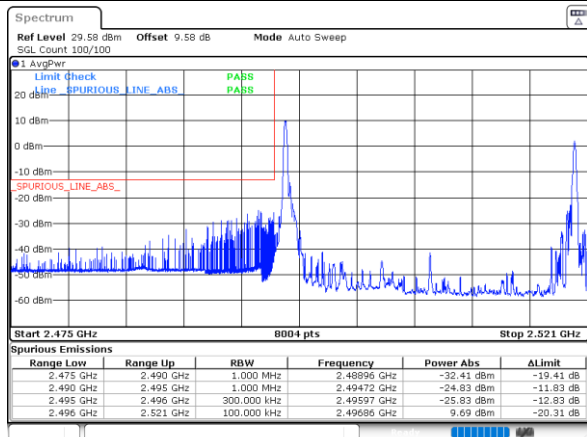




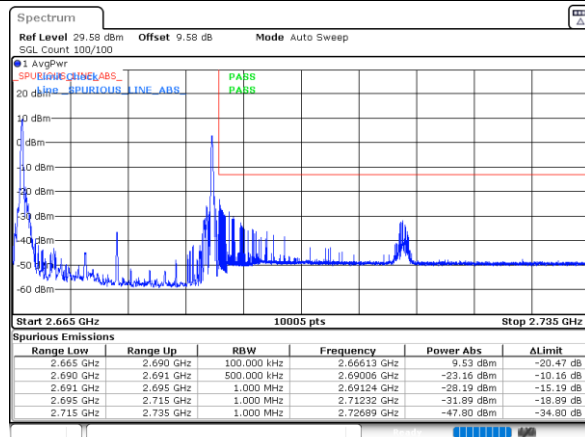
## LTE Band 41C / 10MHz+15MHz

## 256QAM

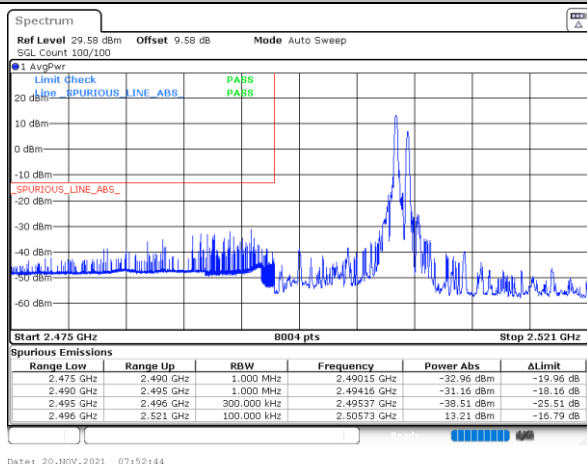
## Lowest Band Edge / 1RB0 and 1RB74



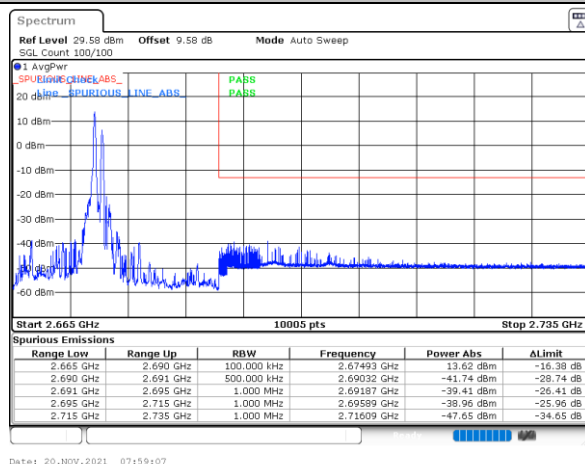
## Highest Band Edge / 1RB0 and 1RB74



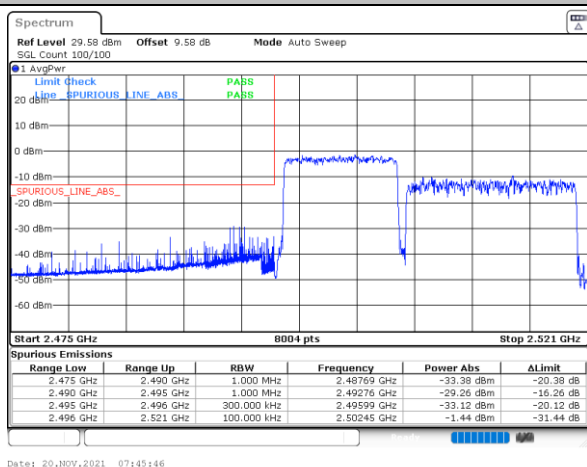
## Lowest Band Edge / 1RB49 and 1RB0



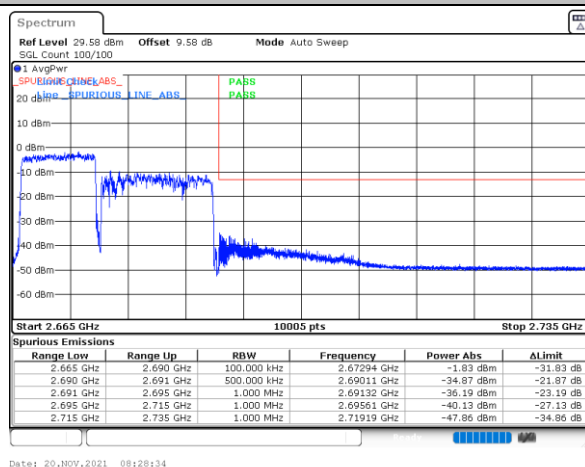
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

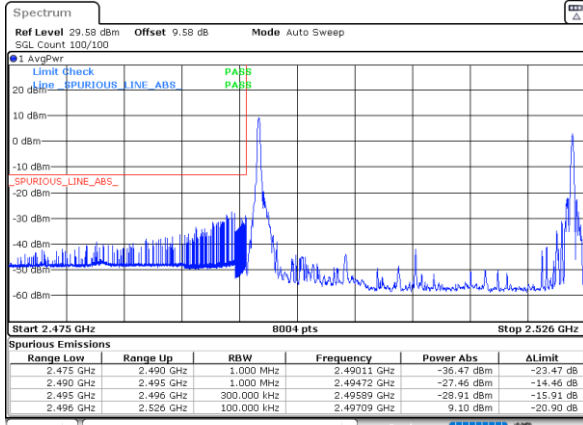




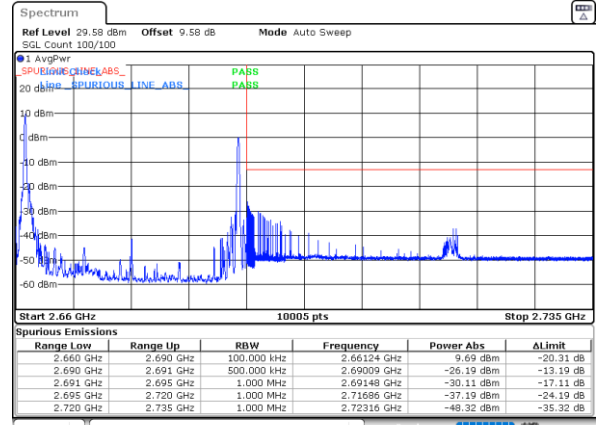
## LTE Band 41C / 10MHz+20MHz

## 256QAM

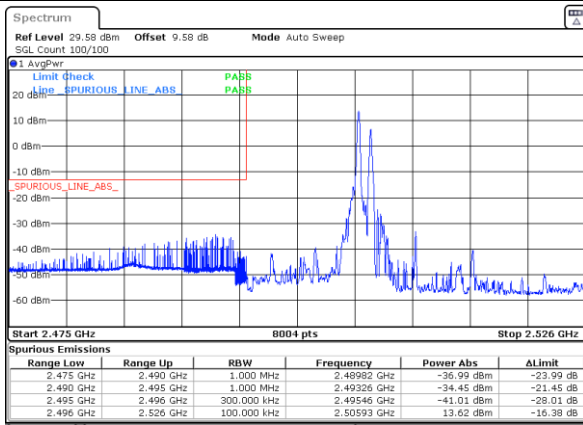
## Lowest Band Edge / 1RB0 and 1RB99



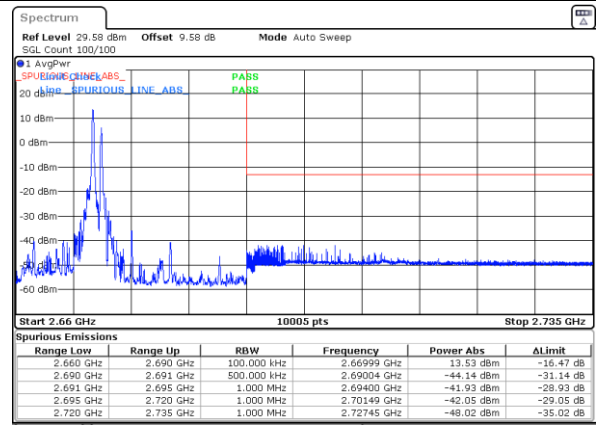
## Highest Band Edge / 1RB0 and 1RB99



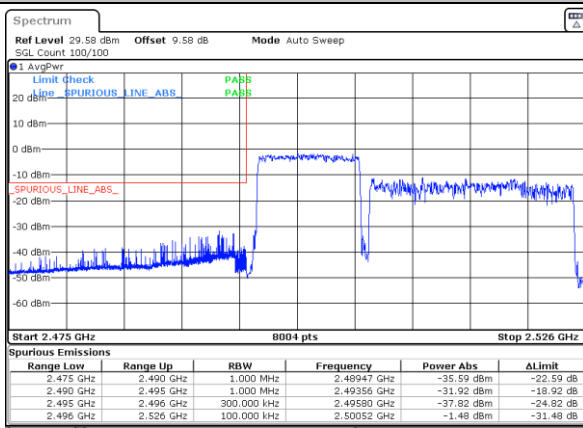
## Lowest Band Edge / 1RB49 and 1RB0



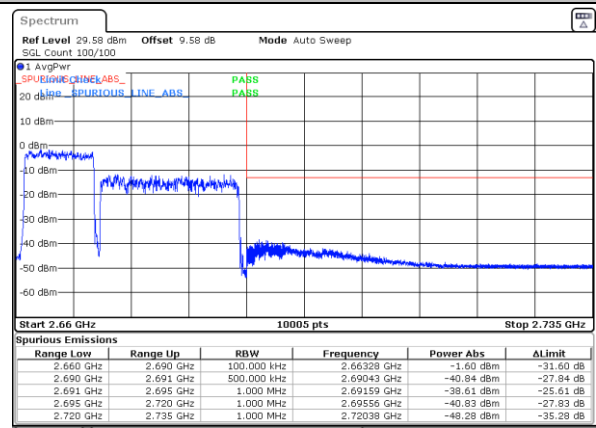
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

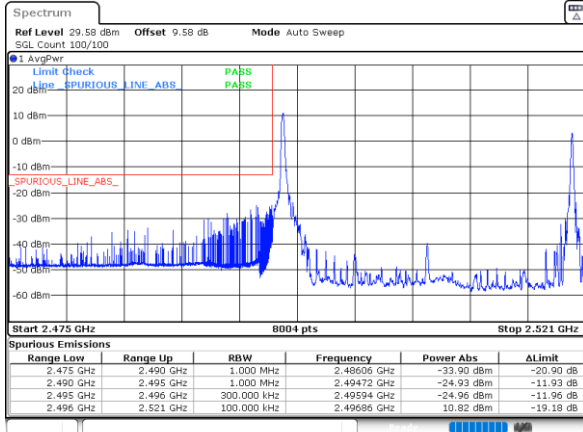




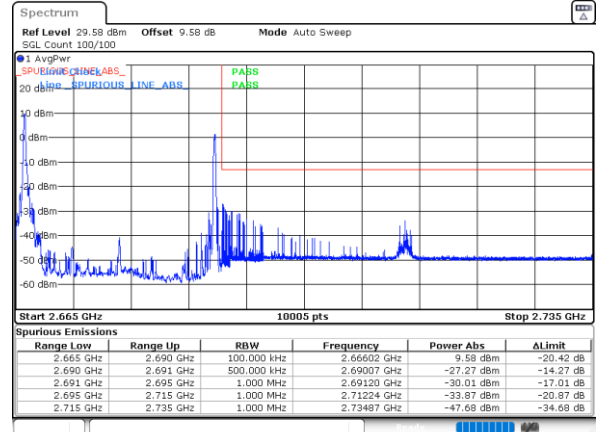
## LTE Band 41C / 15MHz+10MHz

## 256QAM

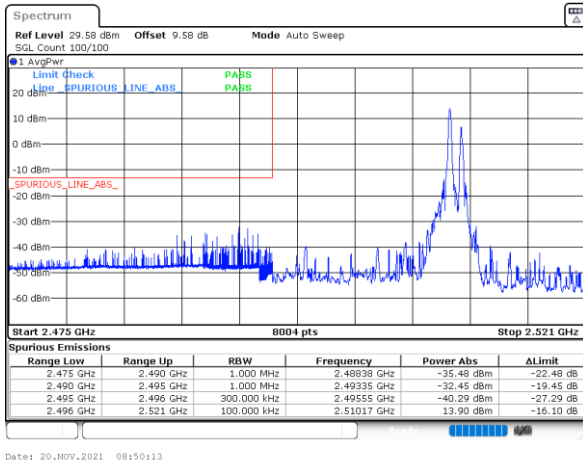
## Lowest Band Edge / 1RB0 and 1RB49



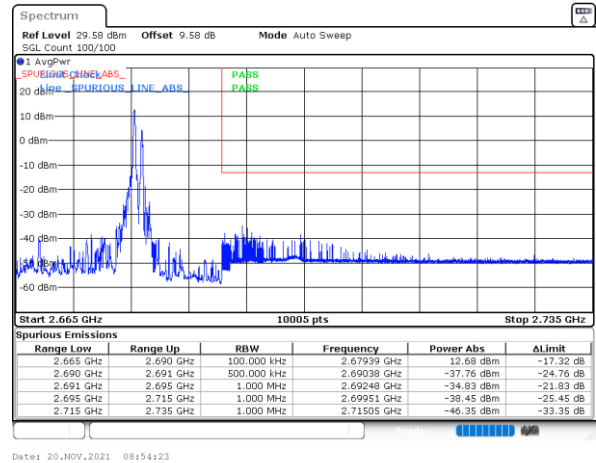
## Highest Band Edge / 1RB0 and 1RB49



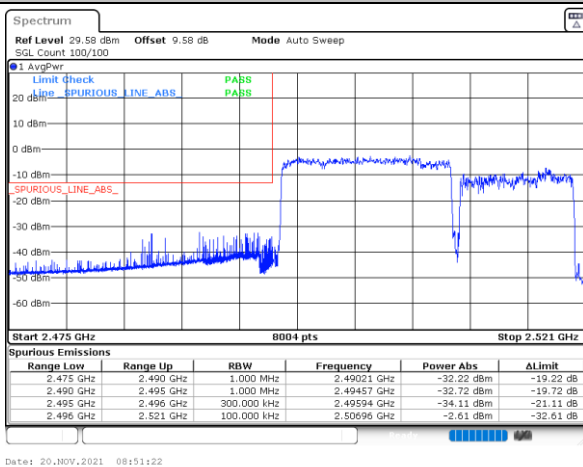
## Lowest Band Edge / 1RB74 and 1RB0



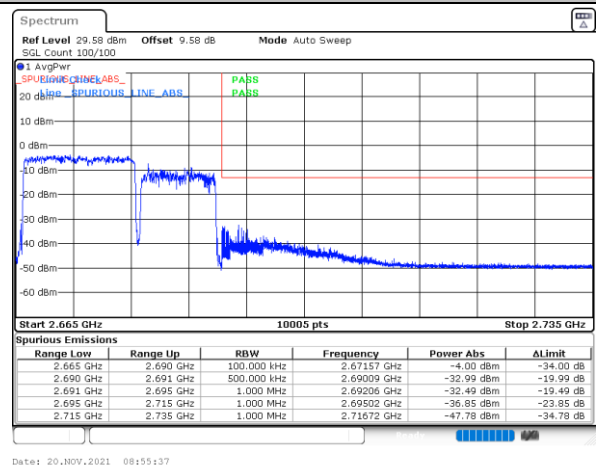
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

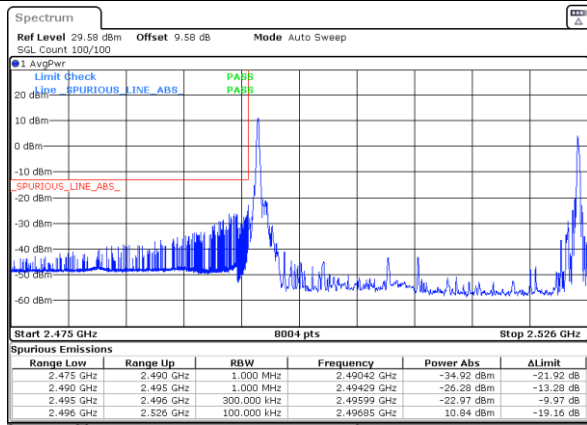




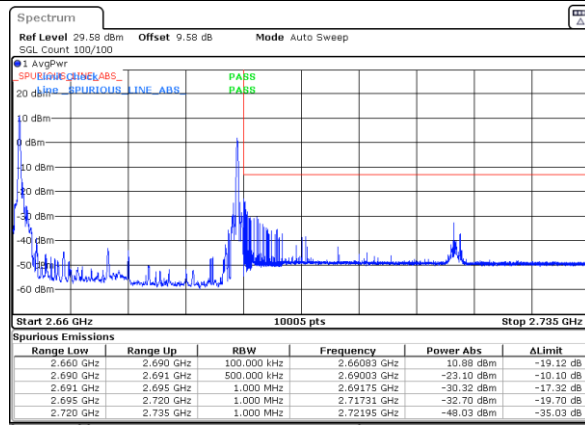
## LTE Band 41C / 15MHz+15MHz

## 256QAM

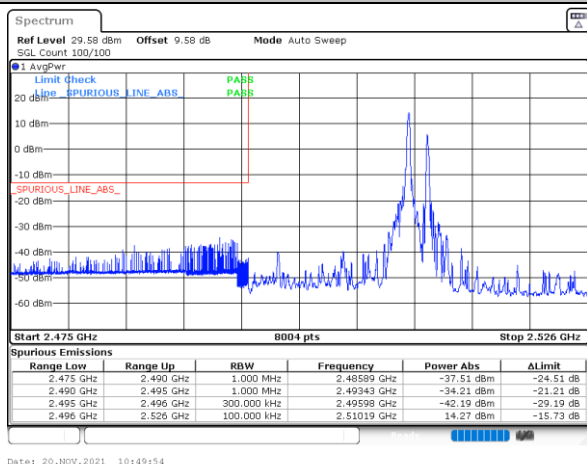
## Lowest Band Edge / 1RB0 and 1RB74



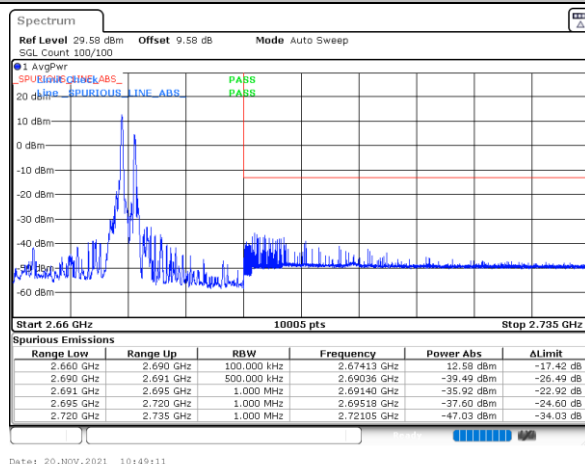
## Highest Band Edge / 1RB0 and 1RB74



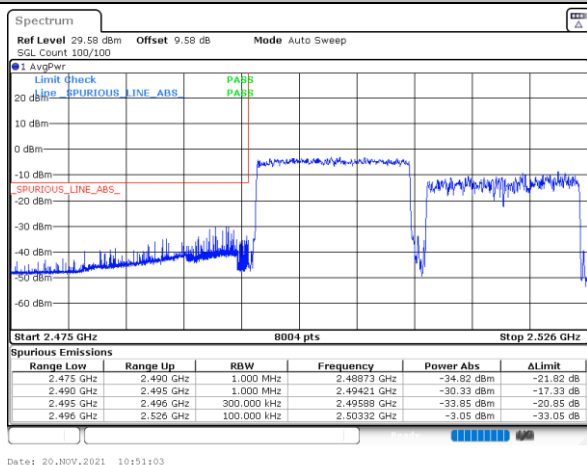
## Lowest Band Edge / 1RB74 and 1RB0



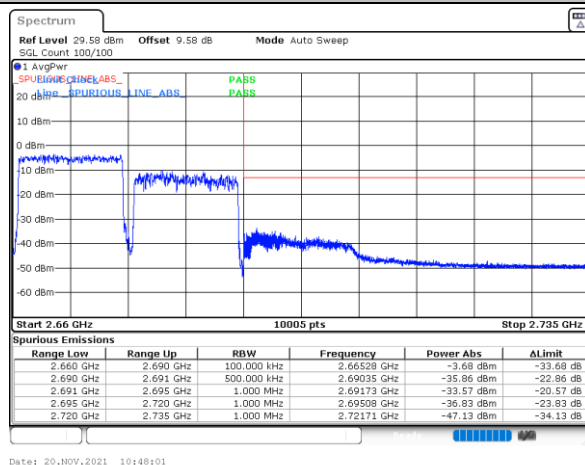
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

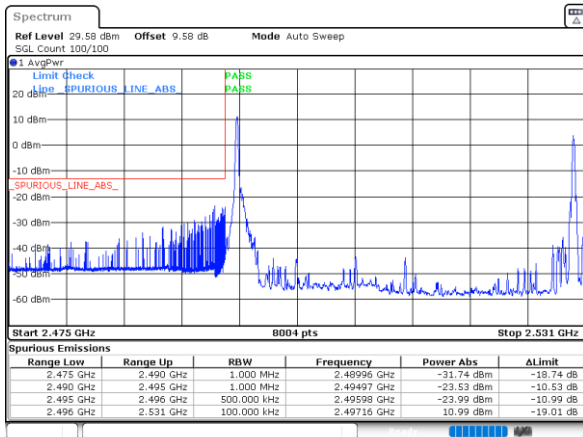




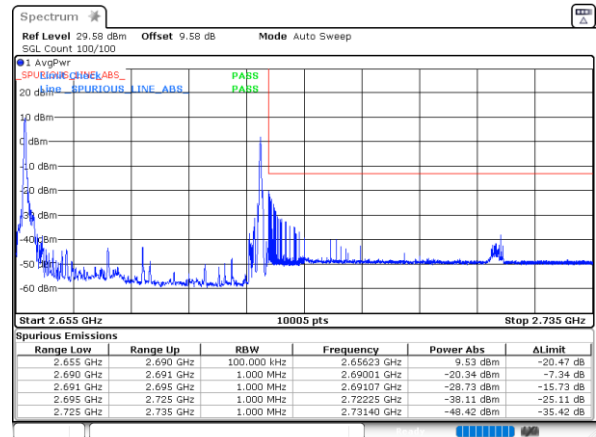
## LTE Band 41C / 15MHz+20MHz

## 256QAM

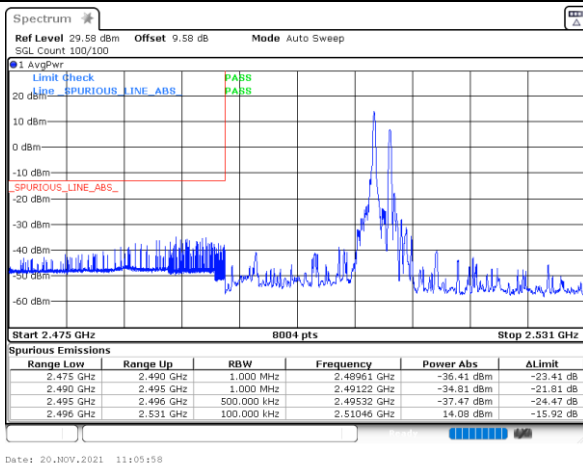
## Lowest Band Edge / 1RB0 and 1RB99



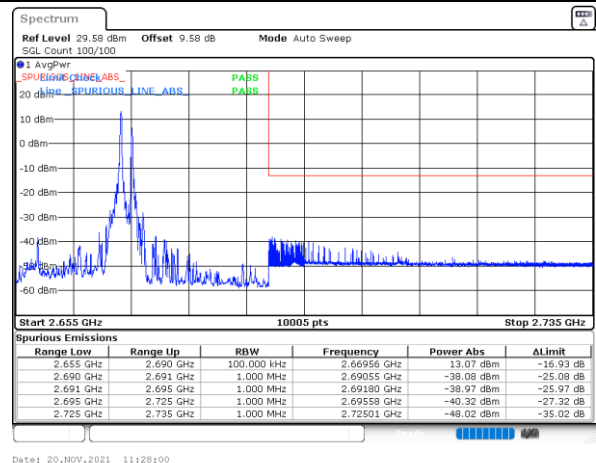
## Highest Band Edge / 1RB0 and 1RB99



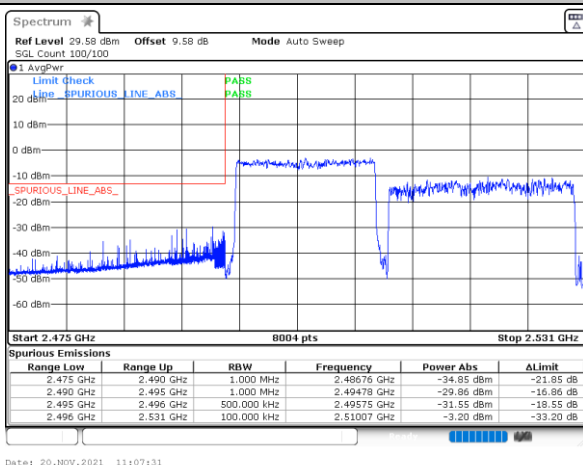
## Lowest Band Edge / 1RB74 and 1RB0



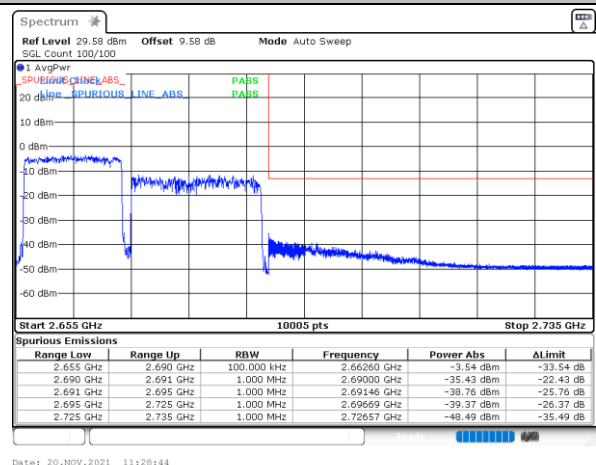
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

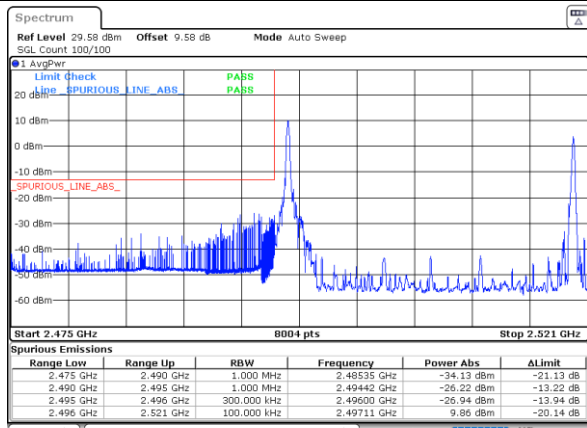




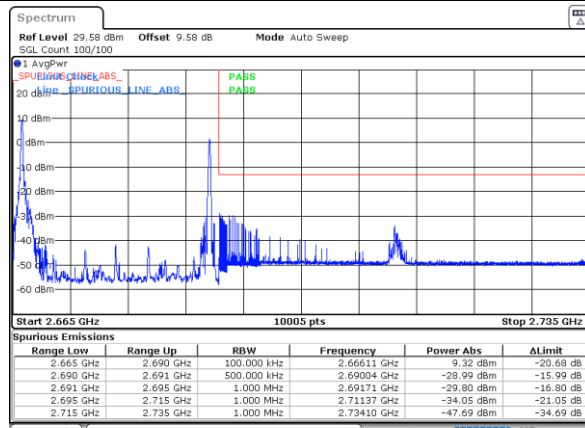
## LTE Band 41C / 20MHz+5MHz

## 256QAM

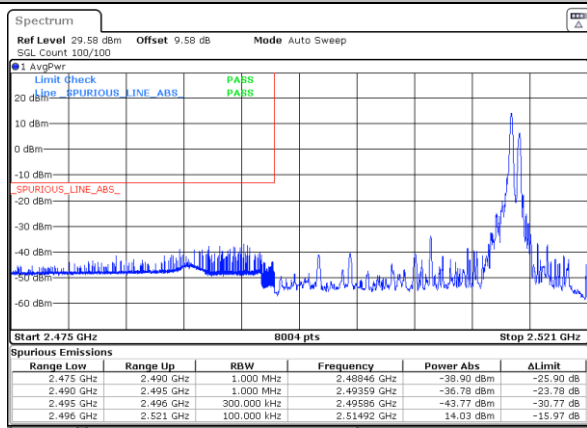
## Lowest Band Edge / 1RB0 and 1RB24



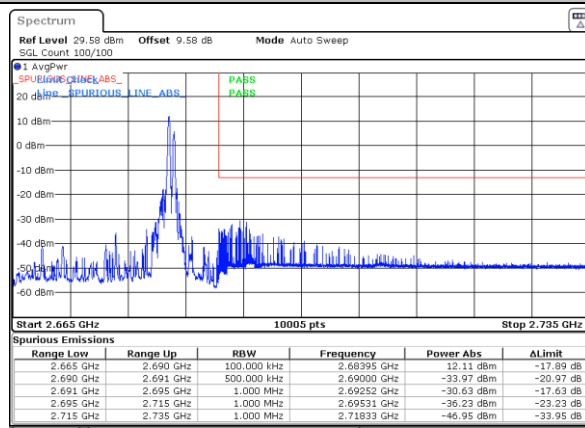
## Highest Band Edge / 1RB0 and 1RB24



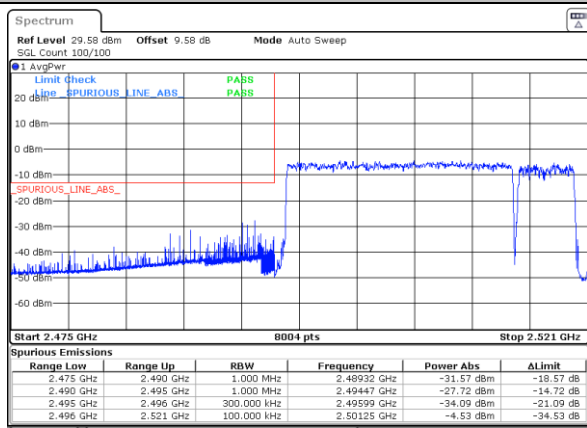
## Lowest Band Edge / 1RB99 and 1RB0



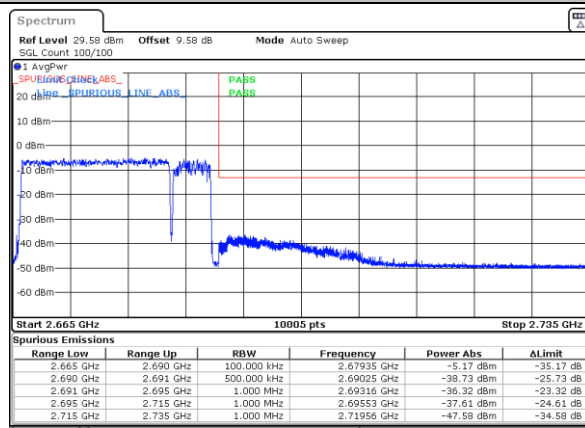
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

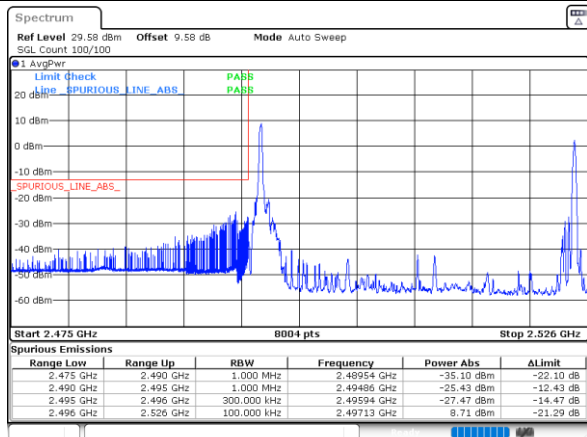




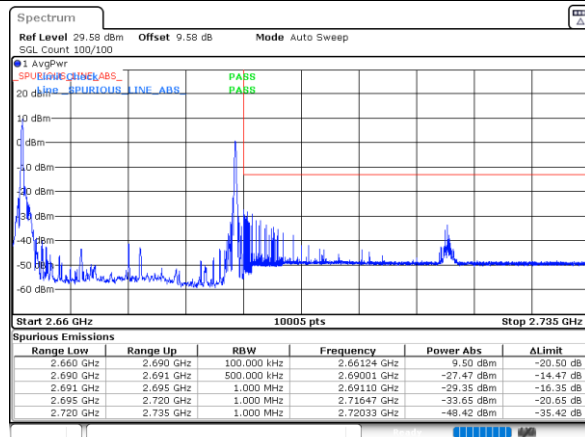
## LTE Band 41C / 20MHz+10MHz

## 256QAM

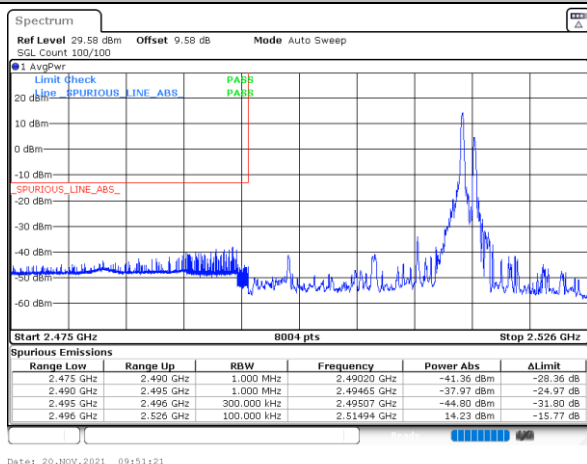
## Lowest Band Edge / 1RB0 and 1RB49



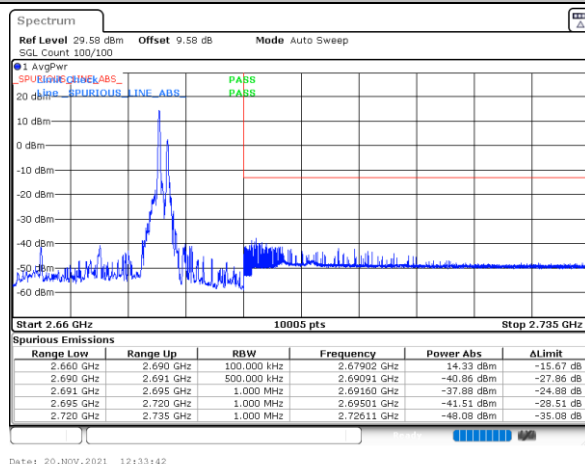
## Highest Band Edge / 1RB0 and 1RB49



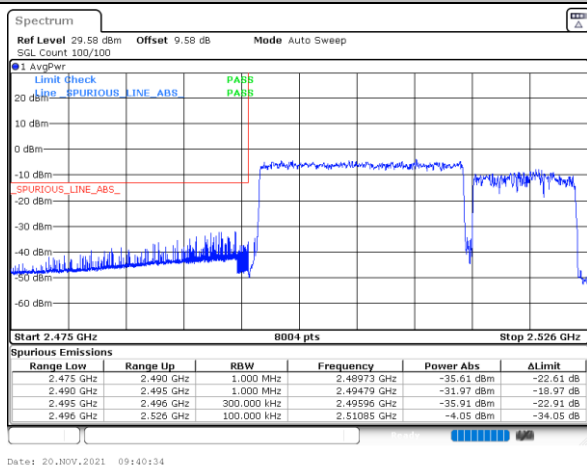
## Lowest Band Edge / 1RB99 and 1RB0



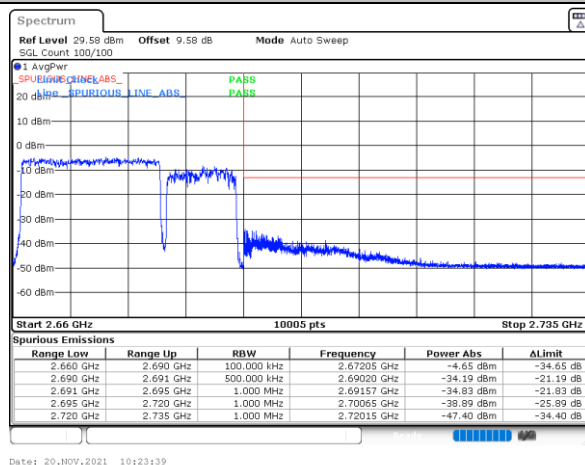
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



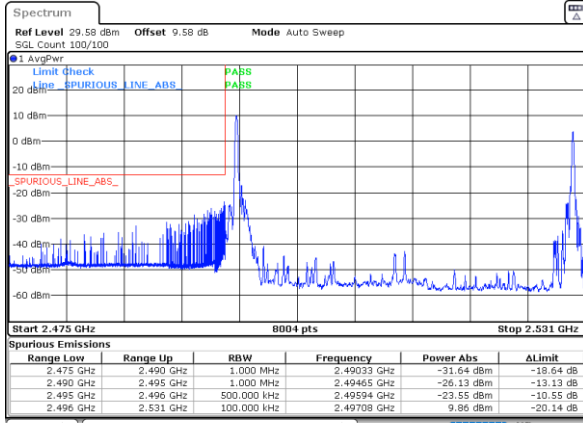




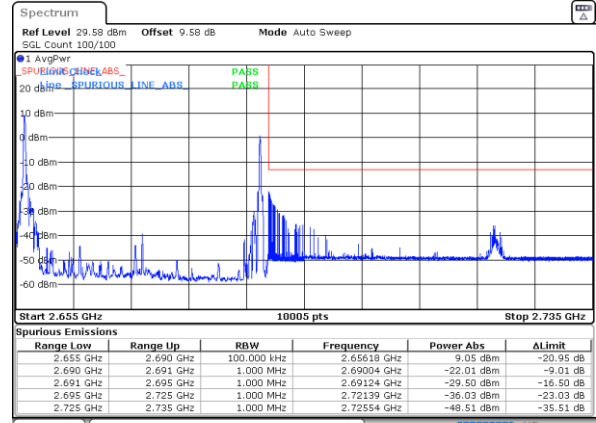
## LTE Band 41C / 20MHz+15MHz

## 256QAM

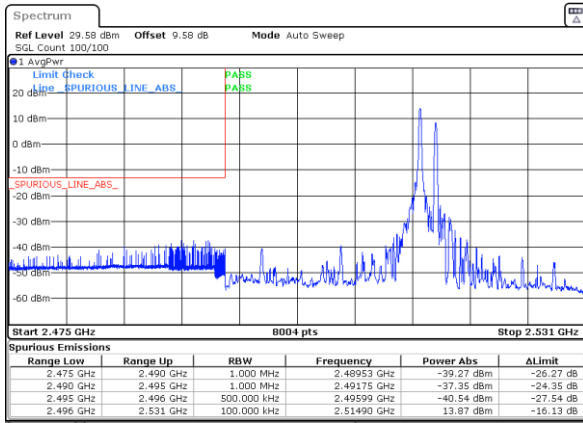
## Lowest Band Edge / 1RB0 and 1RB74



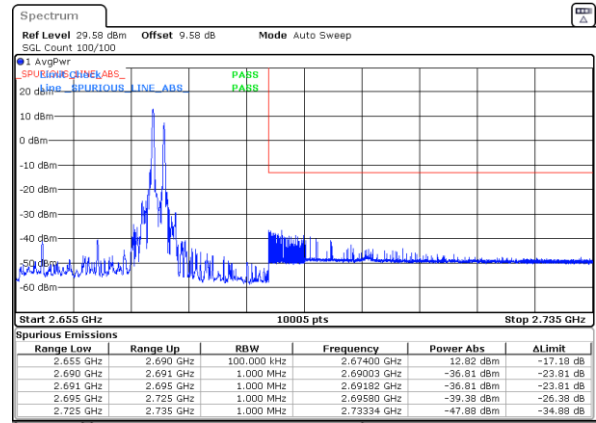
## Highest Band Edge / 1RB0 and 1RB74



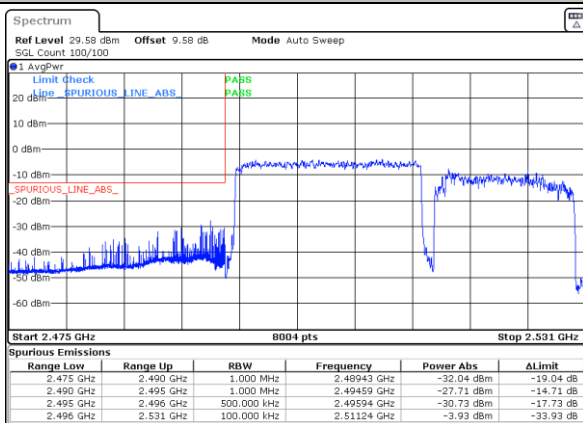
## Lowest Band Edge / 1RB99 and 1RB0



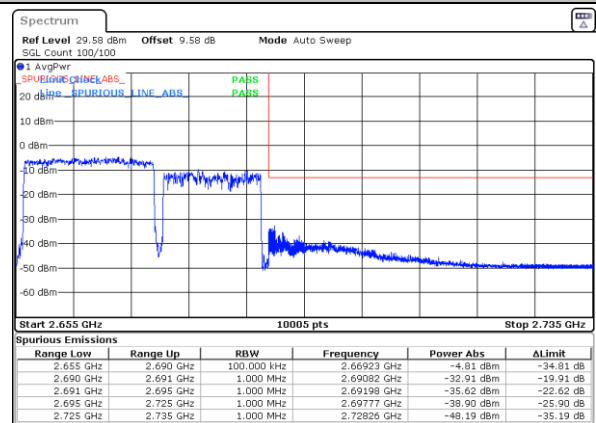
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



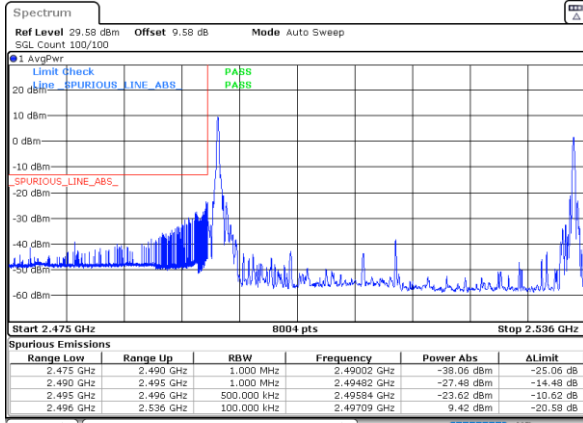




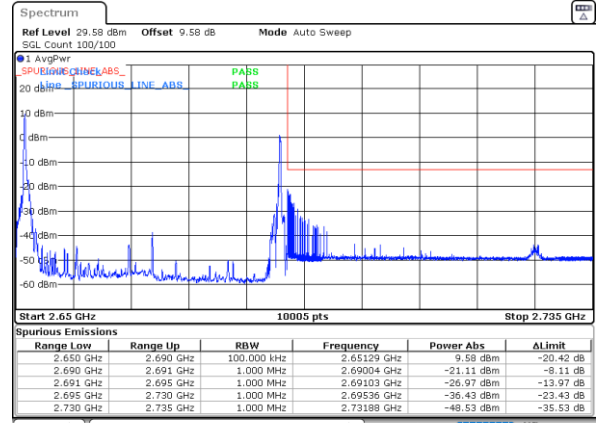
## LTE Band 41C / 20MHz+20MHz

## 256QAM

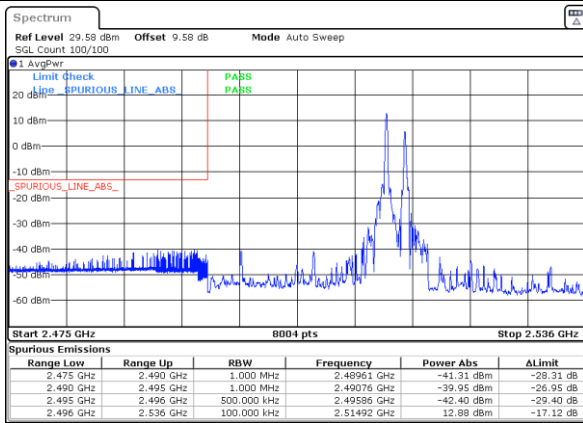
## Lowest Band Edge / 1RB0 and 1RB99



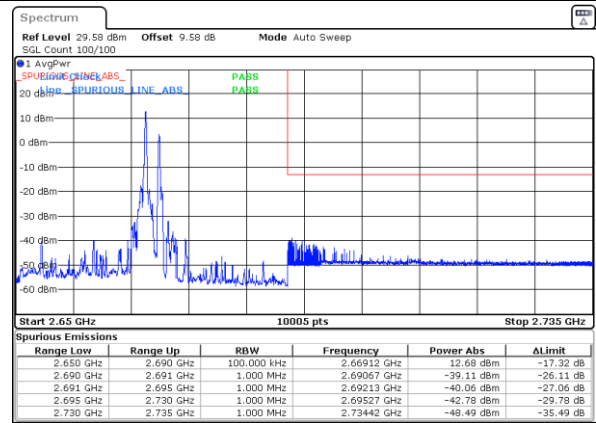
## Highest Band Edge / 1RB0 and 1RB99



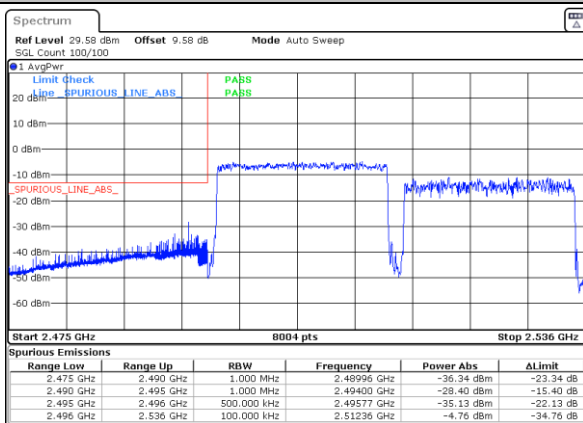
## Lowest Band Edge / 1RB99 and 1RB0



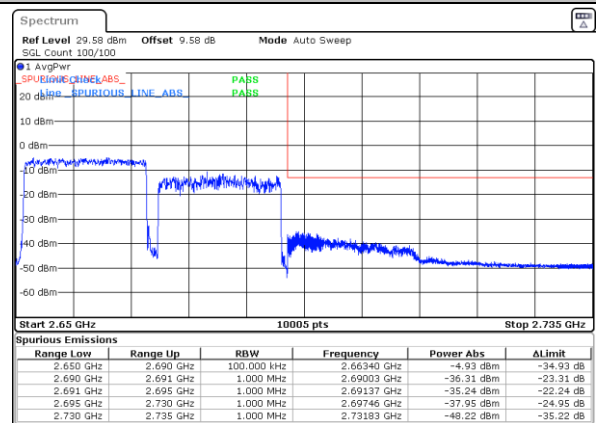
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB





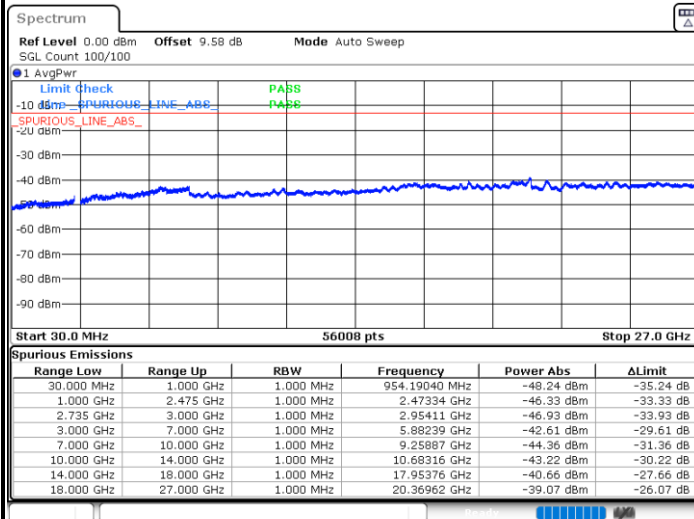
## A5.4 Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

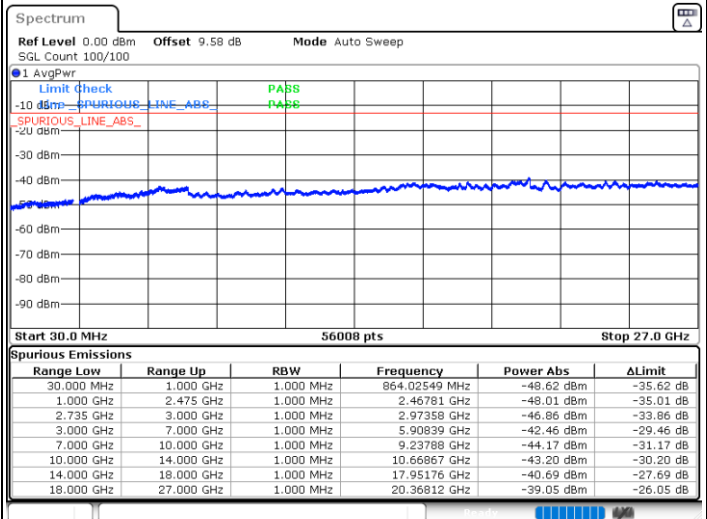
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0



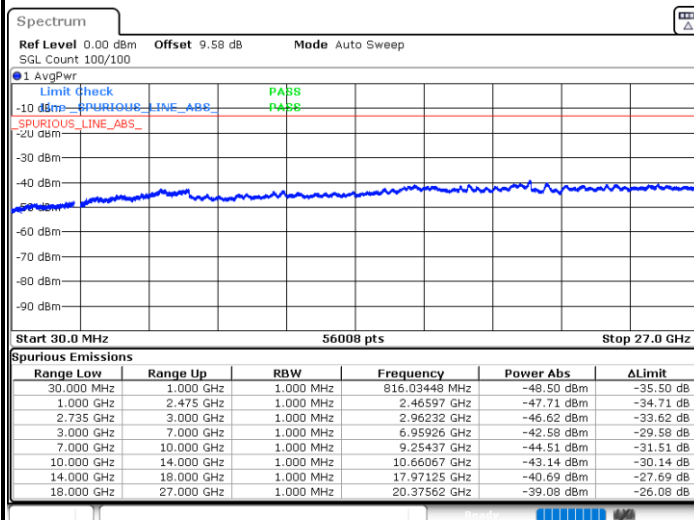
Date: 20.NOV.2021 04:02:21



Date: 20.NOV.2021 05:48:56

Highest Channel / 1RB24 and 1RB0

N/A



Date: 20.NOV.2021 05:50:36

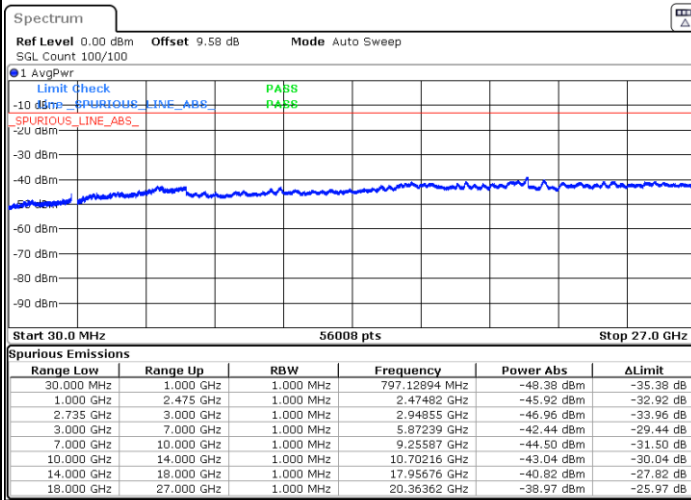


## LTE Band 41C / 10MHz+15MHz

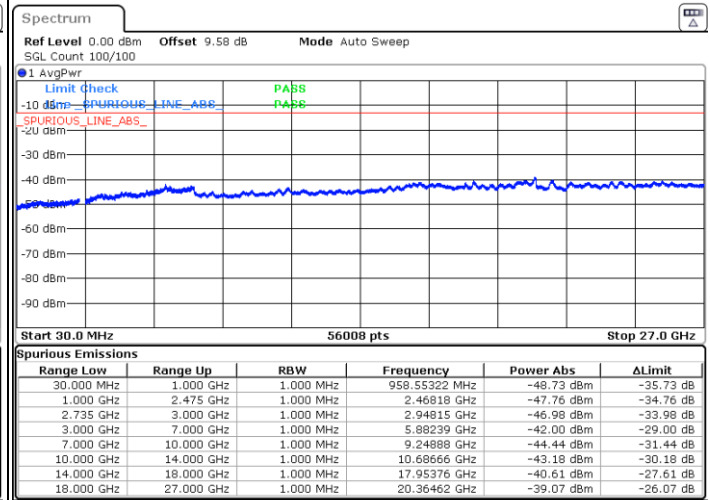
## QPSK

## Lowest Channel / 1RB49 and 1RB0

## Middle Channel / 1RB49 and 1RB0



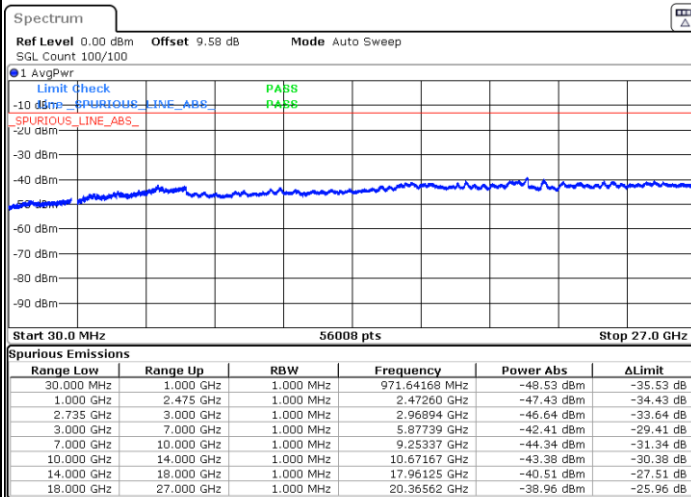
Date: 20.NOV.2021 07:50:11



Date: 20.NOV.2021 07:54:36

## Highest Channel / 1RB49 and 1RB0

## N/A



Date: 20.NOV.2021 07:56:14

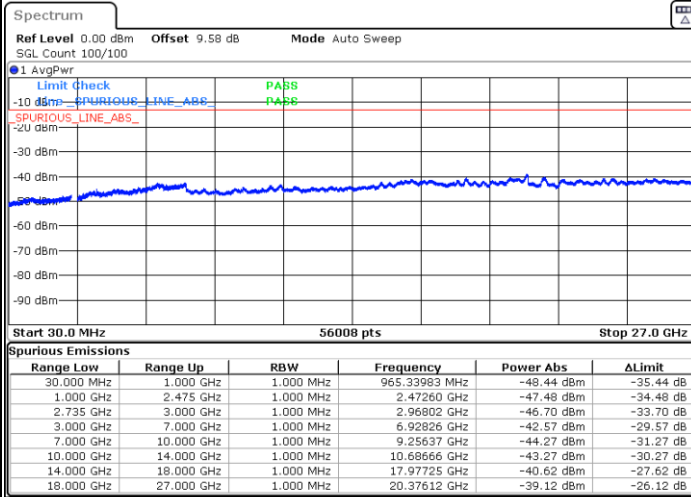


## LTE Band 41C / 10MHz+20MHz

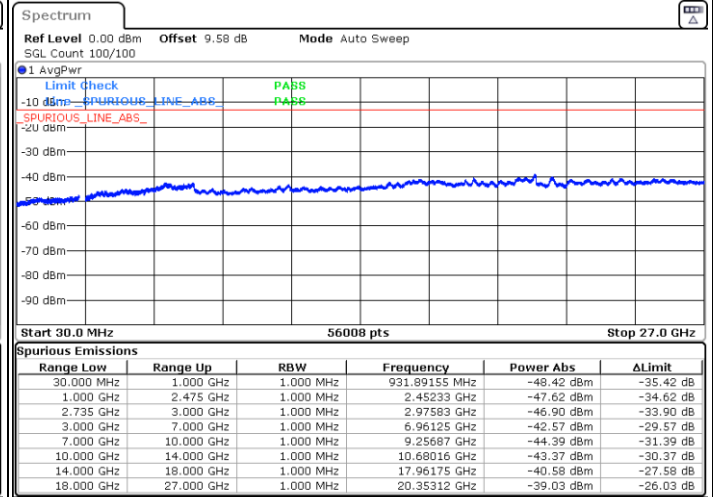
## QPSK

## Lowest Channel / 1RB49 and 1RB0

## Middle Channel / 1RB49 and 1RB0



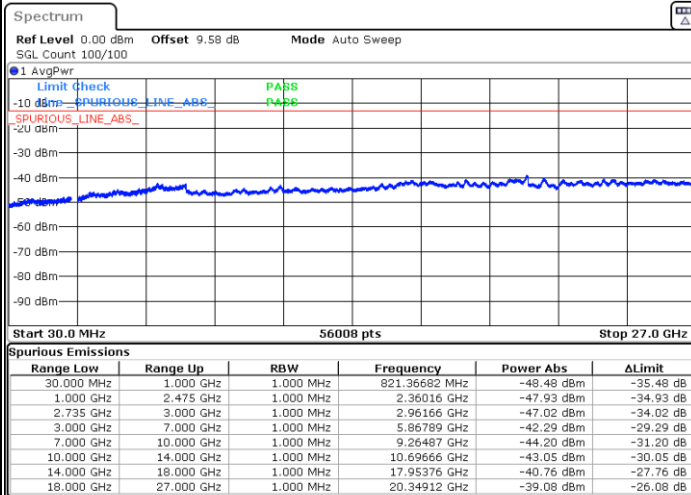
Date: 20.NOV.2021 09:15:07



Date: 20.NOV.2021 09:21:26

## Highest Channel / 1RB49 and 1RB0

## N/A



Date: 20.NOV.2021 09:25:36

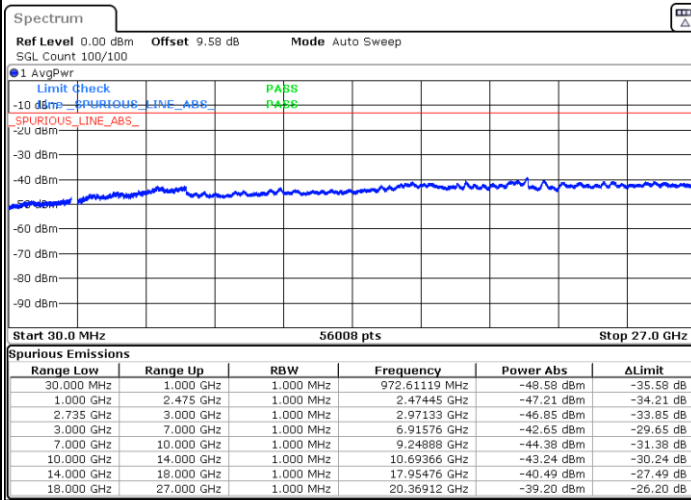


## LTE Band 41C / 15MHz+10MHz

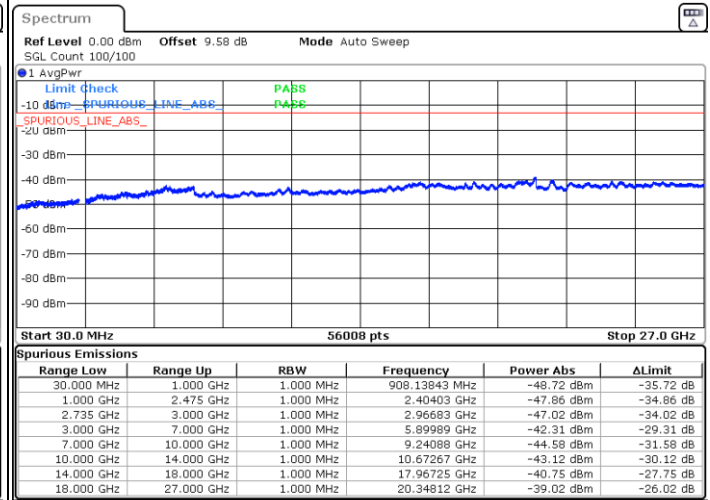
## QPSK

## Lowest Channel / 1RB74 and 1RB0

## Middle Channel / 1RB74 and 1RB0



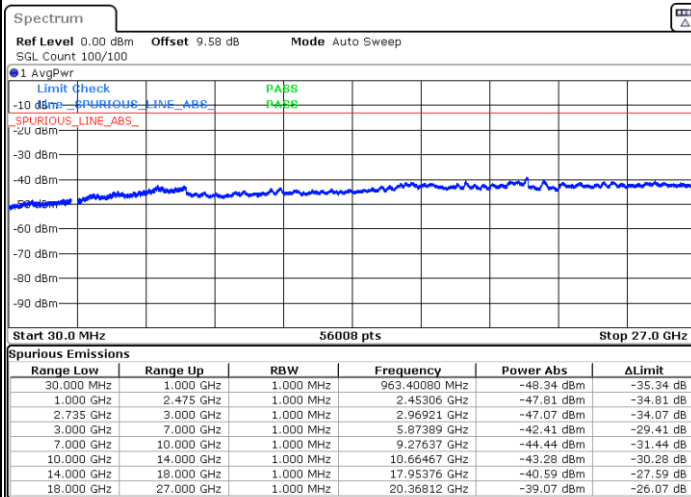
Date: 20.NOV.2021 08:47:48



Date: 20.NOV.2021 08:45:49

## Highest Channel / 1RB74 and 1RB0

## N/A



Date: 20.NOV.2021 08:53:04

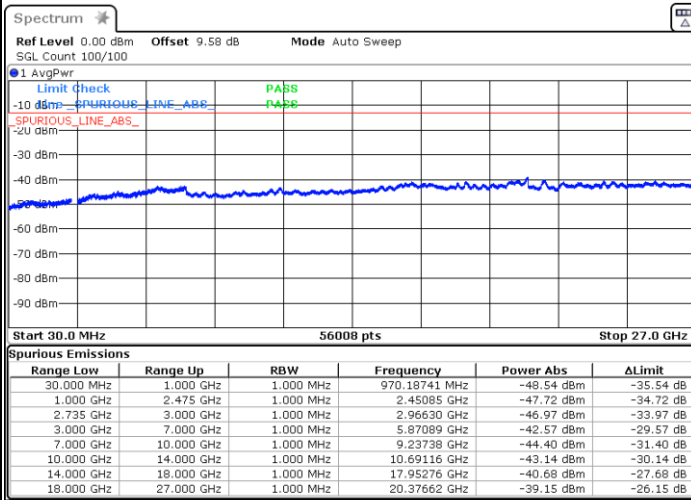


## LTE Band 41C / 15MHz+15MHz

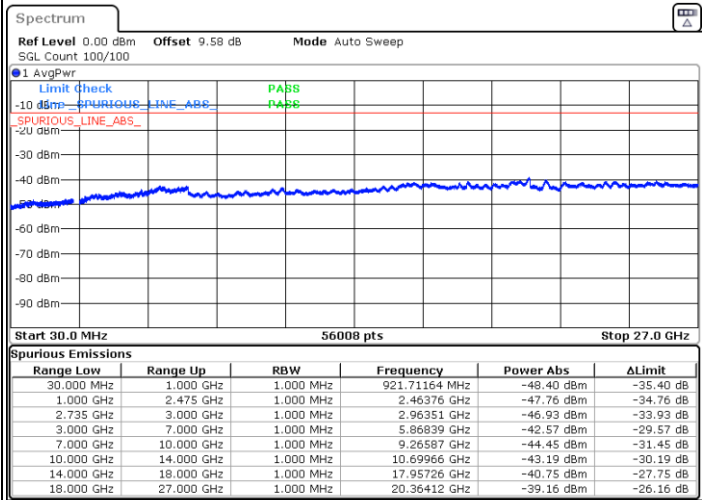
## QPSK

## Lowest Channel / 1RB74 and 1RB0

## Middle Channel / 1RB74 and 1RB0



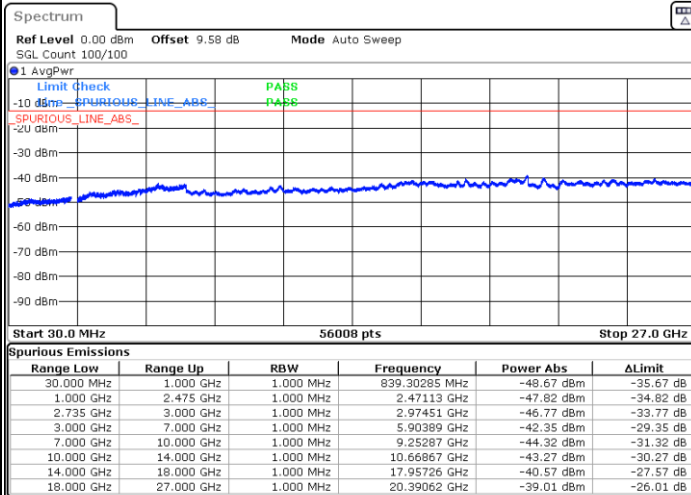
Date: 20.NOV.2021 10:37:30



Date: 20.NOV.2021 10:39:11

## Highest Channel / 1RB74 and 1RB0

N/A



Date: 20.NOV.2021 10:41:02

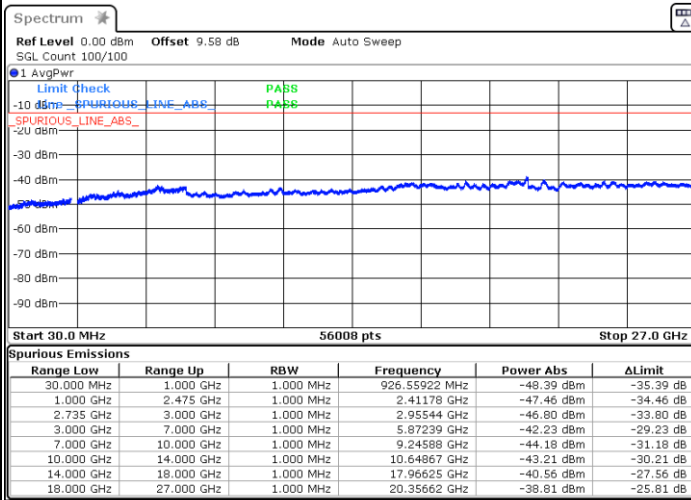


## LTE Band 41C / 15MHz+20MHz

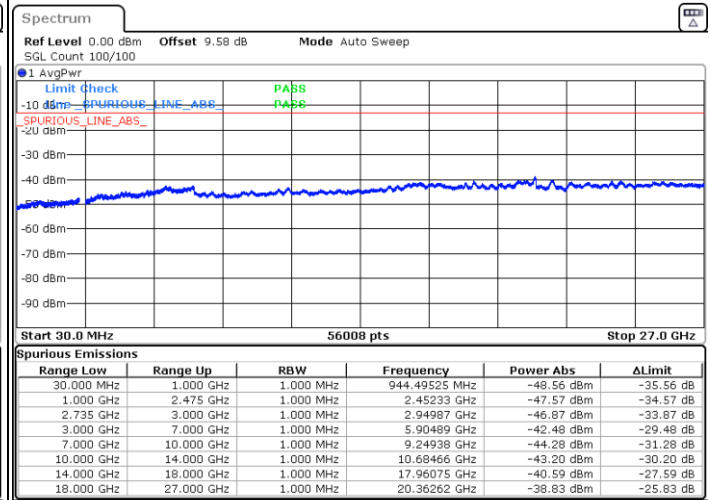
## QPSK

## Lowest Channel / 1RB74 and 1RB0

## Middle Channel / 1RB74 and 1RB0



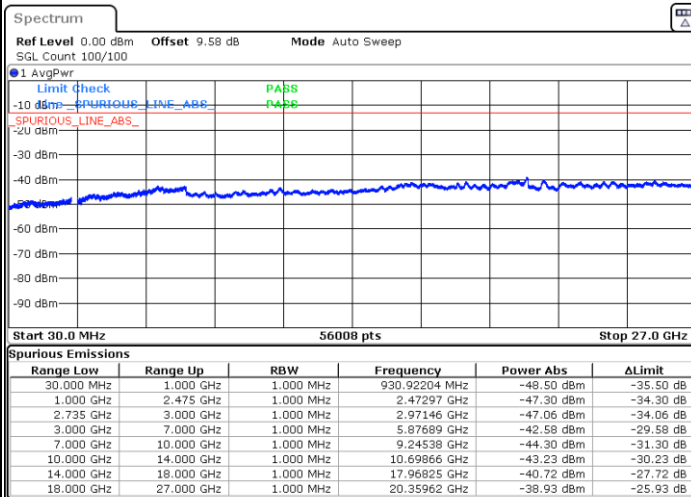
Date: 20.NOV.2021 11:00:11



Date: 20.NOV.2021 11:12:27

## Highest Channel / 1RB74 and 1RB0

N/A



Date: 20.NOV.2021 11:14:10



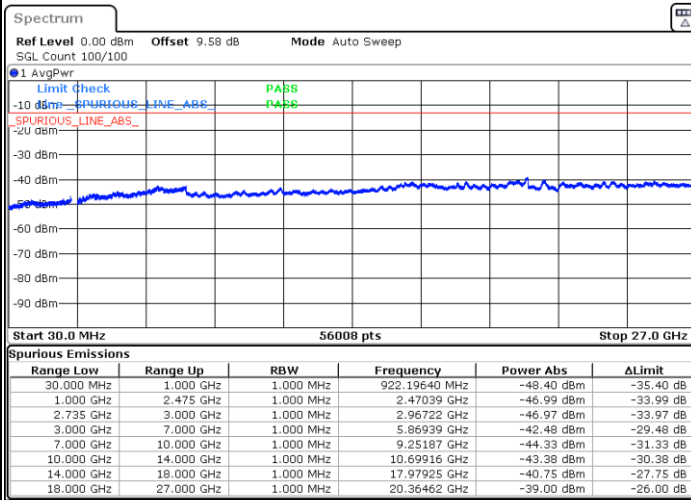


## LTE Band 41C / 20MHz+5MHz

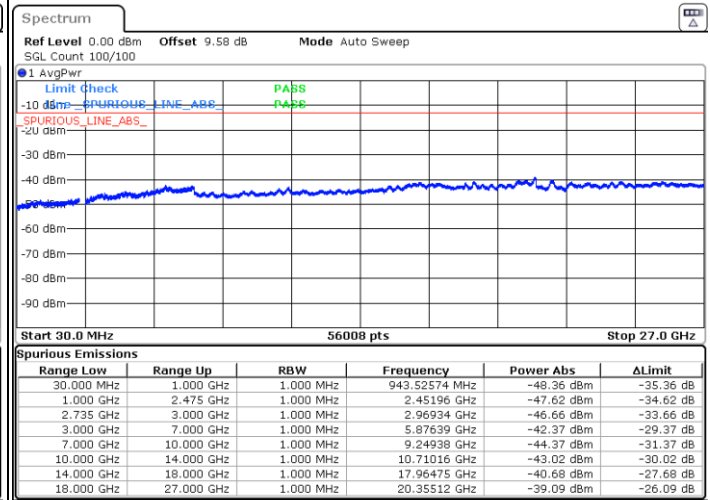
## QPSK

## Lowest Channel / 1RB99 and 1RB0

## Middle Channel / 1RB99 and 1RB0



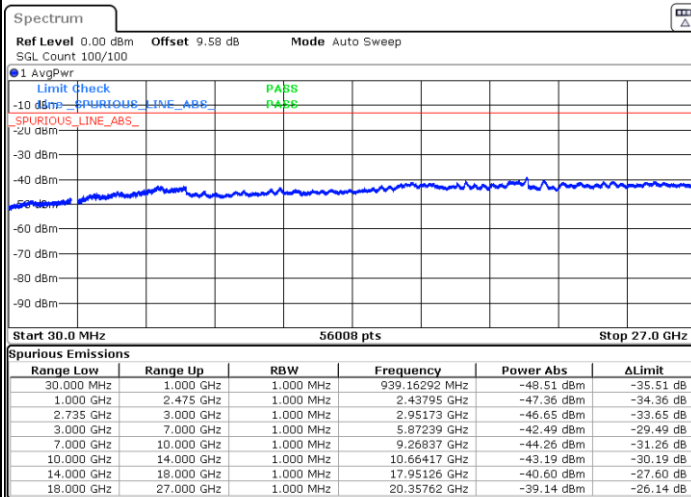
Date: 20.NOV.2021 06:59:07



Date: 20.NOV.2021 06:39:31

## Highest Channel / 1RB99 and 1RB0

## N/A



Date: 20.NOV.2021 06:41:05

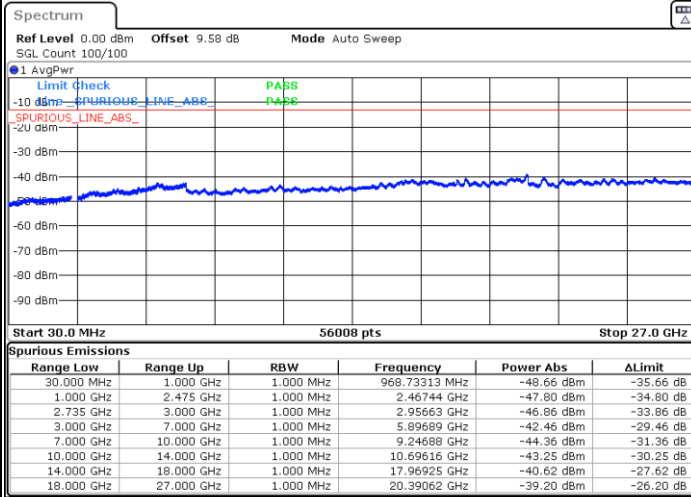


## LTE Band 41C / 20MHz+10MHz

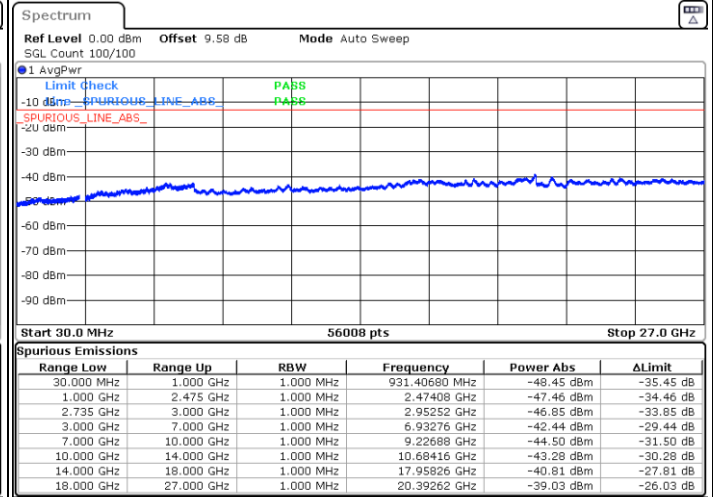
## QPSK

## Lowest Channel / 1RB99 and 1RB0

## Middle Channel / 1RB99 and 1RB0



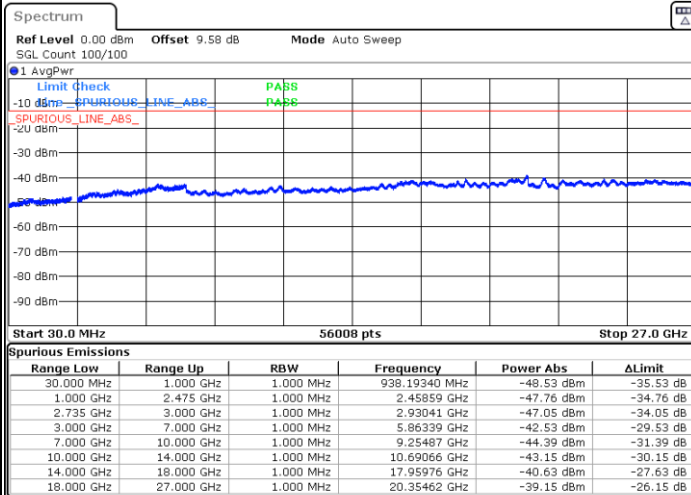
Date: 20.NOV.2021 09:45:50



Date: 20.NOV.2021 09:53:09

## Highest Channel / 1RB99 and 1RB0

N/A



Date: 20.NOV.2021 09:55:41

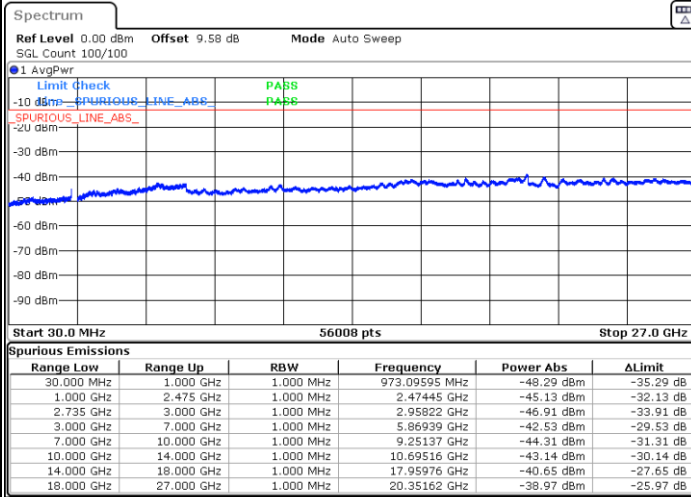


## LTE Band 41C / 20MHz+15MHz

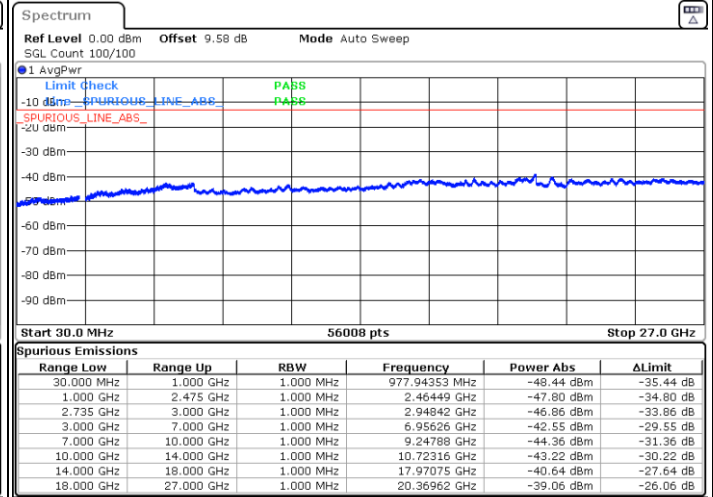
## QPSK

## Lowest Channel / 1RB99 and 1RB0

## Middle Channel / 1RB99 and 1RB0



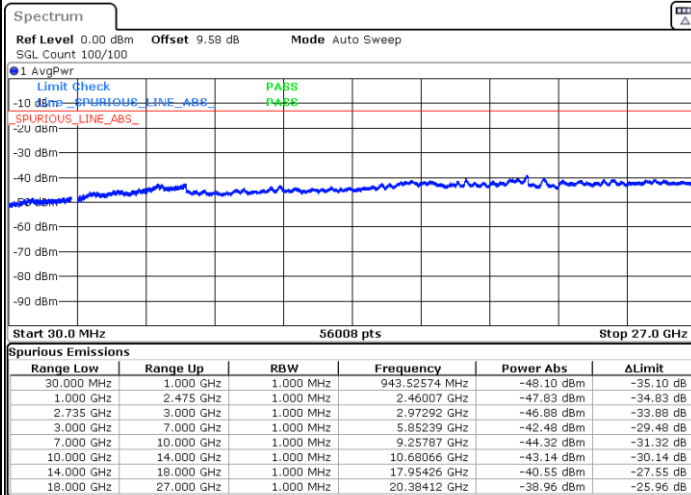
Date: 20.NOV.2021 11:41:21



Date: 20.NOV.2021 11:48:49

## Highest Channel / 1RB99 and 1RB0

N/A



Date: 20.NOV.2021 11:50:32

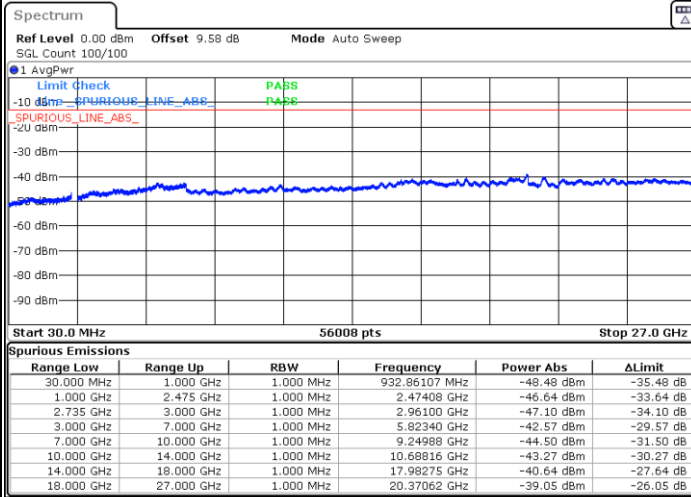


## LTE Band 41C / 20MHz+20MHz

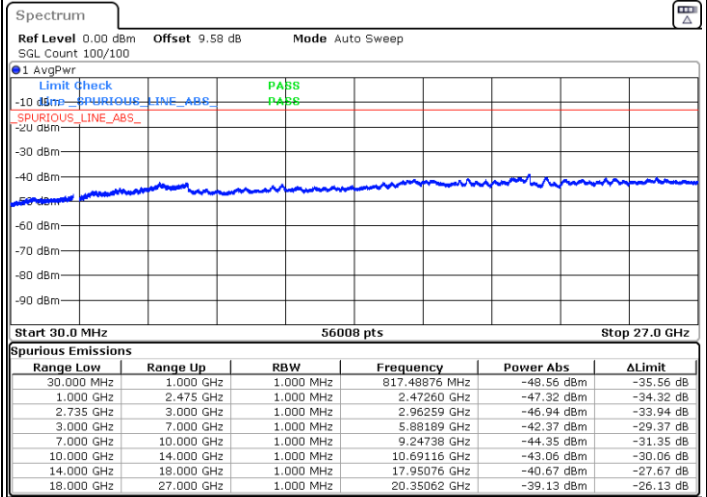
## QPSK

## Lowest Channel / 1RB99 and 1RB0

## Middle Channel / 1RB99 and 1RB0



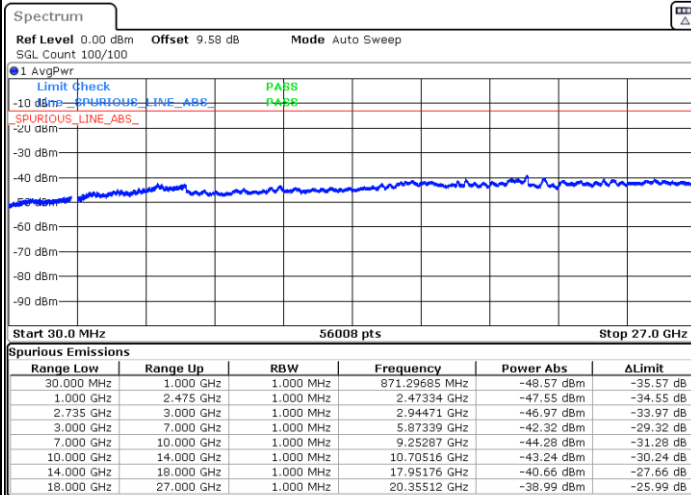
Date: 20.NOV.2021 12:10:44



Date: 20.NOV.2021 12:09:03

## Highest Channel / 1RB99 and 1RB0

N/A



Date: 20.NOV.2021 12:17:39



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |            |                     |         |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Chris Chen | Temperature :       | 22~23°C |
|                 |            | Relative Humidity : | 41~42%  |

For Sample 1:

| LTE Band 7 / 20MHz / QPSK / Bulit-in Ant (0) |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                       | 5052              | -62.40       | -13           | -49.40            | -72.61             | 3.03                 | 13.24                 | H                  |
|                                              | 7576              | -60.93       | -13           | -47.93            | -70.38             | 3.56                 | 13.01                 | H                  |
|                                              | 10100             | -60.75       | -13           | -47.75            | -70.27             | 3.92                 | 13.44                 | H                  |
|                                              | 5052              | -62.51       | -13           | -49.51            | -72.72             | 3.03                 | 13.24                 | V                  |
|                                              | 7576              | -60.77       | -13           | -47.77            | -70.22             | 3.56                 | 13.01                 | V                  |
|                                              | 10100             | -61.00       | -13           | -48.00            | -70.52             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 41 / 20MHz / QPSK / Bulit-in Ant (0) |                   |              |               |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                        | 5168              | -62.92       | -13           | -49.92            | -73.13             | 3.03                 | 13.24                 | H                  |
|                                               | 7752              | -61.87       | -13           | -48.87            | -71.32             | 3.56                 | 13.01                 | H                  |
|                                               | 10340             | -58.99       | -13           | -45.99            | -68.51             | 3.92                 | 13.44                 | H                  |
|                                               | 5168              | -62.21       | -13           | -49.21            | -72.42             | 3.03                 | 13.24                 | V                  |
|                                               | 7752              | -61.70       | -13           | -48.70            | -71.15             | 3.56                 | 13.01                 | V                  |
|                                               | 10340             | -59.48       | -13           | -46.48            | -69.00             | 3.92                 | 13.44                 | V                  |

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



| LTE Band 7C_CA / 20MHz+20MHz / QPSK / Bulit-in Ant (0) |                   |              |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                                 | 5032              | -61.91       | -13           | -48.91            | -72.12             | 3.03                 | 13.24                 | H                  |
|                                                        | 7548              | -61.63       | -13           | -48.63            | -71.08             | 3.56                 | 13.01                 | H                  |
|                                                        | 10060             | -60.68       | -13           | -47.68            | -70.20             | 3.92                 | 13.44                 | H                  |
|                                                        | 5032              | -62.52       | -13           | -49.52            | -72.73             | 3.03                 | 13.24                 | V                  |
|                                                        | 7548              | -61.69       | -13           | -48.69            | -71.14             | 3.56                 | 13.01                 | V                  |
|                                                        | 10060             | -60.92       | -13           | -47.92            | -70.44             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 41C_CA / 20MHz+20MHz / QPSK / Bulit-in Ant (0) |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                                  | 5148              | -62.89       | -13           | -49.89            | -73.10             | 3.03                 | 13.24                 | H                  |
|                                                         | 7724              | -61.55       | -13           | -48.55            | -71.00             | 3.56                 | 13.01                 | H                  |
|                                                         | 10300             | -58.36       | -13           | -45.36            | -67.88             | 3.92                 | 13.44                 | H                  |
|                                                         | 5148              | -62.82       | -13           | -49.82            | -73.03             | 3.03                 | 13.24                 | V                  |
|                                                         | 7724              | -61.41       | -13           | -48.41            | -70.86             | 3.56                 | 13.01                 | V                  |
|                                                         | 10300             | -58.52       | -13           | -45.52            | -68.04             | 3.92                 | 13.44                 | V                  |

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

#### For Sample 2:

| LTE Band 7 / 20MHz / QPSK / Bulit-in Ant (0) |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                       | 5052              | -62.70       | -13           | -49.70            | -72.91             | 3.03                 | 13.24                 | H                  |
|                                              | 7576              | -61.23       | -13           | -48.23            | -70.68             | 3.56                 | 13.01                 | H                  |
|                                              | 10100             | -60.94       | -13           | -47.94            | -70.46             | 3.92                 | 13.44                 | H                  |
|                                              | 5052              | -62.88       | -13           | -49.88            | -73.09             | 3.03                 | 13.24                 | V                  |
|                                              | 7576              | -60.92       | -13           | -47.92            | -70.37             | 3.56                 | 13.01                 | V                  |
|                                              | 10100             | -61.89       | -13           | -48.89            | -71.41             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 41 / 20MHz / QPSK / Bulit-in Ant (0) |                   |              |               |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                        | 5168              | -63.08       | -13           | -50.08            | -73.29             | 3.03                 | 13.24                 | H                  |
|                                               | 7752              | -61.89       | -13           | -48.89            | -71.34             | 3.56                 | 13.01                 | H                  |
|                                               | 10340             | -58.97       | -13           | -45.97            | -68.49             | 3.92                 | 13.44                 | H                  |
|                                               | 5168              | -61.94       | -13           | -48.94            | -72.15             | 3.03                 | 13.24                 | V                  |
|                                               | 7752              | -61.65       | -13           | -48.65            | -71.10             | 3.56                 | 13.01                 | V                  |
|                                               | 10340             | -59.53       | -13           | -46.53            | -69.05             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 7C_CA / 20MHz+20MHz / QPSK / Bulit-in Ant (0) |                   |              |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                                 | 5032              | -64.83       | -13           | -51.83            | -75.04             | 3.03                 | 13.24                 | H                  |
|                                                        | 7548              | -63.75       | -13           | -50.75            | -73.20             | 3.56                 | 13.01                 | H                  |
|                                                        | 10060             | -63.04       | -13           | -50.04            | -72.56             | 3.92                 | 13.44                 | H                  |
|                                                        | 5032              | -64.71       | -13           | -51.71            | -74.92             | 3.03                 | 13.24                 | V                  |
|                                                        | 7548              | -63.71       | -13           | -50.71            | -73.16             | 3.56                 | 13.01                 | V                  |
|                                                        | 10060             | -63.47       | -13           | -50.47            | -72.99             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 41C_CA / 20MHz+20MHz / QPSK / Bulit-in Ant (0) |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                                  | 5148              | -64.92       | -13           | -51.92            | -75.13             | 3.03                 | 13.24                 | H                  |
|                                                         | 7724              | -63.21       | -13           | -50.21            | -72.66             | 3.56                 | 13.01                 | H                  |
|                                                         | 10300             | -61.52       | -13           | -48.52            | -71.04             | 3.92                 | 13.44                 | H                  |
|                                                         | 5148              | -65.15       | -13           | -52.15            | -75.36             | 3.03                 | 13.24                 | V                  |
|                                                         | 7724              | -63.06       | -13           | -50.06            | -72.51             | 3.56                 | 13.01                 | V                  |
|                                                         | 10300             | -61.88       | -13           | -48.88            | -71.40             | 3.92                 | 13.44                 | V                  |

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



## **Appendix C. Setup Photographs**