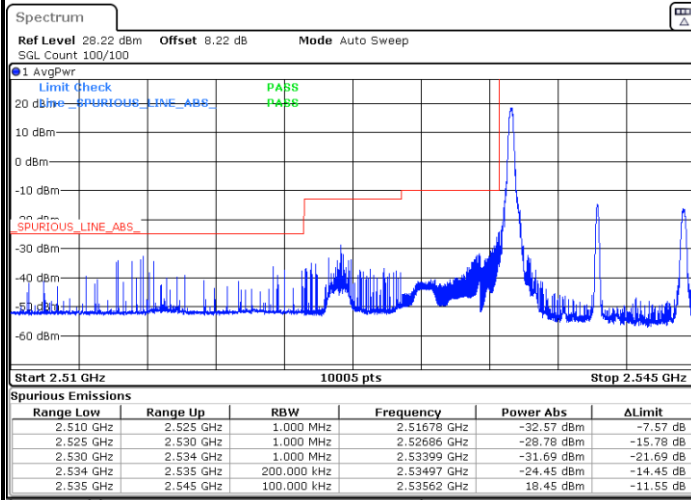


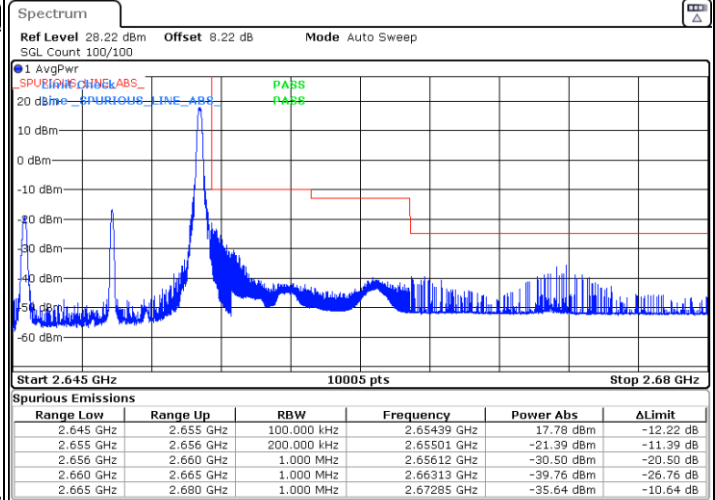


## LTE Band 41 / 10MHz / 64QAM

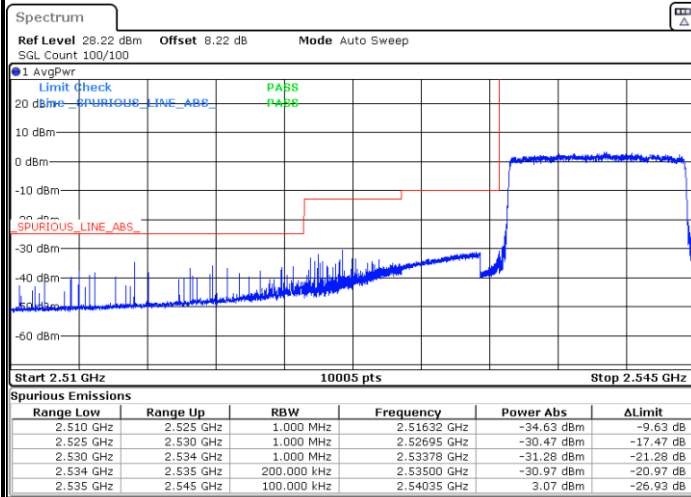
## Lowest Band Edge / 1 RB



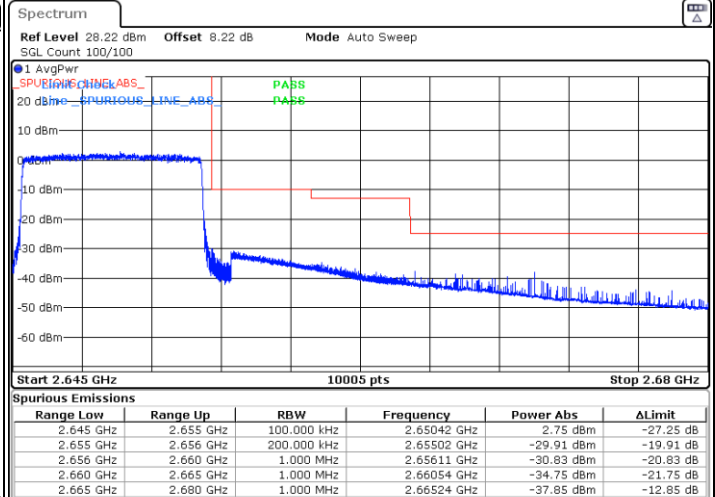
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



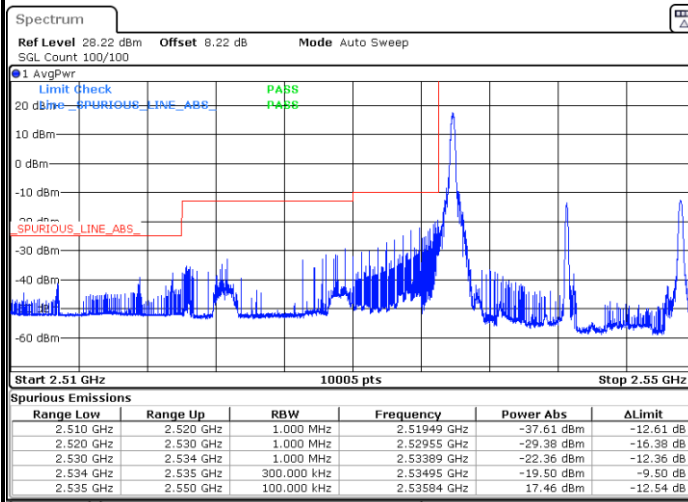
## Highest Band Edge / Full RB



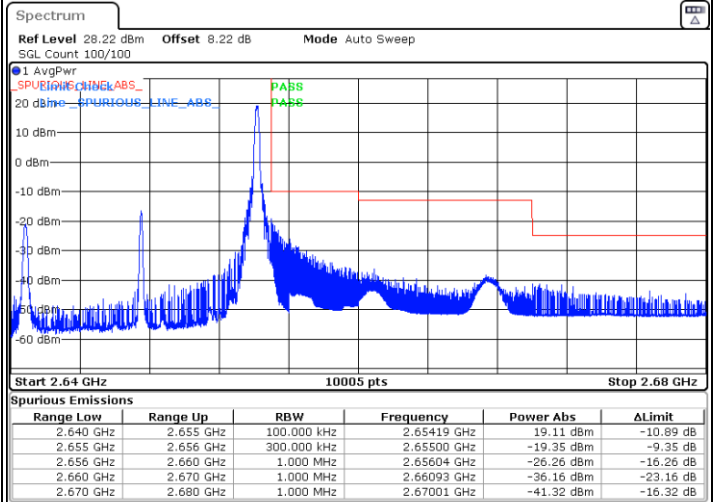


## LTE Band 41 / 15MHz / QPSK

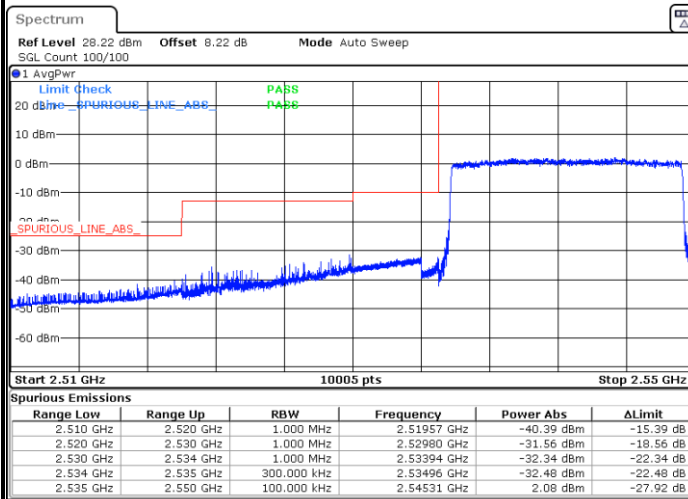
## Lowest Band Edge / 1 RB



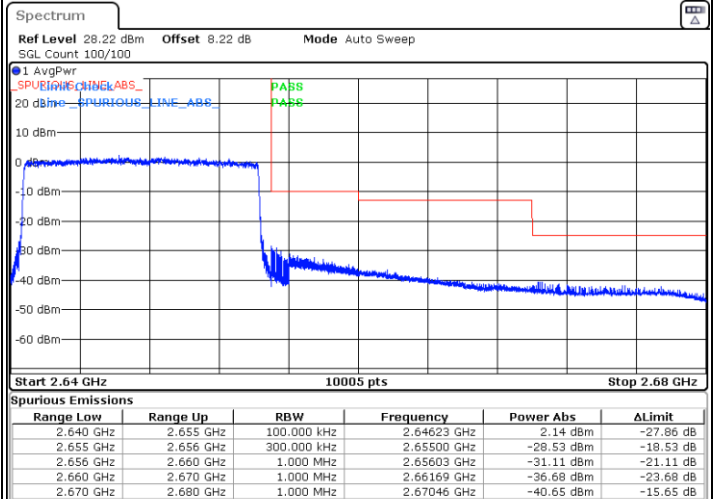
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



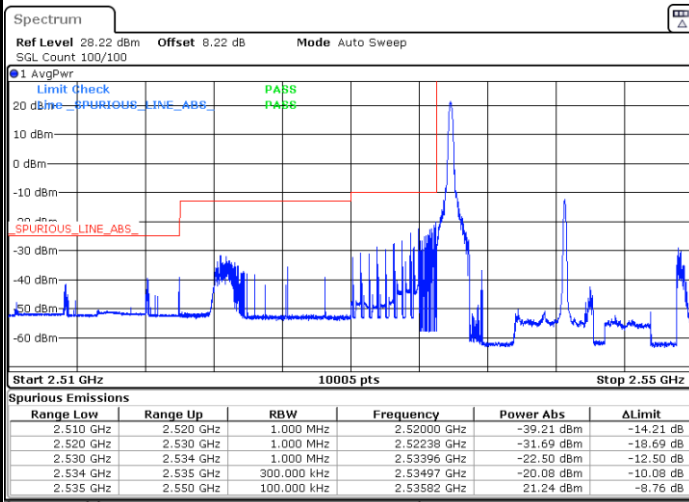
## Highest Band Edge / Full RB



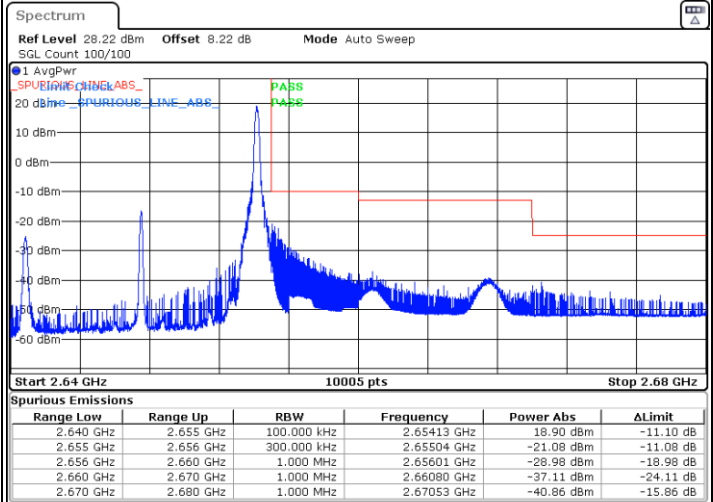


## LTE Band 41 / 15MHz / 16QAM

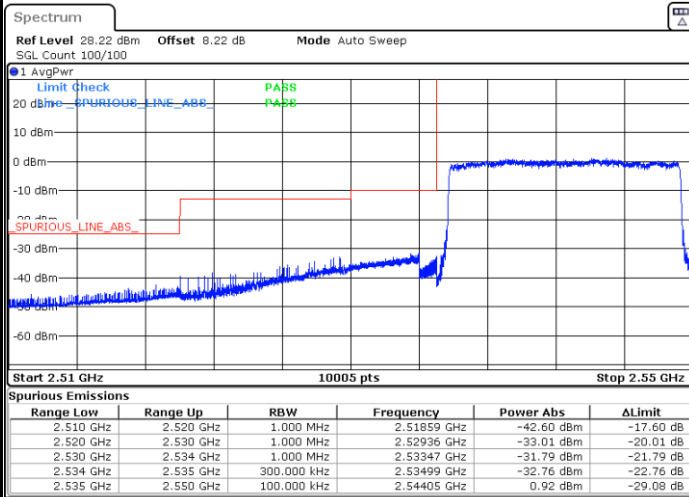
## Lowest Band Edge / 1 RB



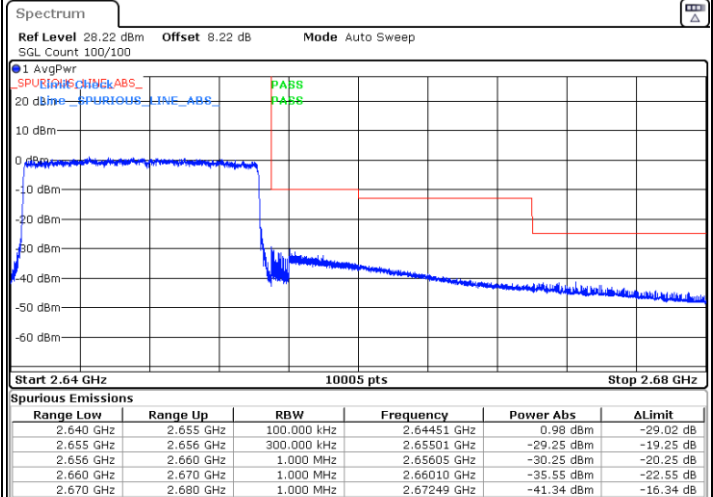
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



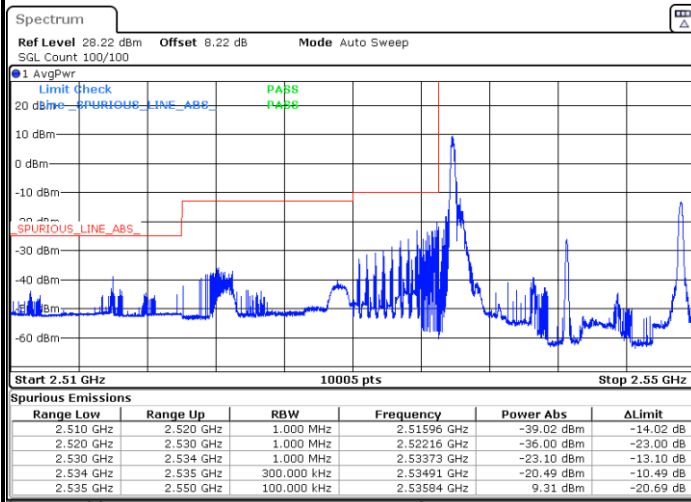
## Highest Band Edge / Full RB



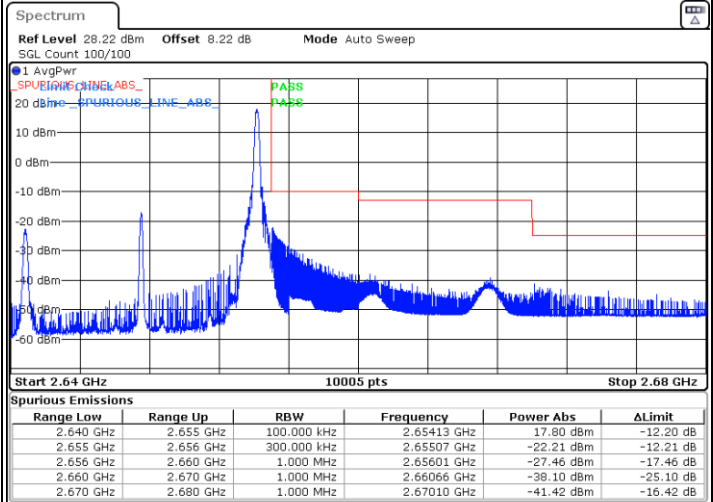


## LTE Band 41 / 15MHz / 64QAM

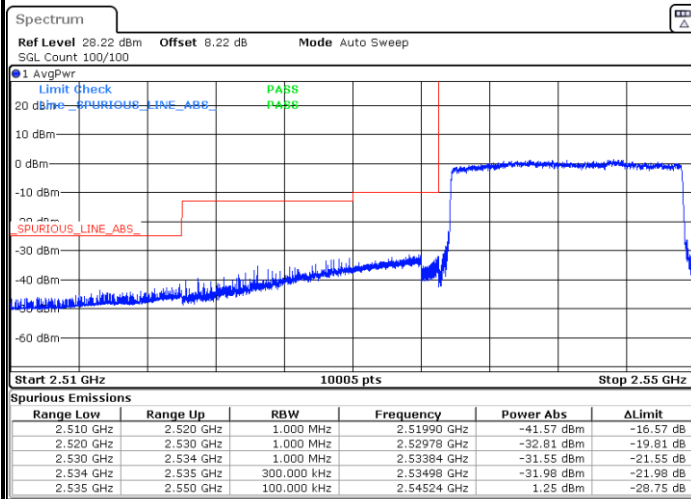
## Lowest Band Edge / 1 RB



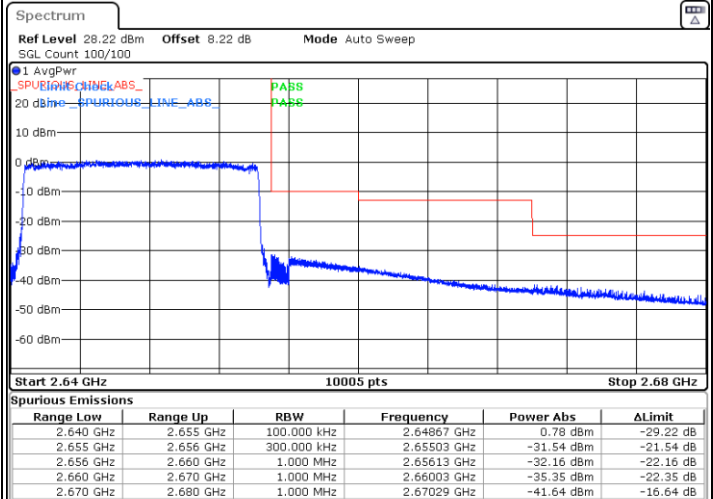
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



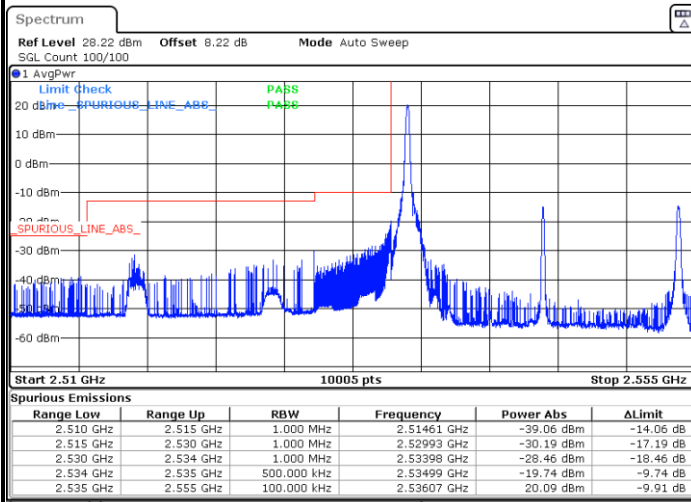
## Highest Band Edge / Full RB



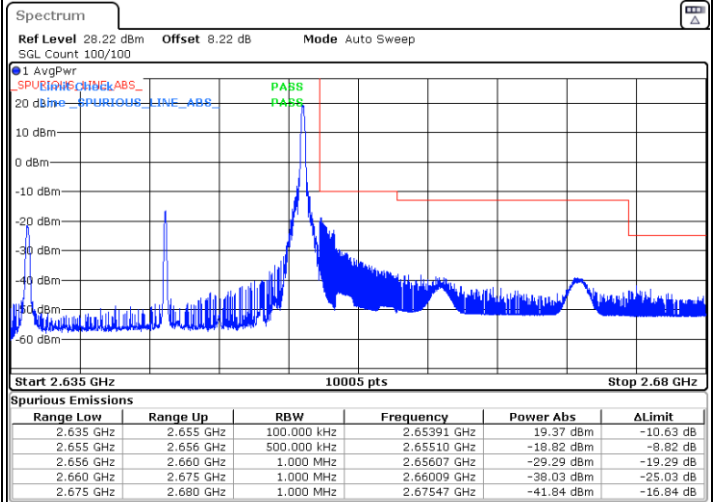


## LTE Band 41 / 20MHz / QPSK

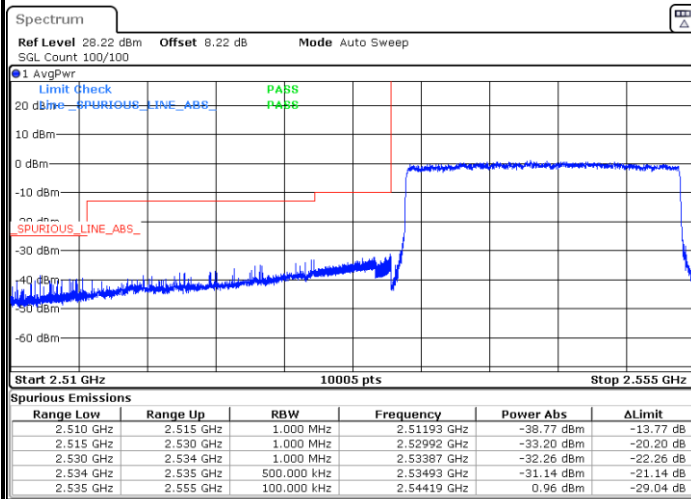
## Lowest Band Edge / 1 RB



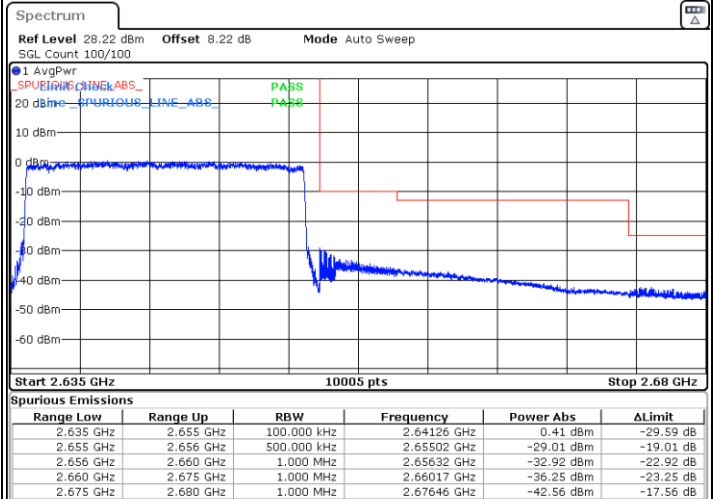
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



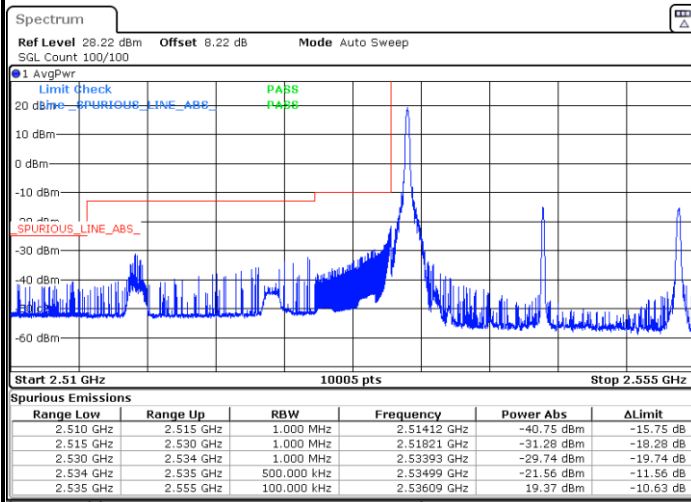
## Highest Band Edge / Full RB



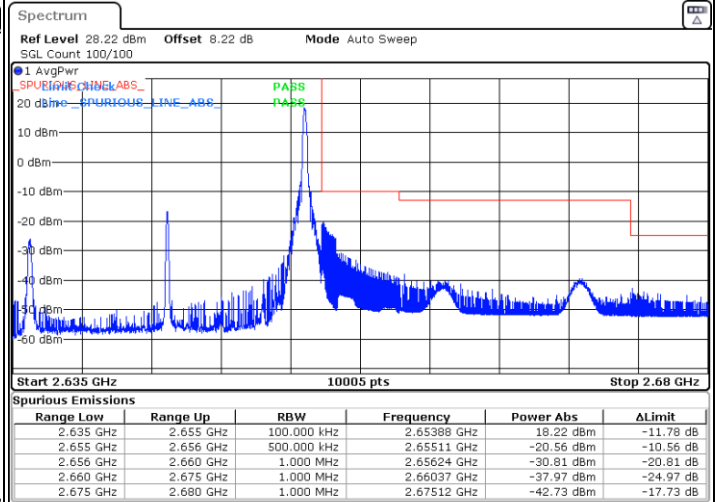


## LTE Band 41 / 20MHz / 16QAM

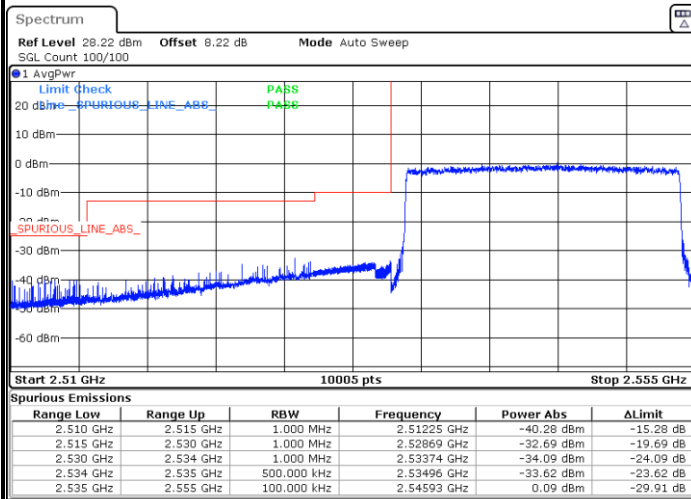
## Lowest Band Edge / 1 RB



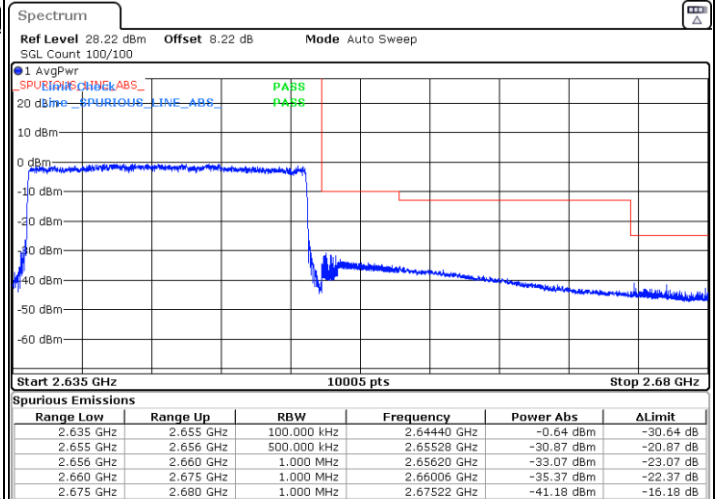
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



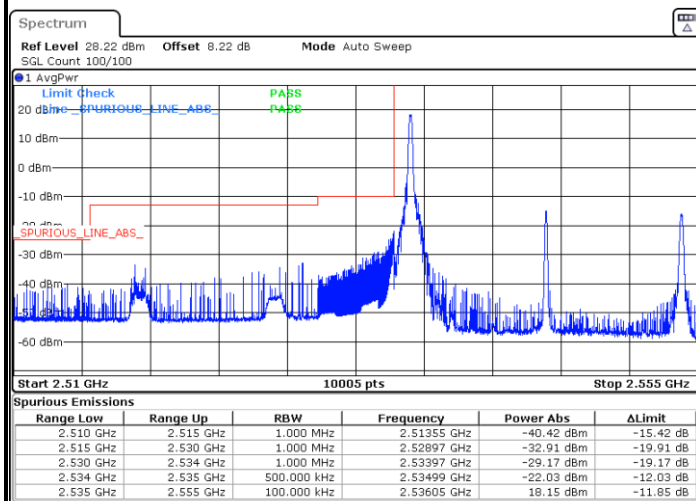
## Highest Band Edge / Full RB



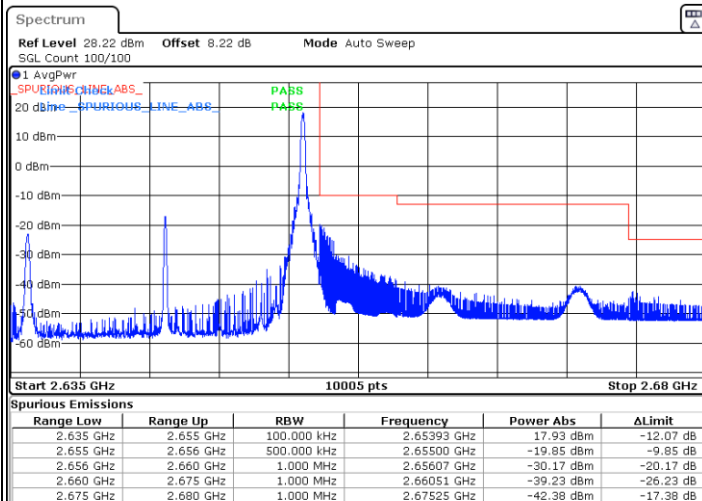


## LTE Band 41 / 20MHz / 64QAM

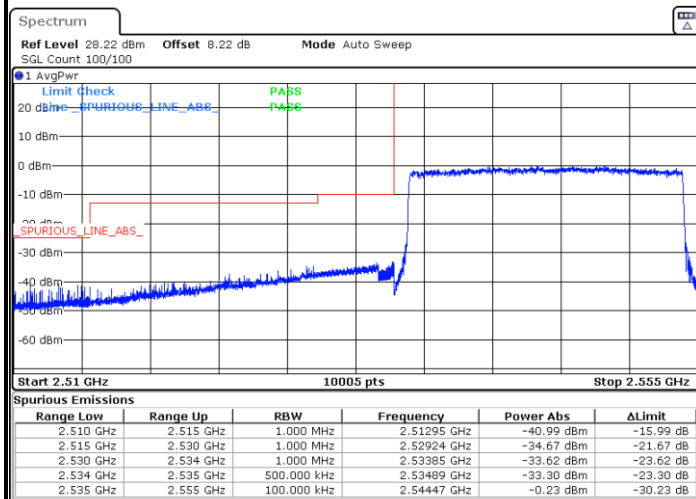
## Lowest Band Edge / 1 RB



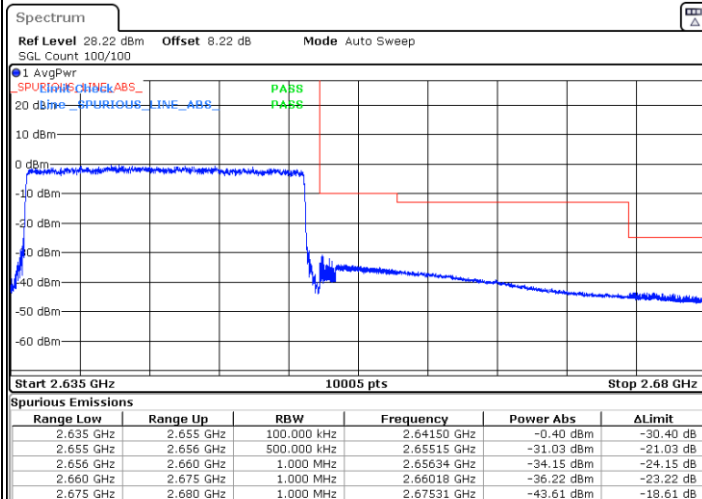
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

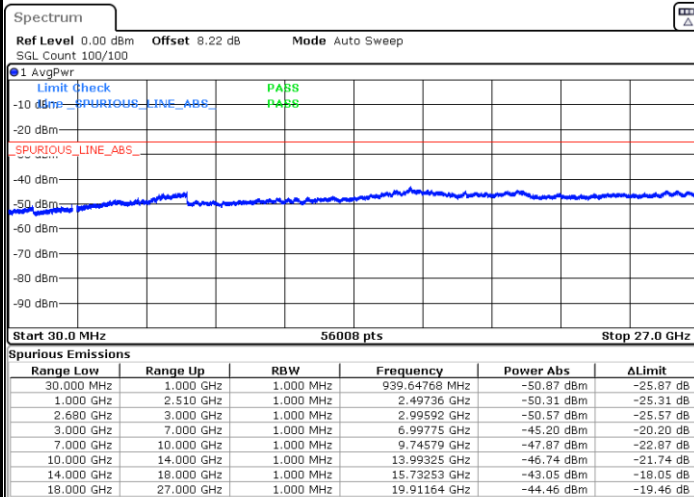




## Conducted Spurious Emission

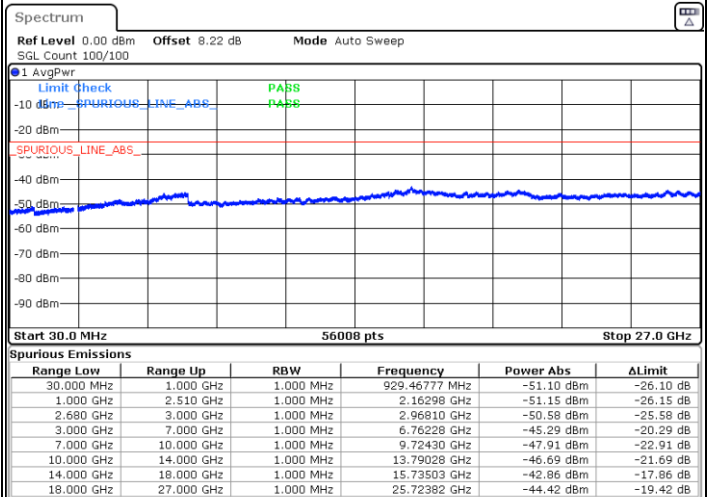
### LTE Band 41 / 5MHz

#### Lowest Channel / QPSK



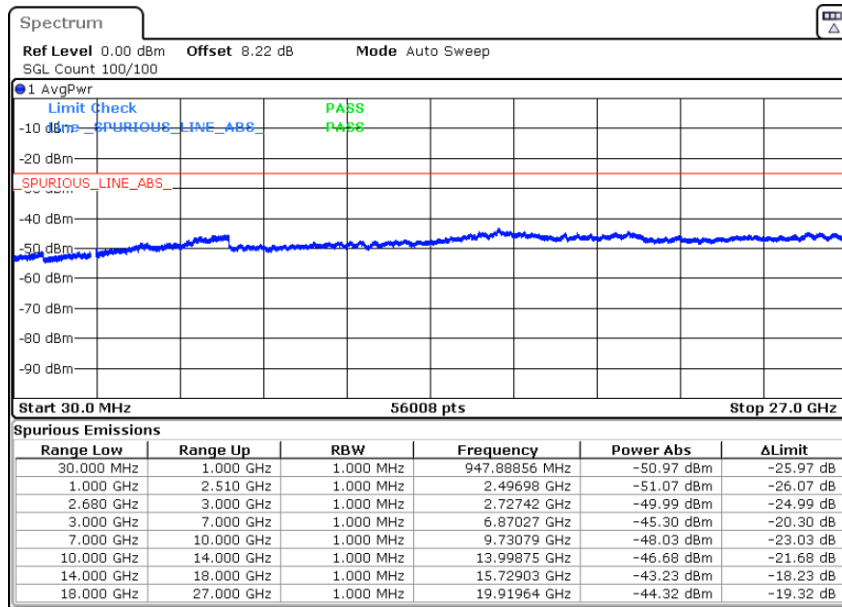
Date: 6.MAY.2022 21:23:20

#### Middle Channel / QPSK



Date: 6.MAY.2022 21:24:33

#### Highest Channel / QPSK

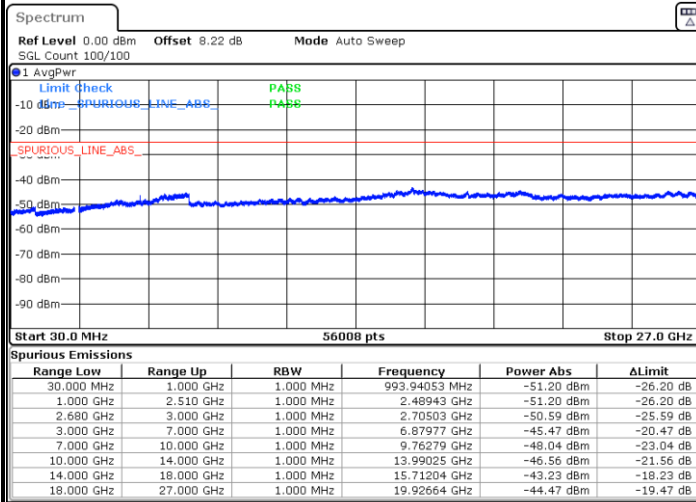


Date: 6.MAY.2022 21:32:53



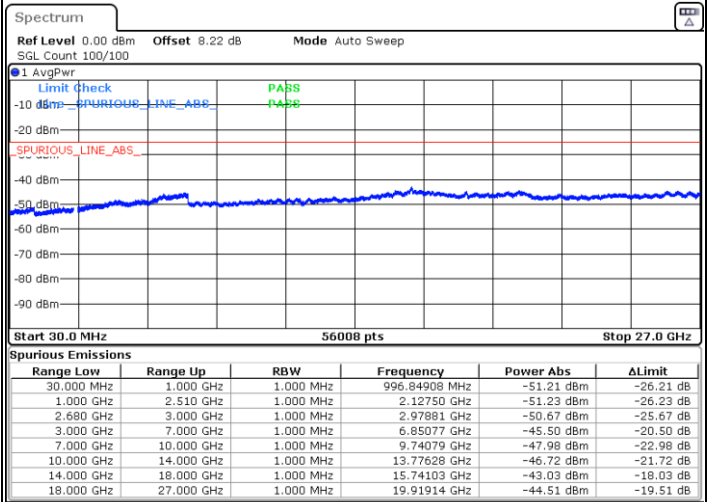
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



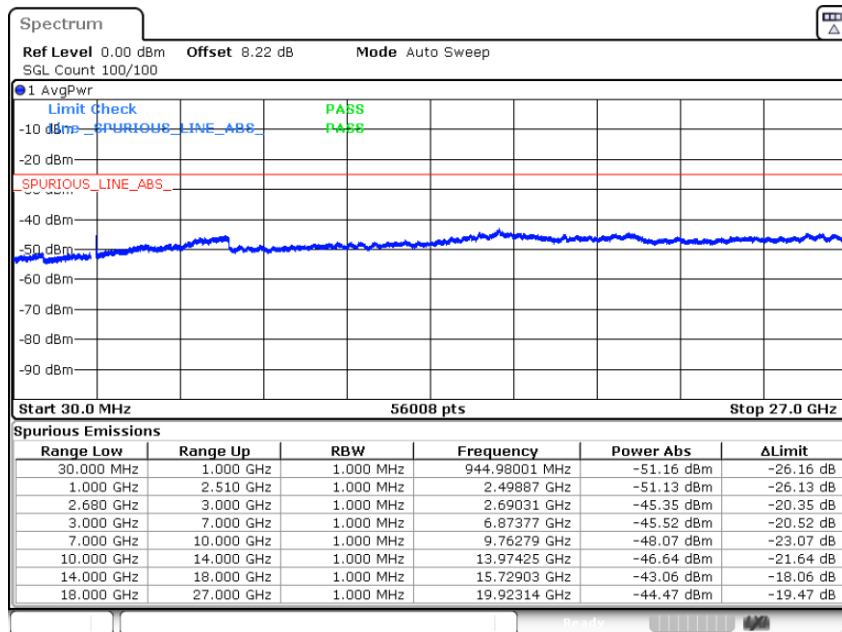
Date: 6.MAY.2022 21:41:28

## Middle Channel / QPSK



Date: 6.MAY.2022 21:42:40

## Highest Channel / QPSK

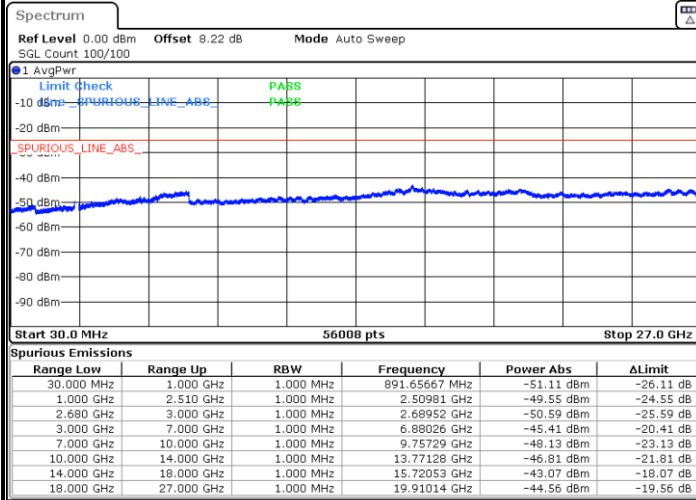


Date: 6.MAY.2022 21:50:58



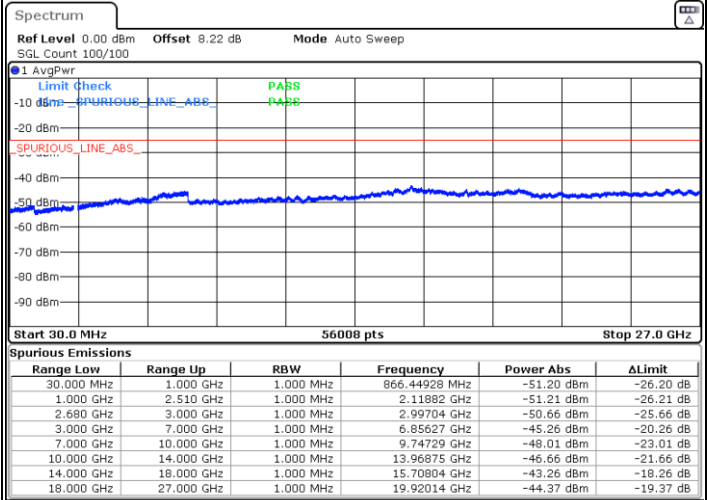
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



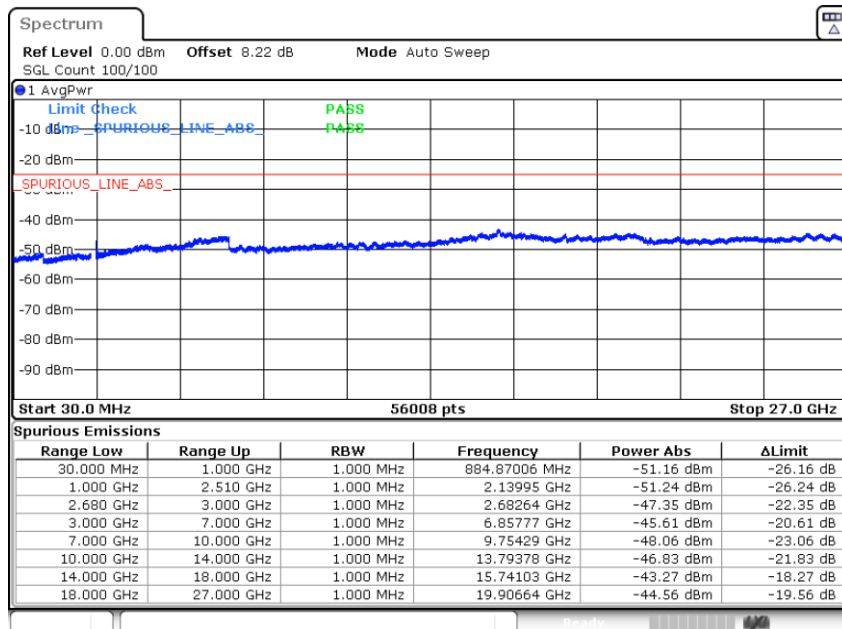
Date: 6.MAY.2022 21:59:33

## Middle Channel / QPSK



Date: 6.MAY.2022 22:00:44

## Highest Channel / QPSK

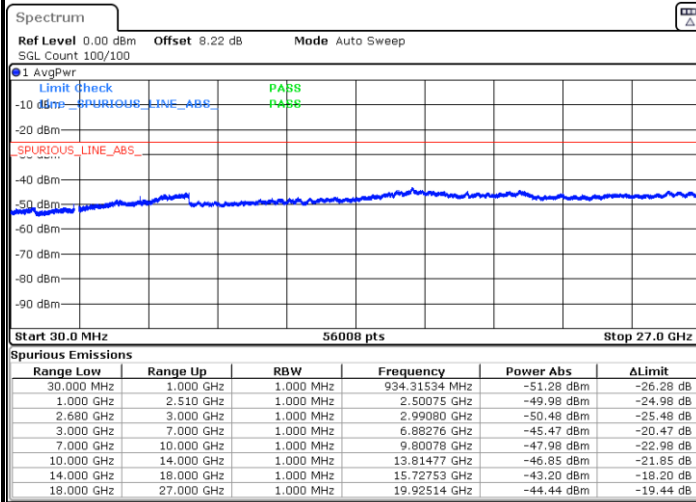


Date: 6.MAY.2022 22:09:23



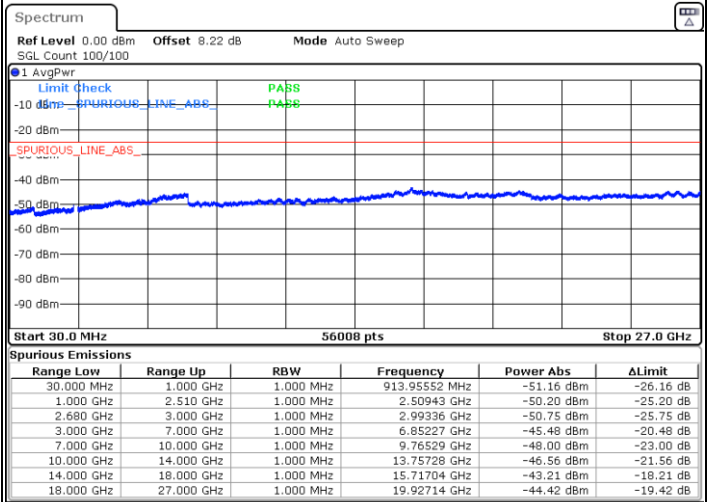
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



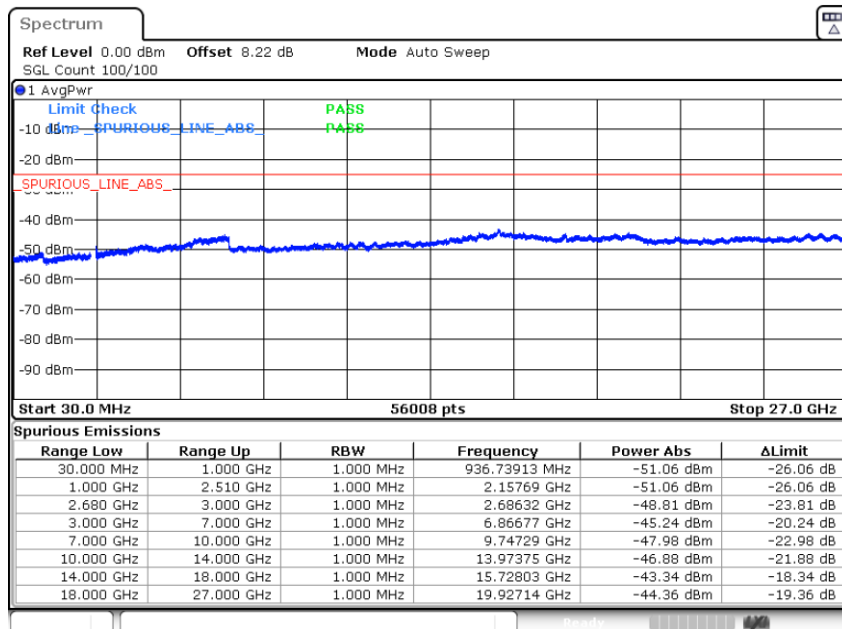
Date: 6.MAY.2022 22:17:57

## Middle Channel / QPSK



Date: 6.MAY.2022 22:19:08

## Highest Channel / QPSK



Date: 6.MAY.2022 22:27:48

**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    | 0.0008                              | PASS    |
| 40               | Normal Voltage    | 0.0026                              |         |
| 30               | Normal Voltage    | 0.0025                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0051                              |         |
| 0                | Normal Voltage    | 0.0028                              |         |
| -10              | Normal Voltage    | 0.0032                              |         |
| -20              | Normal Voltage    | 0.0055                              |         |
| -30              | Normal Voltage    | 0.0008                              |         |
| 20               | Maximum Voltage   | 0.0026                              |         |
| 20               | Normal Voltage    | 0.0032                              |         |
| 20               | Battery End Point | 0.0015                              |         |

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 : | Levi Zhuo | Temperature :       | 22~23°C |
|                 |           | Relative Humidity : | 41~42%  |

| LTE Band 5 / 10MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                    | 1664              | -65.93       | -13           | -52.93            | -72.90             | 1.58                 | 10.70                 | H                  |
|                           | 2496              | -60.51       | -13           | -47.51            | -68.76             | 2.102                | 12.50                 | H                  |
|                           | 3328              | -59.90       | -13           | -46.90            | -68.79             | 2.856                | 13.90                 | H                  |
|                           | 1664              | -64.83       | -13           | -51.83            | -71.80             | 1.58                 | 10.70                 | V                  |
|                           | 2496              | -59.80       | -13           | -46.80            | -68.05             | 2.10                 | 12.50                 | V                  |
|                           | 3328              | -59.98       | -13           | -46.98            | -68.87             | 2.86                 | 13.90                 | V                  |

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

| LTE Band 41 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                     | 5162              | -64.33       | -25           | -39.33            | -74.54             | 3.03                 | 13.24                 | H                  |
|                            | 7752              | -62.79       | -25           | -37.79            | -72.24             | 3.56                 | 13.01                 | H                  |
|                            | 10342             | -61.72       | -25           | -36.72            | -71.24             | 3.92                 | 13.44                 | H                  |
|                            | 5162              | -64.01       | -25           | -39.01            | -74.22             | 3.03                 | 13.24                 | V                  |
|                            | 7752              | -62.68       | -25           | -37.68            | -72.13             | 3.56                 | 13.01                 | V                  |
|                            | 10342             | -62.06       | -25           | -37.06            | -71.58             | 3.92                 | 13.44                 | V                  |

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