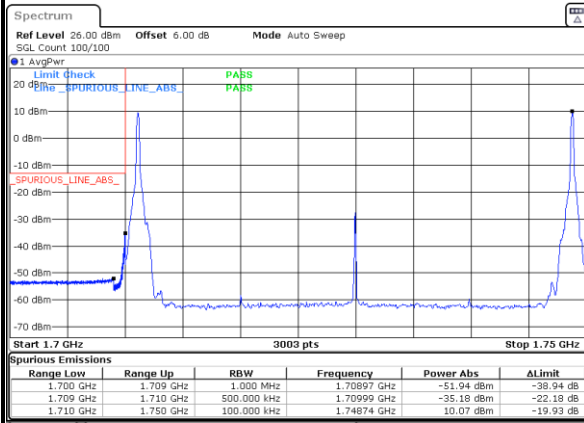




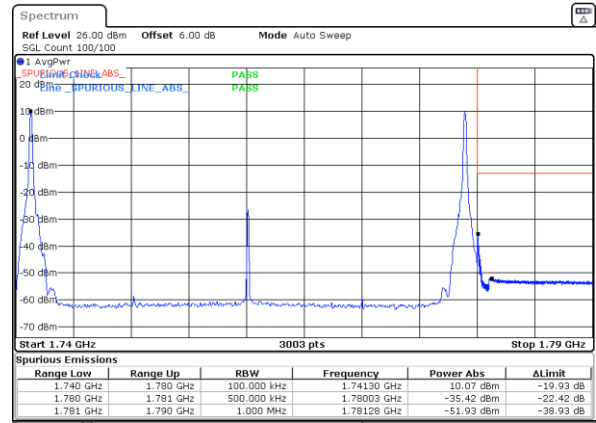
## LTE Band 66C / 20MHz+20MHz

## 256QAM

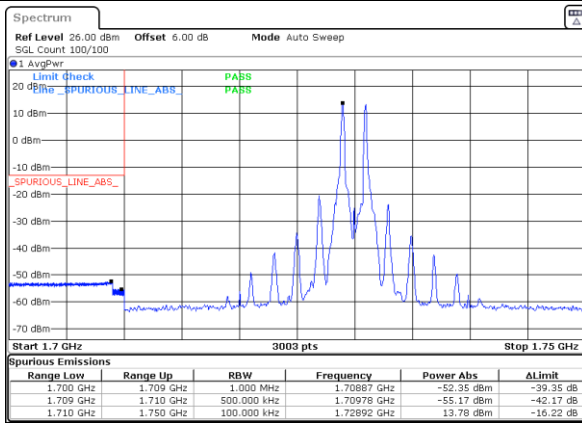
## Lowest Band Edge / 1RB0 and 1RB99



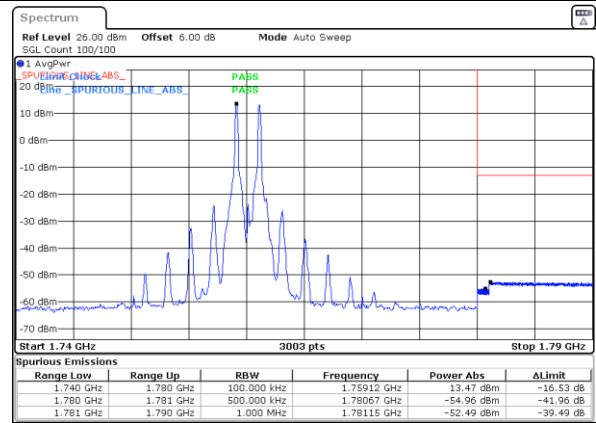
## Highest Band Edge / 1RB0 and 1RB99



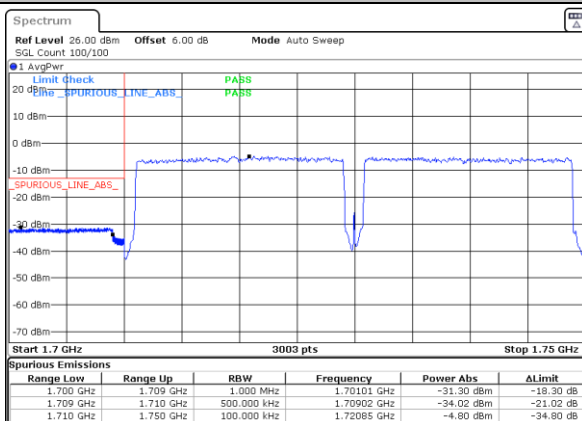
## Lowest Band Edge / 1RB99 and 1RB0



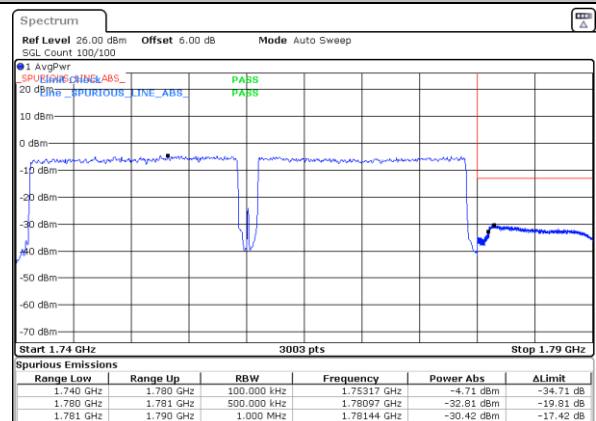
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



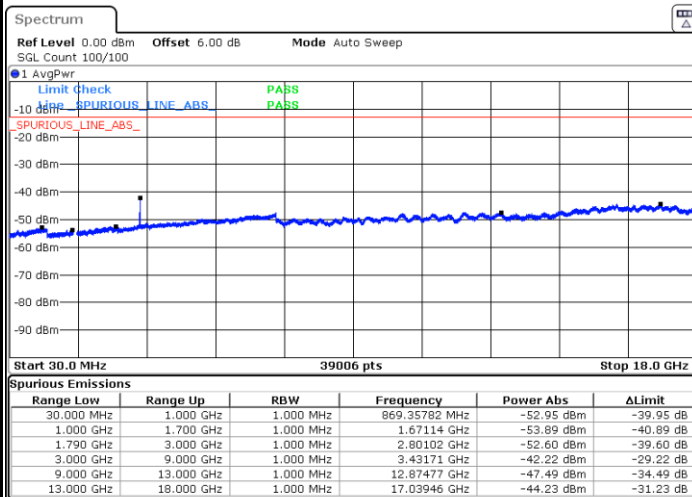
## Highest Band Edge / Full RB





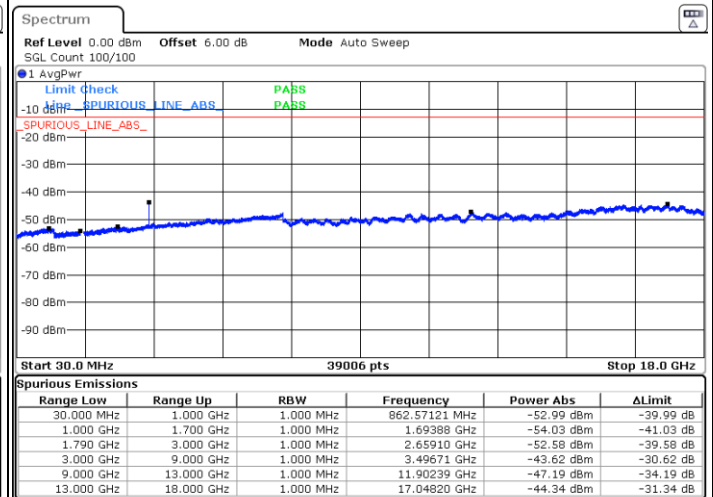
# Conducted Spurious Emission

## LTE Band 66C / 5MHz+20MHz QPSK Lowest Channel / 1RB24 and 1RB0



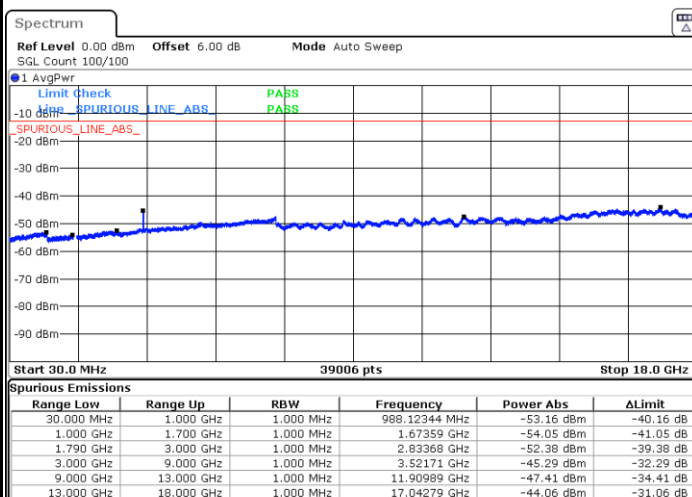
Date: 11.JUL.2024 23:15:47

## LTE Band 66C / 5MHz+20MHz QPSK Middle Channel / 1RB24 and 1RB0

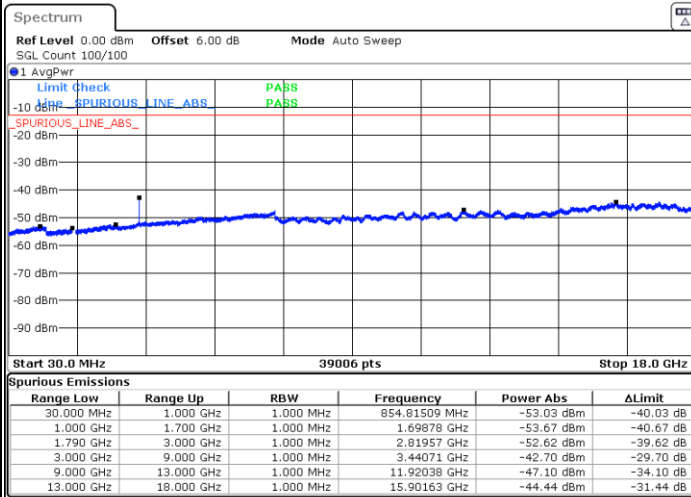


Date: 11.JUL.2024 23:19:31

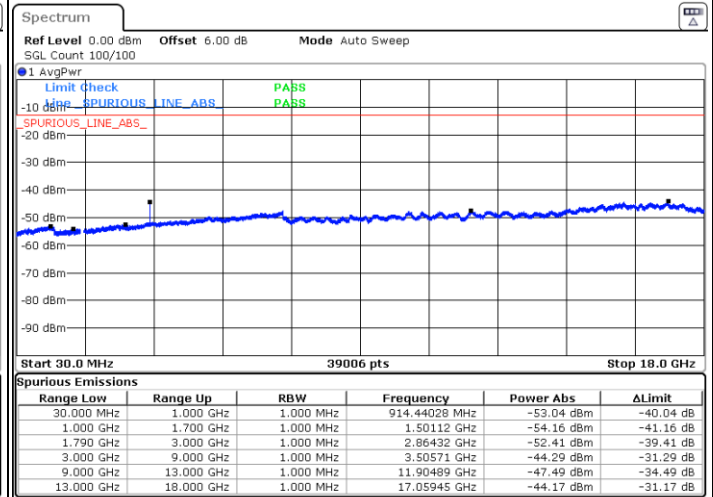
## LTE Band 66C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



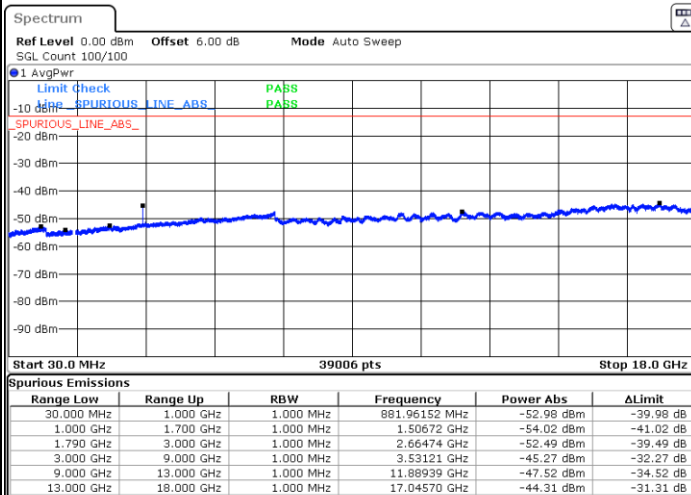
Date: 11.JUL.2024 23:33:42

LTE Band 66C / 10MHz+15MHz QPSK Lowest  
Channel / 1RB24 and 1RB0LTE Band 66C / 10MHz+15MHz QPSK Middle  
Channel / 1RB24 and 1RB0

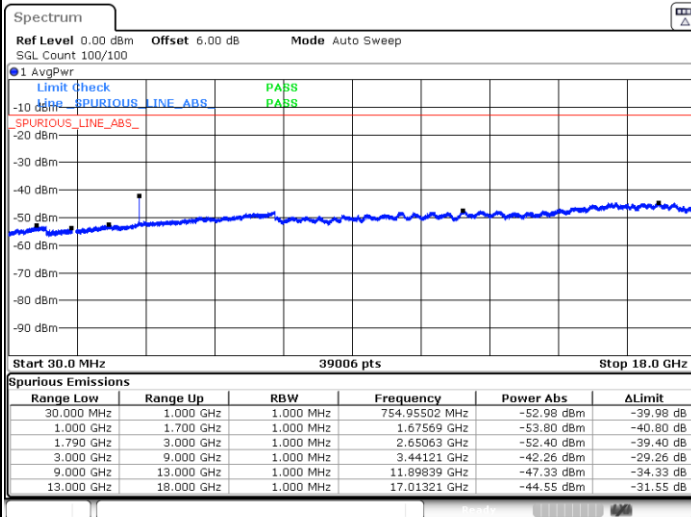
Date: 11.JUL.2024 23:49:45



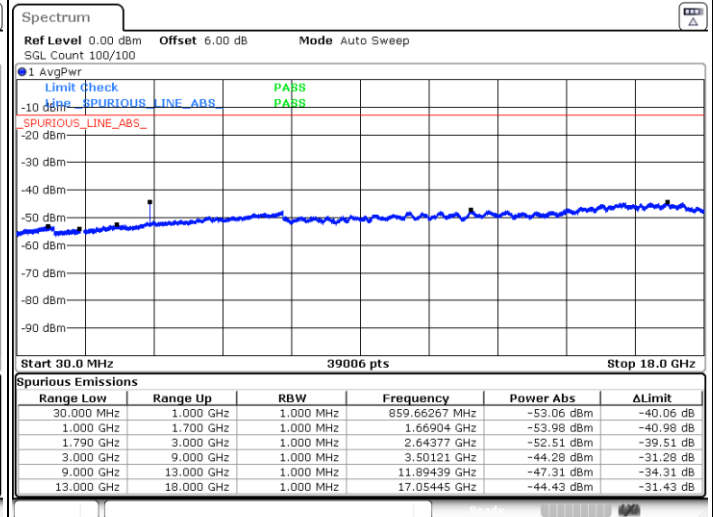
Date: 11.JUL.2024 23:51:27

LTE Band 66C / 10MHz+15MHz QPSK Highest  
Channel / 1RB24 and 1RB0

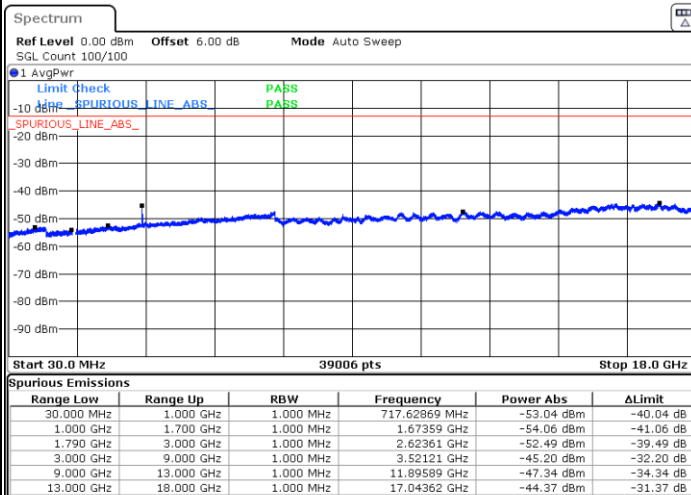
Date: 12.JUL.2024 00:07:39

LTE Band 66C / 10MHz+20MHz QPSK Lowest  
Channel / 1RB49 and 1RB0LTE Band 66C / 10MHz+20MHz QPSK Middle  
Channel / 1RB49 and 1RB0

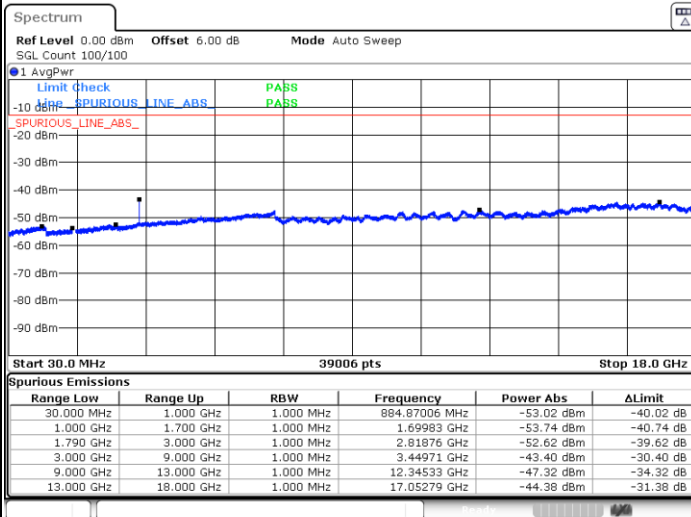
Date: 12.JUL.2024 00:53:59



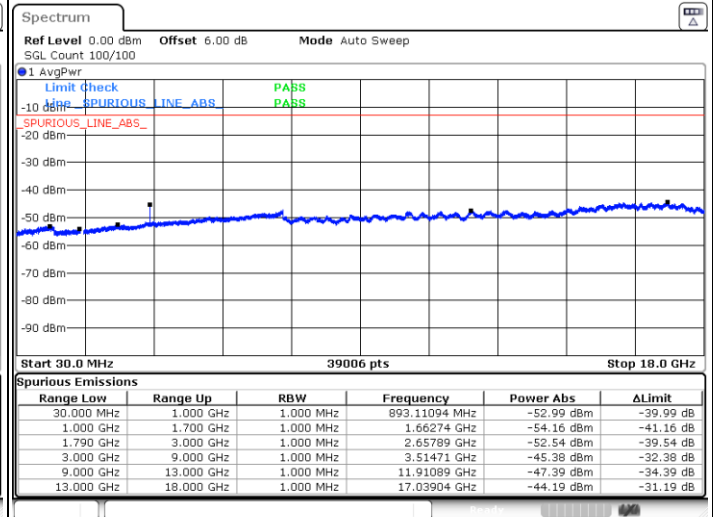
Date: 12.JUL.2024 00:57:41

LTE Band 66C / 10MHz+20MHz QPSK Highest  
Channel / 1RB49 and 1RB0

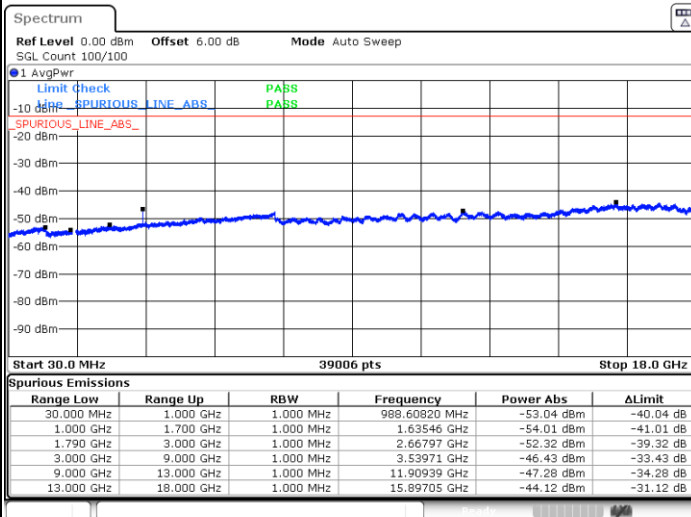
Date: 12.JUL.2024 01:11:46

LTE Band 66C / 15MHz+10MHz QPSK Lowest  
Channel / 1RB24 and 1RB0LTE Band 66C / 15MHz+10MHz QPSK Middle  
Channel / 1RB24 and 1RB0

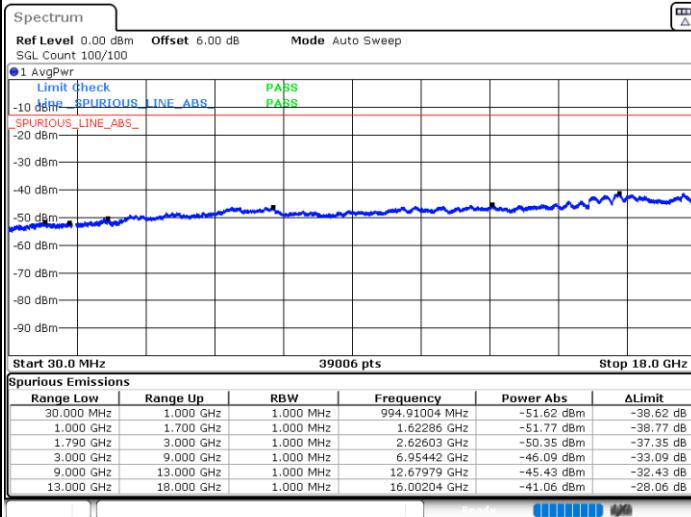
Date: 12.JUL.2024 00:39:54



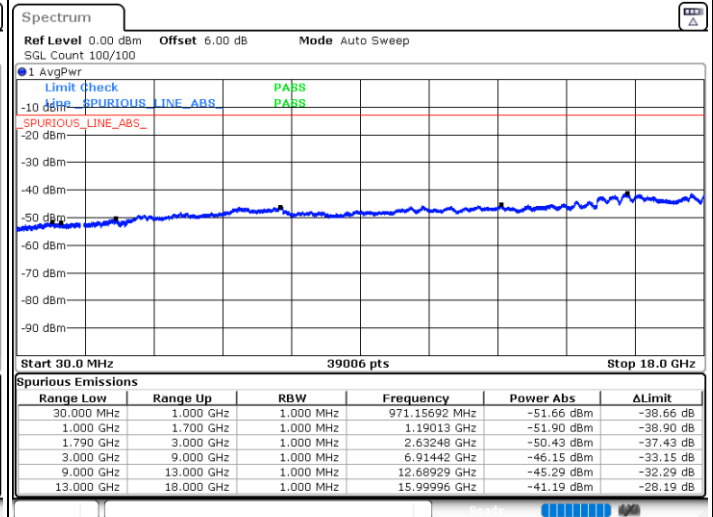
Date: 12.JUL.2024 00:23:27

LTE Band 66C / 15MHz+10MHz QPSK Highest  
Channel / 1RB24 and 1RB0

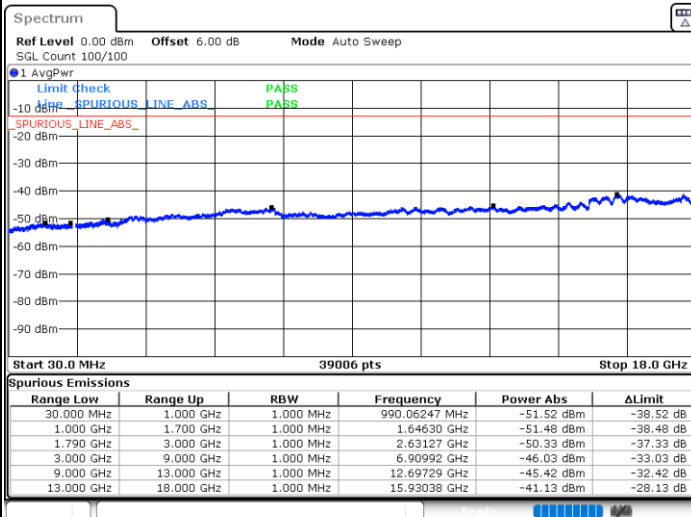
Date: 12.JUL.2024 00:21:46

LTE Band 66C / 15MHz+15MHz QPSK Lowest  
Channel / 1RB24 and 1RB0LTE Band 66C / 15MHz+15MHz QPSK Middle  
Channel / 1RB24 and 1RB0

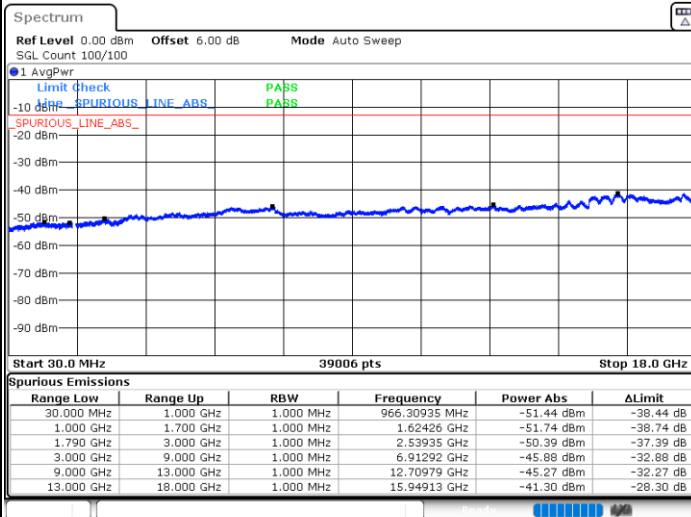
Date: 12.JUL.2024 02:16:23



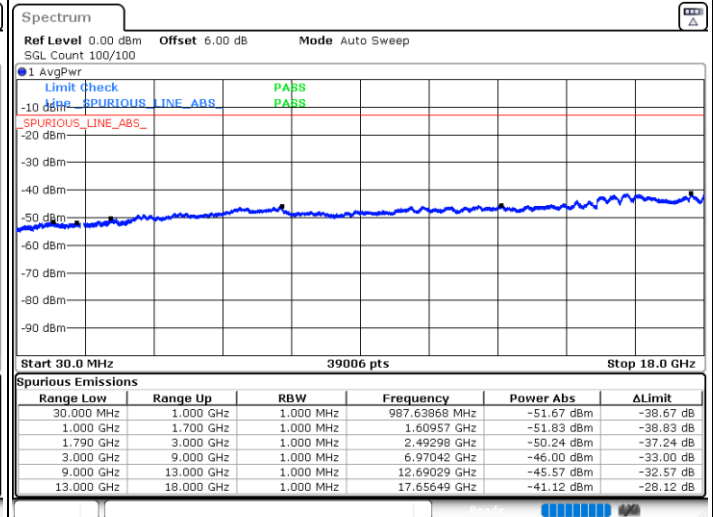
Date: 12.JUL.2024 02:19:55

LTE Band 66C / 15MHz+15MHz QPSK Highest  
Channel / 1RB24 and 1RB0

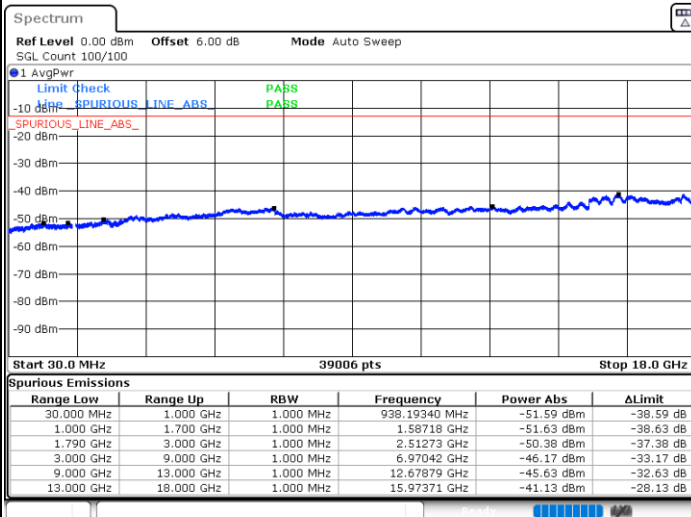
Date: 12.JUL.2024 02:34:38

LTE Band 66C / 15MHz+20MHz QPSK Lowest  
Channel / 1RB74 and 1RB0LTE Band 66C / 15MHz+20MHz QPSK Middle  
Channel / 1RB74 and 1RB0

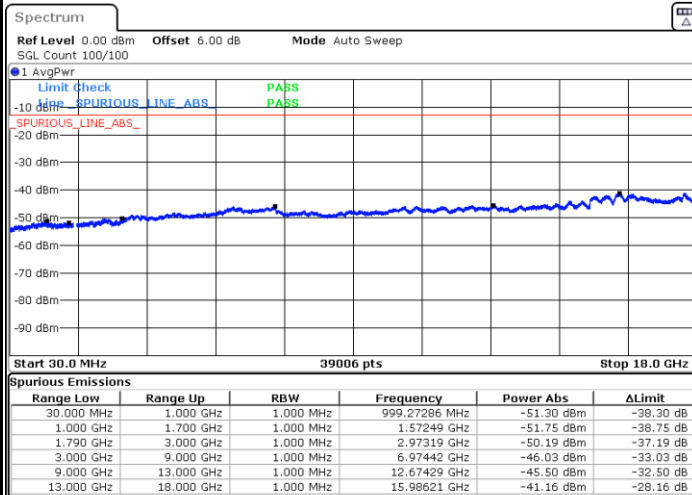
Date: 12.JUL.2024 02:48:29



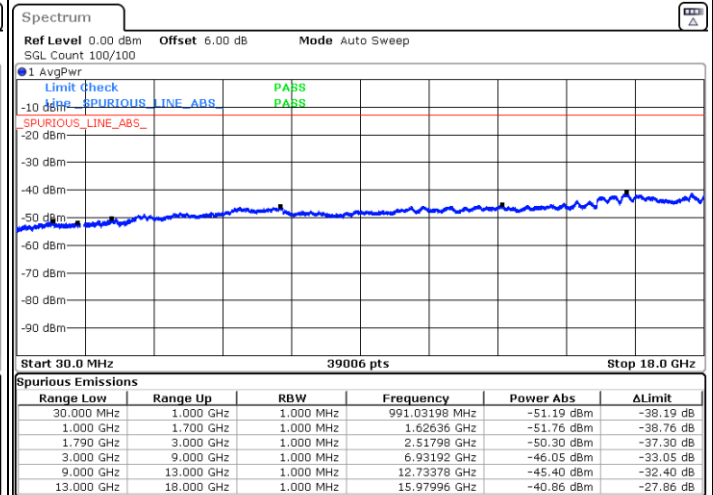
Date: 12.JUL.2024 02:52:10

LTE Band 66C / 15MHz+20MHz QPSK Highest  
Channel / 1RB74 and 1RB0

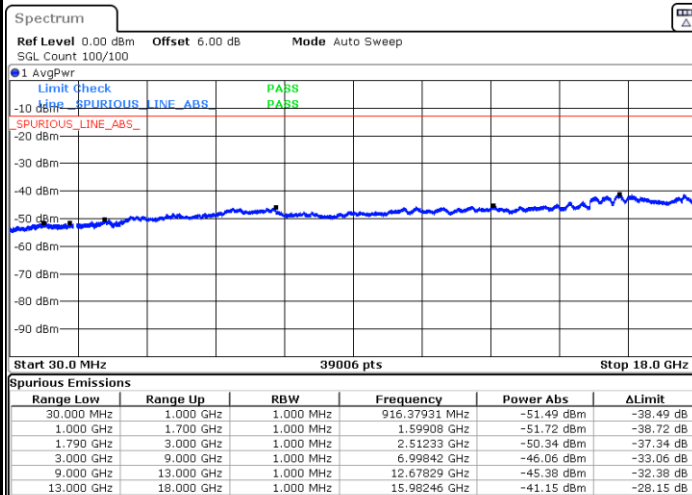
Date: 12.JUL.2024 03:06:00

LTE Band 66C / 20MHz+5MHz QPSK Lowest  
Channel / 1RB99 and 1RB0

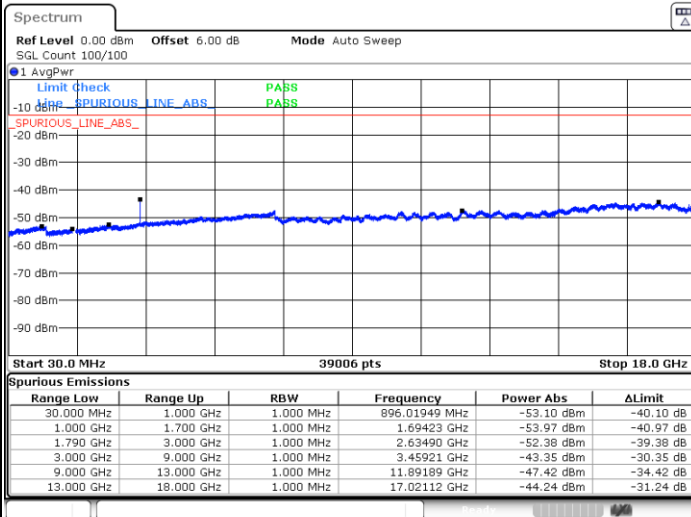
Date: 12.JUL.2024 03:51:17

LTE Band 66C / 20MHz+5MHz QPSK Middle Channel  
/ 1RB99 and 1RB0

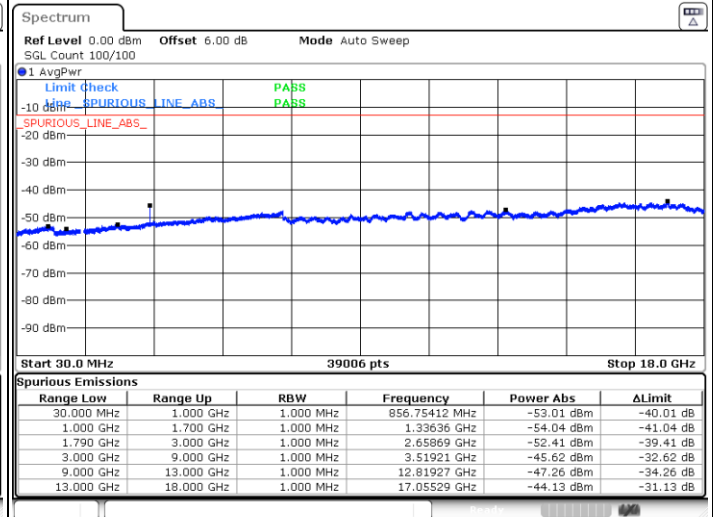
Date: 12.JUL.2024 03:54:58

LTE Band 66C / 20MHz+5MHz QPSK Highest  
Channel / 1RB99 and 1RB0

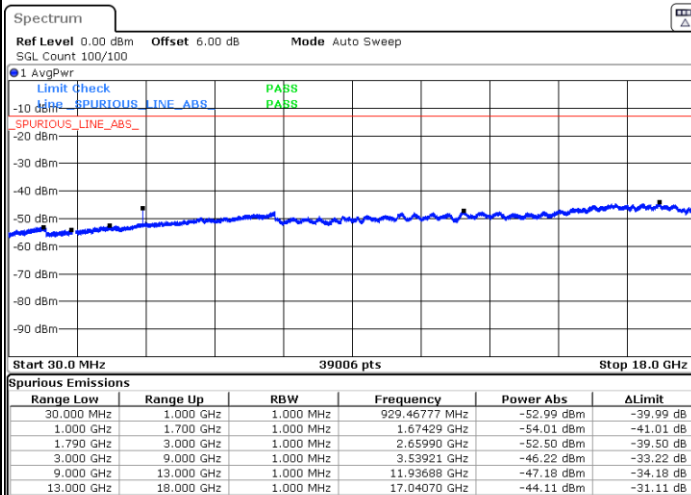
Date: 12.JUL.2024 04:08:50

LTE Band 66C / 20MHz+10MHz QPSK Lowest  
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+10MHz QPSK Middle  
Channel / 1RB99 and 1RB0

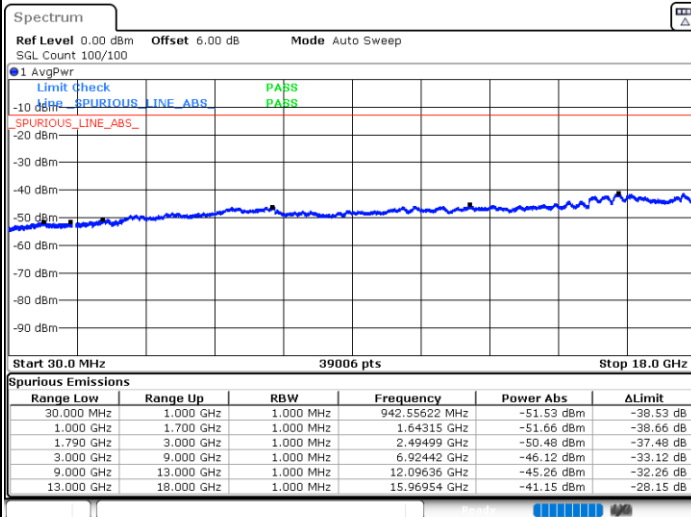
Date: 12.JUL.2024 01:25:57



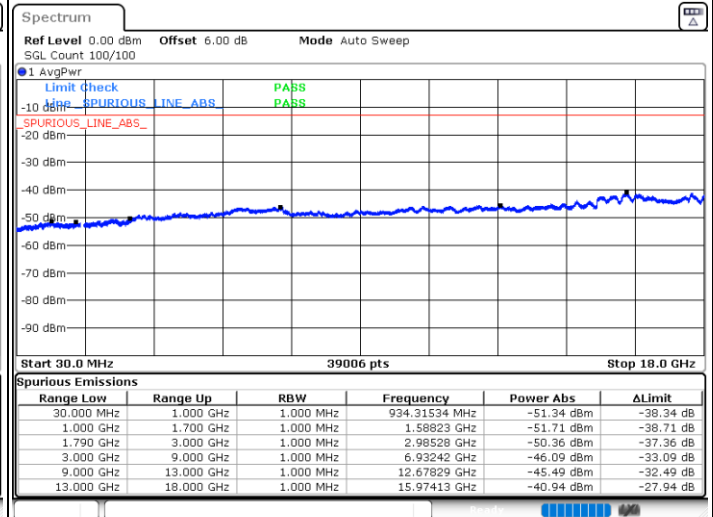
Date: 12.JUL.2024 01:27:38

LTE Band 66C / 20MHz+10MHz QPSK Highest  
Channel / 1RB99 and 1RB0

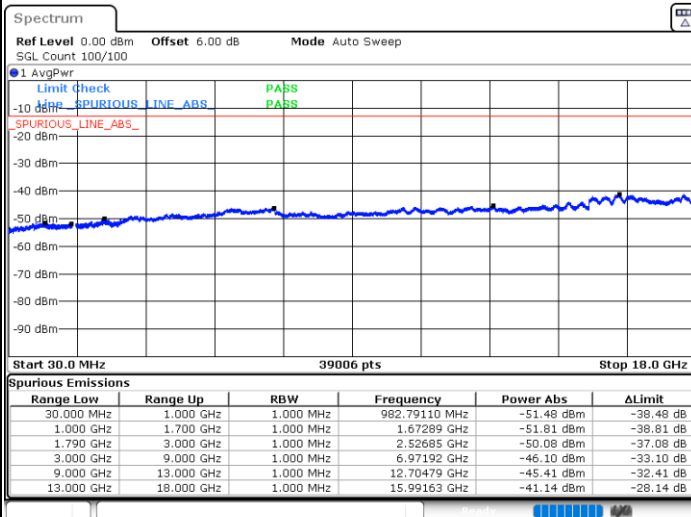
Date: 12.JUL.2024 01:44:15

LTE Band 66C / 20MHz+15MHz QPSK Lowest  
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+15MHz QPSK Middle  
Channel / 1RB99 and 1RB0

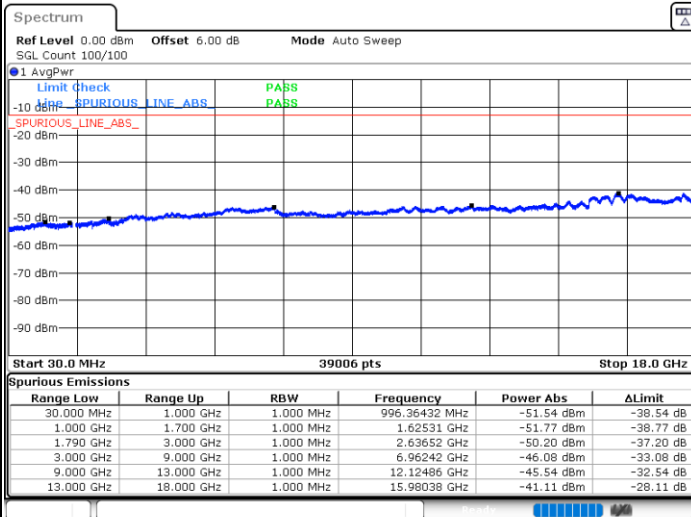
Date: 12.JUL.2024 03:19:55



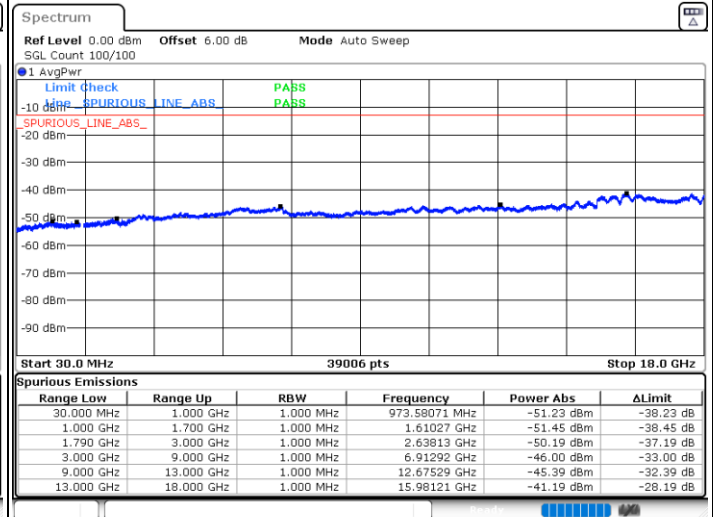
Date: 12.JUL.2024 03:23:35

LTE Band 66C / 20MHz+15MHz QPSK Highest  
Channel / 1RB99 and 1RB0

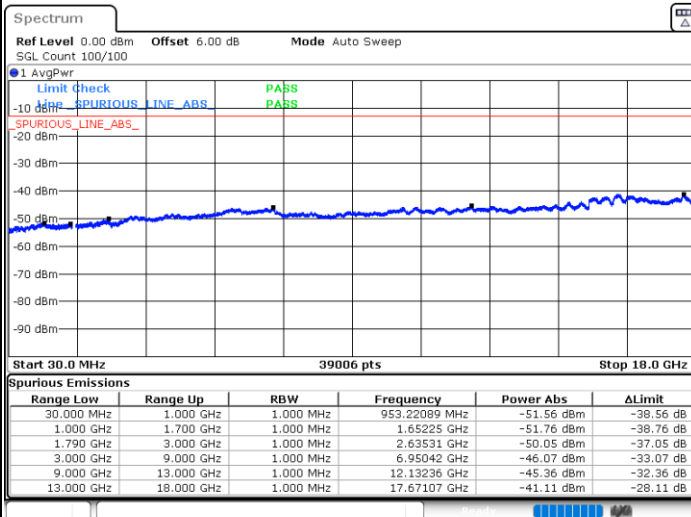
Date: 12.JUL.2024 03:37:26

LTE Band 66C / 20MHz+20MHz QPSK Lowest  
Channel / 1RB99 and 1RB0LTE Band 66C / 20MHz+20MHz QPSK Middle  
Channel / 1RB99 and 1RB0

Date: 12.JUL.2024 04:22:20



Date: 12.JUL.2024 04:23:57

LTE Band 66C / 20MHz+20MHz QPSK Highest  
Channel / 1RB99 and 1RB0

Date: 12.JUL.2024 04:39:30

## Frequency Stability

| Test Conditions  |                   | LTE Band 66C (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|--------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 20+20MHz                          | Note 2. |
|                  |                   | Deviation (ppm)                      | Result  |
| 50               | Normal Voltage    | 0.0016                               | PASS    |
| 40               | Normal Voltage    | 0.0024                               |         |
| 30               | Normal Voltage    | 0.0036                               |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                               |         |
| 10               | Normal Voltage    | 0.0059                               |         |
| 0                | Normal Voltage    | 0.0053                               |         |
| -10              | Normal Voltage    | 0.0064                               |         |
| -20              | Normal Voltage    | 0.0008                               |         |
| -30              | Normal Voltage    | 0.0014                               |         |
| 20               | Maximum Voltage   | 0.0021                               |         |
| 20               | Normal Voltage    | 0.0000                               |         |
| 20               | Battery End Point | 0.0049                               |         |

**Note:**

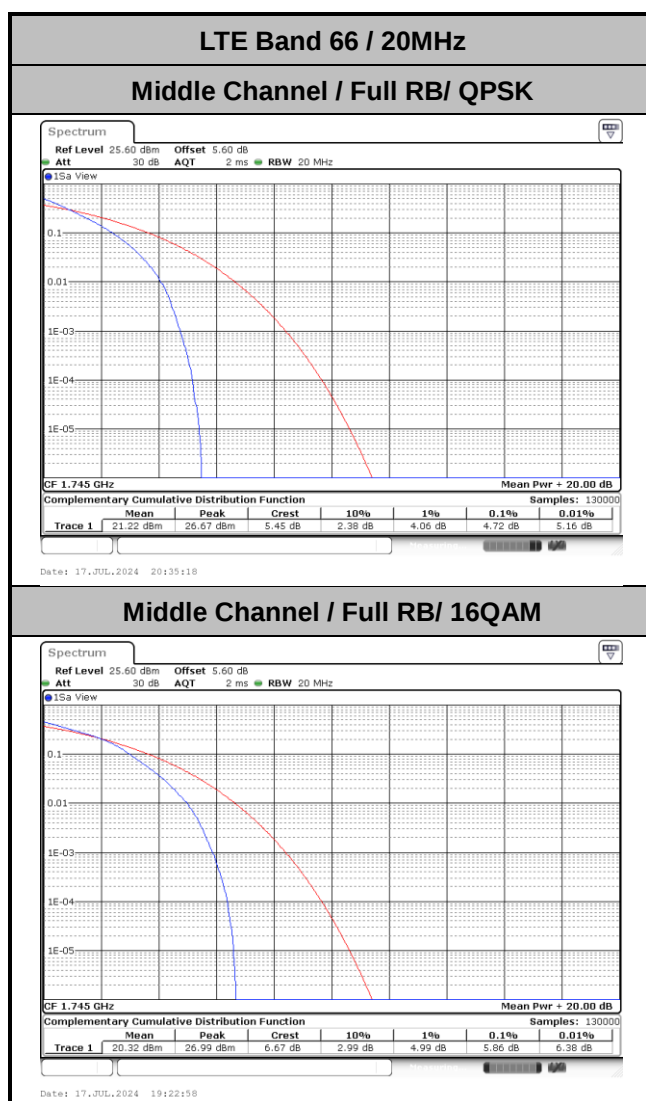
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.41 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

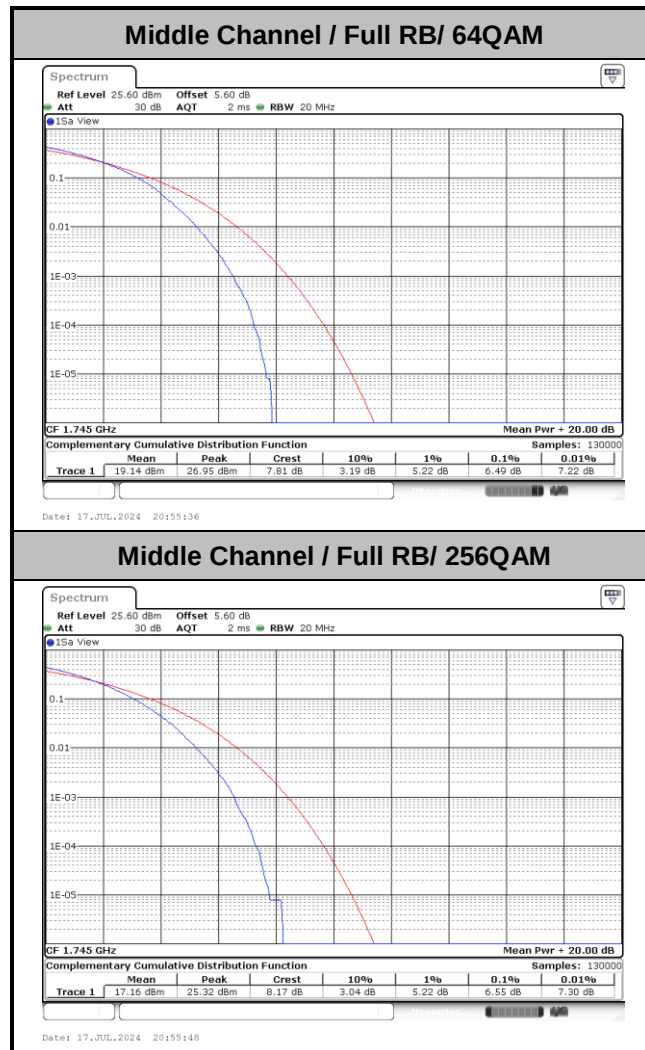


## LTE Band 66(Other PA)

## Peak-to-Average Ratio

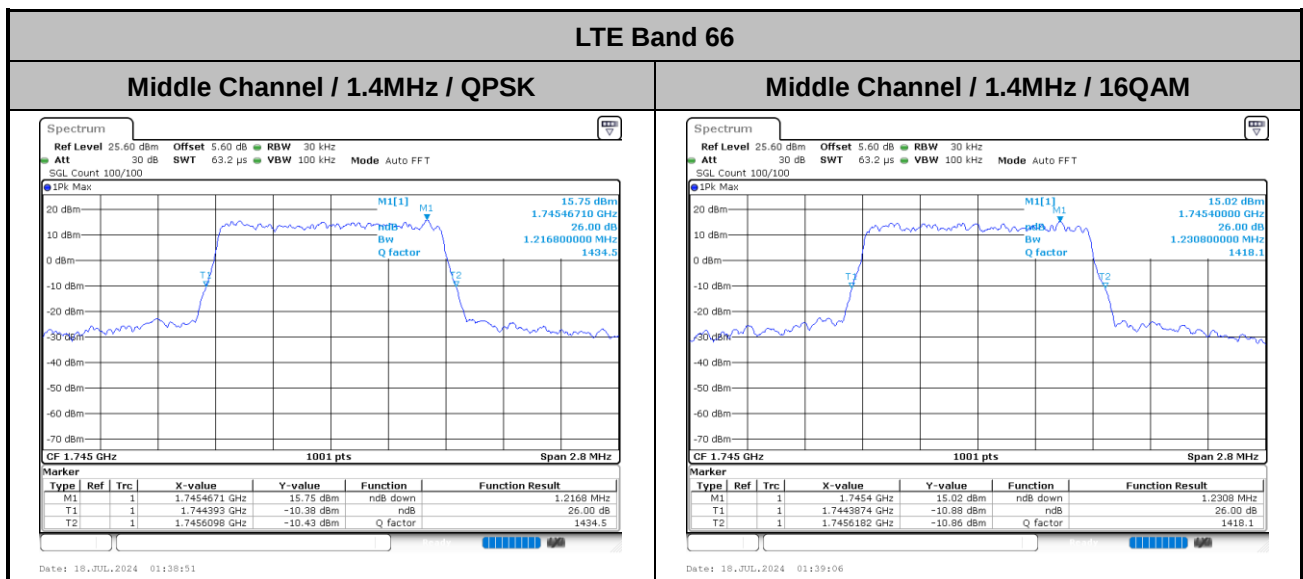
| Mode      | LTE Band 66 / 20MHz |         |         |         |             |
|-----------|---------------------|---------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | 256QAM  | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Full RB | Result      |
| Middle CH | 4.72                | 5.86    | 6.49    | 6.55    | PASS        |





**26dB Bandwidth**

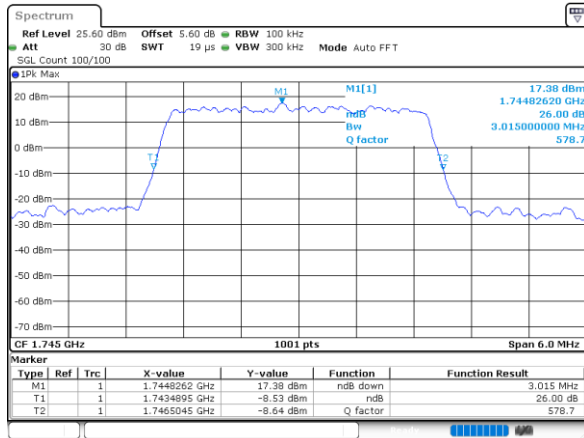
| Mode      | LTE Band 66 : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 1.4MHz                     |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 1.22                       | 1.23  |
| BW        | 3MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 3.02                       | 3.03  |
| BW        | 5MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 4.92                       | 4.79  |
| BW        | 10MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 9.83                       | 9.69  |
| BW        | 15MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 14.39                      | 14.27 |
| BW        | 20MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 18.86                      | 19.18 |



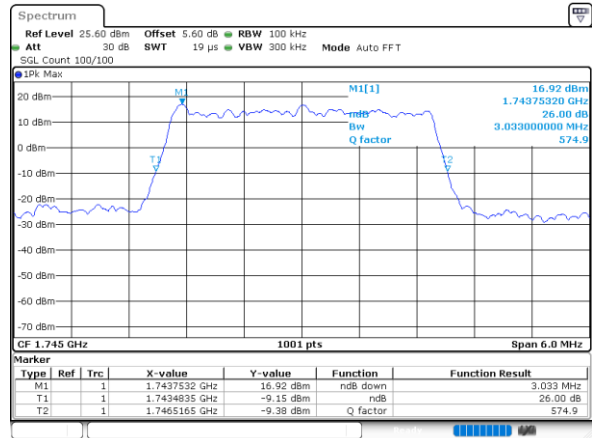


## LTE Band 66

## Middle Channel / 3MHz / QPSK

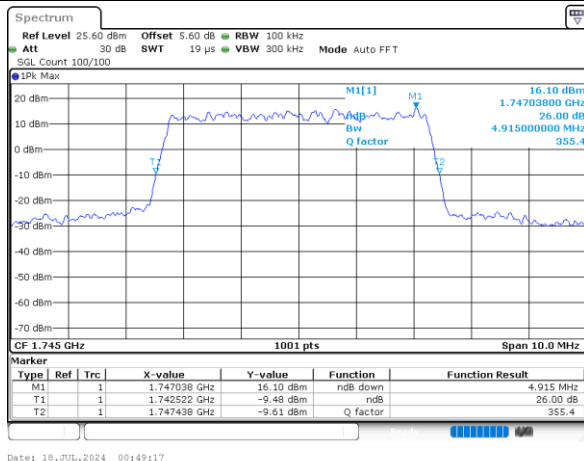


## Middle Channel / 3MHz / 16QAM

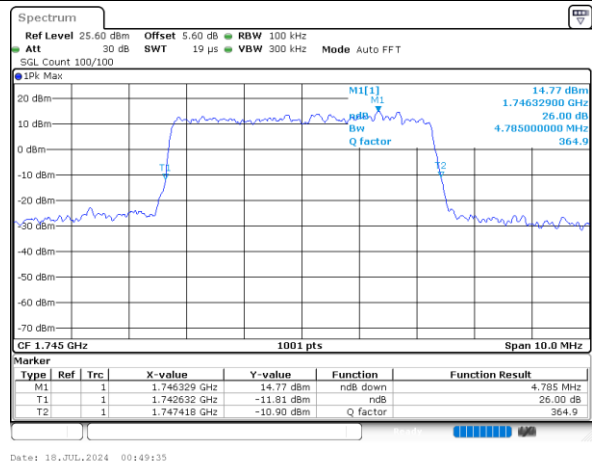


## LTE Band 66

## Middle Channel / 5MHz / QPSK

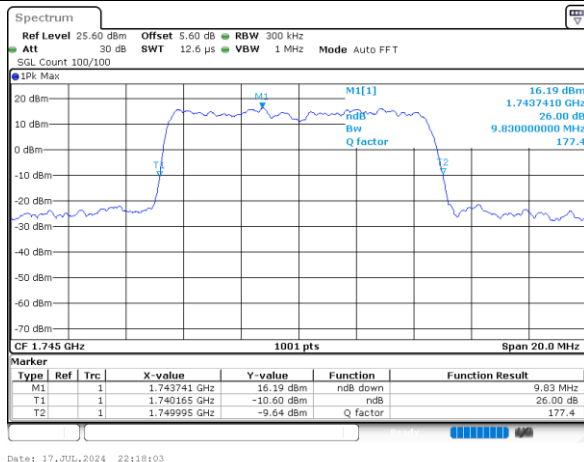


## Middle Channel / 5MHz / 16QAM

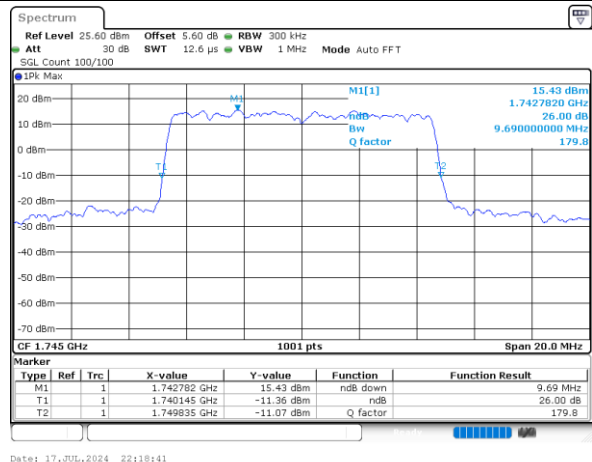


## LTE Band 66

## Middle Channel / 10MHz / QPSK



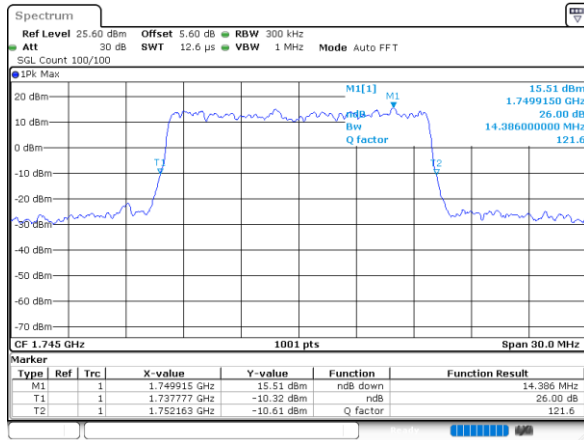
## Middle Channel / 10MHz / 16QAM





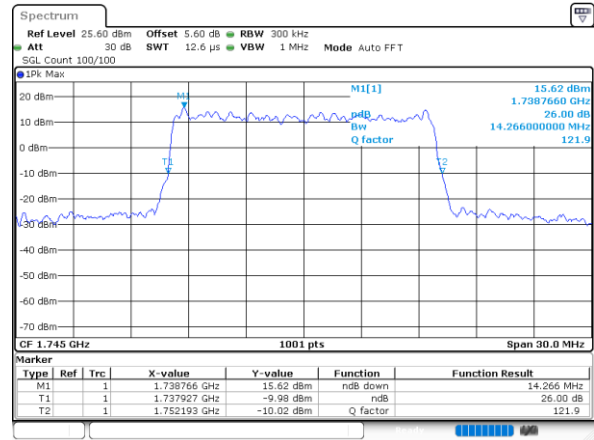
## LTE Band 66

## Middle Channel / 15MHz / QPSK



Date: 17.JUL.2024 21:56:26

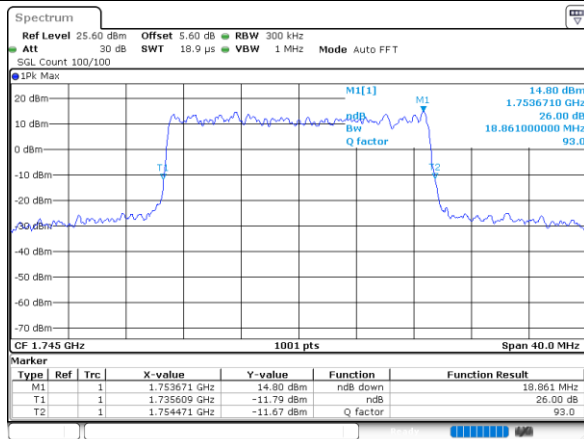
## Middle Channel / 15MHz / 16QAM



Date: 17.JUL.2024 21:57:58

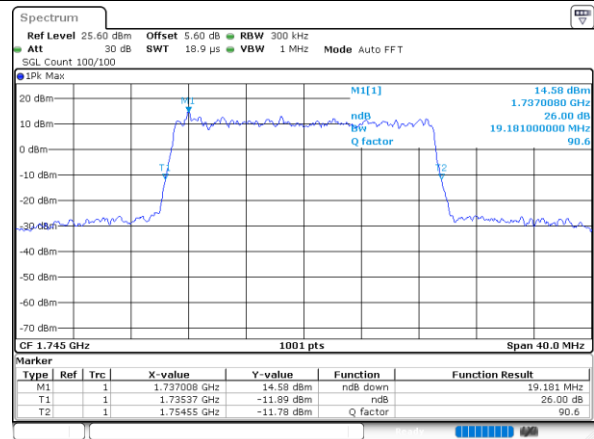
## LTE Band 66

## Middle Channel / 20MHz / QPSK



Date: 17.JUL.2024 19:14:10

## Middle Channel / 20MHz / 16QAM

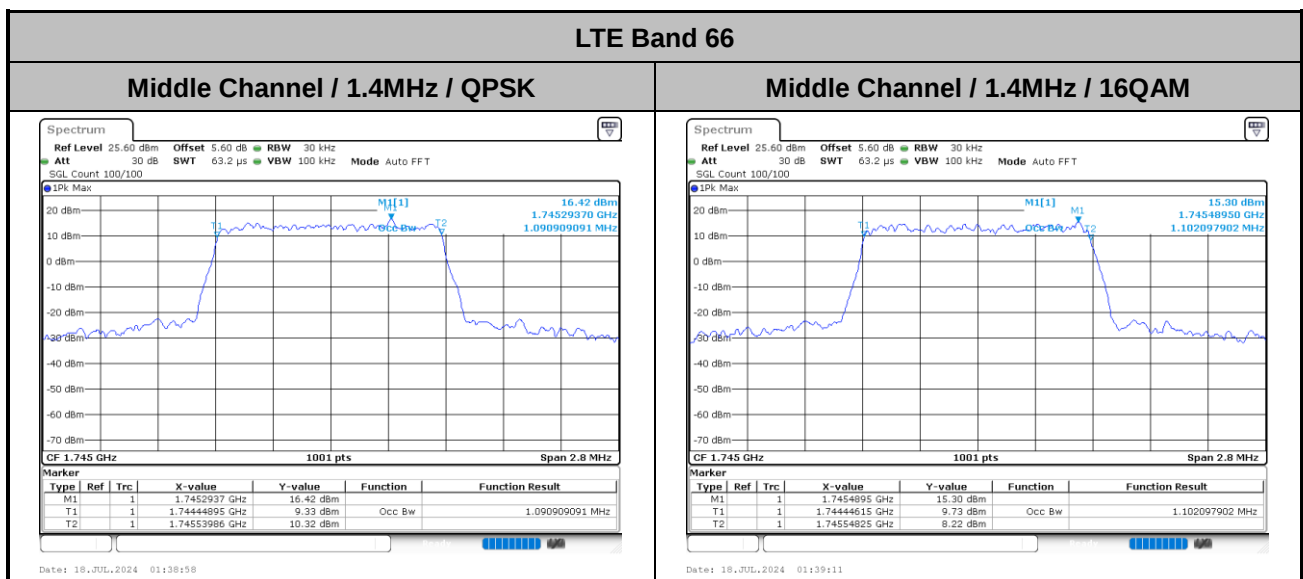


Date: 17.JUL.2024 19:23:15



## Occupied Bandwidth

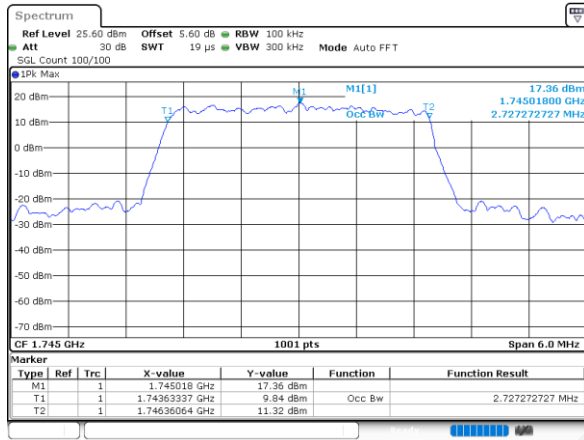
| Mode      | LTE Band 66 : 99%OBW(MHz) |       |
|-----------|---------------------------|-------|
| BW        | 1.4MHz                    |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 1.09                      | 1.10  |
| BW        | 3MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 2.73                      | 2.73  |
| BW        | 5MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 4.50                      | 4.50  |
| BW        | 10MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 9.03                      | 9.01  |
| BW        | 15MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 13.43                     | 13.46 |
| BW        | 20MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 17.94                     | 17.90 |



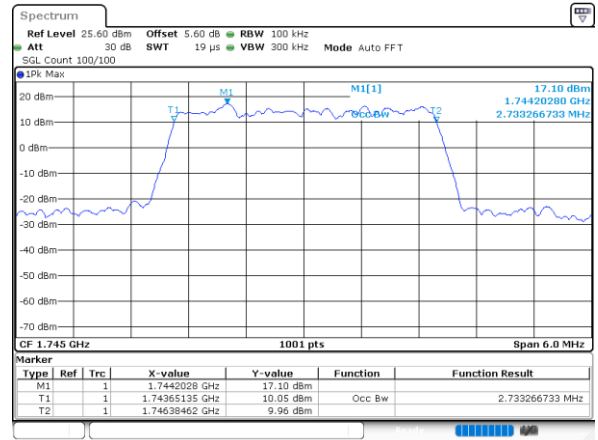


## LTE Band 66

## Middle Channel / 3MHz / QPSK

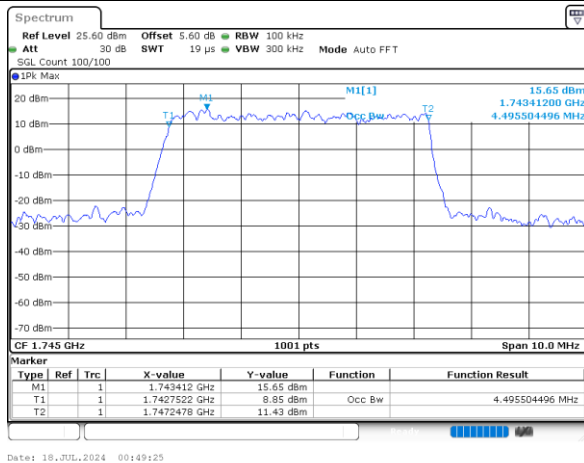


## Middle Channel / 3MHz / 16QAM

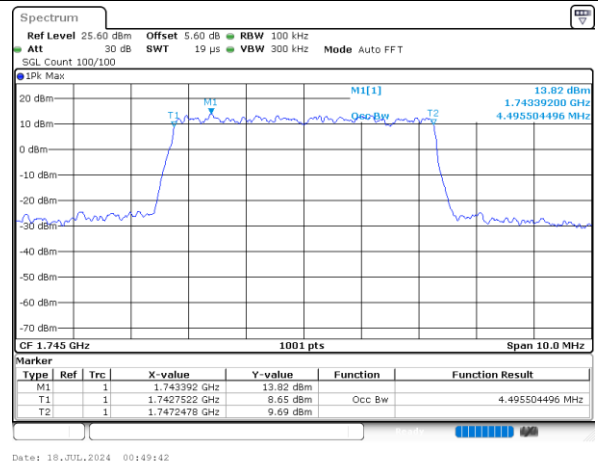


## LTE Band 66

## Middle Channel / 5MHz / QPSK

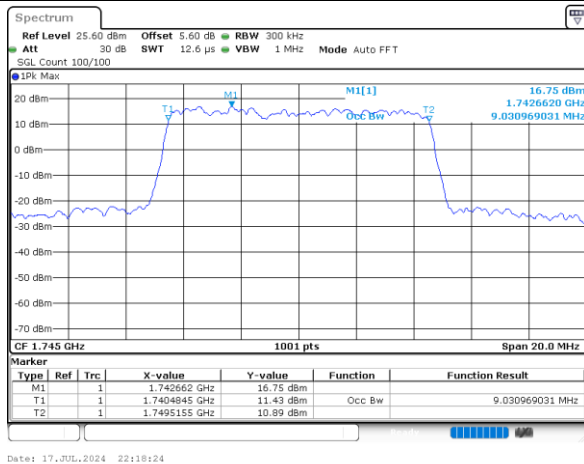


## Middle Channel / 5MHz / 16QAM

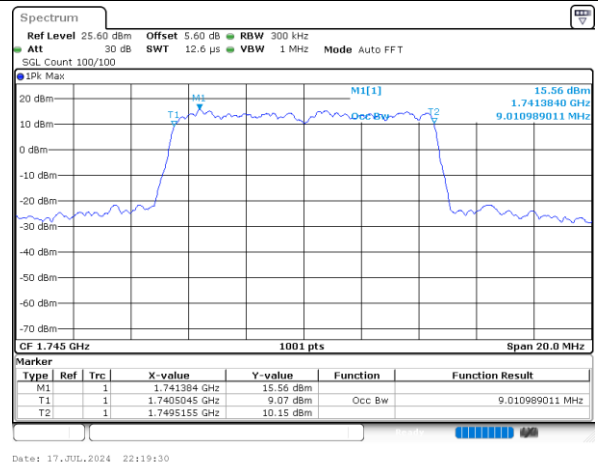


## LTE Band 66

## Middle Channel / 10MHz / QPSK



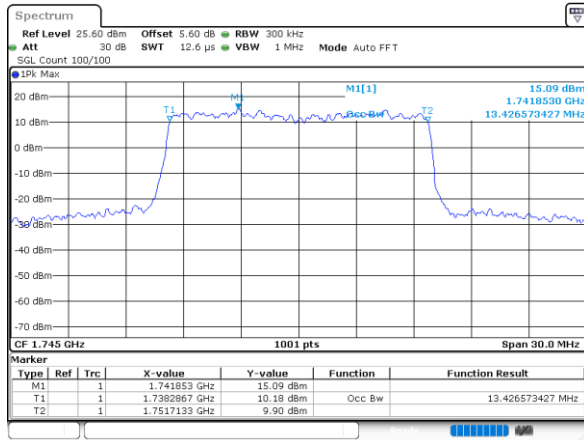
## Middle Channel / 10MHz / 16QAM



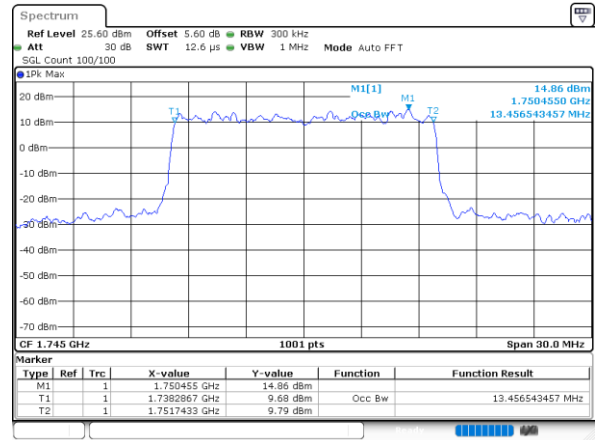


## LTE Band 66

## Middle Channel / 15MHz / QPSK

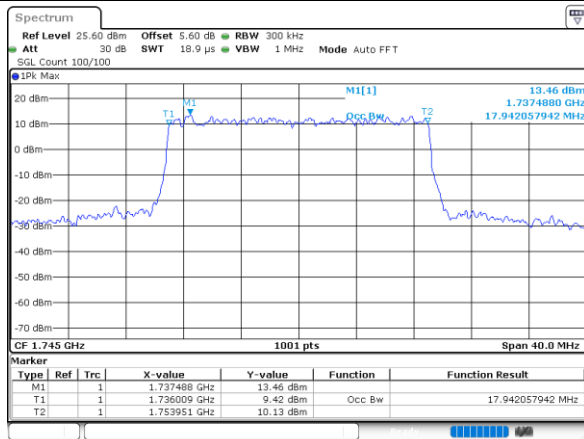


## Middle Channel / 15MHz / 16QAM

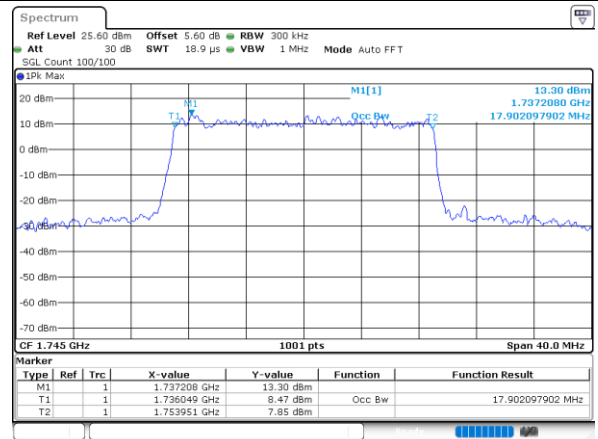


## LTE Band 66

## Middle Channel / 20MHz / QPSK



## Middle Channel / 20MHz / 16QAM

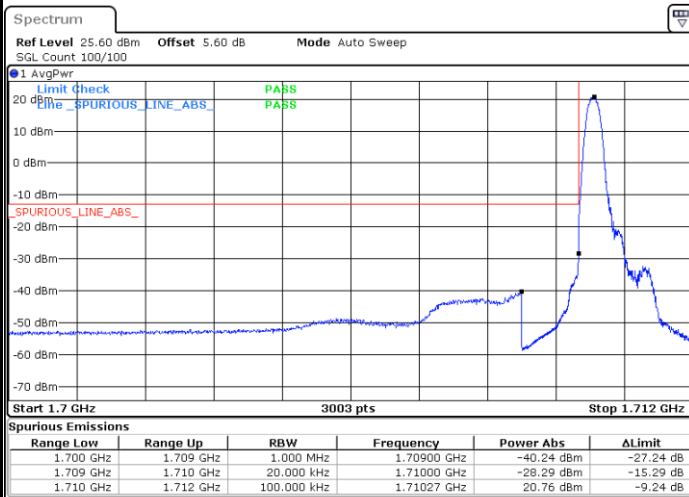




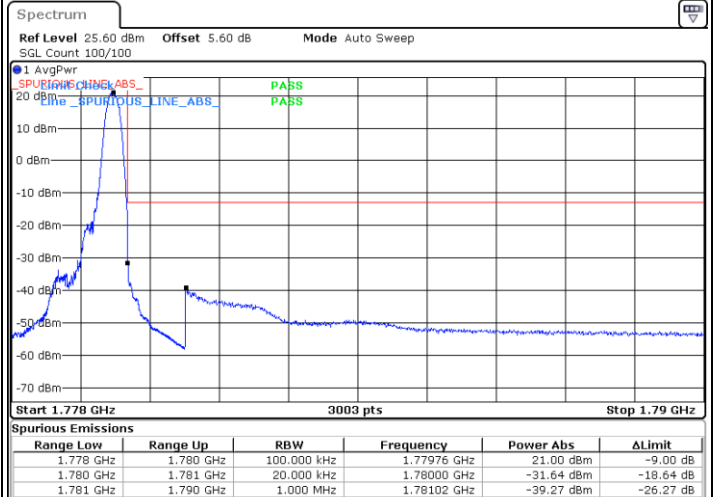
# Conducted Band Edge

## LTE Band 66 / 1.4MHz / QPSK

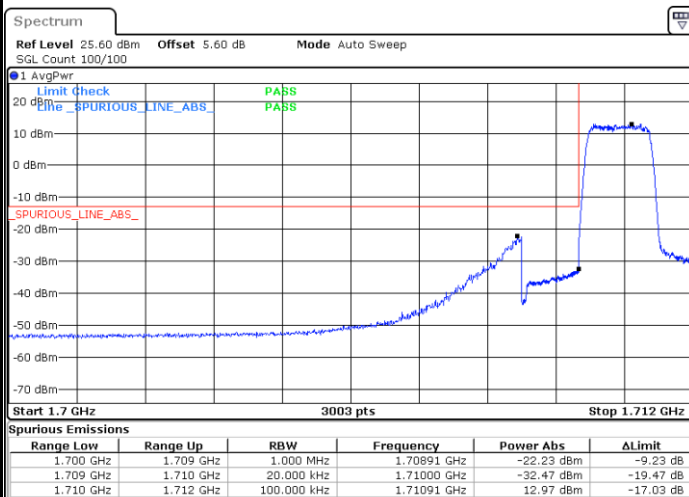
### Lowest Band Edge / 1RB



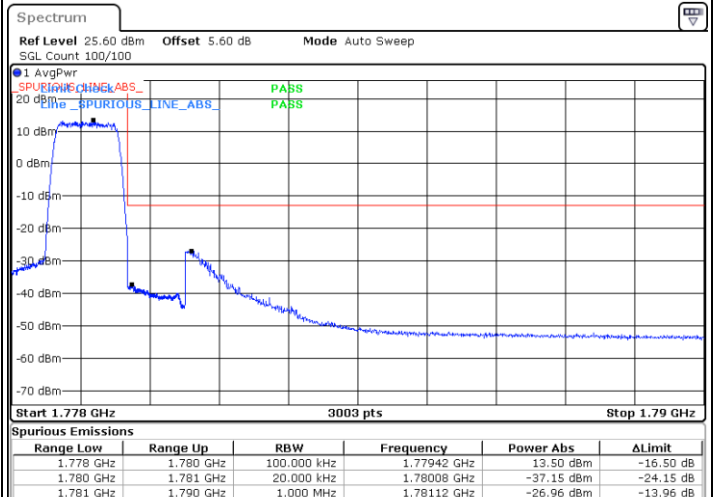
### Highest Band Edge / 1RB



### Lowest Band Edge / Full RB



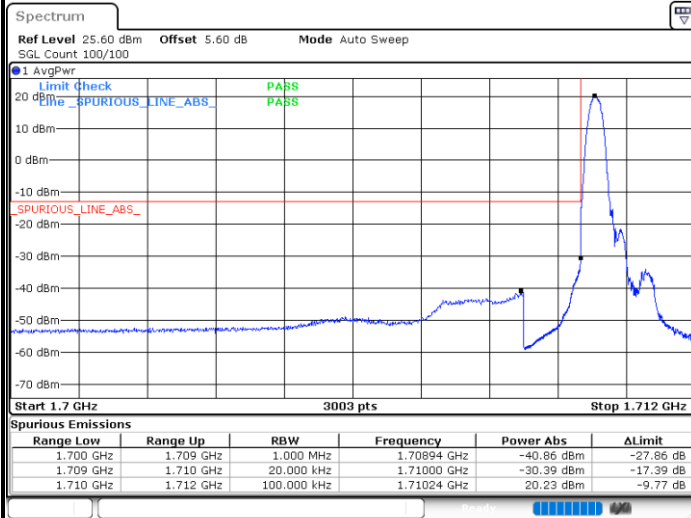
### Highest Band Edge / Full RB



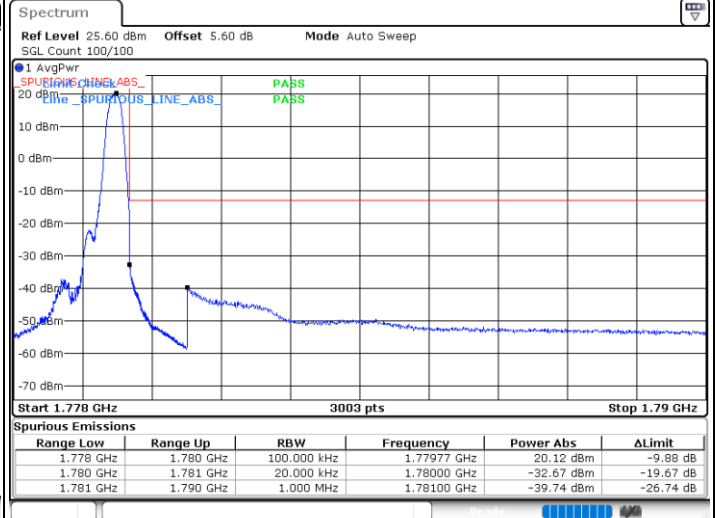


## LTE Band 66 / 1.4MHz / 16QAM

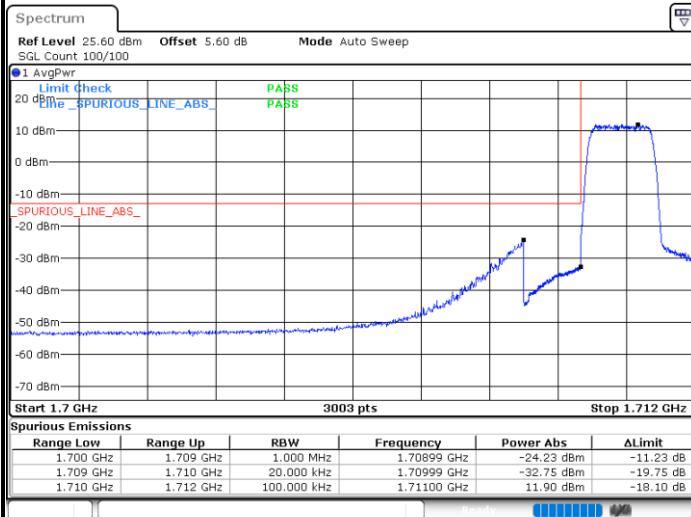
## Lowest Band Edge / 1 RB



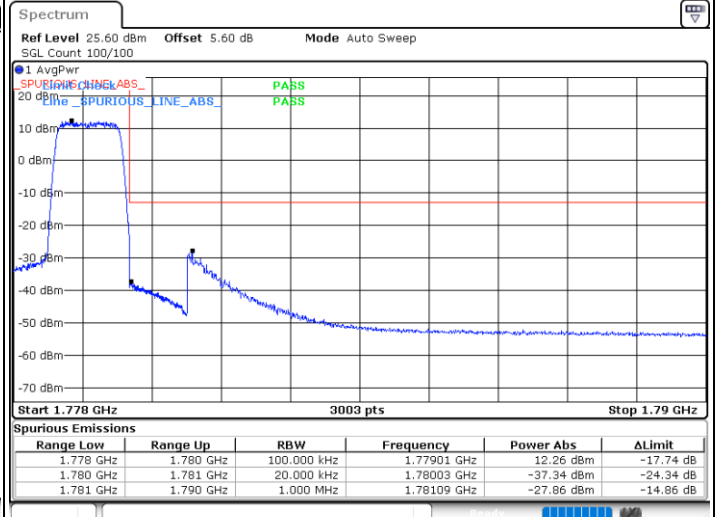
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



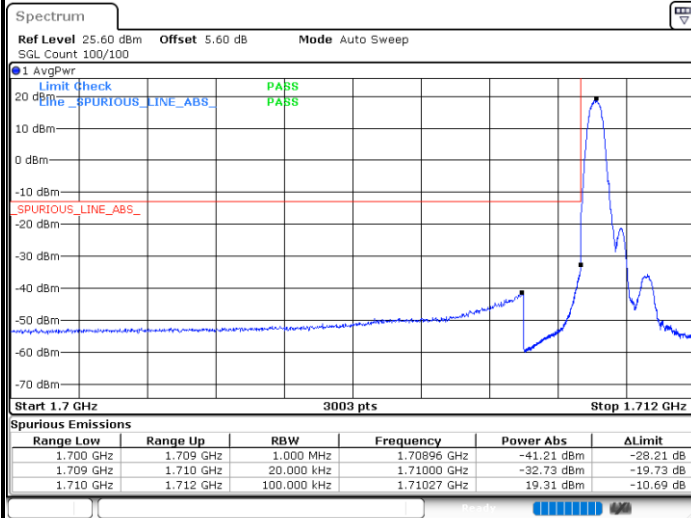
## Highest Band Edge / Full RB



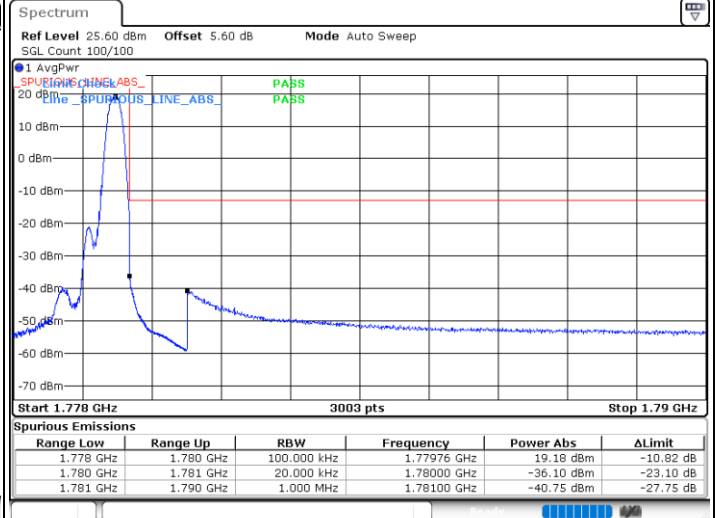


## LTE Band 66 / 1.4MHz / 64QAM

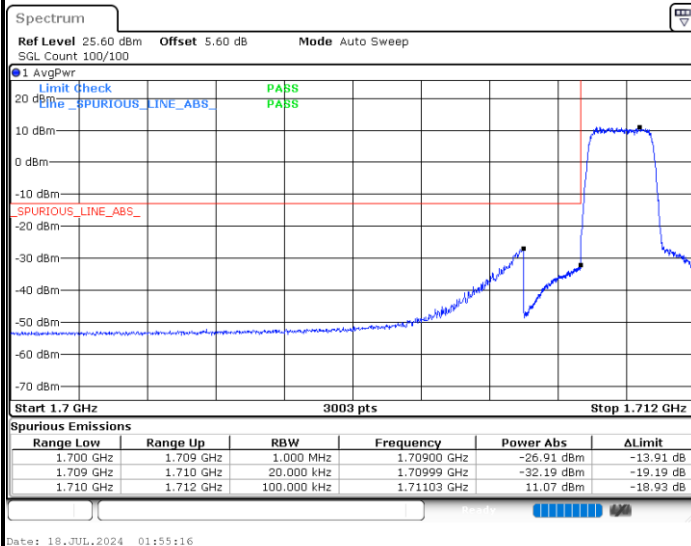
## Lowest Band Edge / 1 RB



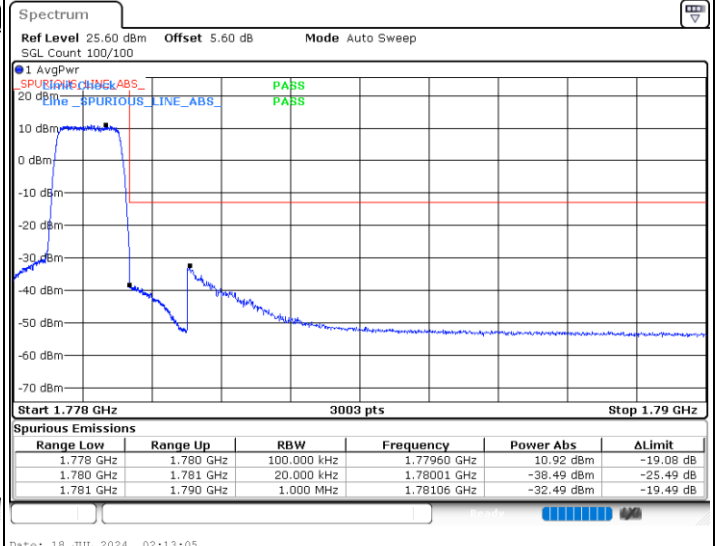
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



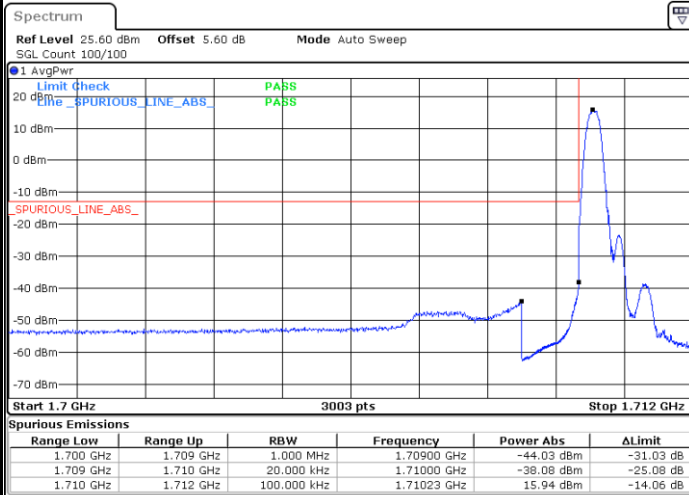
## Highest Band Edge / Full RB



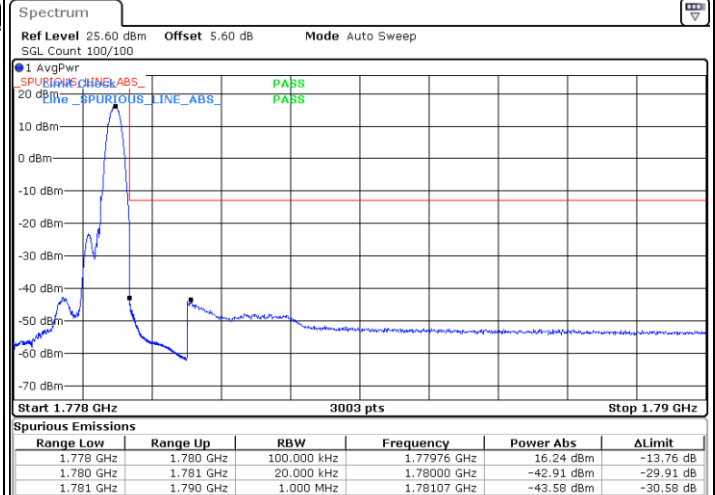


## LTE Band 66 / 1.4MHz / 256QAM

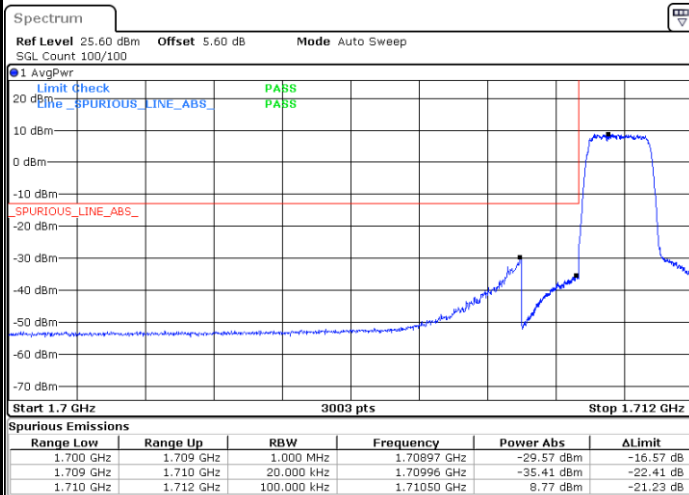
## Lowest Band Edge / 1 RB



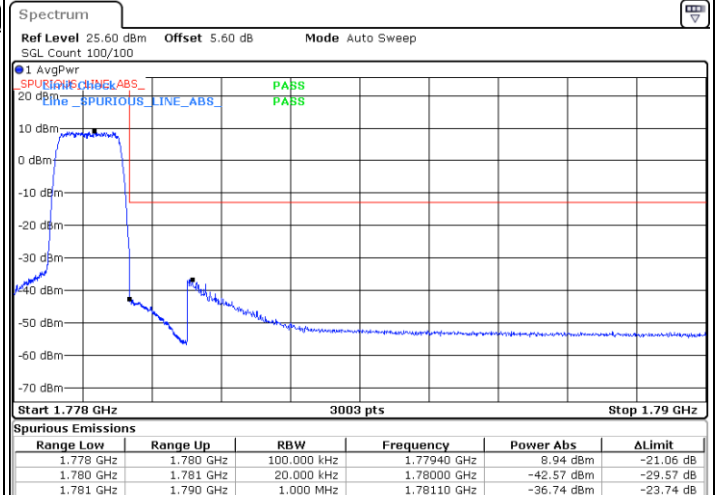
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



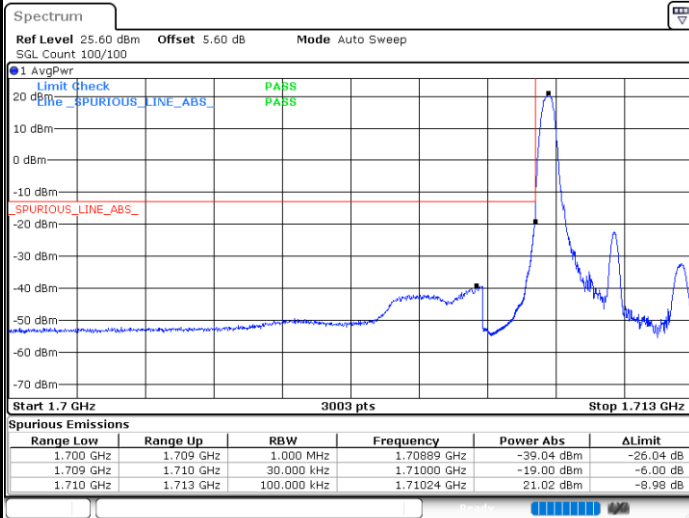
## Highest Band Edge / Full RB



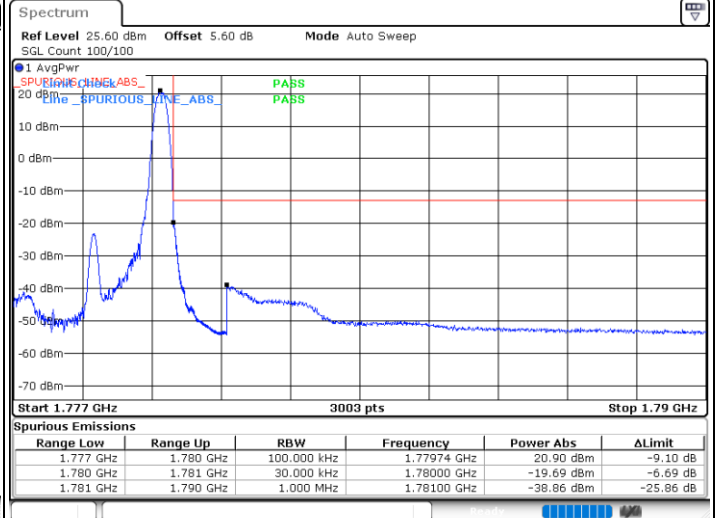


## LTE Band 66 / 3MHz / QPSK

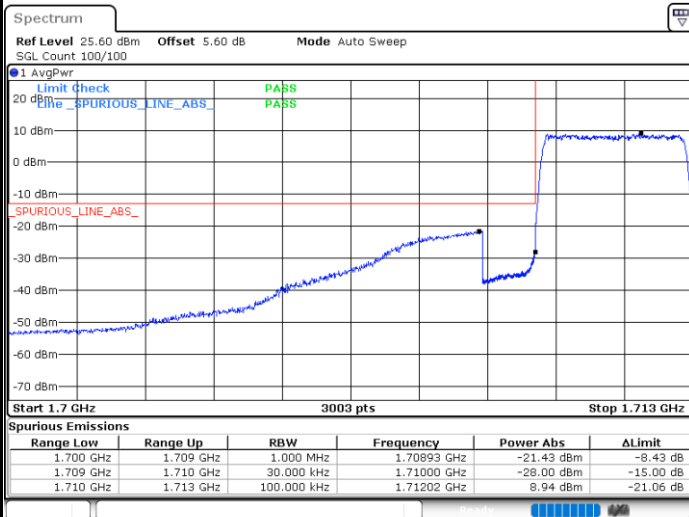
## Lowest Band Edge / 1RB



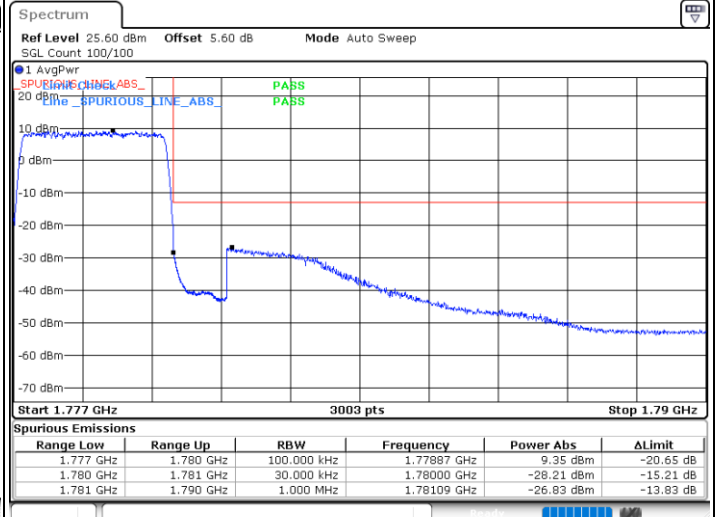
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



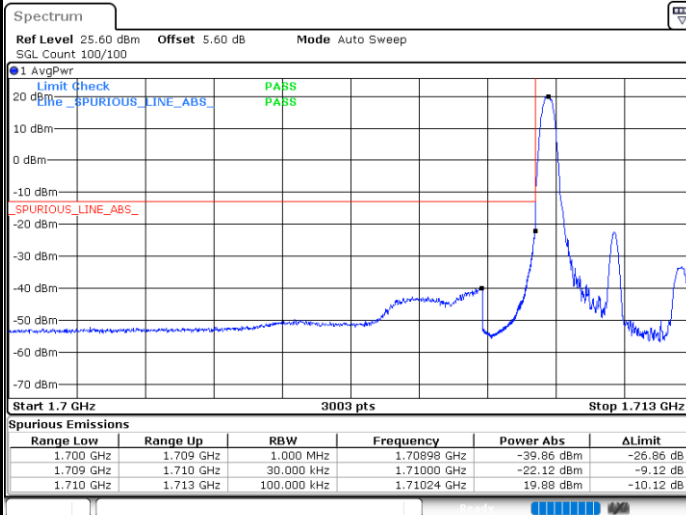
## Highest Band Edge / Full RB



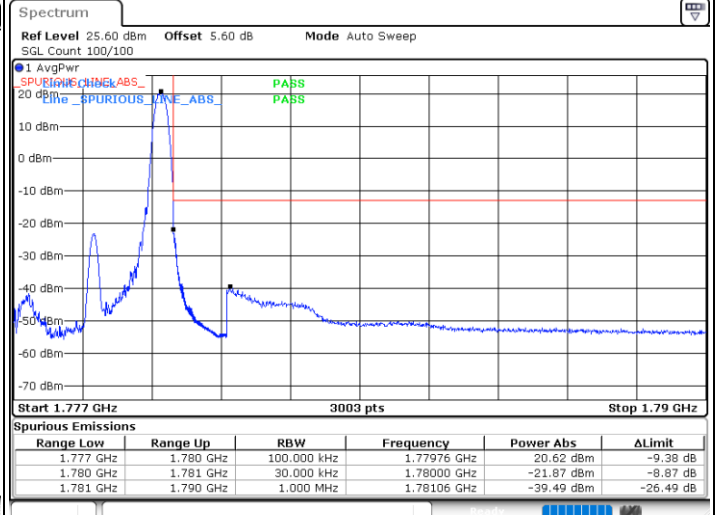


## LTE Band 66 / 3MHz / 16QAM

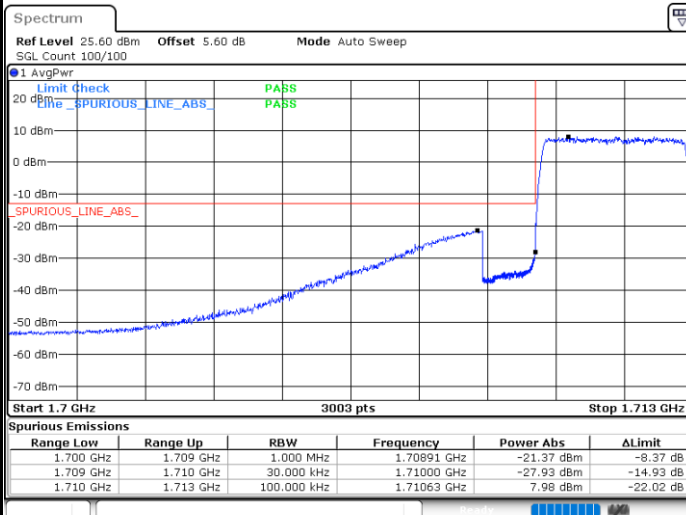
## Lowest Band Edge / 1 RB



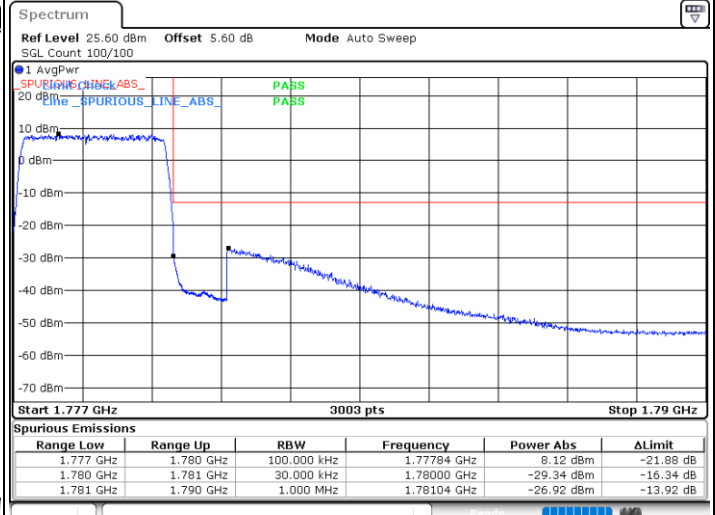
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



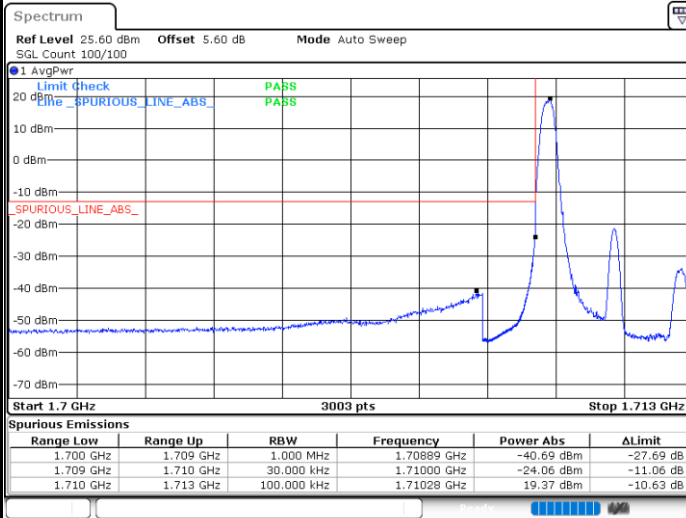
## Highest Band Edge / Full RB



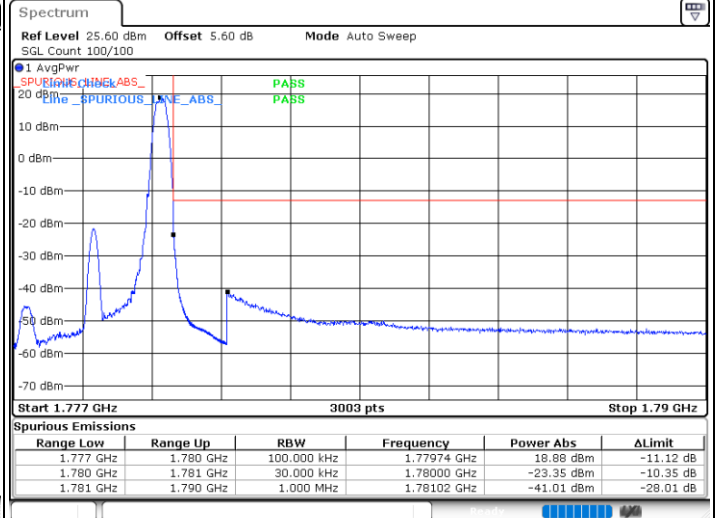


## LTE Band 66 / 3MHz / 64QAM

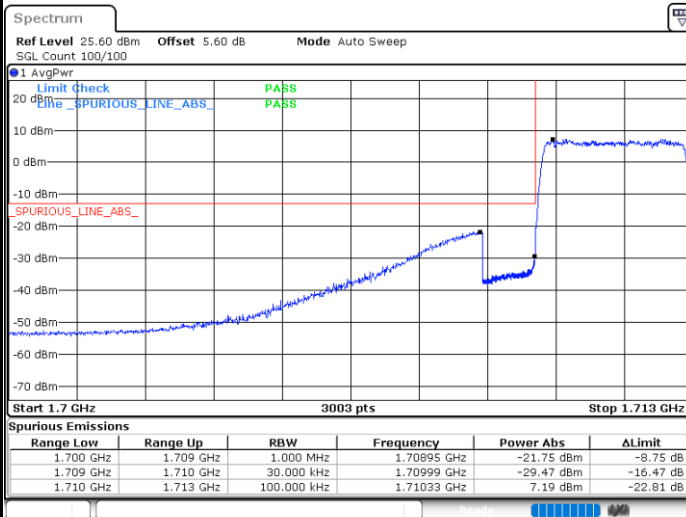
## Lowest Band Edge / 1 RB



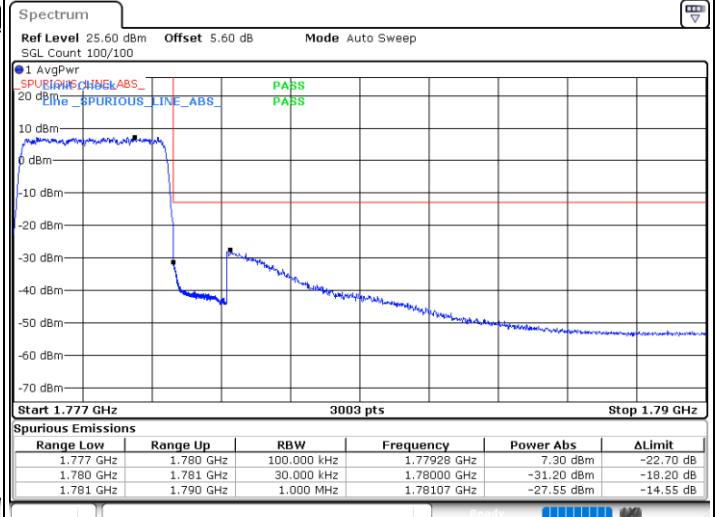
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



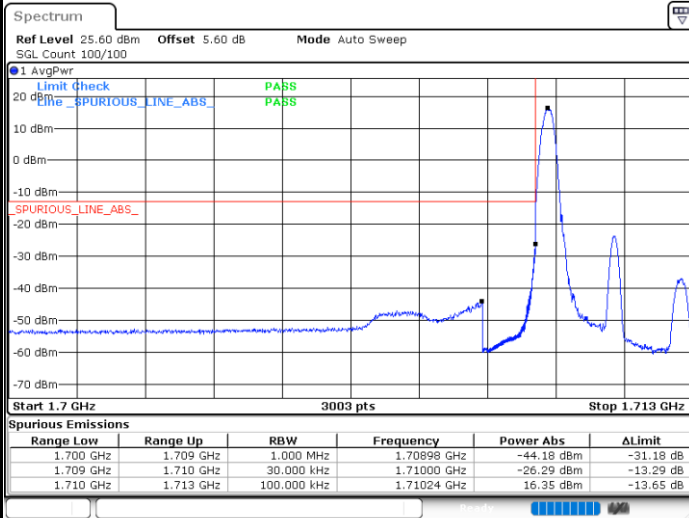
## Highest Band Edge / Full RB



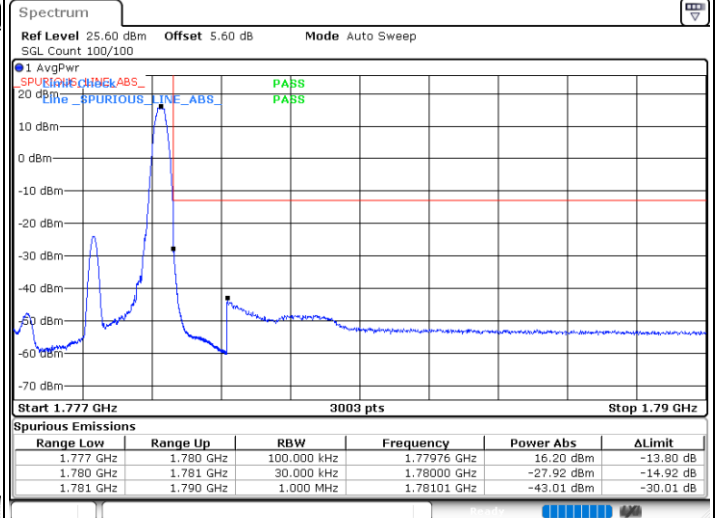


## LTE Band 66 / 3MHz / 256QAM

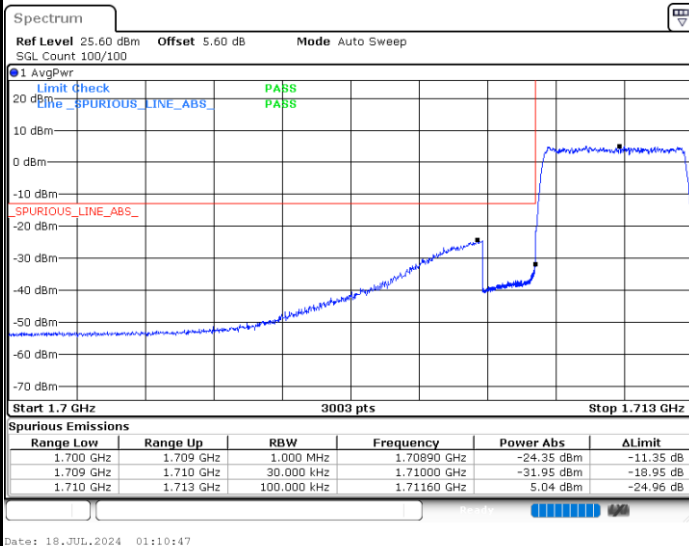
## Lowest Band Edge / 1 RB



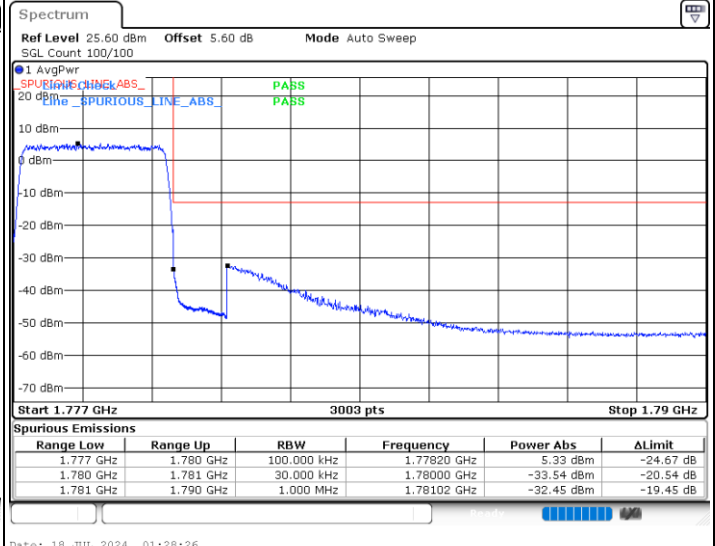
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



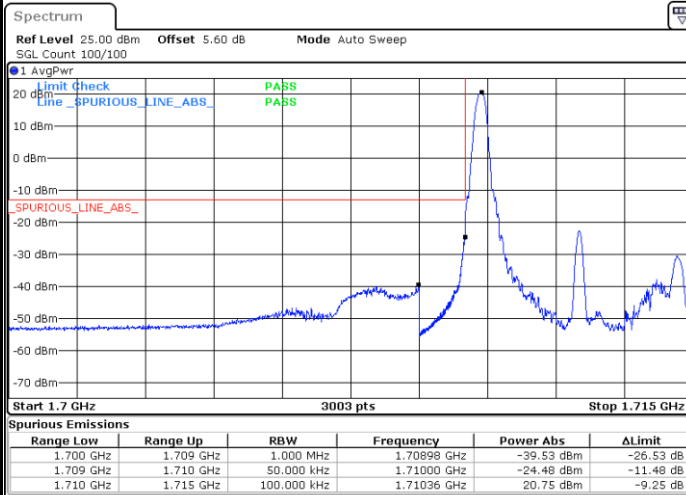
## Highest Band Edge / Full RB



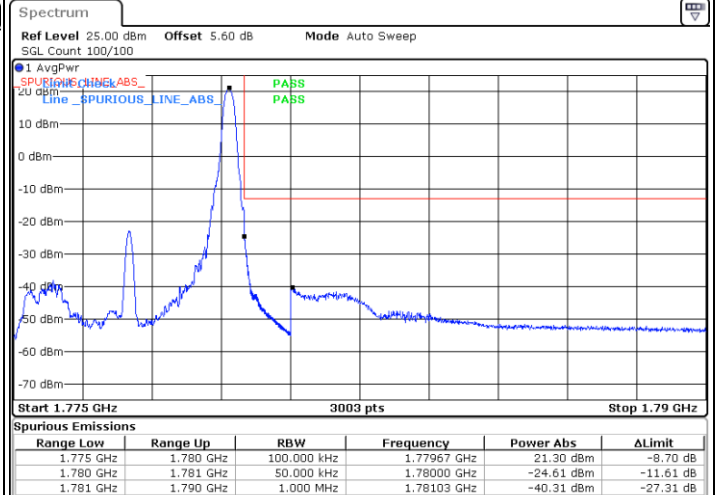


## LTE Band 66 / 5MHz / QPSK

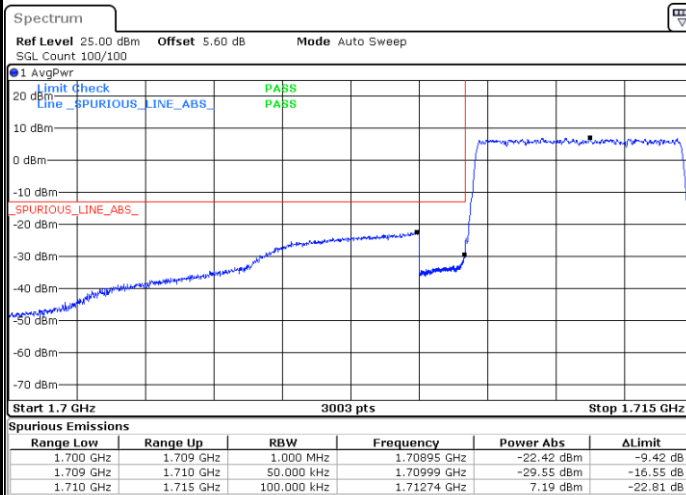
## Lowest Band Edge / 1 RB



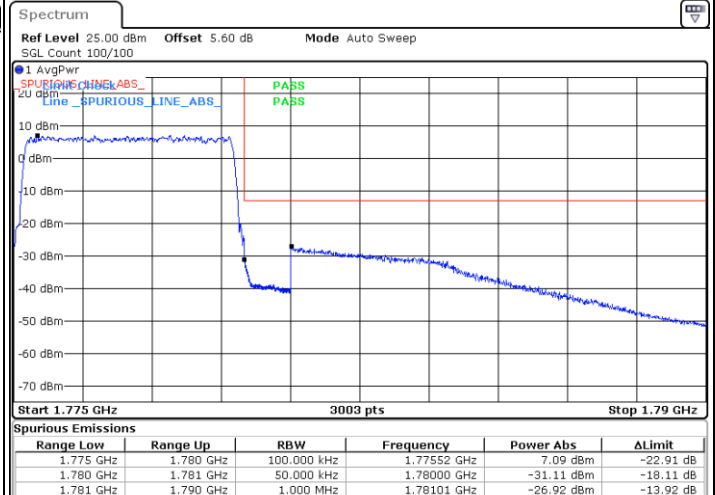
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



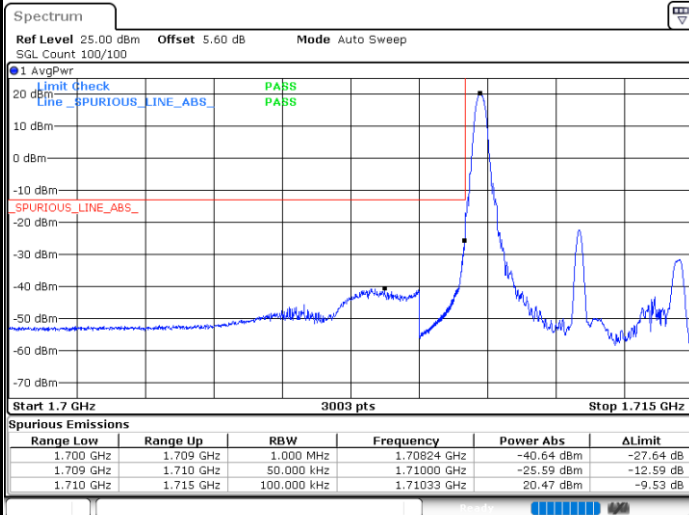
## Highest Band Edge / Full RB



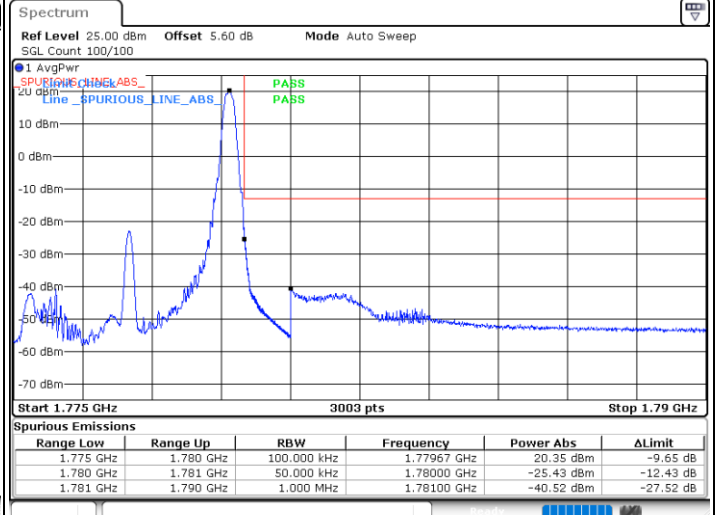


## LTE Band 66 / 5MHz / 16QAM

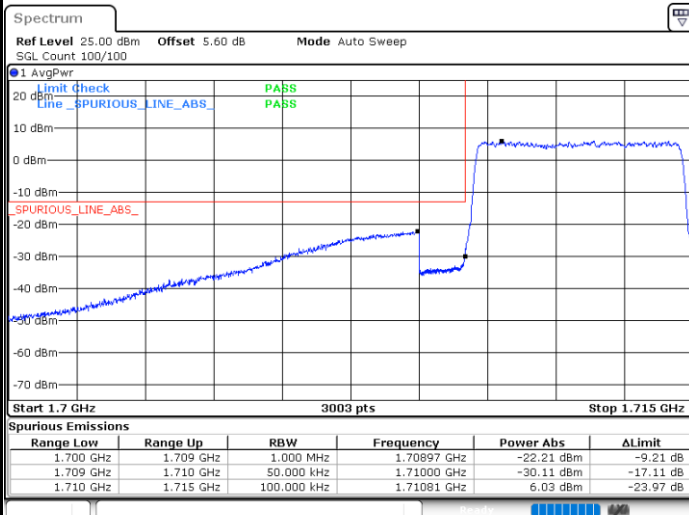
## Lowest Band Edge / 1RB



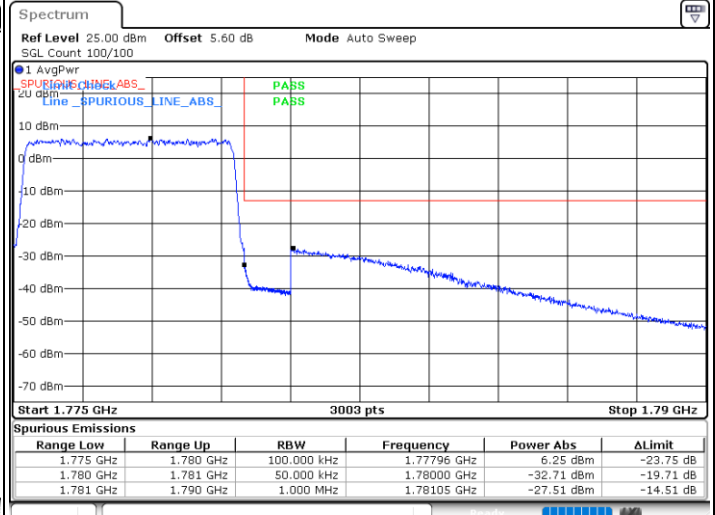
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



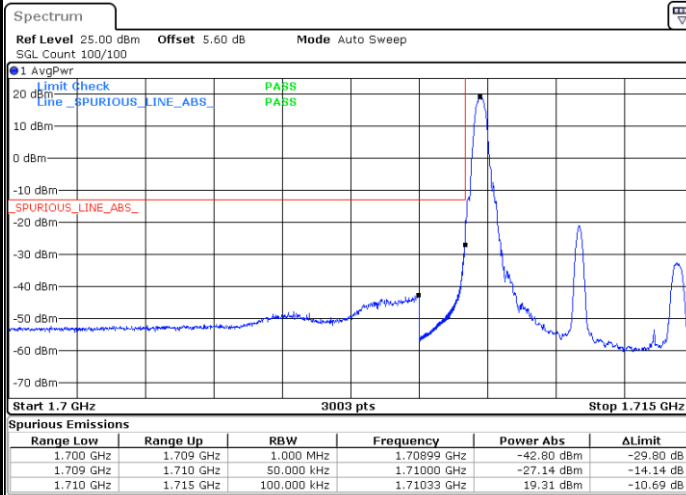
## Highest Band Edge / Full RB



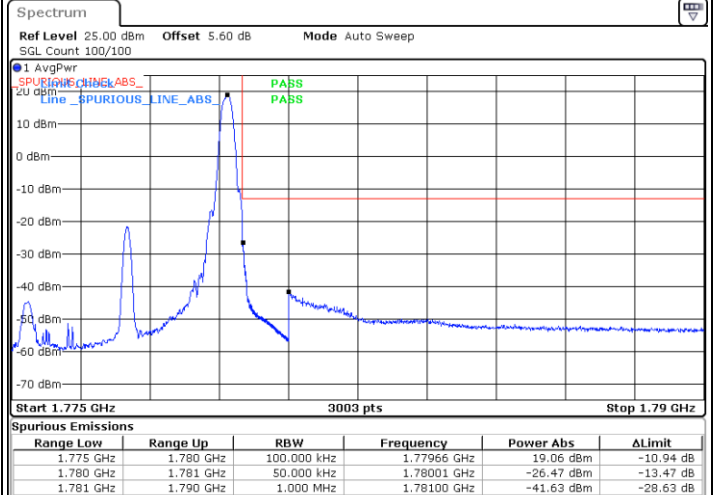


## LTE Band 66 / 5MHz / 64QAM

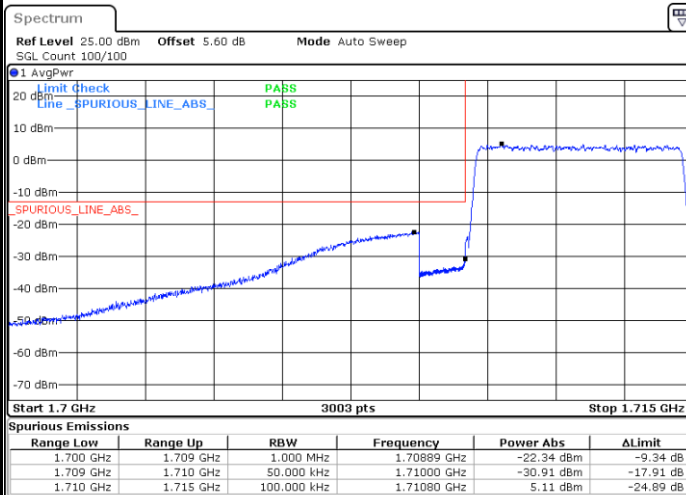
## Lowest Band Edge / 1RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

