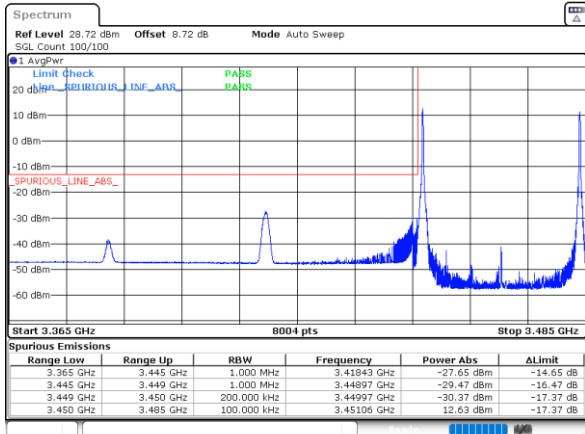




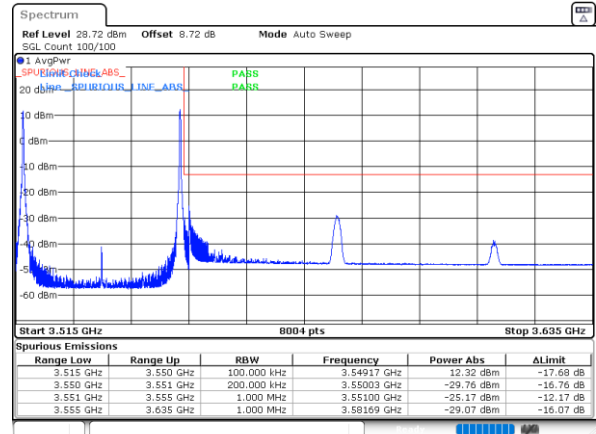
## LTE Band 42C / 20MHz+15MHz

## 16QAM

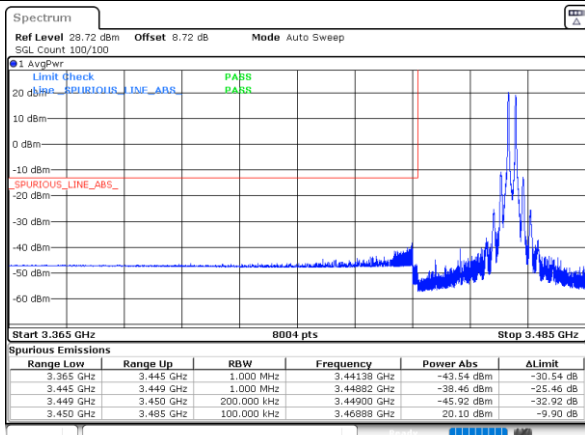
## Lowest Band Edge / 1RB0 and 1RB74



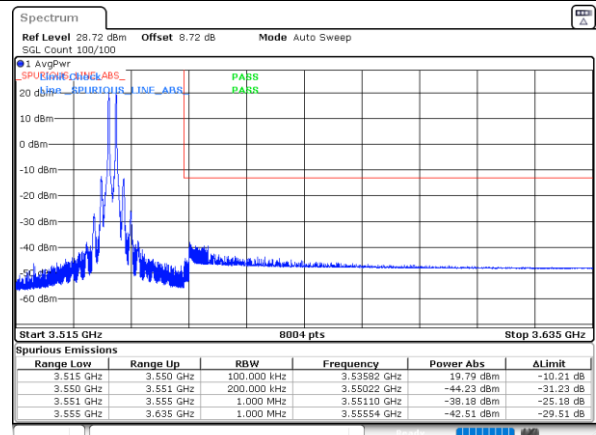
## Highest Band Edge / 1RB0 and 1RB74



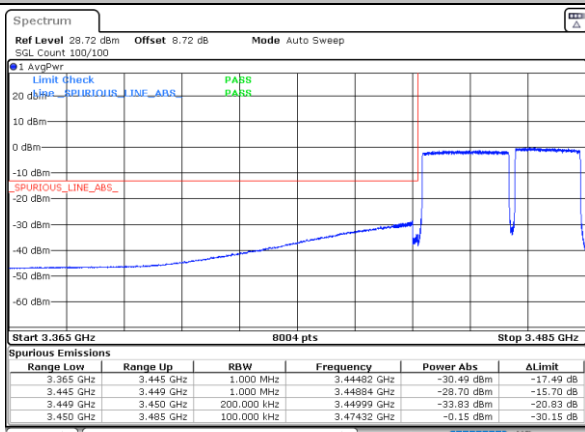
## Lowest Band Edge / 1RB99 and 1RB0



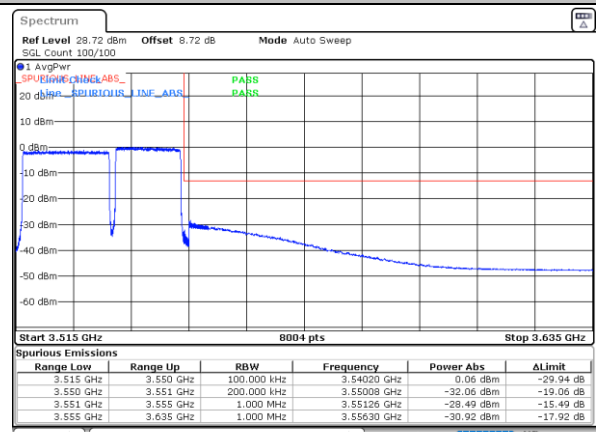
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

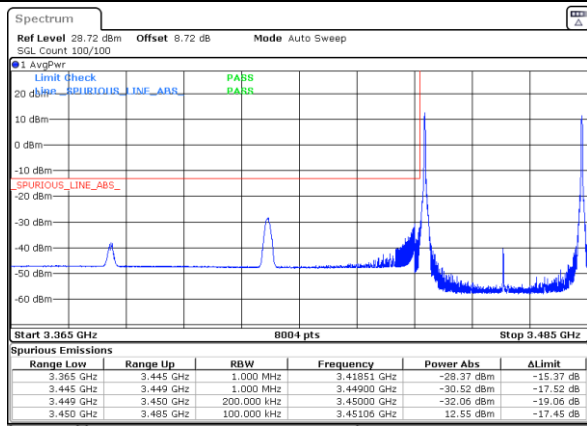




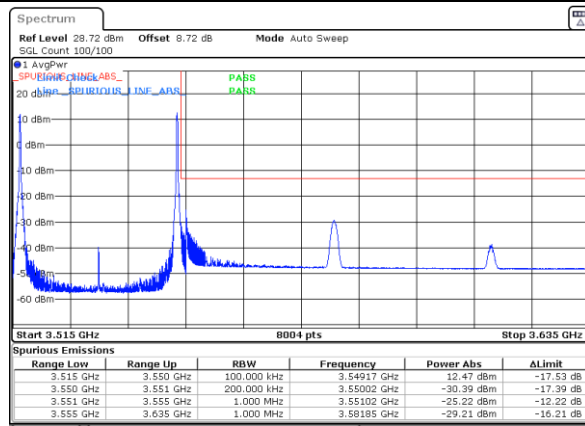
## LTE Band 42C / 20MHz+15MHz

## 64QAM

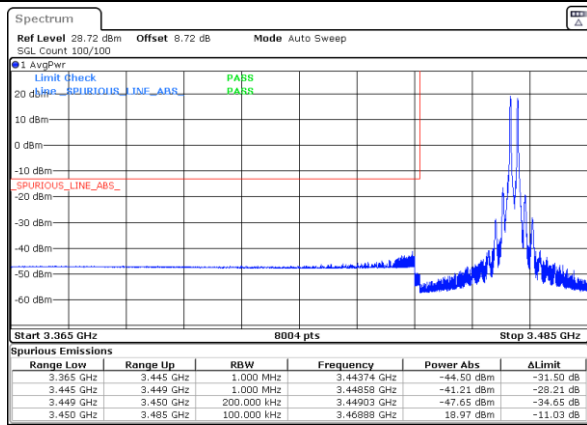
## Lowest Band Edge / 1RB0 and 1RB74



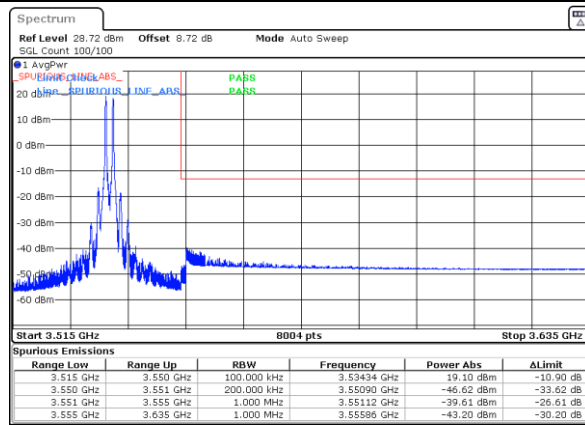
## Highest Band Edge / 1RB0 and 1RB74



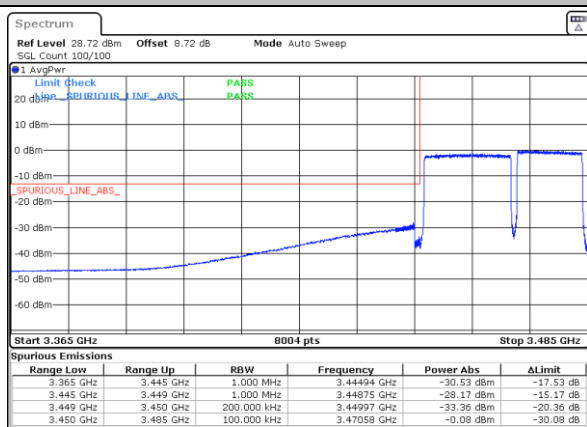
## Lowest Band Edge / 1RB99 and 1RB0



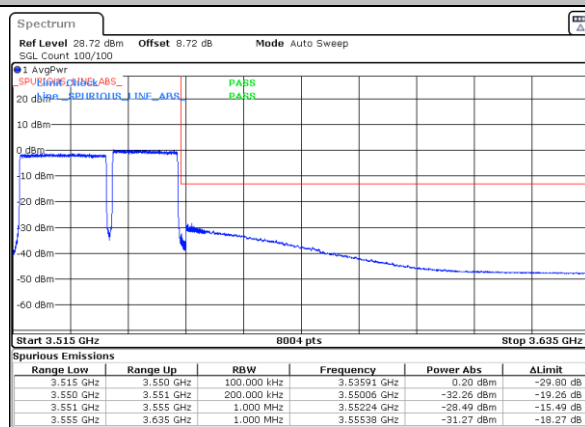
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

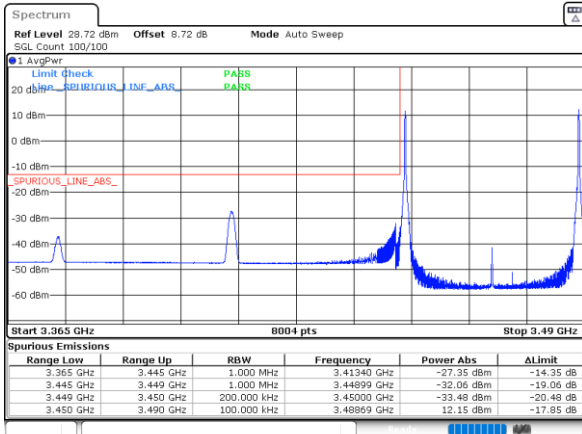




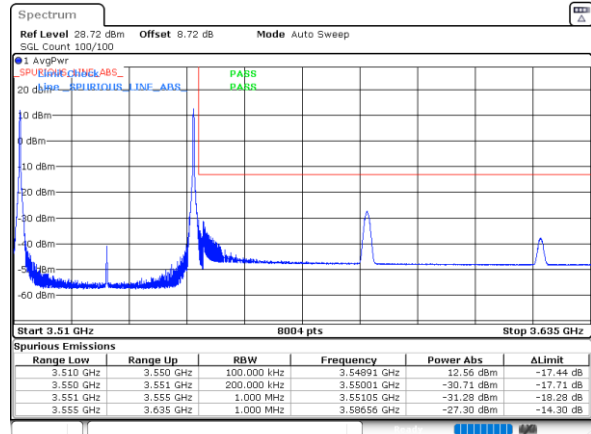
## LTE Band 42C / 20MHz+20MHz

## QPSK

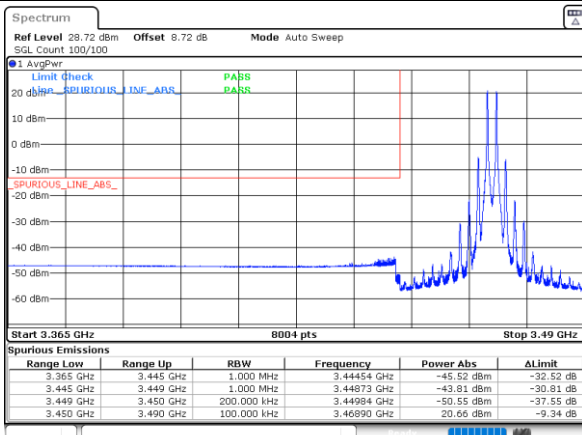
## Lowest Band Edge / 1RB0 and 1RB99



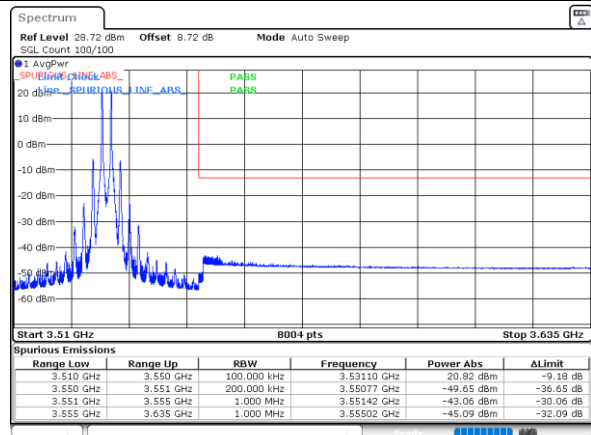
## Highest Band Edge / 1RB0 and 1RB99



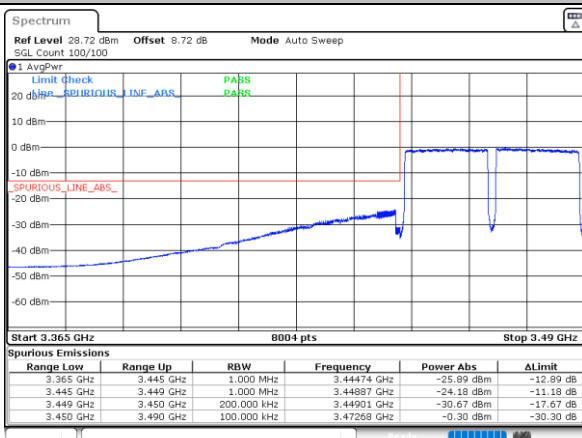
## Lowest Band Edge / 1RB99 and 1RB0



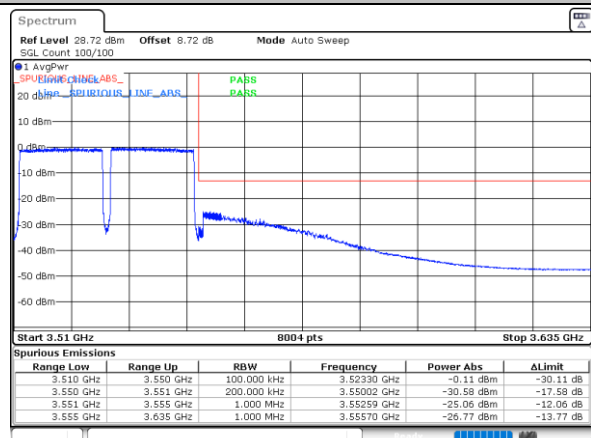
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

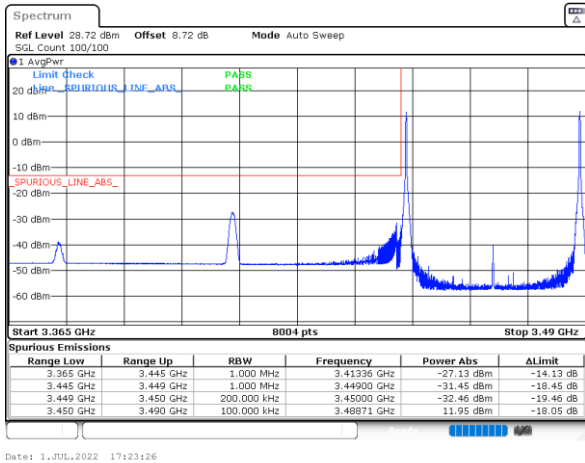




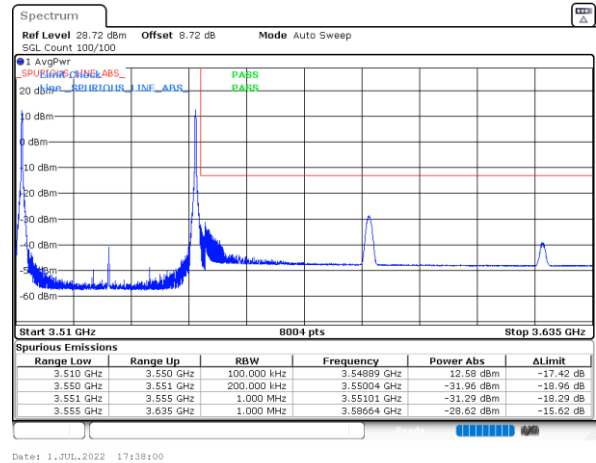
## LTE Band 42C / 20MHz+20MHz

## 16QAM

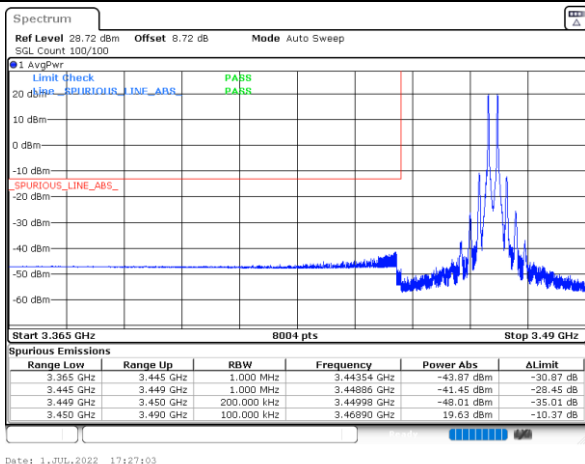
## Lowest Band Edge / 1RB0 and 1RB99



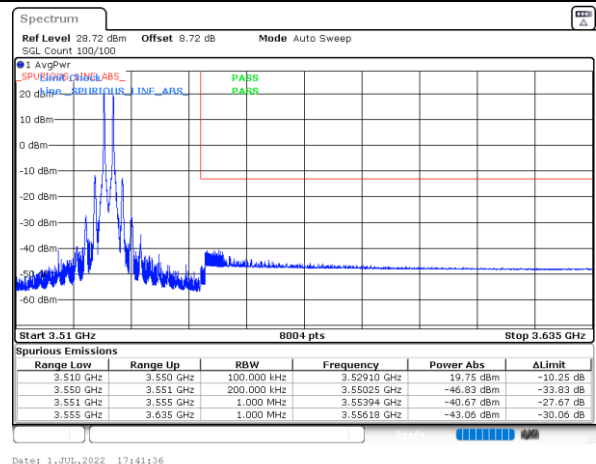
## Highest Band Edge / 1RB0 and 1RB99



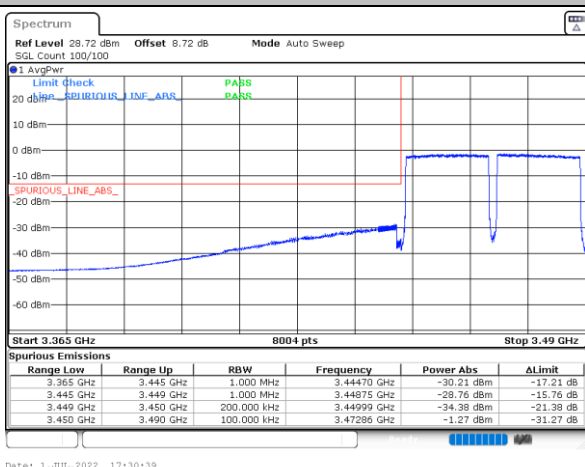
## Lowest Band Edge / 1RB99 and 1RB0



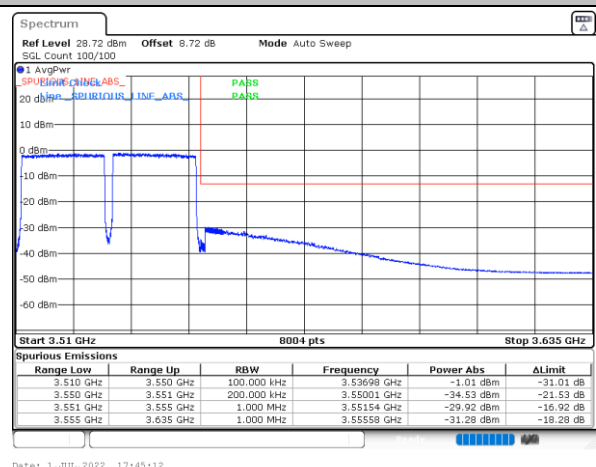
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

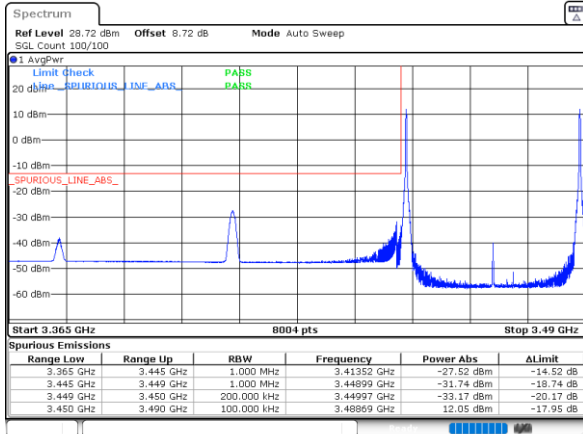




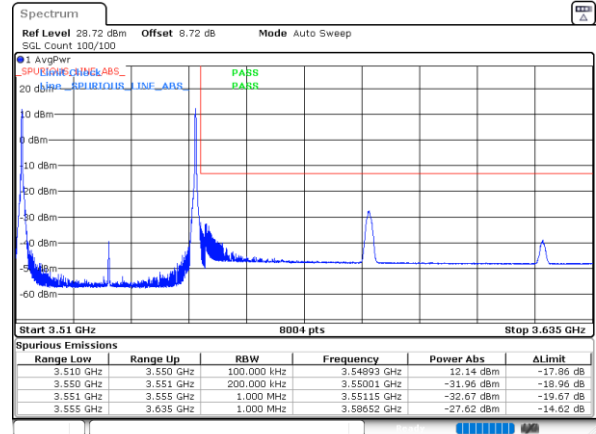
## LTE Band 42C / 20MHz+20MHz

## 64QAM

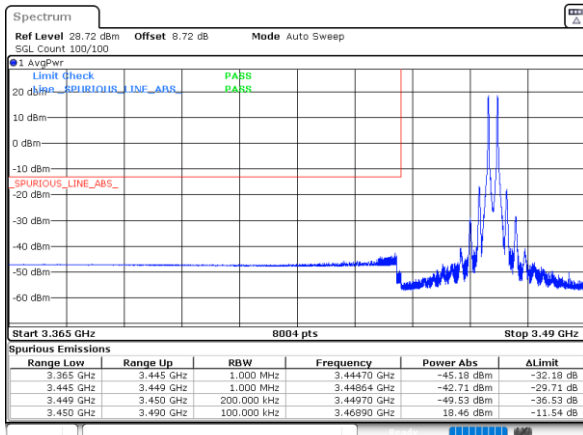
## Lowest Band Edge / 1RB0 and 1RB99



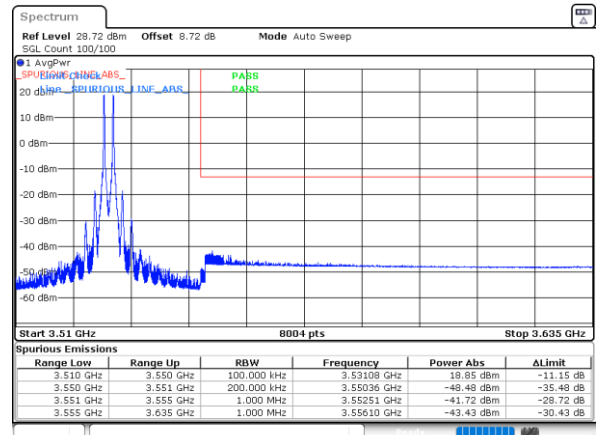
## Highest Band Edge / 1RB0 and 1RB99



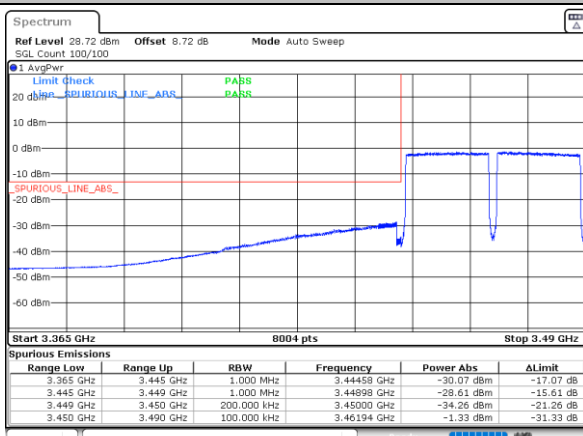
## Lowest Band Edge / 1RB99 and 1RB0



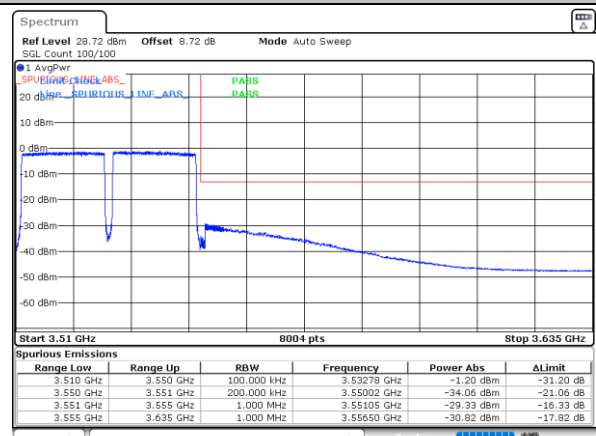
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



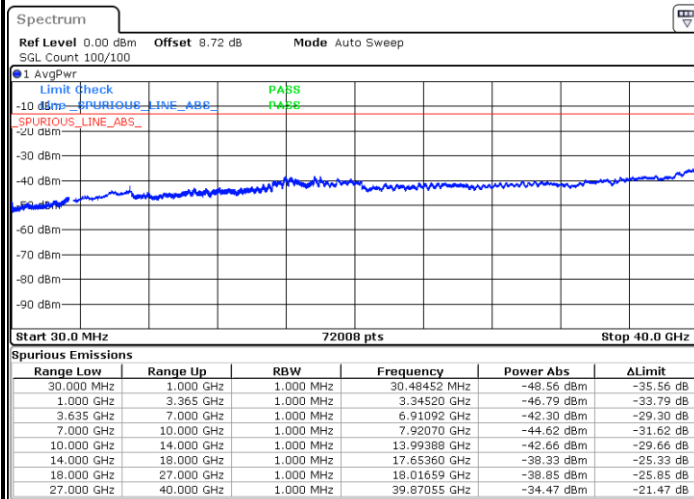
## Highest Band Edge / Full RB





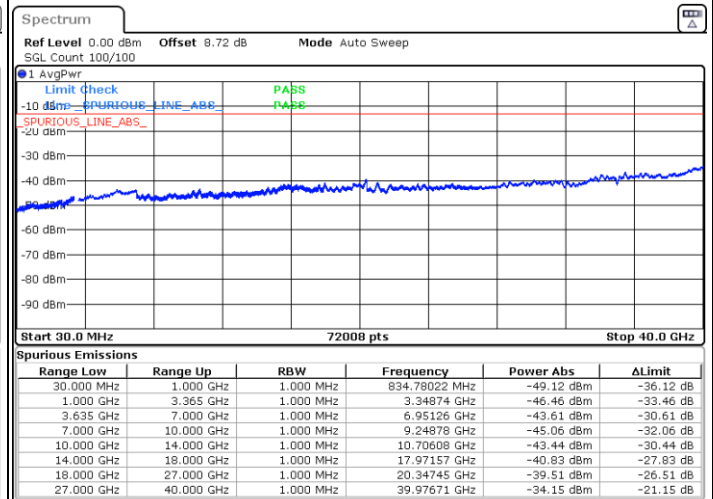
# Conducted Spurious Emission

## LTE Band 42C / 5MHz+20MHz QPSK Lowest Channel / 1RB24 and 1RB0



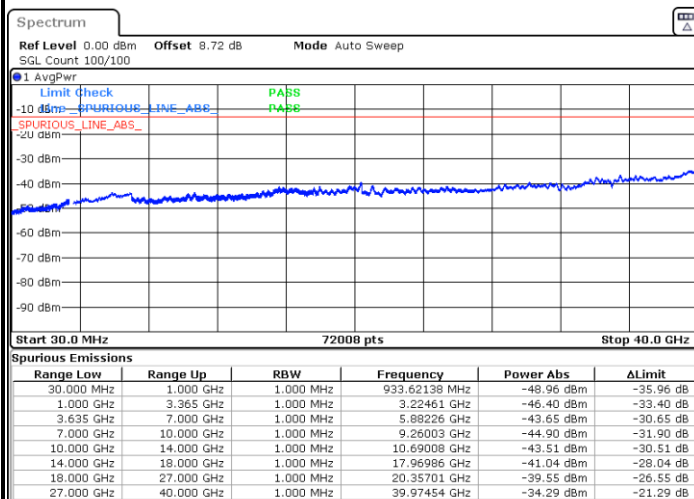
Date: 2.JUL.2022 09:14:19

## LTE Band 42C / 5MHz+20MHz QPSK Middle Channel / 1RB24 and 1RB0

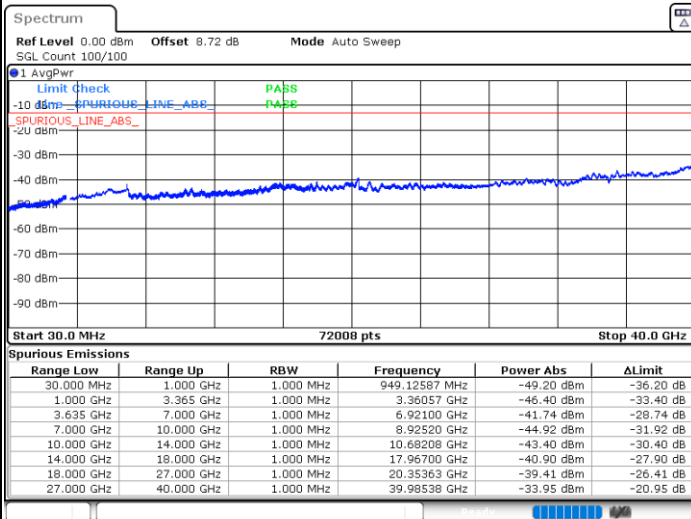


Date: 1.JUL.2022 14:39:39

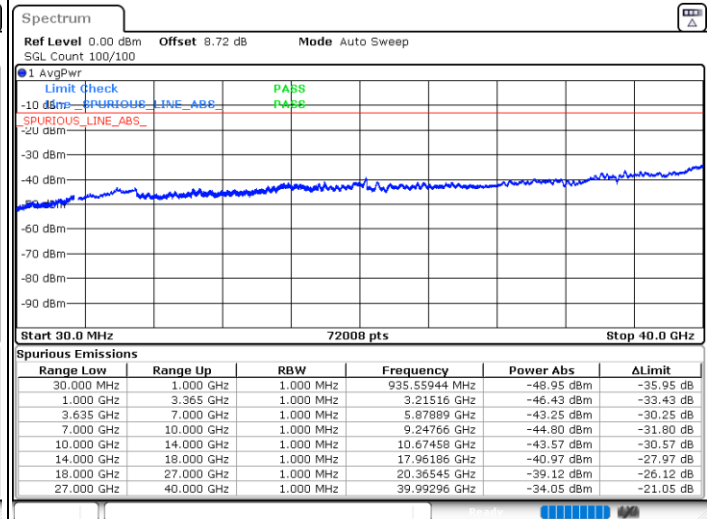
## LTE Band 42C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



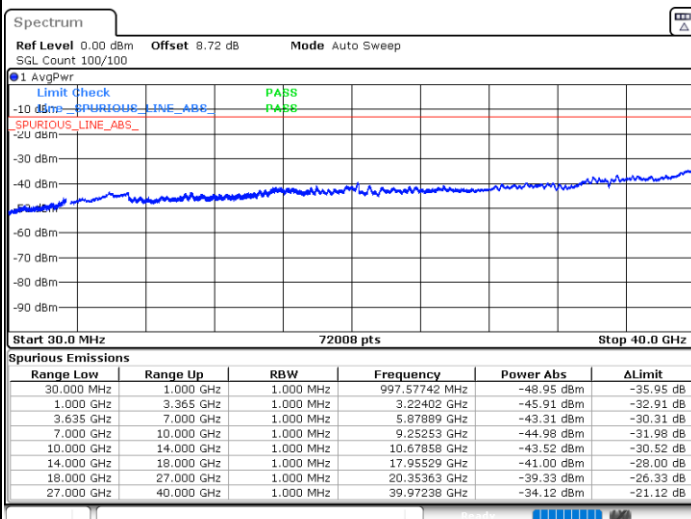
Date: 1.JUL.2022 14:41:33

LTE Band 42C / 10MHz+20MHz QPSK Lowest  
Channel / 1RB49 and 1RB0LTE Band 42C / 10MHz+20MHz QPSK Middle  
Channel / 1RB49 and 1RB0

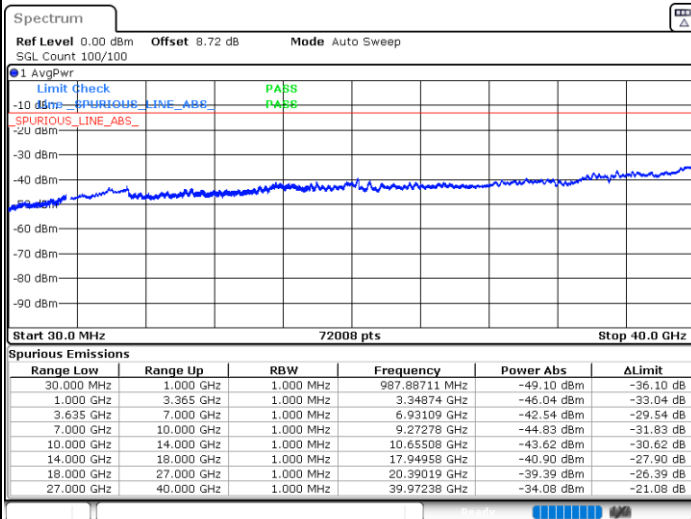
Date: 1.JUL.2022 14:58:21



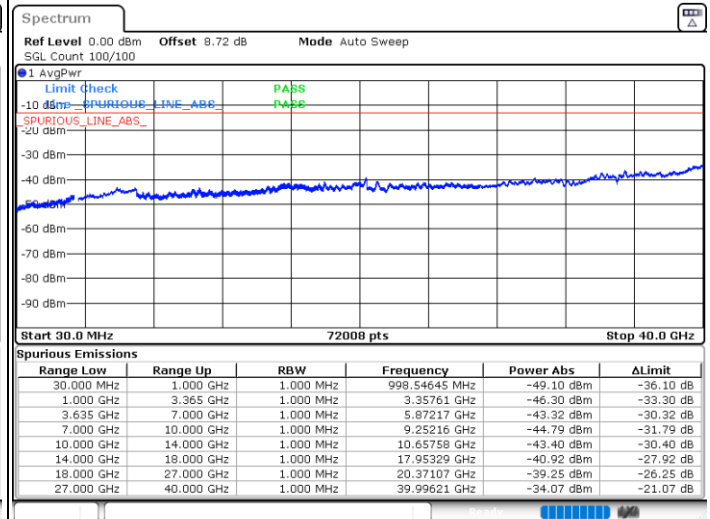
Date: 1.JUL.2022 15:14:40

LTE Band 42C / 10MHz+20MHz QPSK Highest  
Channel / 1RB49 and 1RB0

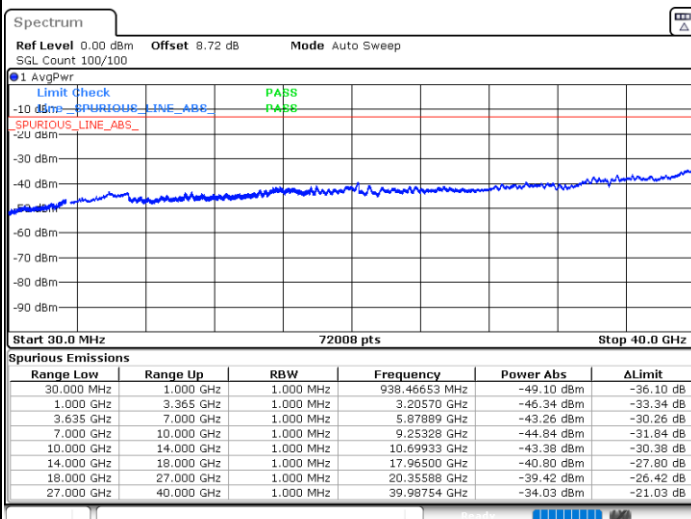
Date: 1.JUL.2022 15:16:33

LTE Band 42C / 15MHz+20MHz QPSK Lowest  
Channel / 1RB74 and 1RB0LTE Band 42C / 15MHz+20MHz QPSK Middle  
Channel / 1RB74 and 1RB0

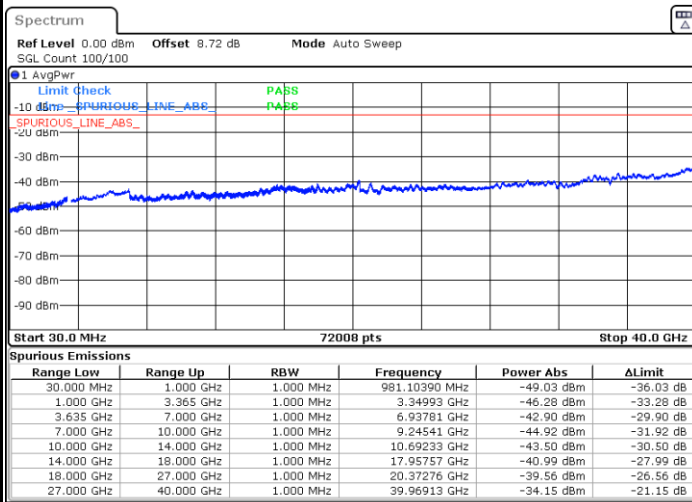
Date: 1.JUL.2022 15:29:38



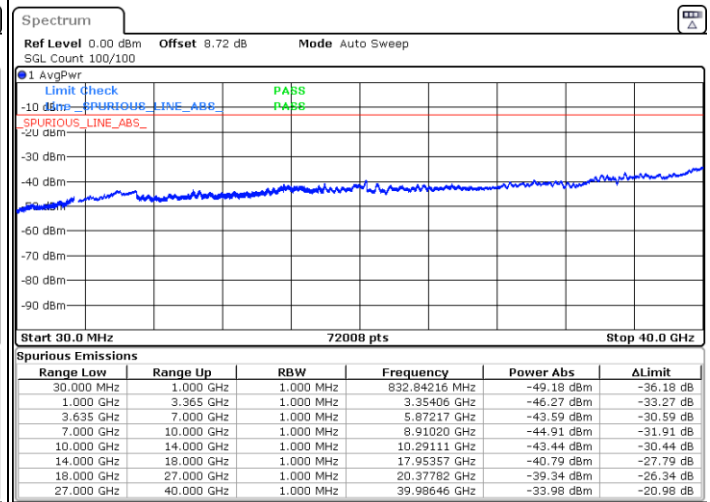
Date: 1.JUL.2022 15:42:50

LTE Band 42C / 15MHz+20MHz QPSK Highest  
Channel / 1RB74 and 1RB0

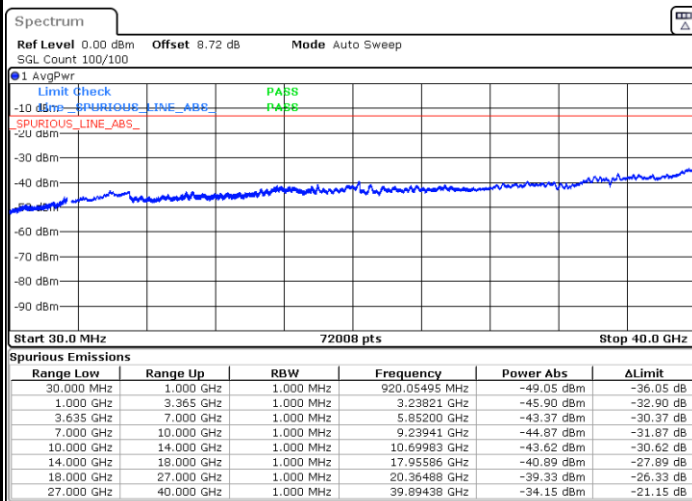
Date: 1.JUL.2022 15:44:43

LTE Band 42C / 20MHz+5MHz QPSK Lowest  
Channel / 1RB99 and 1RB0

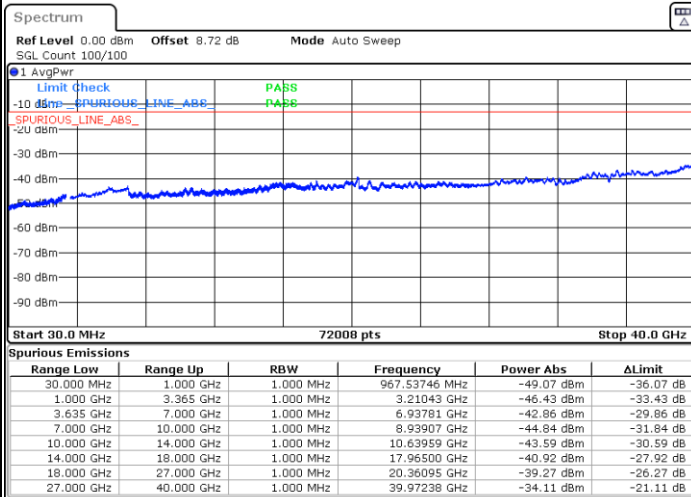
Date: 1.JUL.2022 15:58:15

LTE Band 42C / 20MHz+5MHz QPSK Middle Channel  
/ 1RB99 and 1RB0

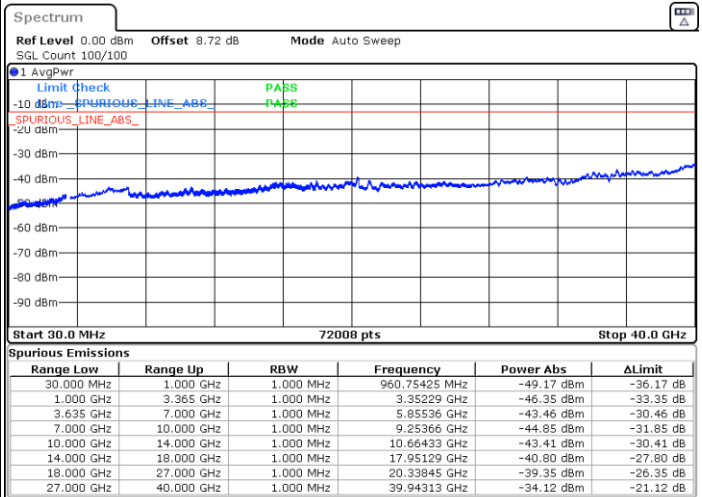
Date: 1.JUL.2022 16:12:02

LTE Band 42C / 20MHz+5MHz QPSK Highest  
Channel / 1RB99 and 1RB0

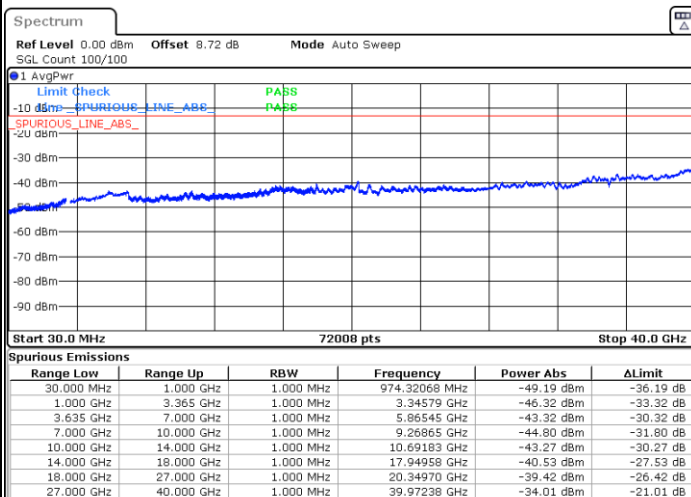
Date: 1.JUL.2022 16:13:54

LTE Band 42C / 20MHz+10MHz QPSK Lowest  
Channel / 1RB99 and 1RB0LTE Band 42C / 20MHz+10MHz QPSK Middle  
Channel / 1RB99 and 1RB0

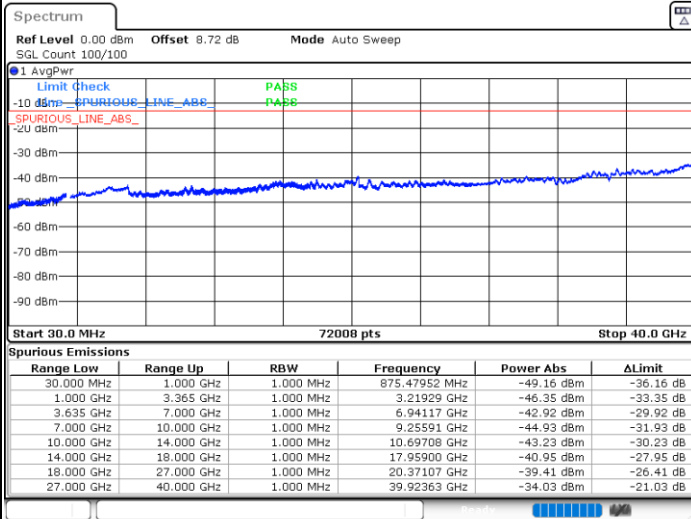
Date: 1.JUL.2022 16:26:36



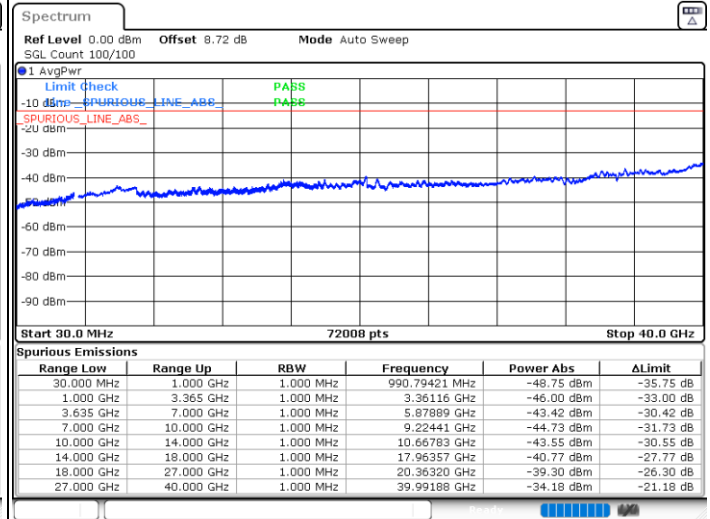
Date: 1.JUL.2022 16:39:16

LTE Band 42C / 20MHz+10MHz QPSK Highest  
Channel / 1RB99 and 1RB0

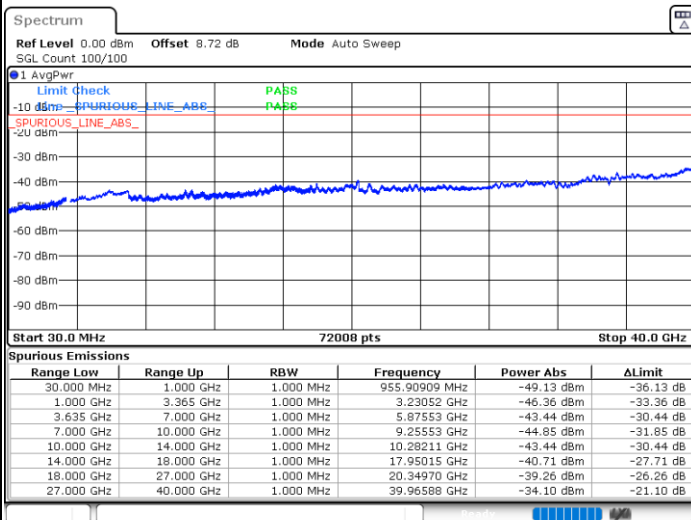
Date: 1.JUL.2022 16:41:08

LTE Band 42C / 20MHz+15MHz QPSK Lowest  
Channel / 1RB99 and 1RB0LTE Band 42C / 20MHz+15MHz QPSK Middle  
Channel / 1RB99 and 1RB0

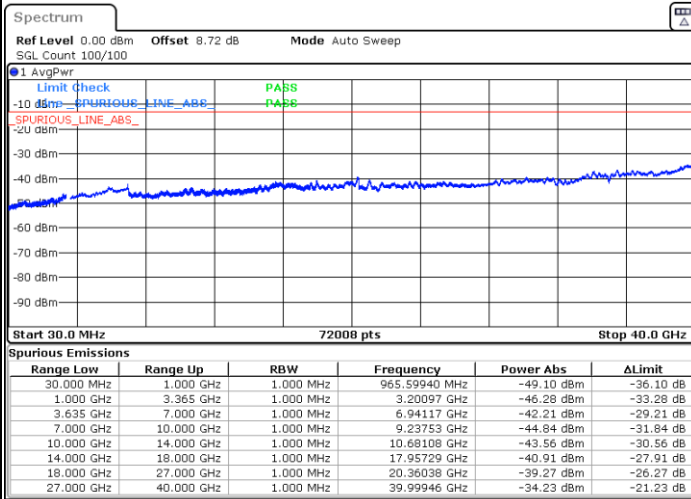
Date: 1.JUL.2022 16:53:49



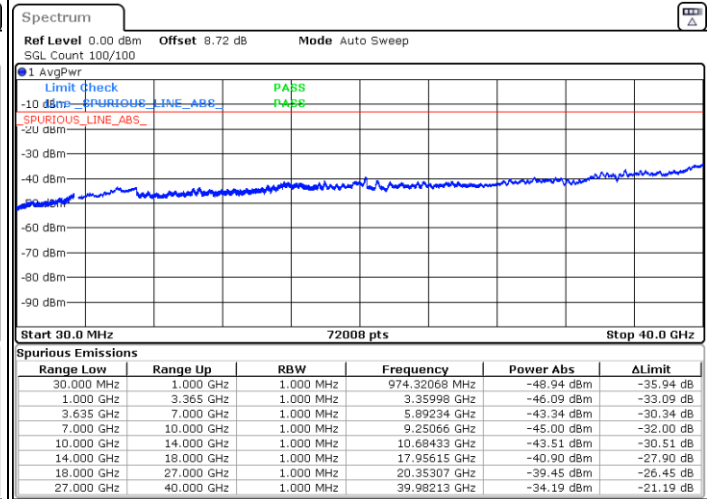
Date: 1.JUL.2022 17:06:30

LTE Band 42C / 20MHz+15MHz QPSK Highest  
Channel / 1RB99 and 1RB0

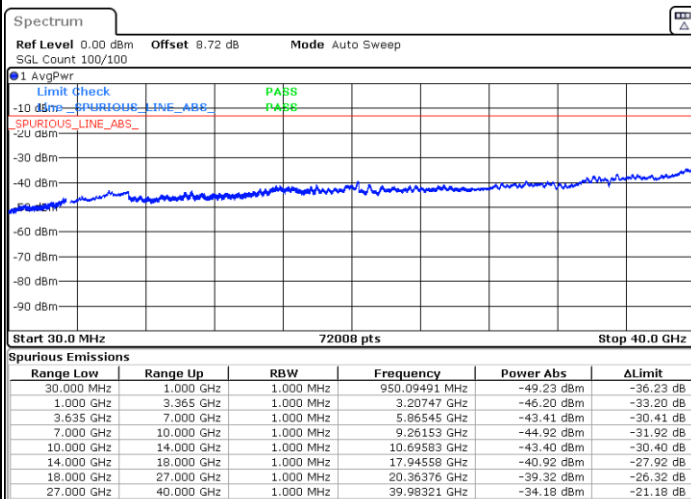
Date: 1.JUL.2022 17:08:22

LTE Band 42C / 20MHz+20MHz QPSK Lowest  
Channel / 1RB99 and 1RB0LTE Band 42C / 20MHz+20MHz QPSK Middle  
Channel / 1RB99 and 1RB0

Date: 1.JUL.2022 17:21:02



Date: 1.JUL.2022 17:33:44

LTE Band 42C / 20MHz+20MHz QPSK Highest  
Channel / 1RB99 and 1RB0

Date: 1.JUL.2022 17:35:36

## Frequency Stability

| Test Conditions  |                   | LTE Band 42C (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|--------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 20+20MHz                          | Note 2. |
|                  |                   | Deviation (ppm)                      | Result  |
| 50               | Normal Voltage    | 0.0017                               | PASS    |
| 40               | Normal Voltage    | 0.0023                               |         |
| 30               | Normal Voltage    | 0.0011                               |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                               |         |
| 10               | Normal Voltage    | 0.0019                               |         |
| 0                | Normal Voltage    | 0.0021                               |         |
| -10              | Normal Voltage    | 0.0028                               |         |
| -20              | Normal Voltage    | 0.0035                               |         |
| -30              | Normal Voltage    | 0.0032                               |         |
| 20               | Maximum Voltage   | 0.0019                               |         |
| 20               | Normal Voltage    | 0.0014                               |         |
| 20               | Battery End Point | 0.0029                               |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 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%  |

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

| LTE Band 42C_CA / 20MHz+20MHz / QPSK / Ant.6 |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                       | 6960              | -57.43       | -13           | -44.43            | -64.73             | 3.56                 | 13.01                 | H                  |
|                                              | 10440             | -60.18       | -13           | -47.18            | -67.55             | 3.92                 | 13.44                 | H                  |
|                                              | 13920             | -59.77       | -13           | -46.77            | -66.66             | 4.39                 | 13.43                 | H                  |
|                                              | 6960              | -60.10       | -13           | -47.10            | -67.40             | 3.56                 | 13.01                 | V                  |
|                                              | 10440             | -60.83       | -13           | -47.83            | -68.20             | 3.92                 | 13.44                 | V                  |
|                                              | 13920             | -60.11       | -13           | -47.11            | -67.00             | 4.39                 | 13.43                 | V                  |

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