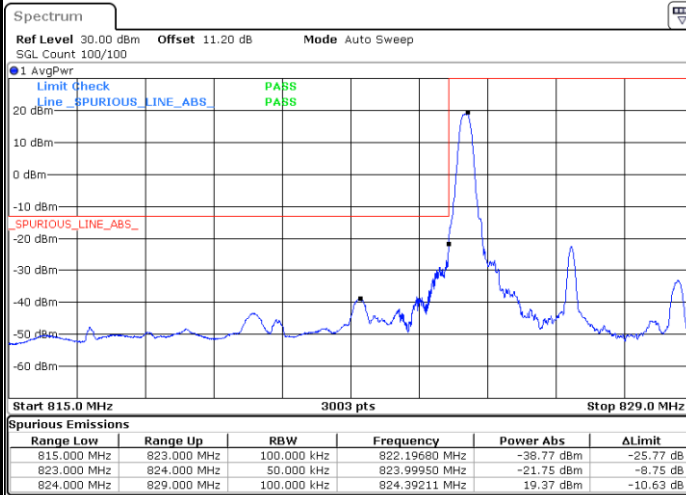




## LTE Band 26 / 5MHz / 64QAM

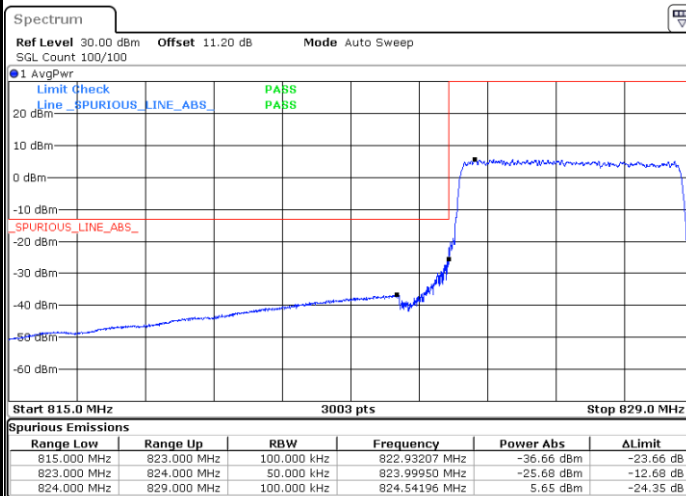
## Lowest Band Edge / 1RB



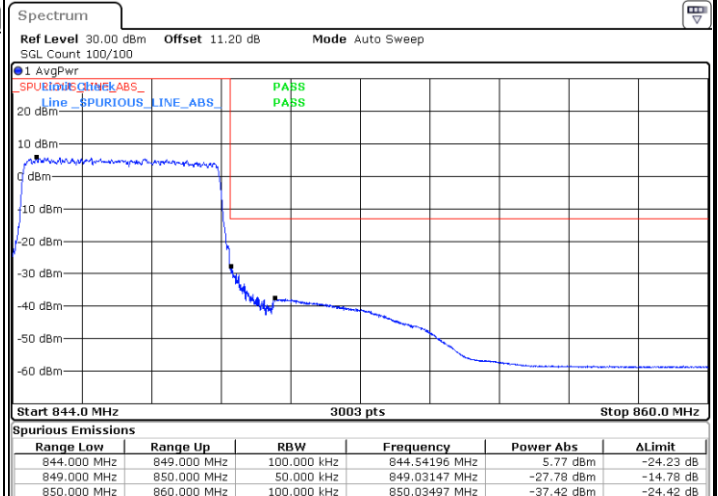
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



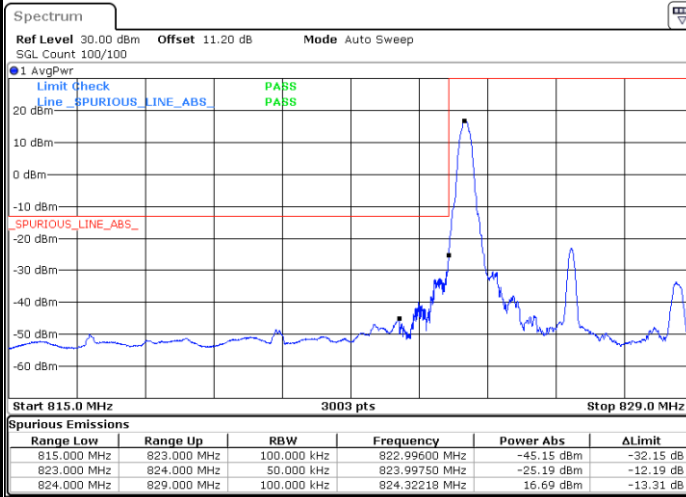
## Highest Band Edge / Full RB



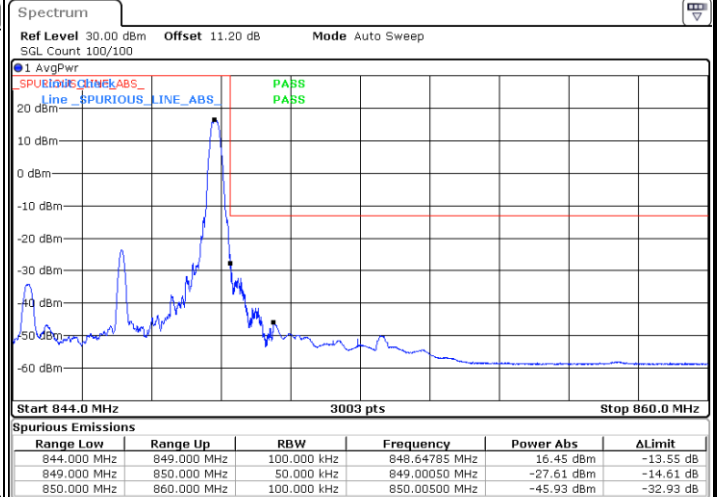


## LTE Band 26 / 5MHz / 256QAM

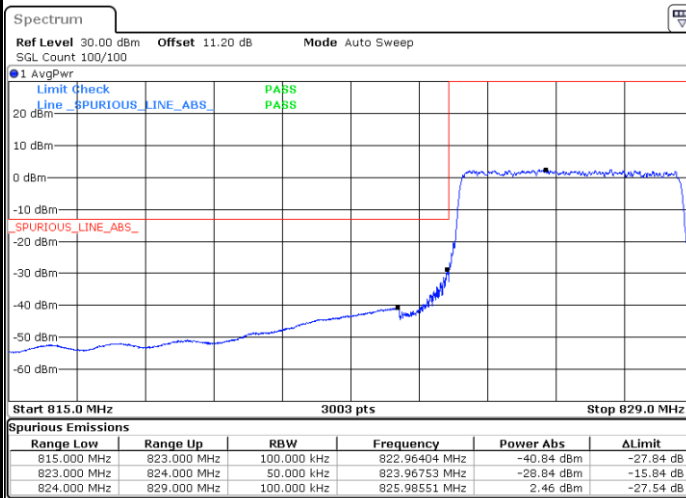
## Lowest Band Edge / 1RB



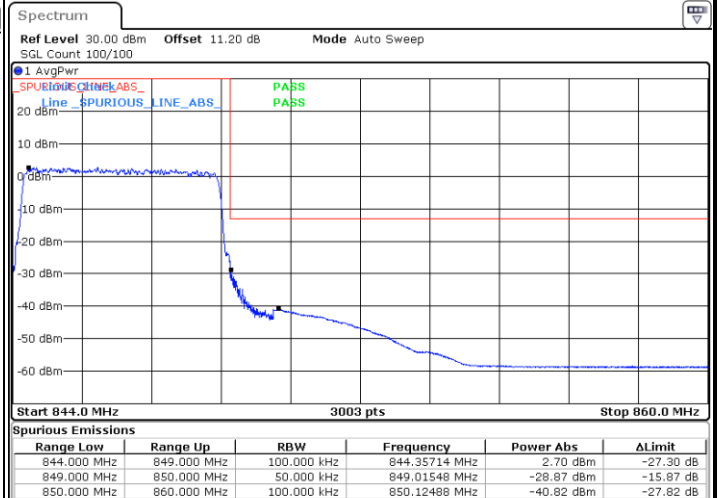
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



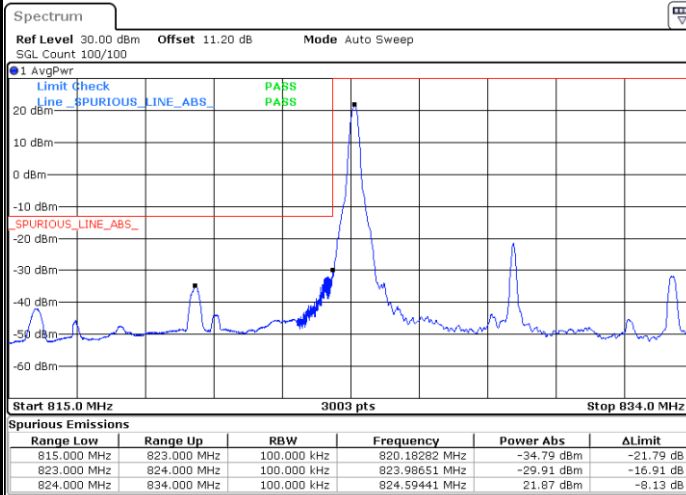
## Highest Band Edge / Full RB



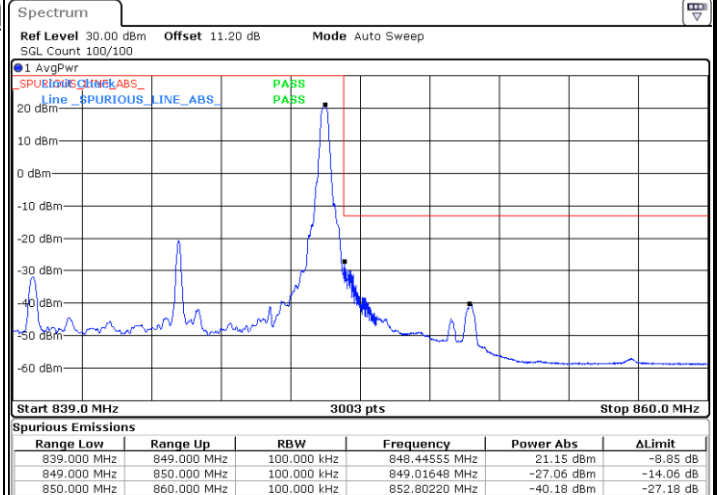


## LTE Band 26 / 10MHz / QPSK

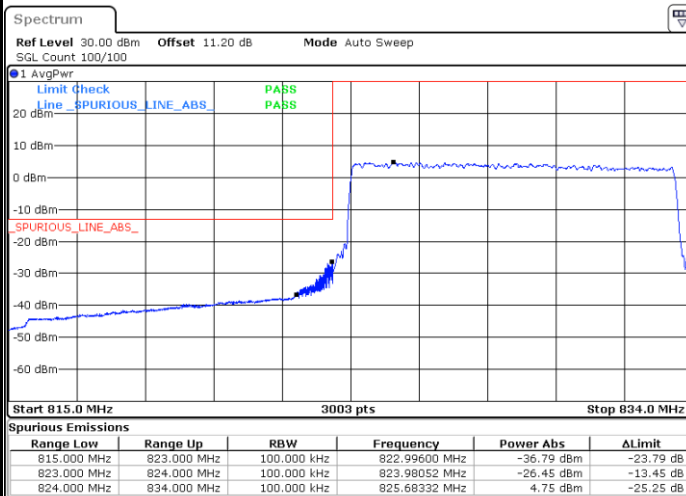
## Lowest Band Edge / 1 RB



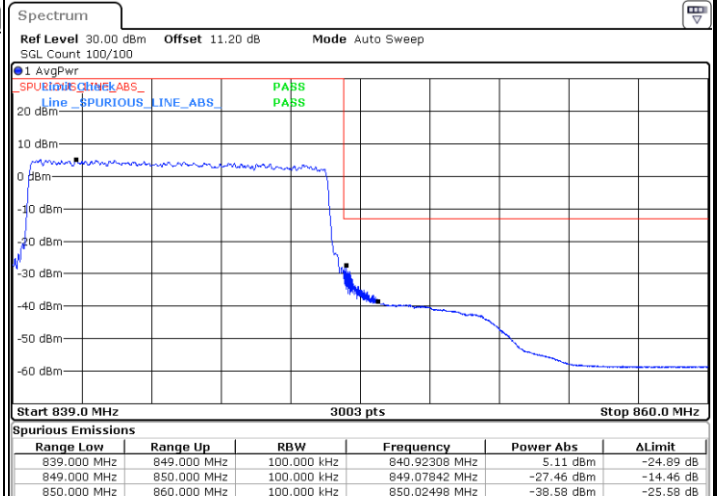
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



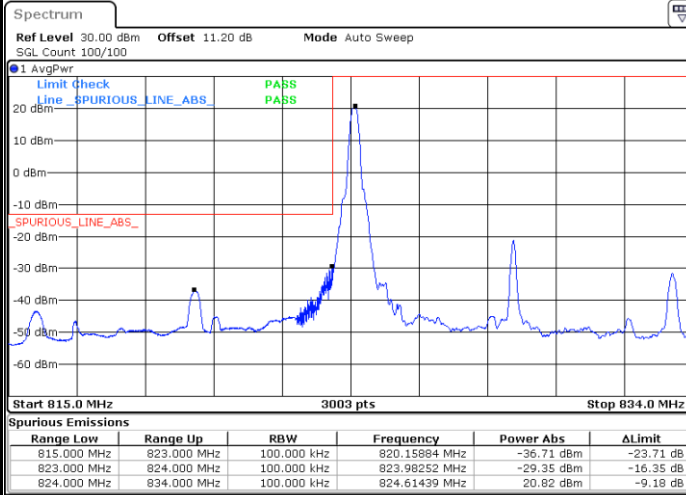
## Highest Band Edge / Full RB



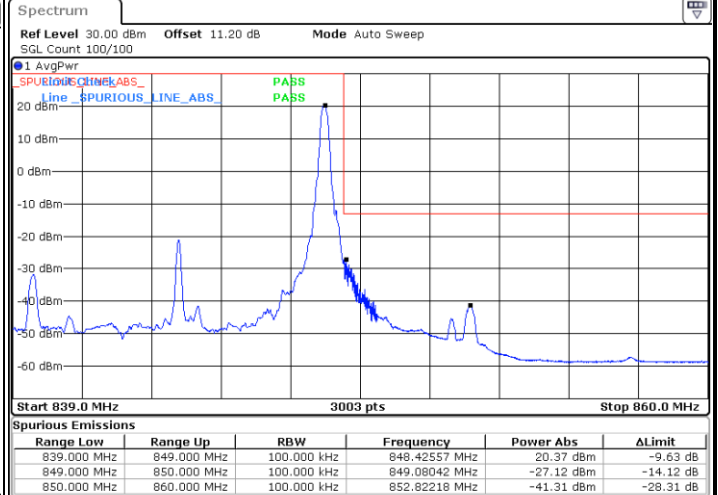


## LTE Band 26 / 10MHz / 16QAM

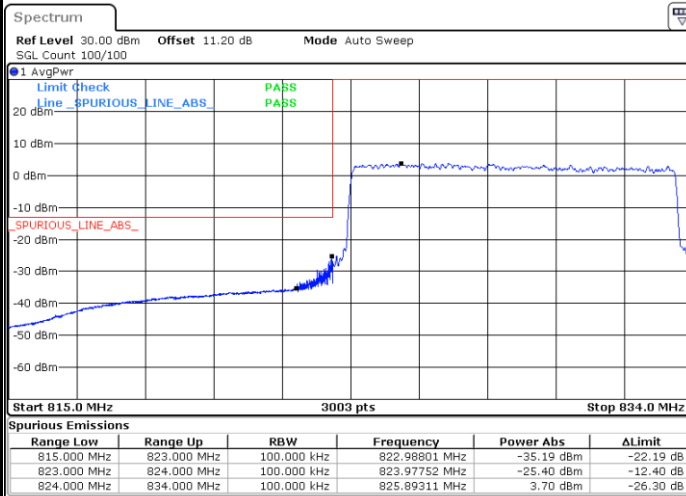
## Lowest Band Edge / 1 RB



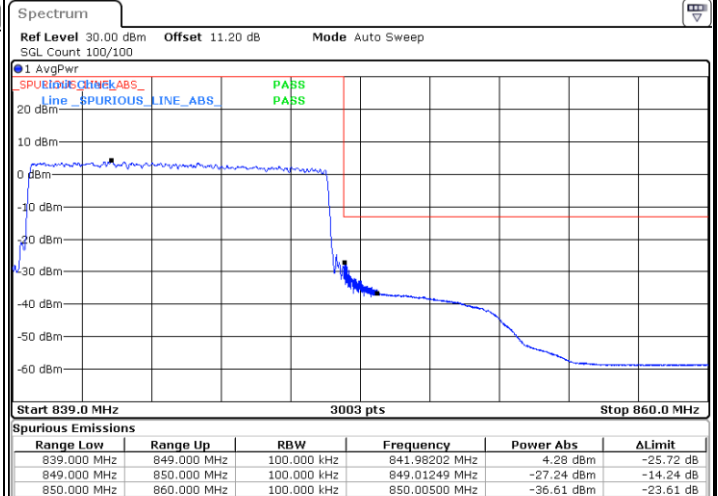
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



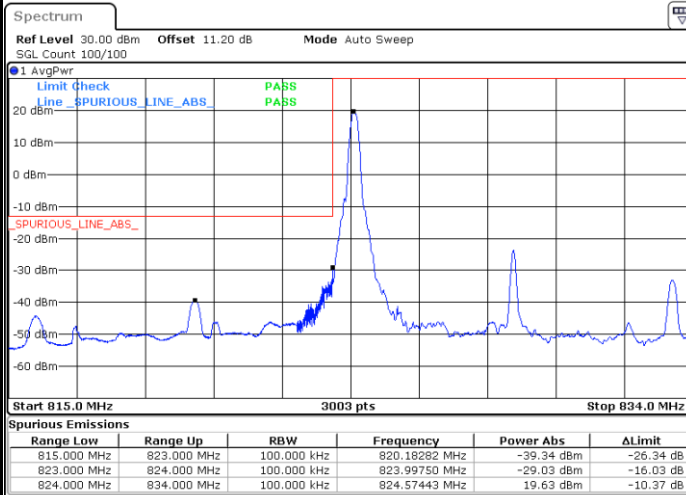
## Highest Band Edge / Full RB



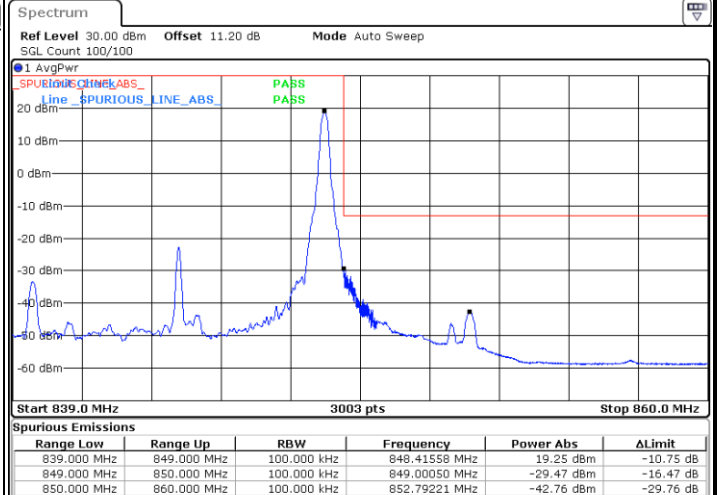


## LTE Band 26 / 10MHz / 64QAM

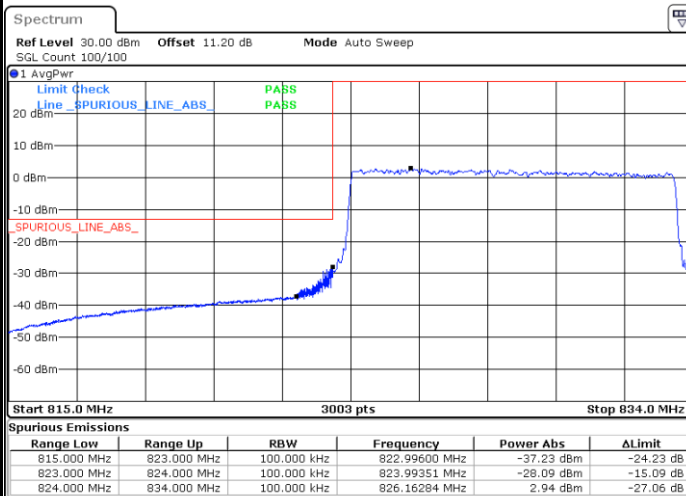
## Lowest Band Edge / 1 RB



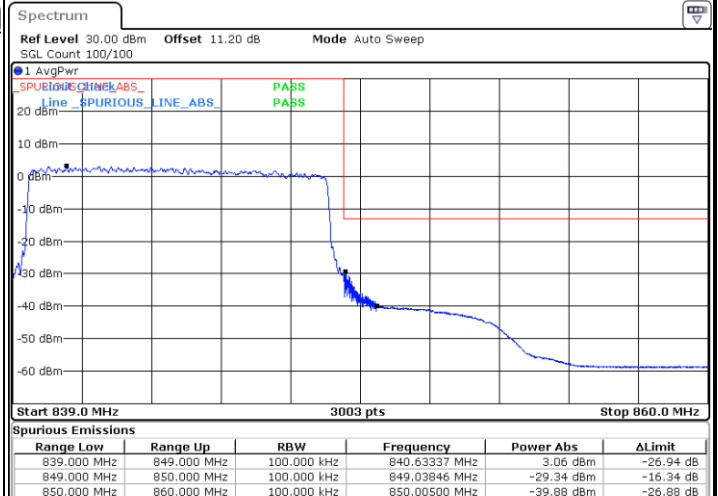
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



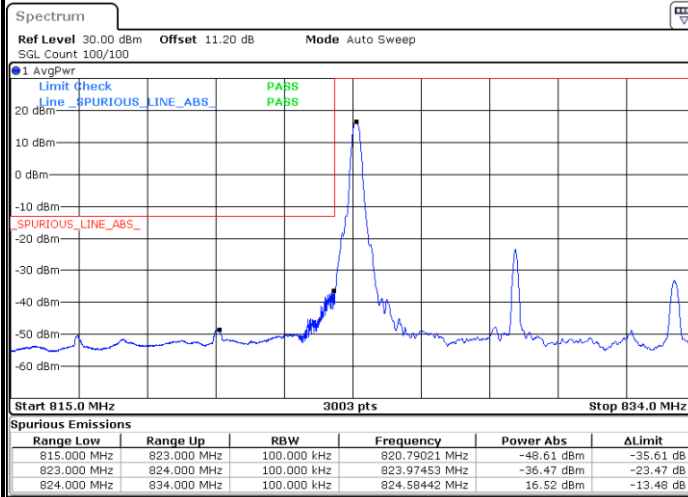
## Highest Band Edge / Full RB



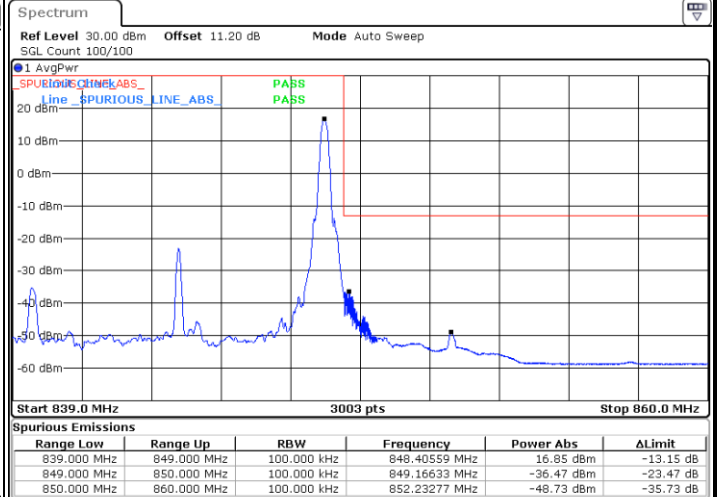


## LTE Band 26 / 10MHz / 256QAM

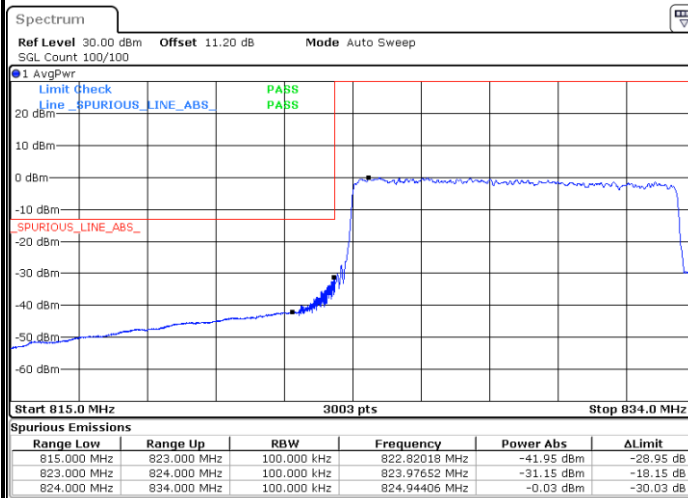
## Lowest Band Edge / 1 RB



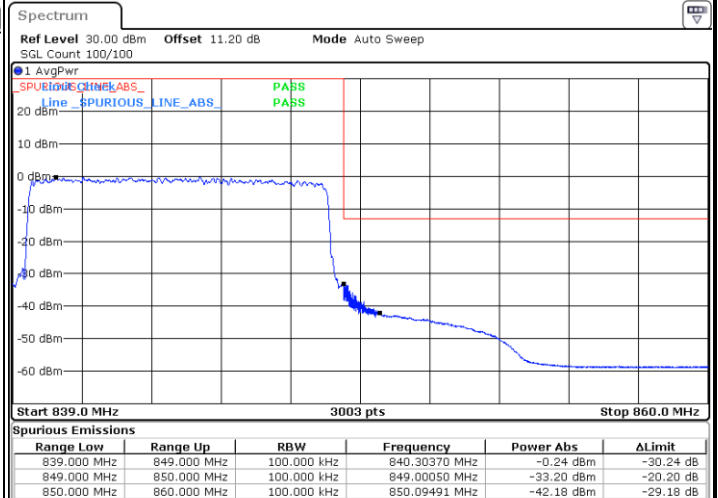
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



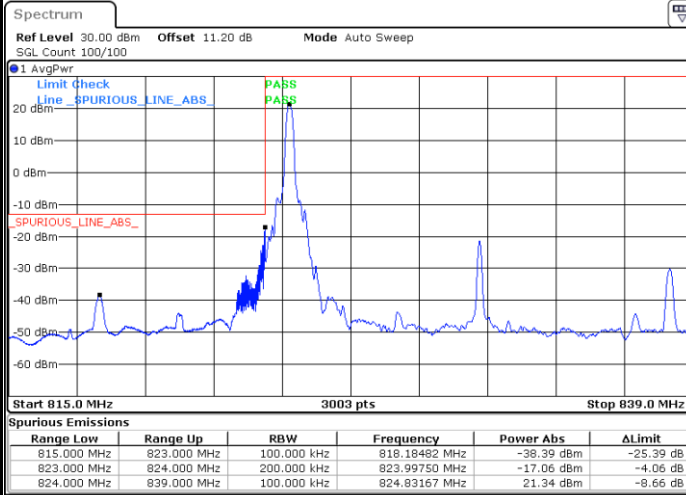
## Highest Band Edge / Full RB



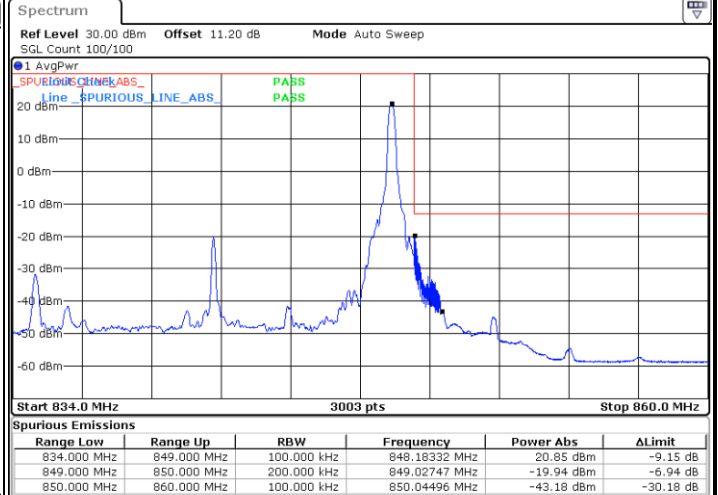


## LTE Band 26 / 15MHz / QPSK

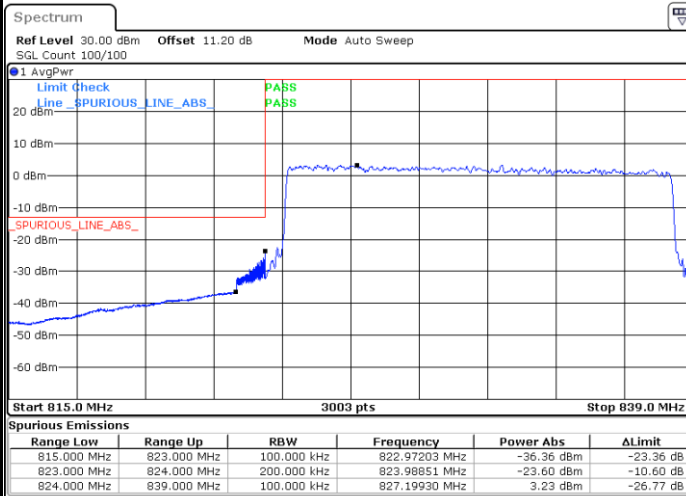
## Lowest Band Edge / 1 RB



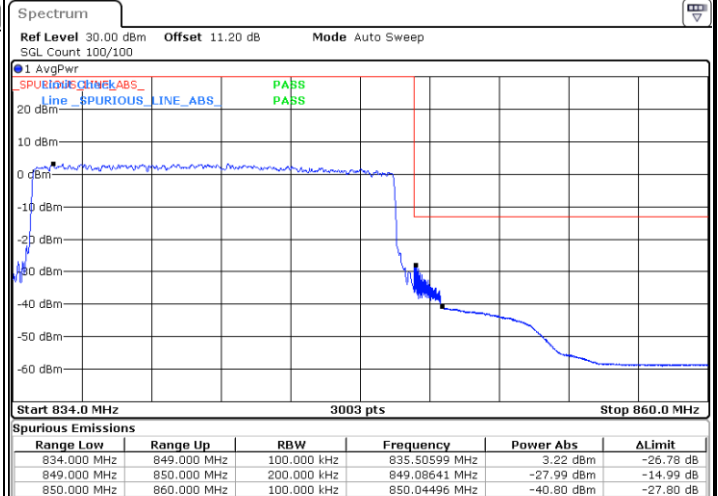
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



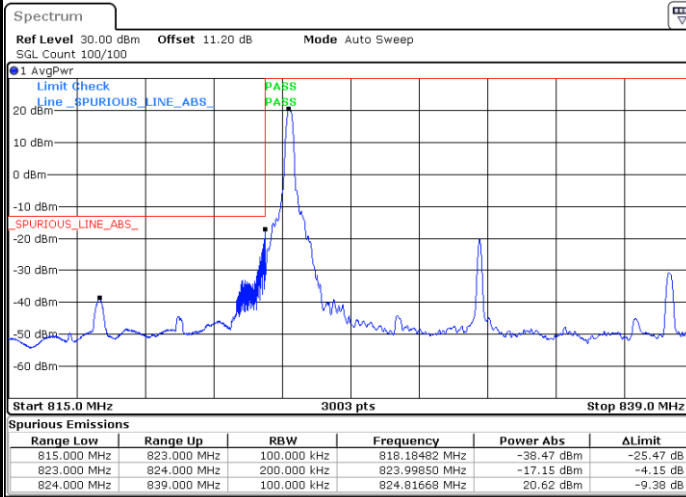
## Highest Band Edge / Full RB



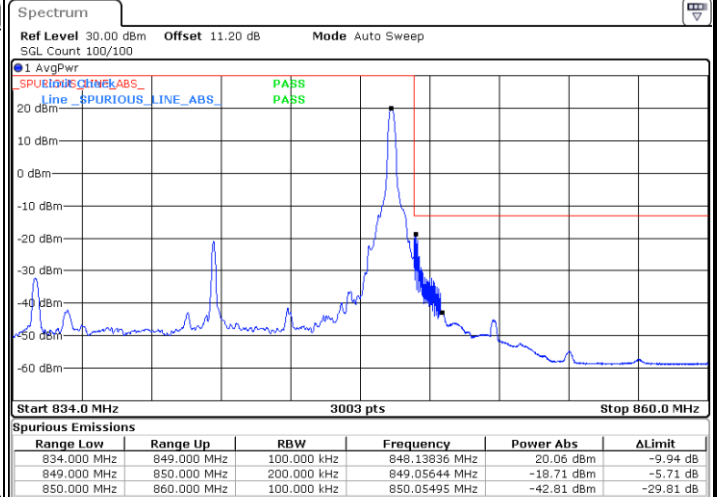


## LTE Band 26 / 15MHz / 16QAM

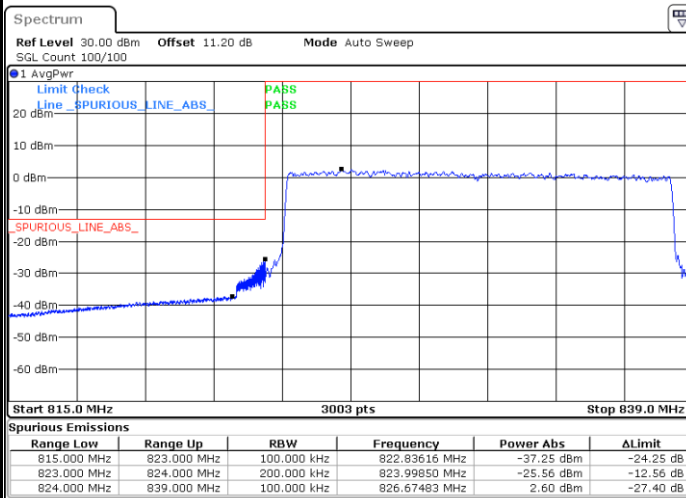
## Lowest Band Edge / 1 RB



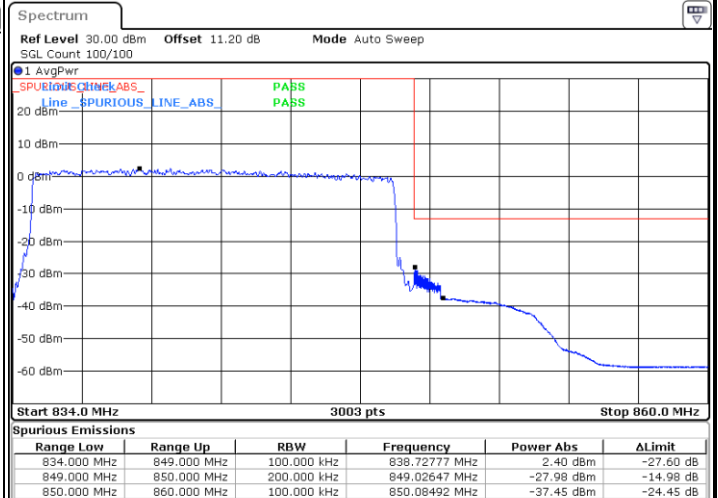
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

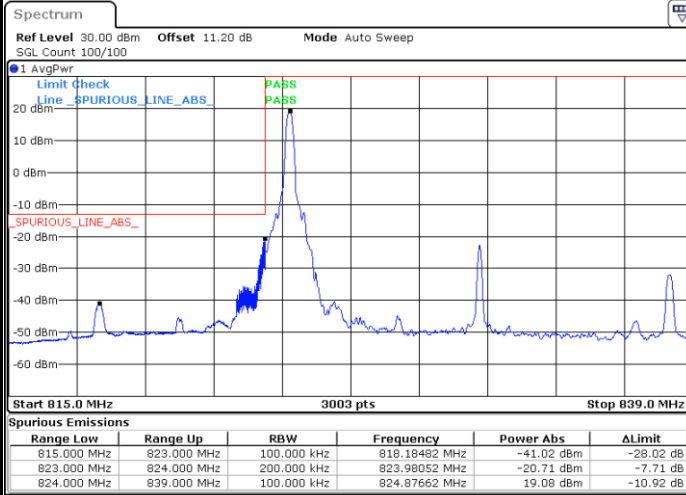




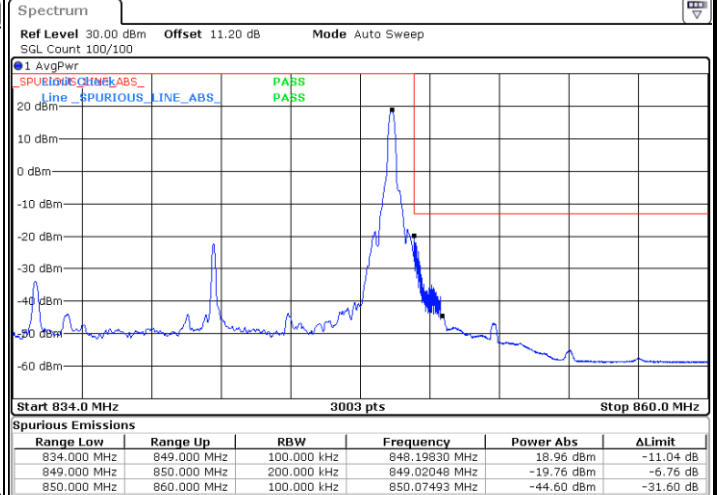


## LTE Band 26 / 15MHz / 64QAM

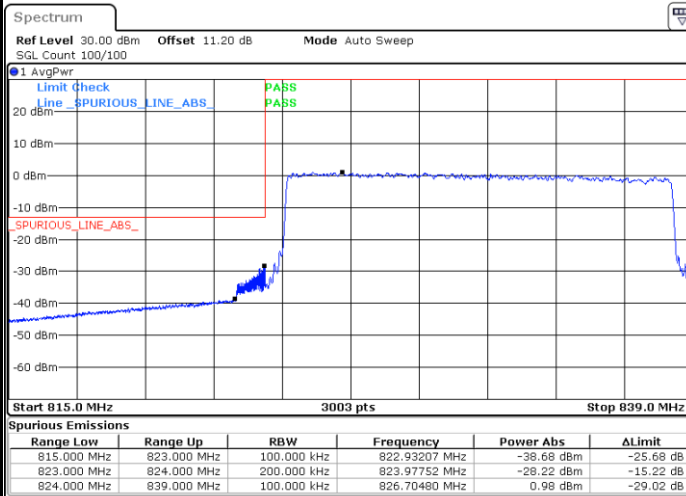
## Lowest Band Edge / 1 RB



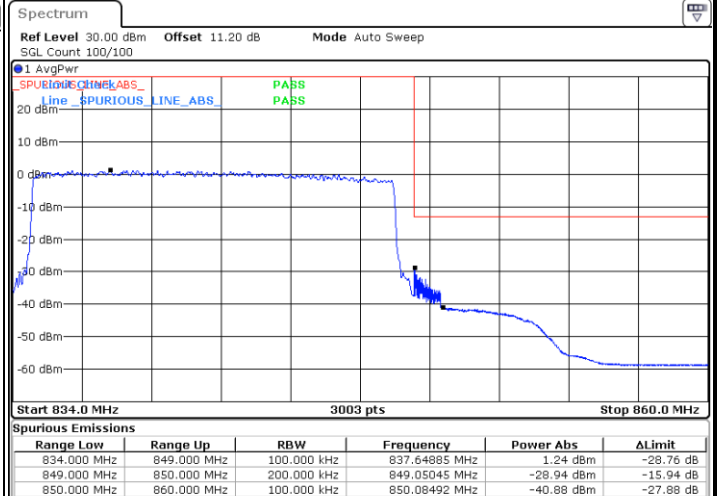
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



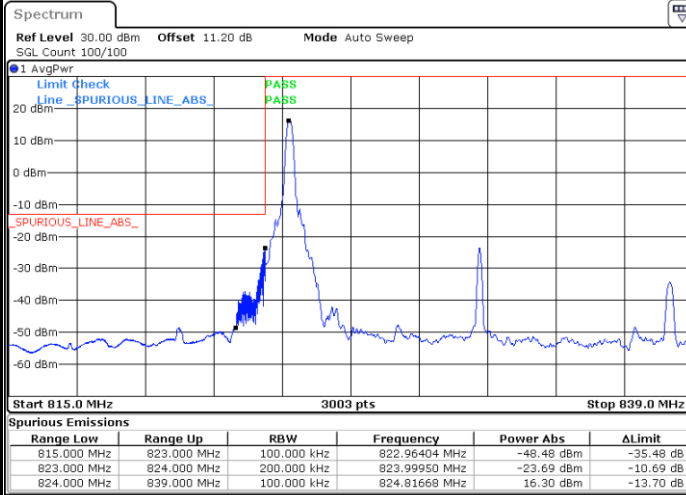
## Highest Band Edge / Full RB



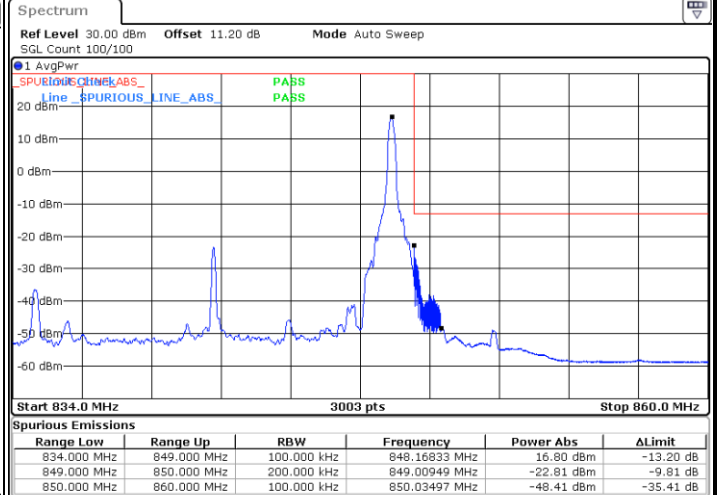


## LTE Band 26 / 15MHz / 256QAM

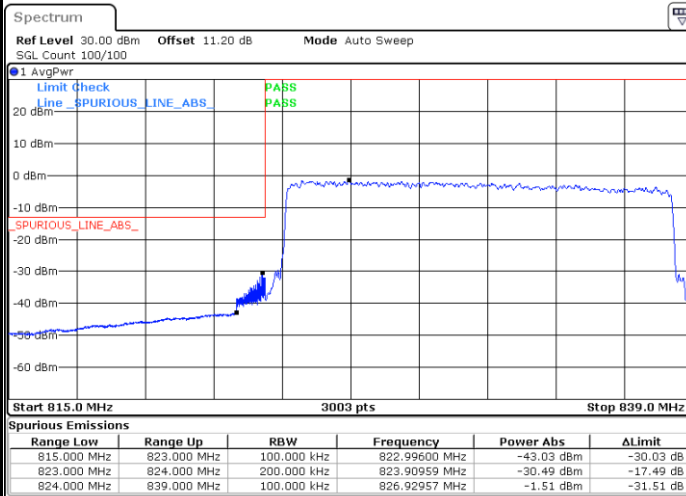
## Lowest Band Edge / 1 RB



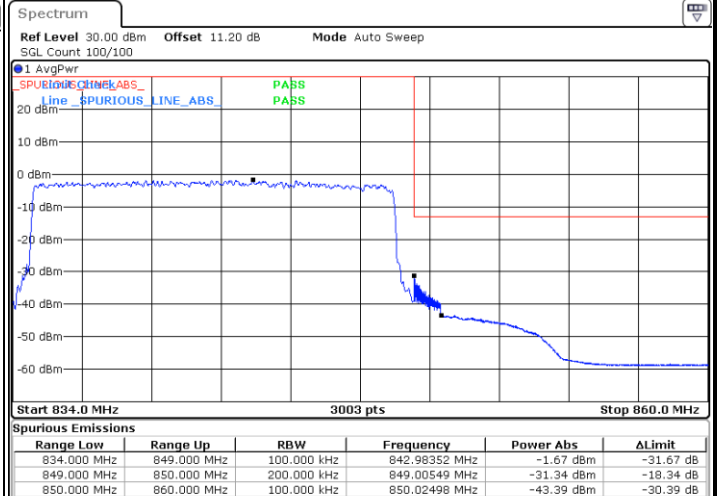
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

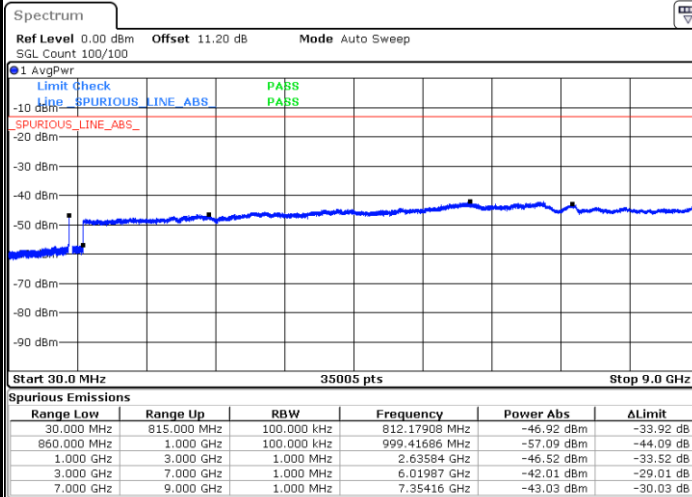




# Conducted Spurious Emission

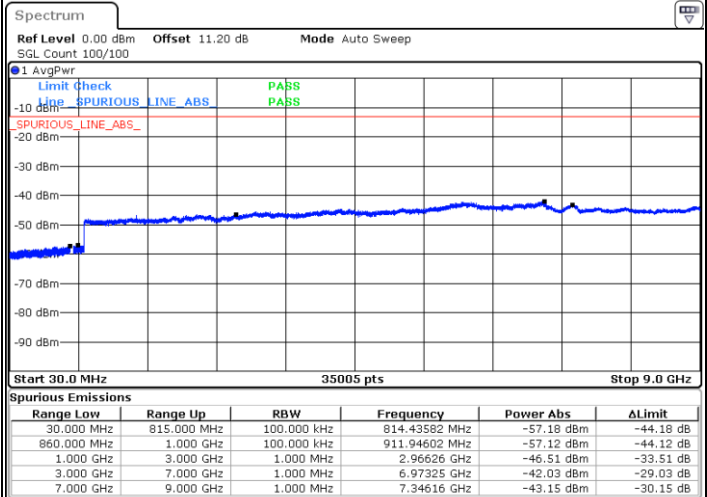
## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK



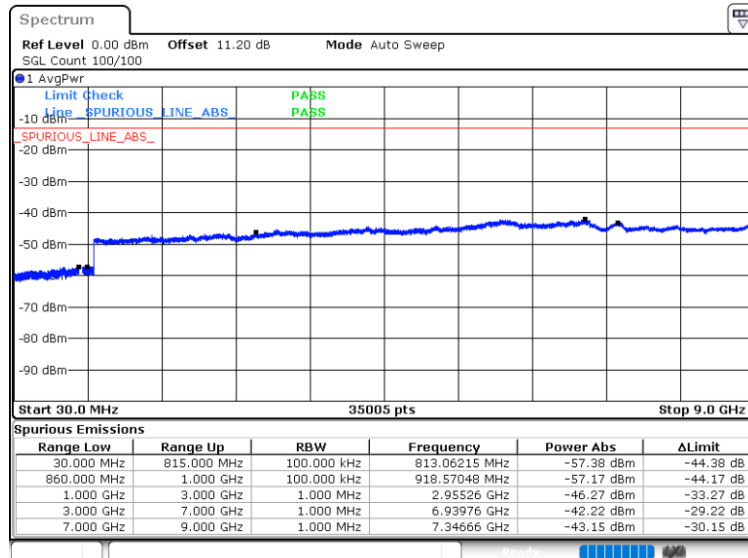
Date: 15.APR.2022 17:21:14

### Middle Channel / QPSK



Date: 15.APR.2022 17:23:54

### Highest Channel / QPSK

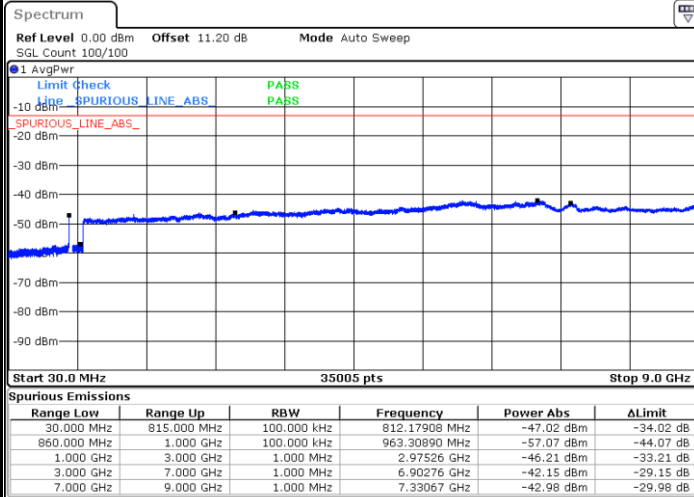


Date: 15.APR.2022 17:28:43



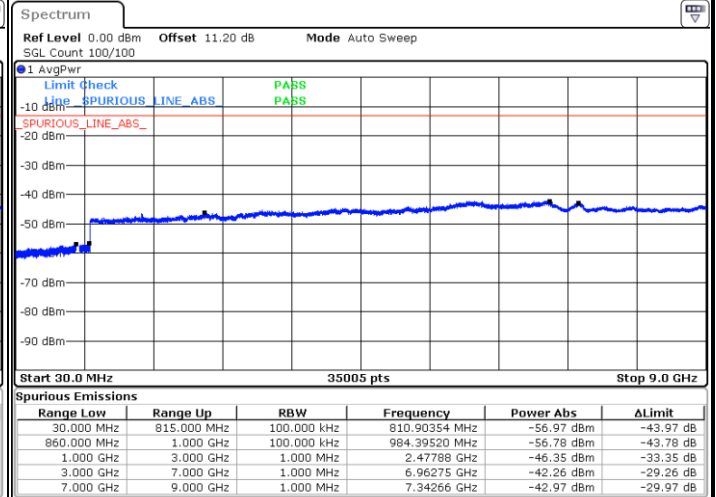
## LTE Band 26 / 3MHz

## Lowest Channel / QPSK



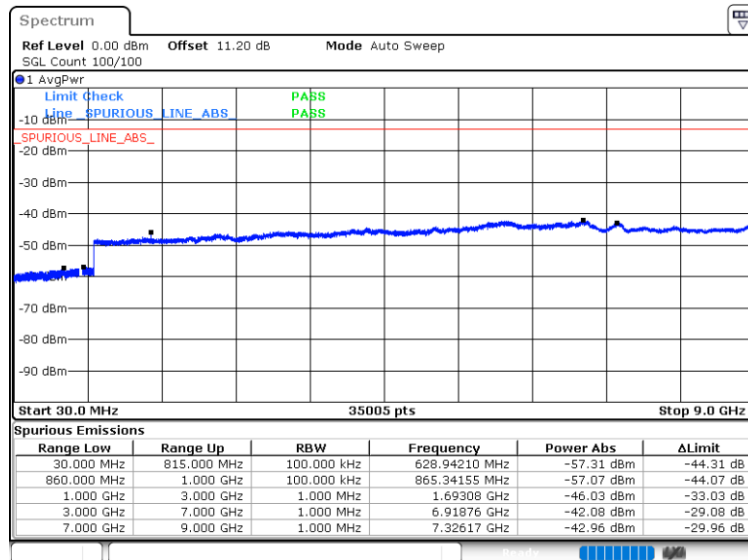
Date: 15.APR.2022 17:57:17

## Middle Channel / QPSK



Date: 15.APR.2022 17:59:57

## Highest Channel / QPSK

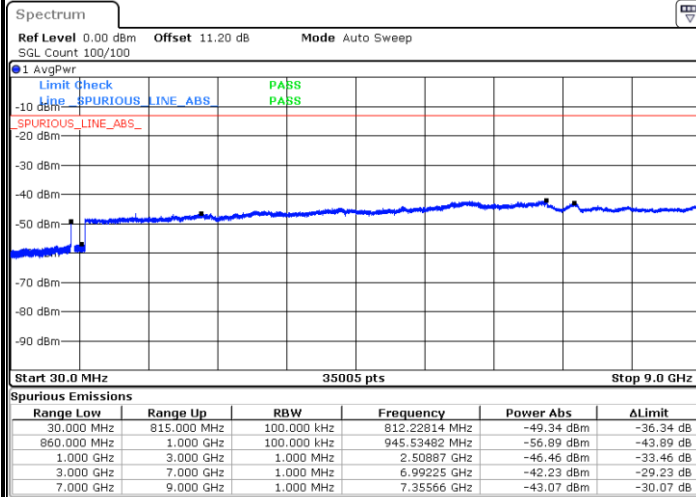


Date: 15.APR.2022 18:04:48



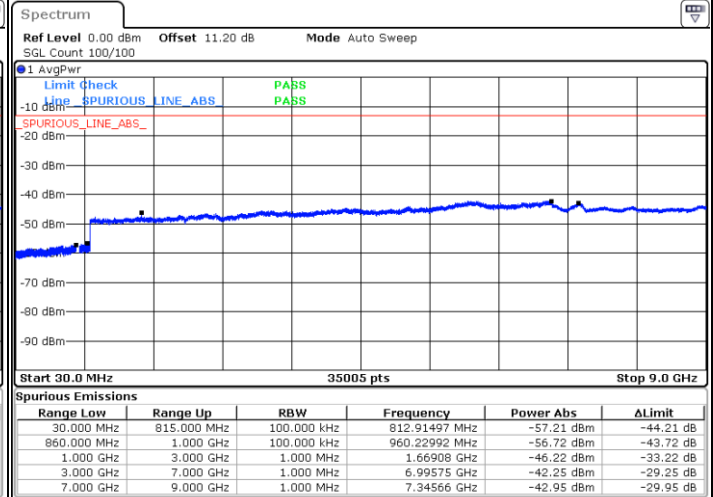
## LTE Band 26 / 5MHz

## Lowest Channel / QPSK



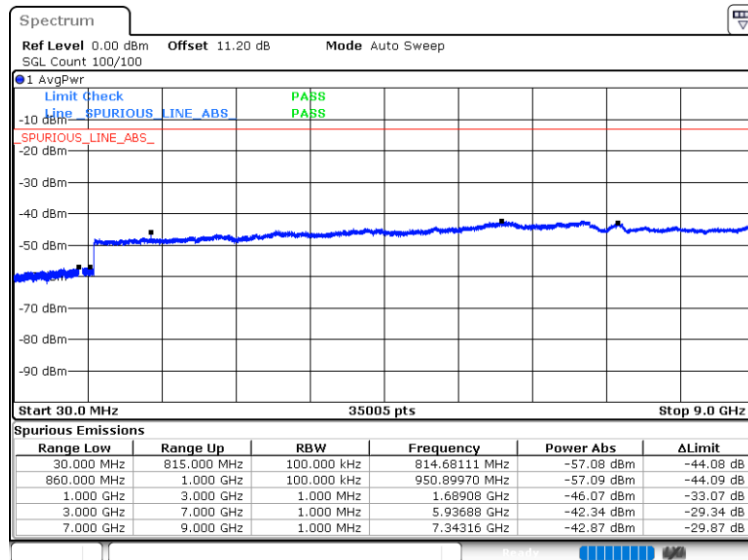
Date: 15.APR.2022 18:24:34

## Middle Channel / QPSK



Date: 15.APR.2022 18:27:14

## Highest Channel / QPSK

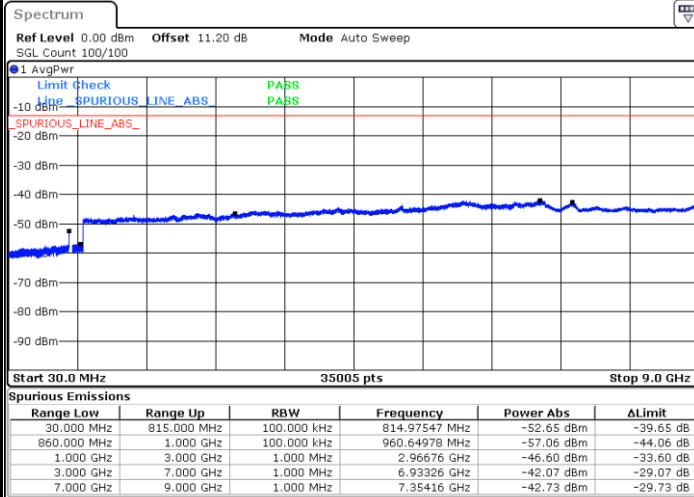


Date: 15.APR.2022 18:32:03



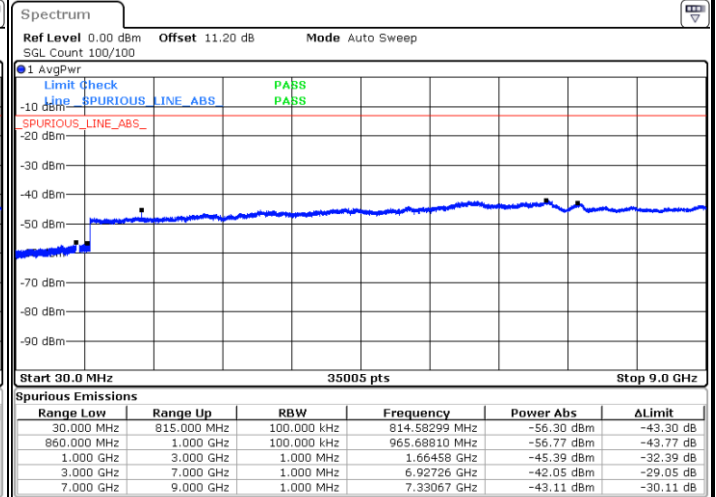
## LTE Band 26 / 10MHz

## Lowest Channel / QPSK



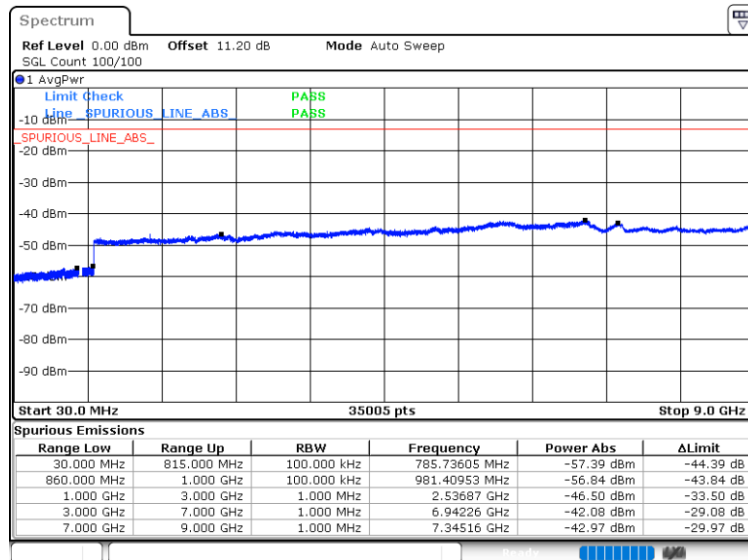
Date: 15.APR.2022 18:56:13

## Middle Channel / QPSK



Date: 15.APR.2022 18:58:53

## Highest Channel / QPSK

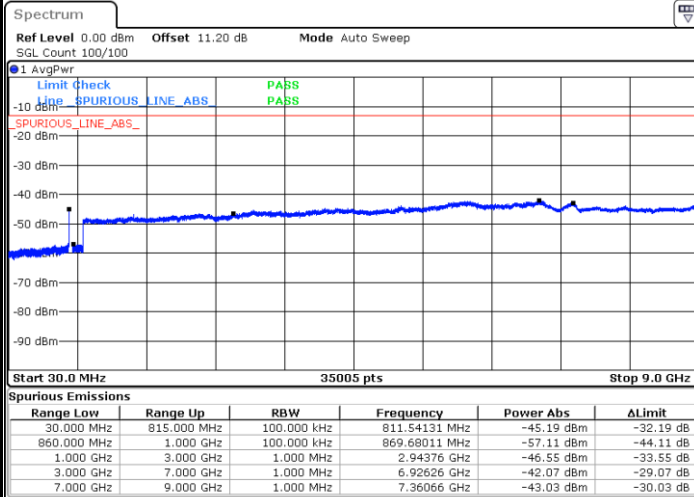


Date: 15.APR.2022 19:03:41



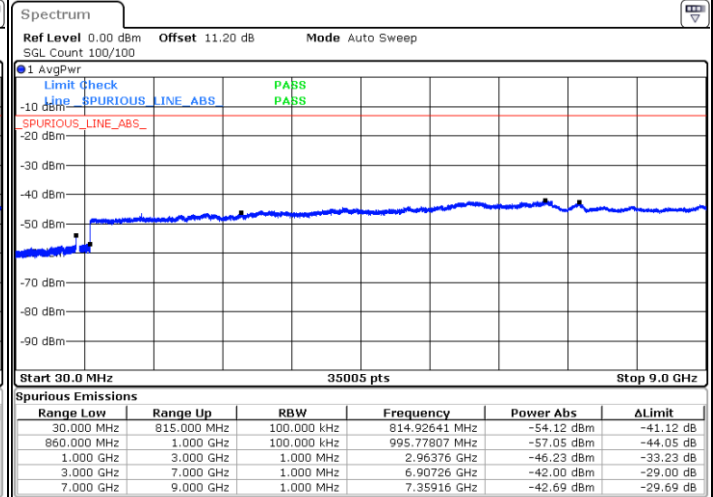
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



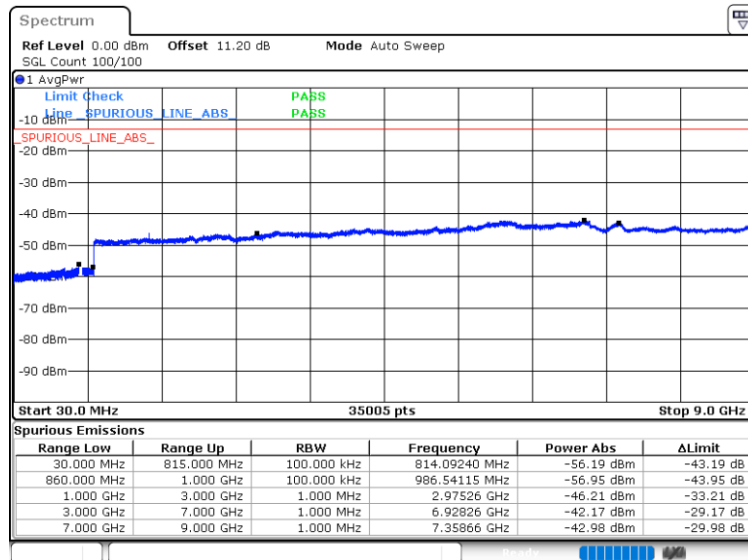
Date: 15.APR.2022 19:18:16

## Middle Channel / QPSK



Date: 15.APR.2022 19:20:55

## Highest Channel / QPSK



Date: 15.APR.2022 19:25:43

## Frequency Stability

| Test Conditions     |                   | LTE Band 26 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0067                              | PASS    |
| 40                  | Normal Voltage    | 0.0209                              |         |
| 30                  | Normal Voltage    | 0.0075                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0133                              |         |
| 0                   | Normal Voltage    | 0.0049                              |         |
| -10                 | Normal Voltage    | 0.0130                              |         |
| -20                 | Normal Voltage    | 0.0048                              |         |
| -30                 | Normal Voltage    | 0.0133                              |         |
| 20                  | Maximum Voltage   | 0.0111                              |         |
| 20                  | Normal Voltage    | 0.0086                              |         |
| 20                  | Battery End Point | 0.0207                              |         |

**Note:**

1. Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.40 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

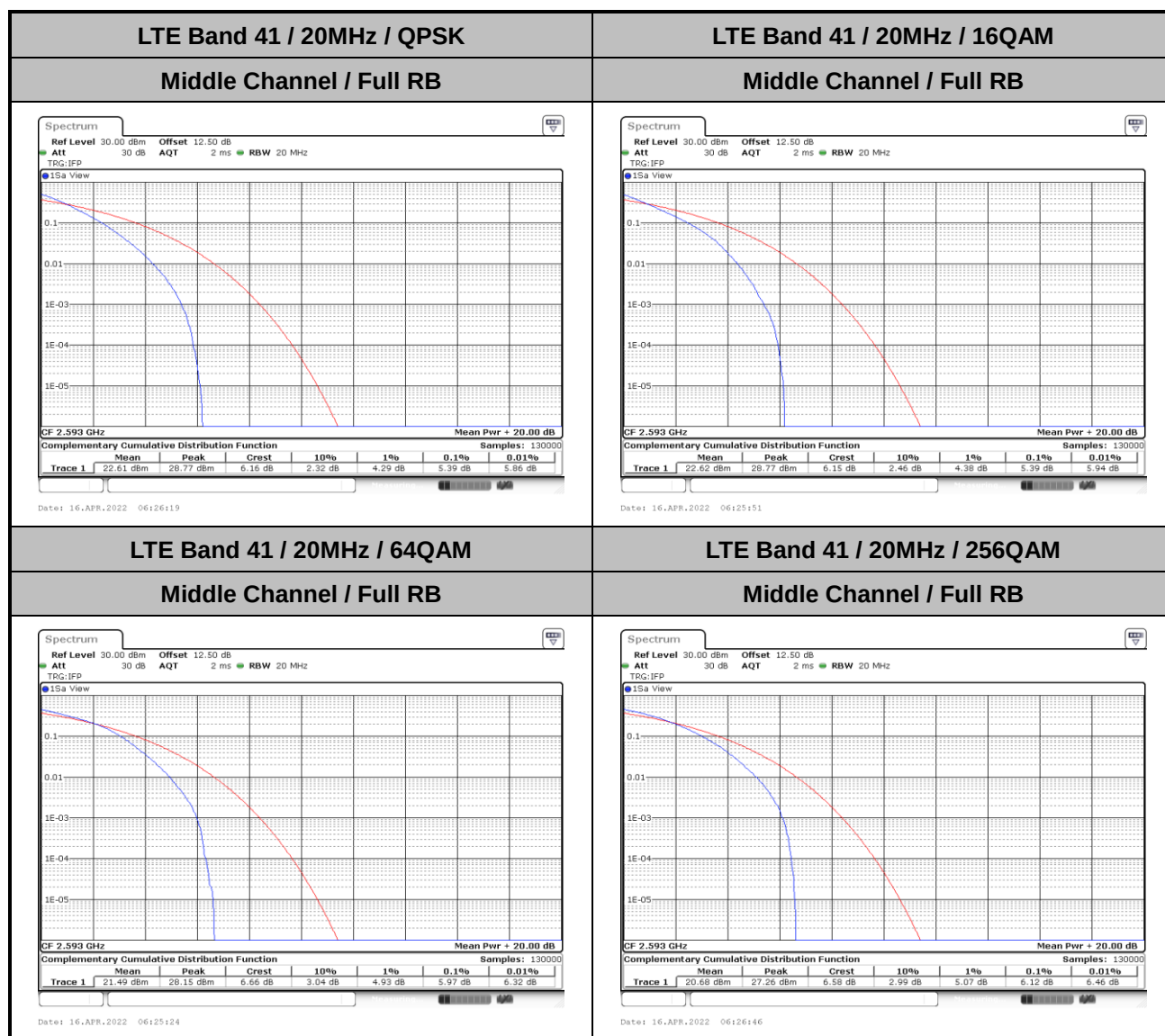




## LTE Band 41

## Peak-to-Average Ratio

| Mode      | LTE Band 41 / 20MHz |         |         |         |             |
|-----------|---------------------|---------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | 256QAM  | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Full RB | Result      |
| Middle CH | 5.39                | 5.39    | 5.97    | 6.12    | PASS        |



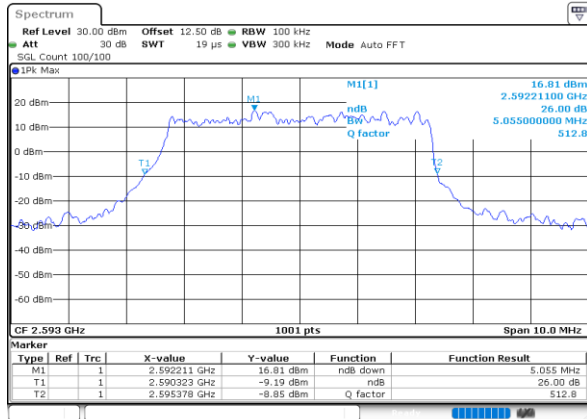
**26dB Bandwidth**

| Mode      | LTE Band 41 : 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 | -                          | -       | -     | -       | 5.06  | 4.99    | 9.69  | 9.83    | 14.21 | 15.50   | 18.66 | 18.74   |
| Mode      | LTE Band 41 : 26dB BW(MHz) |         |       |         |       |         |       |         |       |         |       |         |
| BW        | 1.4MHz                     |         | 3MHz  |         | 5MHz  |         | 10MHz |         | 15MHz |         | 20MHz |         |
| Mod.      | 64QAM                      | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM |
| Middle CH | -                          | -       | -     | -       | 5.10  | 5.25    | 9.83  | 9.71    | 14.75 | 14.66   | 18.66 | 19.22   |

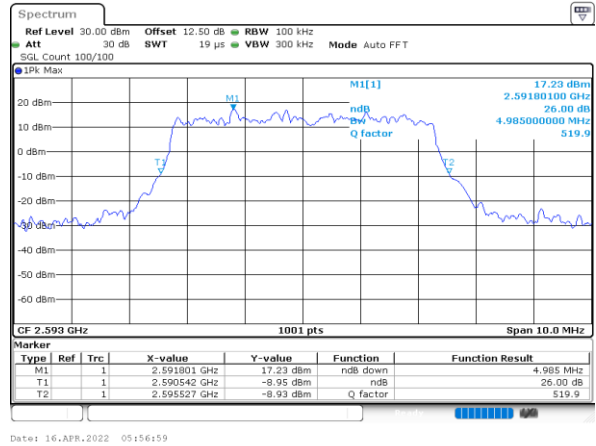


## LTE Band 41

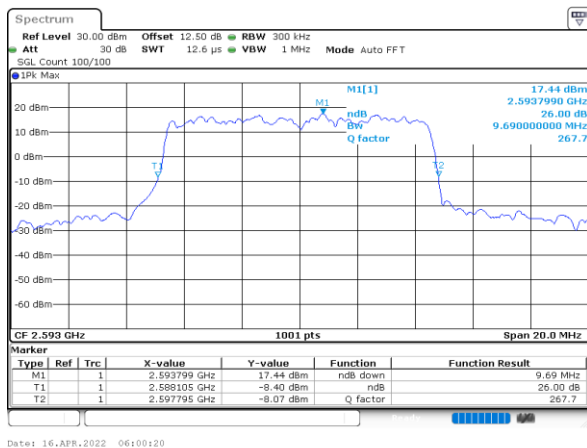
## Middle Channel / 5MHz / QPSK



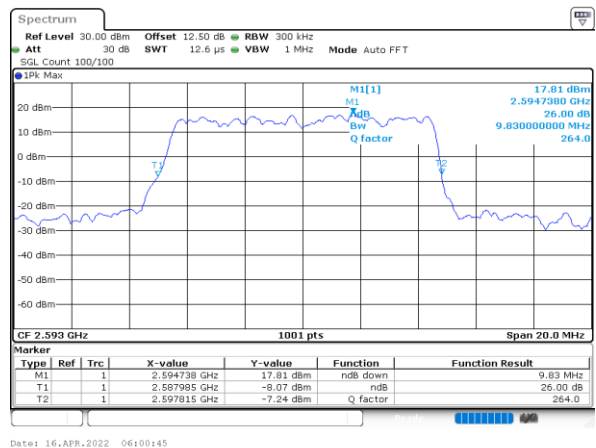
## Middle Channel / 5MHz / 16QAM



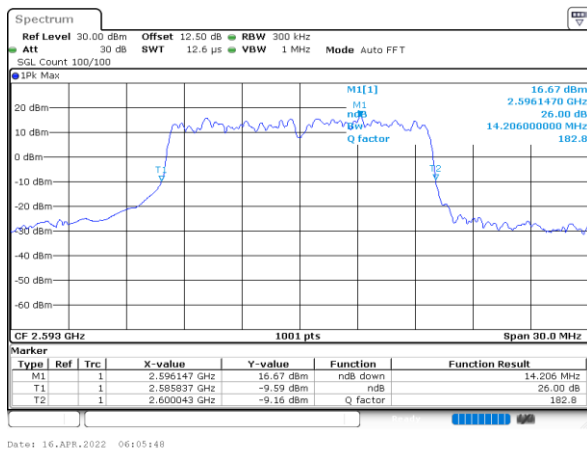
## Middle Channel / 10MHz / QPSK



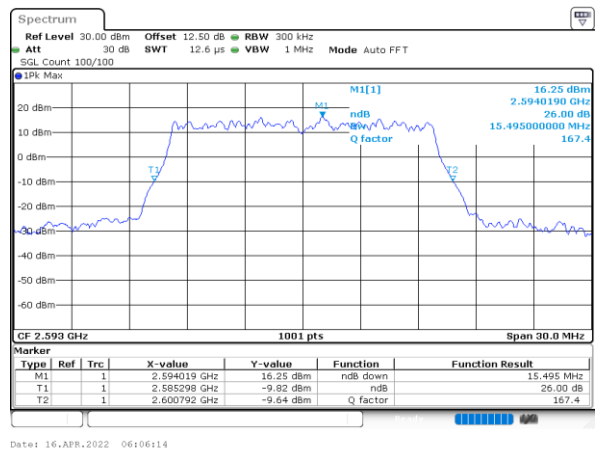
## Middle Channel / 10MHz / 16QAM



## Middle Channel / 15MHz / QPSK



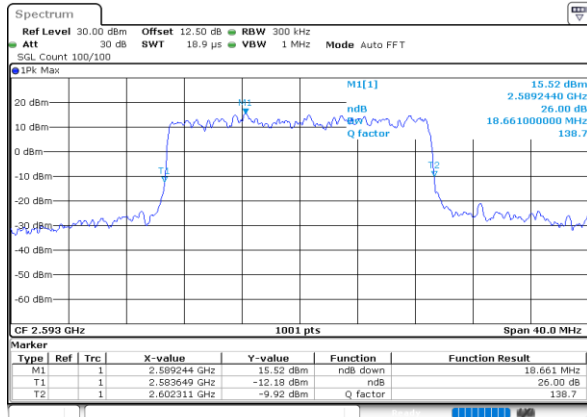
## Middle Channel / 15MHz / 16QAM





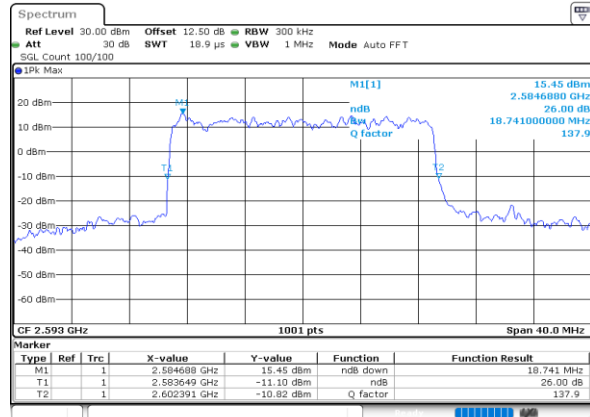
## LTE Band 41

## Middle Channel / 20MHz / QPSK



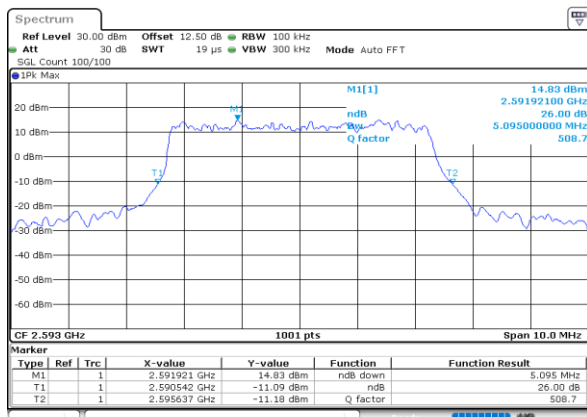
Date: 16.APR.2022 06:11:43

## Middle Channel / 20MHz / 16QAM



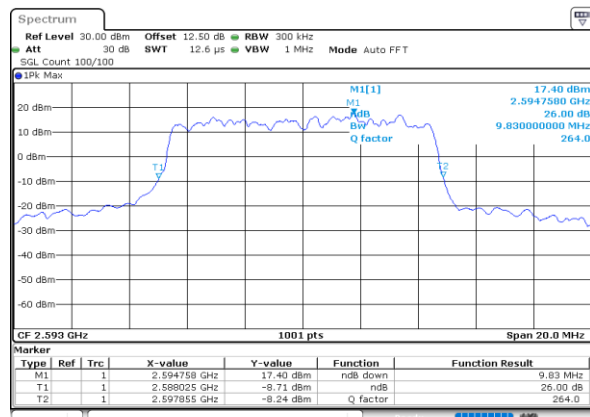
Date: 16.APR.2022 06:12:09

## Middle Channel / 5MHz / 64QAM



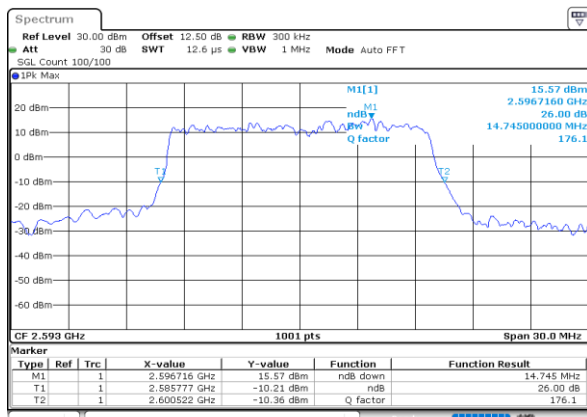
Date: 16.APR.2022 06:19:09

## Middle Channel / 10MHz / 64QAM



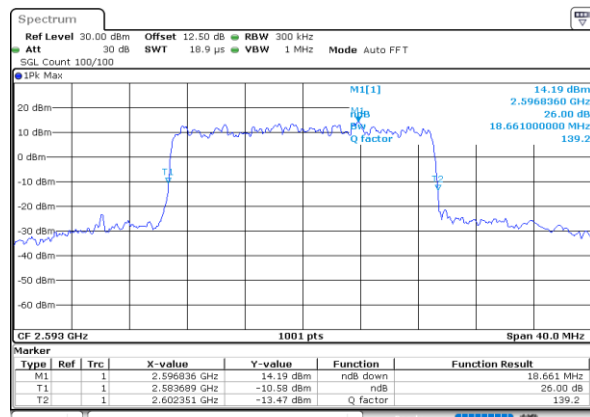
Date: 16.APR.2022 06:12:100

## Middle Channel / 15MHz / 64QAM



Date: 16.APR.2022 06:22:26

## Middle Channel / 20MHz / 64QAM

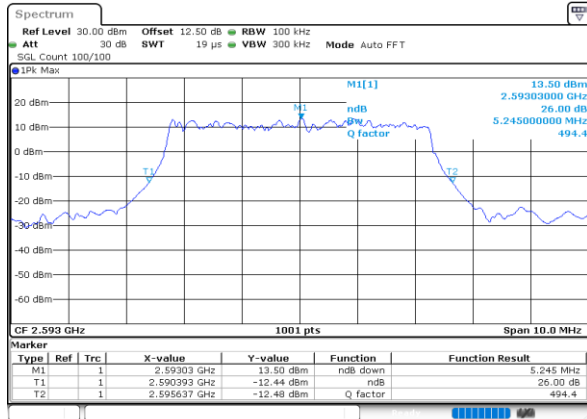


Date: 16.APR.2022 06:25:09

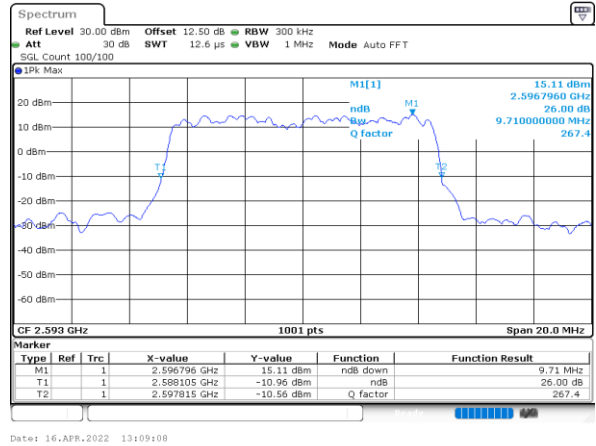


## LTE Band 41

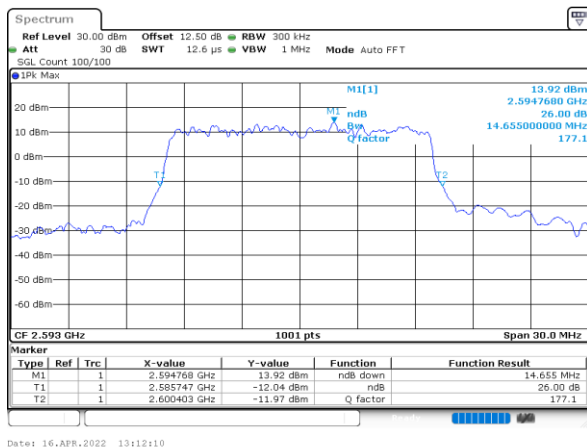
## Middle Channel / 5MHz / 256QAM



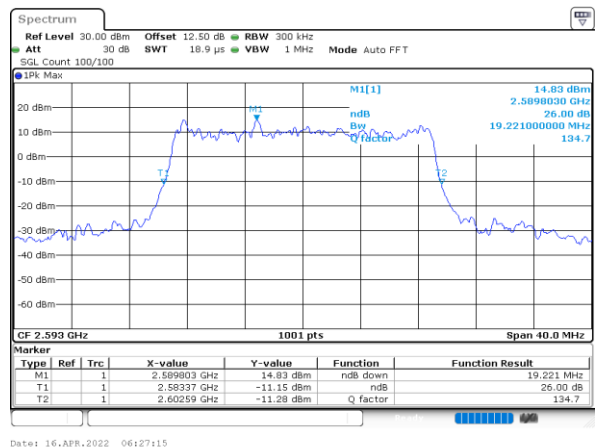
## Middle Channel / 10MHz / 256QAM



## Middle Channel / 15MHz / 256QAM



## Middle Channel / 20MHz / 256QAM



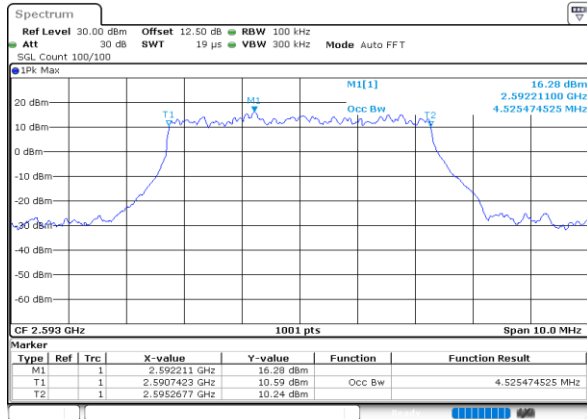
**Occupied Bandwidth**

| Mode      | LTE Band 41 : 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 | -                         | -       | -     | -       | 4.53  | 4.53    | 9.09  | 8.99    | 13.40 | 13.43   | 17.98 | 17.98   |
| Mode      | LTE Band 41 : 99%OBW(MHz) |         |       |         |       |         |       |         |       |         |       |         |
| BW        | 1.4MHz                    |         | 3MHz  |         | 5MHz  |         | 10MHz |         | 15MHz |         | 20MHz |         |
| Mod.      | 64QAM                     | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM |
| Middle CH | -                         | -       | -     | -       | 4.48  | 4.52    | 9.05  | 9.03    | 13.43 | 13.46   | 17.82 | 17.90   |

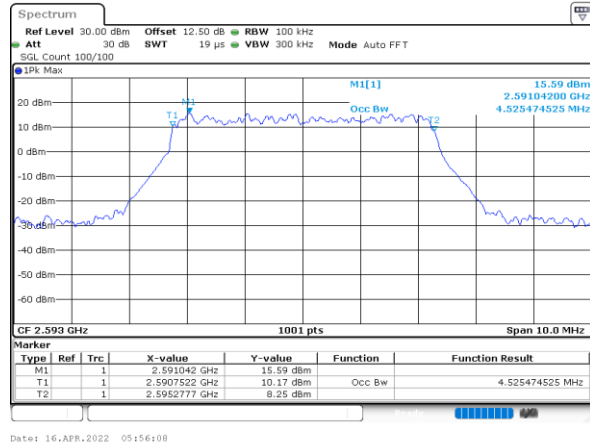


## LTE Band 41

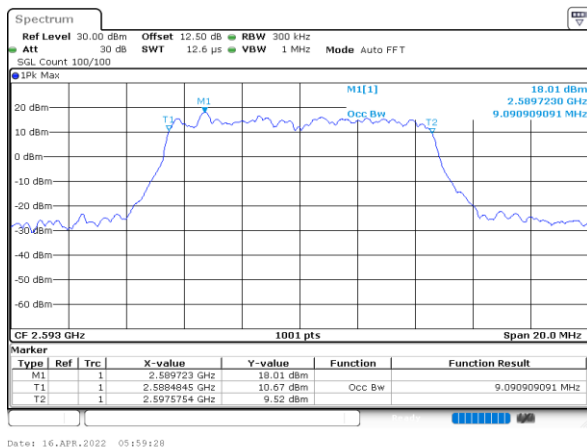
## Middle Channel / 5MHz / QPSK



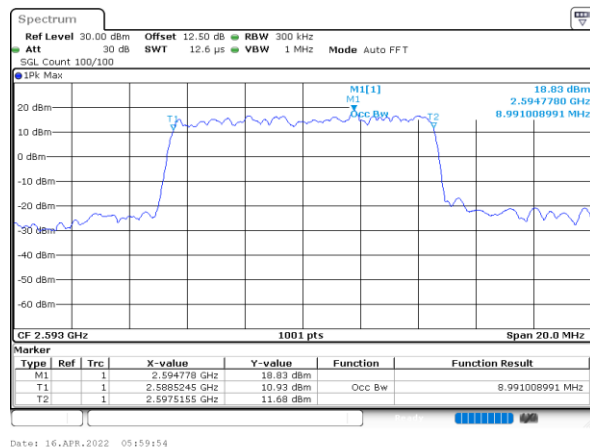
## Middle Channel / 5MHz / 16QAM



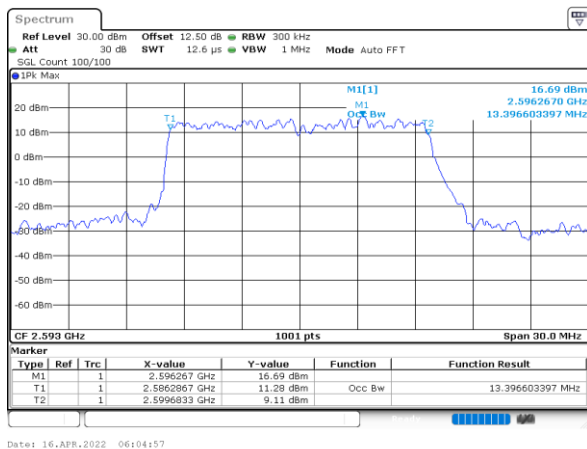
## Middle Channel / 10MHz / QPSK



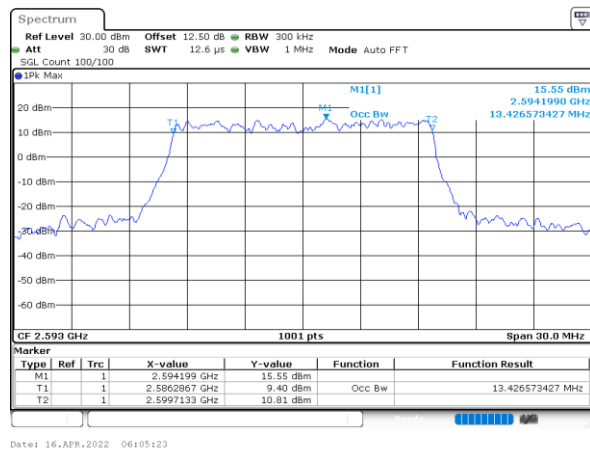
## Middle Channel / 10MHz / 16QAM



## Middle Channel / 15MHz / QPSK



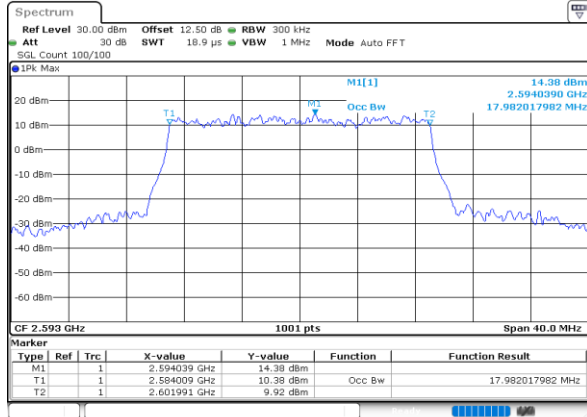
## Middle Channel / 15MHz / 16QAM



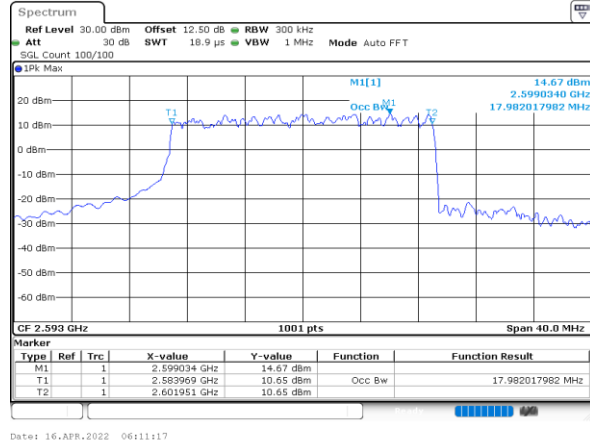


## LTE Band 41

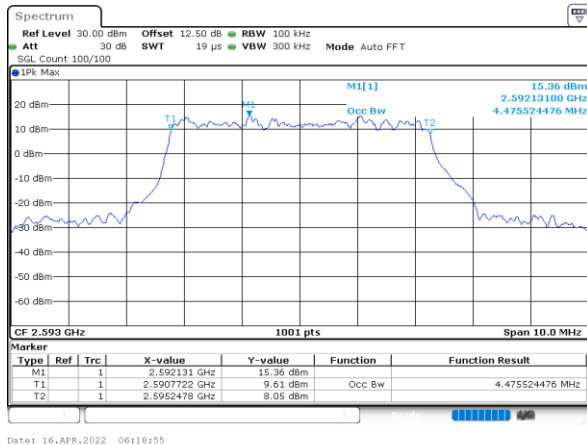
## Middle Channel / 20MHz / QPSK



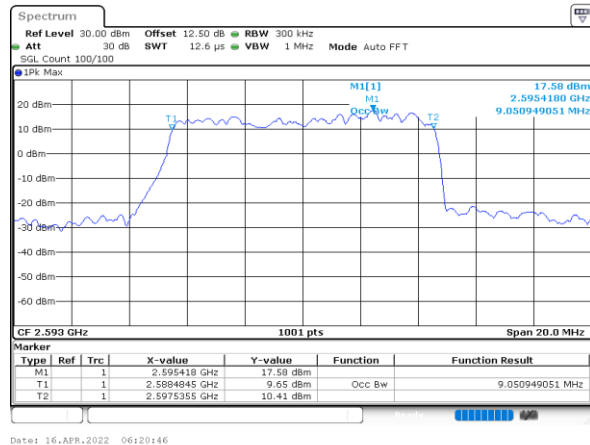
## Middle Channel / 20MHz / 16QAM



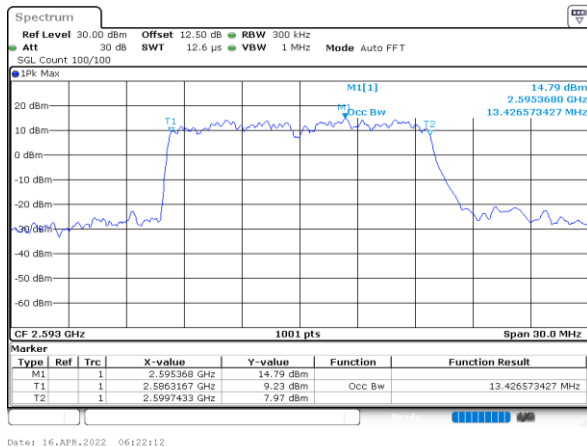
## Middle Channel / 5MHz / 64QAM



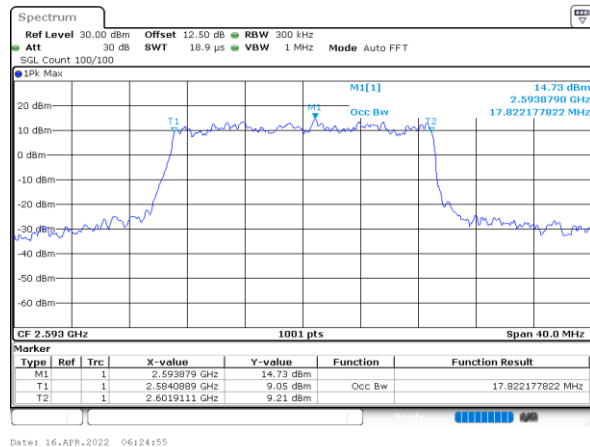
## Middle Channel / 10MHz / 64QAM



## Middle Channel / 15MHz / 64QAM



## Middle Channel / 20MHz / 64QAM

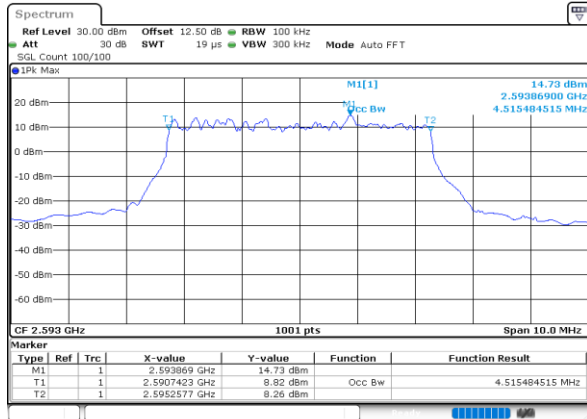




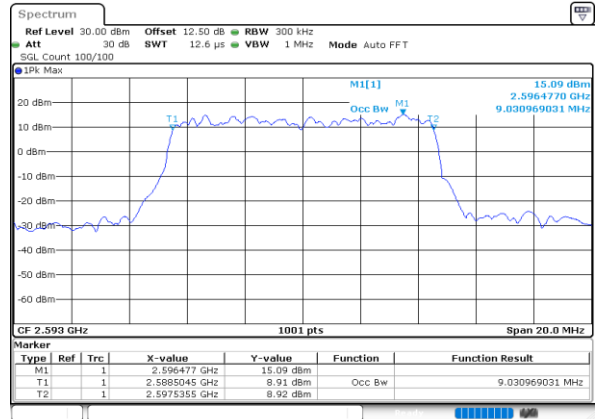


## LTE Band 41

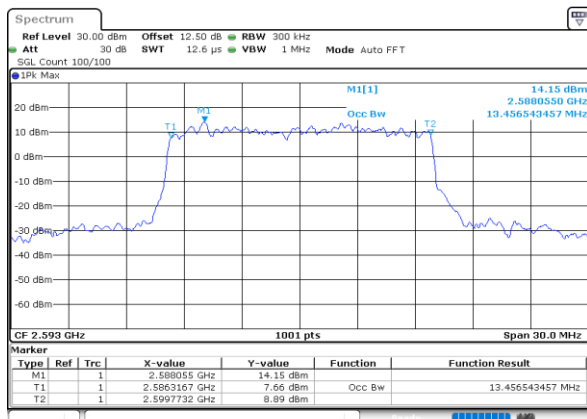
## Middle Channel / 5MHz / 256QAM



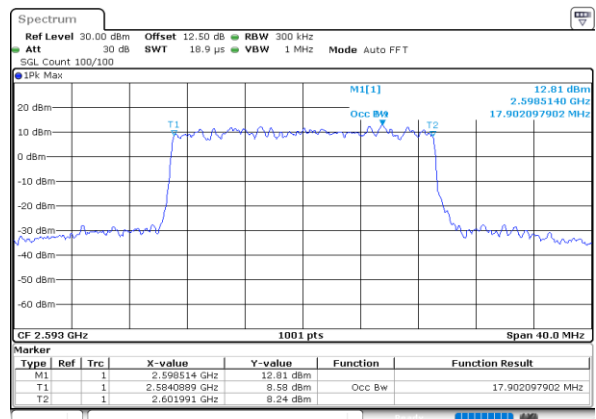
## Middle Channel / 10MHz / 256QAM

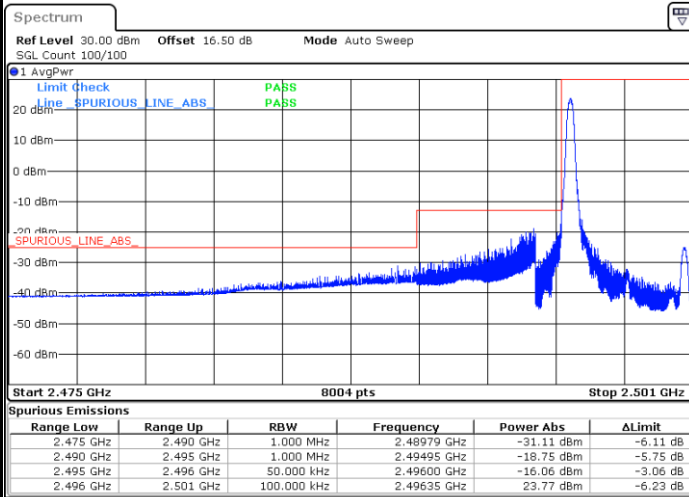
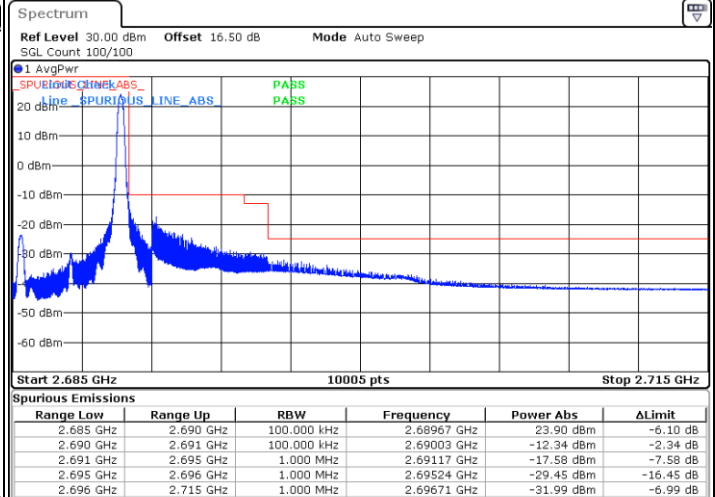
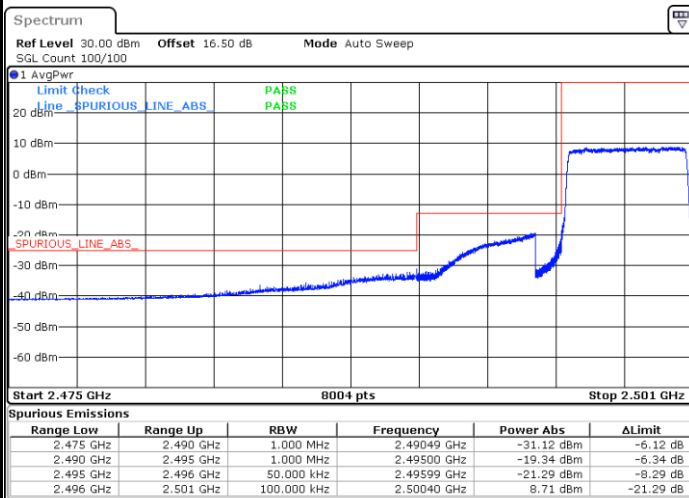
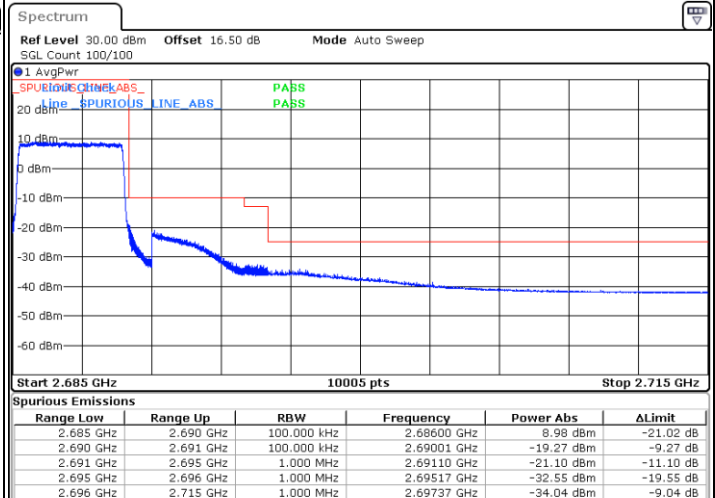


## Middle Channel / 15MHz / 256QAM



## Middle Channel / 20MHz / 256QAM

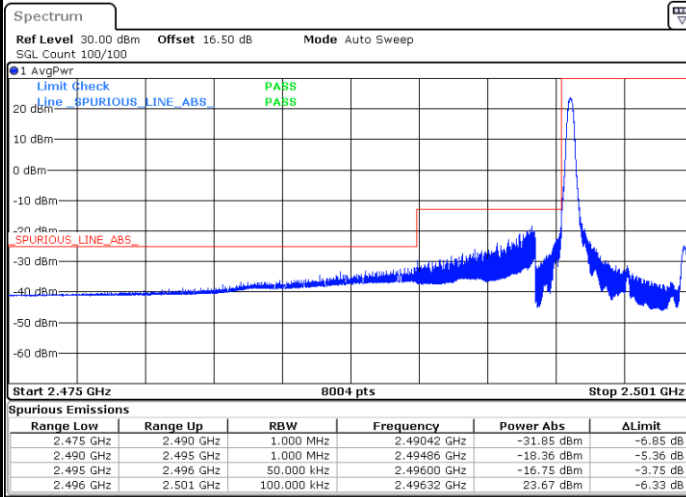


**Conducted Band Edge****LTE Band 41 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



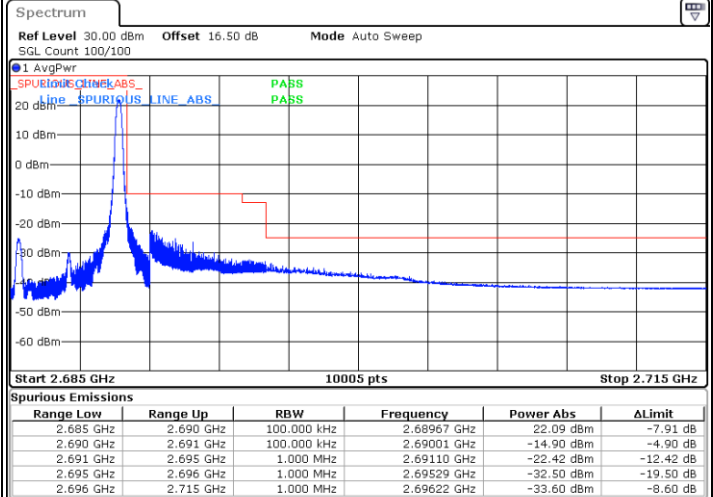
## LTE Band 41 / 5MHz / 16QAM

## Lowest Band Edge / 1RB



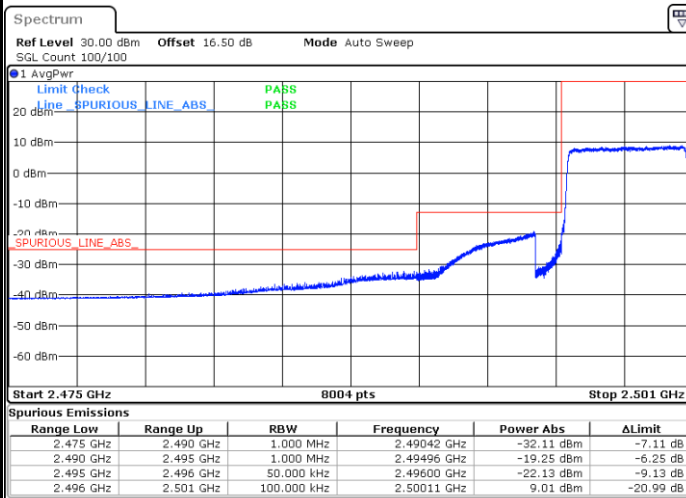
Date: 31.MAR.2022 23:50:53

## Highest Band Edge / 1 RB



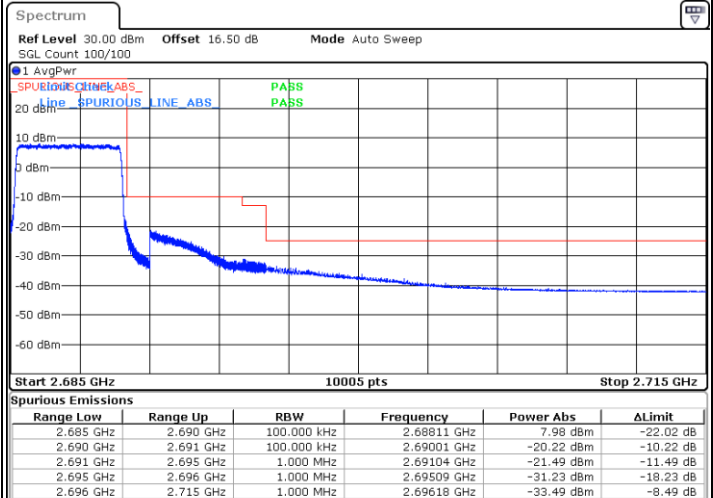
Date: 31.MAR.2022 23:55:26

## Lowest Band Edge / Full RB



Date: 31.MAR.2022 23:53:39

## Highest Band Edge / Full RB

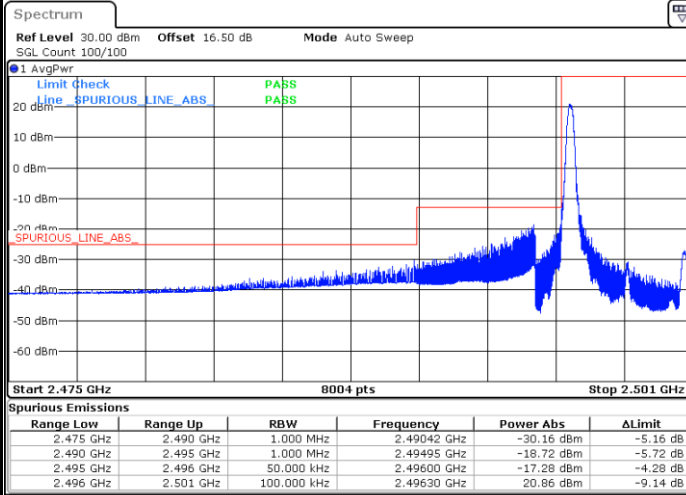


Date: 31.MAR.2022 23:57:13



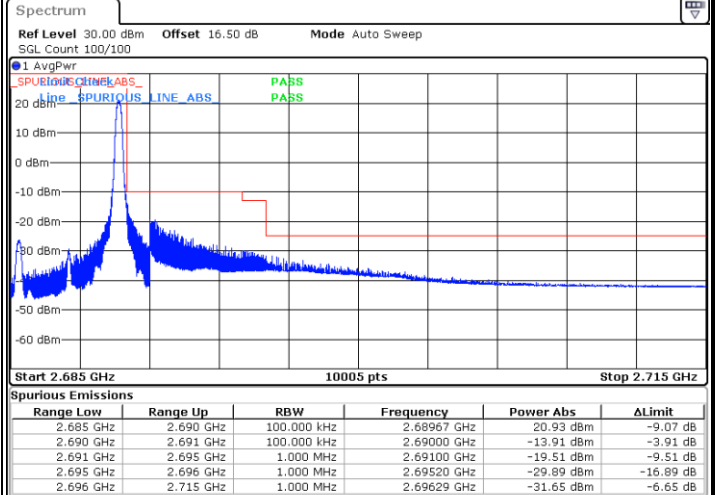
## LTE Band 41 / 5MHz / 64QAM

## Lowest Band Edge / 1RB



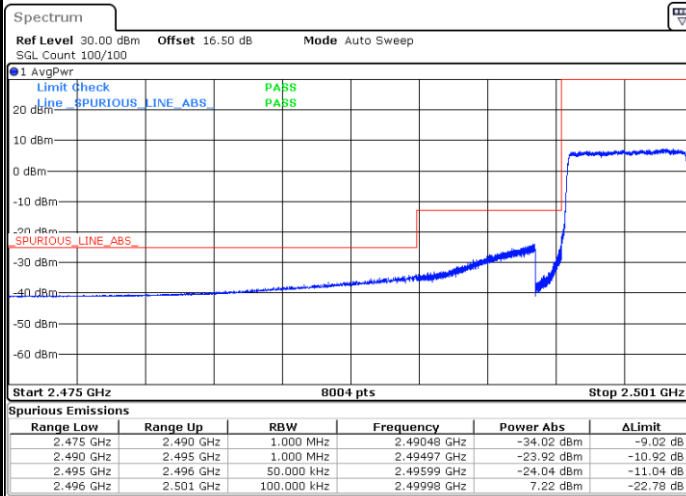
Date: 31.MAR.2022 23:58:06

## Highest Band Edge / 1 RB



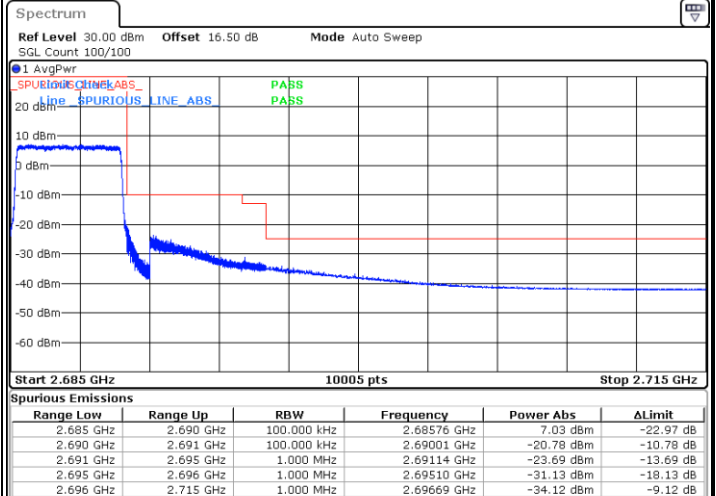
Date: 31.MAR.2022 23:59:53

## Lowest Band Edge / Full RB



Date: 31.MAR.2022 23:58:59

## Highest Band Edge / Full RB

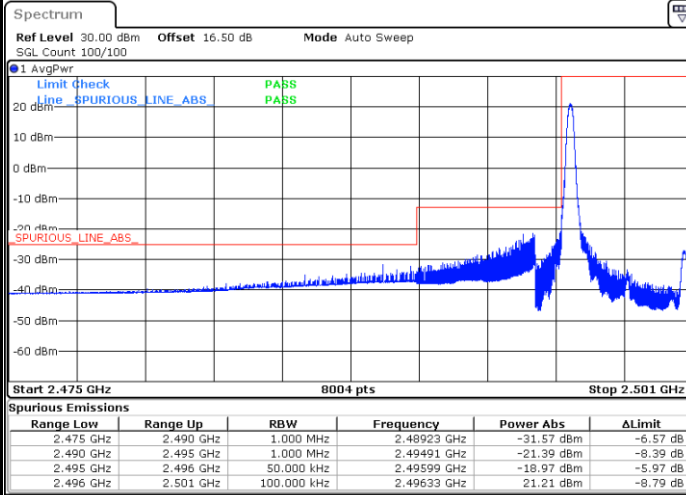


Date: 1.APR.2022 00:00:46



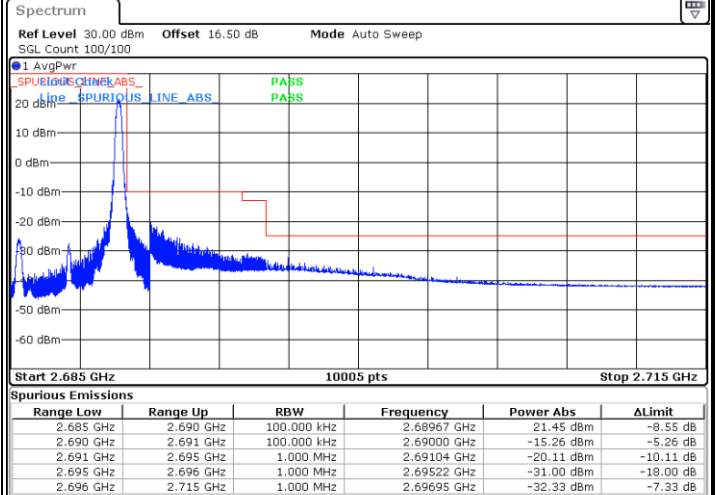
## LTE Band 41 / 5MHz / 256QAM

## Lowest Band Edge / 1RB



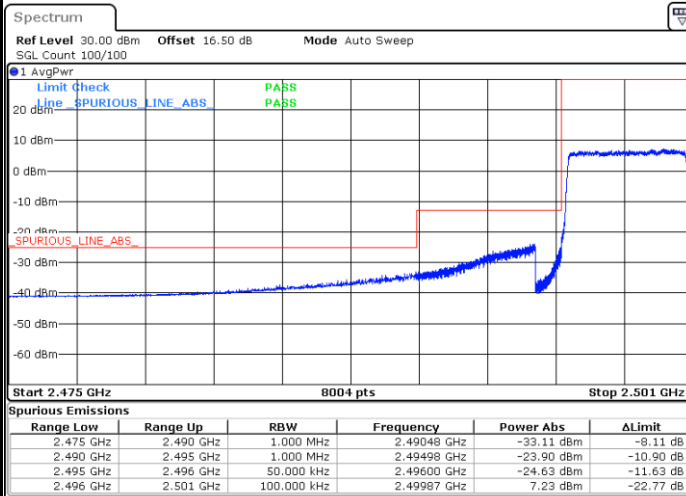
Date: 1.APR.2022 01:32:17

## Highest Band Edge / 1 RB



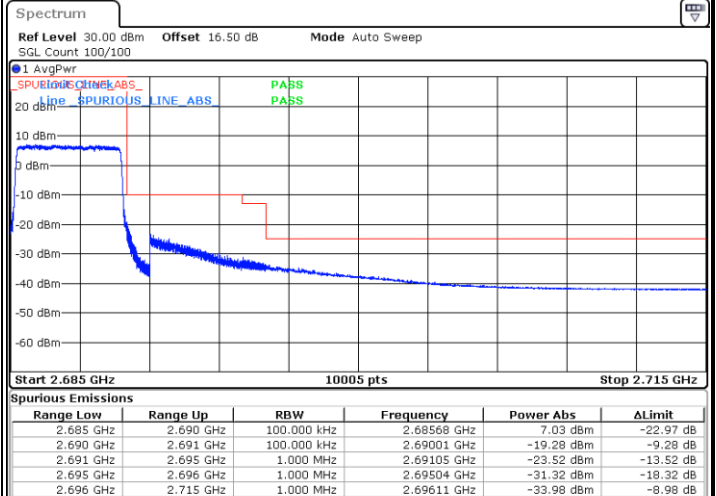
Date: 1.APR.2022 01:41:17

## Lowest Band Edge / Full RB



Date: 1.APR.2022 01:34:07

## Highest Band Edge / Full RB

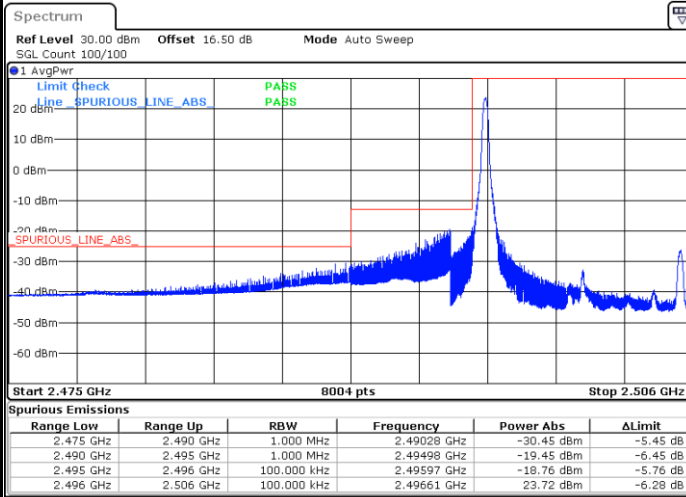


Date: 1.APR.2022 01:35:33



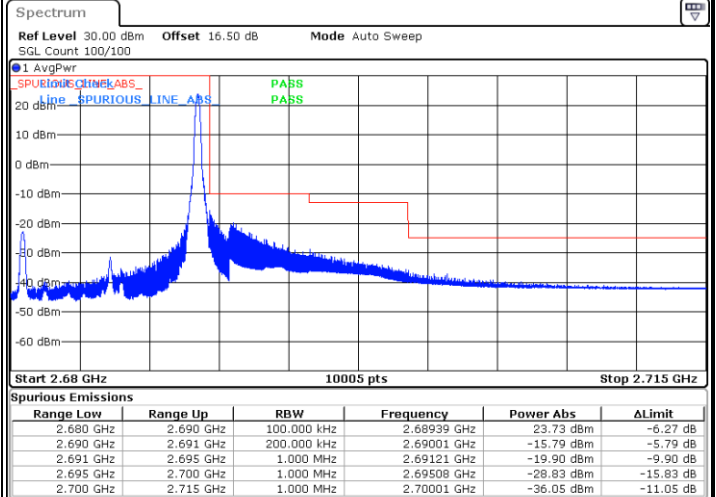
## LTE Band 41 / 10MHz / QPSK

## Lowest Band Edge / 1 RB



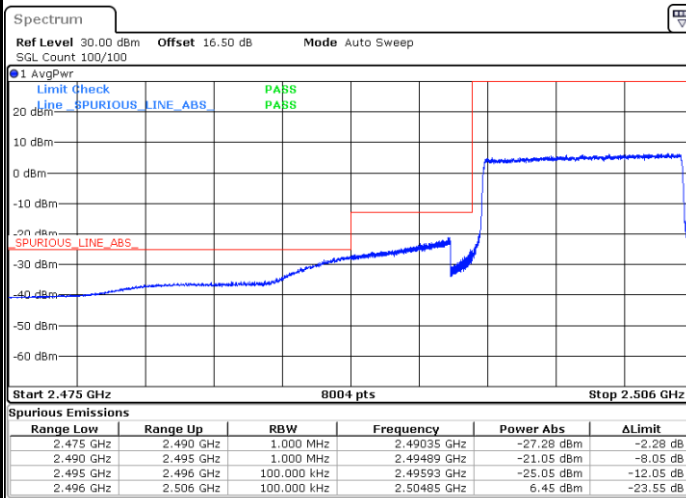
Date: 1.APR.2022 00:01:43

## Highest Band Edge / 1 RB



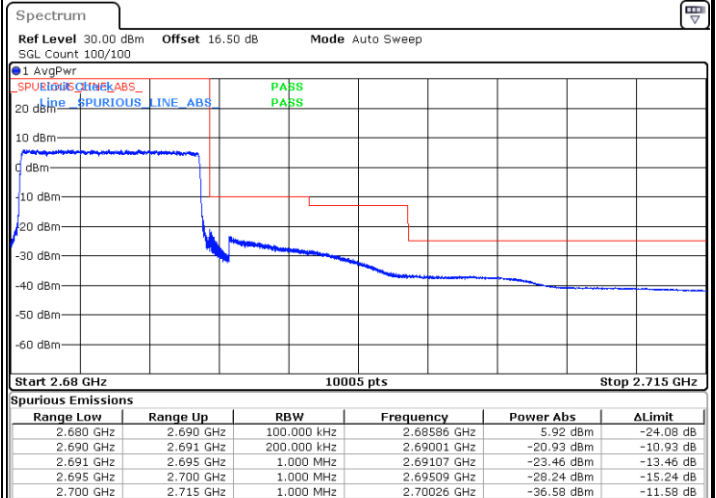
Date: 1.APR.2022 00:05:16

## Lowest Band Edge / Full RB



Date: 1.APR.2022 00:03:29

## Highest Band Edge / Full RB



Date: 1.APR.2022 00:07:03