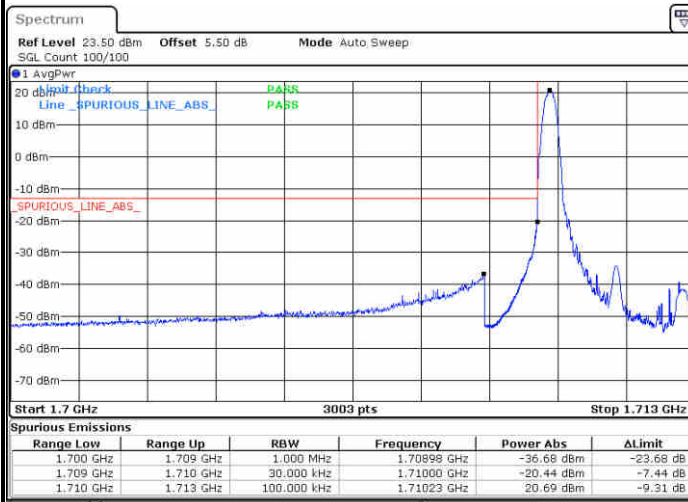


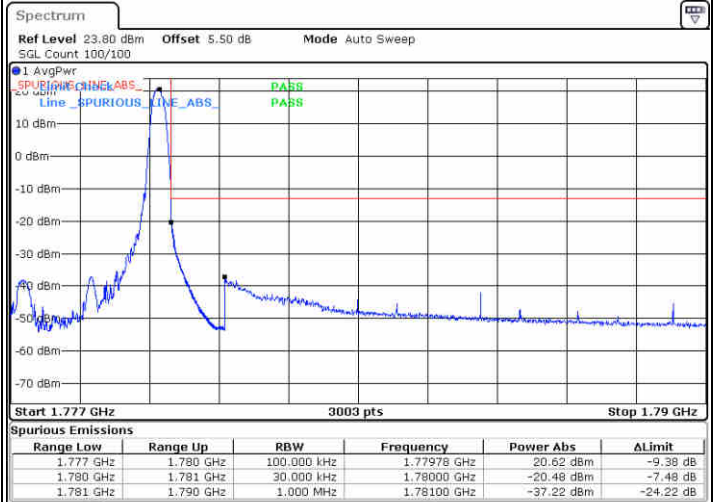


## LTE Band 66 / 3MHz / 16QAM

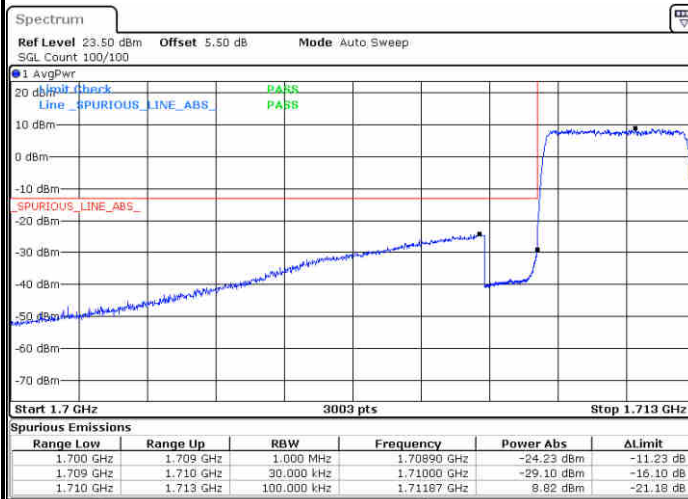
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



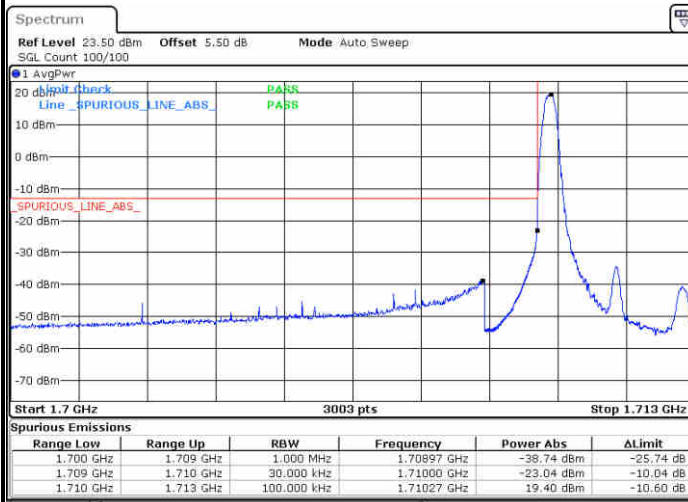
## Highest Band Edge / Full RB



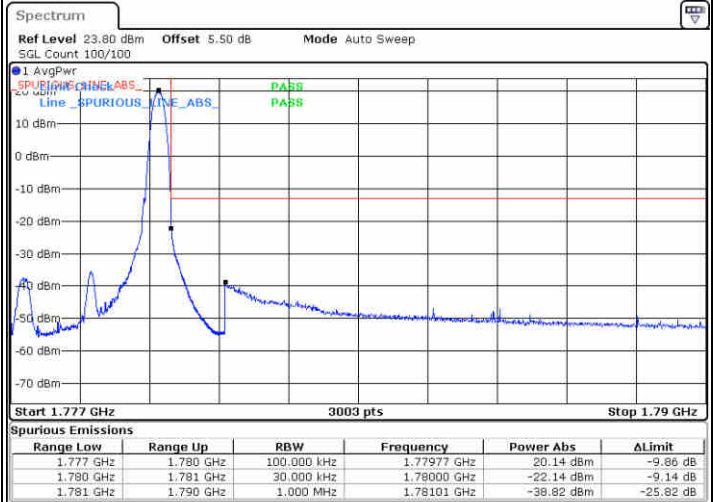


## LTE Band 66 / 3MHz / 64QAM

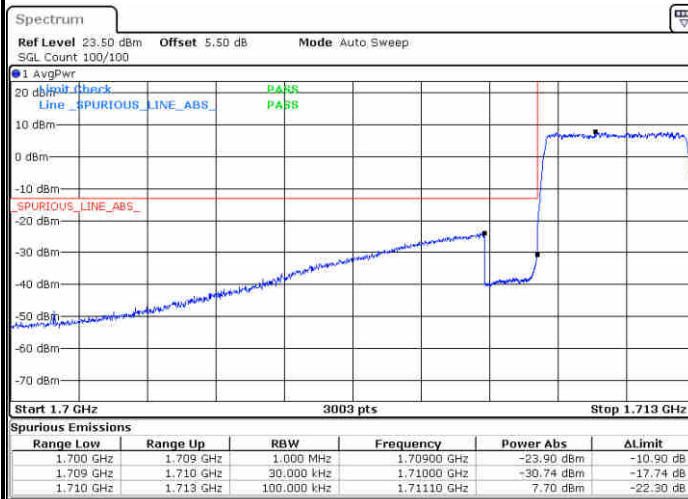
## Lowest Band Edge / 1 RB



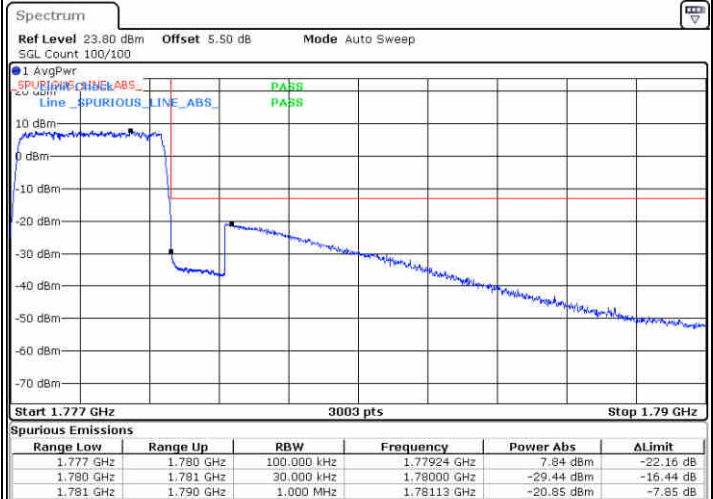
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



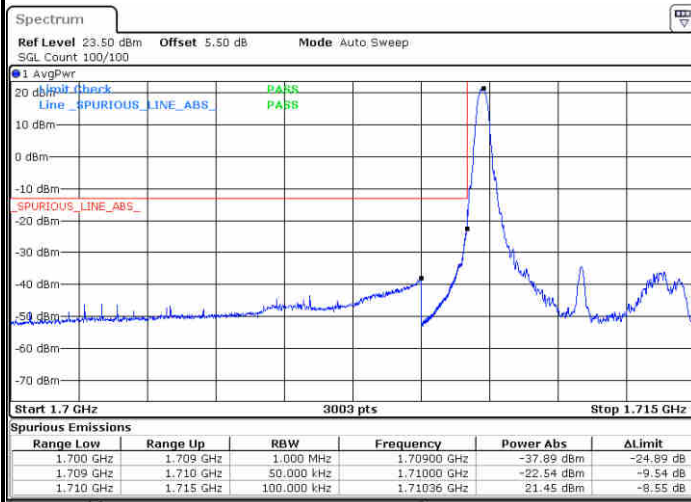
## Highest Band Edge / Full RB



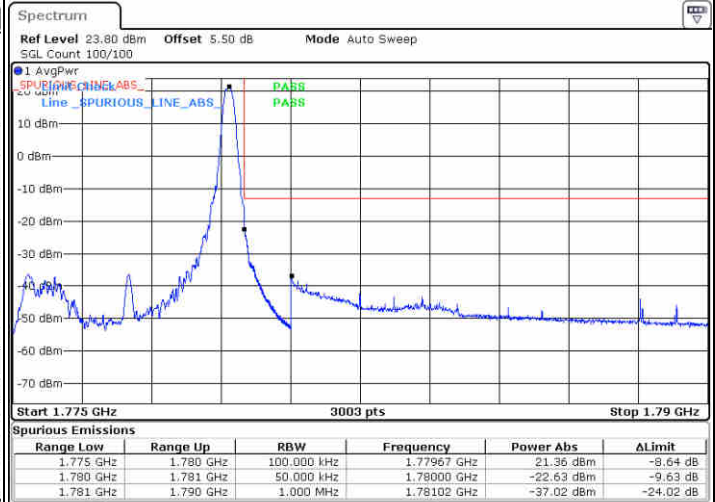


## LTE Band 66 / 5MHz / QPSK

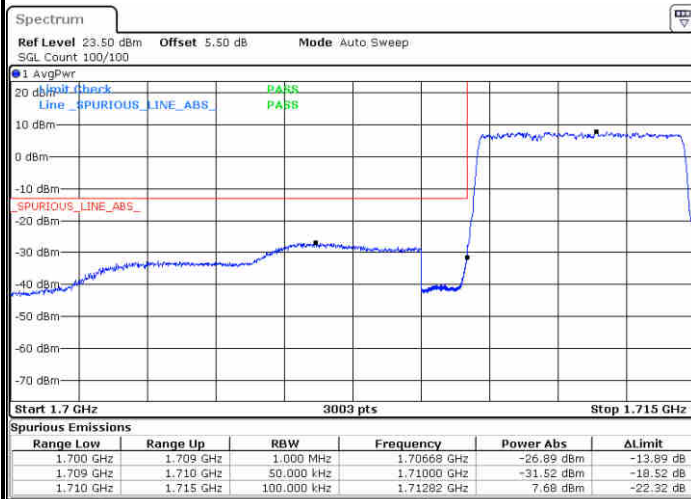
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



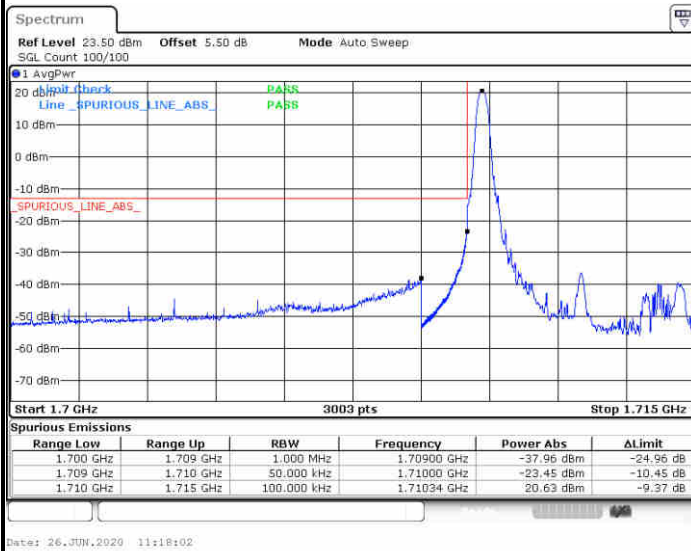
## Highest Band Edge / Full RB



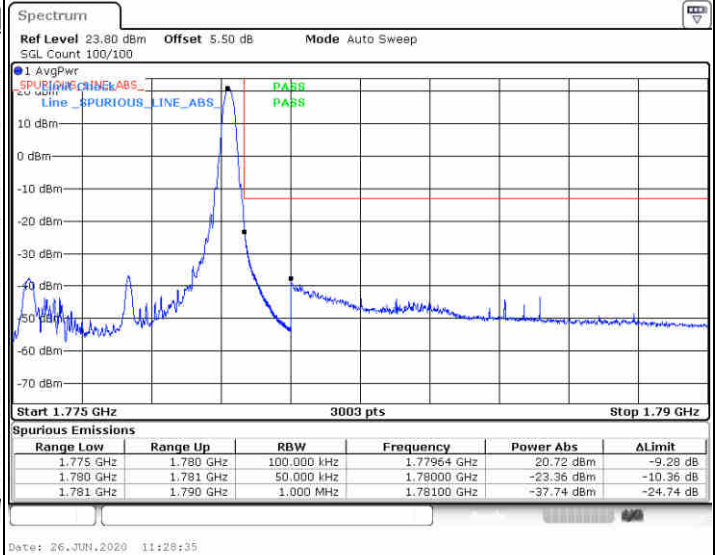


## LTE Band 66 / 5MHz / 16QAM

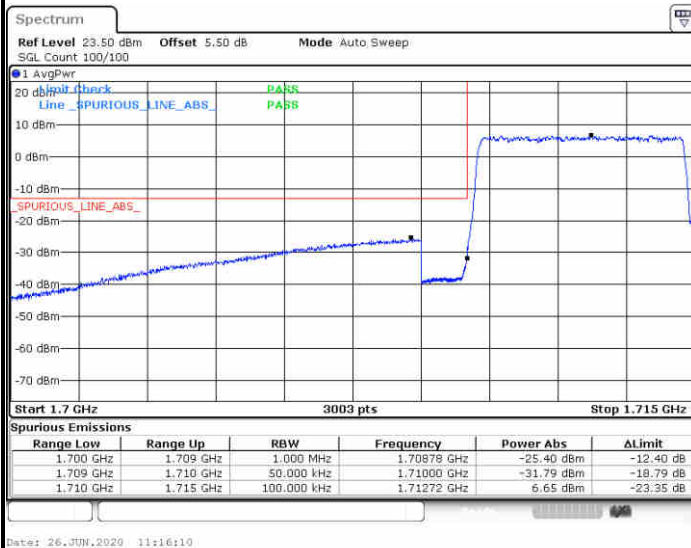
## Lowest Band Edge / 1RB



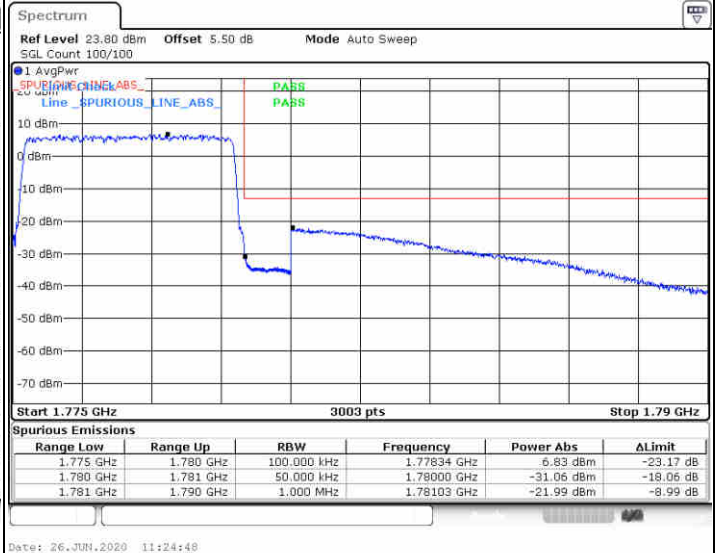
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



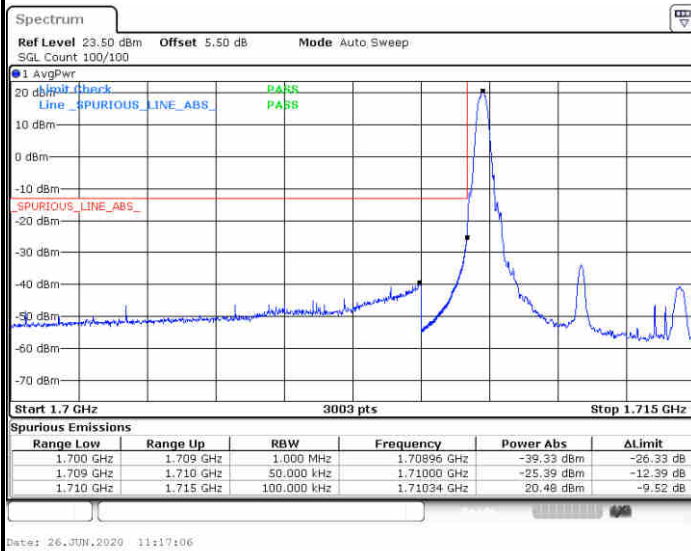
## Highest Band Edge / Full RB



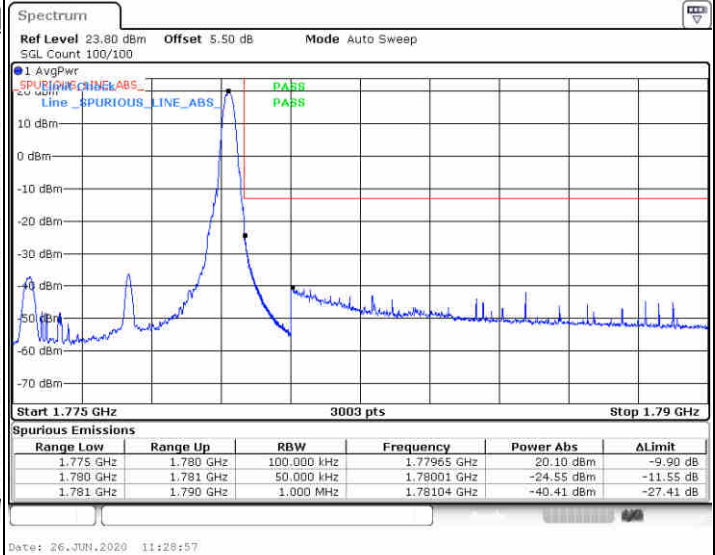


## LTE Band 66 / 5MHz / 64QAM

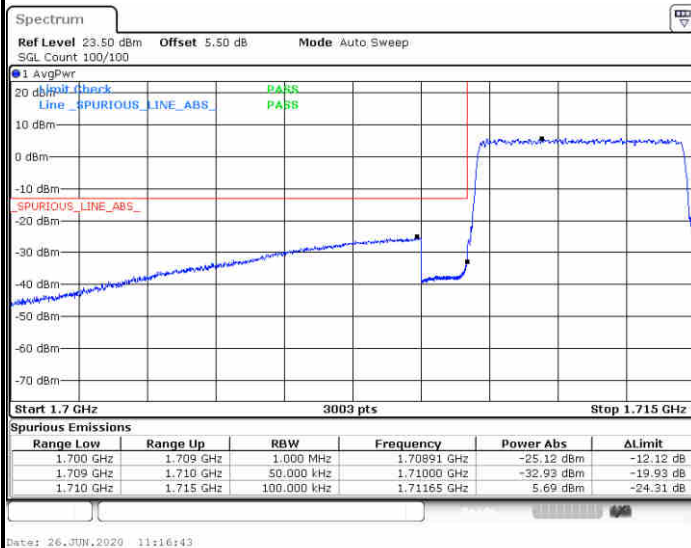
## Lowest Band Edge / 1RB



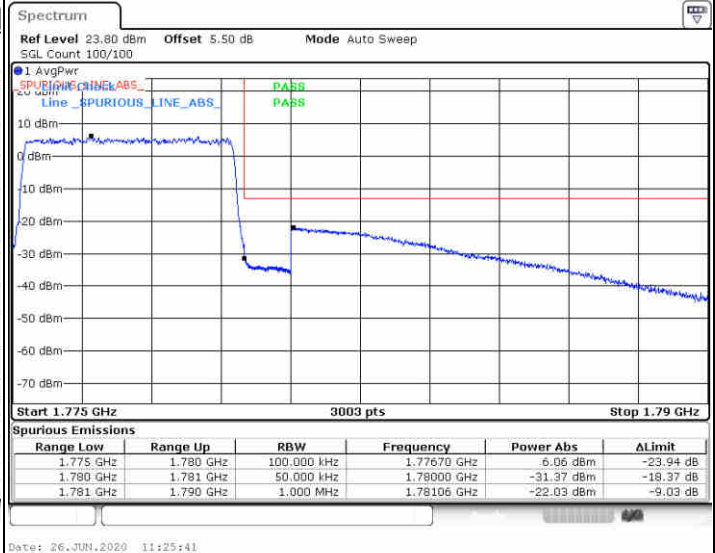
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



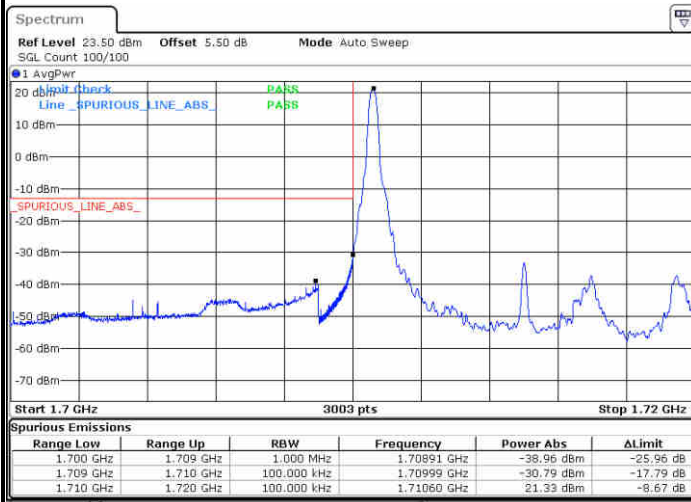
## Highest Band Edge / Full RB



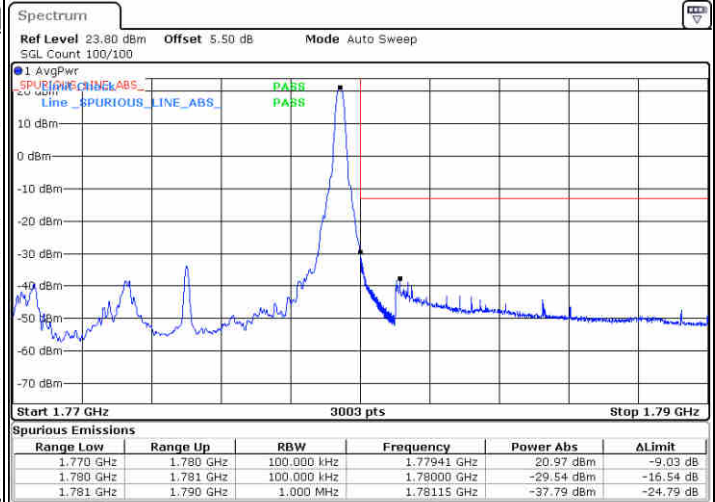


## LTE Band 66 / 10MHz / QPSK

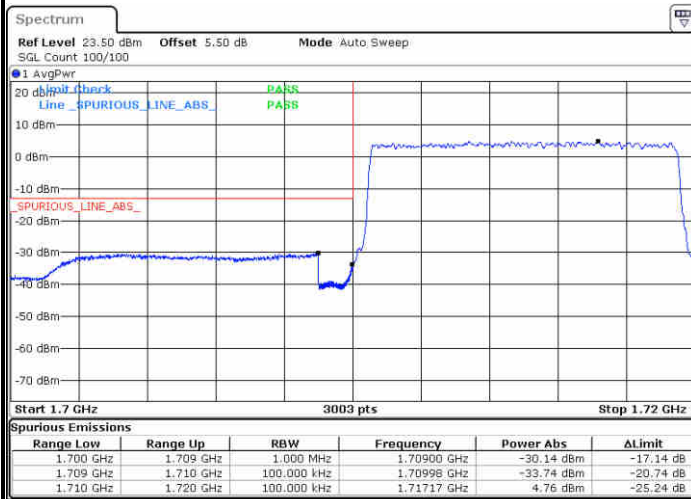
## Lowest Band Edge / 1 RB



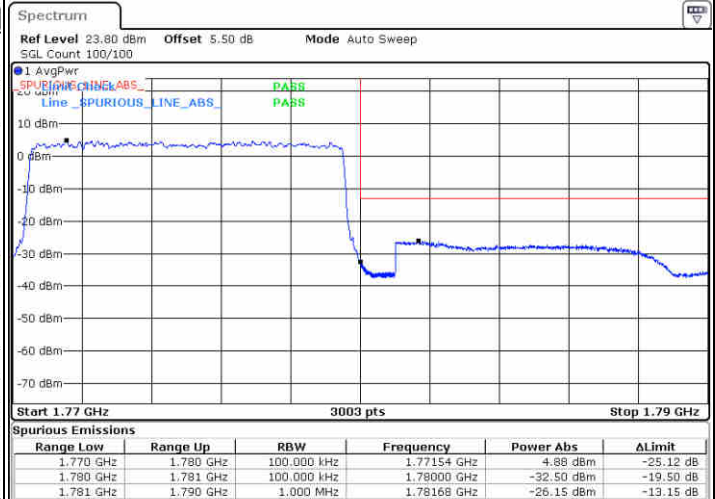
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



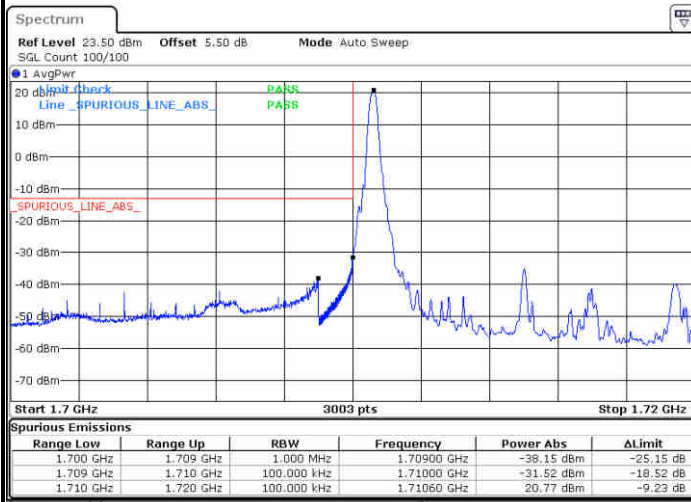
## Highest Band Edge / Full RB



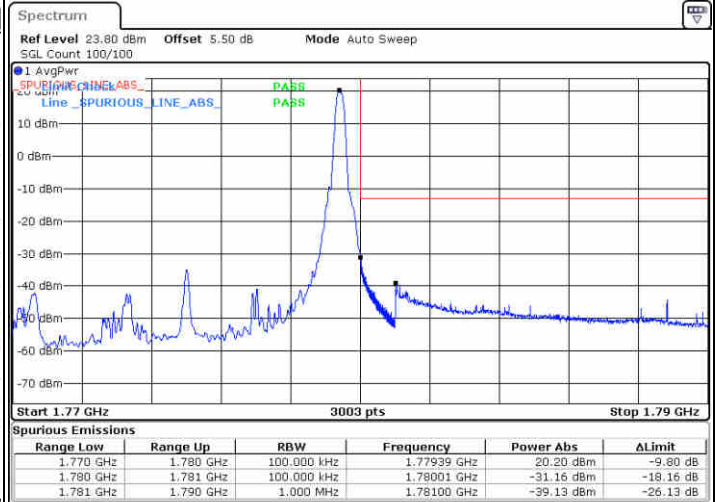


## LTE Band 66 / 10MHz / 16QAM

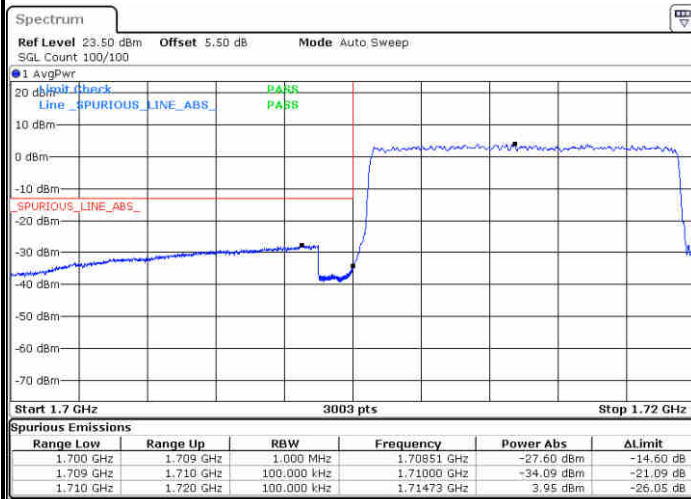
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



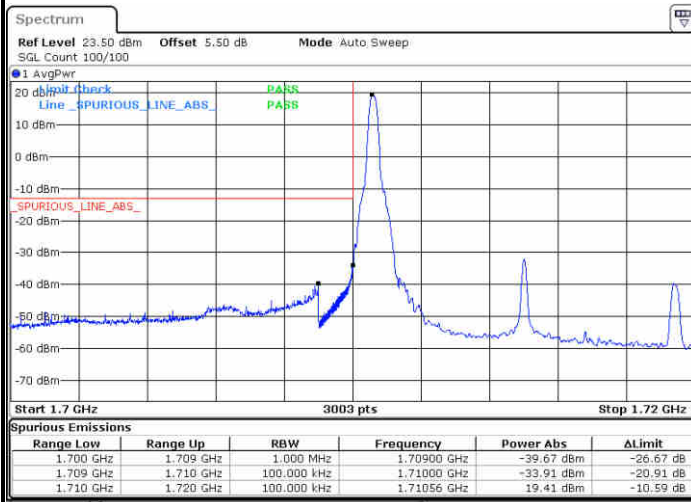
## Highest Band Edge / Full RB



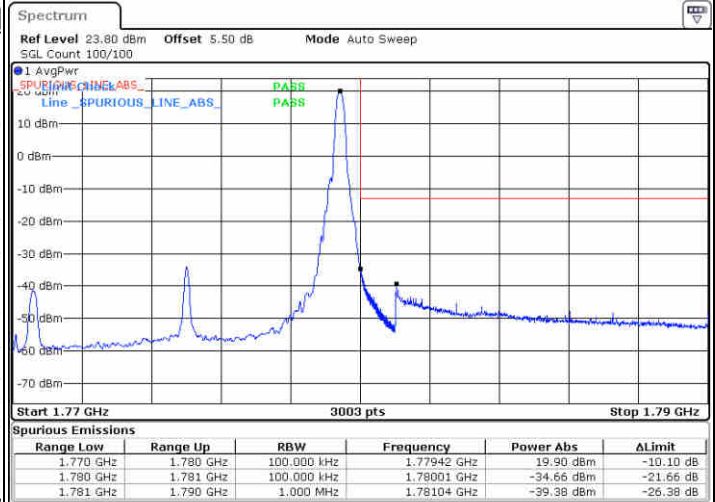


## LTE Band 66 / 10MHz / 64QAM

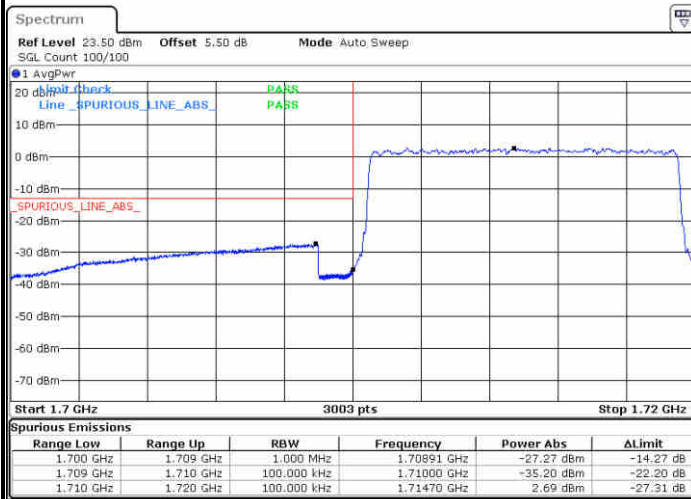
## Lowest Band Edge / 1 RB



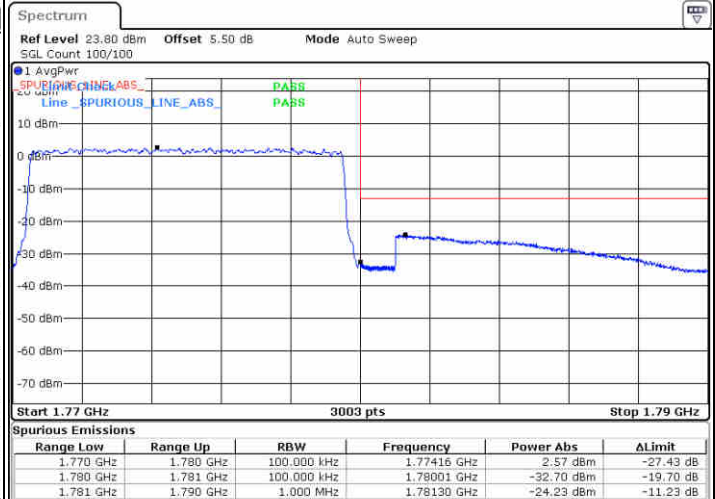
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



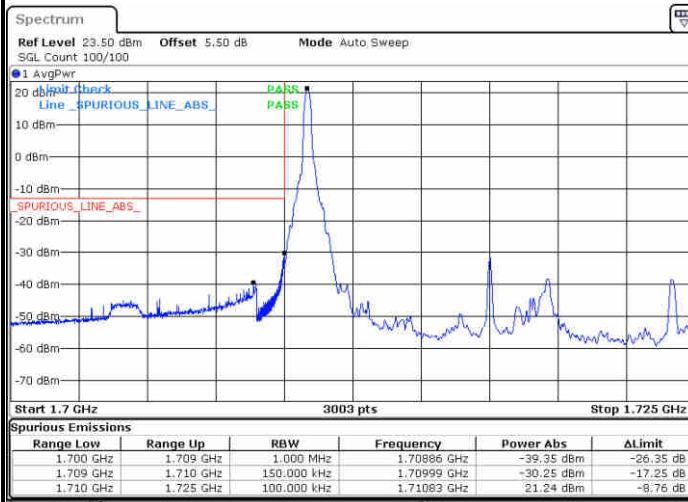
## Highest Band Edge / Full RB



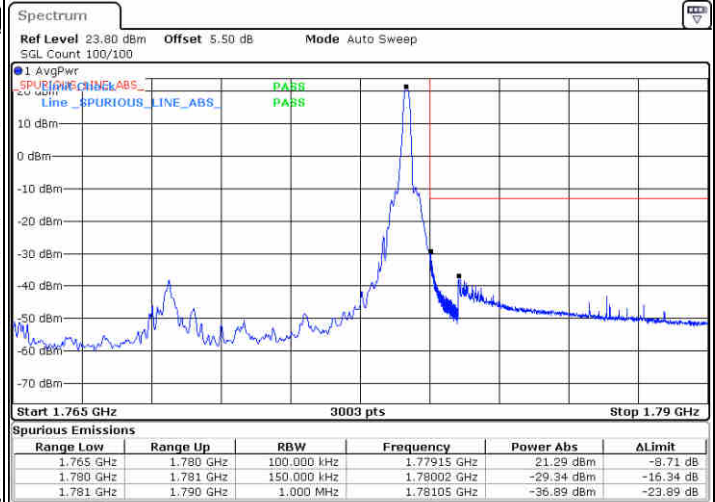


## LTE Band 66 / 15MHz / QPSK

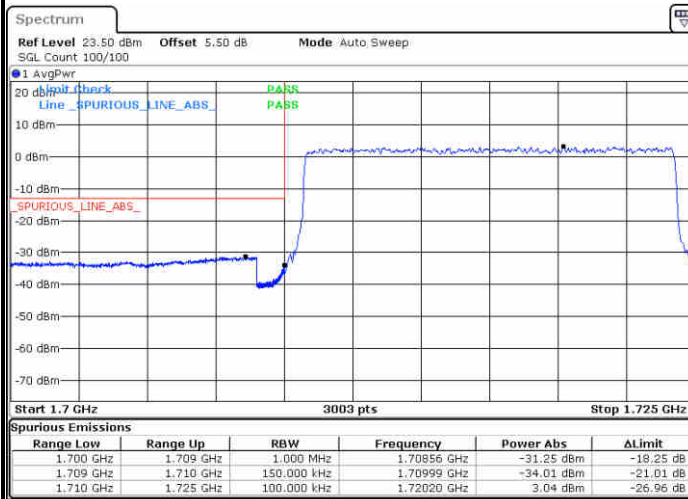
## Lowest Band Edge / 1 RB



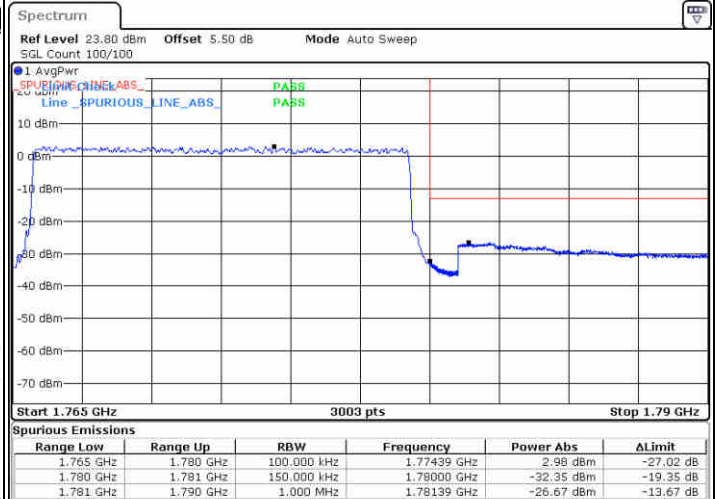
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



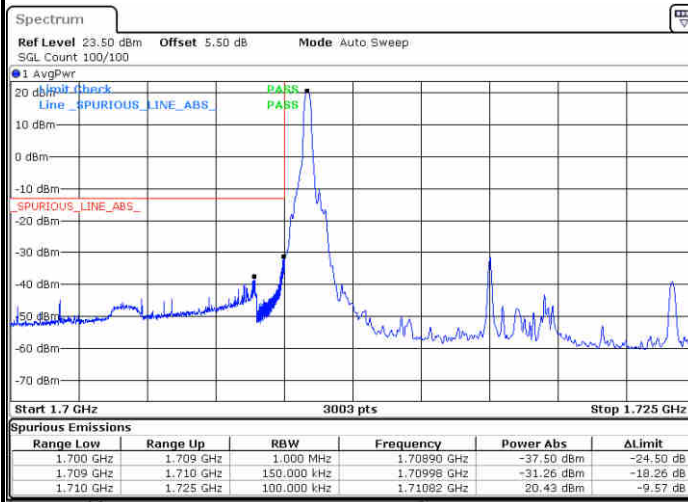
## Highest Band Edge / Full RB



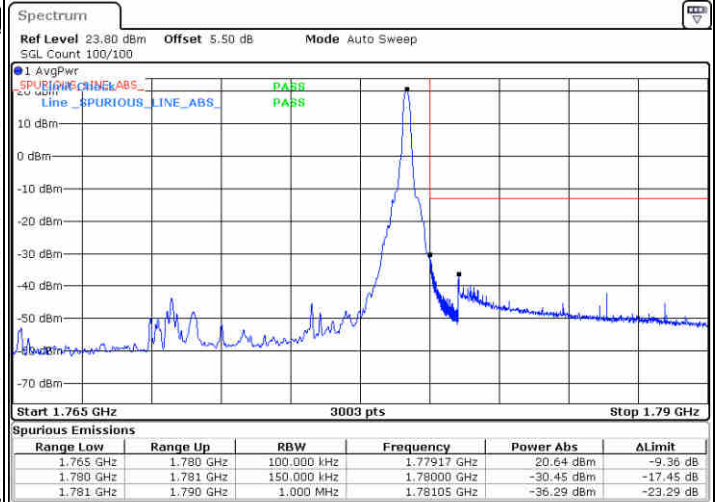


## LTE Band 66 / 15MHz / 16QAM

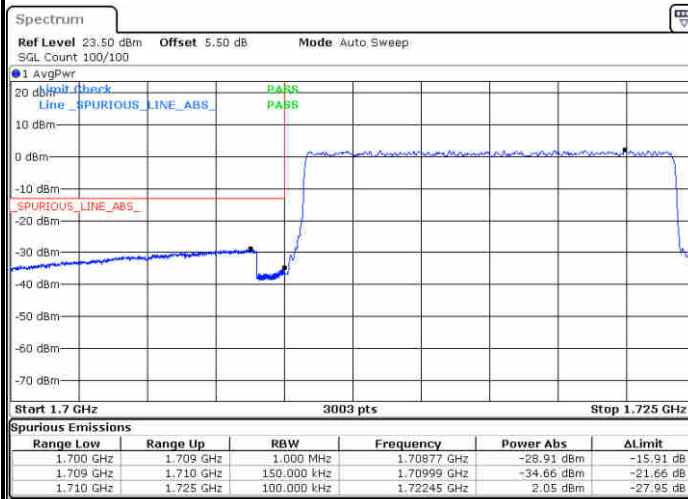
## Lowest Band Edge / 1 RB



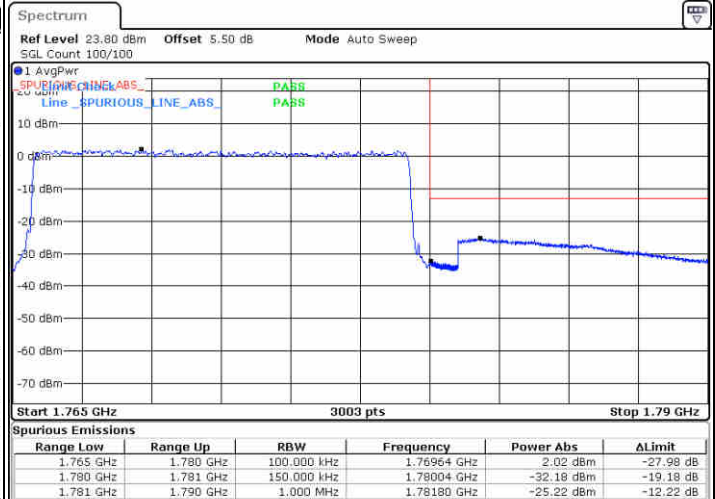
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



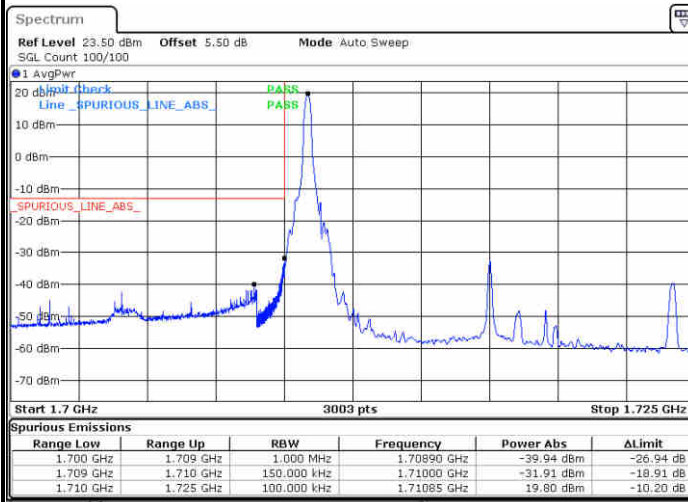
## Highest Band Edge / Full RB



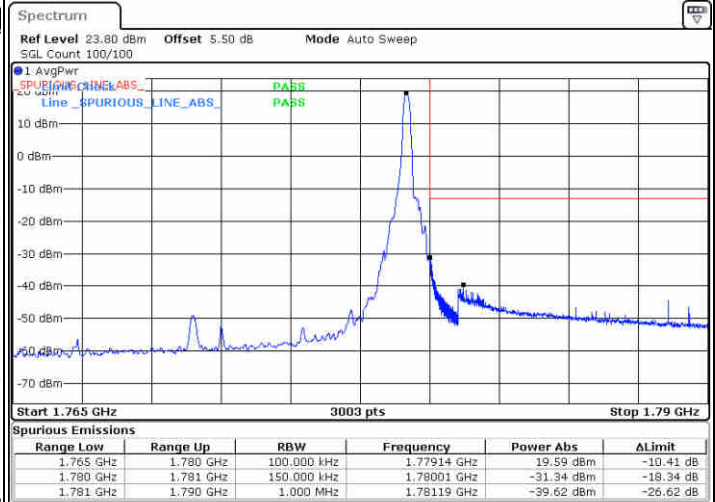


## LTE Band 66 / 15MHz / 64QAM

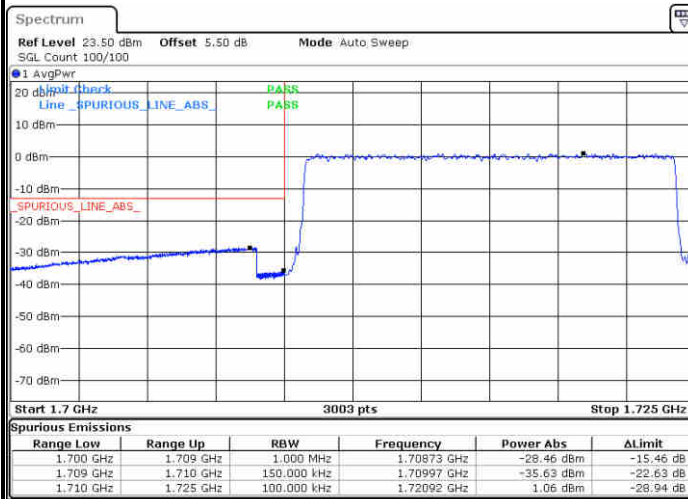
## Lowest Band Edge / 1 RB



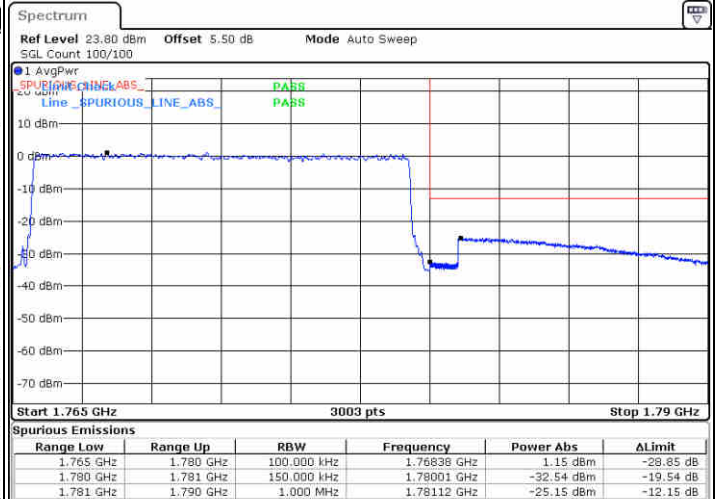
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



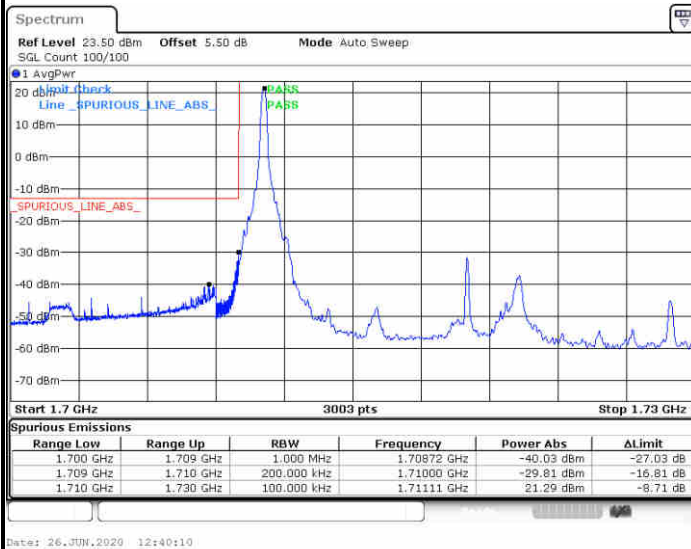
## Highest Band Edge / Full RB



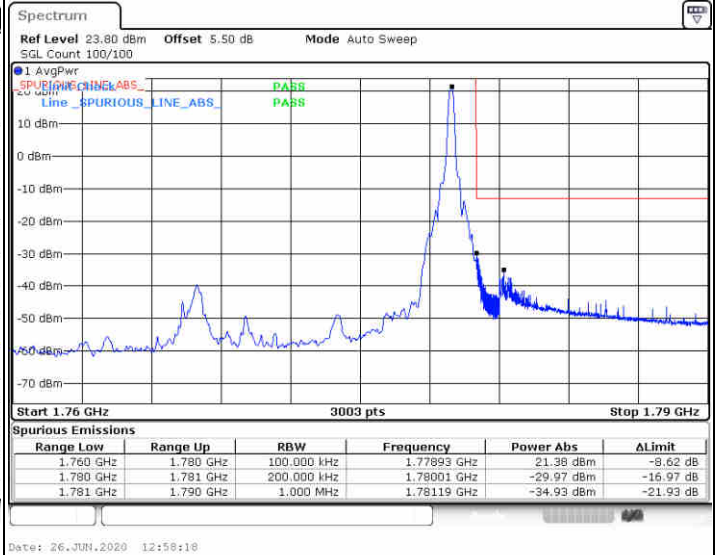


## LTE Band 66 / 20MHz / QPSK

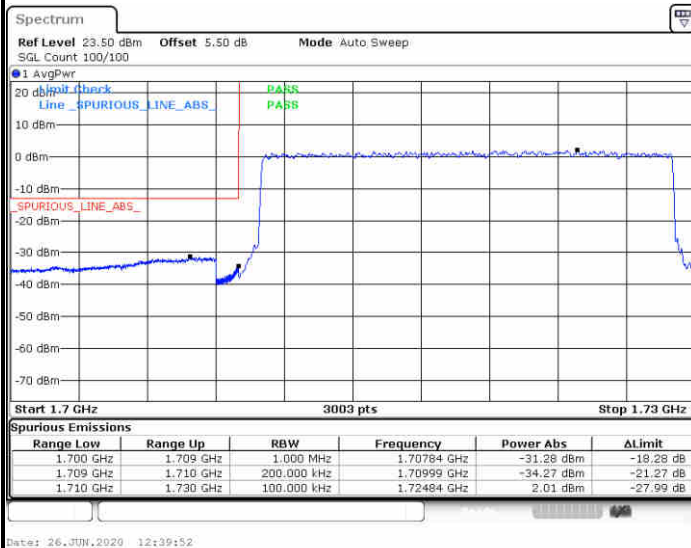
## Lowest Band Edge / 1 RB



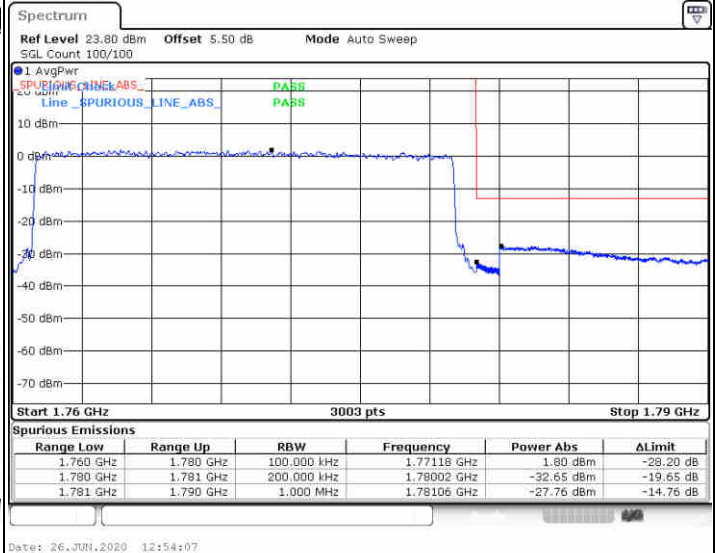
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



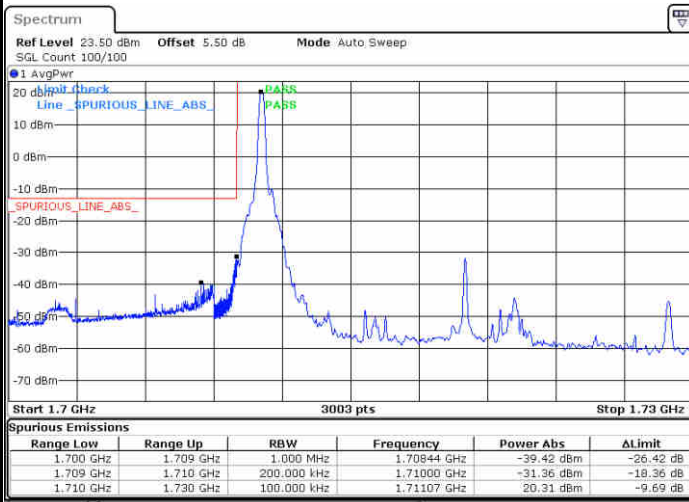
## Highest Band Edge / Full RB



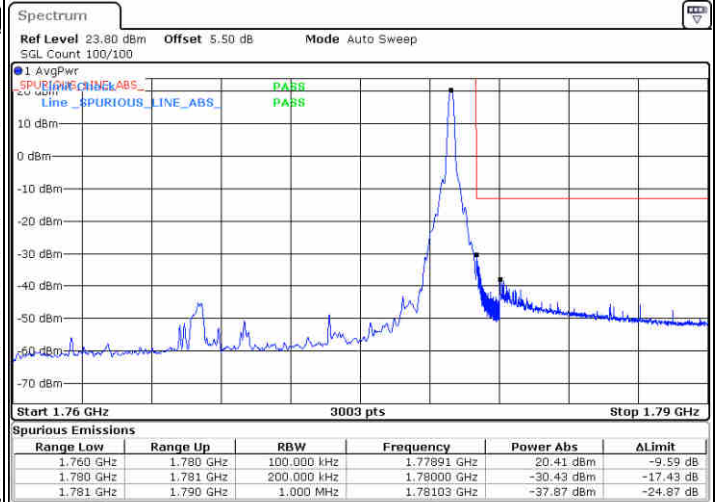


## LTE Band 66 / 20MHz / 16QAM

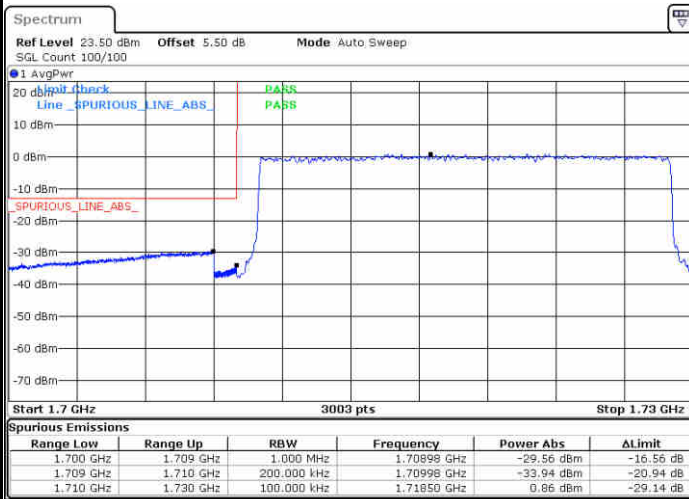
## Lowest Band Edge / 1 RB



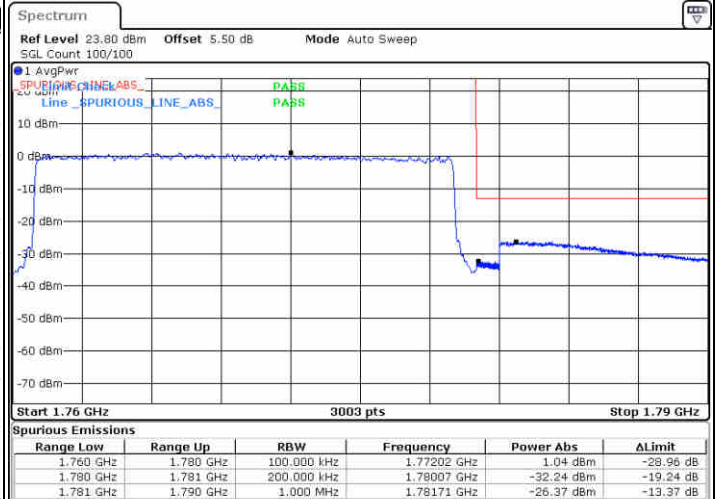
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



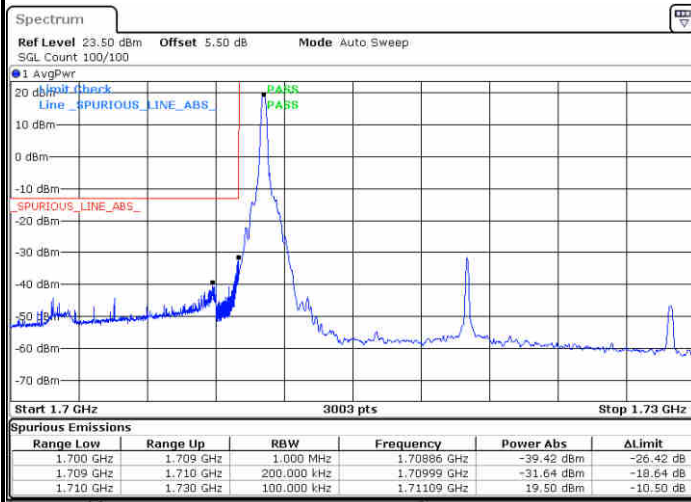
## Highest Band Edge / Full RB



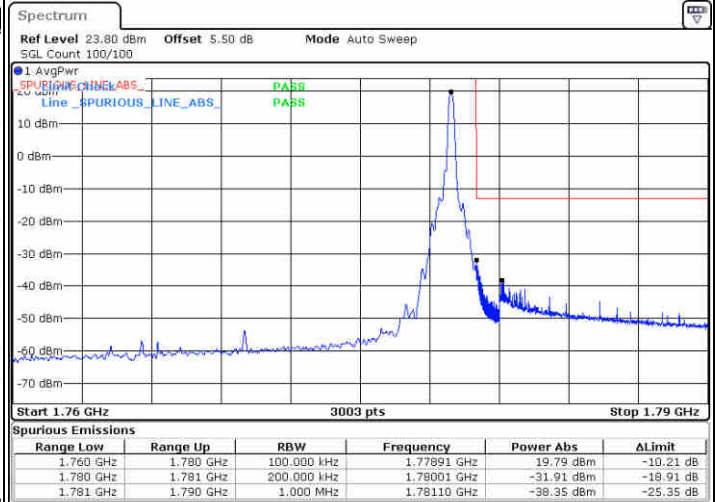


## LTE Band 66 / 20MHz / 64QAM

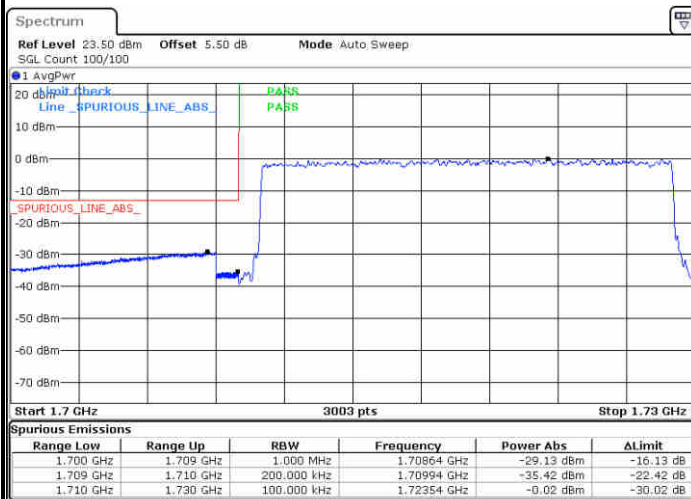
## Lowest Band Edge / 1 RB



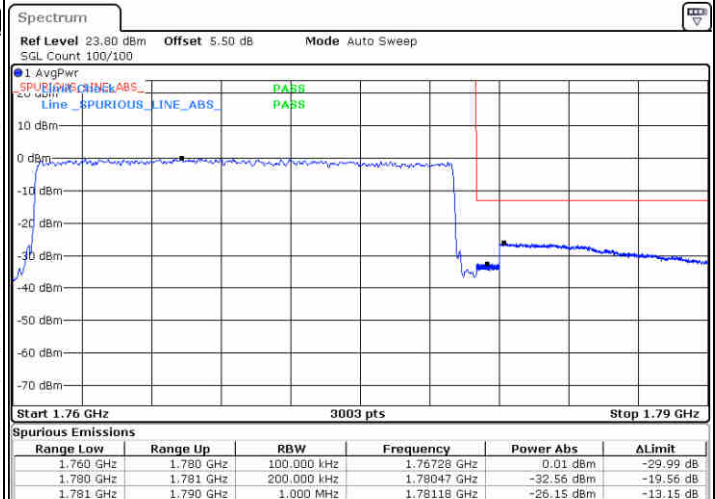
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



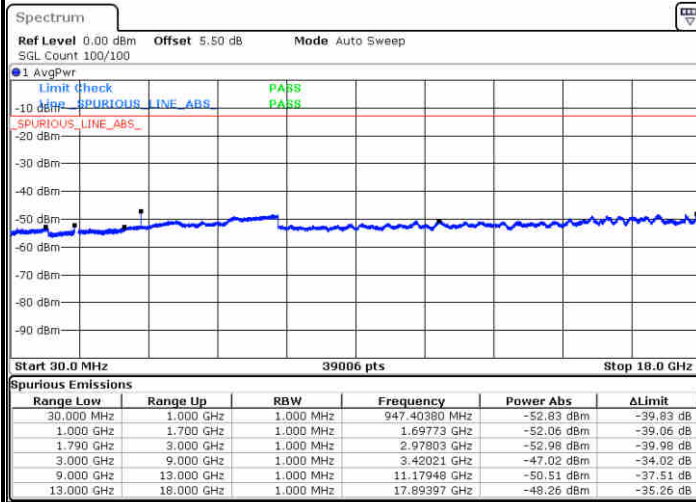


## **Conducted Spurious Emission**



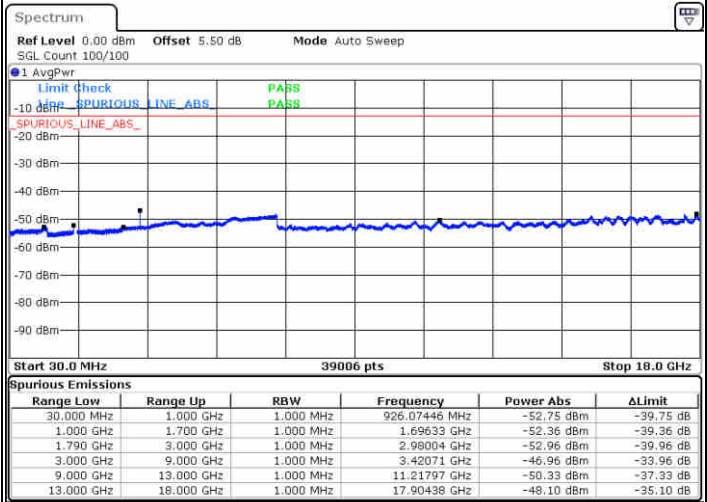
## LTE Band 66 / 1.4MHz

## Lowest Channel / QPSK



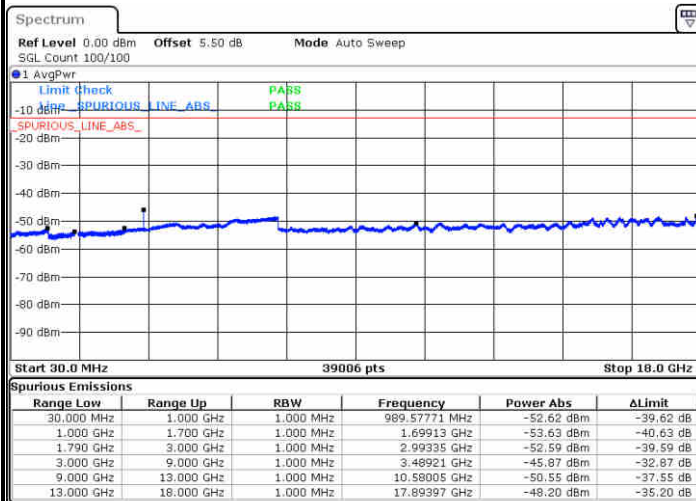
Date: 26 JUN 2020 11:47:37

## Lowest Channel / 16QAM



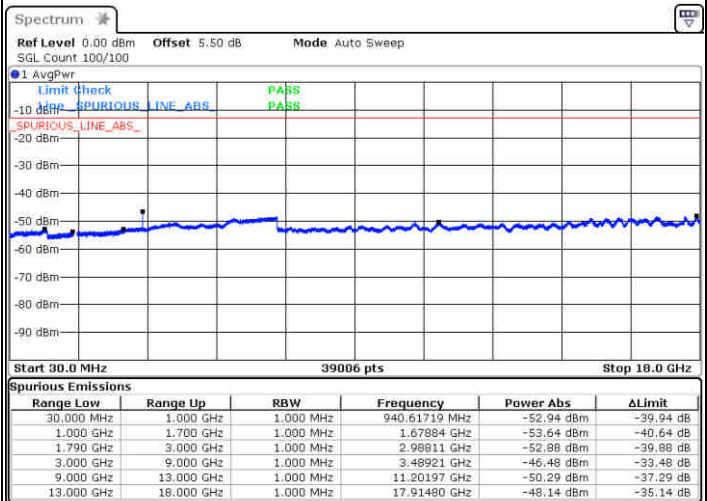
Date: 26 JUN 2020 11:45:51

## Middle Channel / QPSK



Date: 26 JUN 2020 11:48:45

## Middle Channel / 16QAM

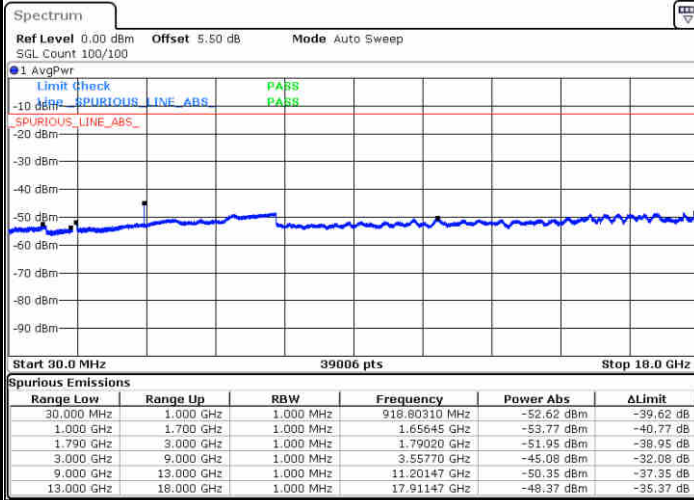


Date: 26 JUN 2020 11:50:00



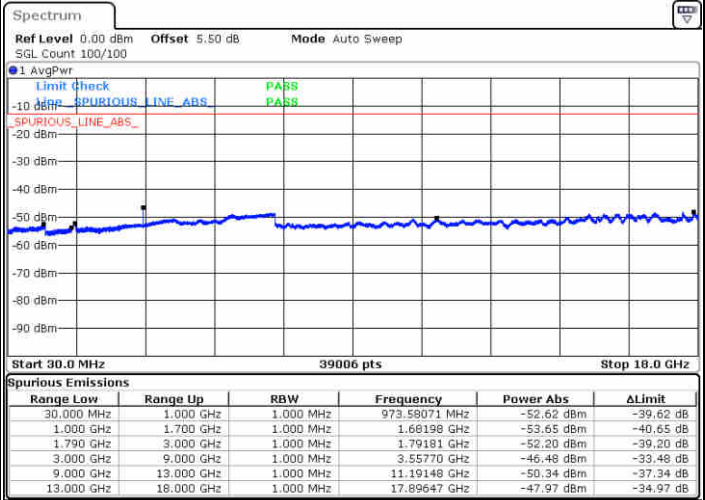
## LTE Band 66 / 1.4MHz

## Highest Channel / QPSK



Date: 26 JUN 2020 11:59:34

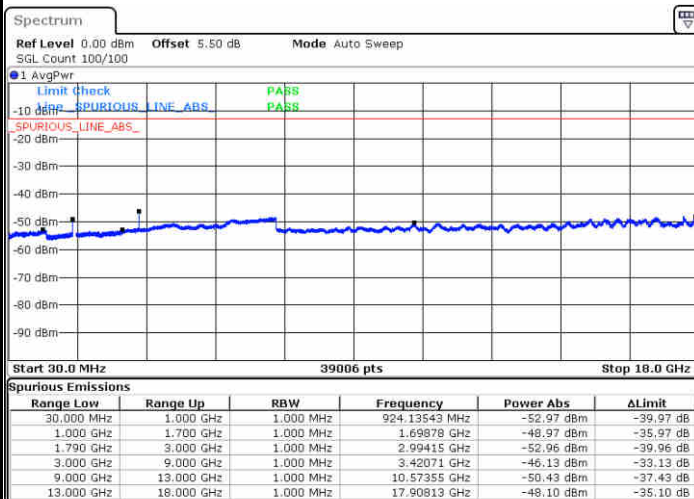
## Highest Channel / 16QAM



Date: 26 JUN 2020 11:58:09

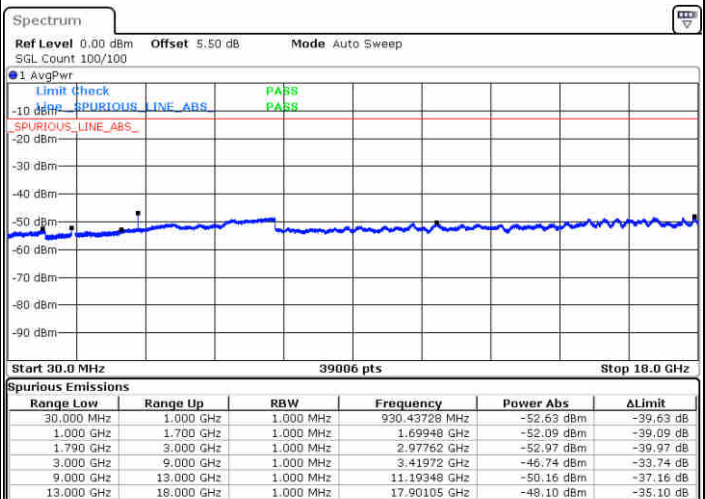
## LTE Band 66 / 3MHz

## Lowest Channel / QPSK



Date: 26 JUN 2020 12:10:21

## Lowest Channel / 16QAM

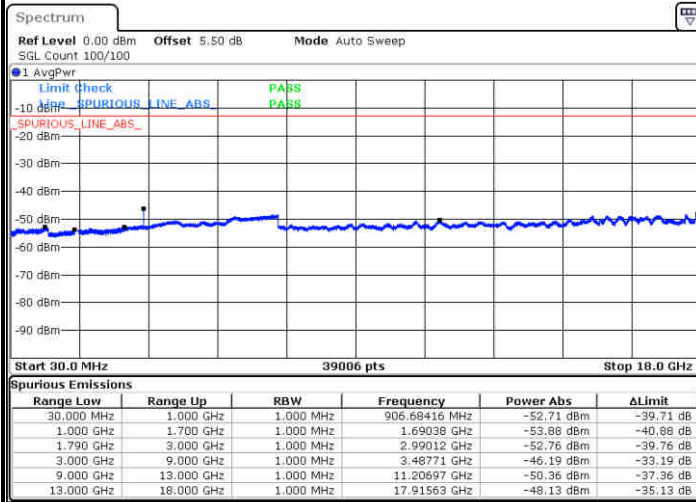


Date: 26 JUN 2020 12:11:58



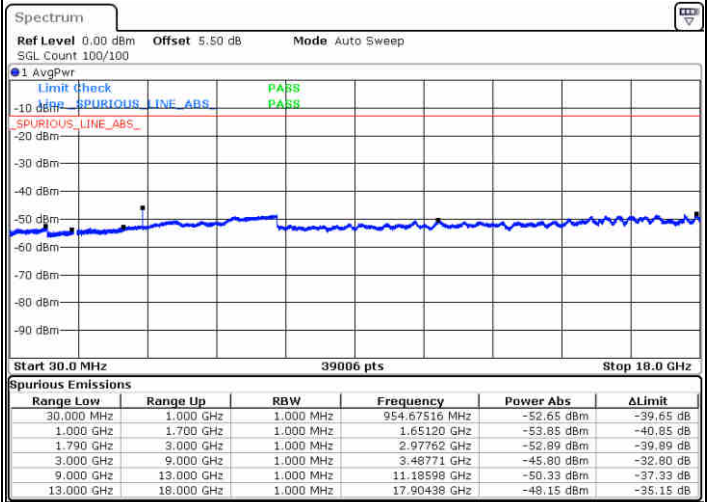
## LTE Band 66 / 3MHz

## Middle Channel / QPSK



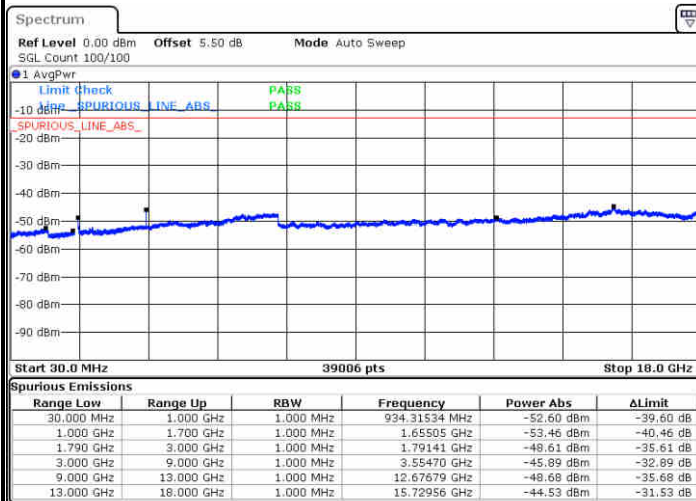
Date: 26 JUN 2020 12:16:25

## Middle Channel / 16QAM



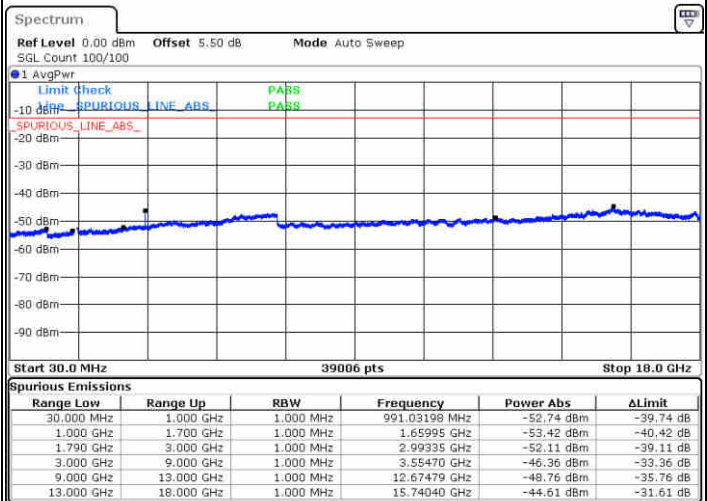
Date: 26 JUN 2020 12:15:34

## Highest Channel / QPSK



Date: 26 JUN 2020 11:10:15

## Highest Channel / 16QAM

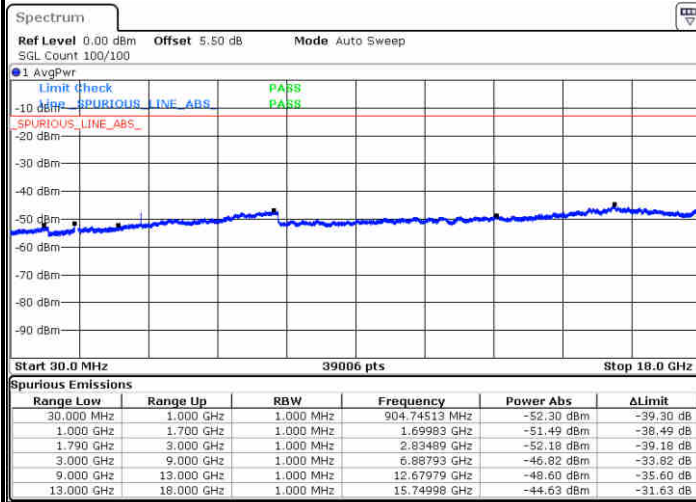


Date: 26 JUN 2020 11:11:14



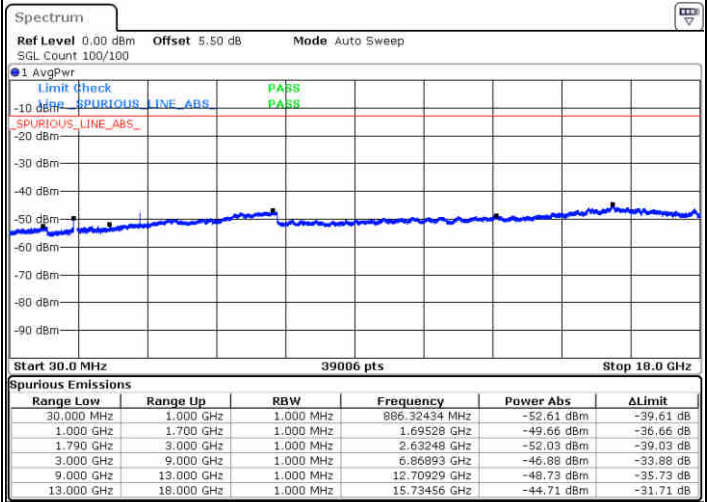
## LTE Band 66 / 5MHz

## Lowest Channel / QPSK



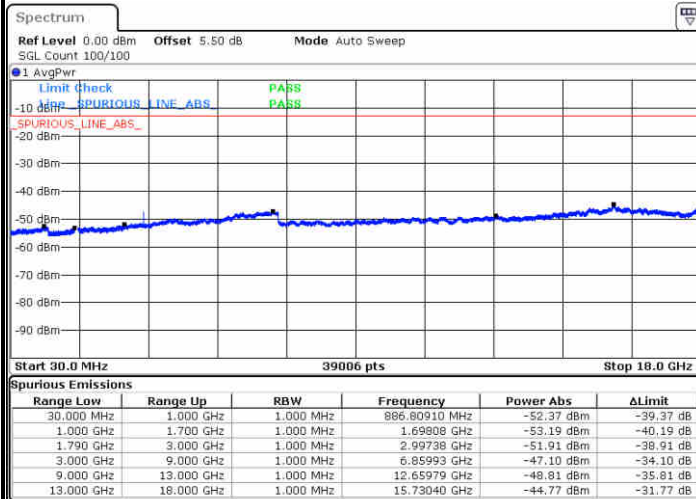
Date: 26 JUN 2020 11:20:02

## Lowest Channel / 16QAM



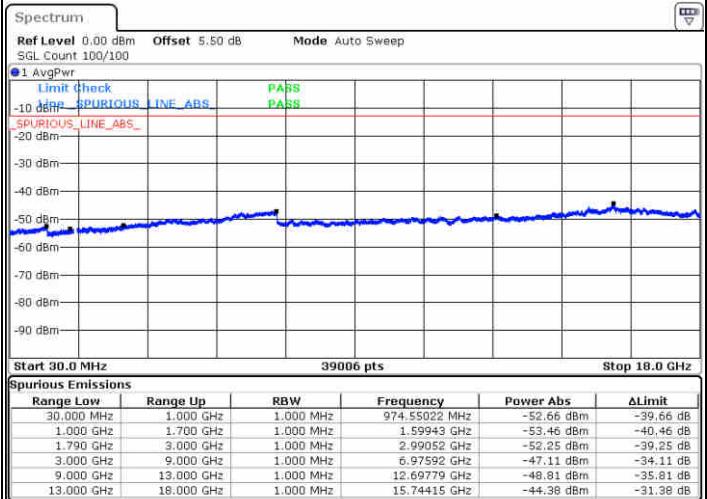
Date: 26 JUN 2020 11:18:37

## Middle Channel / QPSK



Date: 26 JUN 2020 11:21:05

## Middle Channel / 16QAM

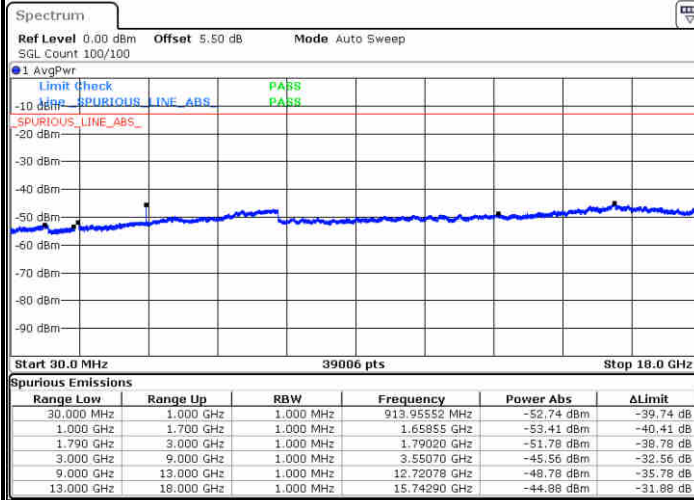


Date: 26 JUN 2020 11:21:43



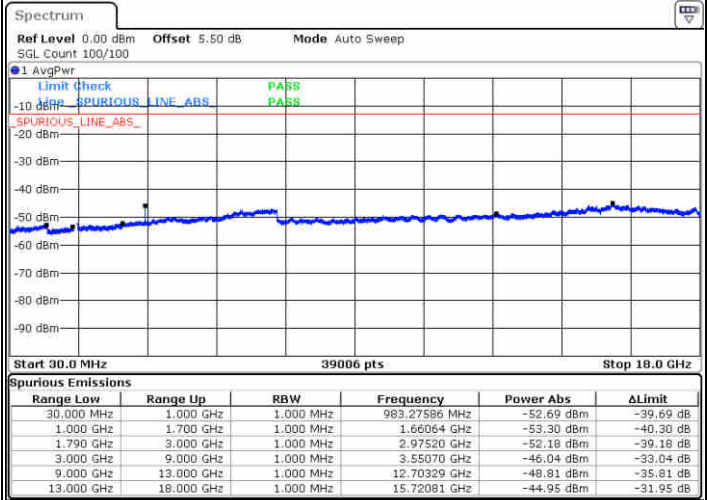
## LTE Band 66 / 5MHz

## Highest Channel / QPSK



Date: 26 JUN 2020 11:27:45

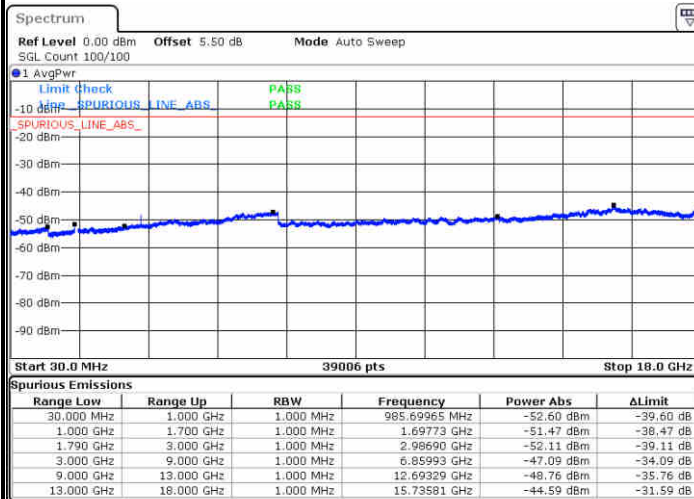
## Highest Channel / 16QAM



Date: 26 JUN 2020 11:27:08

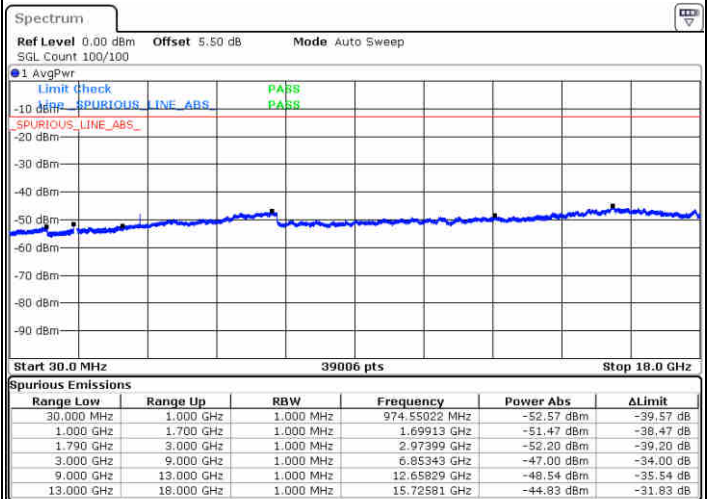
## LTE Band 66 / 10MHz

## Lowest Channel / QPSK



Date: 26 JUN 2020 11:32:07

## Lowest Channel / 16QAM

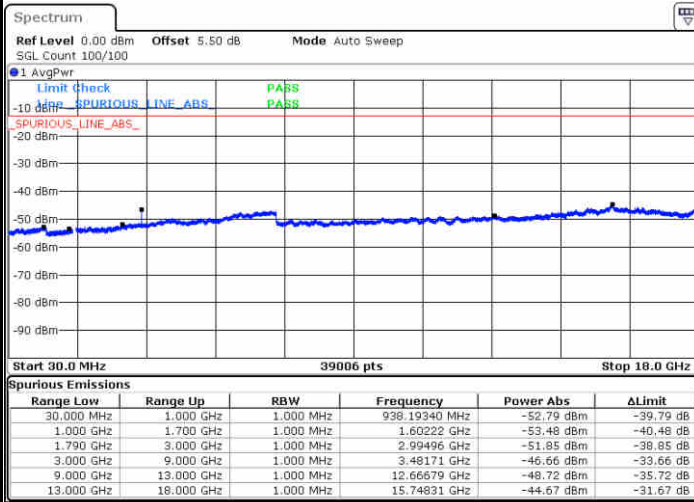


Date: 26 JUN 2020 11:32:58



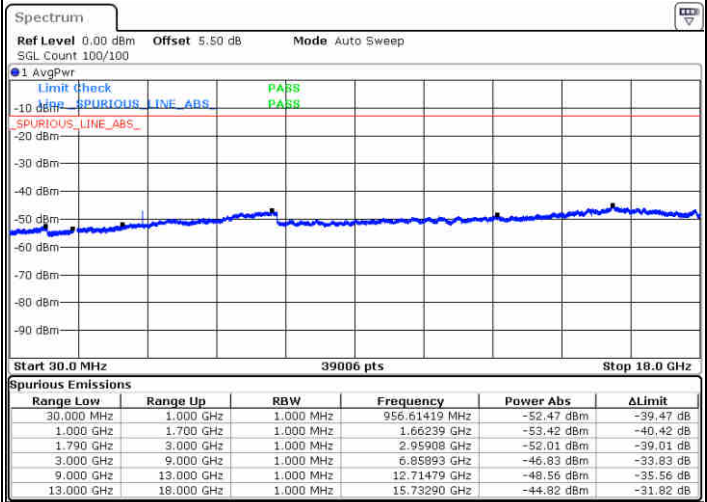
## LTE Band 66 / 10MHz

## Middle Channel / QPSK



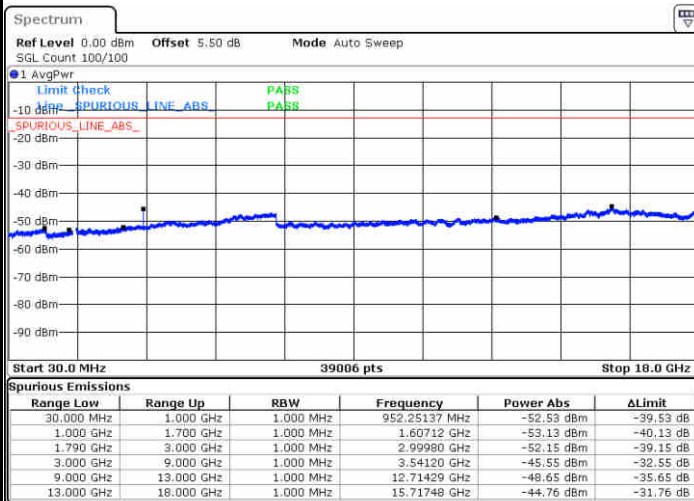
Date: 26 JUN 2020 11:36:43

## Middle Channel / 16QAM



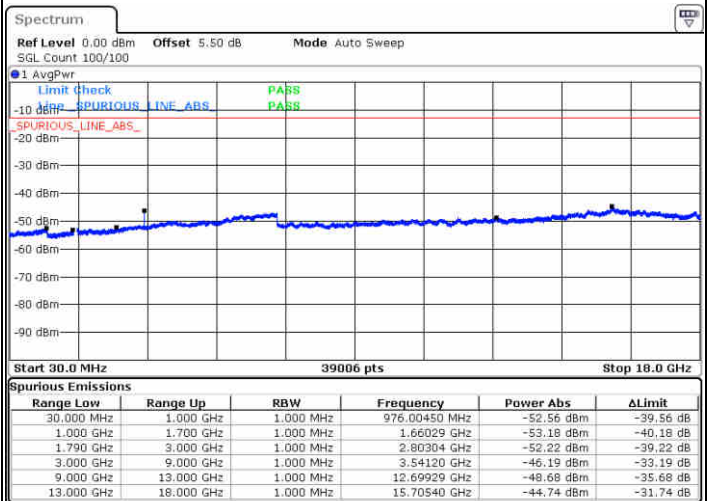
Date: 26 JUN 2020 11:36:03

## Highest Channel / QPSK



Date: 26 JUN 2020 11:41:02

## Highest Channel / 16QAM

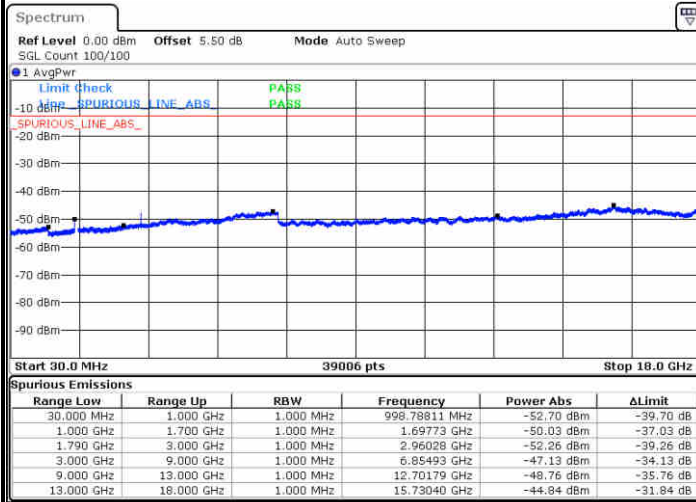


Date: 26 JUN 2020 11:41:49



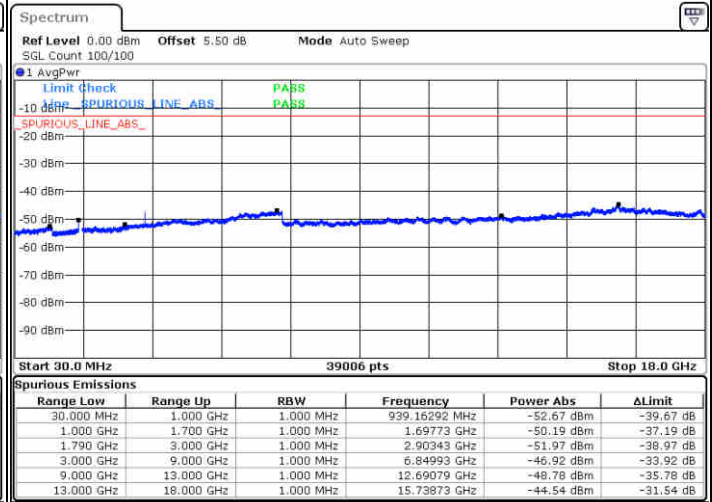
## LTE Band 66 / 15MHz

## Lowest Channel / QPSK



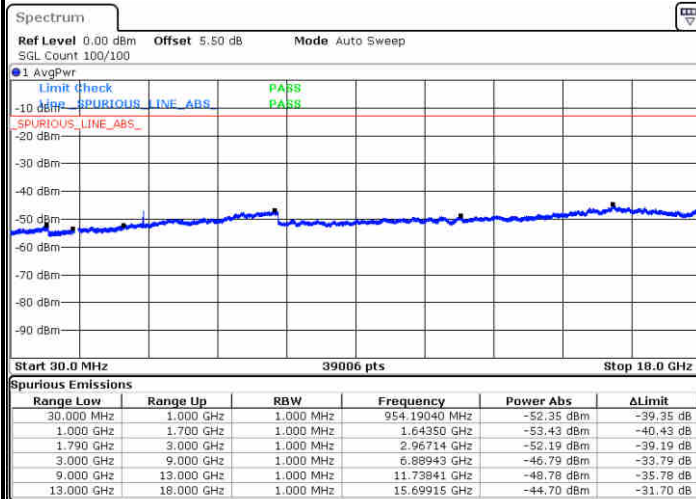
Date: 26 JUN 2020 11:50:21

## Lowest Channel / 16QAM



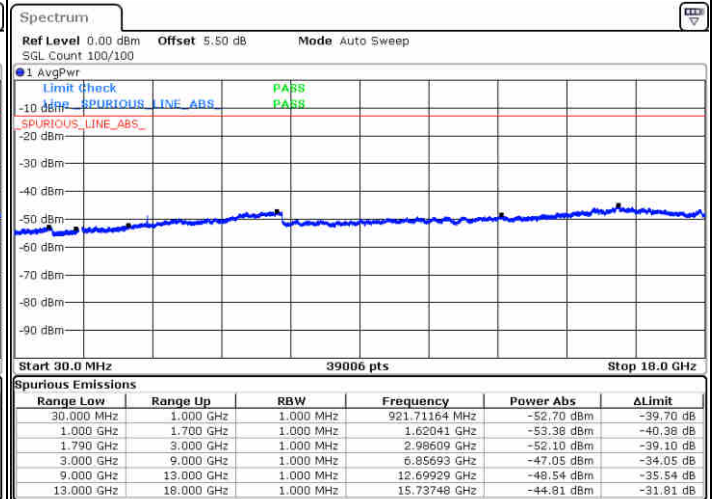
Date: 26 JUN 2020 11:49:31

## Middle Channel / QPSK



Date: 26 JUN 2020 11:51:19

## Middle Channel / 16QAM

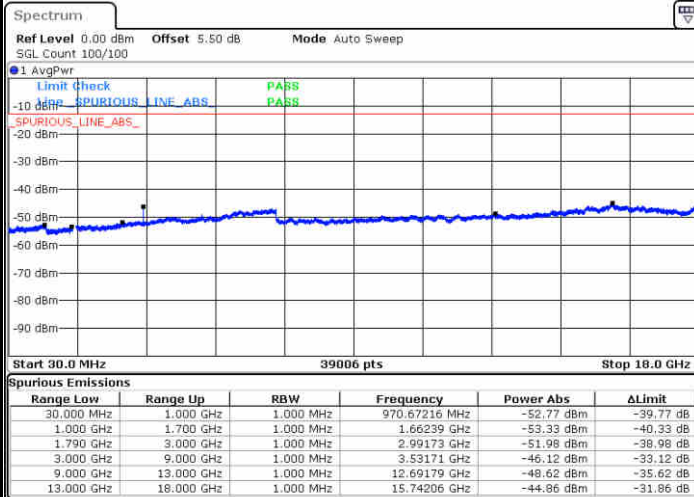


Date: 26 JUN 2020 11:51:59



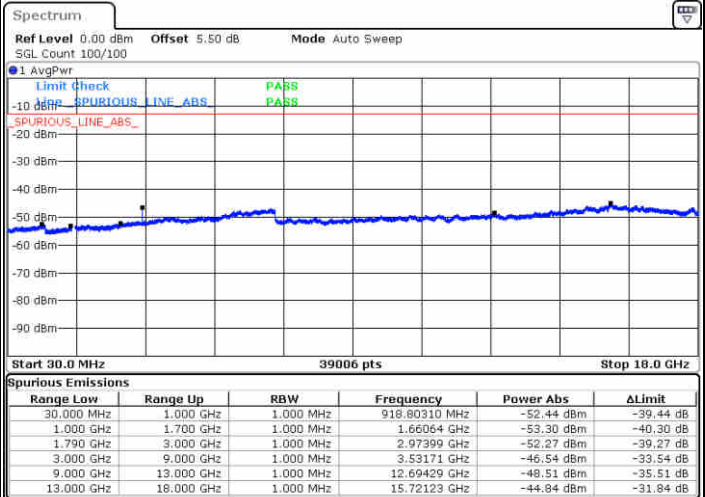
## LTE Band 66 / 15MHz

## Highest Channel / QPSK



Date: 26 JUN 2020 11:57:40

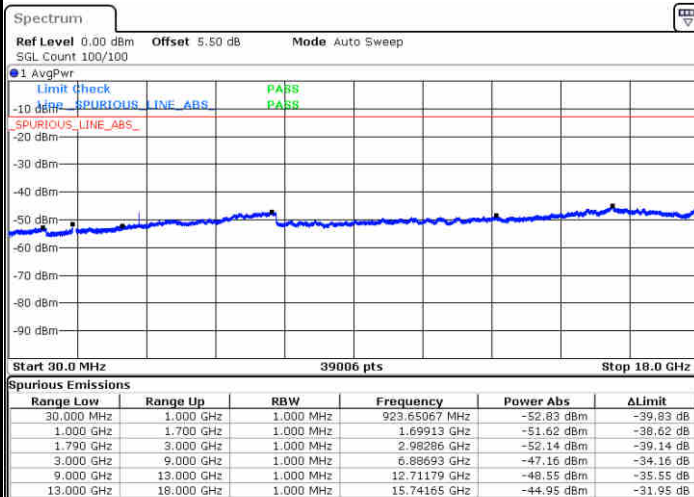
## Highest Channel / 16QAM



Date: 26 JUN 2020 11:56:56

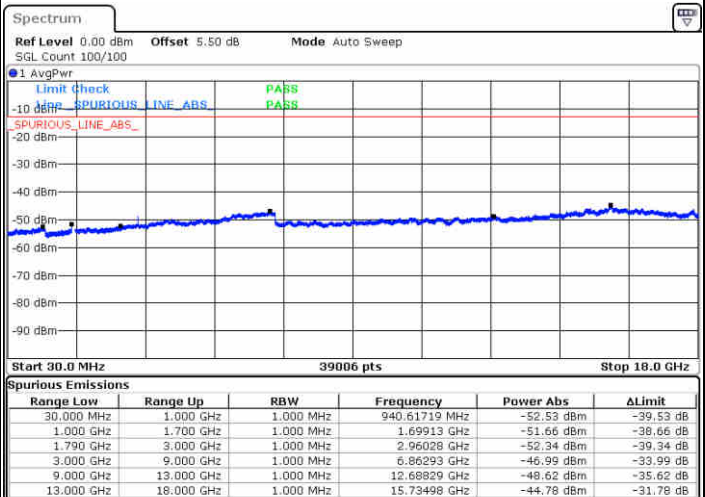
## LTE Band 66 / 20MHz

## Lowest Channel / QPSK



Date: 26 JUN 2020 12:41:50

## Lowest Channel / 16QAM

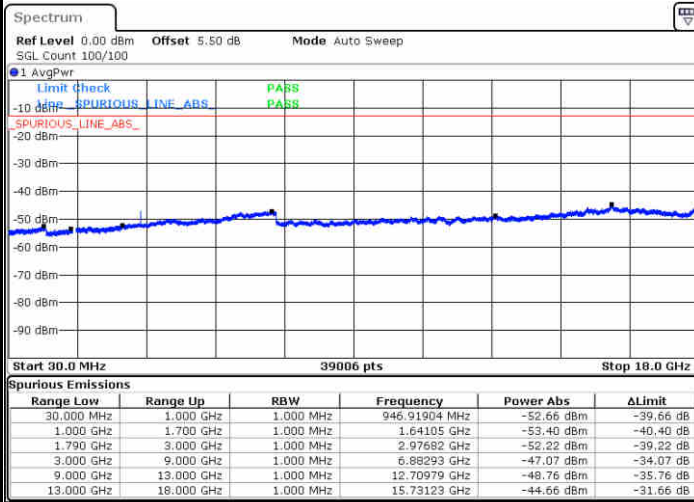


Date: 26 JUN 2020 12:42:40



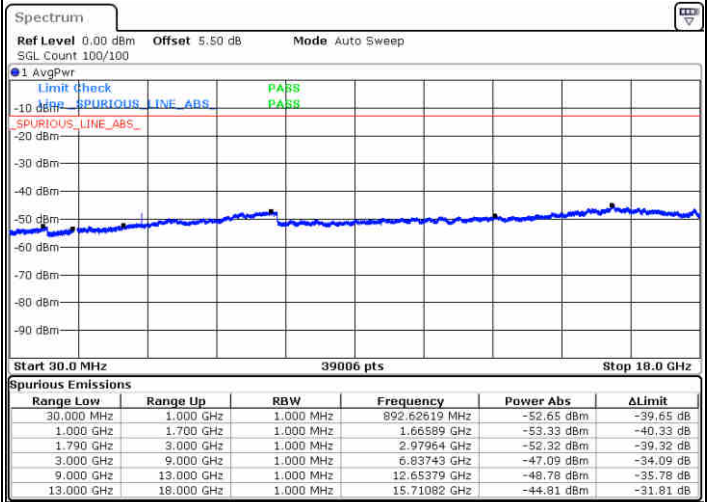
## LTE Band 66 / 20MHz

## Middle Channel / QPSK



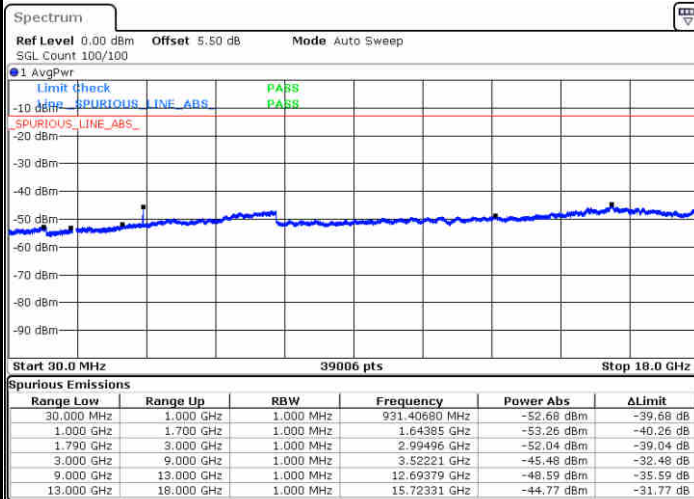
Date: 26 JUN 2020 12:48:19

## Middle Channel / 16QAM



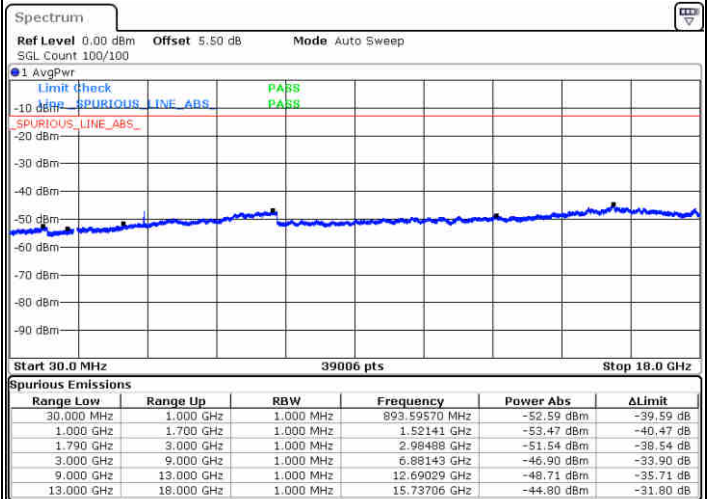
Date: 26 JUN 2020 12:45:19

## Highest Channel / QPSK



Date: 26 JUN 2020 12:57:59

## Highest Channel / 16QAM

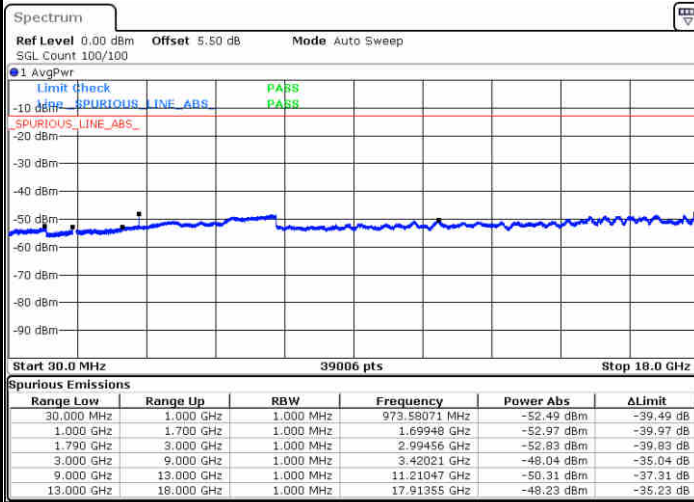


Date: 26 JUN 2020 12:56:50



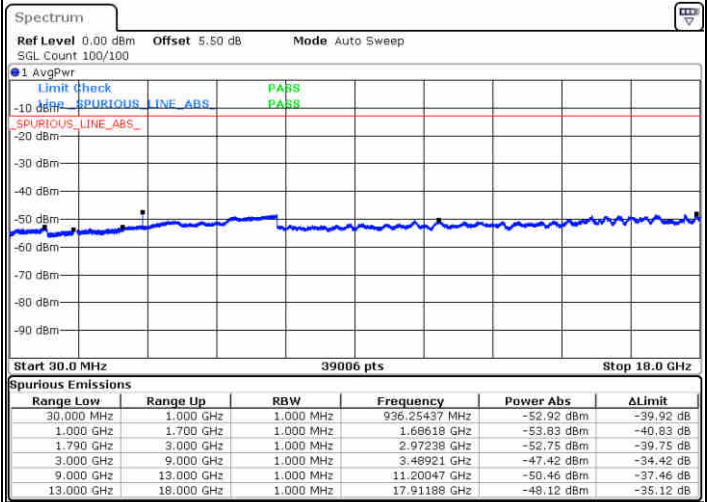
## LTE Band 66 / 1.4MHz

## Lowest Channel / 64QAM



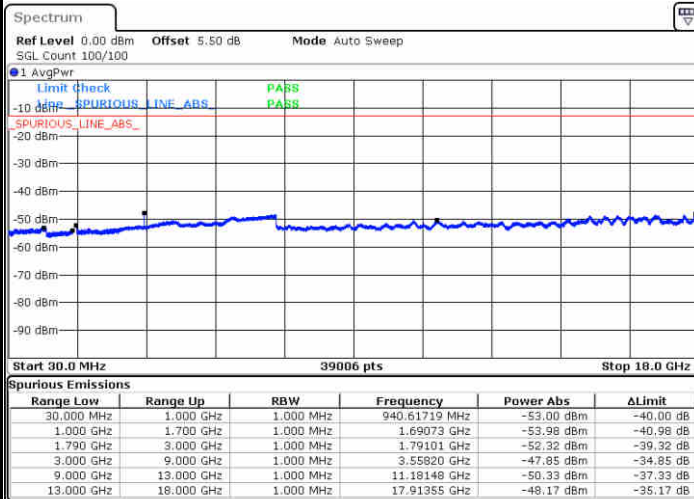
Date: 26 JUN 2020 11:42:44

## Middle Channel / 64QAM



Date: 26 JUN 2020 11:50:47

## Highest Channel / 64QAM

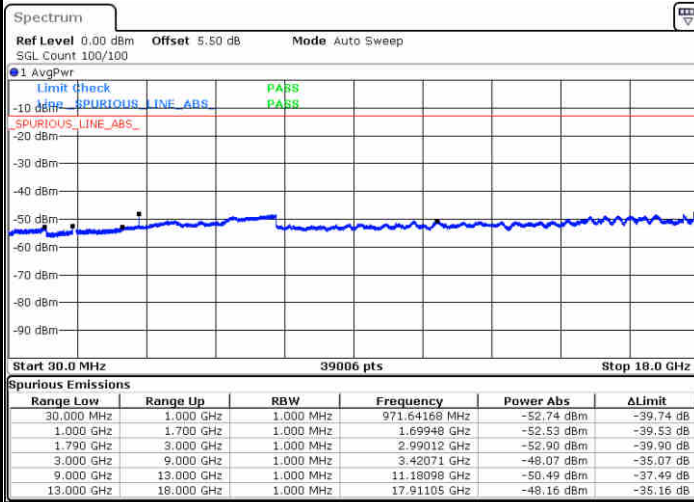


Date: 26 JUN 2020 11:57:24



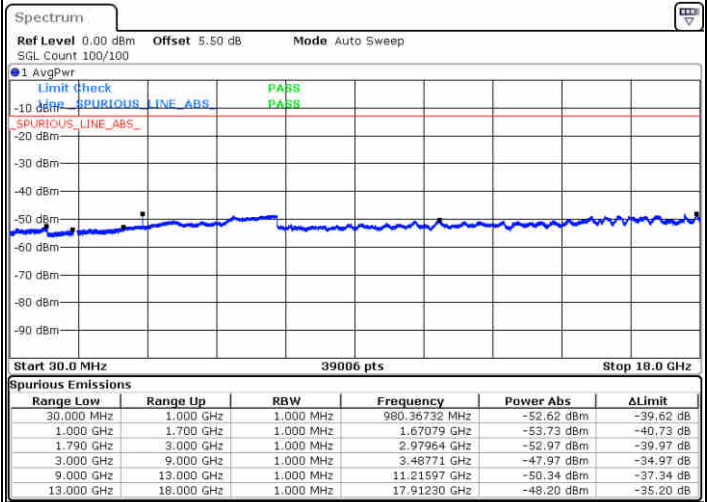
## LTE Band 66 / 3MHz

## Lowest Channel / 64QAM



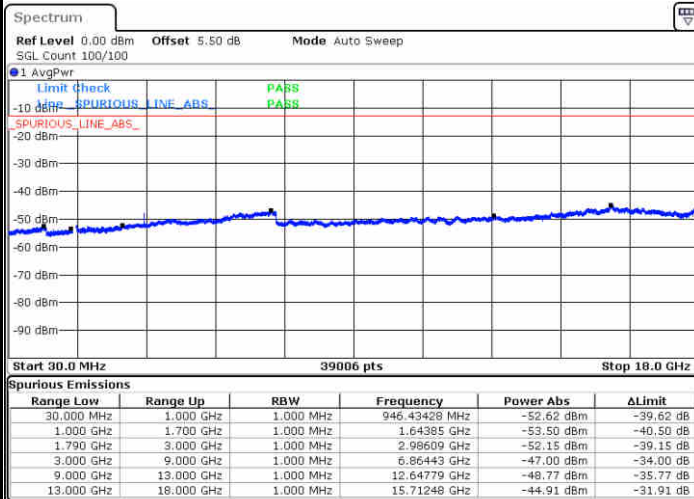
Date: 26 JUN 2020 12:13:29

## Middle Channel / 64QAM



Date: 26 JUN 2020 12:14:48

## Highest Channel / 64QAM

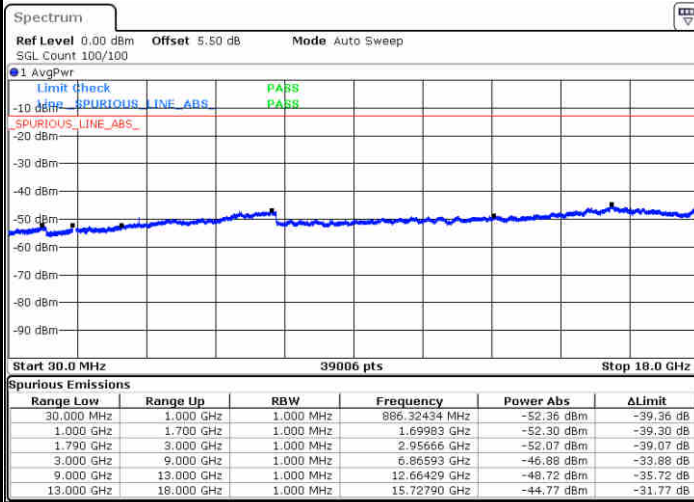


Date: 26 JUN 2020 11:11:56



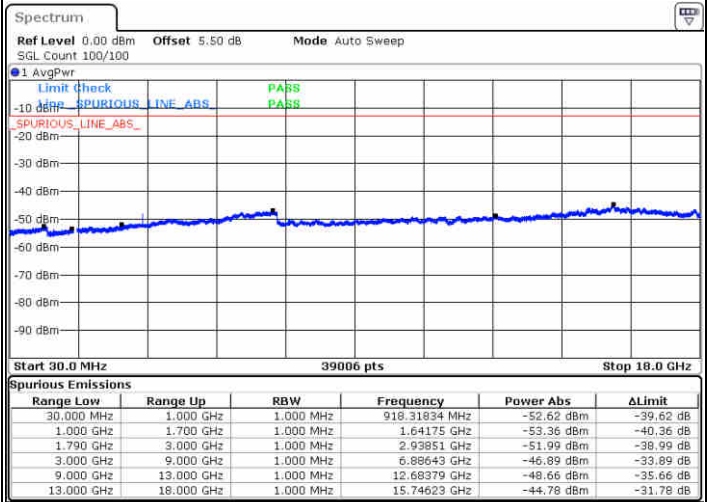
## LTE Band 66 / 5MHz

## Lowest Channel / 64QAM



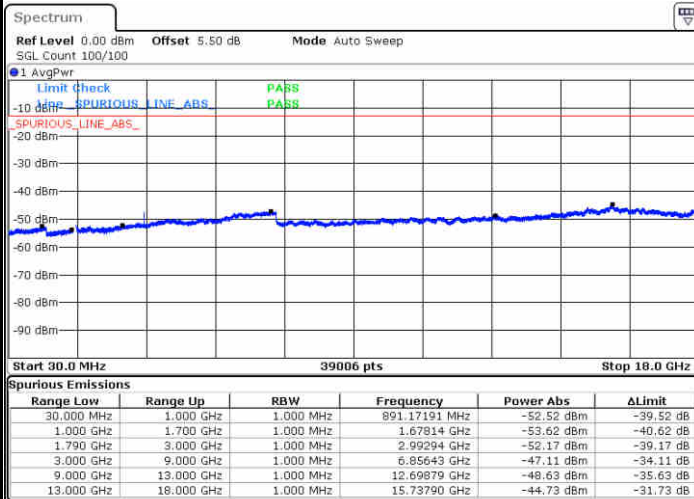
Date: 26 JUN 2020 11:17:40

## Middle Channel / 64QAM



Date: 26 JUN 2020 11:22:23

## Highest Channel / 64QAM

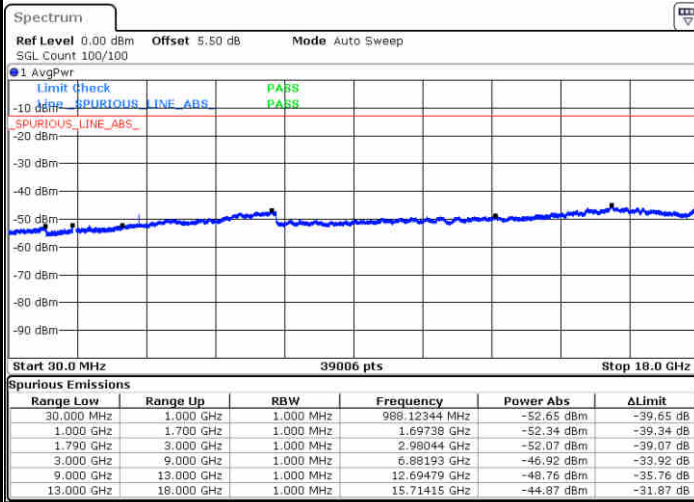


Date: 26 JUN 2020 11:26:26



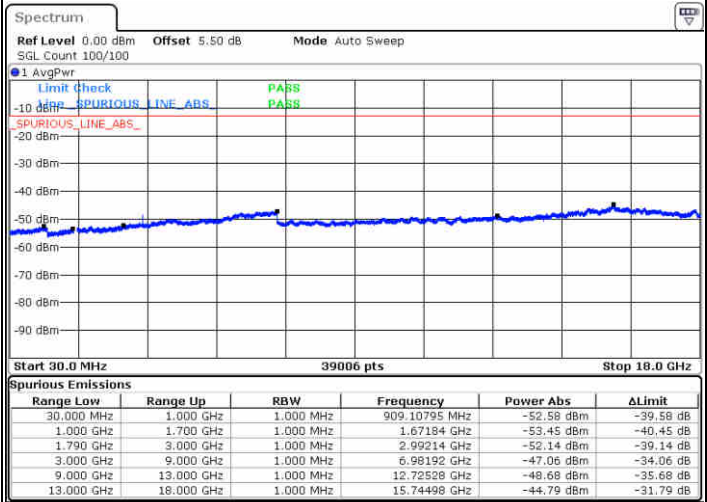
## LTE Band 66 / 10MHz

## Lowest Channel / 64QAM



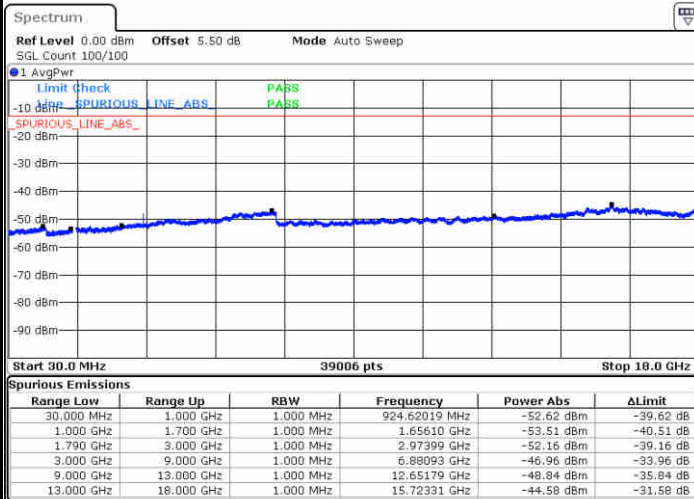
Date: 26 JUN 2020 11:33:53

## Middle Channel / 64QAM



Date: 26 JUN 2020 11:35:22

## Highest Channel / 64QAM

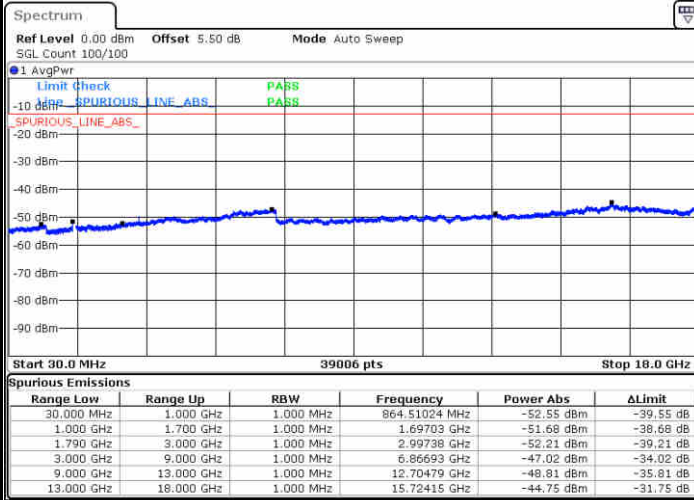


Date: 26 JUN 2020 11:43:05



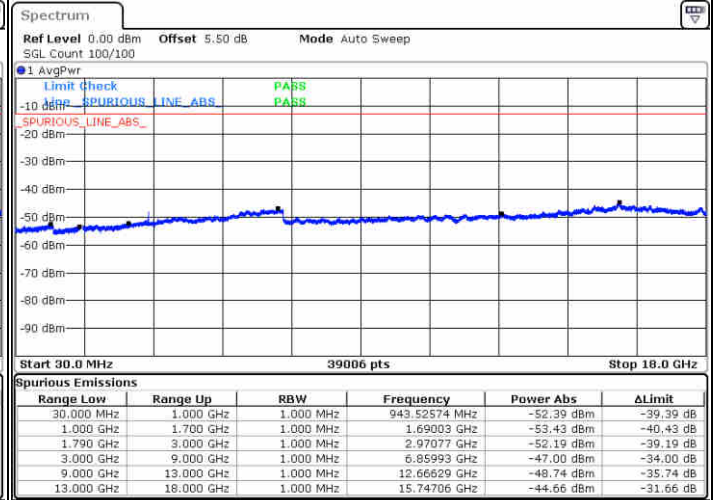
## LTE Band 66 / 15MHz

## Lowest Channel / 64QAM



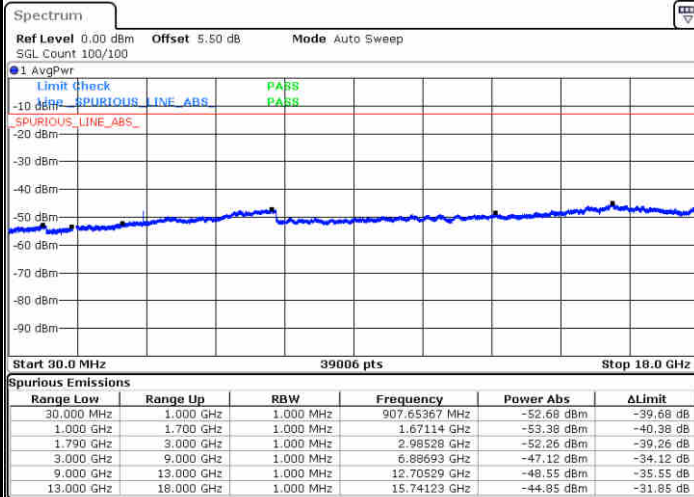
Date: 26 JUN 2020 11:48:03

## Middle Channel / 64QAM



Date: 26 JUN 2020 11:52:44

## Highest Channel / 64QAM

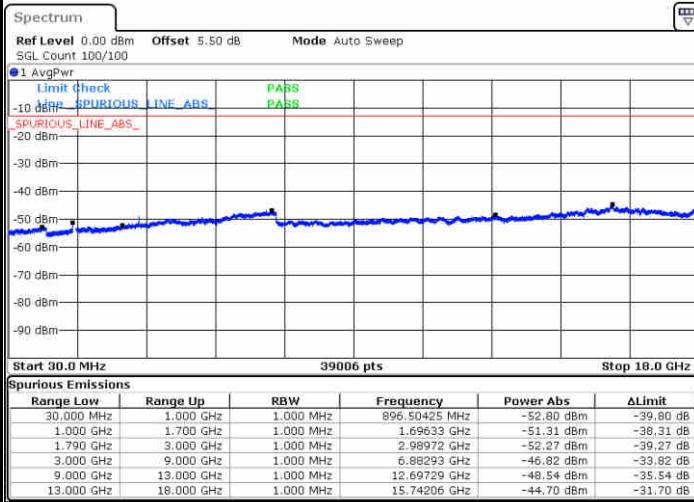


Date: 26 JUN 2020 11:56:14



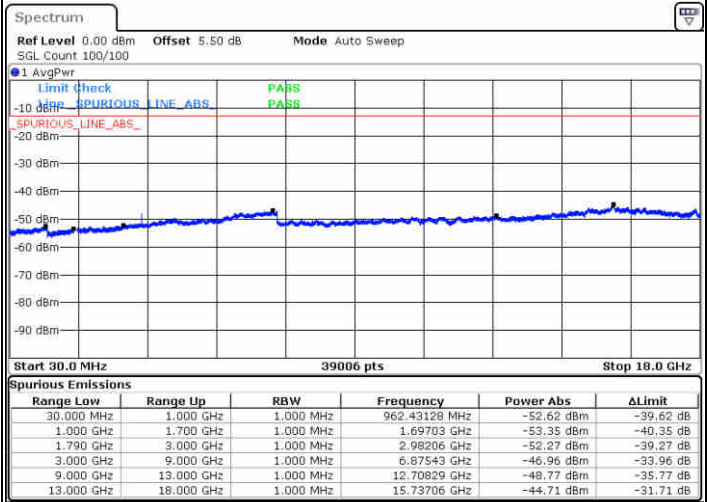
## LTE Band 66 / 20MHz

## Lowest Channel / 64QAM



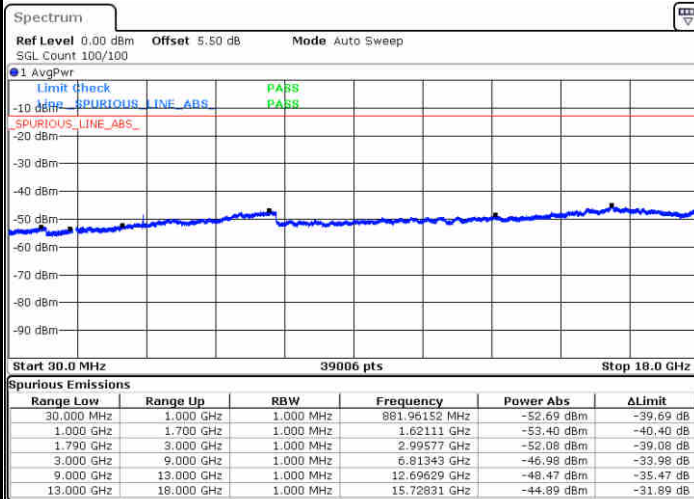
Date: 26 JUN 2020 12:43:29

## Middle Channel / 64QAM



Date: 26 JUN 2020 12:46:23

## Highest Channel / 64QAM



Date: 26 JUN 2020 12:56:02

**Frequency Stability**

| Test Conditions  |                   | LTE Band 66 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0012                              | PASS    |
| 40               | Normal Voltage    | 0.0025                              |         |
| 30               | Normal Voltage    | 0.0003                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0034                              |         |
| 0                | Normal Voltage    | 0.0005                              |         |
| -10              | Normal Voltage    | 0.0002                              |         |
| -20              | Normal Voltage    | 0.0020                              |         |
| -30              | Normal Voltage    | 0.0005                              |         |
| 20               | Maximum Voltage   | 0.0029                              |         |
| 20               | Normal Voltage    | 0.0006                              |         |
| 20               | Battery End Point | 0.0007                              |         |

**Note:**

1. Normal Voltage =3.9V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: 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 |
| Lowest CH  | 8.25                       | 8.20        | 14.60      |
| Middle CH  | 8.07                       | 8.18        | 14.57      |
| Highest CH | 8.52                       | 8.18        | 14.54      |
| BW         | 10MHz+5MHz                 | 10MHz+10MHz | N/A        |
| Lowest CH  | 14.60                      | 20.86       | -          |
| Middle CH  | 14.69                      | 20.98       | -          |
| Highest CH | 14.60                      | 21.02       | -          |

| Mode       | LTE Band 5B : 26dB BW(MHz) |             |            |
|------------|----------------------------|-------------|------------|
| 16QAM      |                            |             |            |
| BW         | 3MHz+5MHz                  | 5MHz+3MHz   | 5MHz+10MHz |
| Lowest CH  | 8.25                       | 8.41        | 14.57      |
| Middle CH  | 8.17                       | 8.15        | 14.54      |
| Highest CH | 10.18                      | 10.58       | 14.54      |
| BW         | 10MHz+5MHz                 | 10MHz+10MHz | N/A        |
| Lowest CH  | 14.69                      | 20.86       | -          |
| Middle CH  | 14.60                      | 20.94       | -          |
| Highest CH | 14.72                      | 21.02       | -          |

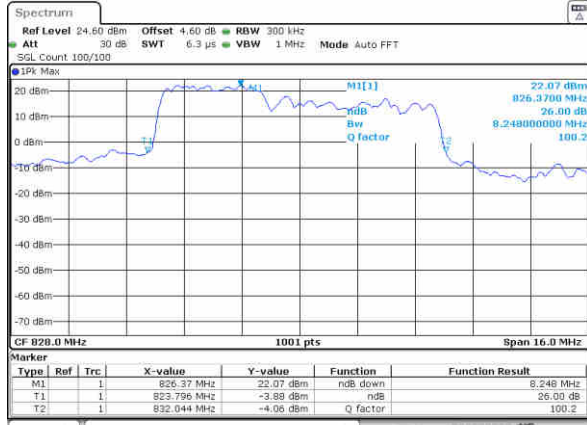
| Mode       | LTE Band 5B : 26dB BW(MHz) |             |            |
|------------|----------------------------|-------------|------------|
| 64QAM      |                            |             |            |
| BW         | 3MHz+5MHz                  | 5MHz+3MHz   | 5MHz+10MHz |
| Lowest CH  | 8.71                       | 9.38        | 14.57      |
| Middle CH  | 8.20                       | 8.50        | 14.54      |
| Highest CH | 10.15                      | 9.54        | 14.54      |
| BW         | 10MHz+5MHz                 | 10MHz+10MHz | N/A        |
| Lowest CH  | 14.75                      | 20.90       | -          |
| Middle CH  | 14.63                      | 20.70       | -          |
| Highest CH | 14.54                      | 20.90       | -          |



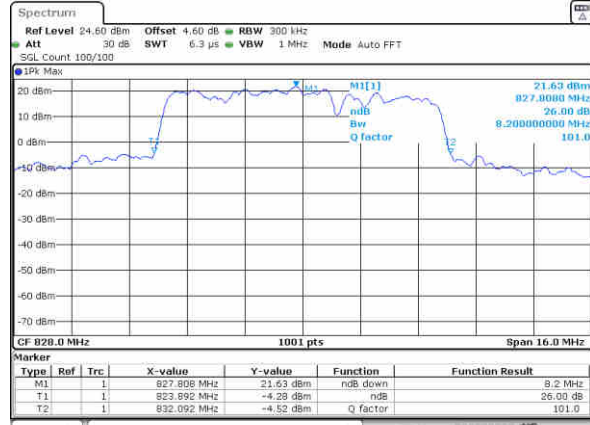
## LTE Band 5B

## QPSK

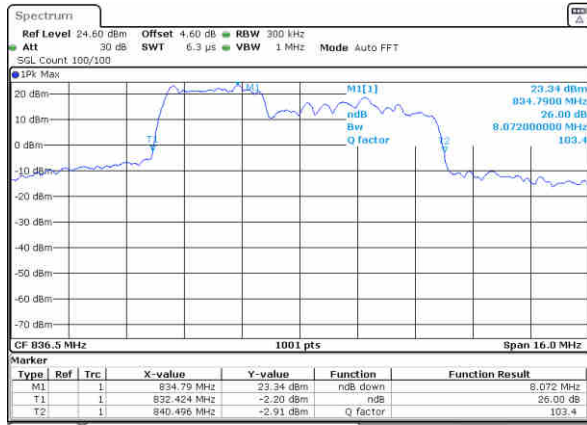
## Lowest Channel / 3MHz+5MHz



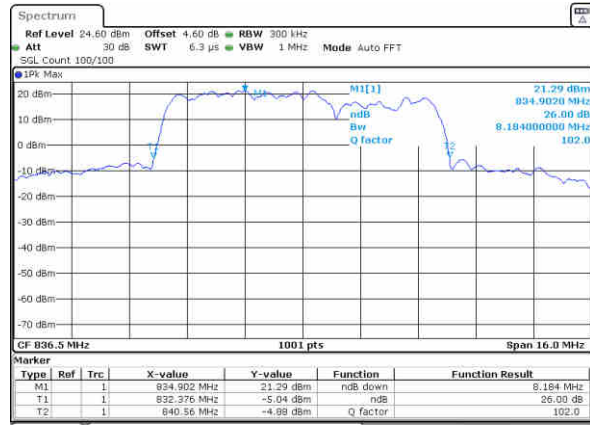
## Lowest Channel / 5MHz+3MHz



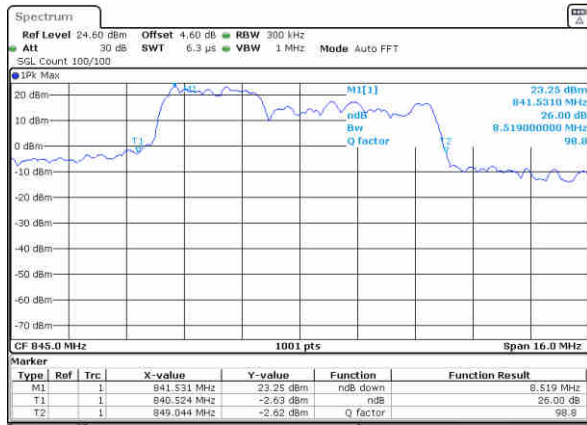
## Middle Channel / 3MHz+5MHz



## Middle Channel / 5MHz+3MHz



## Highest Channel / 3MHz+5MHz



## Highest Channel / 5MHz+3MHz

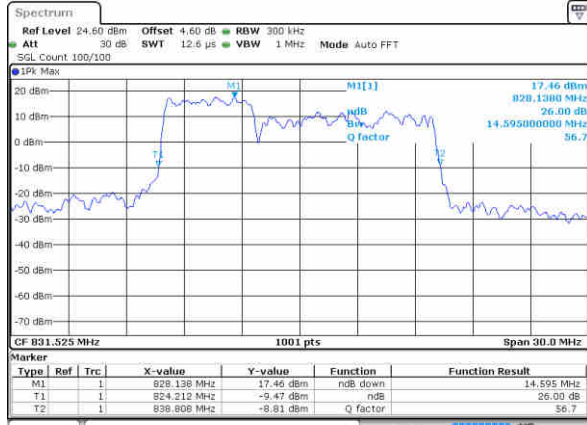




## LTE Band 5B

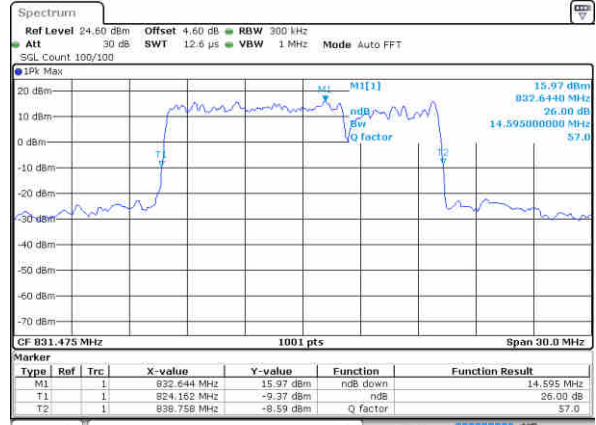
## QPSK

## Lowest Channel / 5MHz+10MHz



Date: 25 JUL 2020 12:46:32

## Lowest Channel / 10MHz+5MHz



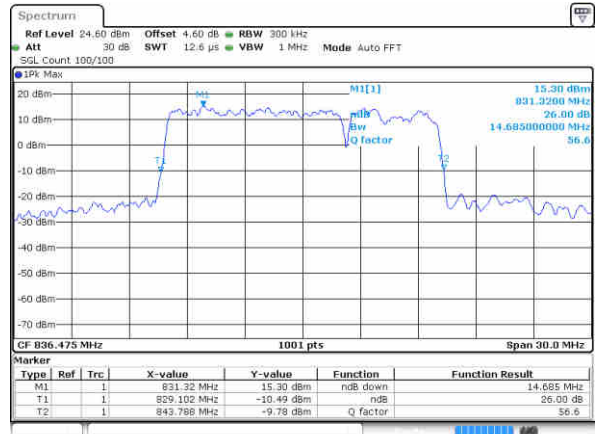
Date: 25 JUL 2020 13:53:30

## Middle Channel / 5MHz+10MHz



Date: 25 JUL 2020 13:35:47

## Middle Channel / 10MHz+5MHz



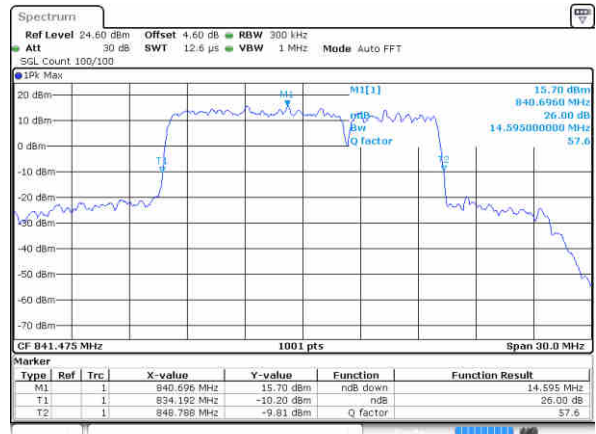
Date: 25 JUL 2020 14:04:56

## Highest Channel / 5MHz+10MHz



Date: 25 JUL 2020 13:40:01

## Highest Channel / 10MHz+5MHz



Date: 25 JUL 2020 14:09:57

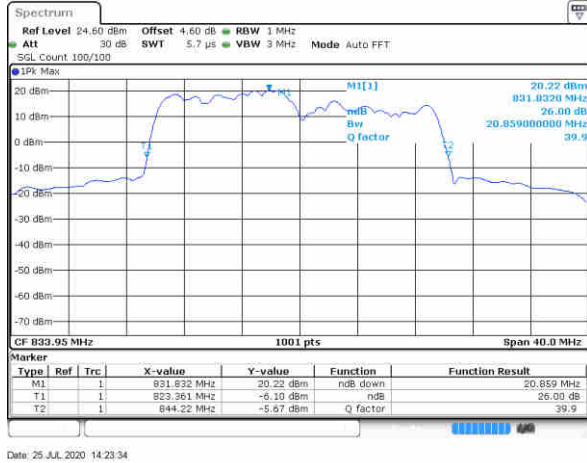


LTE Band 5B

QPSK

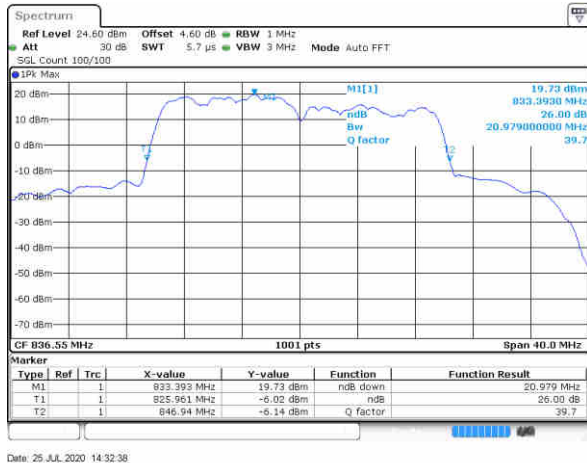
Lowest Channel / 10MHz+10MHz

N/A



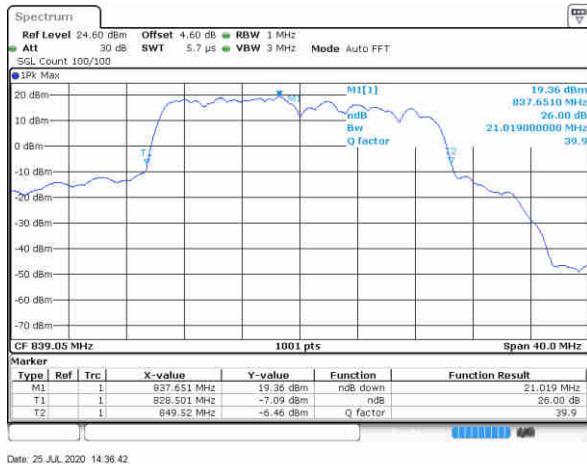
Middle Channel / 10MHz+10MHz

N/A



Highest Channel / 10MHz+10MHz

N/A

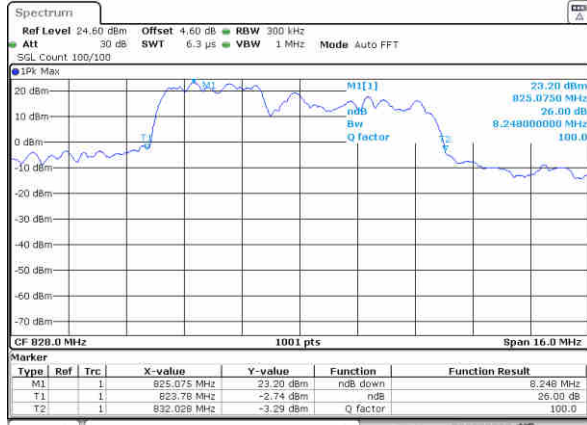




## LTE Band 5B

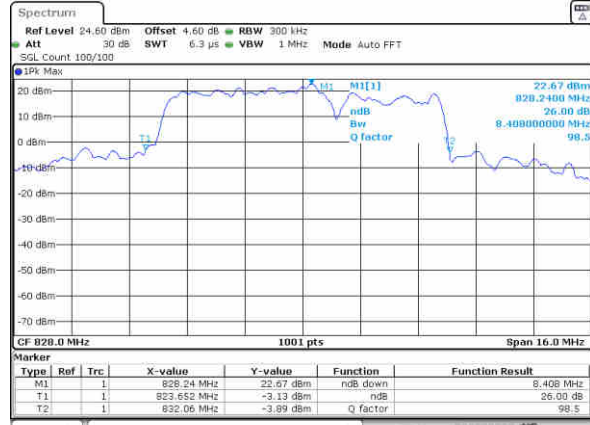
## 16QAM

## Lowest Channel / 3MHz+5MHz



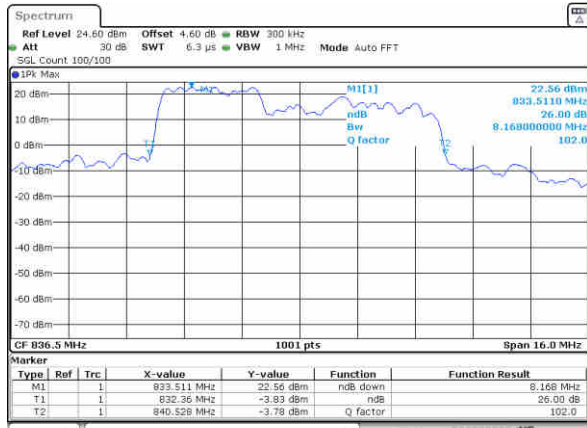
Date: 31 JUL 2020 00:00:18

## Lowest Channel / 5MHz+3MHz



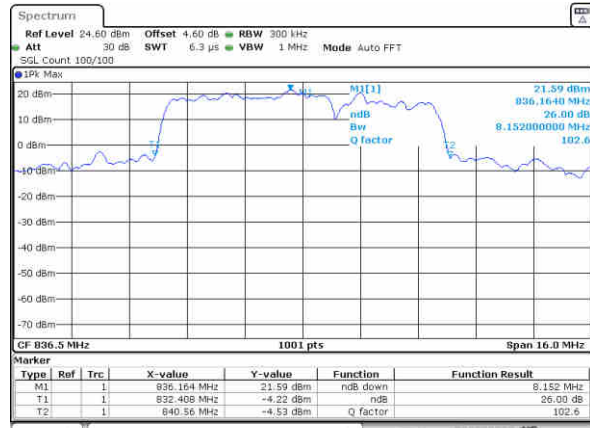
Date: 31 JUL 2020 00:13:56

## Middle Channel / 3MHz+5MHz



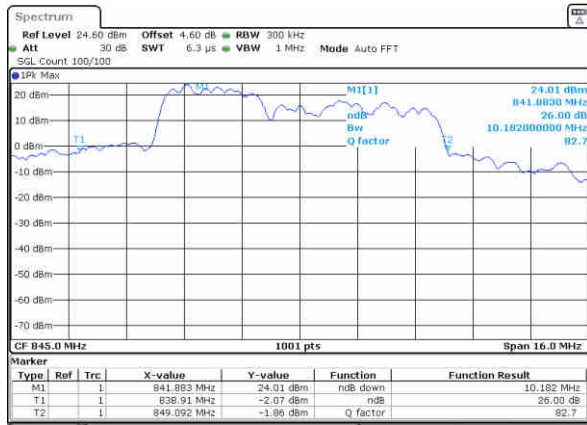
Date: 31 JUL 2020 00:14:24

## Middle Channel / 5MHz+3MHz



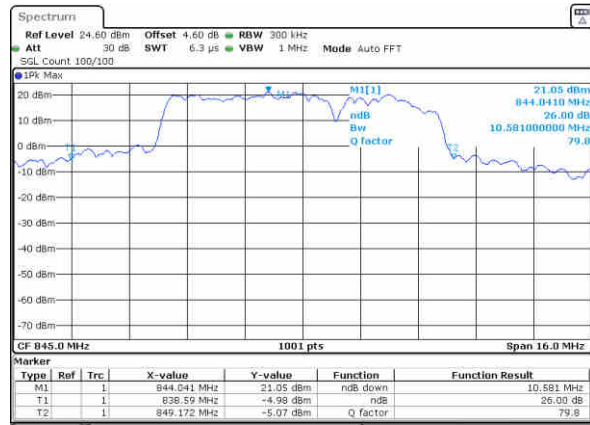
Date: 31 JUL 2020 00:15:57

## Highest Channel / 3MHz+5MHz



Date: 31 JUL 2020 00:24:50

## Highest Channel / 5MHz+3MHz



Date: 31 JUL 2020 00:15:23