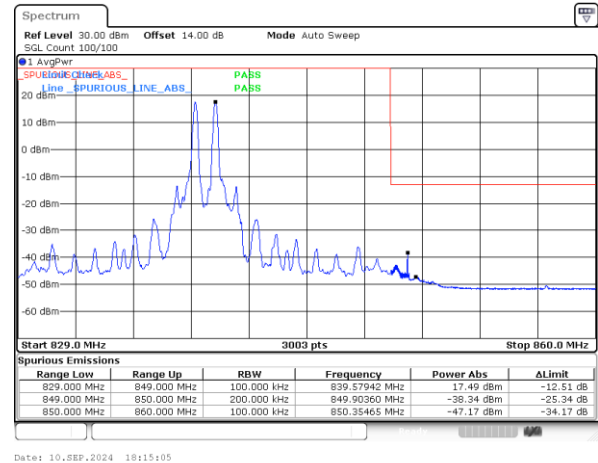
## Highest Band Edge / 1RB0 and 1RB49



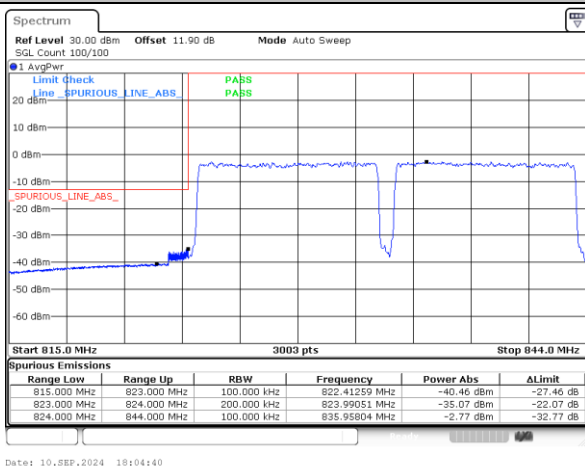
## Lowest Band Edge / 1RB49 and 1RB0



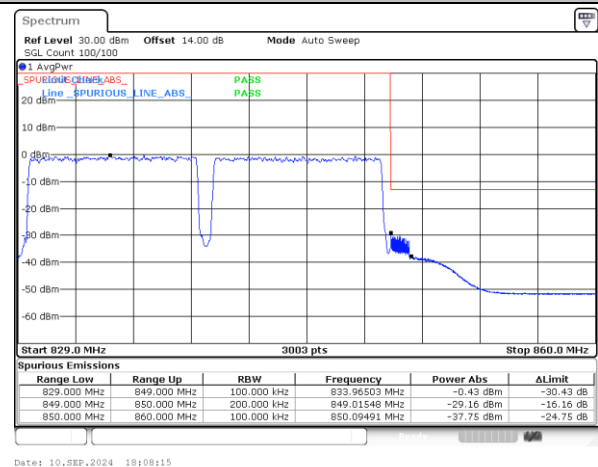
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

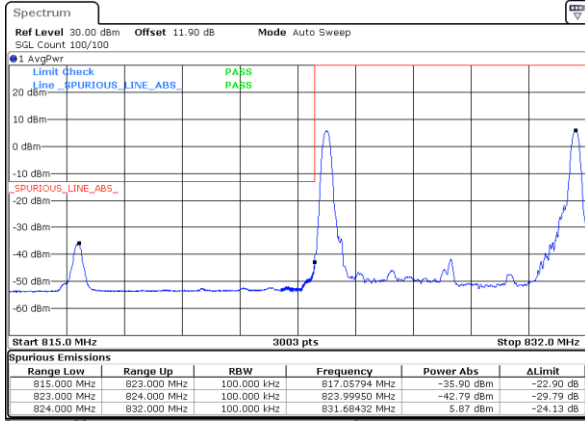




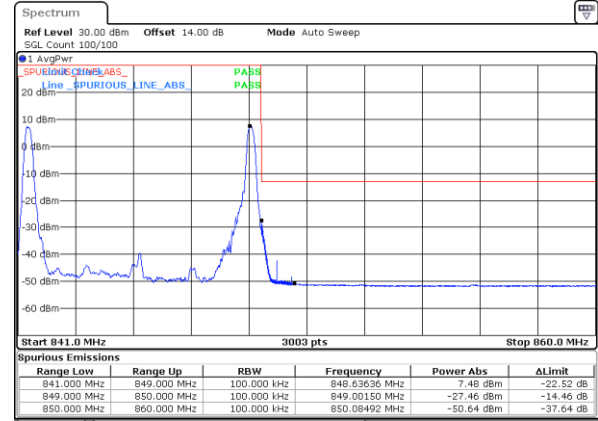
## LTE Band 5B / 3MHz+5MHz

## 64QAM

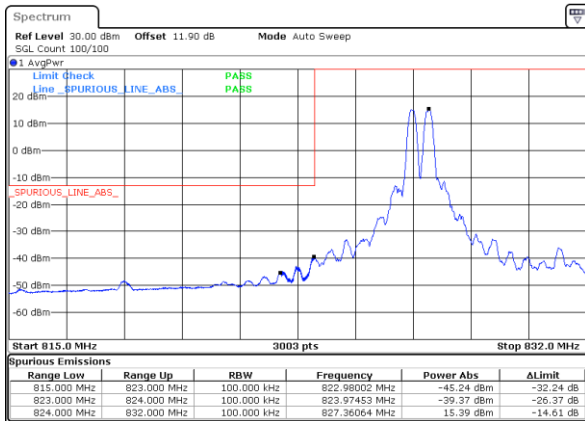
## Lowest Band Edge / 1RB0 and 1RB24



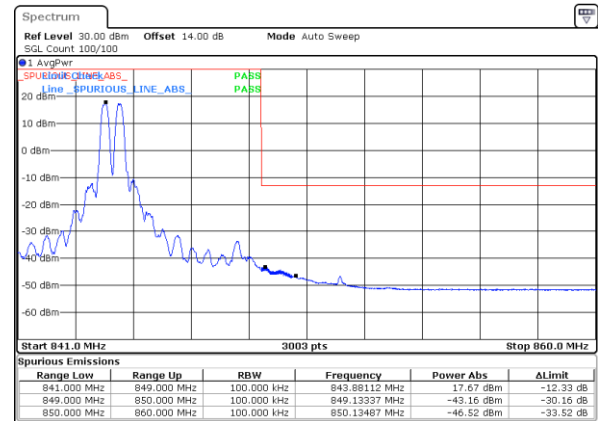
## Highest Band Edge / 1RB0 and 1RB24



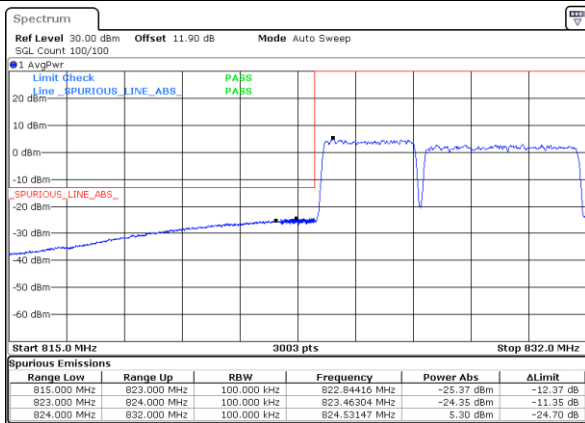
## Lowest Band Edge / 1RB14 and 1RB0



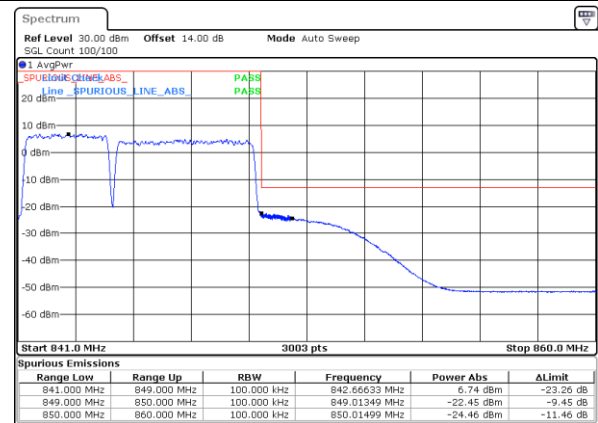
## Highest Band Edge / 1RB14 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

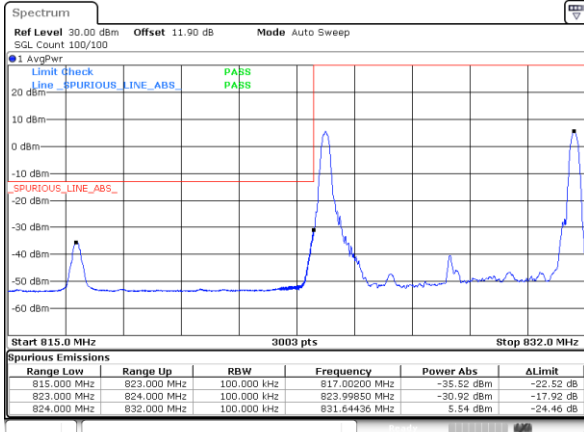




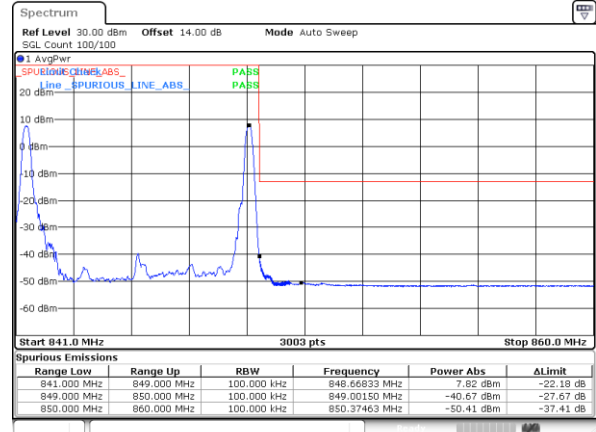
## LTE Band 5B / 5MHz+3MHz

## 64QAM

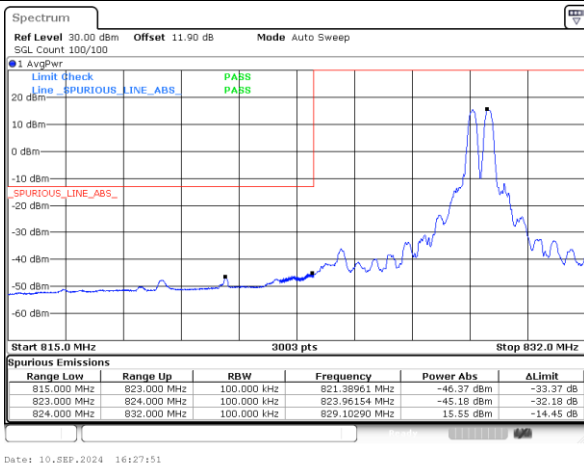
## Lowest Band Edge / 1RB0 and 1RB14



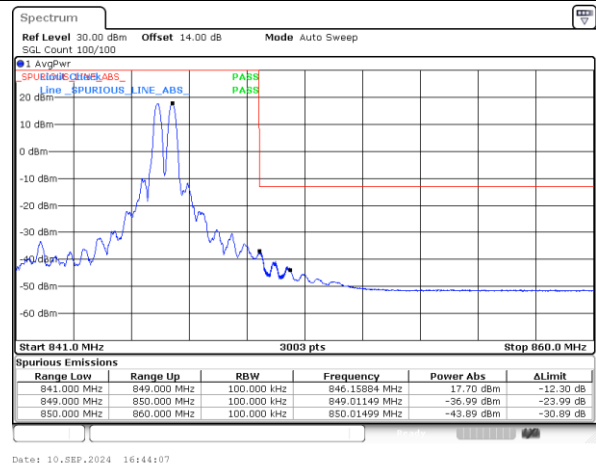
## Highest Band Edge / 1RB0 and 1RB14



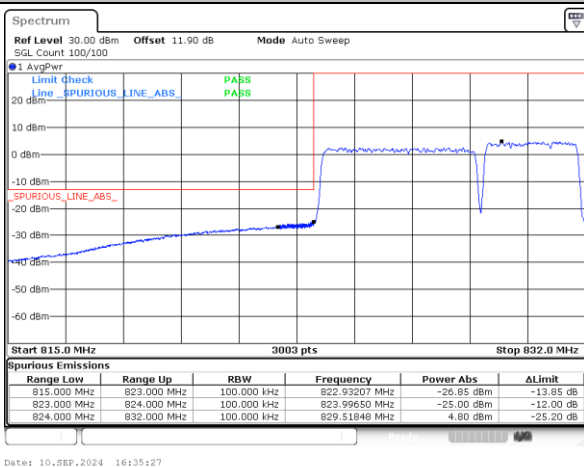
## Lowest Band Edge / 1RB24 and 1RB0



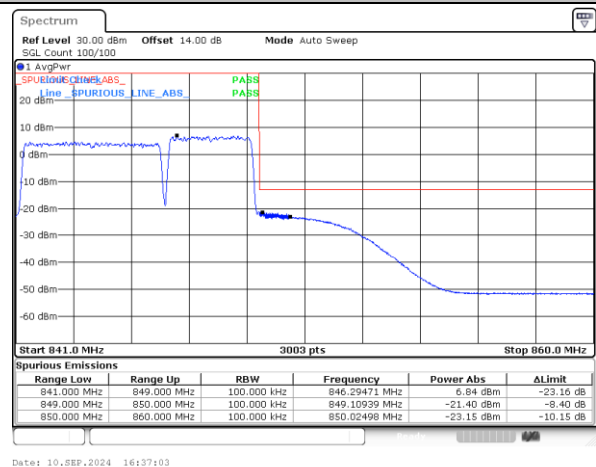
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

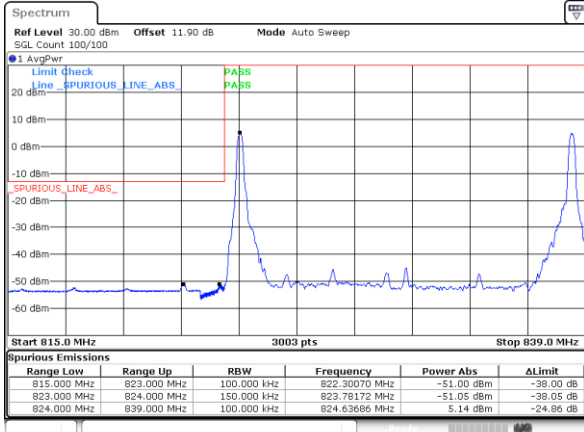




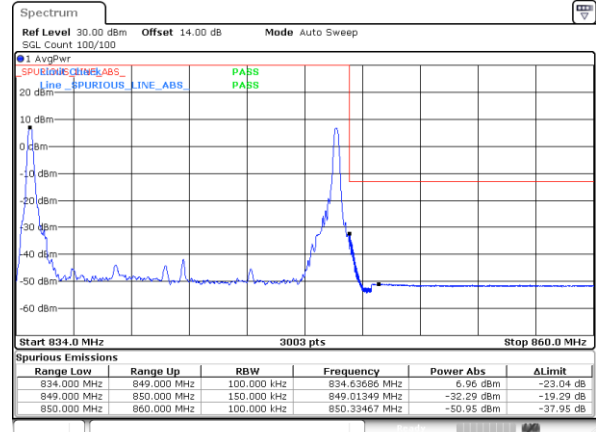
## LTE Band 5B / 5MHz+10MHz

## 64QAM

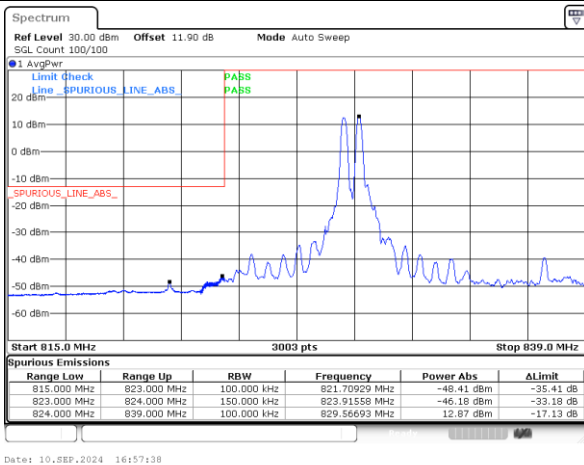
## Lowest Band Edge / 1RB0 and 1RB49



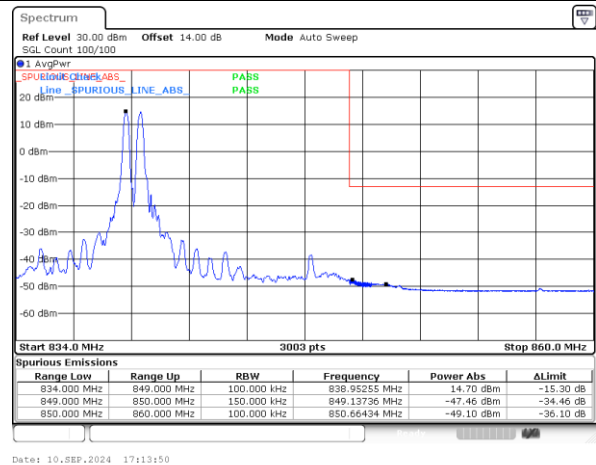
## Highest Band Edge / 1RB0 and 1RB49



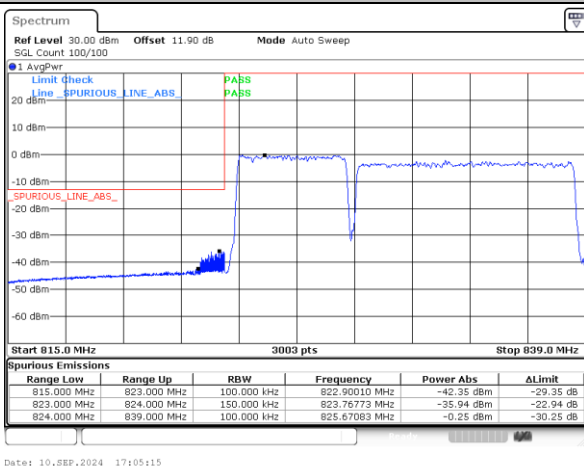
## Lowest Band Edge / 1RB24 and 1RB0



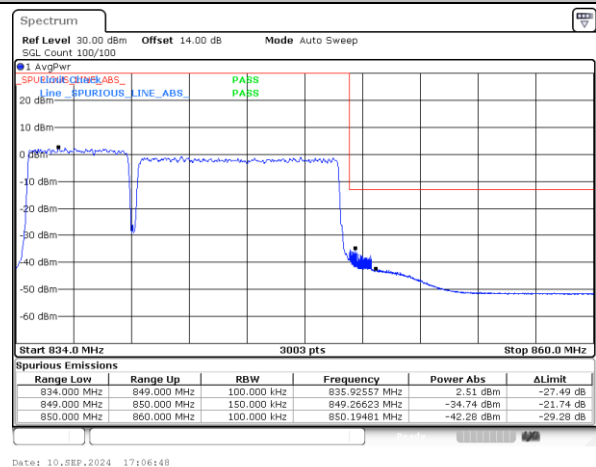
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

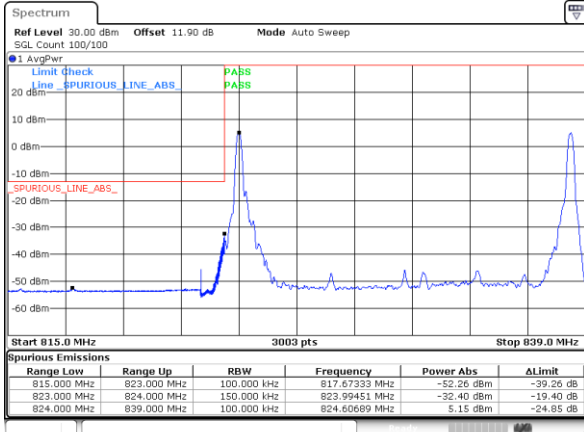




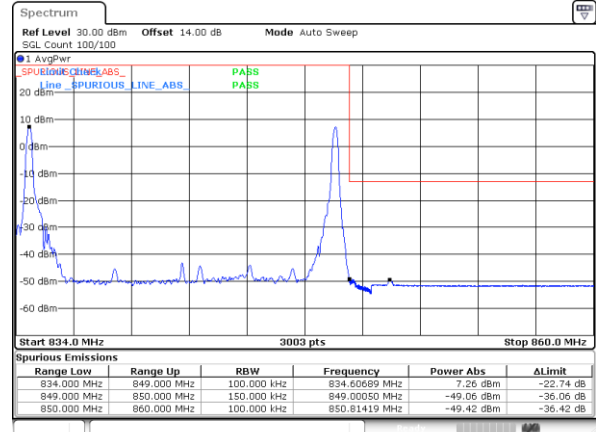
## LTE Band 5B / 10MHz+5MHz

## 64QAM

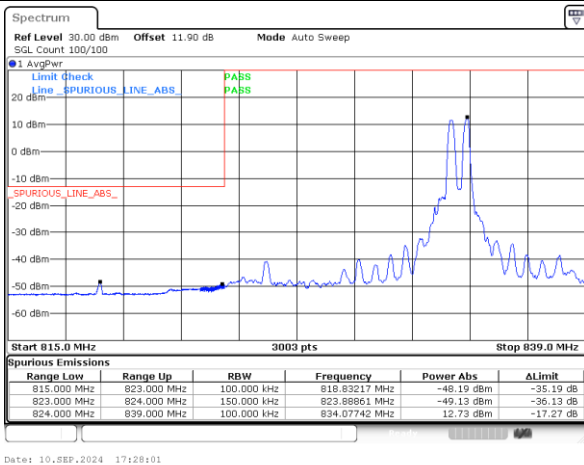
## Lowest Band Edge / 1RB0 and 1RB24



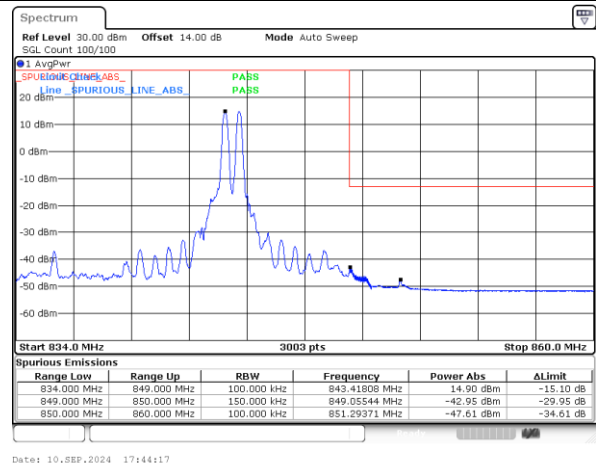
## Highest Band Edge / 1RB0 and 1RB24



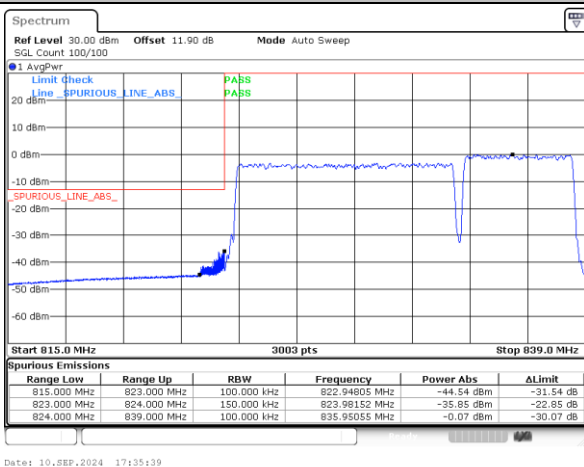
## Lowest Band Edge / 1RB49 and 1RB0



## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

