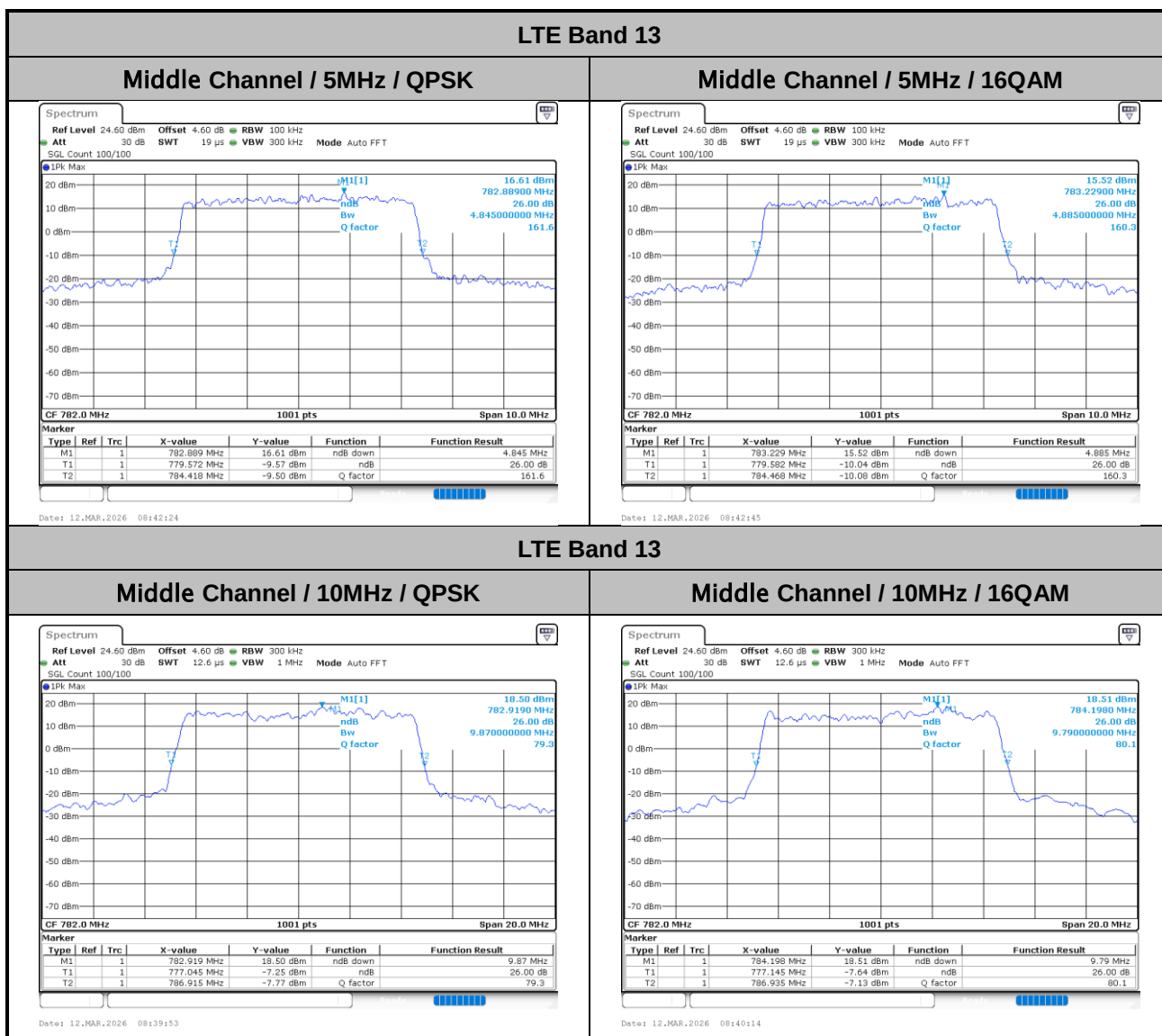


**26dB Bandwidth**

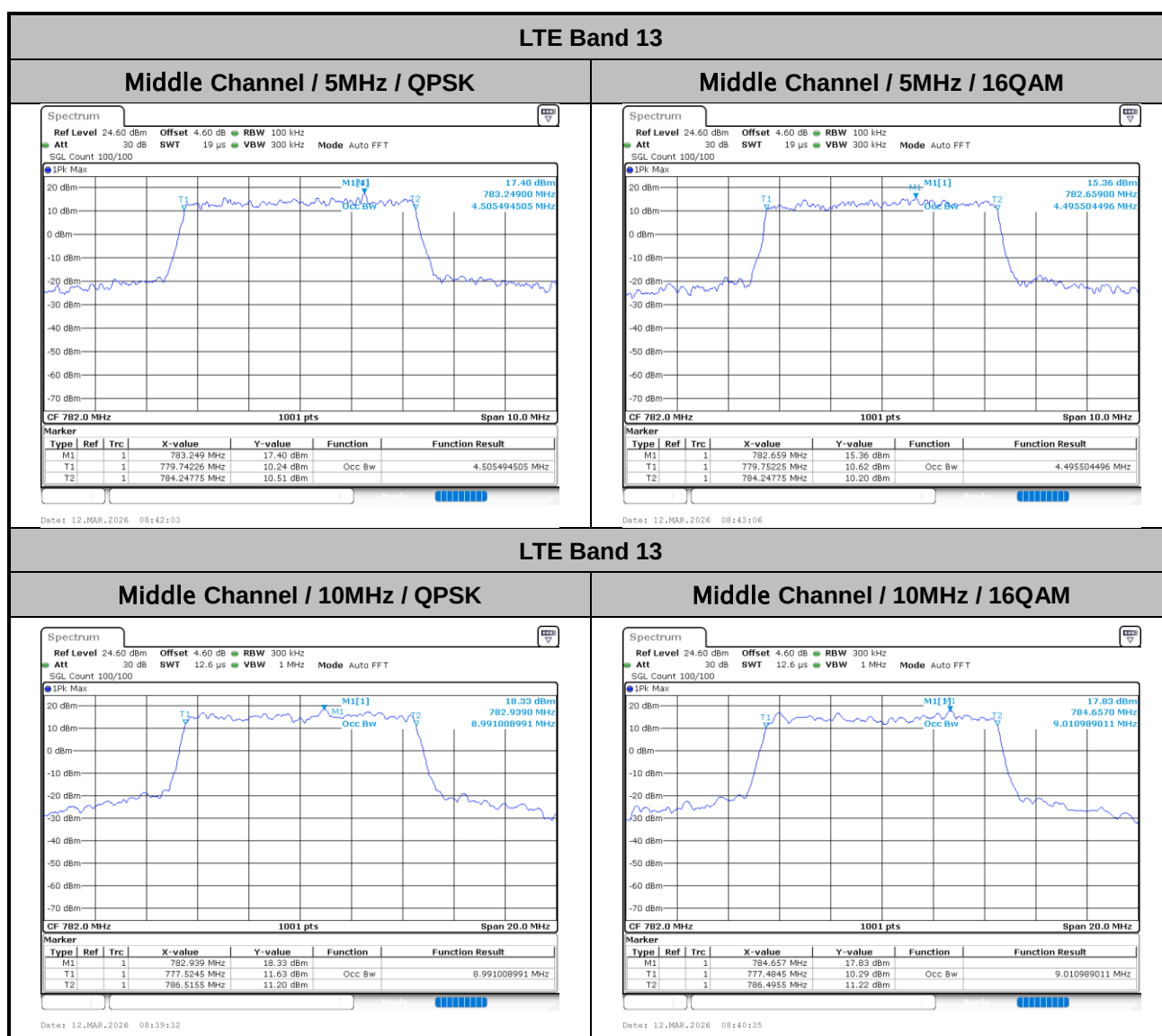
| Mode      | LTE Band 13 : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 5MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 4.85                       | 4.89  |
| BW        | 10MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 9.87                       | 9.79  |





## Occupied Bandwidth

| Mode      | LTE Band 13 : 99%OBW(MHz) |       |
|-----------|---------------------------|-------|
| BW        | 5MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 4.51                      | 4.50  |
| BW        | 10MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 8.99                      | 9.01  |

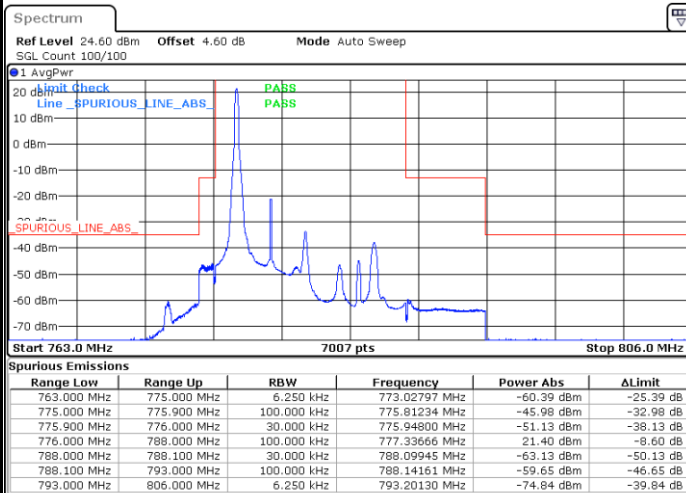




# Conducted Band Edge

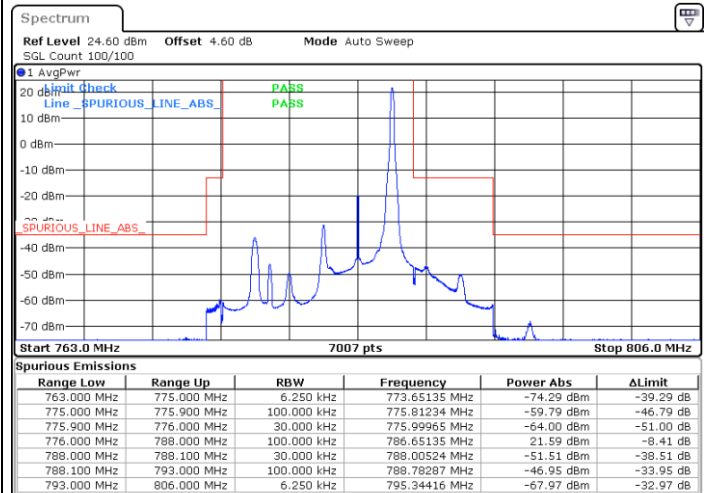
## LTE Band 13 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



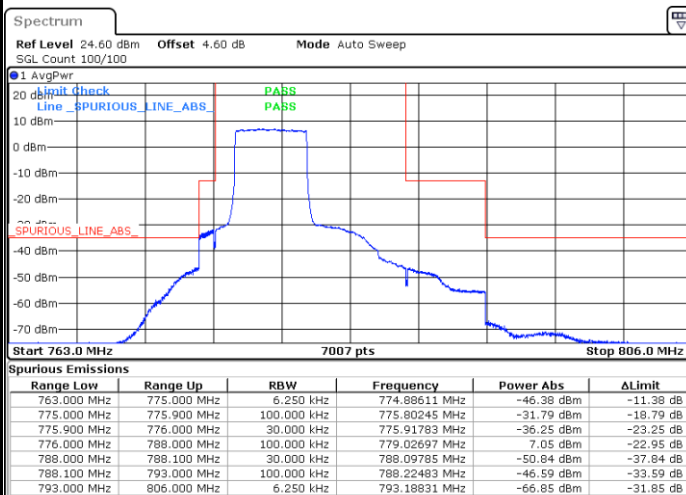
Date: 12.MAR.2026 08:22:13

### Highest Band Edge / 1 RB



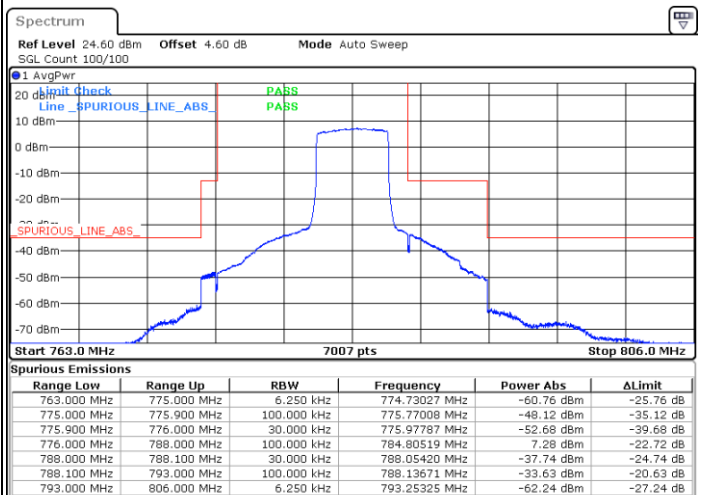
Date: 12.MAR.2026 08:29:53

### Lowest Band Edge / Full RB



Date: 12.MAR.2026 08:24:04

### Highest Band Edge / Full RB

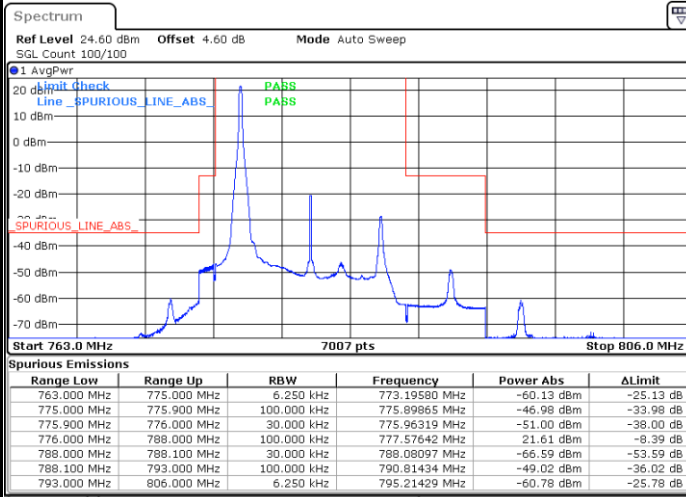


Date: 12.MAR.2026 08:31:43



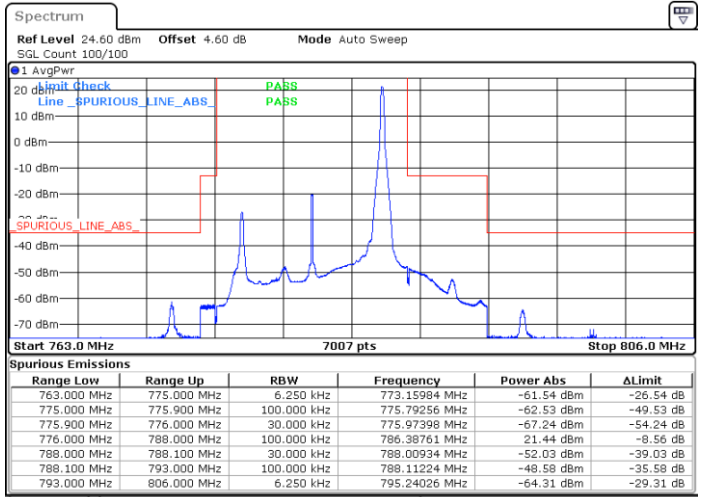
## LTE Band 13 / 10MHz / QPSK

## middle Band Edge / 1 RB



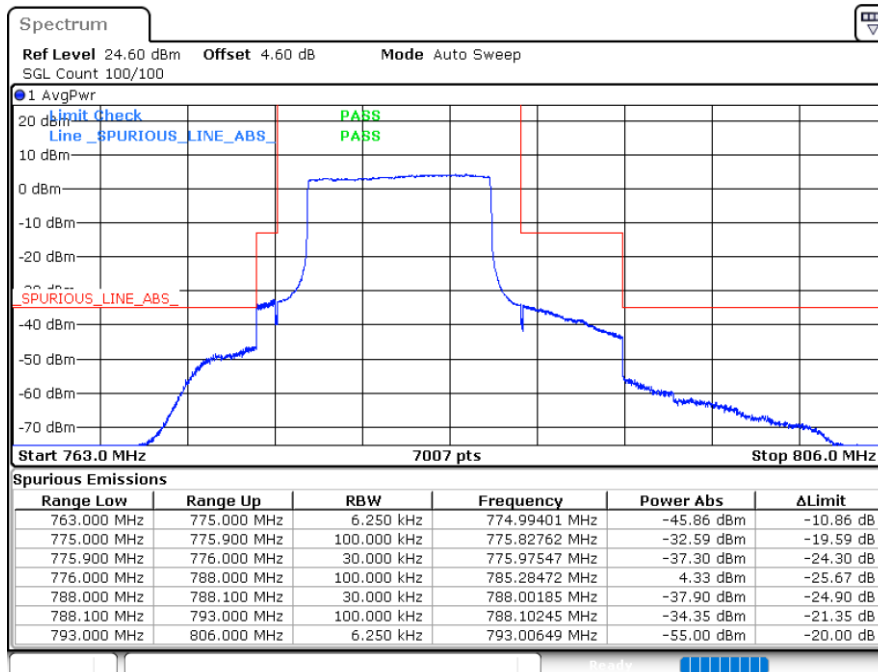
Date: 12.MAR.2026 08:35:32

## middle Band Edge / 1 RB



Date: 12.MAR.2026 08:39:11

## Middle Band Edge / Full RB



Date: 12.MAR.2026 08:37:22

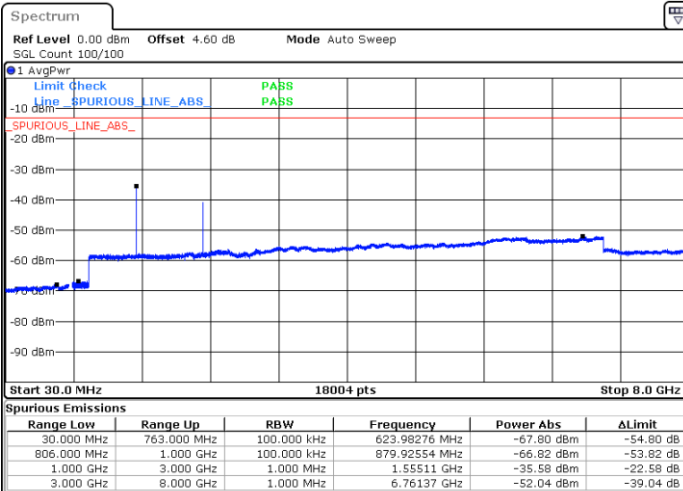


## Conducted Spurious Emission

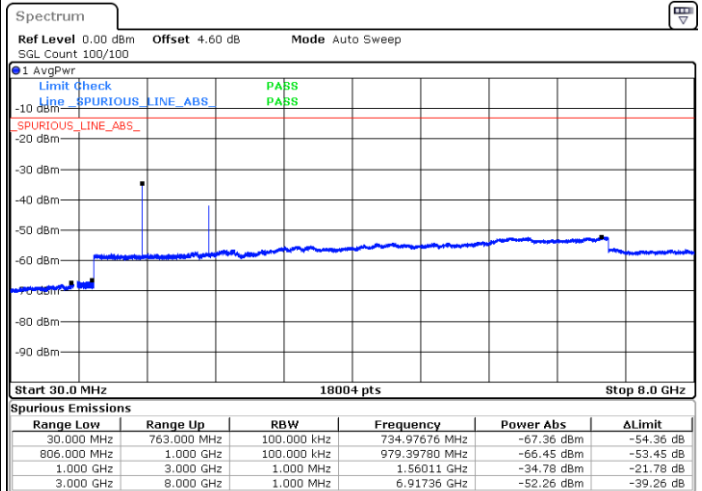
### LTE Band 13 / 5MHz

#### Lowest Channel / QPSK

#### Middle Channel / QPSK

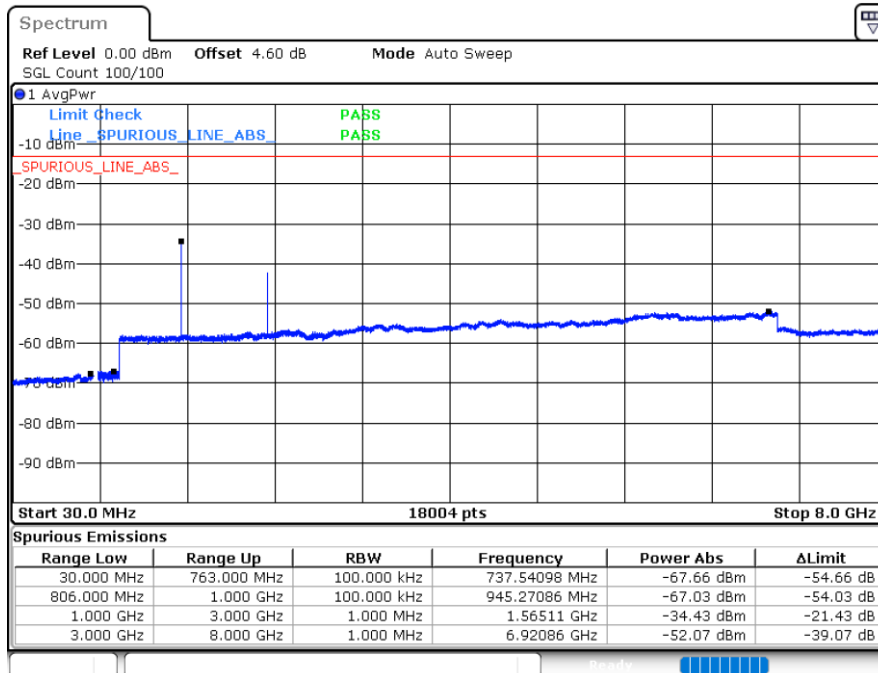


Date: 12.MAR.2026 08:20:23



Date: 12.MAR.2026 08:26:03

#### Highest Channel / QPSK

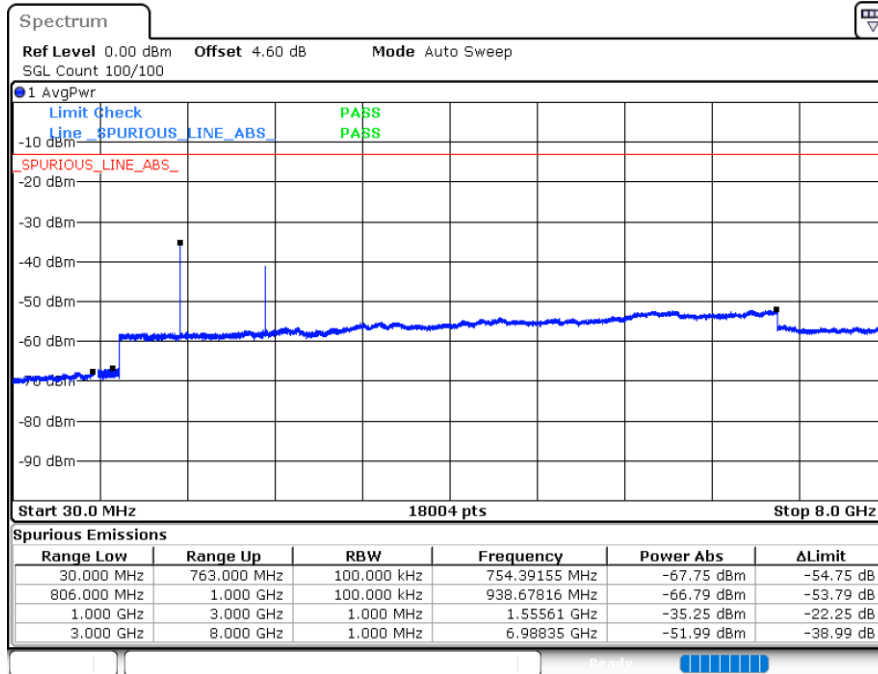


Date: 12.MAR.2026 08:28:03



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 13-Mar-2026 08:33:42

## Frequency Stability

| Test Conditions  |                   | LTE Band 13 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0038                              | PASS    |
| 40               | Normal Voltage    | 0.0042                              |         |
| 30               | Normal Voltage    | 0.0019                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0018                              |         |
| 0                | Normal Voltage    | 0.0064                              |         |
| -10              | Normal Voltage    | 0.0078                              |         |
| -20              | Normal Voltage    | 0.0032                              |         |
| -30              | Normal Voltage    | 0.0015                              |         |
| 20               | Maximum Voltage   | 0.0004                              |         |
| 20               | Normal Voltage    | 0.0012                              |         |
| 20               | Battery End Point | 0.0020                              |         |

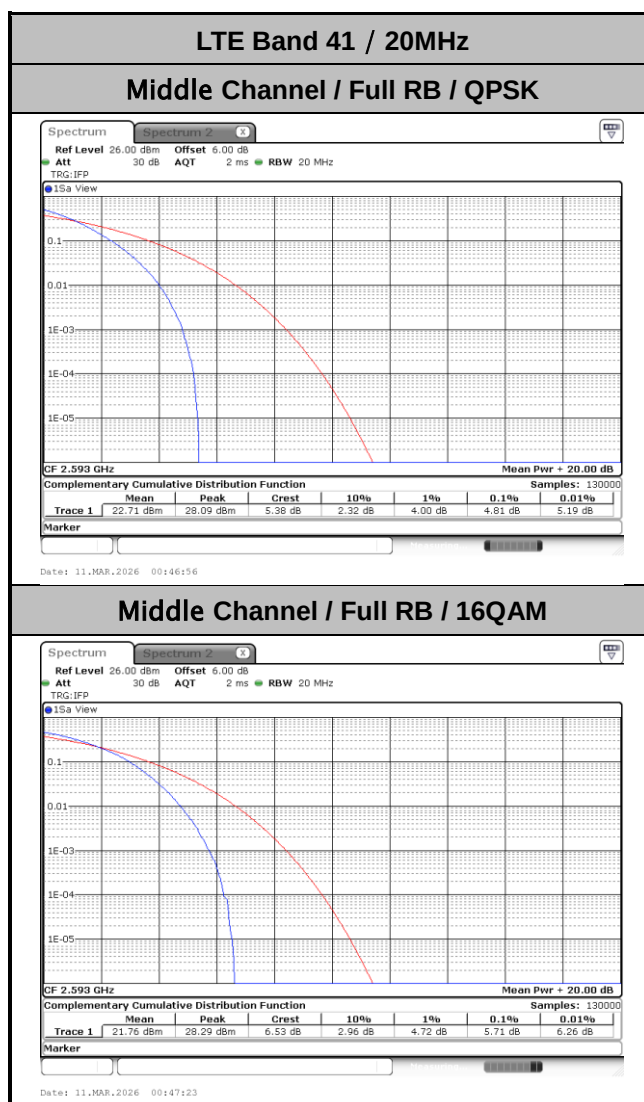
**Note:**

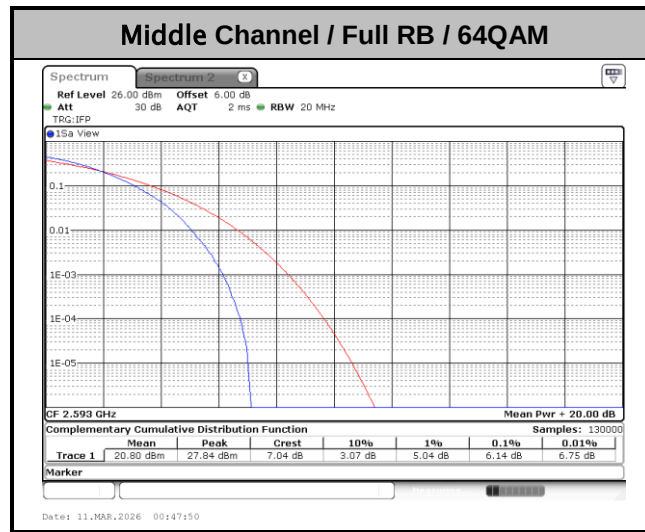
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

## LTE Band 41

### Peak-to-Average Ratio

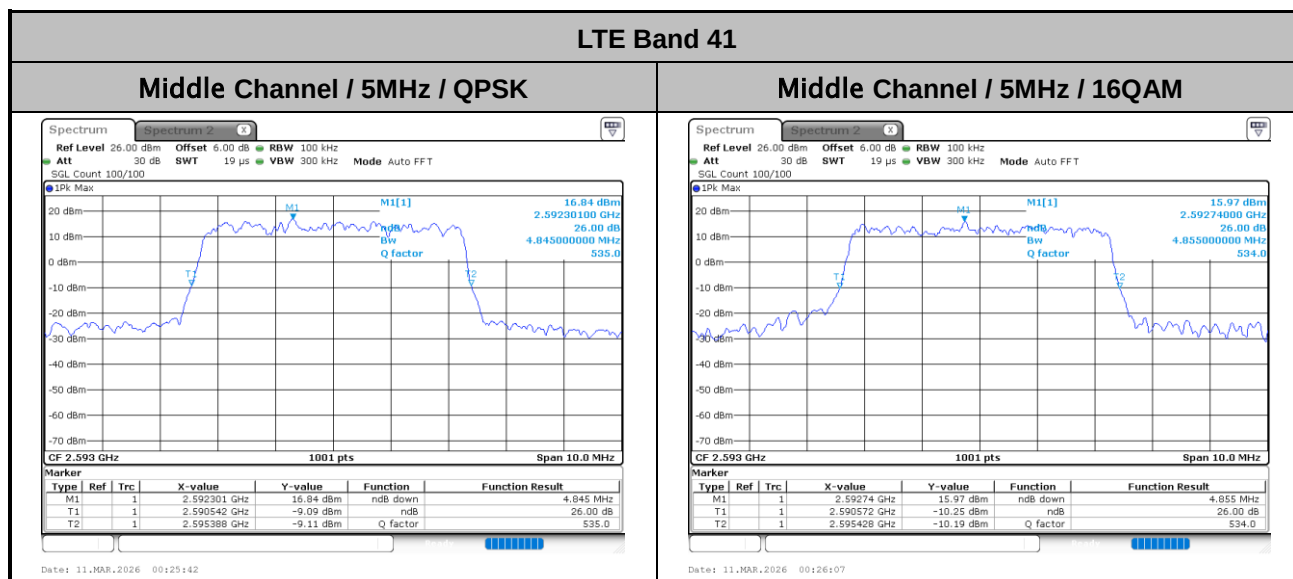
| Mode      | LTE Band 41 / 20MHz |         |         |             |
|-----------|---------------------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Result      |
| Middle CH | 4.81                | 5.71    | 6.14    | PASS        |





**26dB Bandwidth**

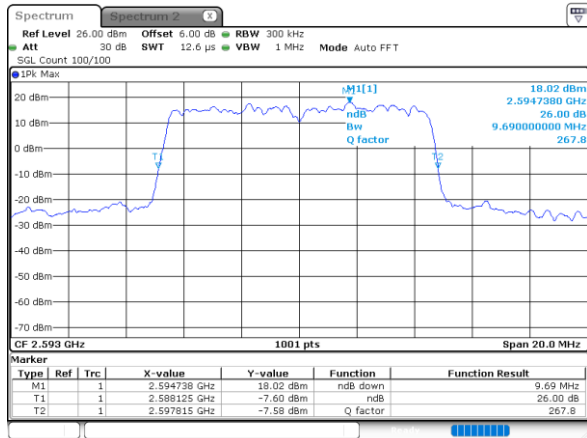
| Mode      | LTE Band 41 : 26dB BW(MHz) |       |
|-----------|----------------------------|-------|
| BW        | 5MHz                       |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 4.85                       | 4.86  |
| BW        | 10MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 9.69                       | 9.97  |
| BW        | 15MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 14.21                      | 14.51 |
| BW        | 20MHz                      |       |
| Mod.      | QPSK                       | 16QAM |
| Middle CH | 18.78                      | 18.66 |





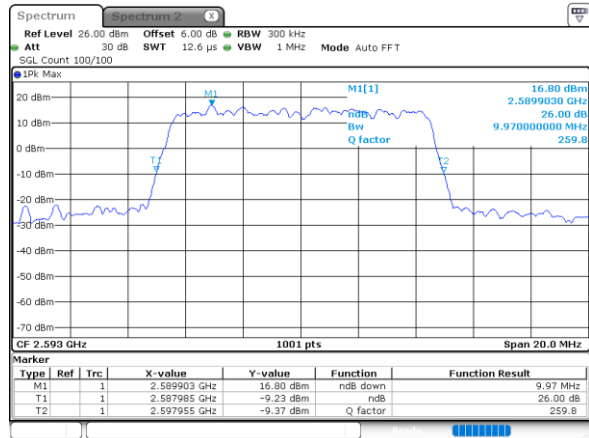
## LTE Band 41

## Middle Channel / 10MHz / QPSK



Date: 11.MAR.2026 00:40:04

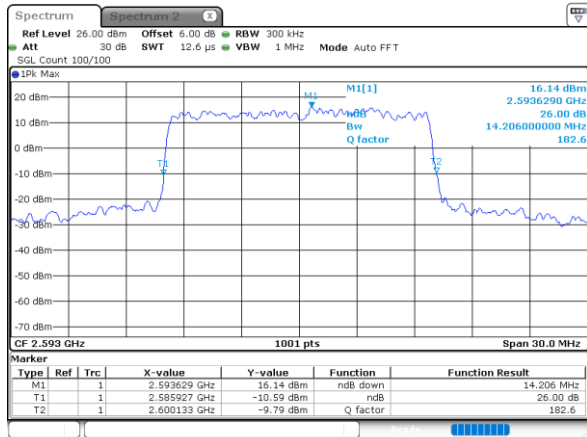
## Middle Channel / 10MHz / 16QAM



Date: 11.MAR.2026 00:40:30

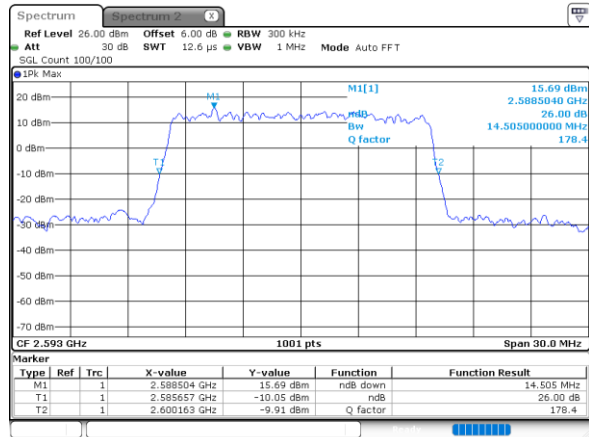
## LTE Band 41

## Middle Channel / 15MHz / QPSK



Date: 11.MAR.2026 00:42:08

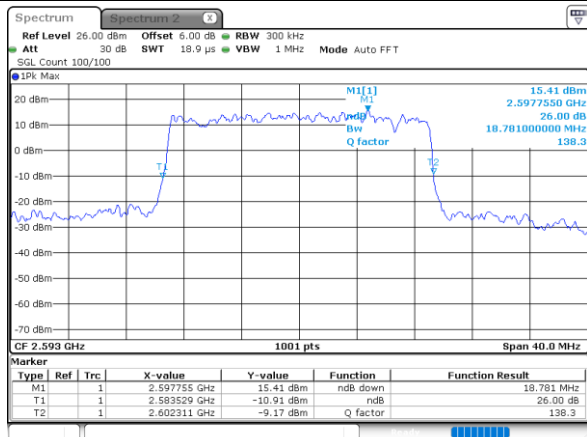
## Middle Channel / 15MHz / 16QAM



Date: 11.MAR.2026 00:42:34

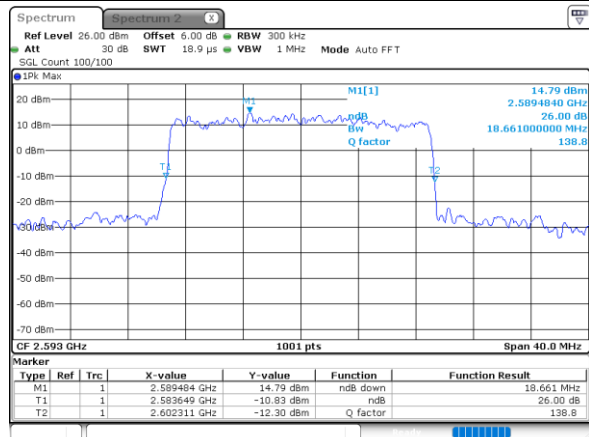
## LTE Band 41

## Middle Channel / 20MHz / QPSK



Date: 11.MAR.2026 00:45:49

## Middle Channel / 20MHz / 16QAM

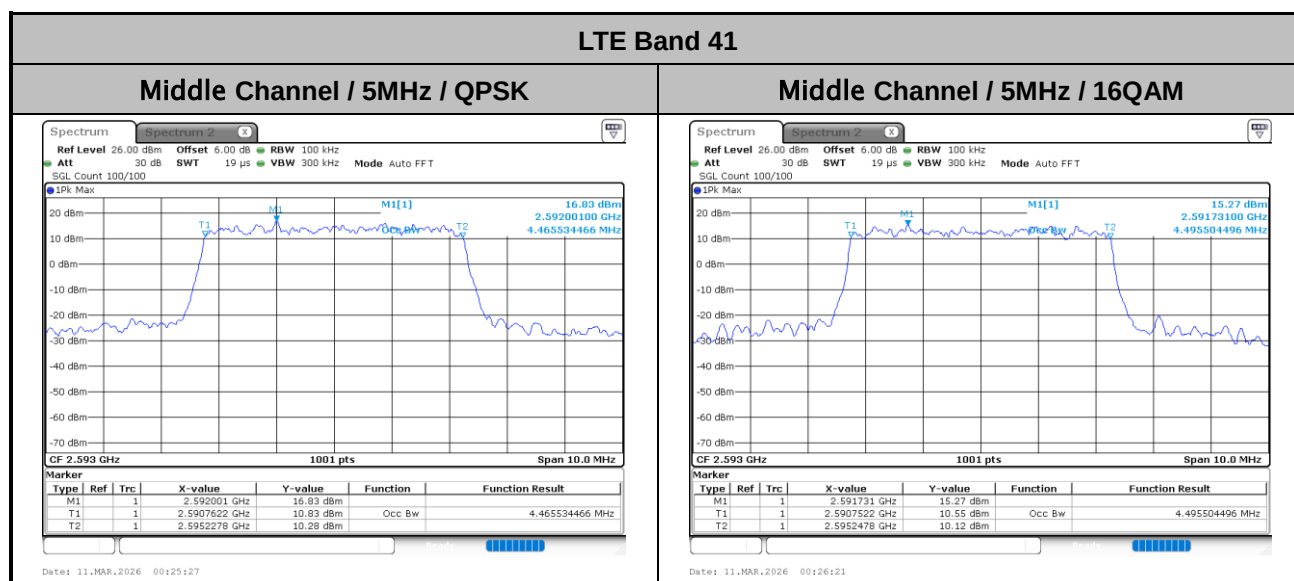


Date: 11.MAR.2026 00:46:14



## Occupied Bandwidth

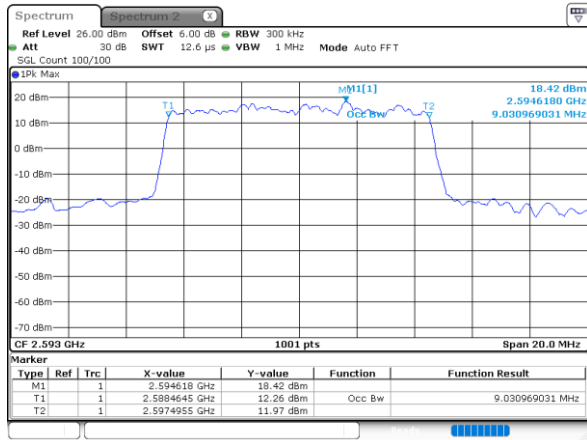
| Mode      | LTE Band 41 : 99%OBW(MHz) |       |
|-----------|---------------------------|-------|
| BW        | 5MHz                      |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 4.47                      | 4.50  |
| BW        | 10MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 9.03                      | 8.97  |
| BW        | 15MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 13.43                     | 13.40 |
| BW        | 20MHz                     |       |
| Mod.      | QPSK                      | 16QAM |
| Middle CH | 17.82                     | 17.82 |



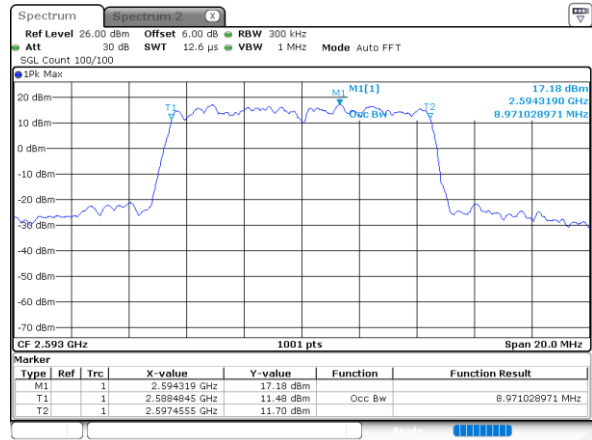


## LTE Band 41

## Middle Channel / 10MHz / QPSK

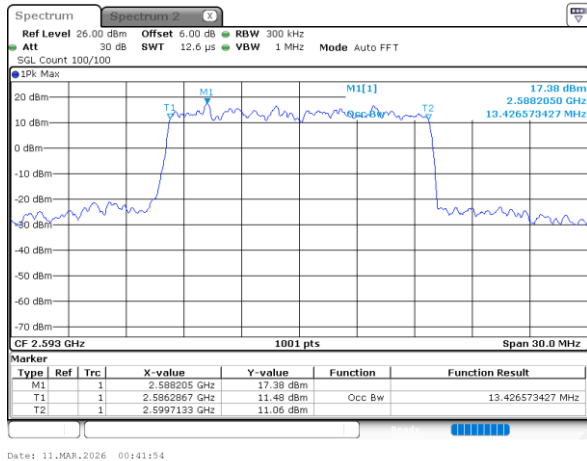


## Middle Channel / 10MHz / 16QAM

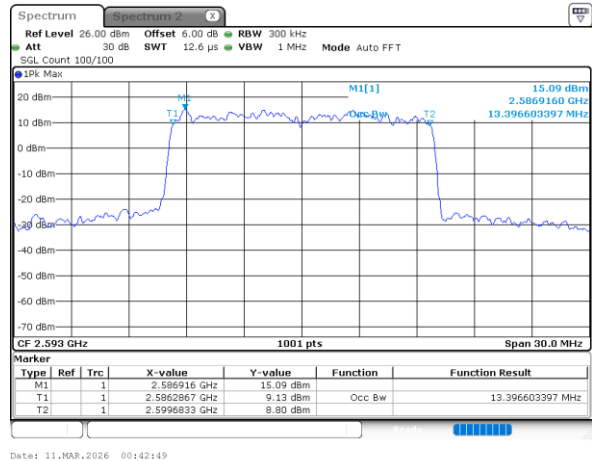


## LTE Band 41

## Middle Channel / 15MHz / QPSK

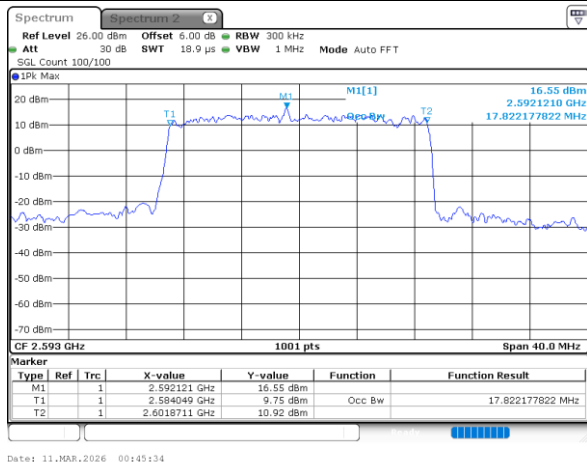


## Middle Channel / 15MHz / 16QAM

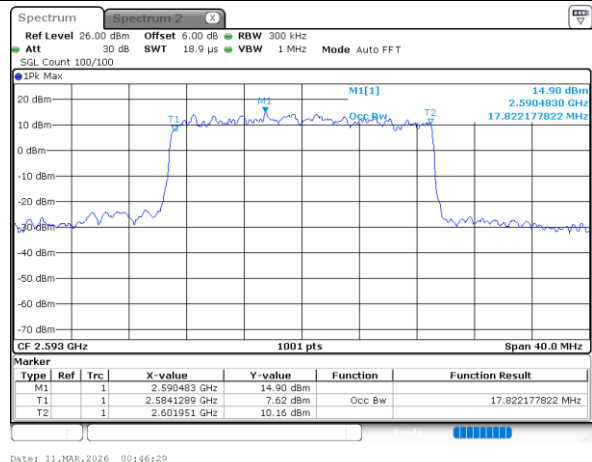


## LTE Band 41

## Middle Channel / 20MHz / QPSK



## Middle Channel / 20MHz / 16QAM

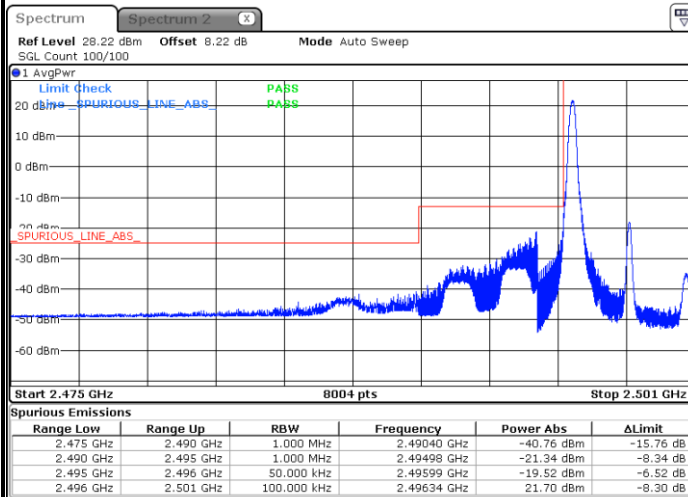




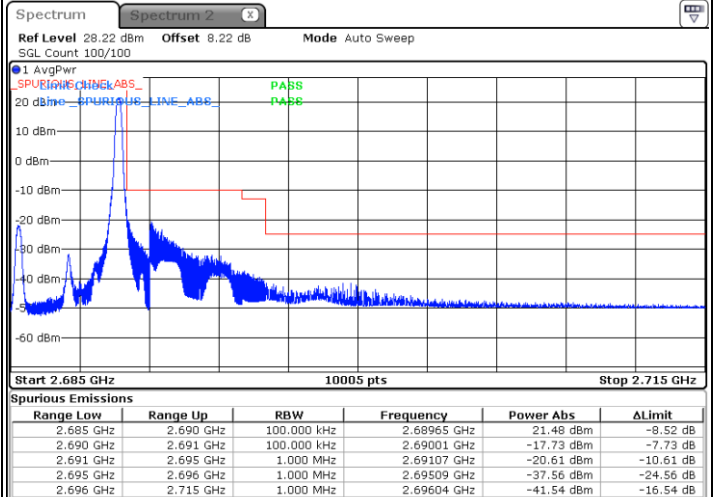
# Conducted Band Edge

## LTE Band 41 / 5MHz / QPSK

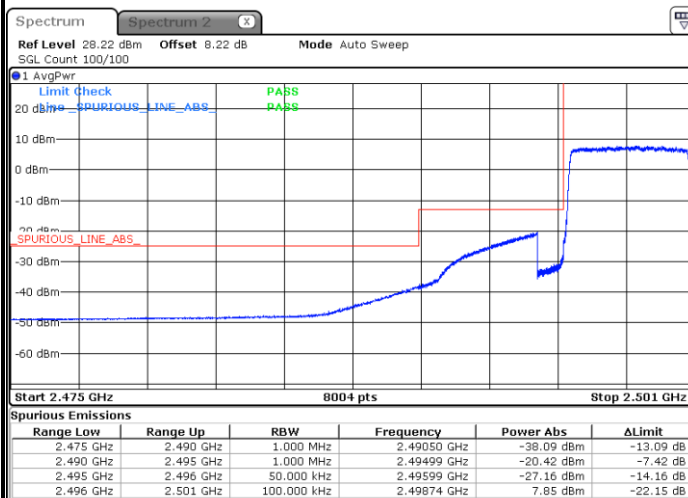
### Lowest Band Edge / 1 RB



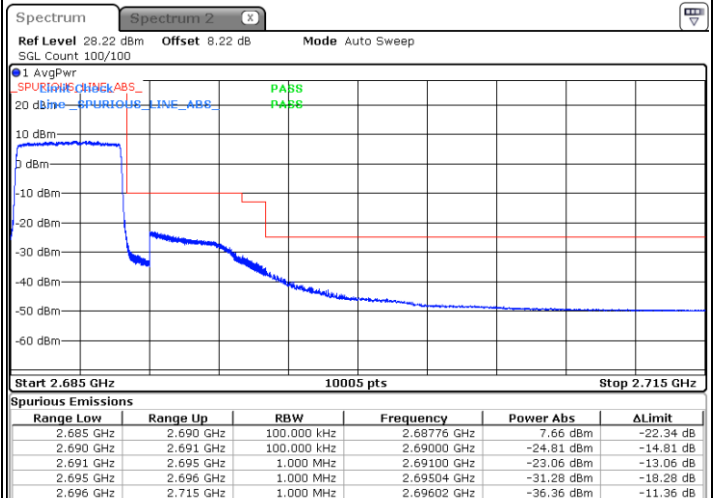
### Highest Band Edge / 1 RB



### Lowest Band Edge / Full RB



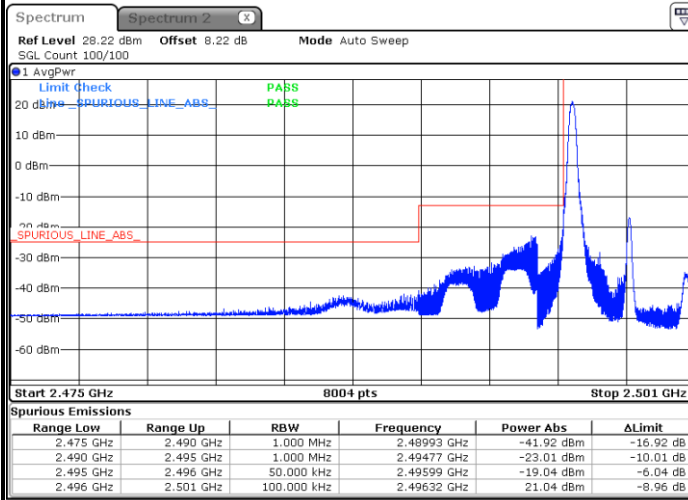
### Highest Band Edge / Full RB



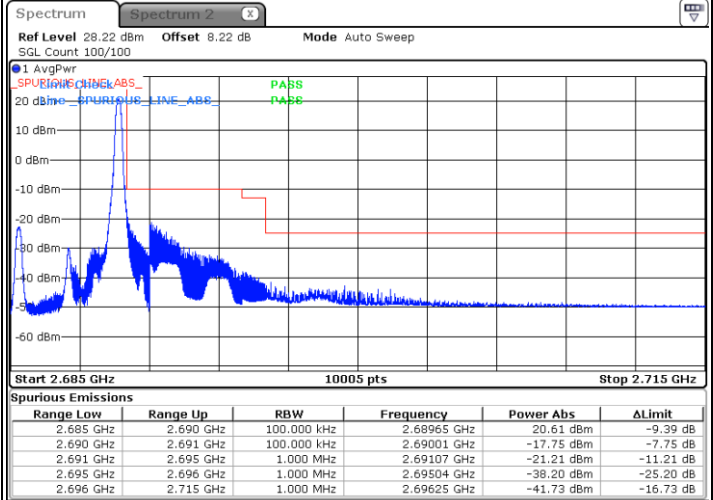


## LTE Band 41 / 5MHz / 16QAM

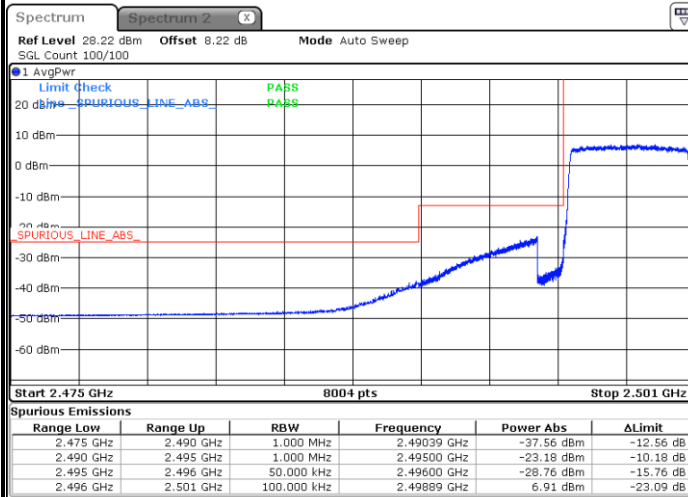
## Lowest Band Edge / 1RB



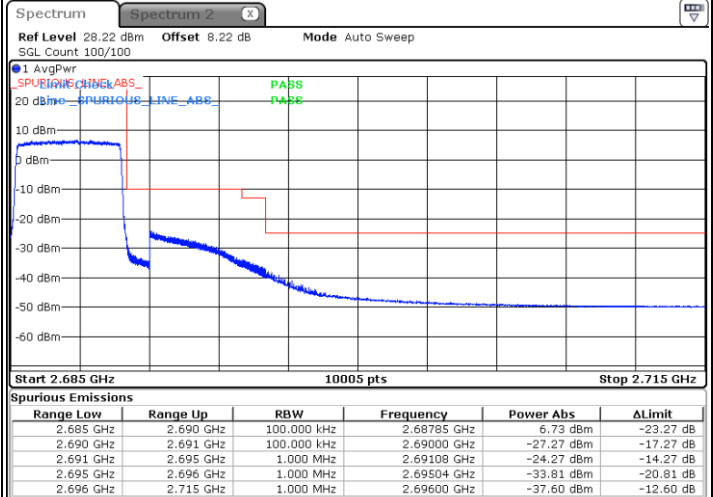
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



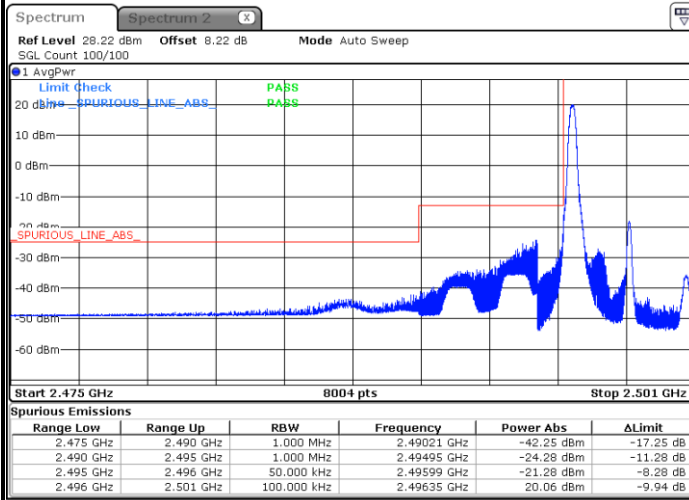
## Highest Band Edge / Full RB



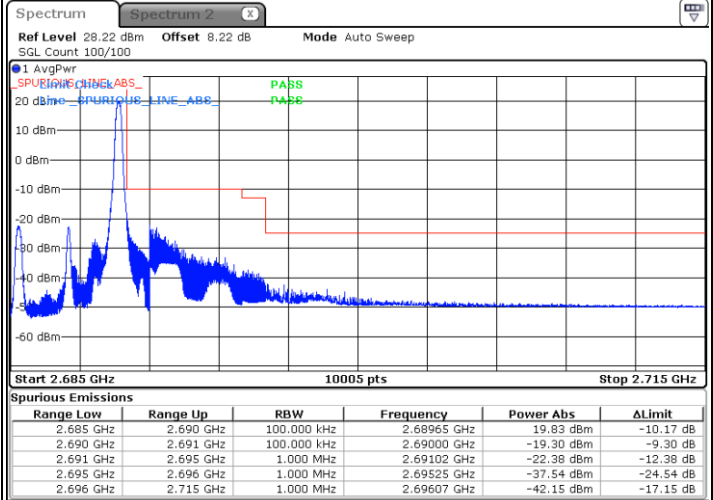


## LTE Band 41 / 5MHz / 64QAM

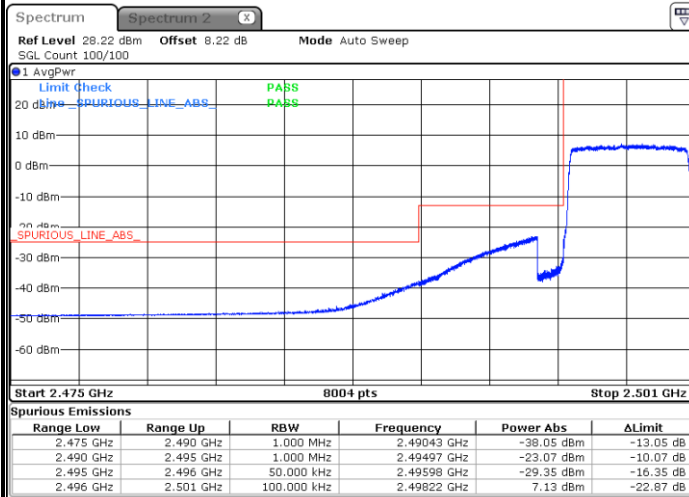
## Lowest Band Edge / 1RB



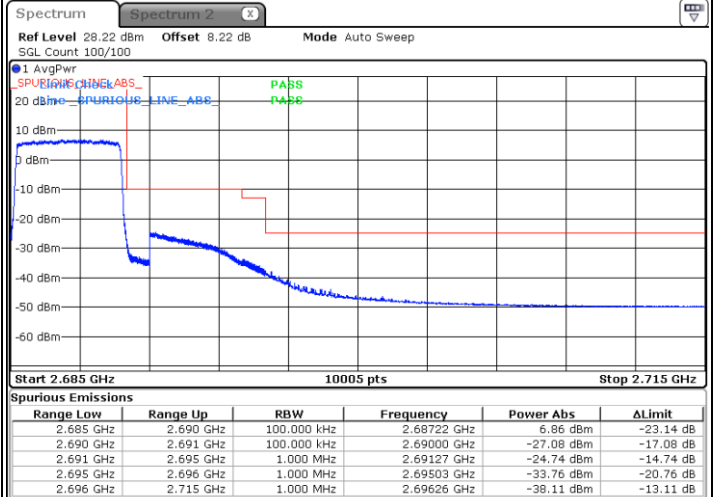
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



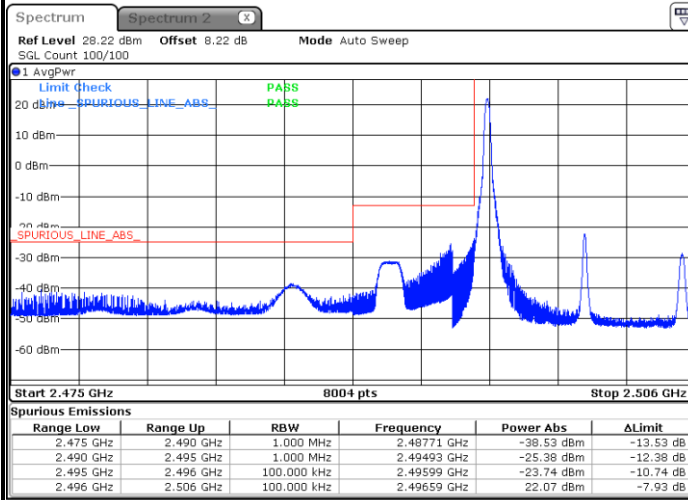
## Highest Band Edge / Full RB



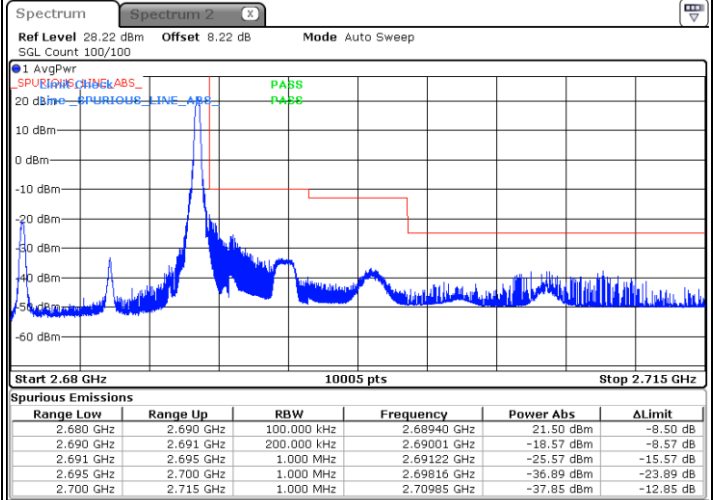


## LTE Band 41 / 10MHz / QPSK

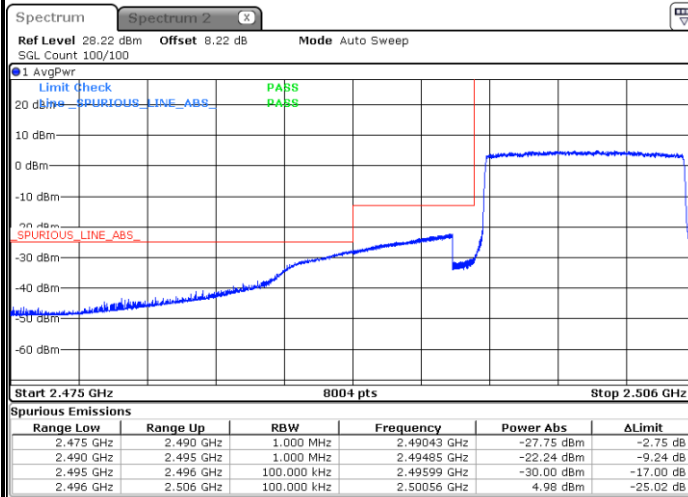
## Lowest Band Edge / 1 RB



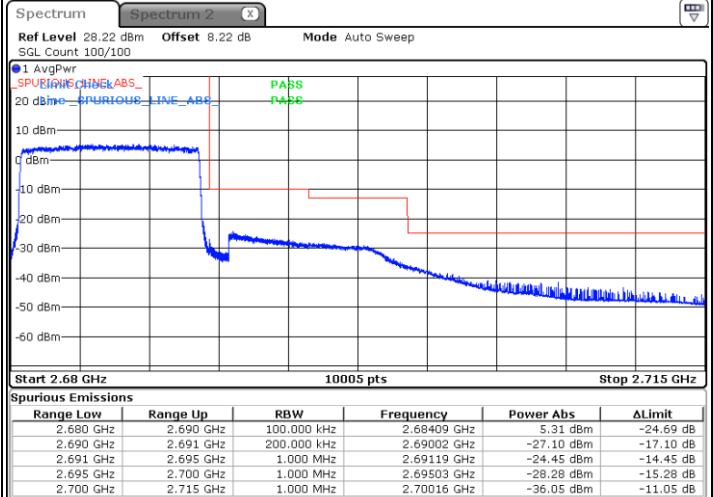
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



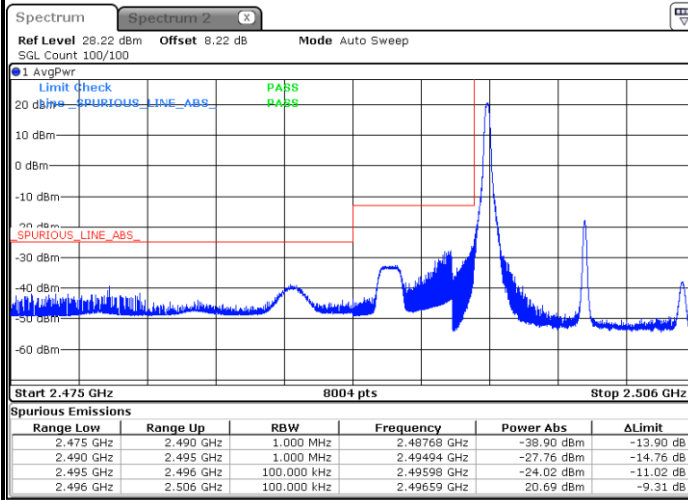
## Highest Band Edge / Full RB



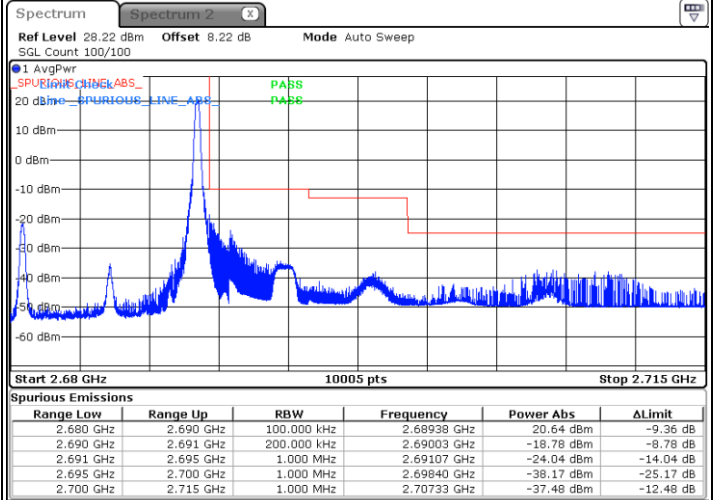


## LTE Band 41 / 10MHz / 16QAM

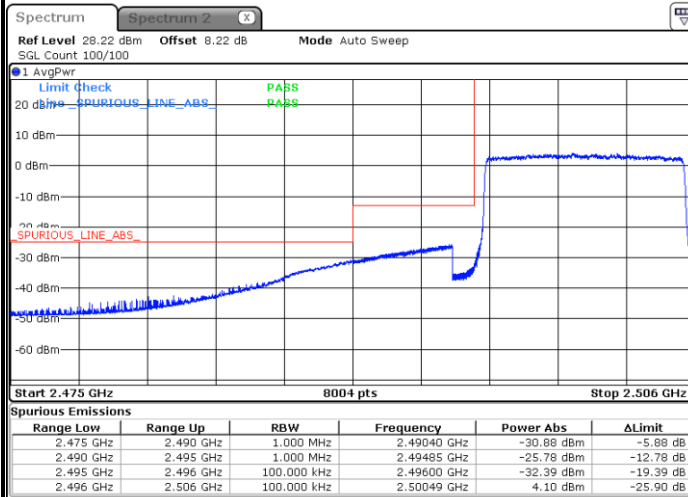
## Lowest Band Edge / 1 RB



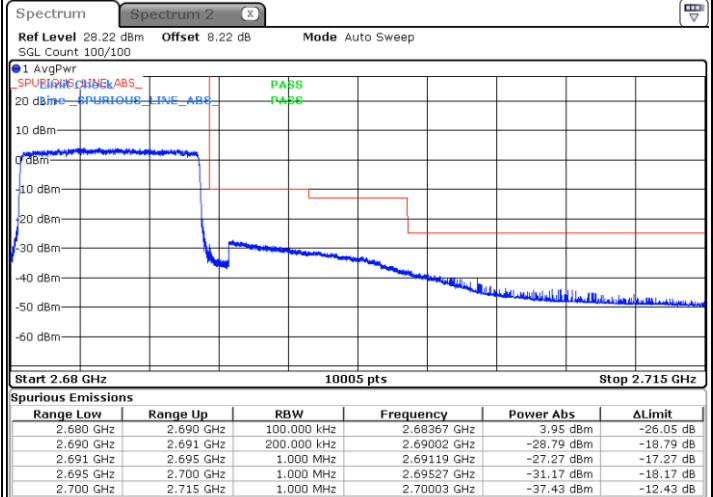
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



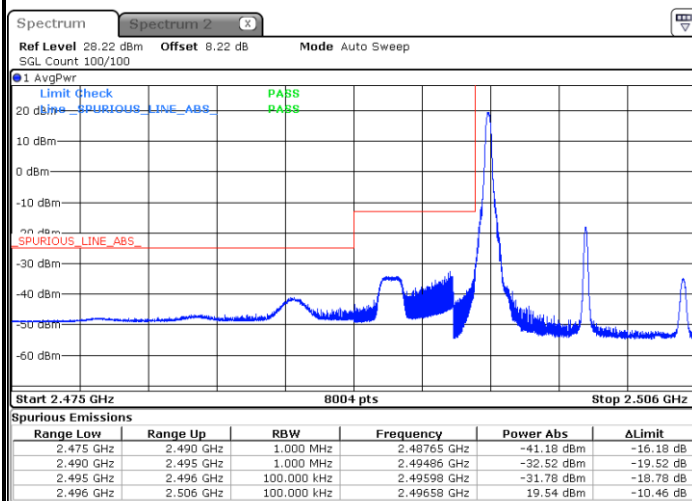
## Highest Band Edge / Full RB



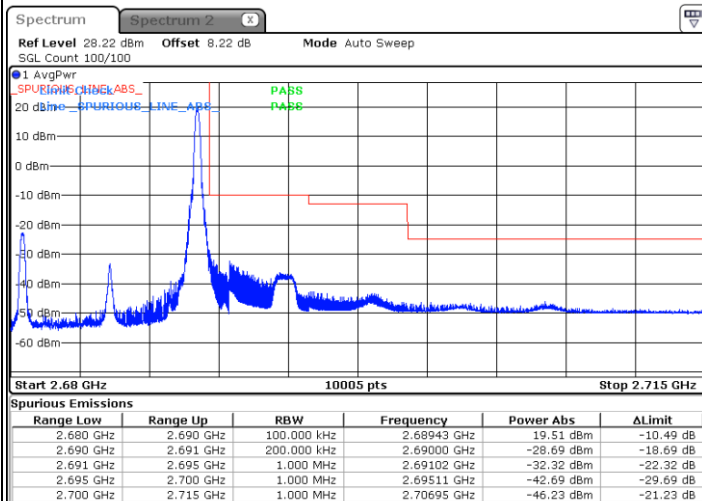


## LTE Band 41 / 10MHz / 64QAM

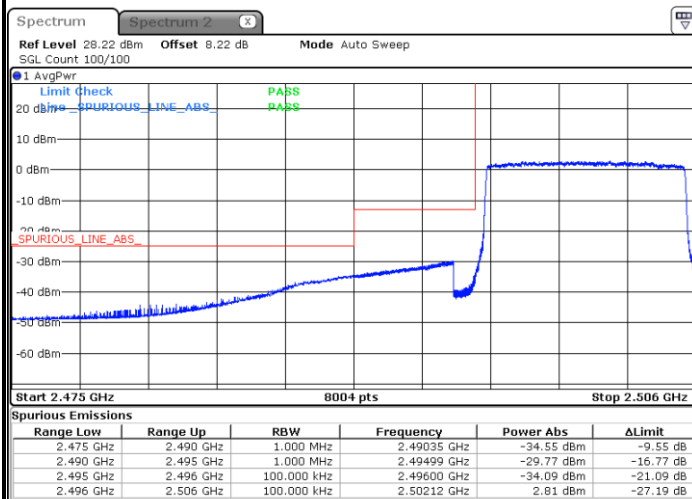
## Lowest Band Edge / 1 RB



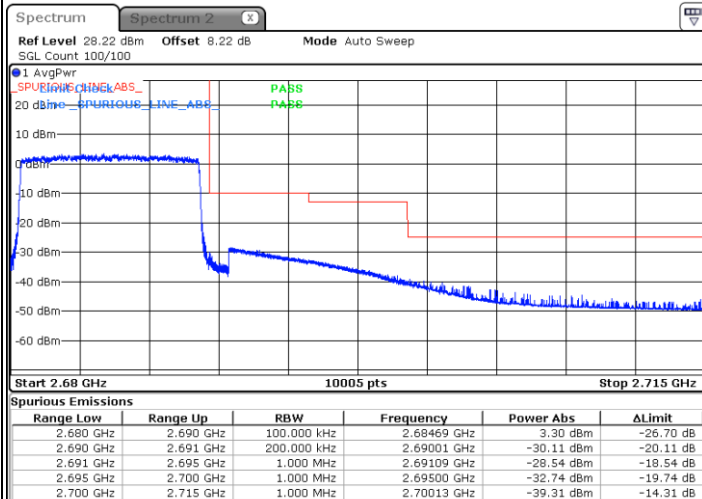
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



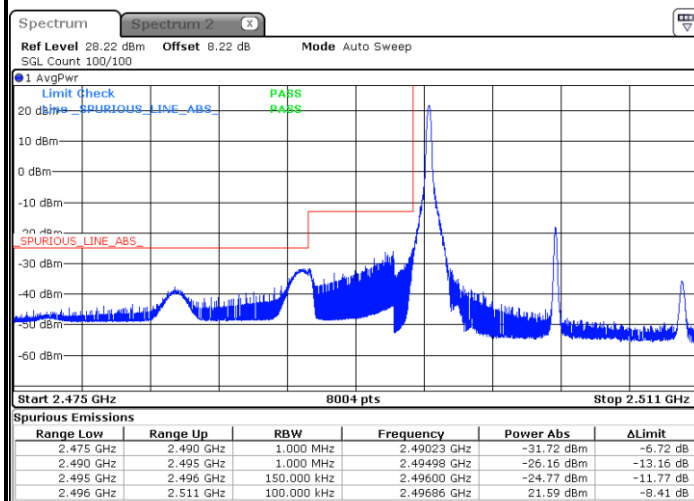
## Highest Band Edge / Full RB



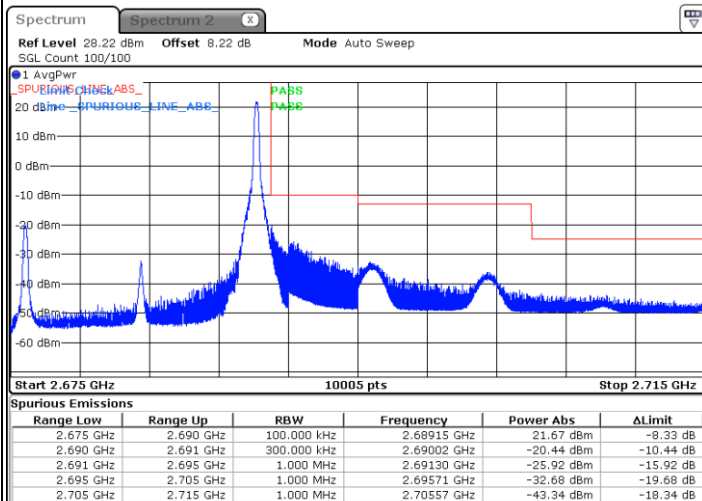


## LTE Band 41 / 15MHz / QPSK

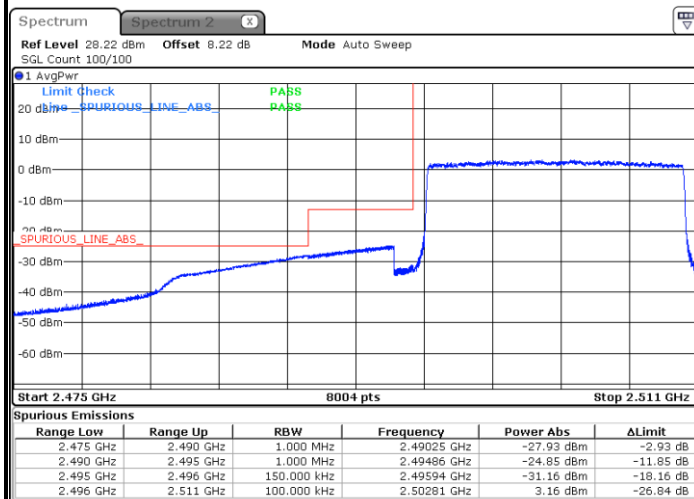
## Lowest Band Edge / 1 RB



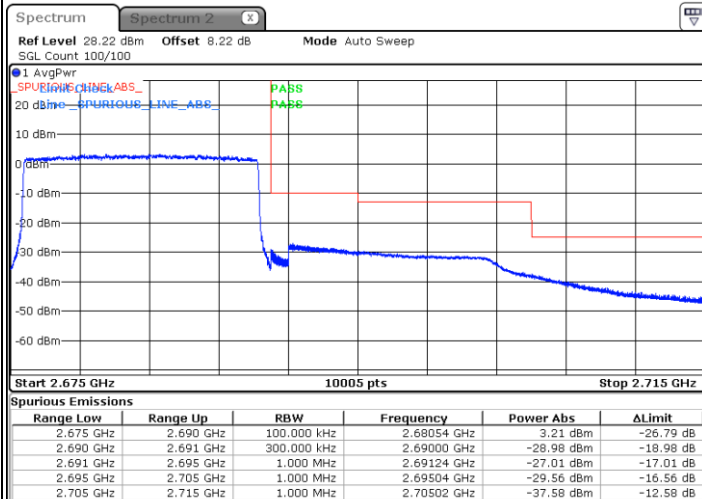
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



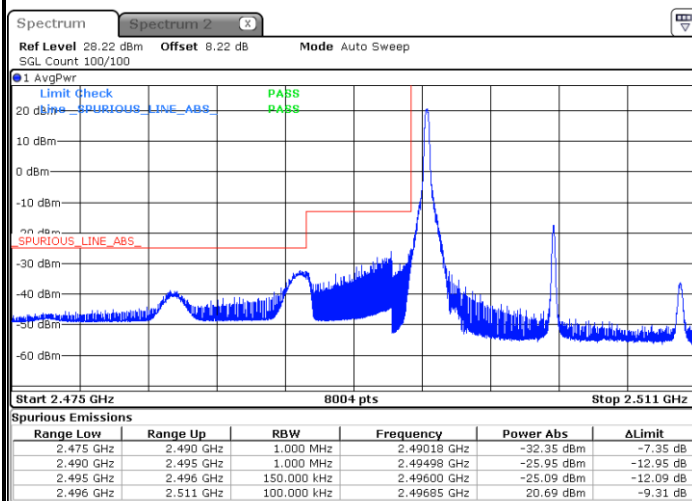
## Highest Band Edge / Full RB



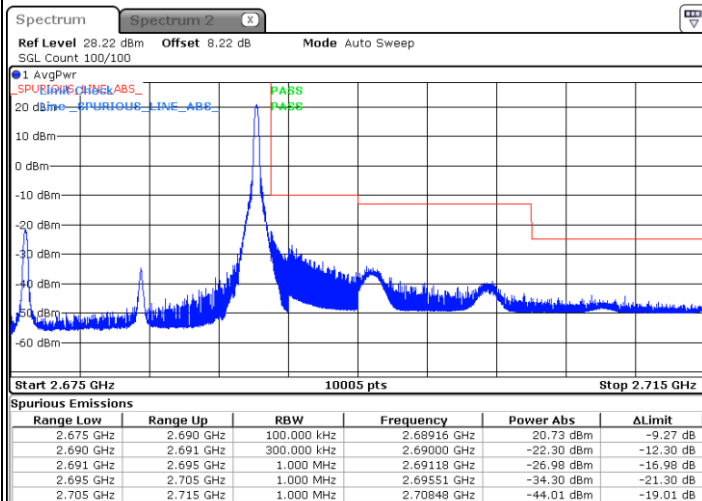


## LTE Band 41 / 15MHz / 16QAM

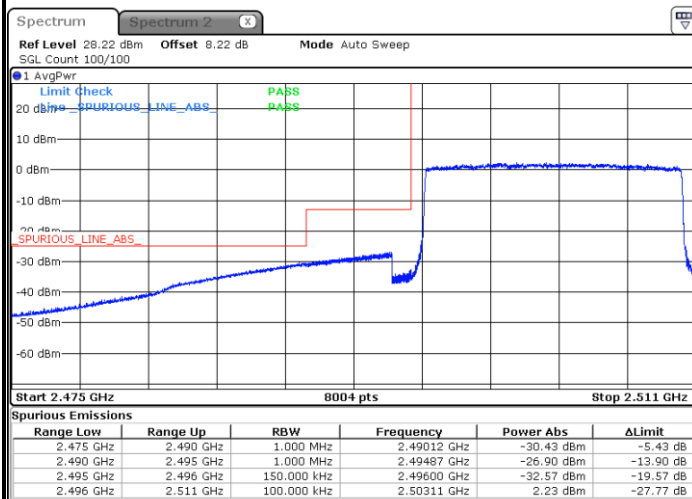
## Lowest Band Edge / 1 RB



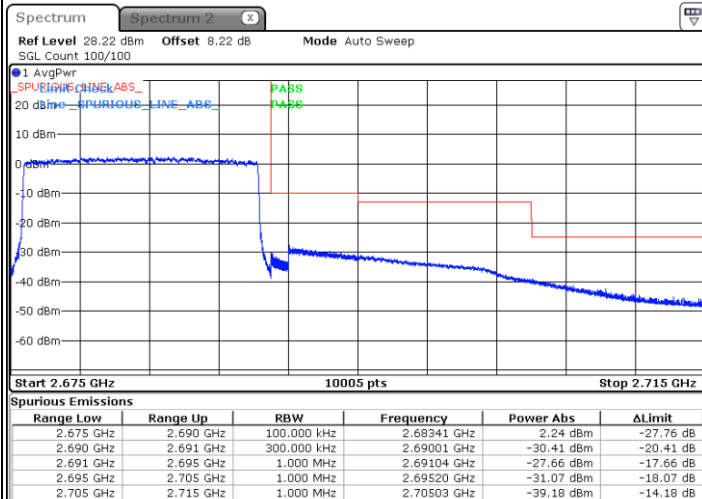
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



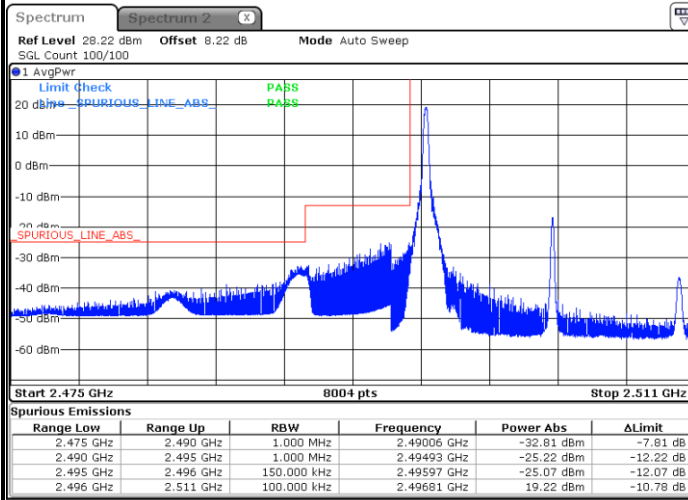
## Highest Band Edge / Full RB



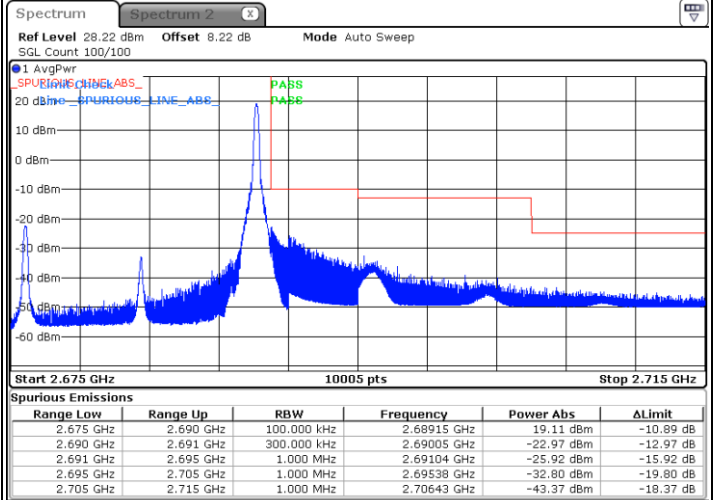


## LTE Band 41 / 15MHz / 64QAM

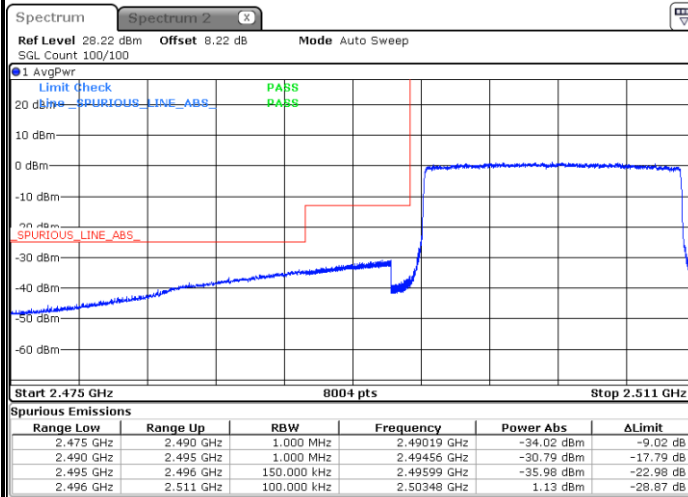
## Lowest Band Edge / 1 RB



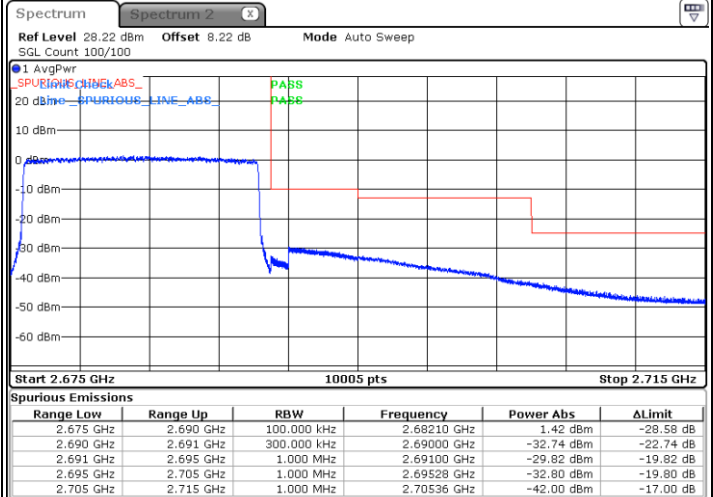
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



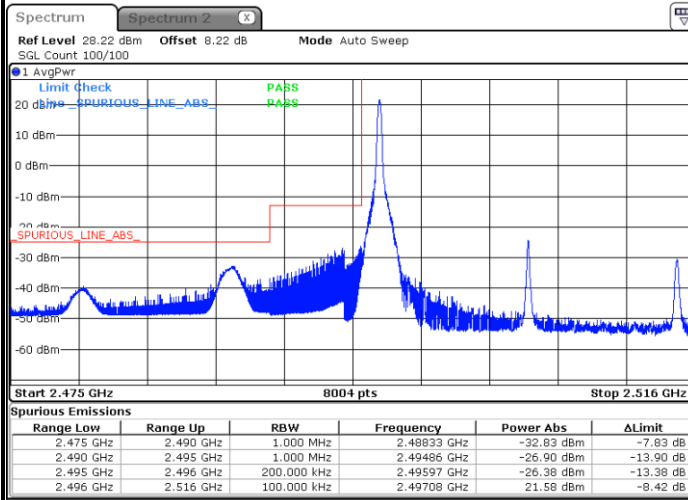
## Highest Band Edge / Full RB



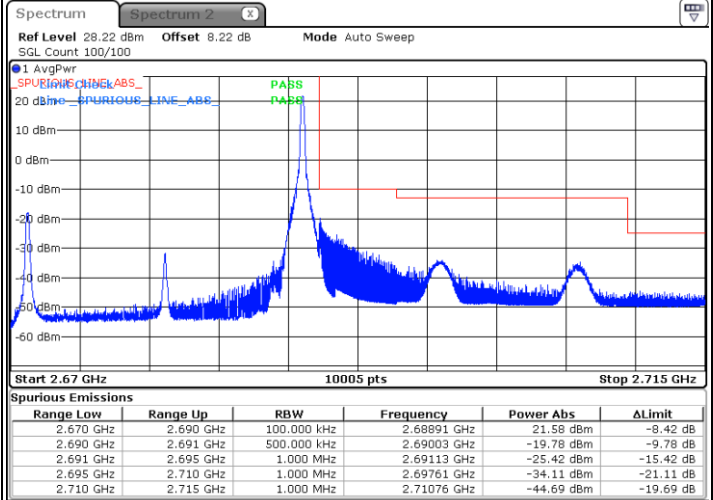


## LTE Band 41 / 20MHz / QPSK

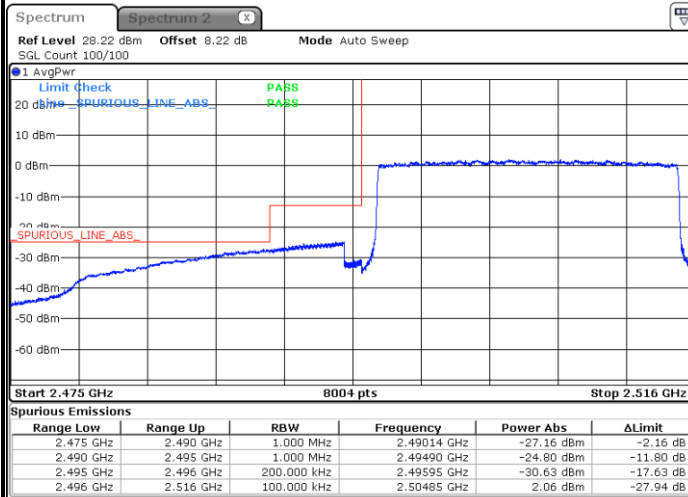
## Lowest Band Edge / 1 RB



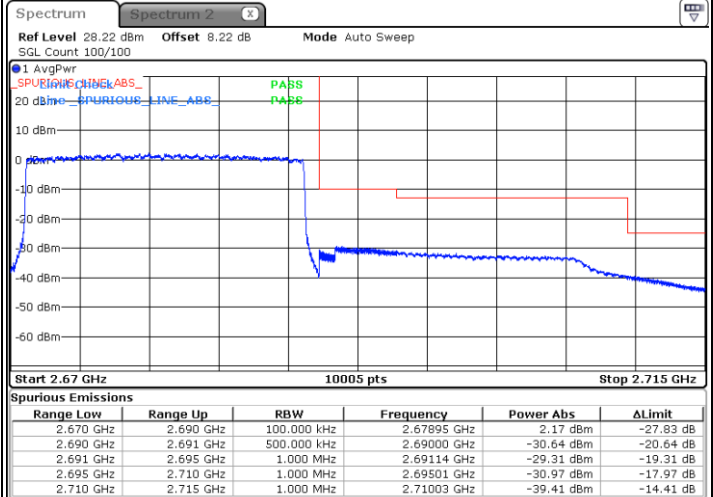
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



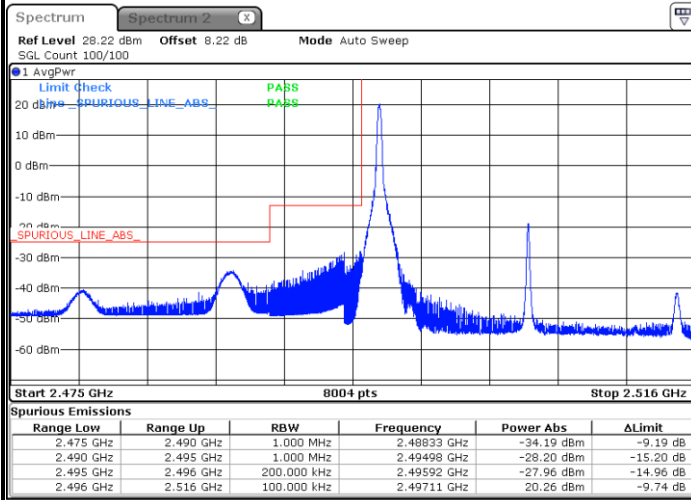
## Highest Band Edge / Full RB



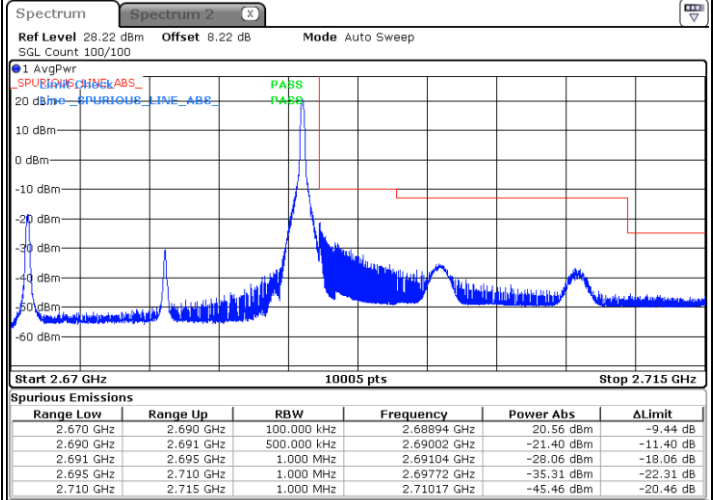


## LTE Band 41 / 20MHz / 16QAM

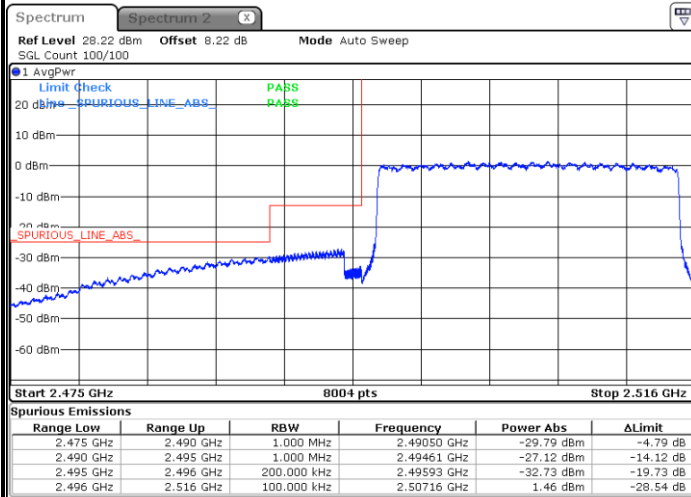
## Lowest Band Edge / 1 RB



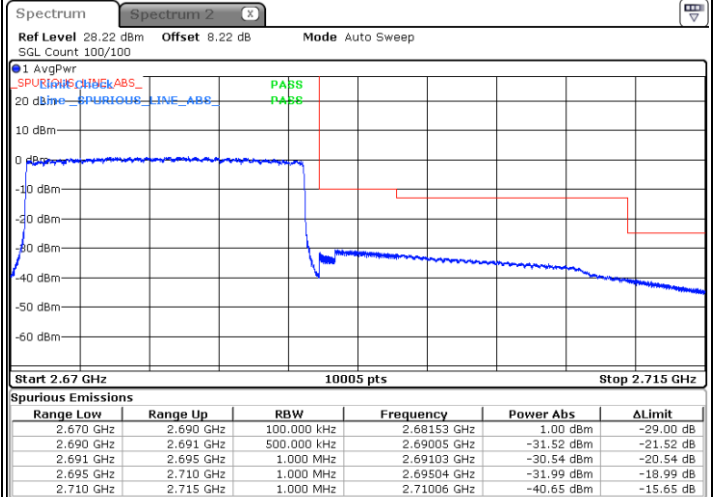
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



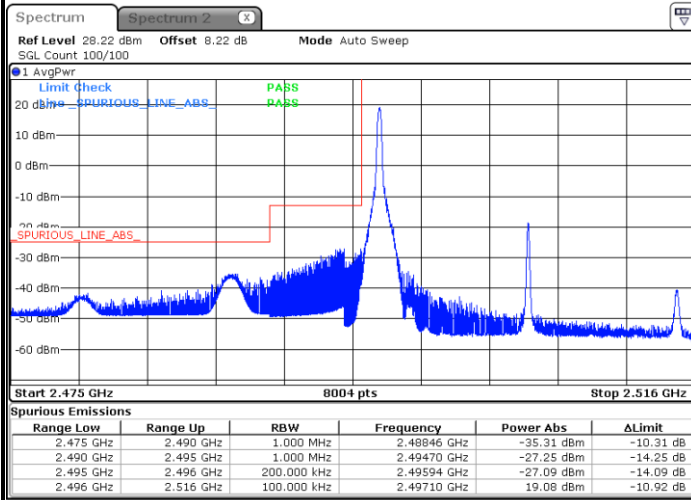
## Highest Band Edge / Full RB



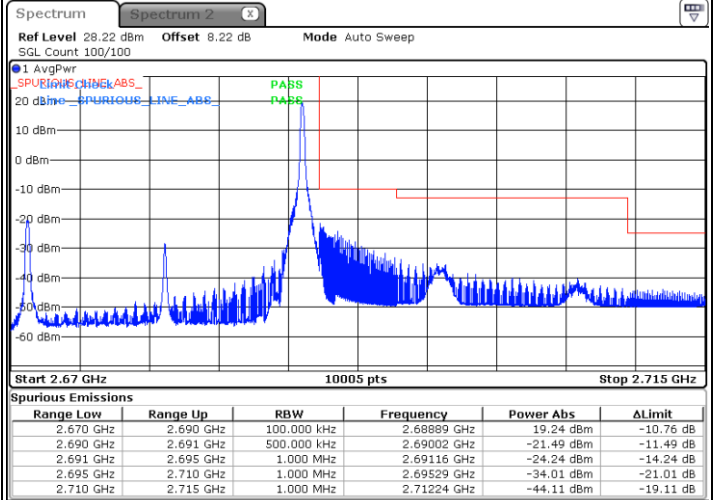


## LTE Band 41 / 20MHz / 64QAM

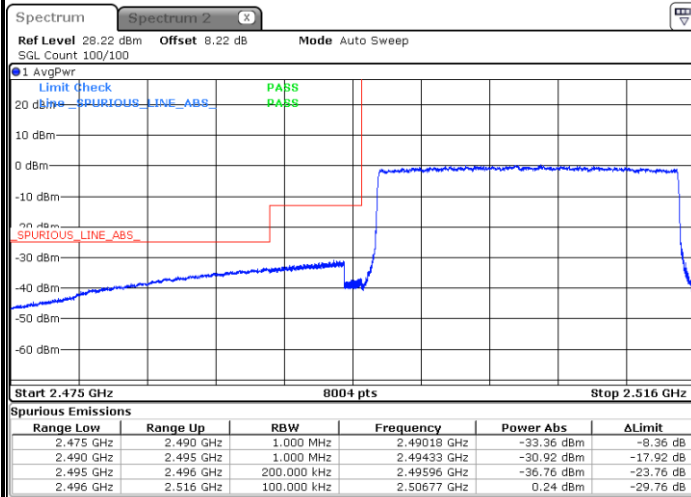
## Lowest Band Edge / 1 RB



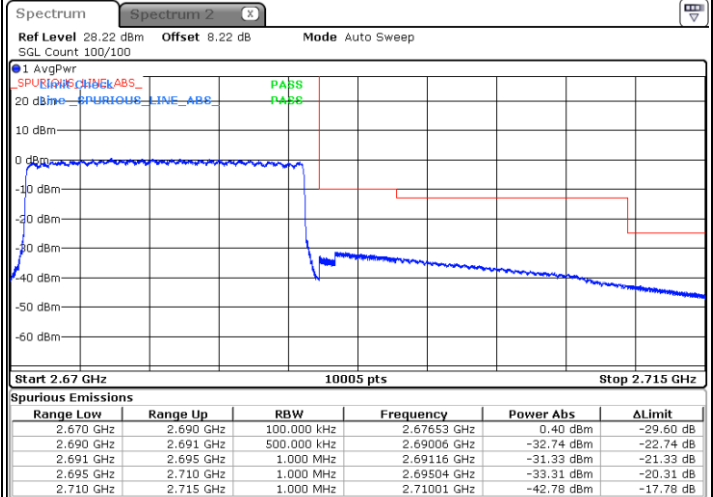
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

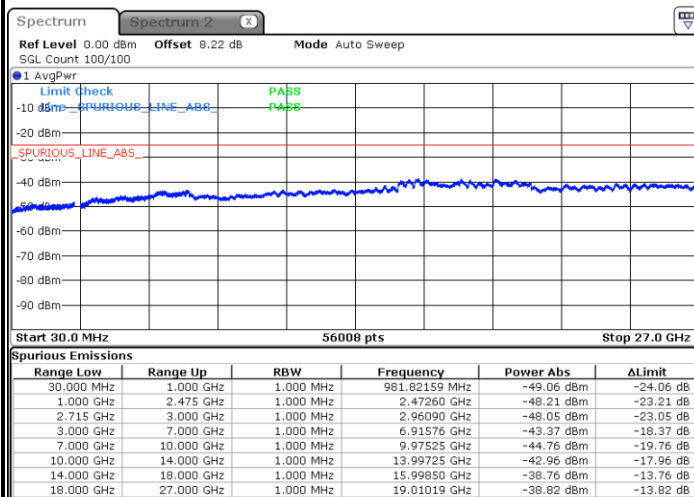




## Conducted Spurious Emission

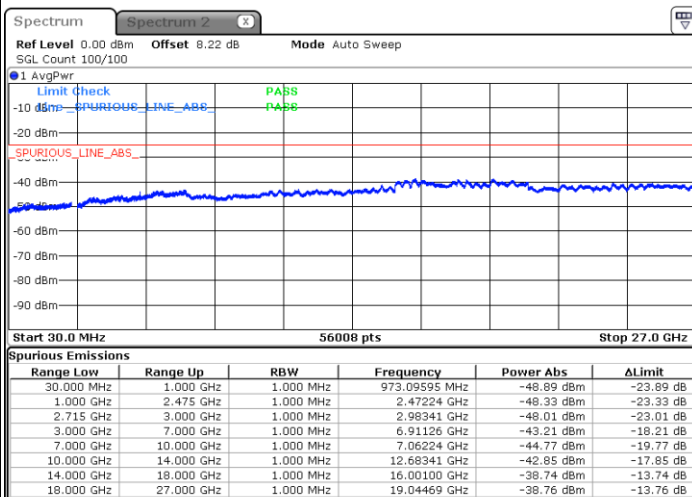
### LTE Band 41 / 5MHz

#### Lowest Channel / QPSK



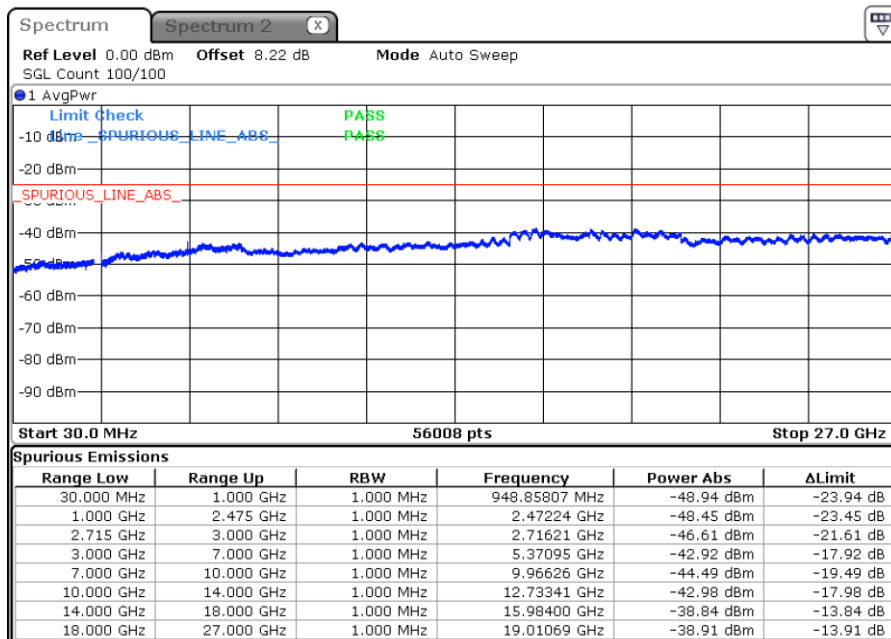
Date: 10.MAR.2026 22:58:50

#### Middle Channel / QPSK



Date: 10.MAR.2026 23:07:01

#### Highest Channel / QPSK

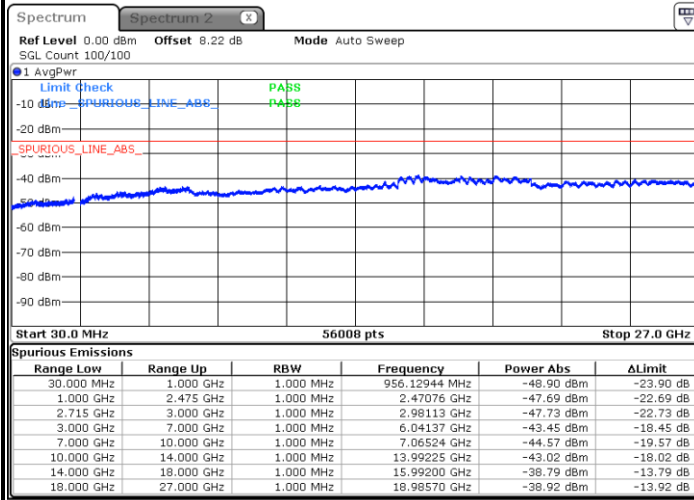


Date: 10.MAR.2026 23:08:16



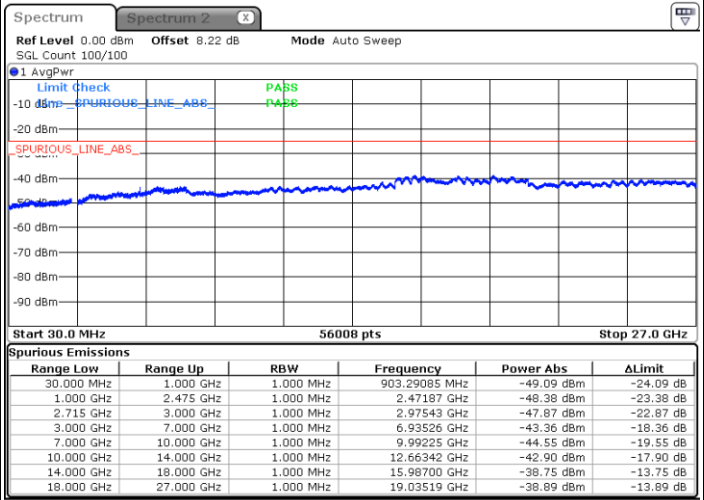
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



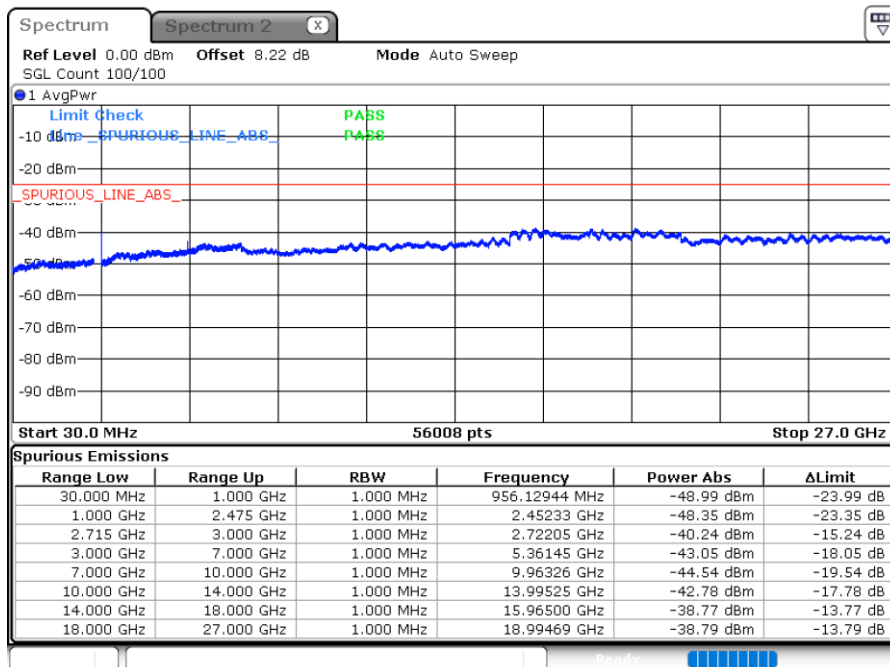
Date: 10.MAR.2026 23:17:20

## Middle Channel / QPSK



Date: 10.MAR.2026 23:24:59

## Highest Channel / QPSK

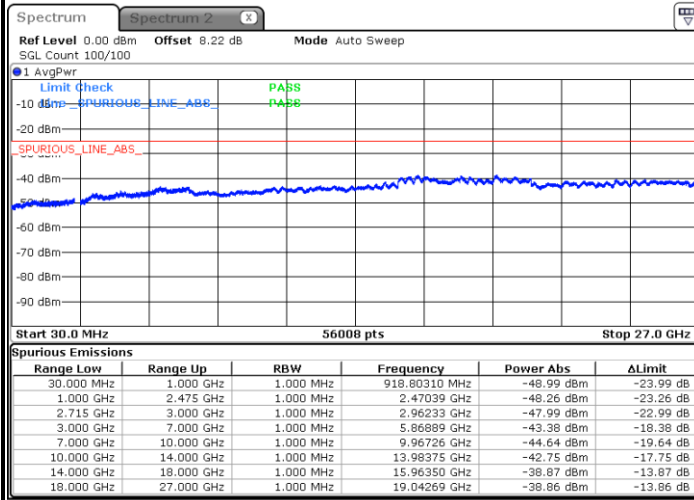


Date: 10.MAR.2026 23:26:14



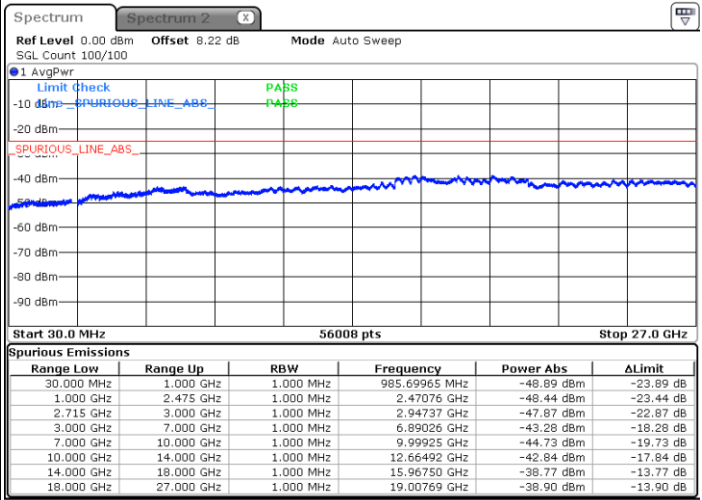
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



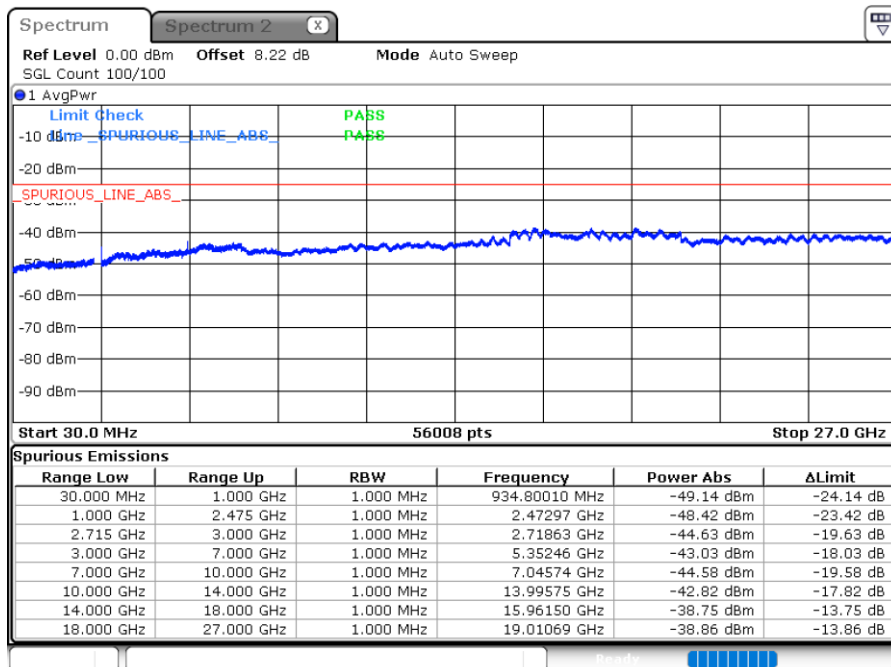
Date: 10.MAR.2026 23:35:18

## Middle Channel / QPSK



Date: 10.MAR.2026 23:42:56

## Highest Channel / QPSK

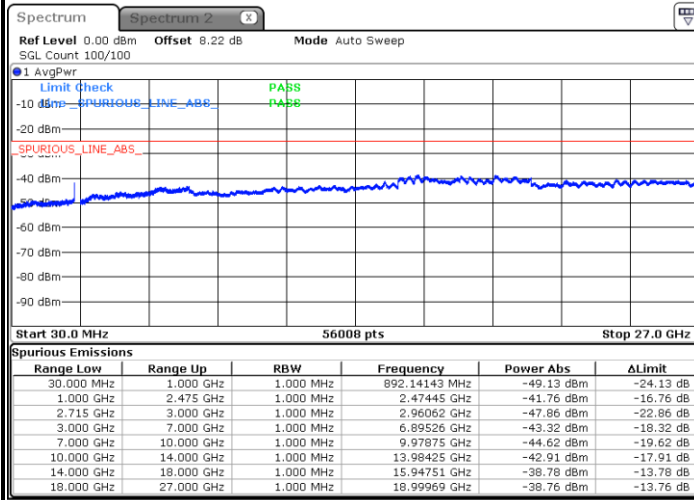


Date: 10.MAR.2026 23:44:11



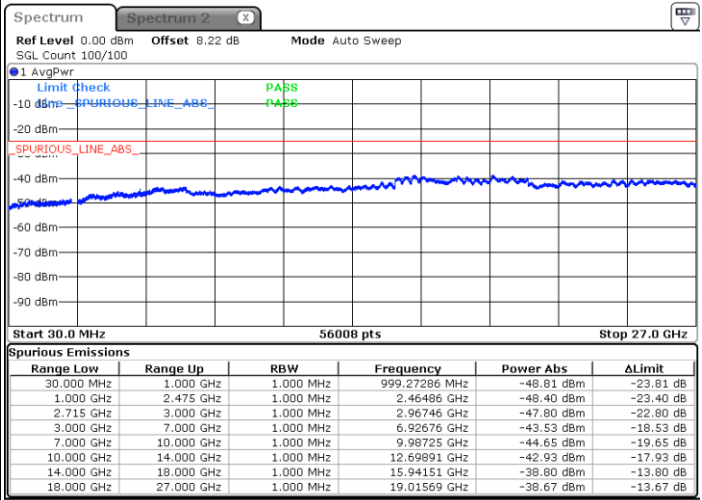
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



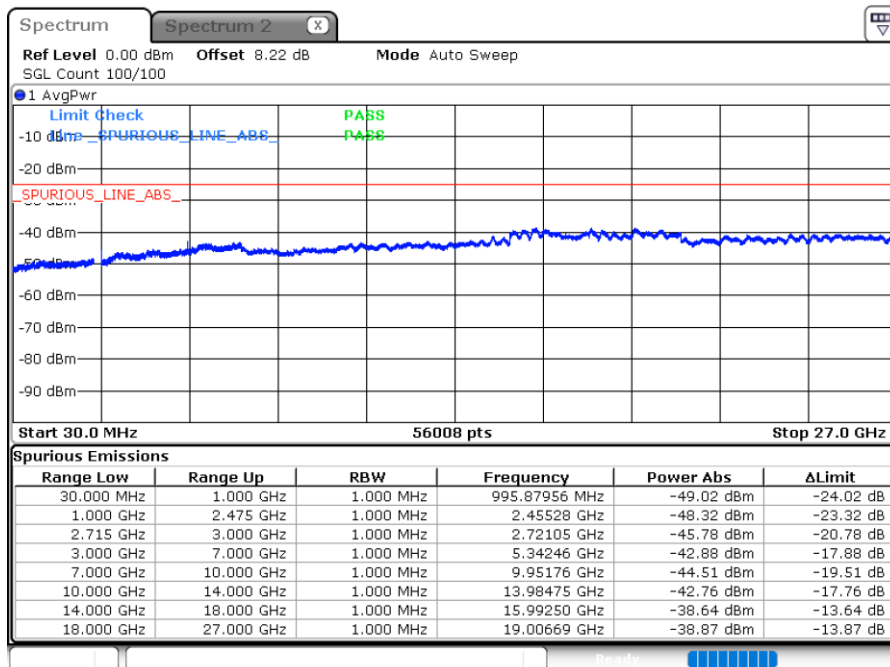
Date: 10.MAR.2026 23:53:16

## Middle Channel / QPSK



Date: 11.MAR.2026 00:00:55

## Highest Channel / QPSK



Date: 11.MAR.2026 00:02:10

## Frequency Stability

| Test Conditions  |                   | LTE Band 41 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0056                              | PASS    |
| 40               | Normal Voltage    | 0.0045                              |         |
| 30               | Normal Voltage    | 0.0045                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0015                              |         |
| 0                | Normal Voltage    | 0.0026                              |         |
| -10              | Normal Voltage    | 0.0015                              |         |
| -20              | Normal Voltage    | 0.0045                              |         |
| -30              | Normal Voltage    | 0.0016                              |         |
| 20               | Maximum Voltage   | 0.0013                              |         |
| 20               | Normal Voltage    | 0.0042                              |         |
| 20               | Battery End Point | 0.0057                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |            |                     |         |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Simle Wang | Temperature :       | 22~23°C |
|                 |            | Relative Humidity : | 40~42%  |

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

| LTE Band 7 / 20MHz / QPSK / ANT1 |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                          | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                           | 5050              | -58.29       | -25           | -33.29            | -68.50             | 3.03                 | 13.24                 | H                  |
|                                  | 7584              | -60.66       | -25           | -35.66            | -70.11             | 3.56                 | 13.01                 | H                  |
|                                  | 10104             | -59.50       | -25           | -34.50            | -69.02             | 3.92                 | 13.44                 | H                  |
|                                  | 5050              | -61.32       | -25           | -36.32            | -71.53             | 3.03                 | 13.24                 | V                  |
|                                  | 7584              | -57.43       | -25           | -32.43            | -66.88             | 3.56                 | 13.01                 | V                  |
|                                  | 10104             | -59.45       | -25           | -34.45            | -68.97             | 3.92                 | 13.44                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 13 / 5MHz / QPSK / ANT1 |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                          | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                           | 1560              | -63.26       | -42.15        | -21.11            | -65.89             | 1.09                 | 5.87                  | H                  |
|                                  | 2336              | -59.01       | -13           | -46.01            | -61.41             | 1.37                 | 5.92                  | H                  |
|                                  | 3120              | -57.11       | -13           | -44.11            | -61.00             | 1.64                 | 7.68                  | H                  |
|                                  | 1560              | -62.98       | -42.15        | -20.83            | -65.61             | 1.09                 | 5.87                  | V                  |
|                                  | 2336              | -58.05       | -13           | -45.05            | -60.45             | 1.37                 | 5.92                  | V                  |
|                                  | 3120              | -56.99       | -13           | -43.99            | -60.88             | 1.64                 | 7.68                  | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 13 / 10MHz / QPSK / ANT1 |                   |              |               |                   |                    |                      |                       |                    |
|-----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                           | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                            | 1552              | -62.97       | -13           | -49.97            | -65.60             | 1.09                 | 5.87                  | H                  |
|                                   | 2328              | -59.41       | -13           | -46.41            | -61.81             | 1.37                 | 5.92                  | H                  |
|                                   | 3112              | -57.66       | -13           | -44.66            | -61.55             | 1.64                 | 7.68                  | H                  |
|                                   | 1552              | -63.50       | -13           | -50.50            | -66.13             | 1.09                 | 5.87                  | V                  |
|                                   | 2328              | -58.18       | -13           | -45.18            | -60.58             | 1.37                 | 5.92                  | V                  |
|                                   | 3112              | -57.47       | -13           | -44.47            | -61.36             | 1.64                 | 7.68                  | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band41 / 20MHz / QPSK / ANT1 |                      |                 |                  |                         |                          |                            |                             |                       |
|----------------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                          | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                           | 5162                 | -61.24          | -25              | -36.24                  | -71.45                   | 3.03                       | 13.24                       | H                     |
|                                  | 7752                 | -59.85          | -25              | -34.85                  | -69.30                   | 3.56                       | 13.01                       | H                     |
|                                  | 10342                | -58.89          | -25              | -33.89                  | -68.41                   | 3.92                       | 13.44                       | H                     |
|                                  | 5162                 | -61.89          | -25              | -36.89                  | -72.10                   | 3.03                       | 13.24                       | V                     |
|                                  | 7752                 | -59.77          | -25              | -34.77                  | -69.22                   | 3.56                       | 13.01                       | V                     |
|                                  | 10342                | -59.39          | -25              | -34.39                  | -68.91                   | 3.92                       | 13.44                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.