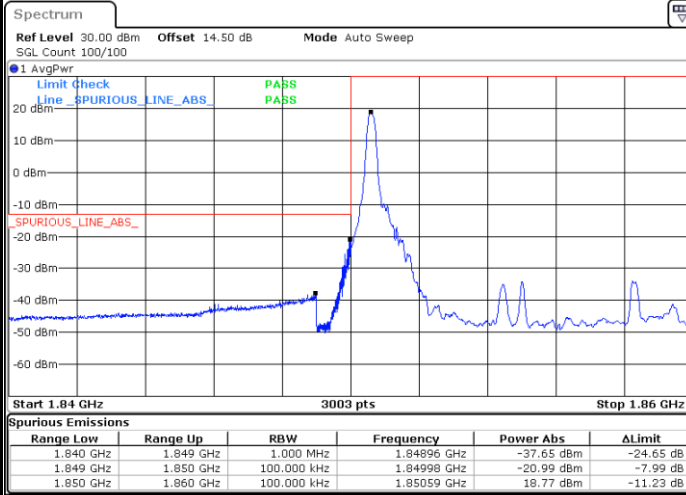


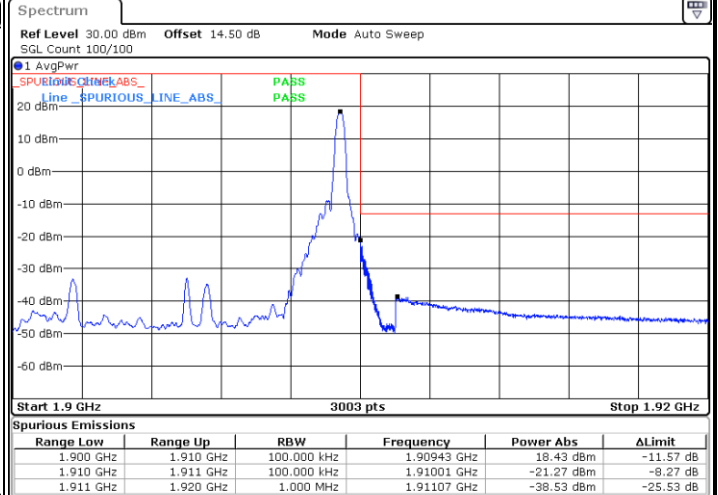


## LTE Band 2 / 10MHz / 64QAM

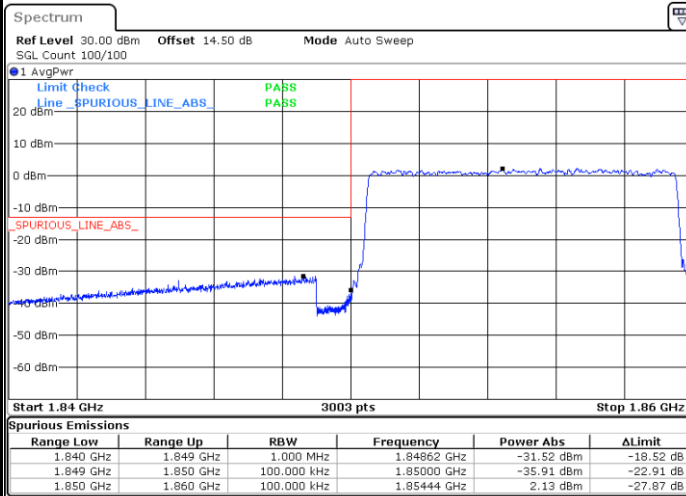
## Lowest Band Edge / 1 RB



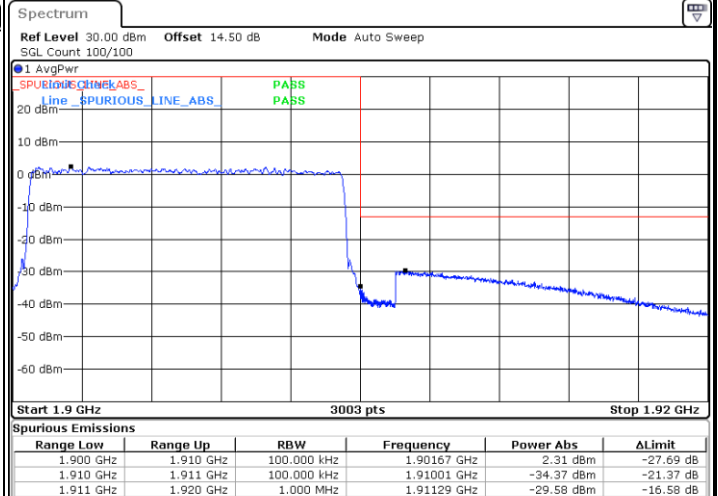
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



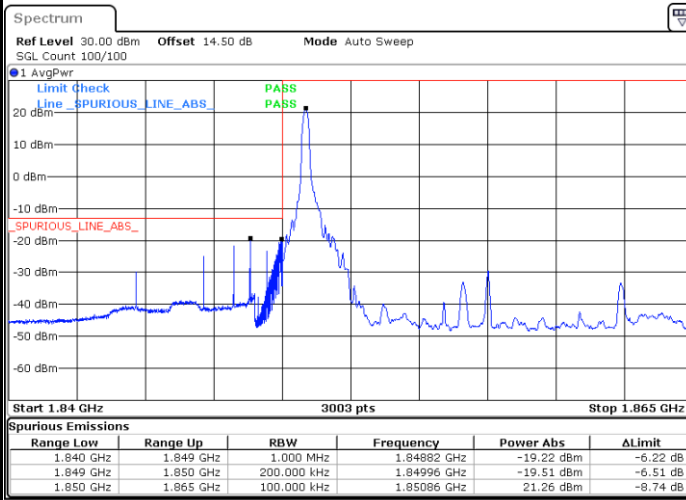
## Highest Band Edge / Full RB





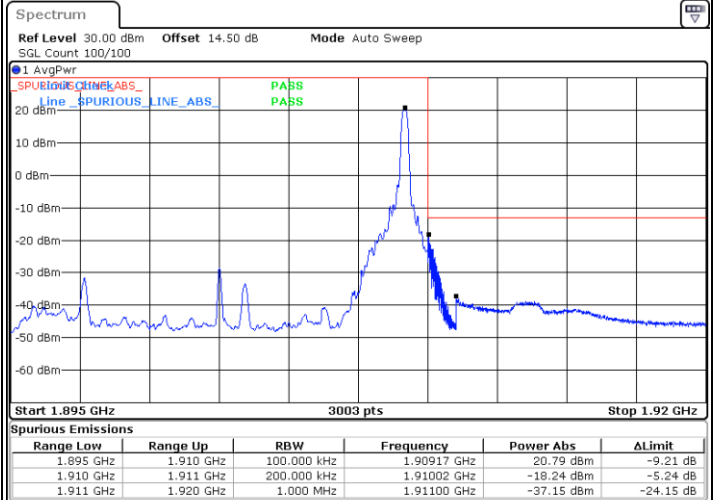
## LTE Band 2 / 15MHz / QPSK

## Lowest Band Edge / 1RB



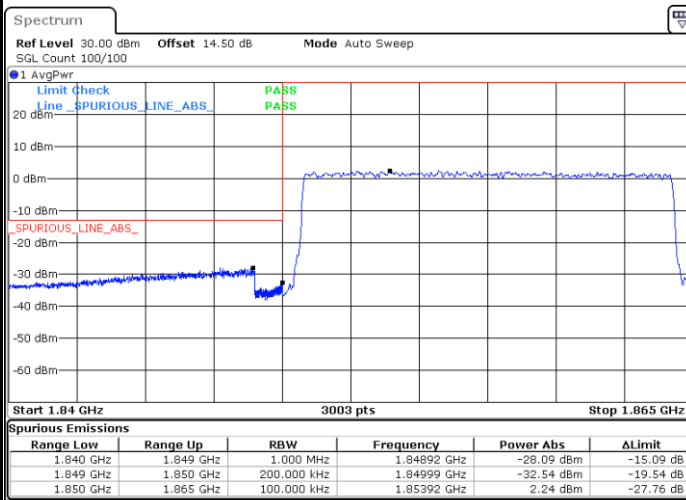
Date: 14.JUL.2025 00:37:02

## Highest Band Edge / 1RB



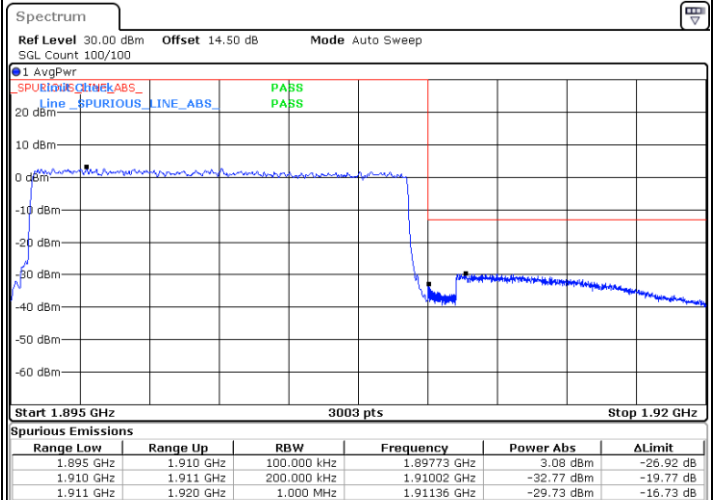
Date: 14.JUL.2025 00:44:20

## Lowest Band Edge / Full RB



Date: 14.JUL.2025 00:39:05

## Highest Band Edge / Full RB

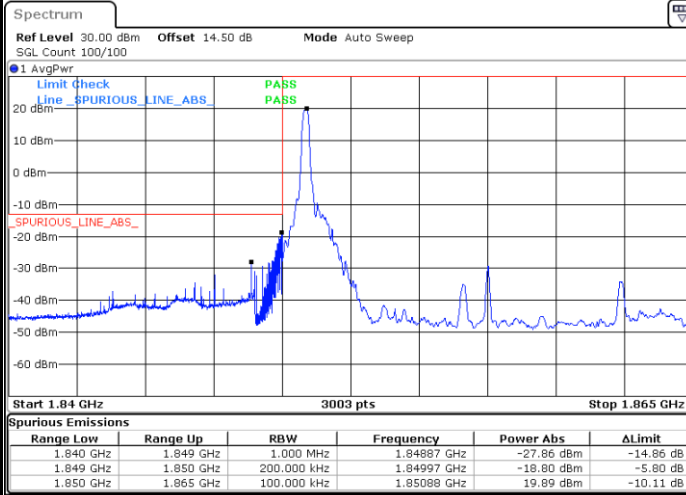


Date: 14.JUL.2025 00:46:23

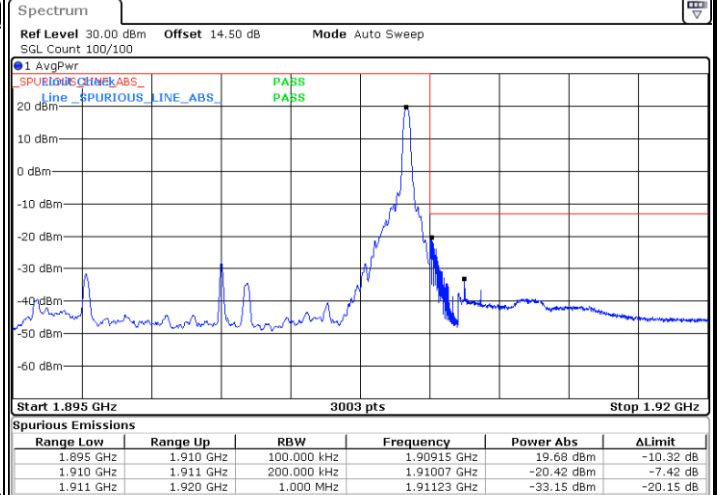


## LTE Band 2 / 15MHz / 16QAM

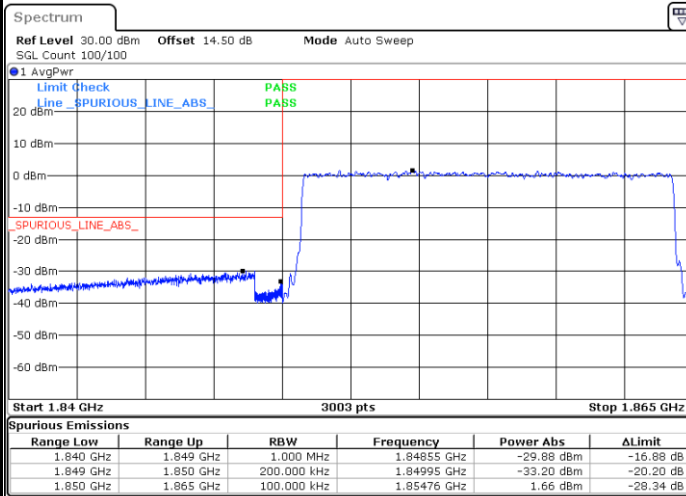
## Lowest Band Edge / 1 RB



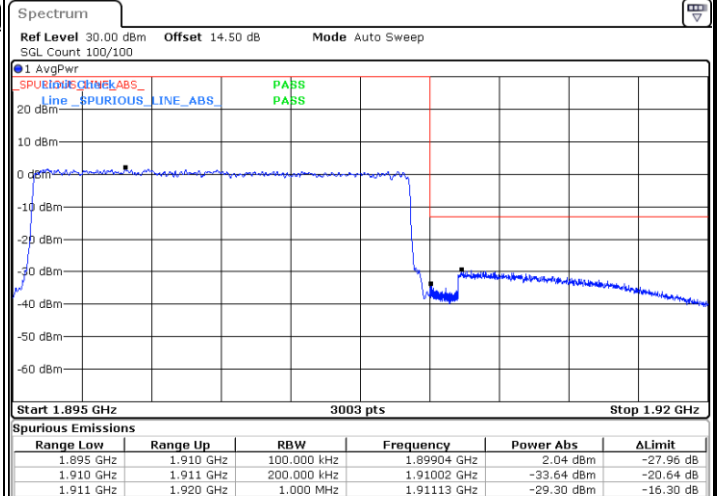
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



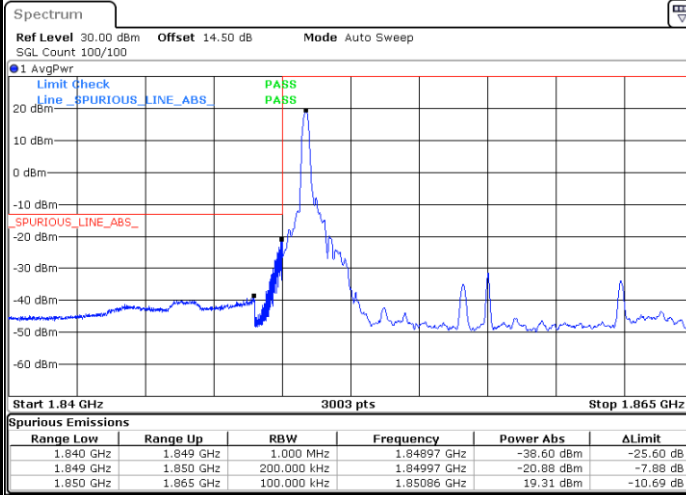
## Highest Band Edge / Full RB



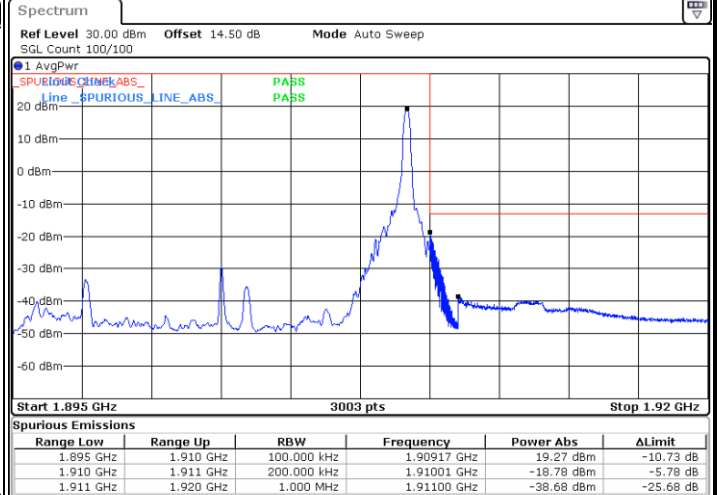


## LTE Band 2 / 15MHz / 64QAM

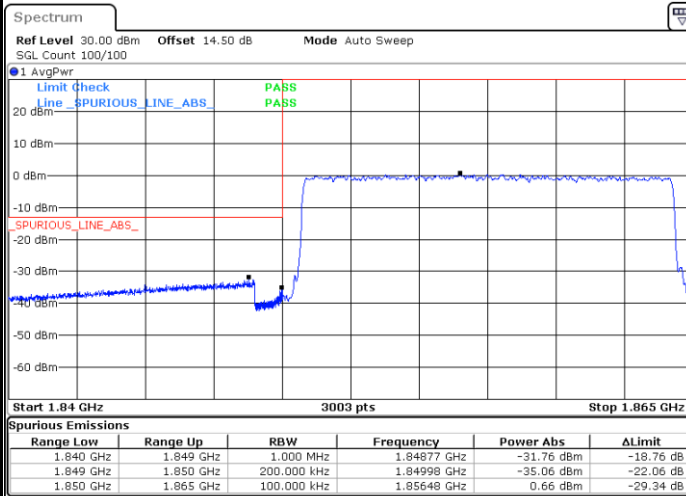
## Lowest Band Edge / 1 RB



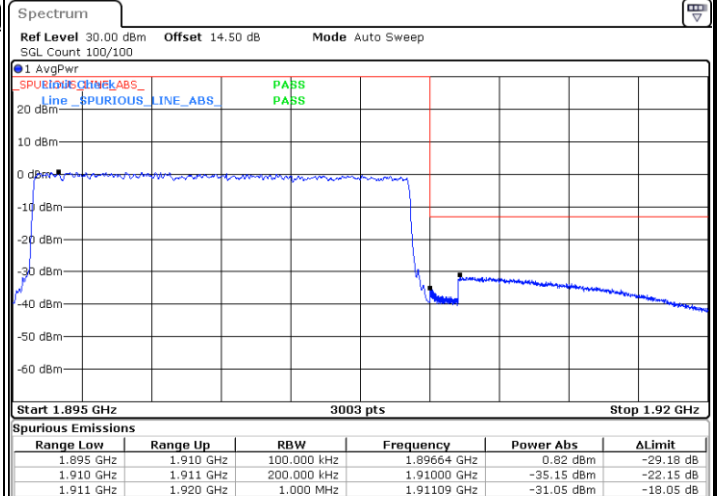
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



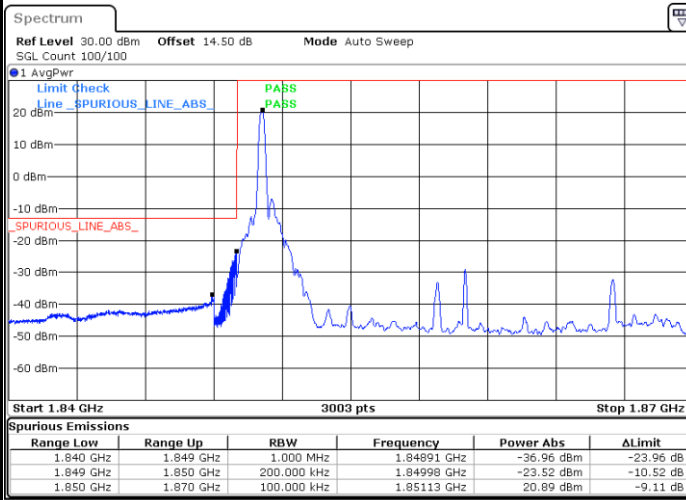
## Highest Band Edge / Full RB



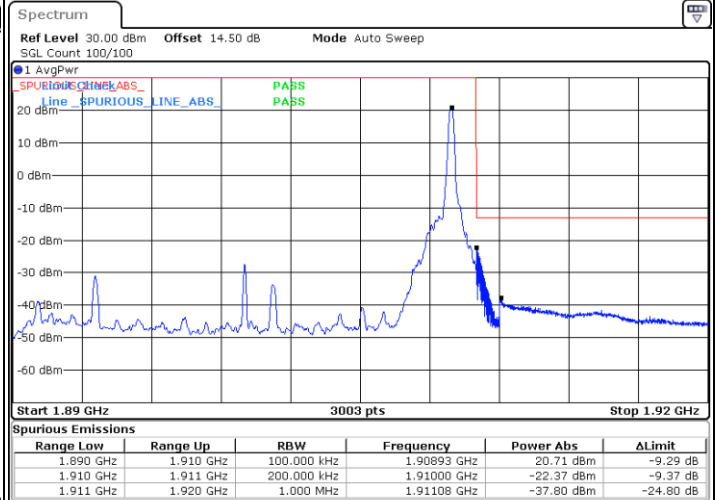


## LTE Band 2 / 20MHz / QPSK

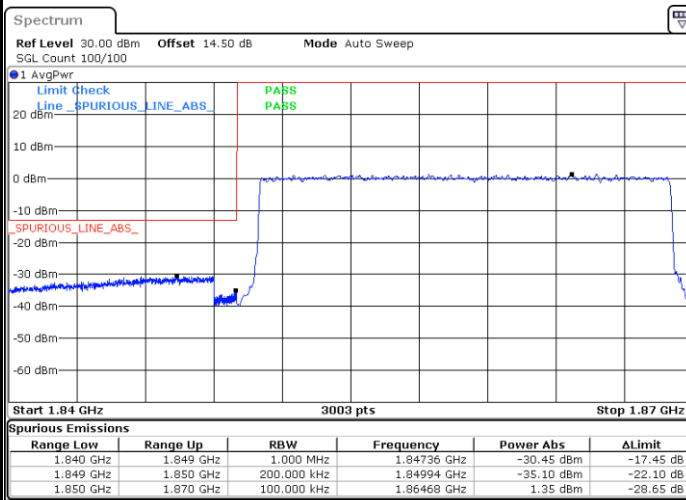
## Lowest Band Edge / 1RB



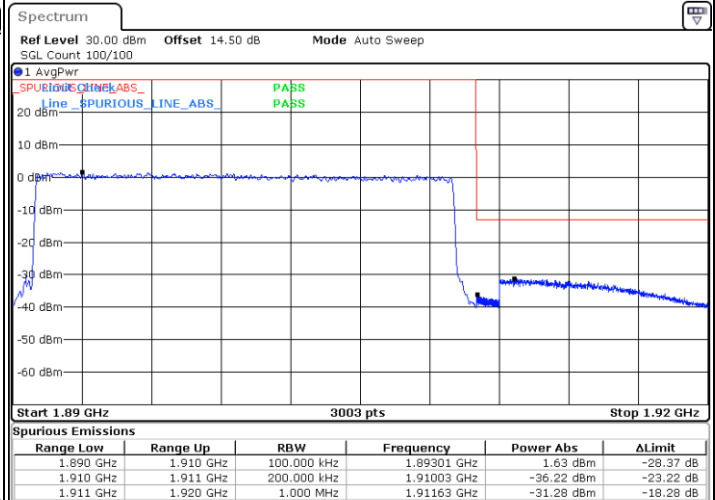
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



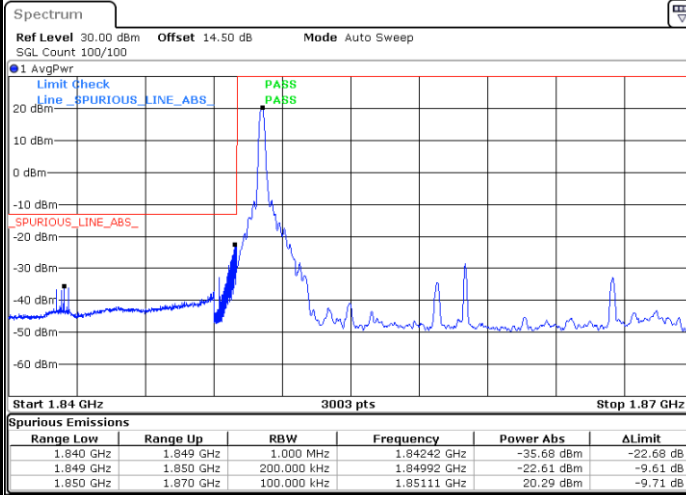
## Highest Band Edge / Full RB



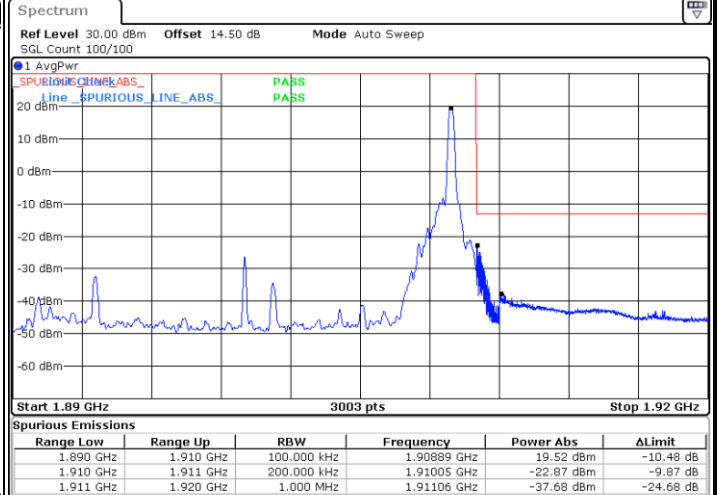


## LTE Band 2 / 20MHz / 16QAM

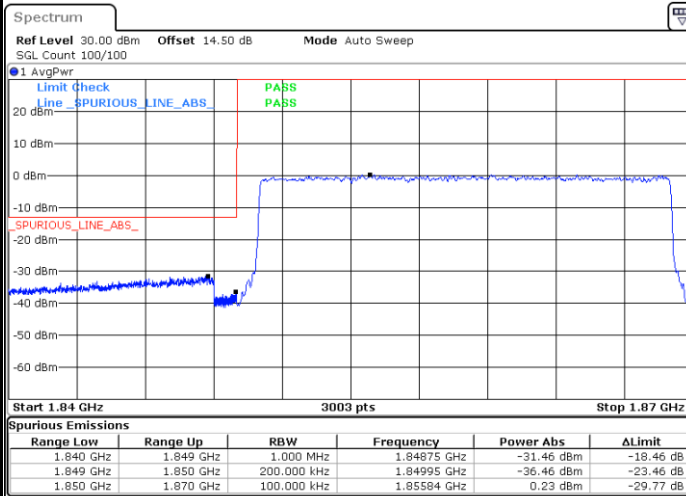
## Lowest Band Edge / 1 RB



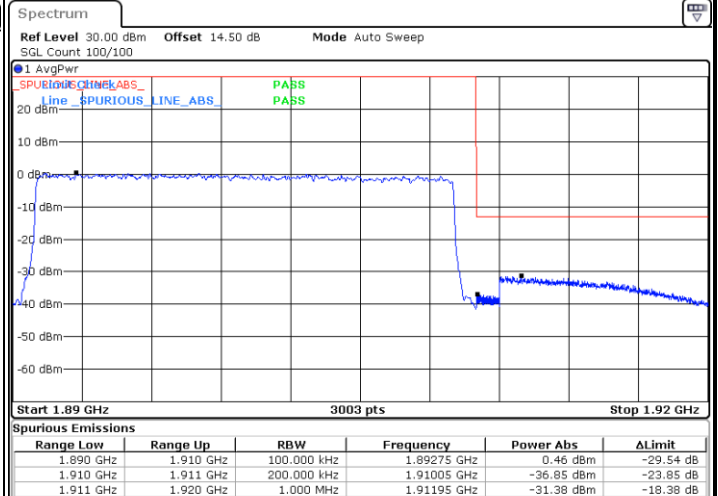
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



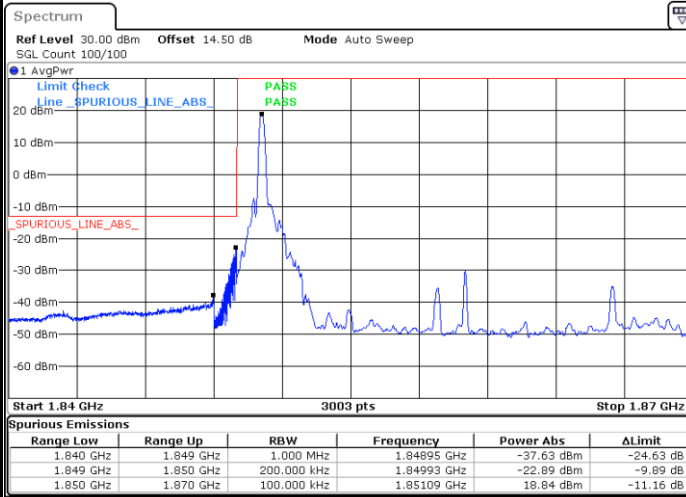
## Highest Band Edge / Full RB



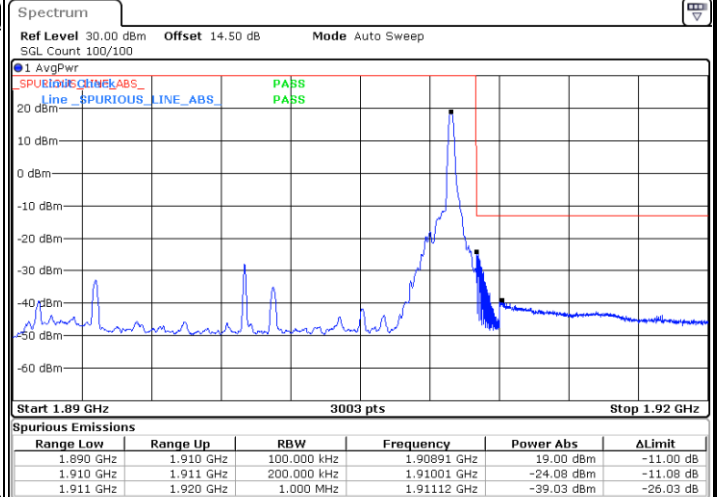


## LTE Band 2 / 20MHz / 64QAM

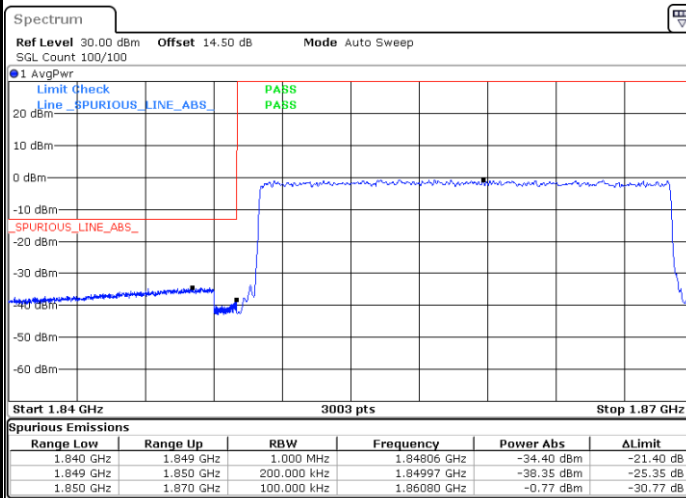
## Lowest Band Edge / 1 RB



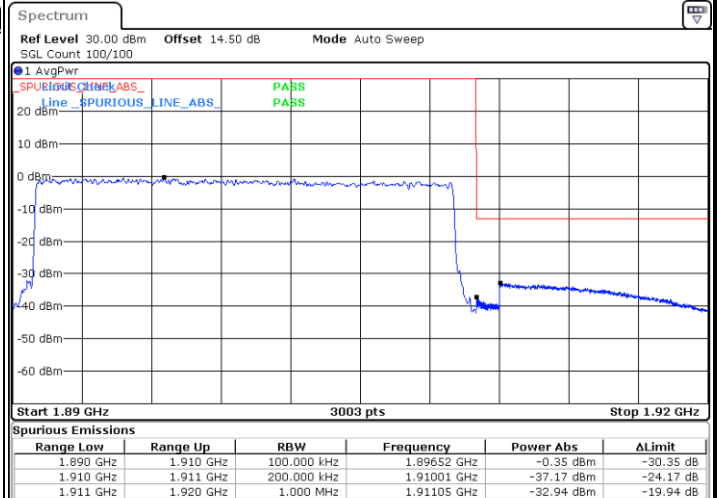
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

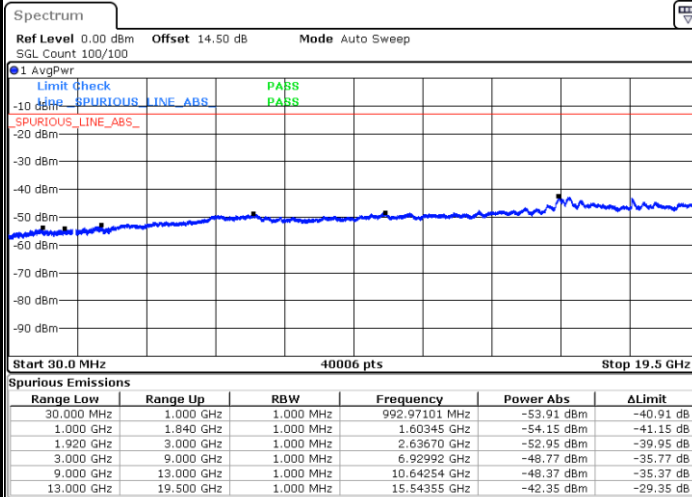




# Conducted Spurious Emission

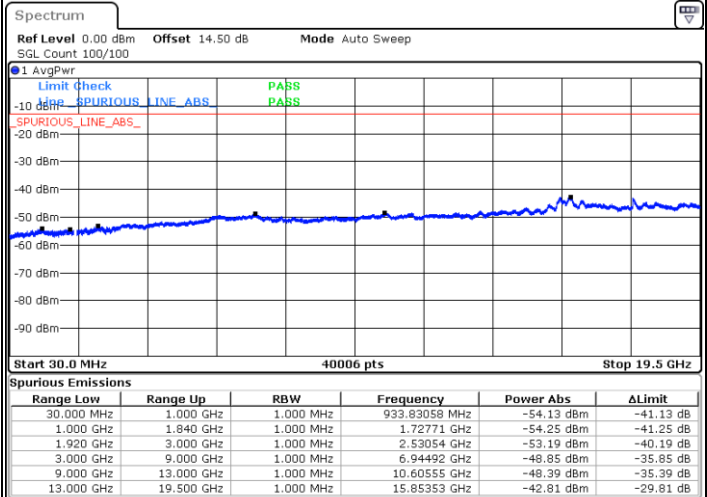
## LTE Band 2 / 1.4MHz

### Lowest Channel / QPSK



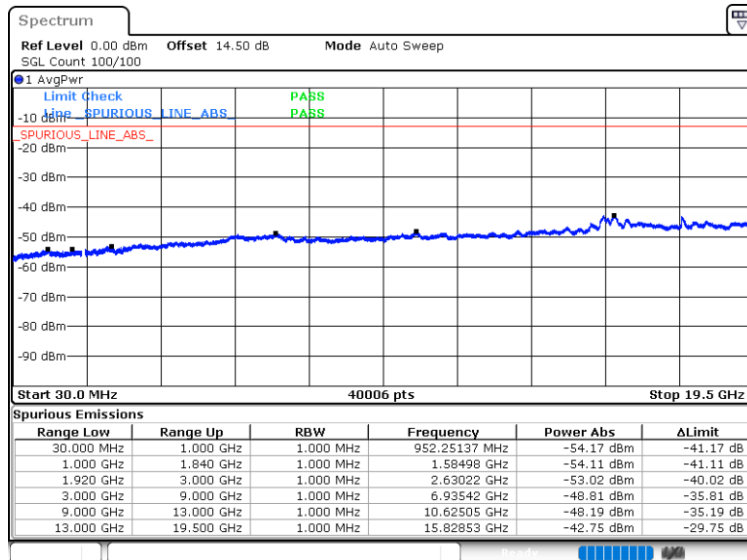
Date: 13.JUL.2025 23:47:03

### Middle Channel / QPSK



Date: 13.JUL.2025 23:50:03

### Highest Channel / QPSK



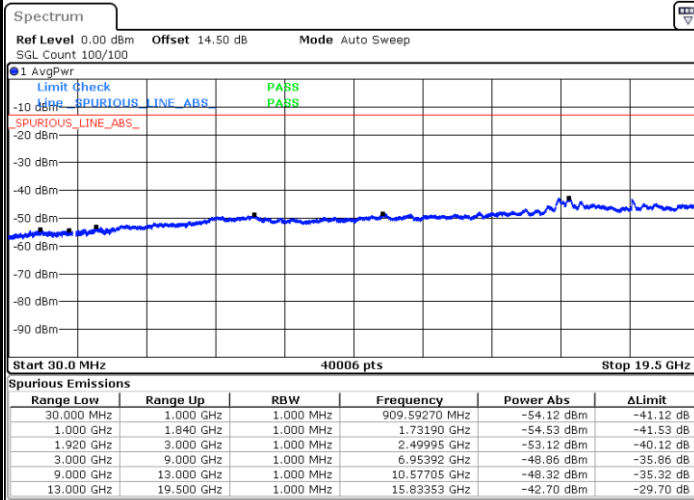
Date: 13.JUL.2025 23:54:22





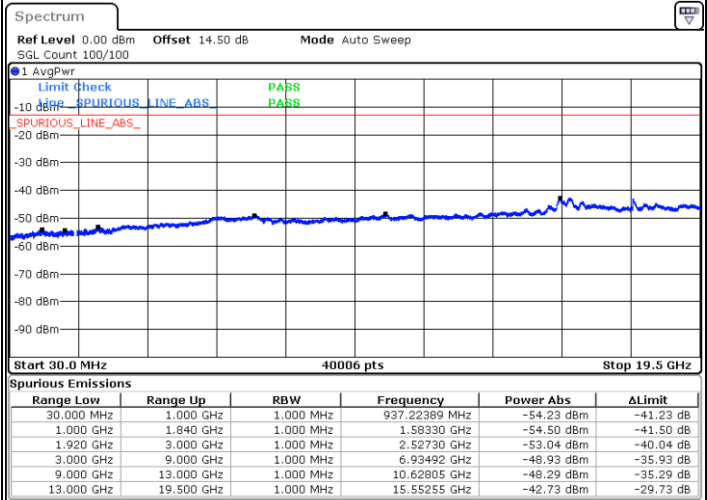
## LTE Band 2 / 3MHz

## Lowest Channel / QPSK



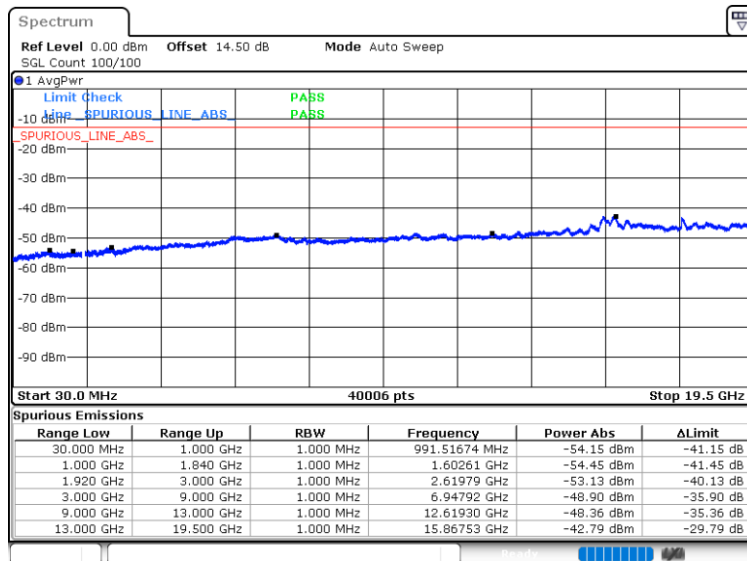
Date: 14.JUL.2025 00:00:08

## Middle Channel / QPSK



Date: 14.JUL.2025 00:03:07

## Highest Channel / QPSK

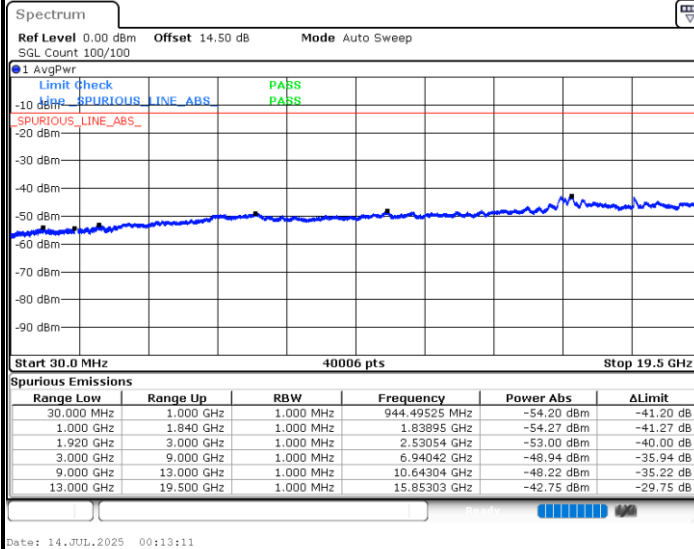


Date: 14.JUL.2025 00:09:29

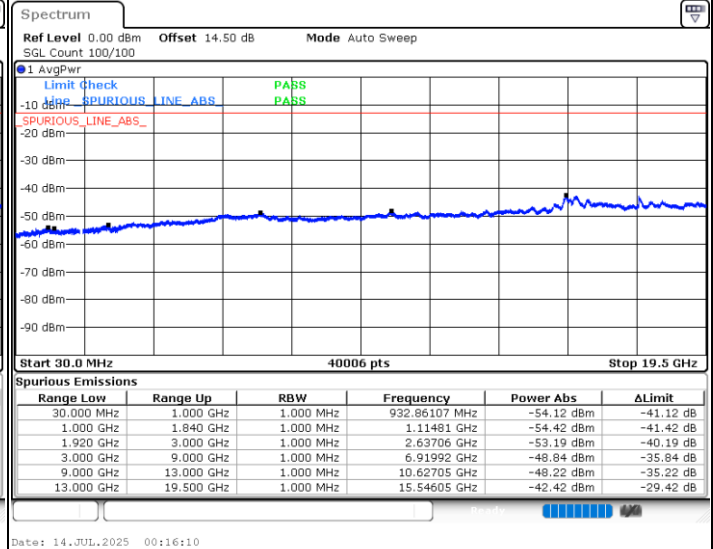


## LTE Band 2 / 5MHz

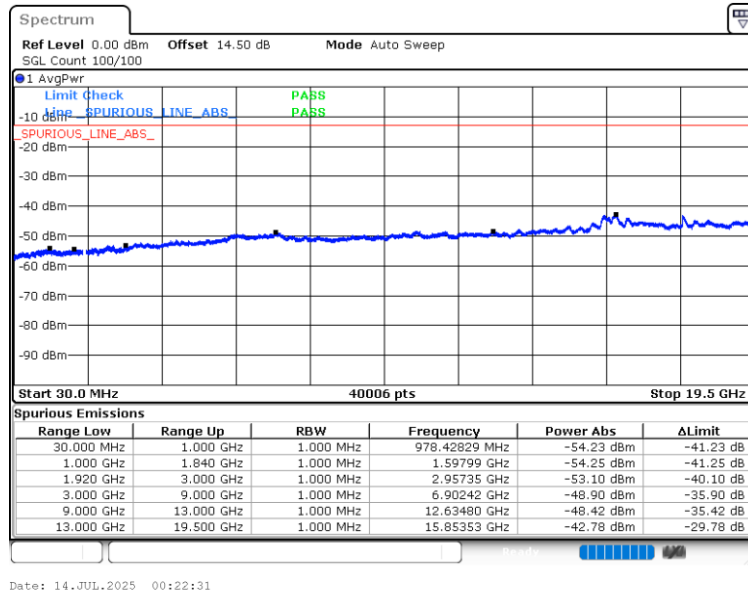
## Lowest Channel / QPSK



## Middle Channel / QPSK



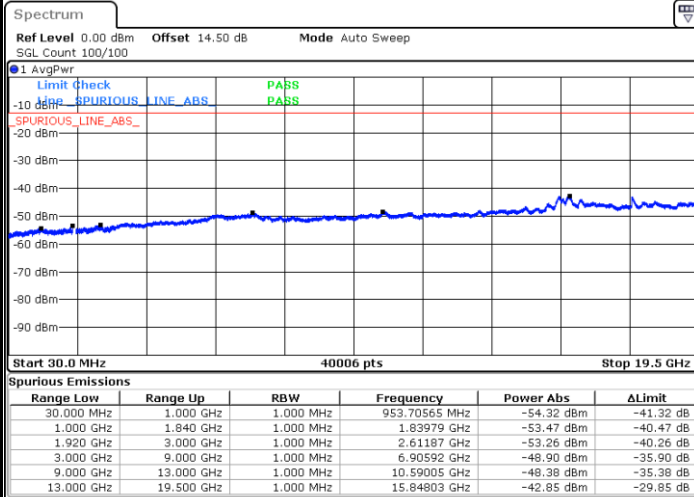
## Highest Channel / QPSK





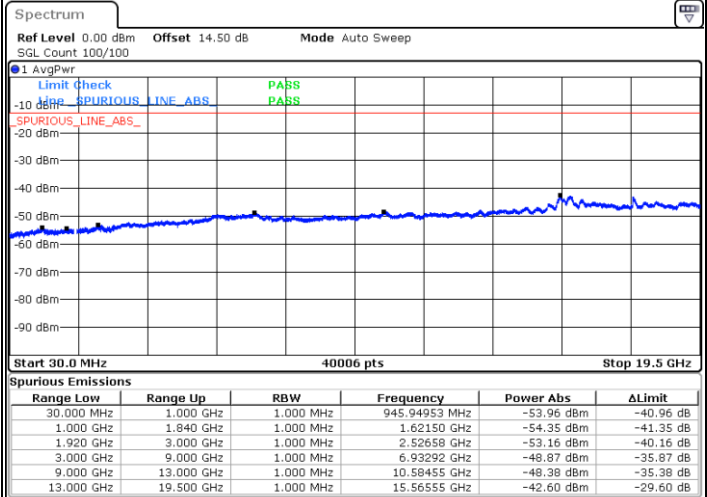
## LTE Band 2 / 10MHz

## Lowest Channel / QPSK



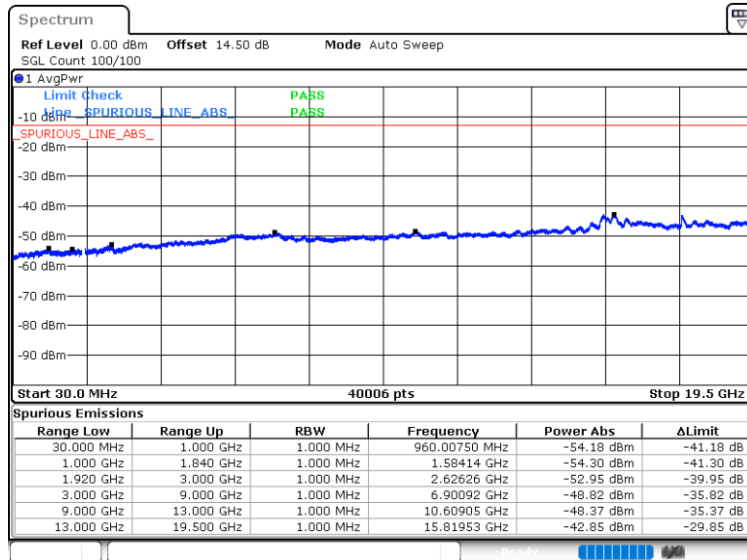
Date: 14.JUL.2025 00:28:19

## Middle Channel / QPSK



Date: 14.JUL.2025 00:29:14

## Highest Channel / QPSK

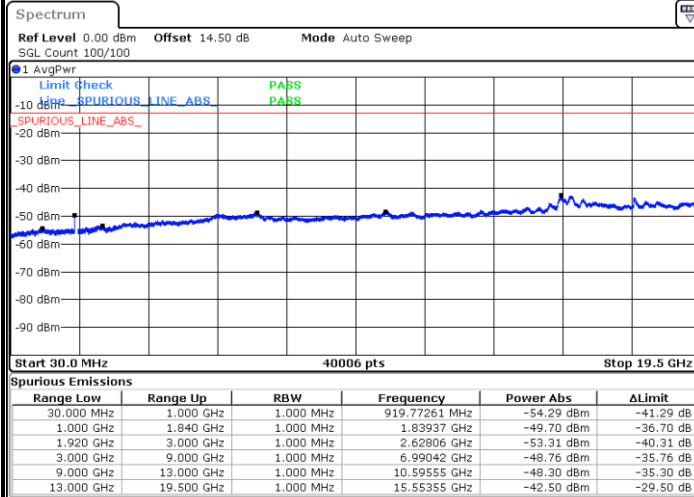


Date: 14.JUL.2025 00:35:36



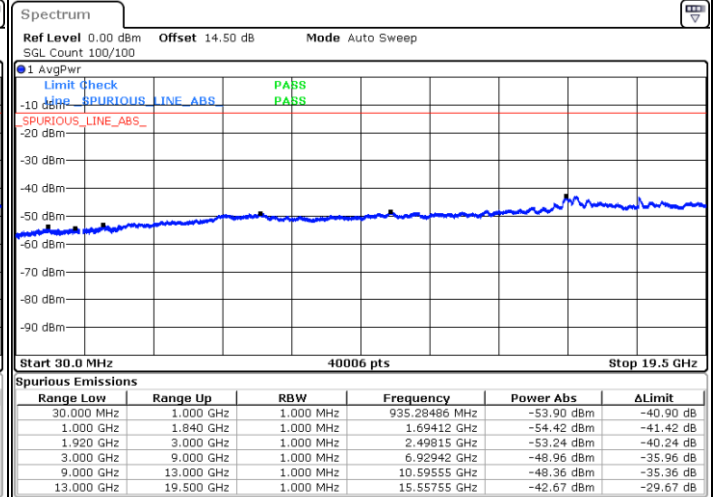
## LTE Band 2 / 15MHz

## Lowest Channel / QPSK



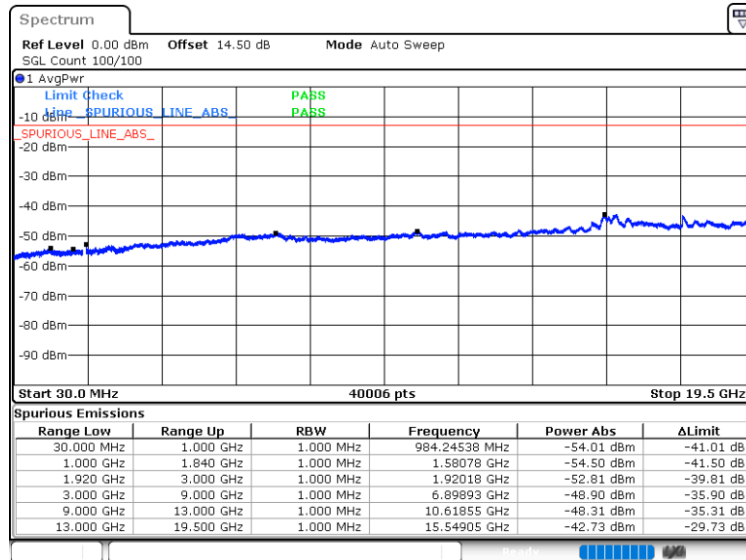
Date: 14.JUL.2025 00:41:24

## Middle Channel / QPSK



Date: 14.JUL.2025 00:42:19

## Highest Channel / QPSK

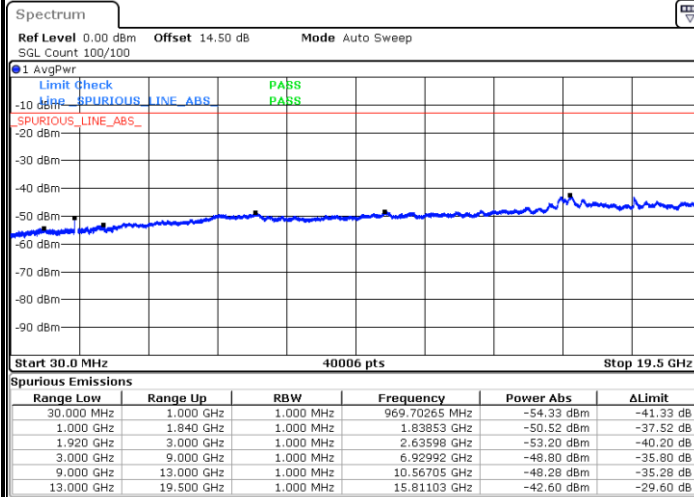


Date: 14.JUL.2025 00:48:41



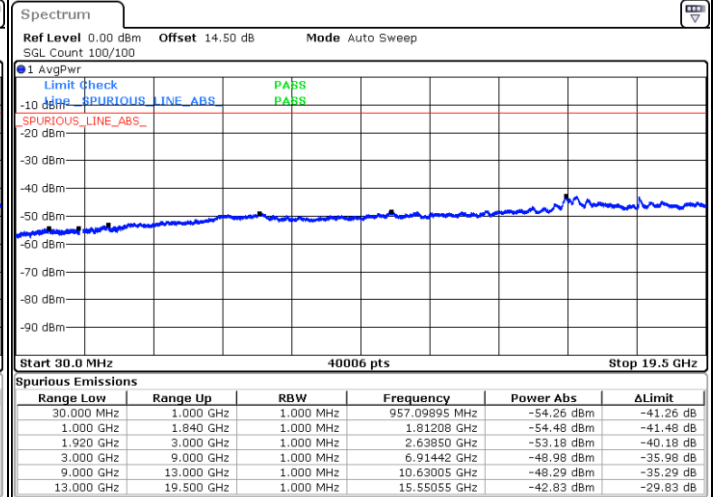
## LTE Band 2 / 20MHz

## Lowest Channel / QPSK



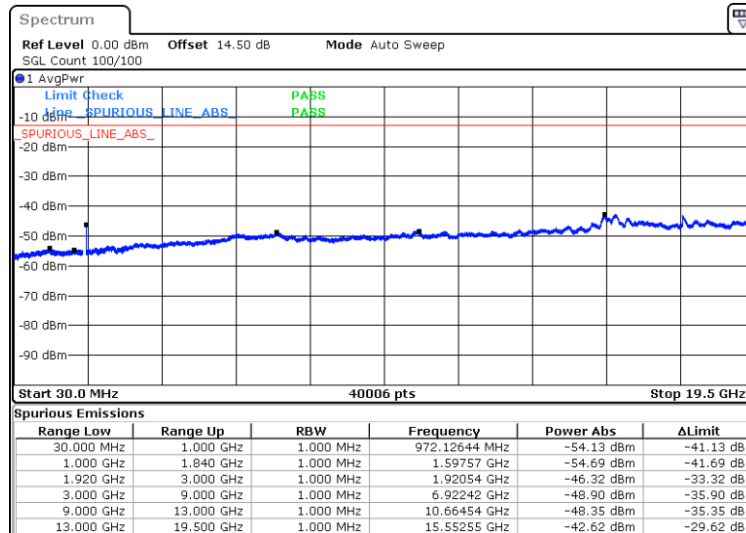
Date: 14.JUL.2025 00:54:26

## Middle Channel / QPSK



Date: 14.JUL.2025 00:55:22

## Highest Channel / QPSK



Date: 14.JUL.2025 01:03:13

## Frequency Stability

| Test Conditions  |                   | LTE Band 2 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0005                             | PASS    |
| 40               | Normal Voltage    | 0.0003                             |         |
| 30               | Normal Voltage    | 0.0004                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0008                             |         |
| 0                | Normal Voltage    | 0.0015                             |         |
| -10              | Normal Voltage    | 0.0002                             |         |
| -20              | Normal Voltage    | 0.0007                             |         |
| -30              | Normal Voltage    | 0.0010                             |         |
| 20               | Maximum Voltage   | 0.0005                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0011                             |         |

**Note:**

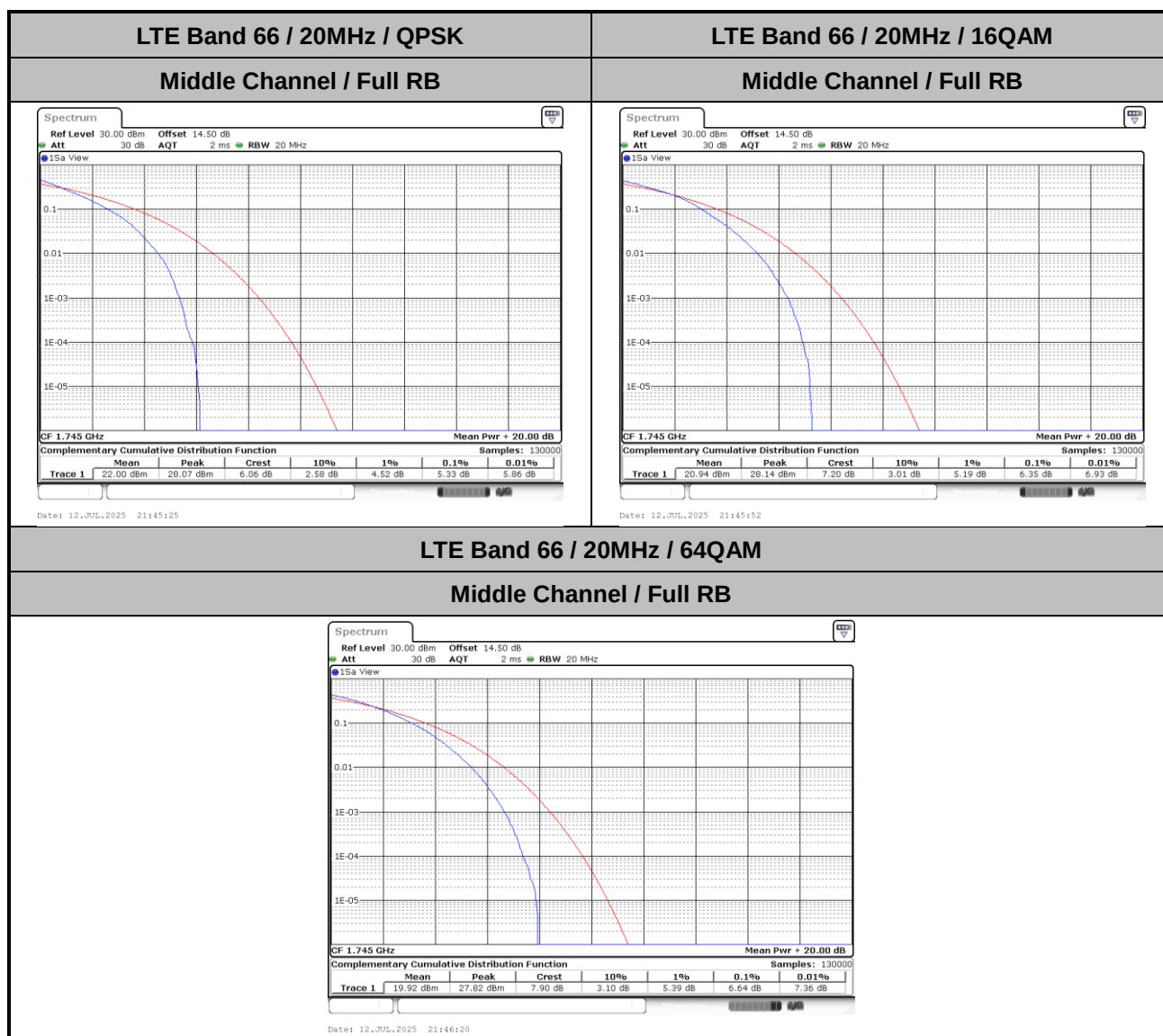
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 66\_ANT13

## Peak-to-Average Ratio

| Mode      | LTE Band 66 / 20MHz |         |         |             |
|-----------|---------------------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Result      |
| Middle CH | 5.33                | 6.35    | 6.64    | PASS        |





## 26dB Bandwidth

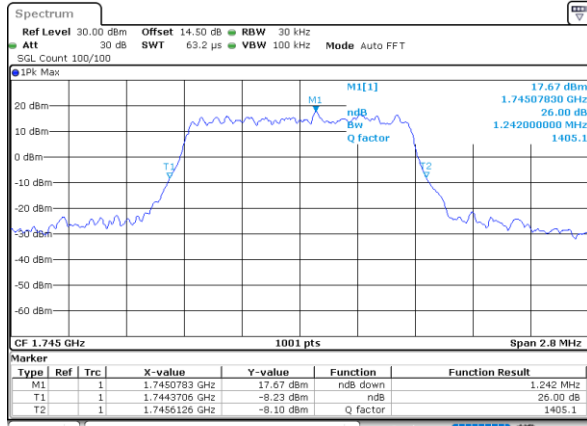
| Mode      | LTE Band 66 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW        | 1.4MHz                     |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                       | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | 1.24                       | 1.28  | 3.00 | 2.95  | 4.87 | 4.90  | 9.93  | 9.73  | 14.30 | 14.48 | 18.82 | 19.10 |



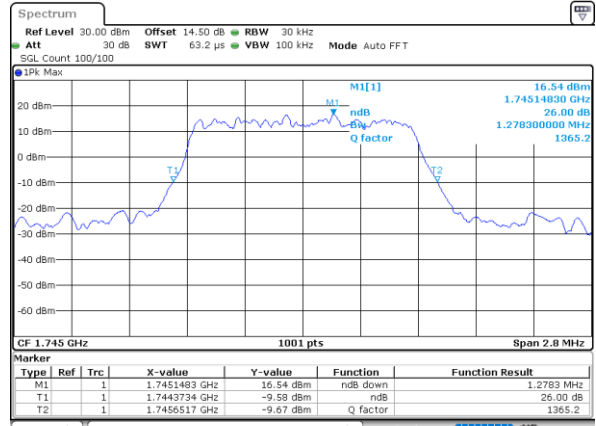


## LTE Band 66

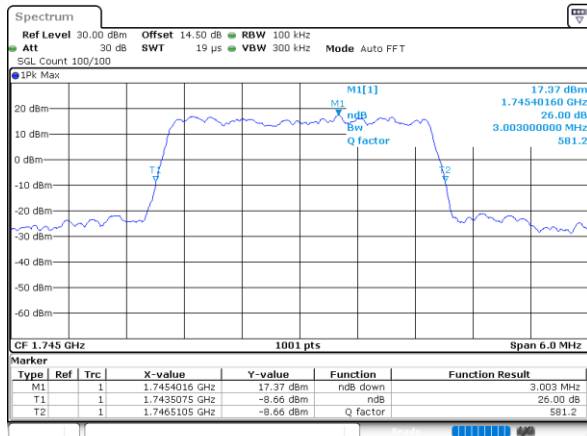
## Middle Channel / 1.4MHz / QPSK



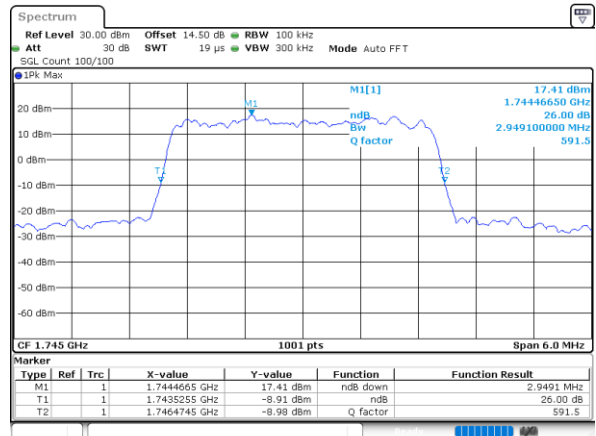
## Middle Channel / 1.4MHz / 16QAM



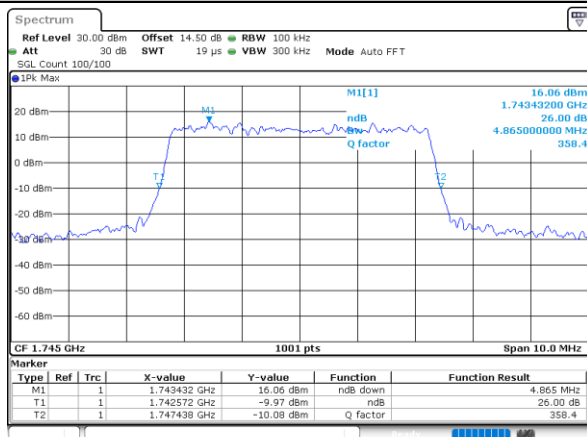
## Middle Channel / 3MHz / QPSK



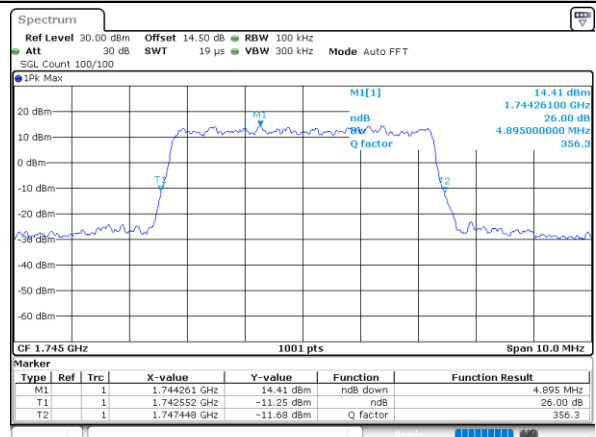
## Middle Channel / 3MHz / 16QAM



## Middle Channel / 5MHz / QPSK



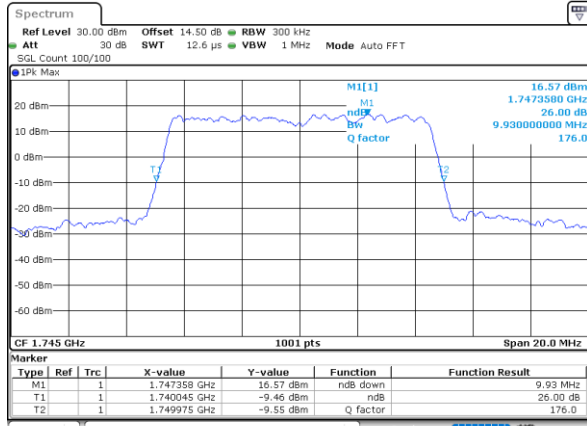
## Middle Channel / 5MHz / 16QAM





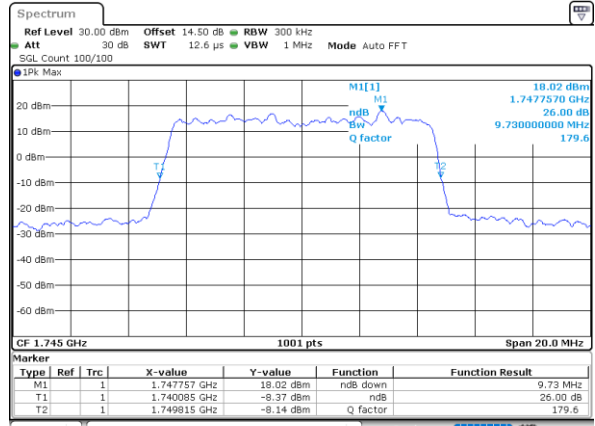
## LTE Band 66

## Middle Channel / 10MHz / QPSK



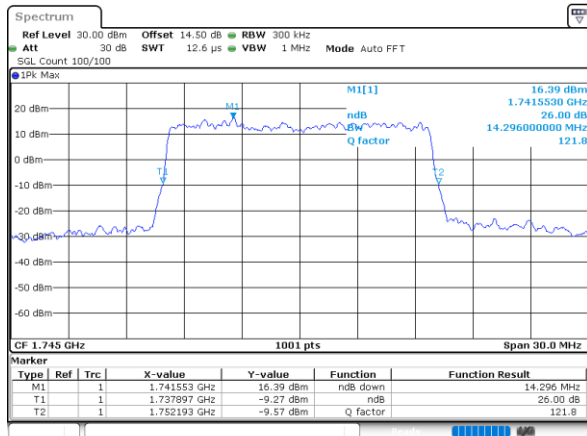
Date: 12.JUL.2025 21:06:13

## Middle Channel / 10MHz / 16QAM



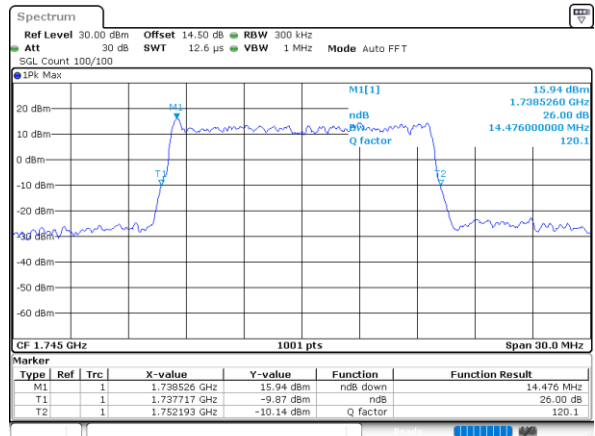
Date: 12.JUL.2025 21:06:54

## Middle Channel / 15MHz / QPSK



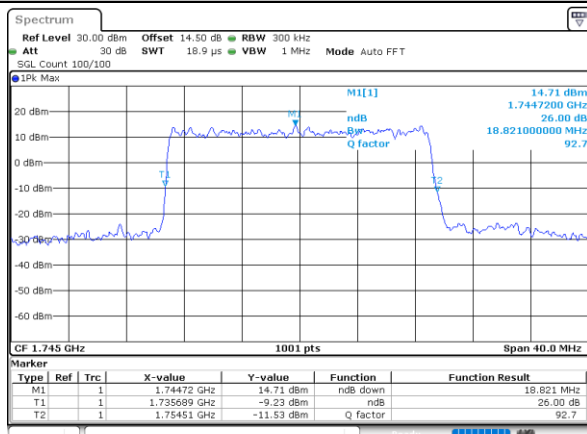
Date: 12.JUL.2025 21:25:15

## Middle Channel / 15MHz / 16QAM



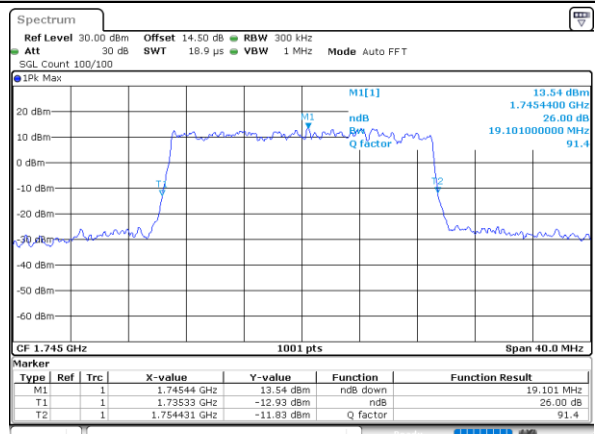
Date: 12.JUL.2025 21:25:55

## Middle Channel / 20MHz / QPSK



Date: 12.JUL.2025 21:44:17

## Middle Channel / 20MHz / 16QAM



Date: 12.JUL.2025 21:44:57



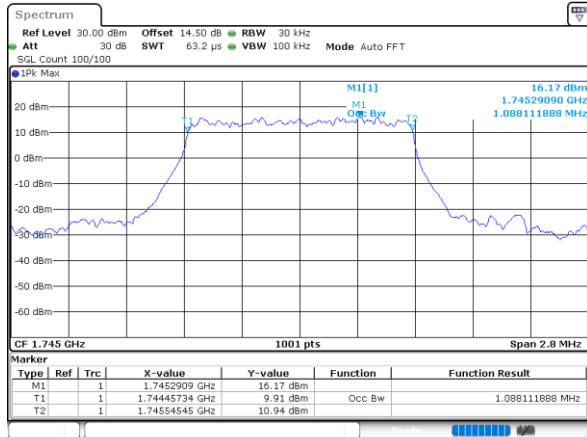
## Occupied Bandwidth

| Mode      | LTE Band 66 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW        | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | 1.09                      | 1.10  | 2.72 | 2.72  | 4.49 | 4.49  | 9.09  | 9.01  | 13.46 | 13.43 | 17.90 | 17.90 |

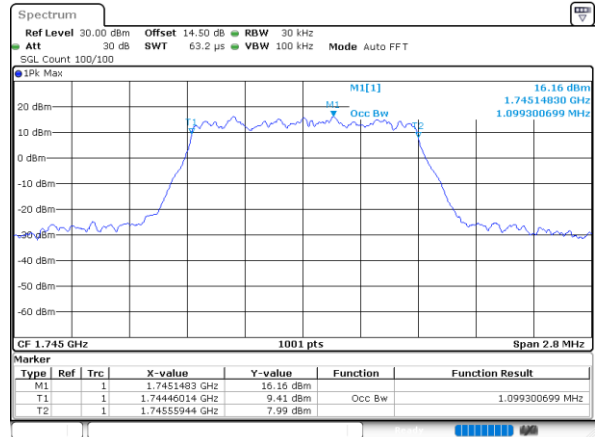


## LTE Band 66

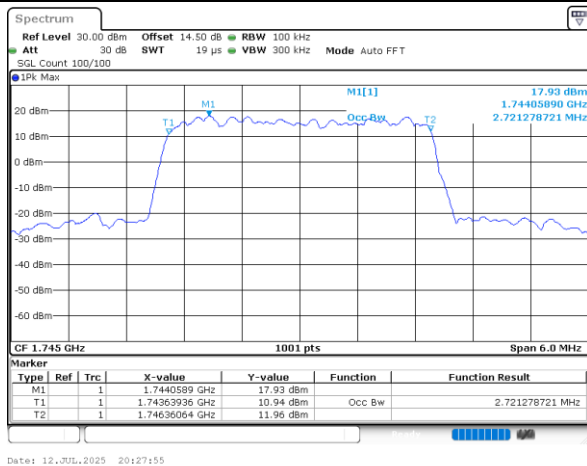
## Middle Channel / 1.4MHz / QPSK



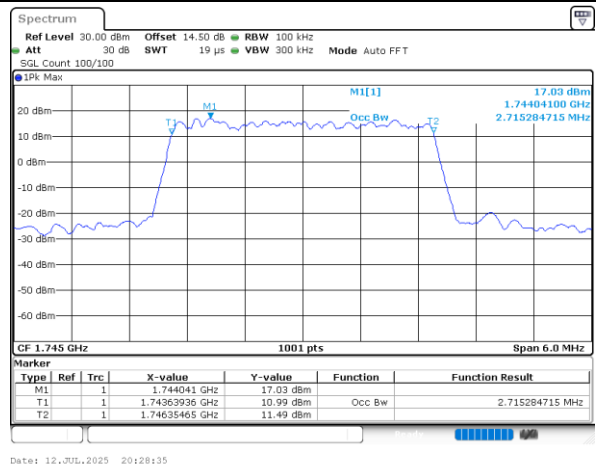
## Middle Channel / 1.4MHz / 16QAM



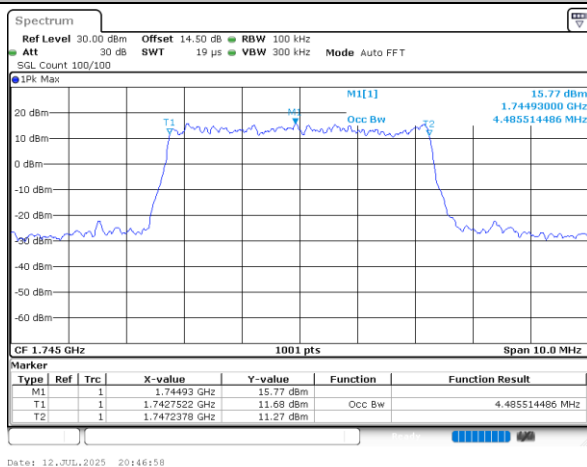
## Middle Channel / 3MHz / QPSK



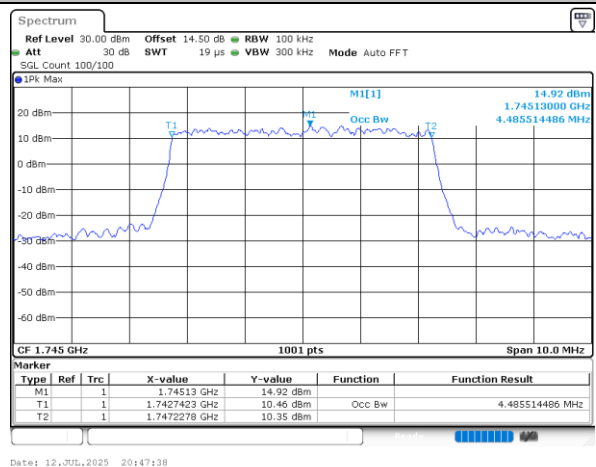
## Middle Channel / 3MHz / 16QAM



## Middle Channel / 5MHz / QPSK



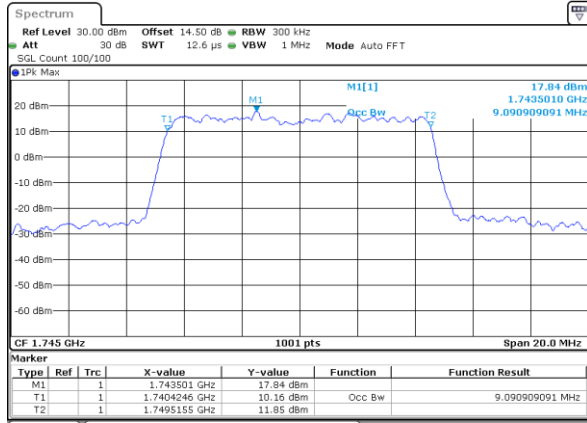
## Middle Channel / 5MHz / 16QAM





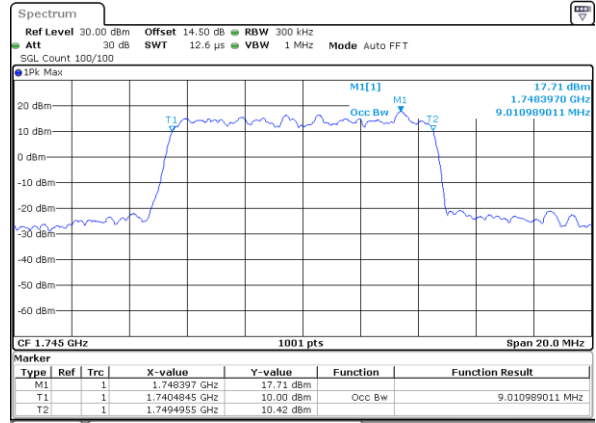
## LTE Band 66

## Middle Channel / 10MHz / QPSK



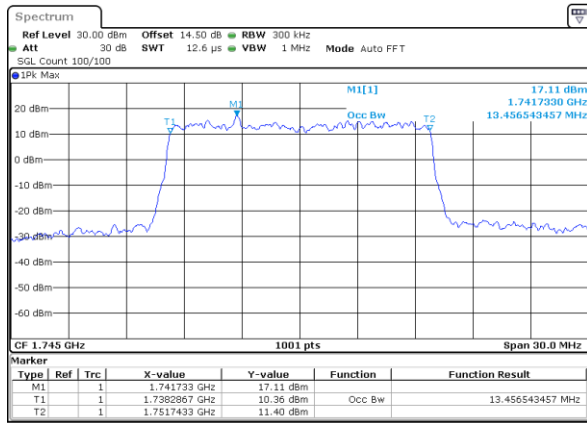
Date: 12.JUL.2025 21:05:59

## Middle Channel / 10MHz / 16QAM



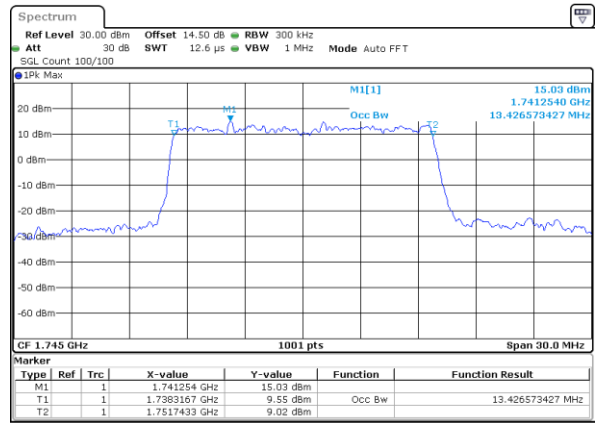
Date: 12.JUL.2025 21:06:40

## Middle Channel / 15MHz / QPSK



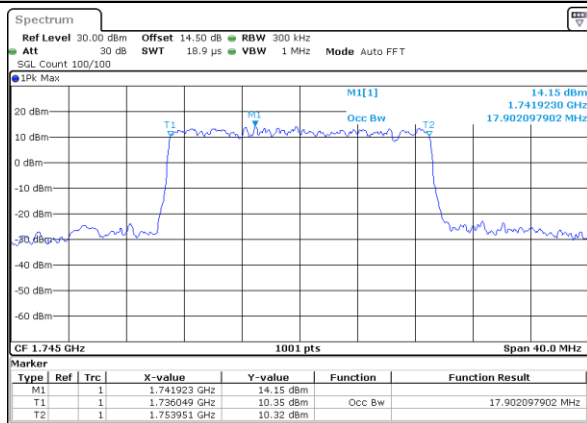
Date: 12.JUL.2025 21:25:01

## Middle Channel / 15MHz / 16QAM



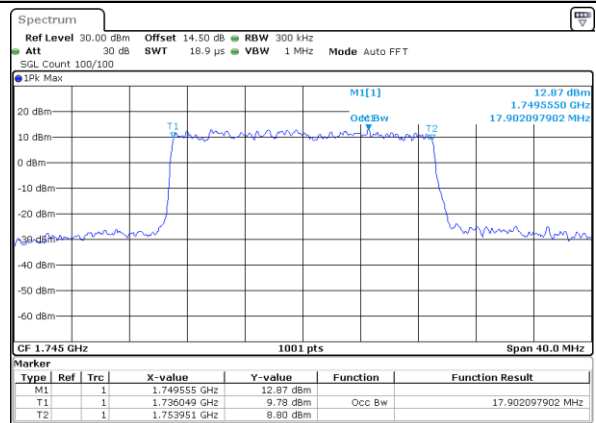
Date: 12.JUL.2025 21:25:41

## Middle Channel / 20MHz / QPSK



Date: 12.JUL.2025 21:44:03

## Middle Channel / 20MHz / 16QAM



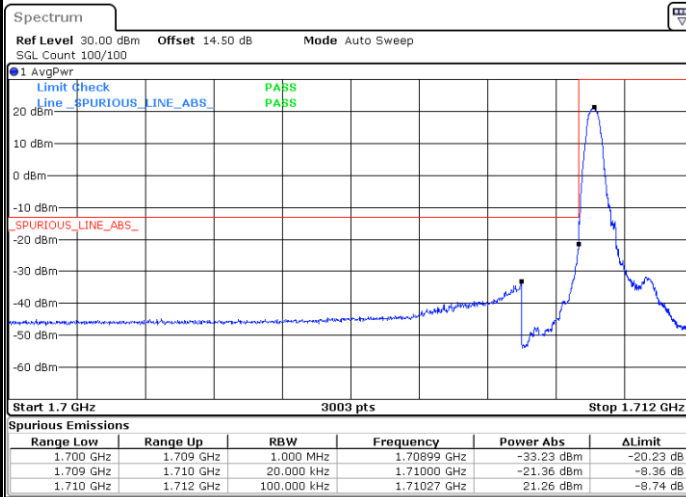
Date: 12.JUL.2025 21:44:43



# Conducted Band Edge

## LTE Band 66 / 1.4MHz / QPSK

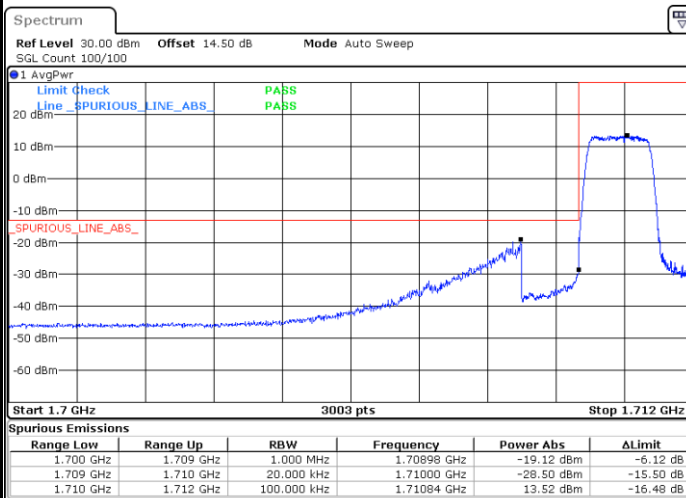
### Lowest Band Edge / 1RB



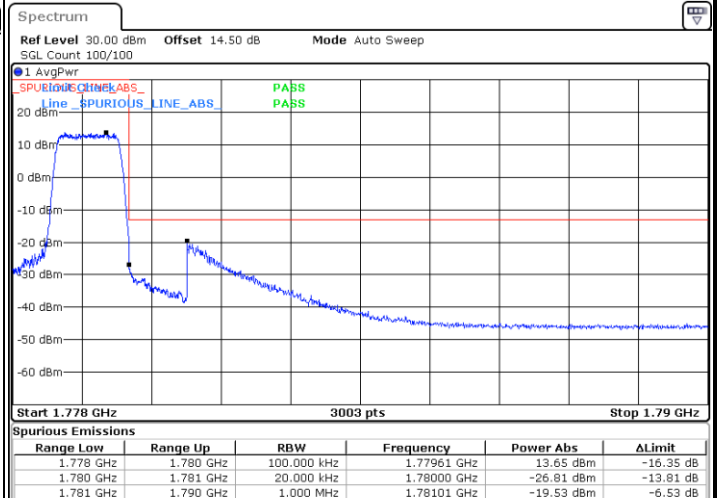
### Highest Band Edge / 1RB



### Lowest Band Edge / Full RB



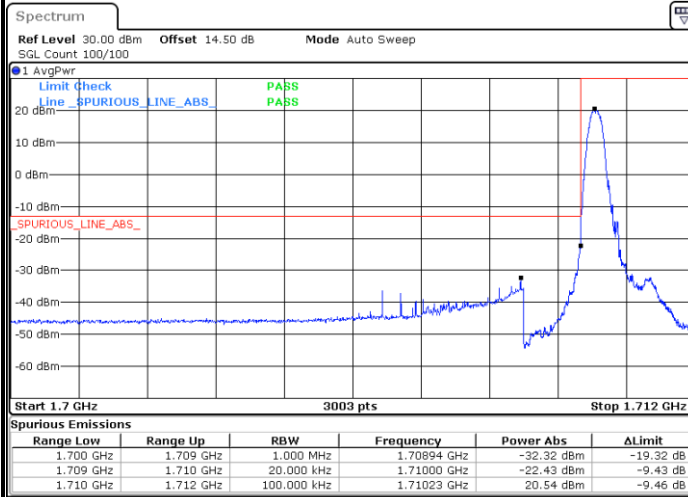
### Highest Band Edge / Full RB



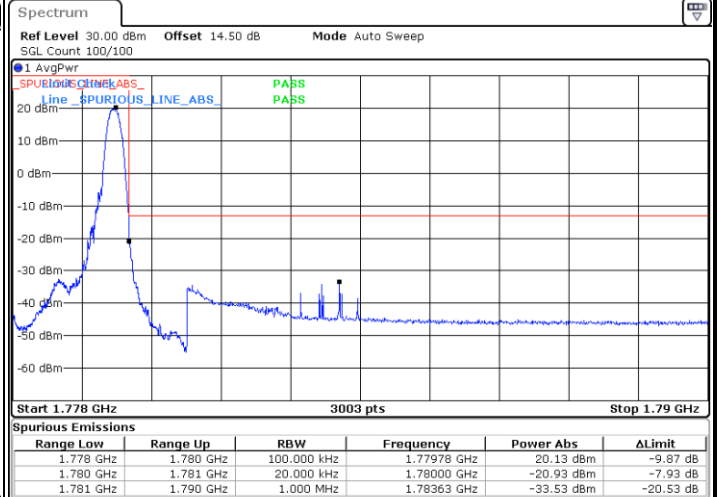


## LTE Band 66 / 1.4MHz / 16QAM

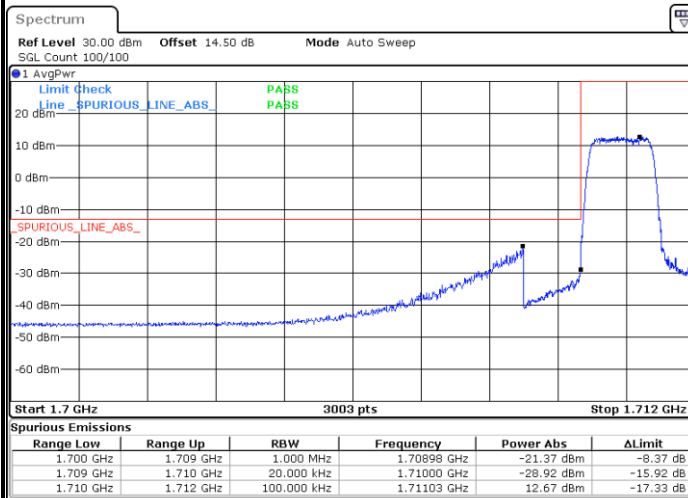
## Lowest Band Edge / 1 RB



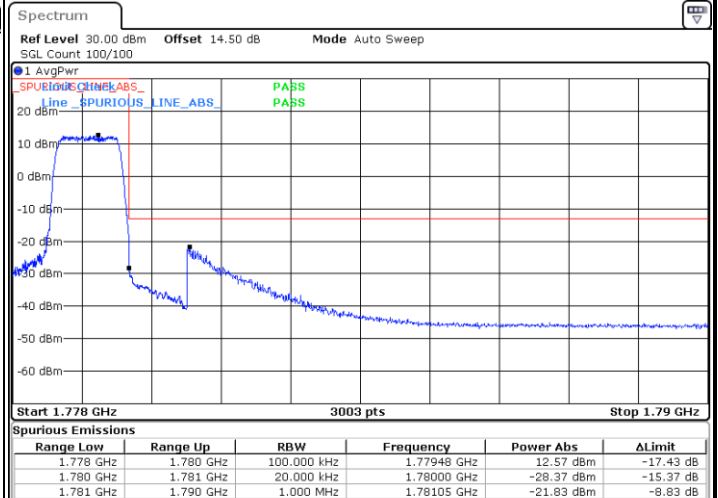
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



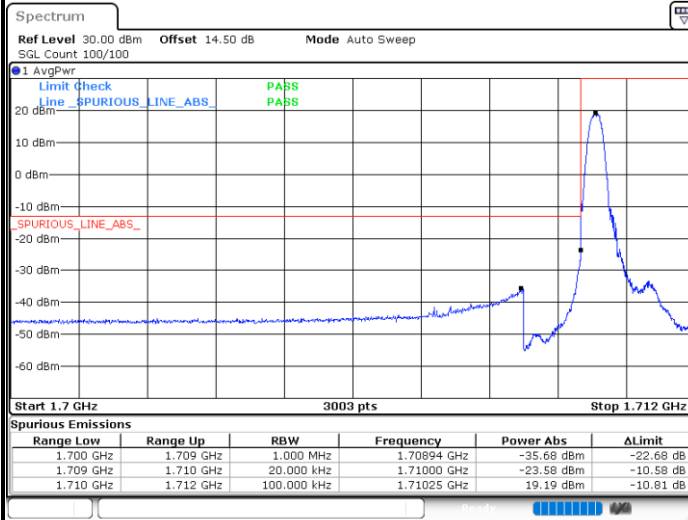
## Highest Band Edge / Full RB



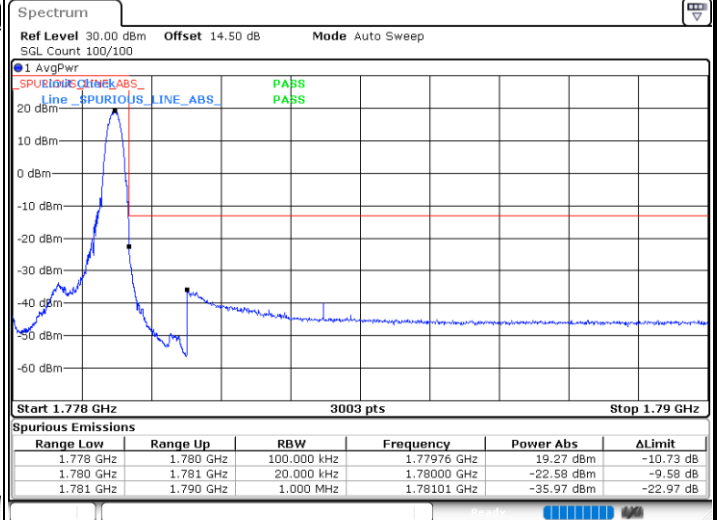


## LTE Band 66 / 1.4MHz / 64QAM

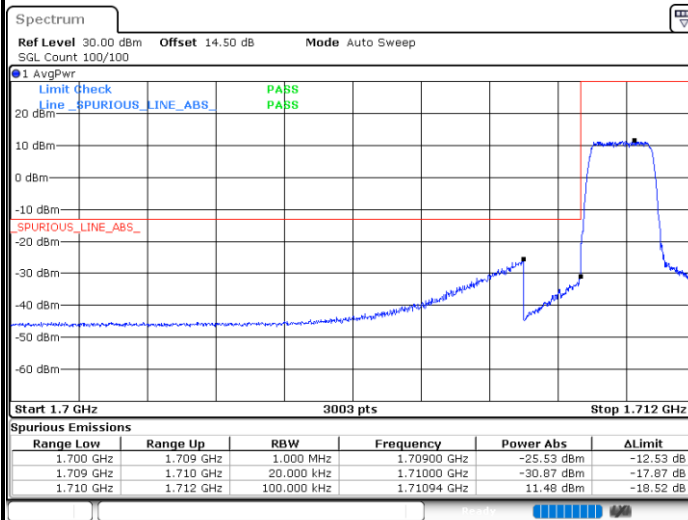
## Lowest Band Edge / 1 RB



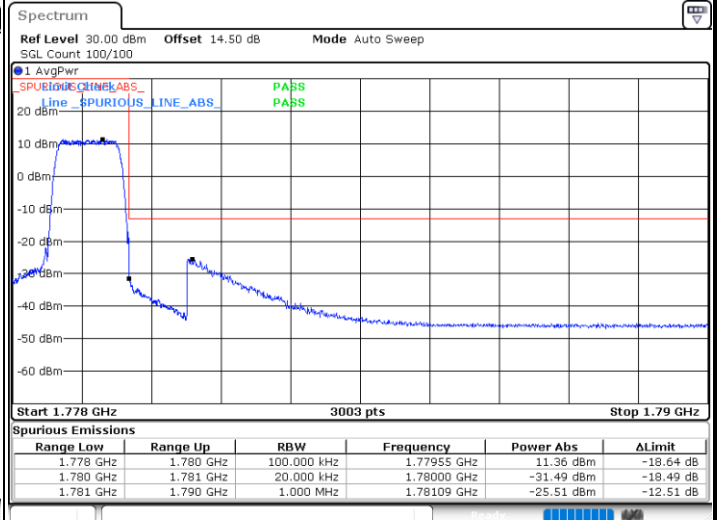
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

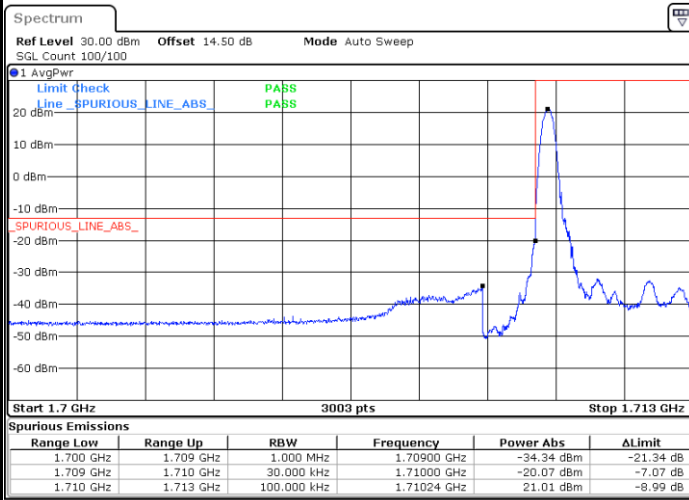






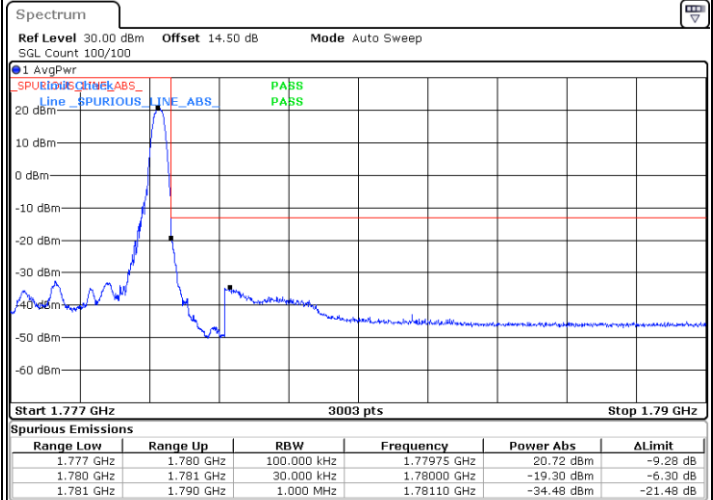
## LTE Band 66 / 3MHz / QPSK

## Lowest Band Edge / 1RB



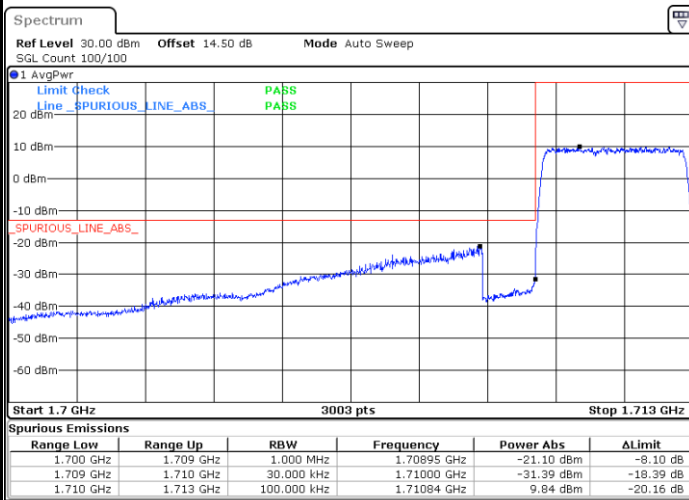
Date: 12.JUL.2025 20:19:27

## Highest Band Edge / 1RB



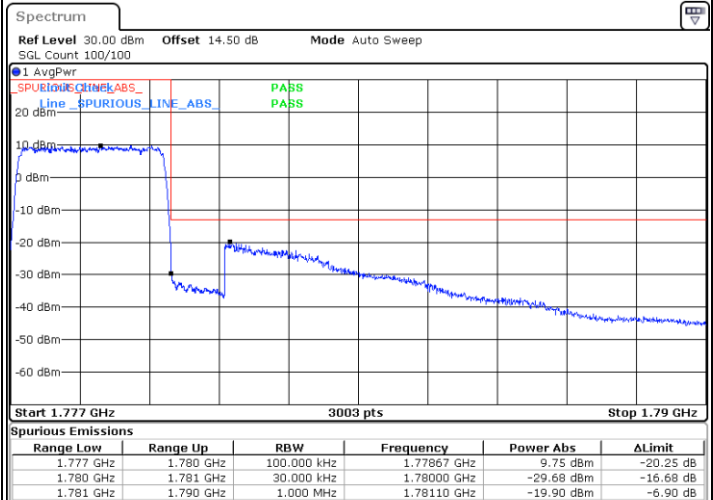
Date: 12.JUL.2025 20:29:55

## Lowest Band Edge / Full RB



Date: 12.JUL.2025 20:24:00

## Highest Band Edge / Full RB

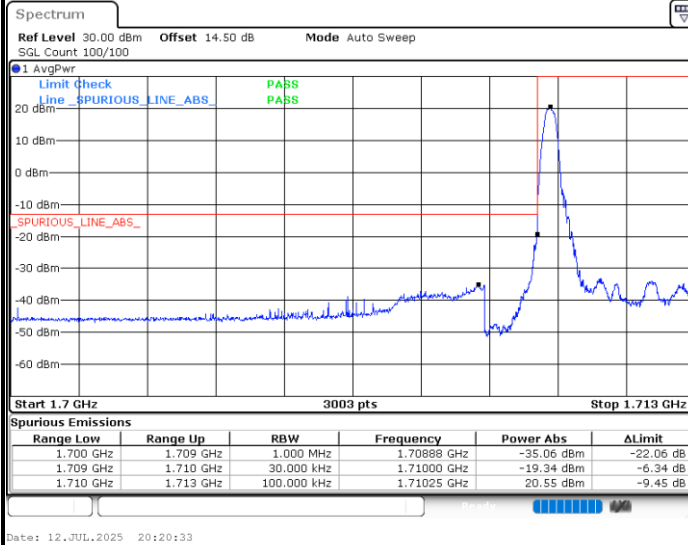


Date: 12.JUL.2025 20:33:13

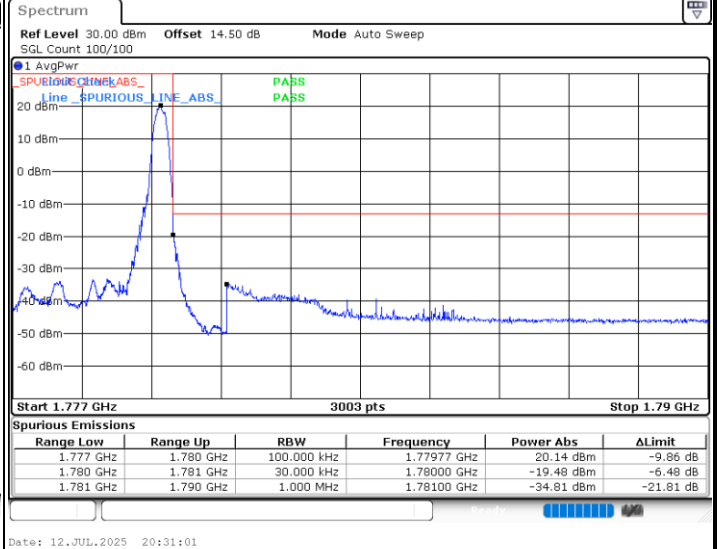


## LTE Band 66 / 3MHz / 16QAM

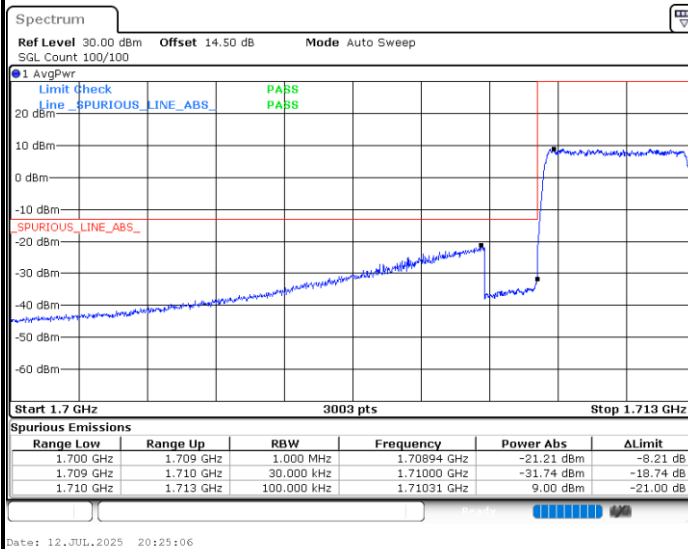
## Lowest Band Edge / 1 RB



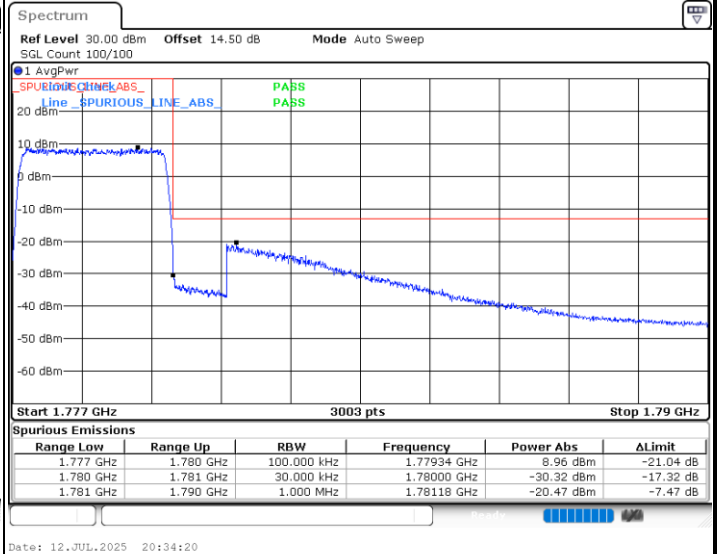
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



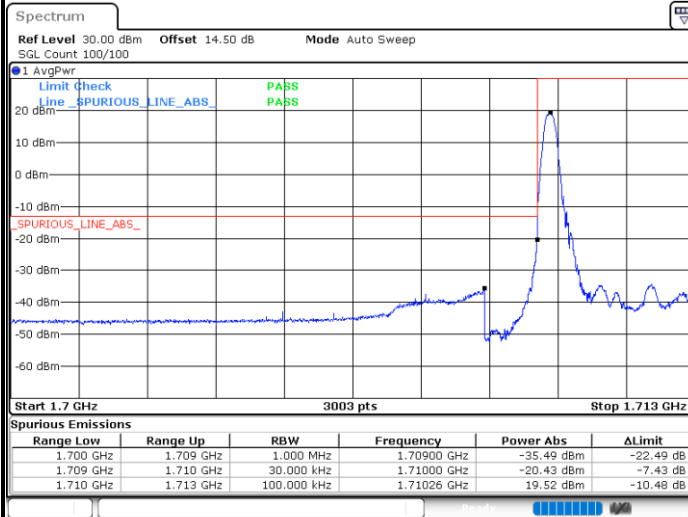
## Highest Band Edge / Full RB



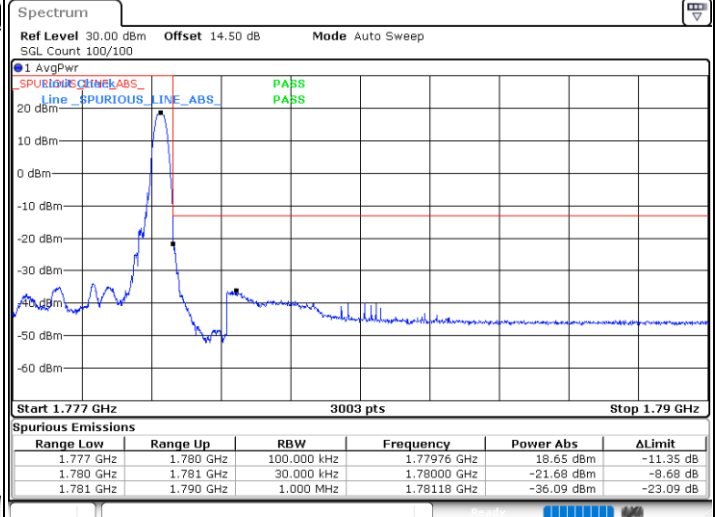


## LTE Band 66 / 3MHz / 64QAM

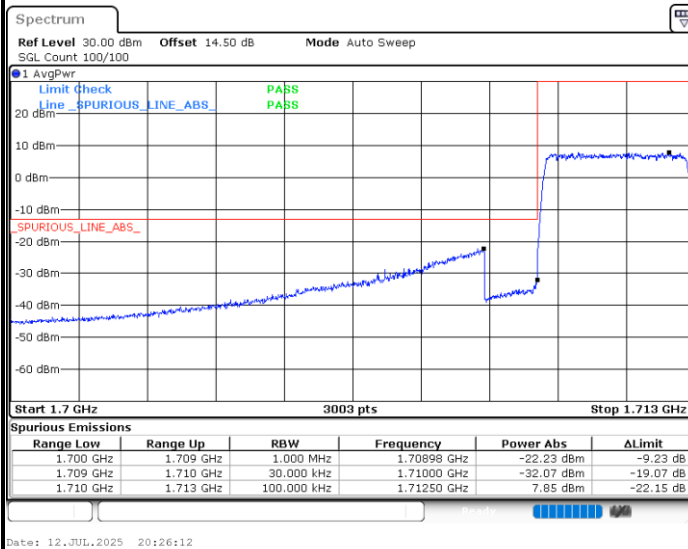
## Lowest Band Edge / 1 RB



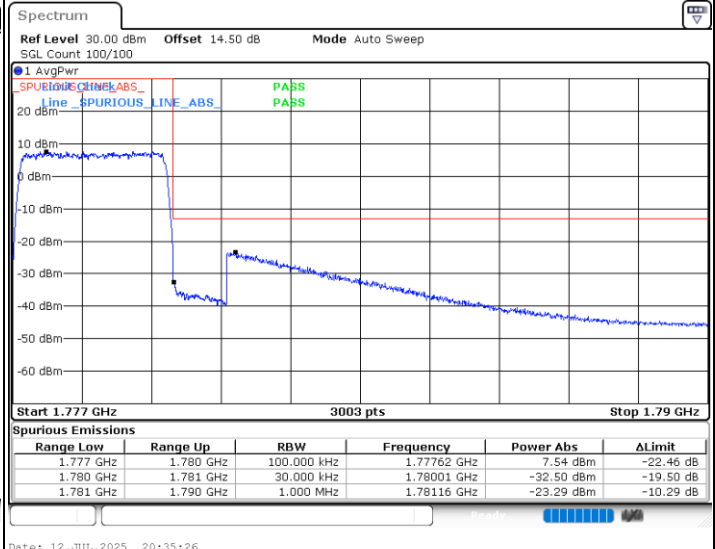
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



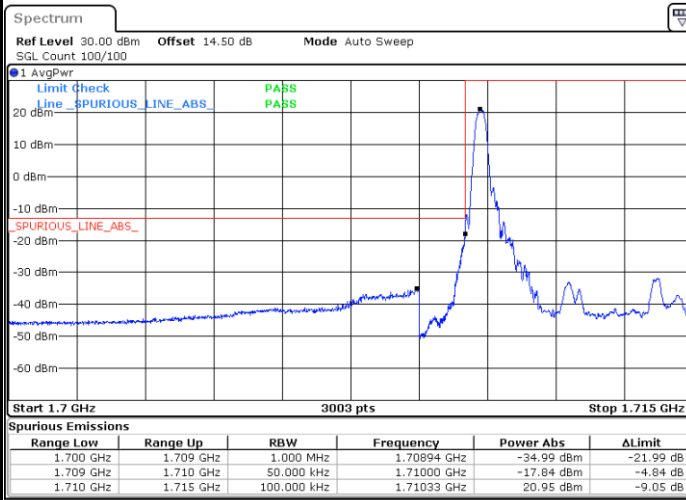
## Highest Band Edge / Full RB



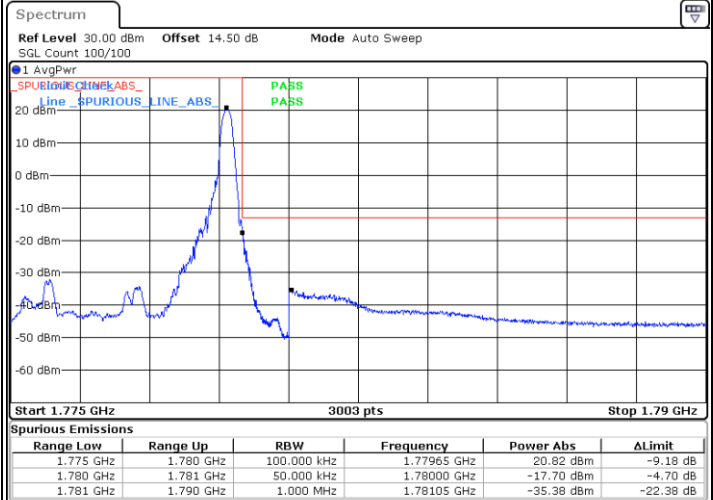


## LTE Band 66 / 5MHz / QPSK

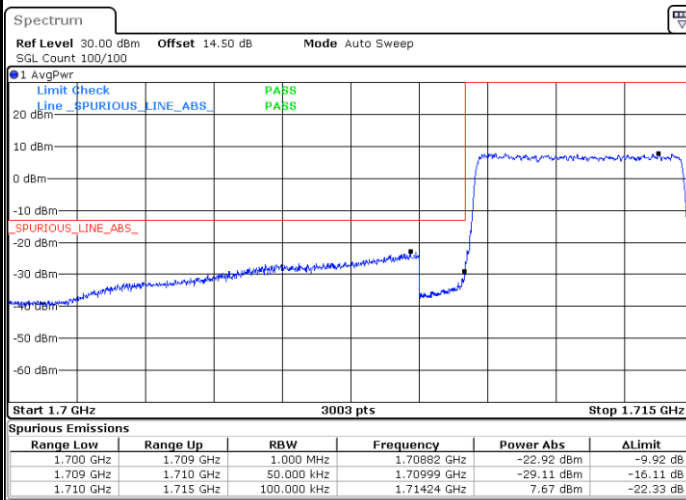
## Lowest Band Edge / 1RB



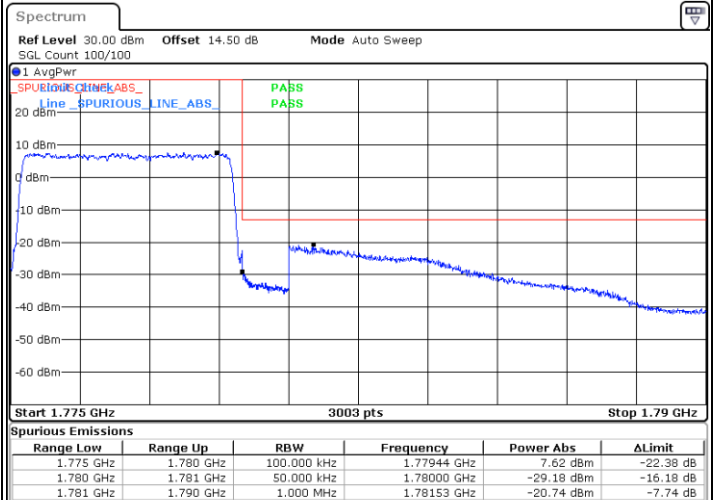
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



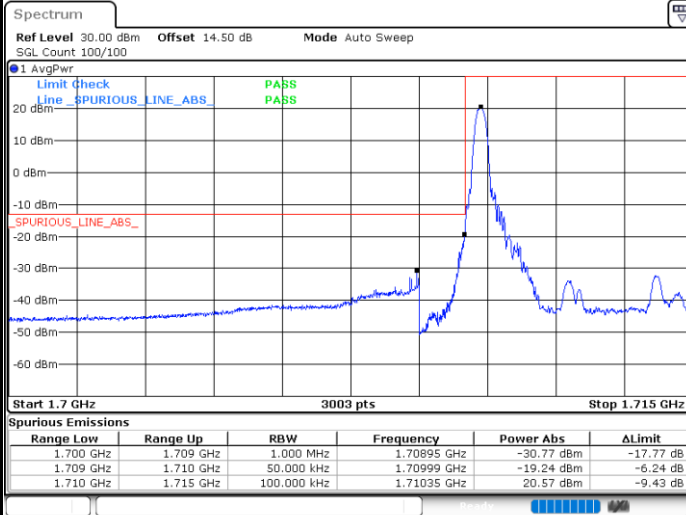
## Highest Band Edge / Full RB



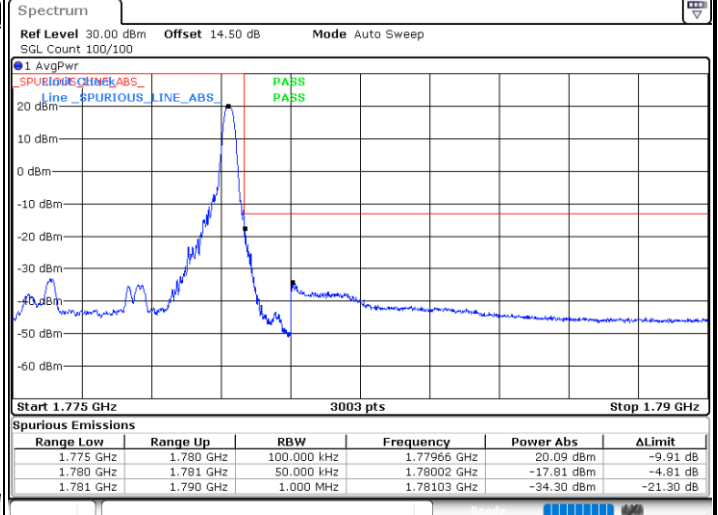


## LTE Band 66 / 5MHz / 16QAM

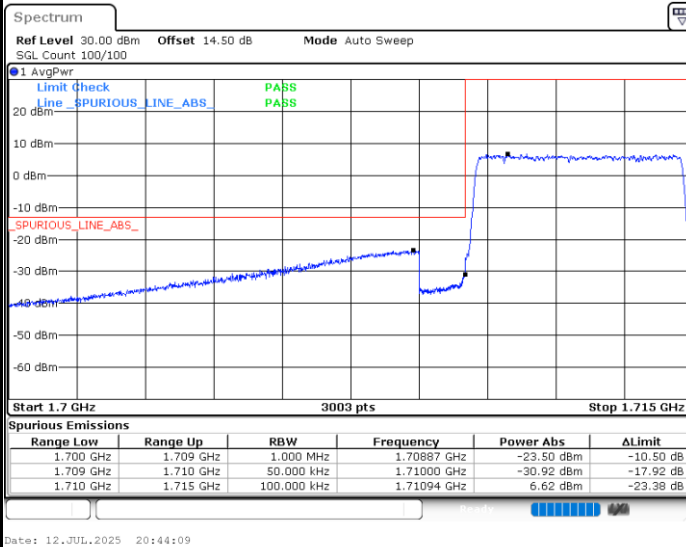
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

