

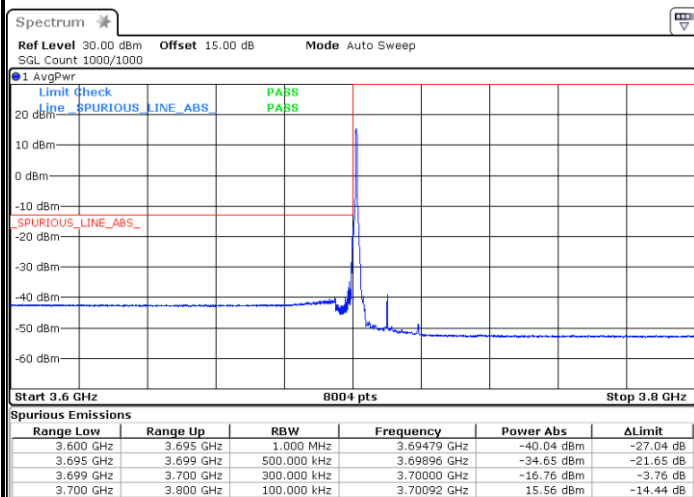


## Conducted Band Edge

### 5G NR UL-MIMO n77 / 20MHz / CP-OFDM QPSK (ANT4)

#### Lowest Band Edge / 1 RB

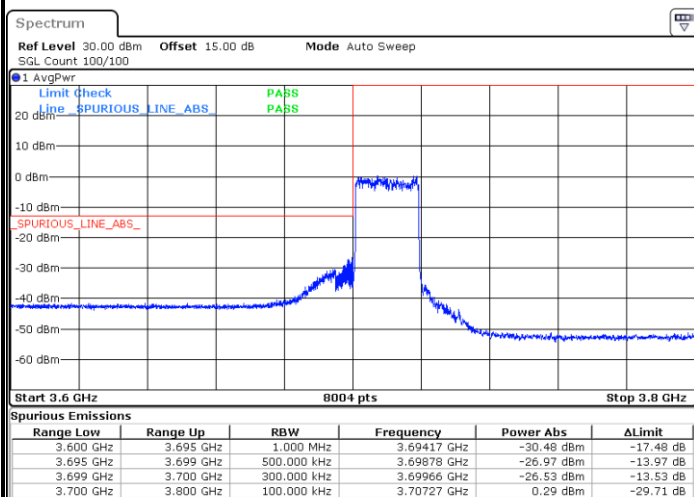
#### Channel Power < -13dBm Pass



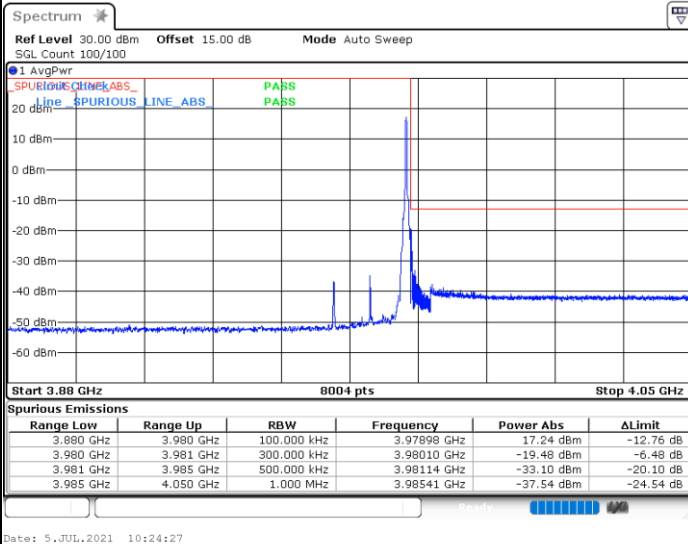
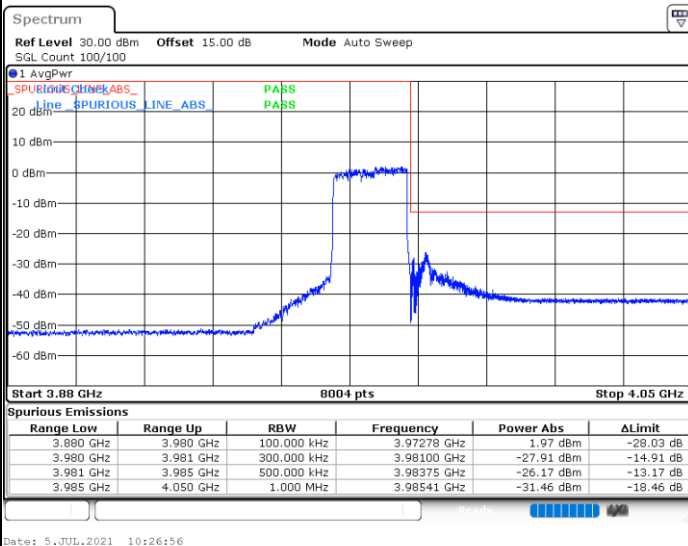
Date: 5.JUL.2021 10:06:51

#### Lowest Band Edge / Full RB

#### Channel Power < -13dBm Pass



Date: 5.JUL.2021 10:11:12

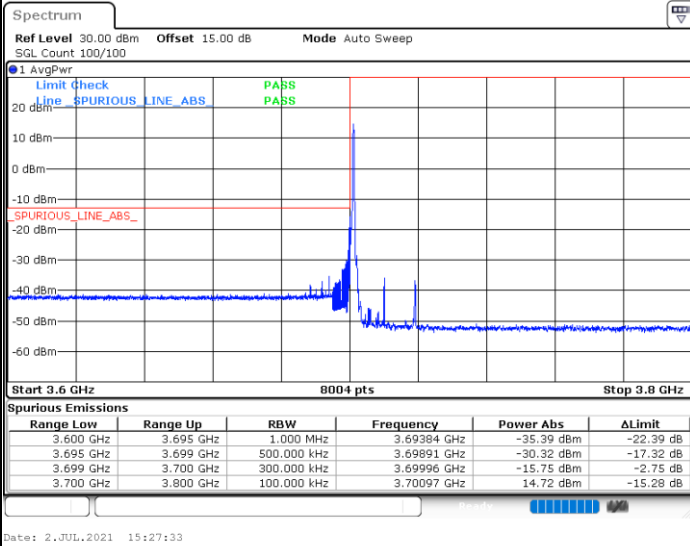
**5G NR UL-MIMO n77 / 20MHz / CP-OFDM QPSK (ANT4)****Highest Band Edge / 1 RB****Channel Power < -13dBm Pass****Highest Band Edge / Full RB****Channel Power < -13dBm Pass**



## 5G NR UL-MIMO n77 / 20MHz / CP-OFDM QPSK (Ant5)

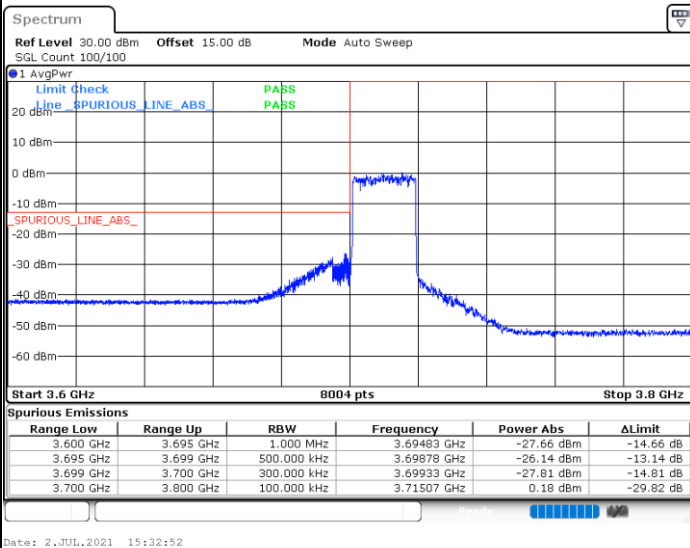
## Lowest Band Edge / 1 RB

## Channel Power &lt; -13dBm Pass



## Lowest Band Edge / Full RB

## Channel Power &lt; -13dBm Pass

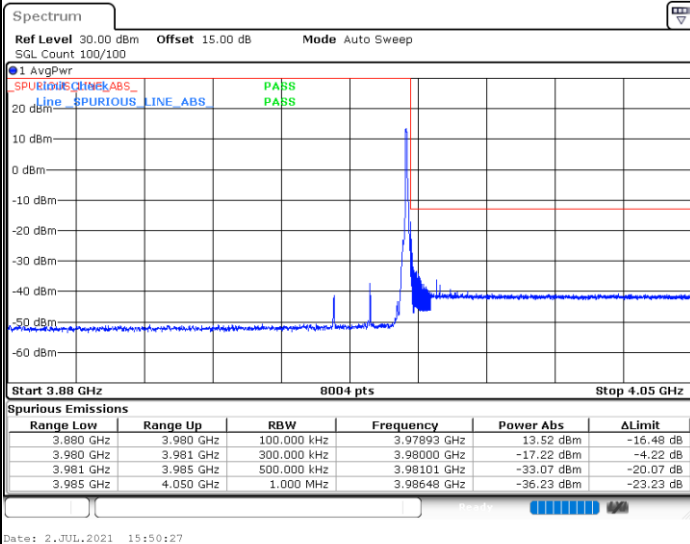




## 5G NR UL-MIMO n77 / 20MHz / CP-OFDM QPSK (Ant5)

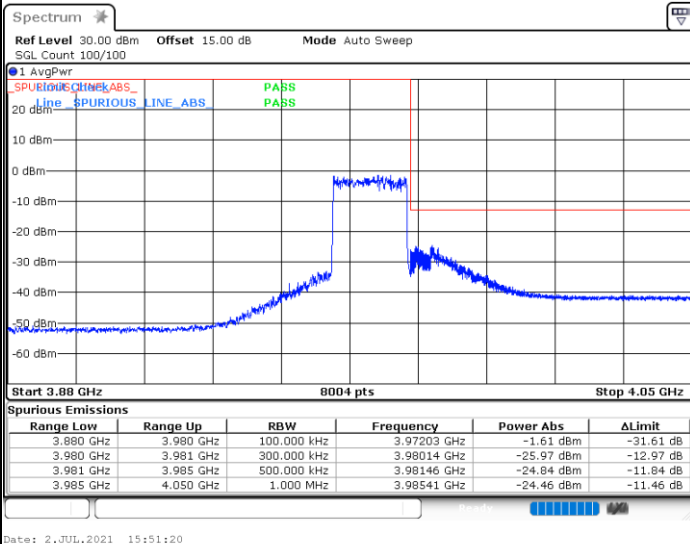
## Highest Band Edge / 1 RB

## Channel Power &lt; -13dBm Pass



## Highest Band Edge / Full RB

## Channel Power &lt; -13dBm Pass

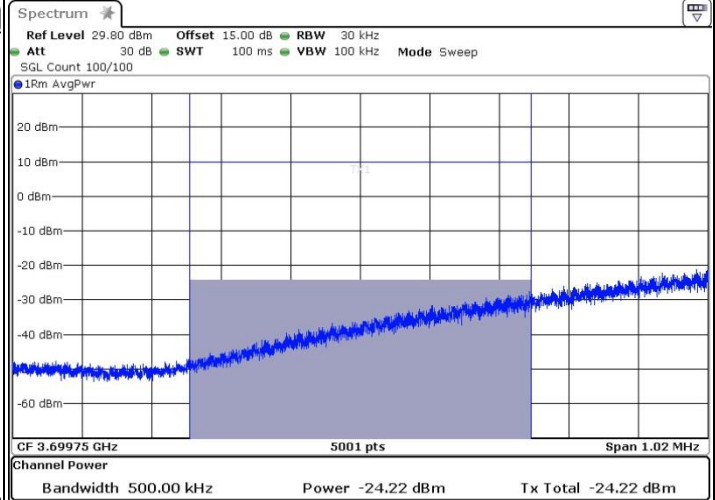
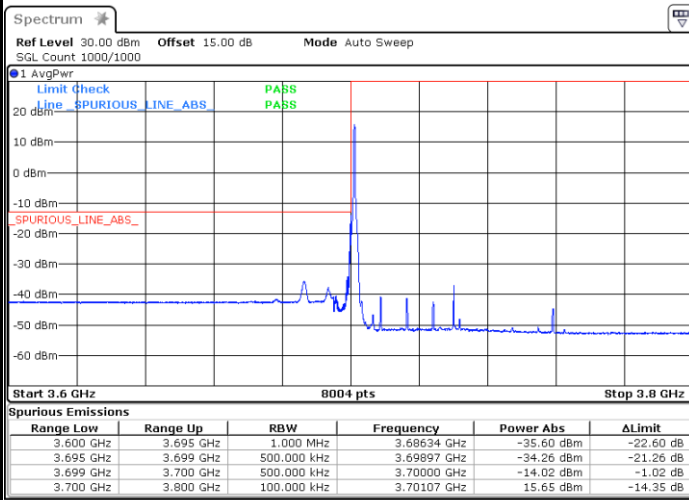




## 5G NR UL-MIMO n77 / 60MHz / CP-OFDM QPSK (ANT4)

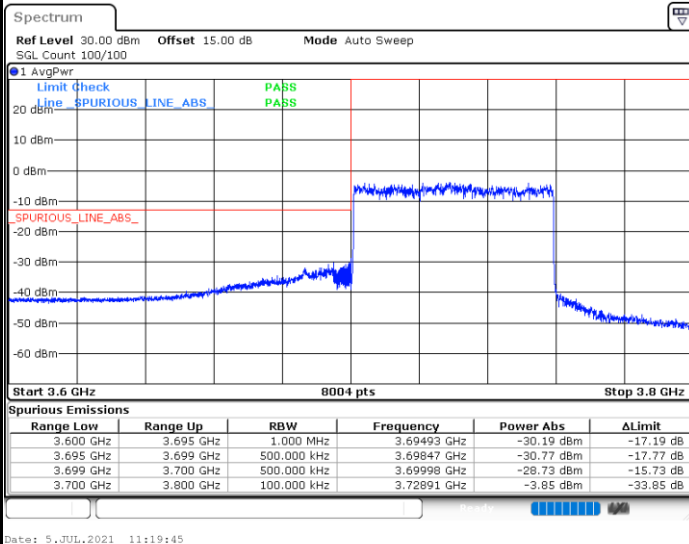
## Lowest Band Edge / 1 RB

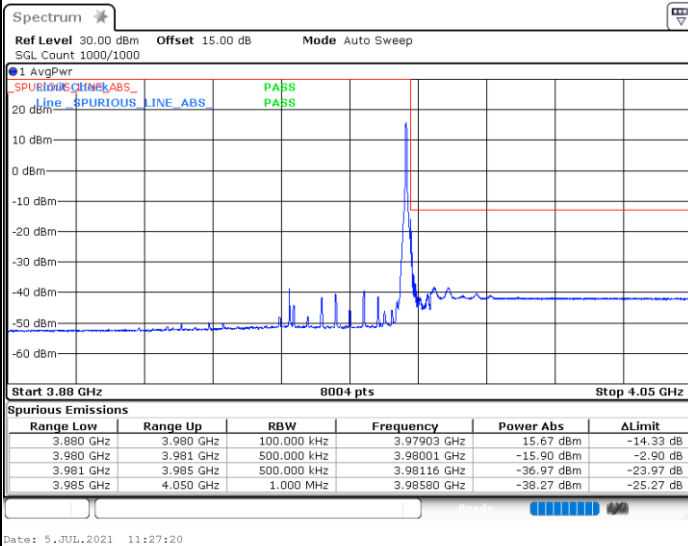
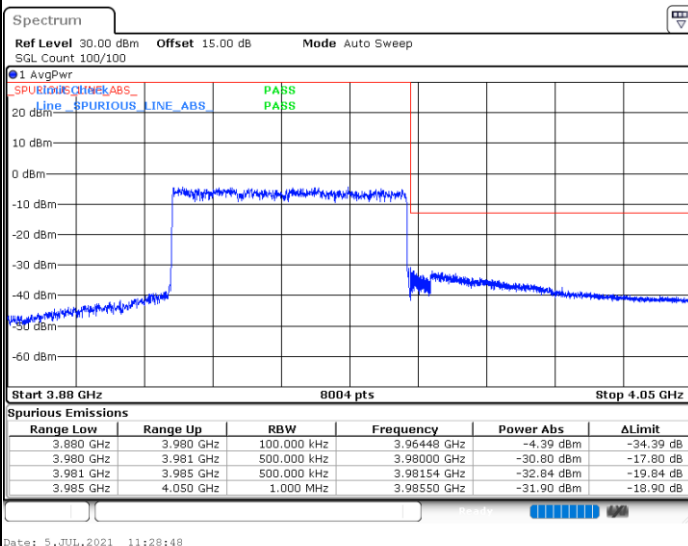
## Verify Channel Power &lt; -13dBm Pass



## Lowest Band Edge / Full RB

## Channel Power &lt; -13dBm Pass



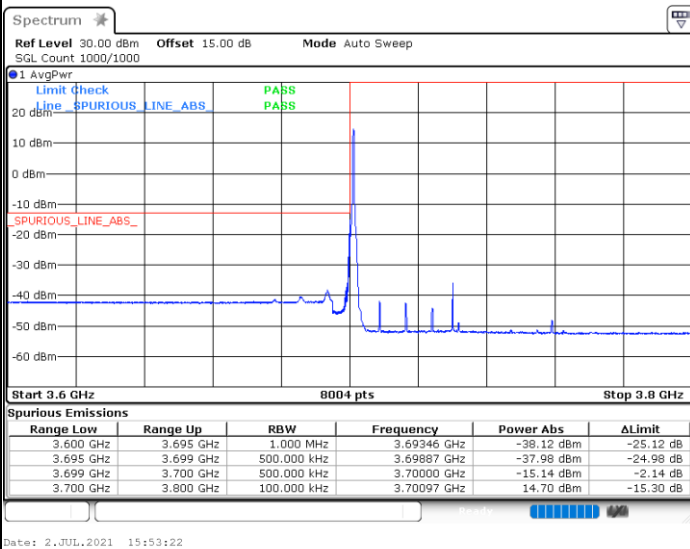
**5G NR UL-MIMO n77 / 60MHz / CP-OFDM QPSK (ANT4)****Highest Band Edge / 1 RB****Channel Power < -13dBm Pass****Highest Band Edge / Full RB****Channel Power < -13dBm Pass**



5G NR UL-MIMO n77 / 60MHz / CP-OFDM QPSK (Ant5)

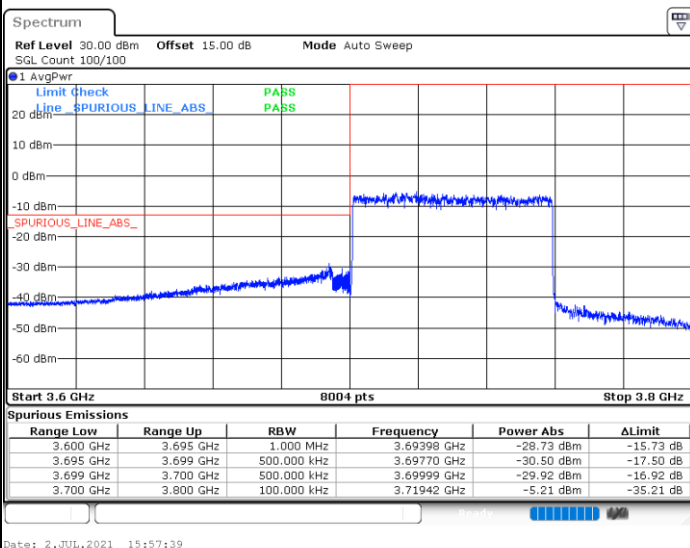
Lowest Band Edge / 1 RB

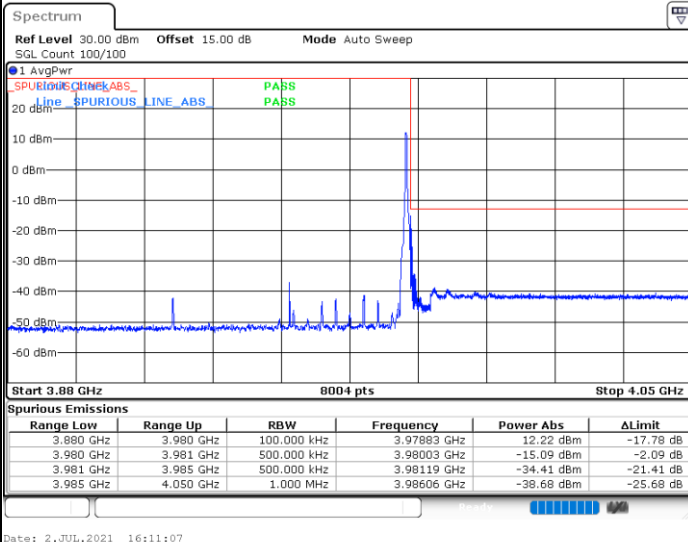
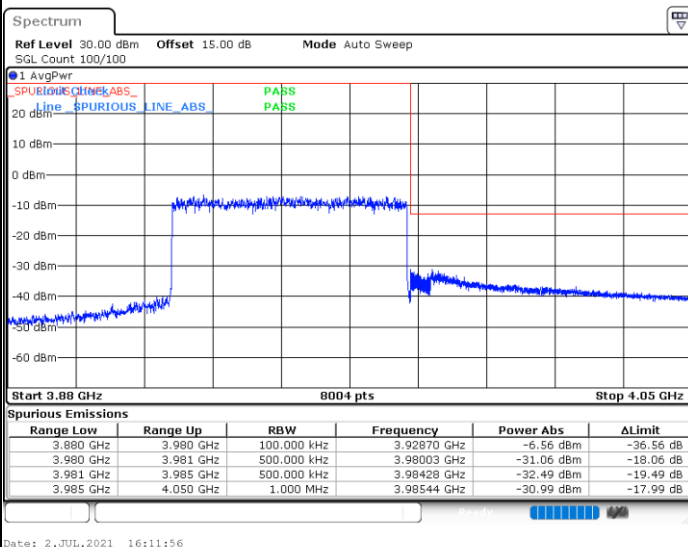
Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

Channel Power < -13dBm Pass



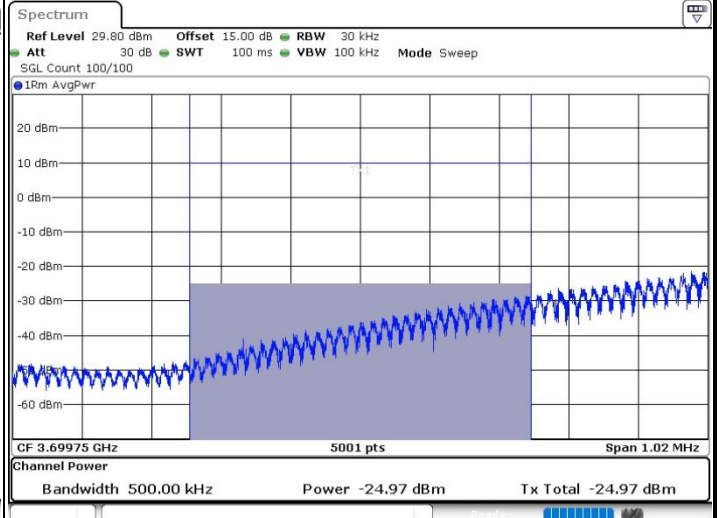
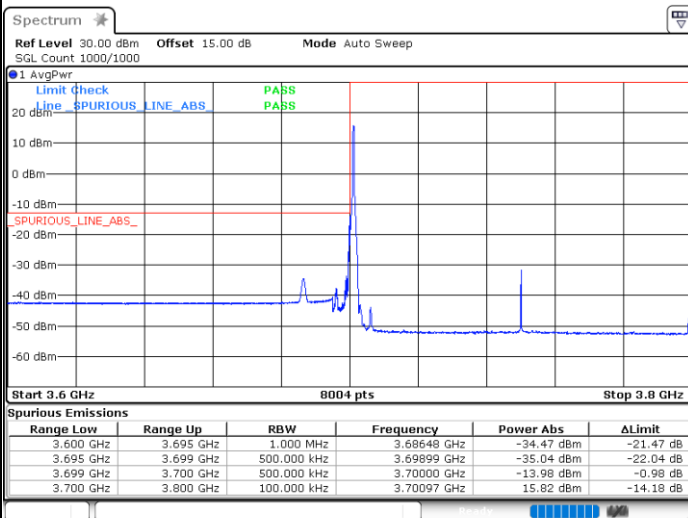
**5G NR UL-MIMO n77 / 60MHz / CP-OFDM QPSK (Ant5)****Highest Band Edge / 1 RB****Channel Power < -13dBm Pass****Highest Band Edge / Full RB****Channel Power < -13dBm Pass**



## 5G NR UL-MIMO n77 / 100MHz / CP-OFDM QPSK (ANT4)

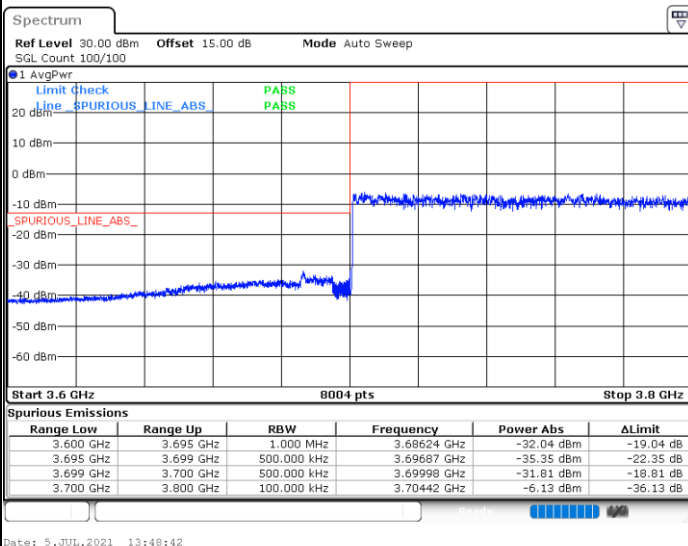
## Lowest Band Edge / 1 RB

## Verify Channel Power &lt; -13dBm Pass



## Lowest Band Edge / Full RB

## Channel Power &lt; -13dBm Pass

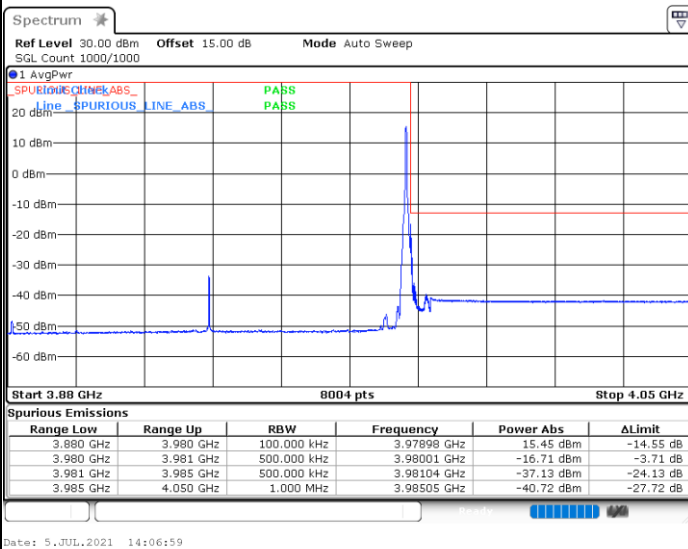




5G NR UL-MIMO n77 / 100MHz / CP-OFDM QPSK (ANT4)

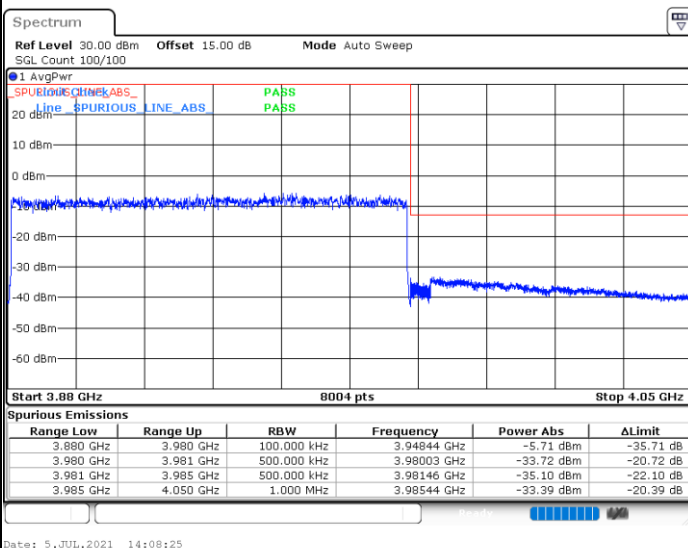
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

Channel Power < -13dBm Pass

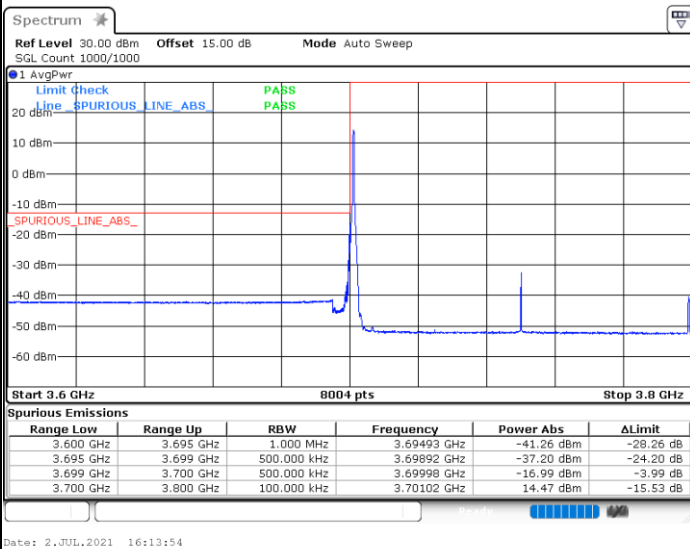




## 5G NR UL-MIMO n77 / 100MHz / CP-OFDM QPSK (Ant5)

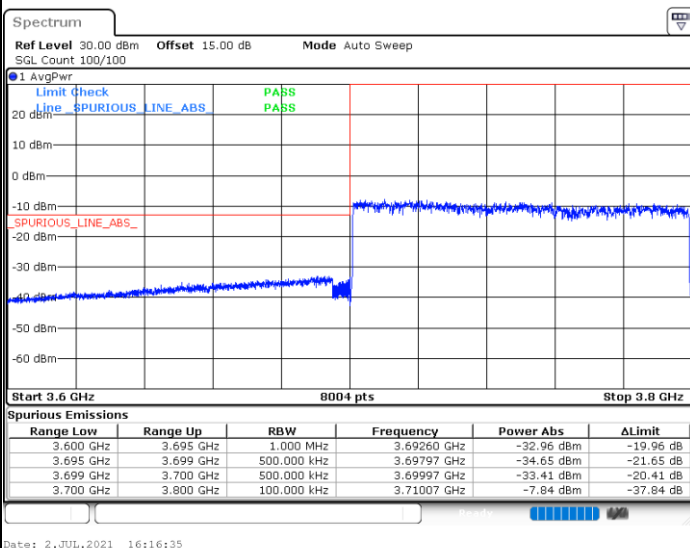
## Lowest Band Edge / 1 RB

## Channel Power &lt; -13dBm Pass



## Lowest Band Edge / Full RB

## Channel Power &lt; -13dBm Pass

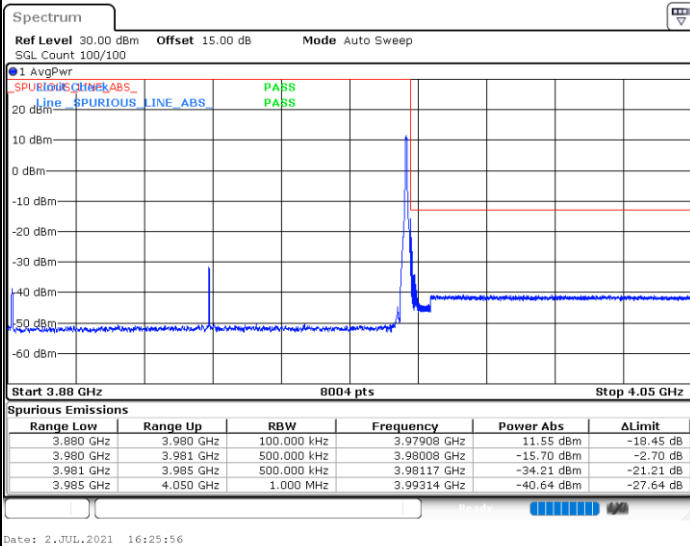




5G NR UL-MIMO n77 / 100MHz / CP-OFDM QPSK (Ant5)

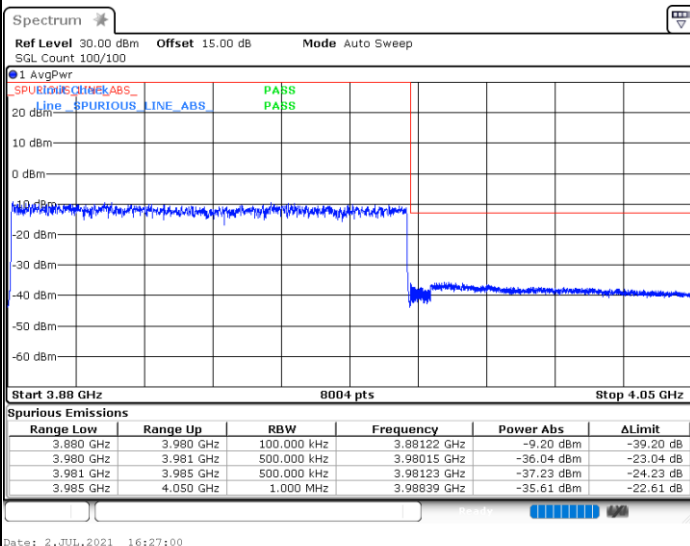
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

Channel Power < -13dBm Pass

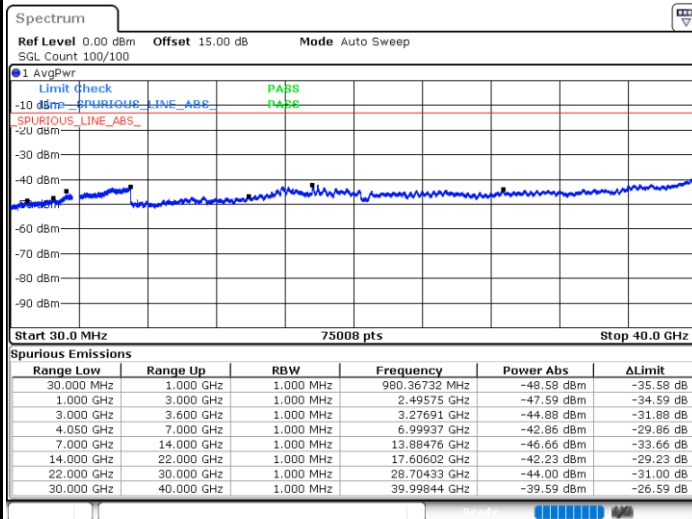




# Conducted Spurious Emission

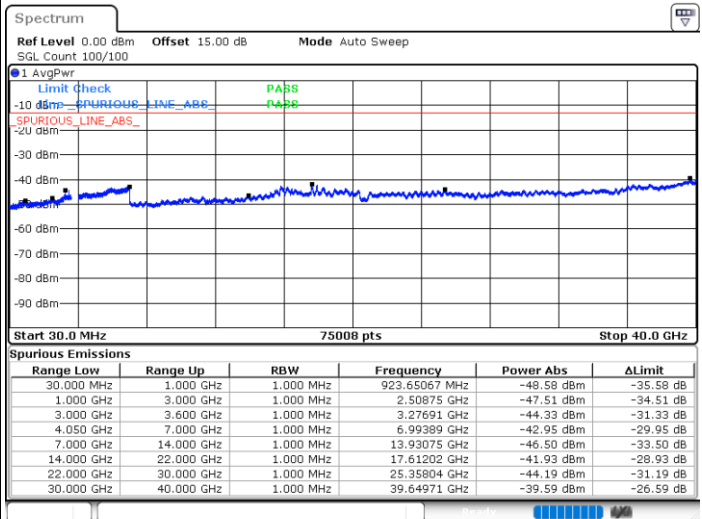
## 5G NR UL-MIMO n77 / 20MHz / CP-OFDM QPSK (ANT4)

### Lowest Channel / 1RB



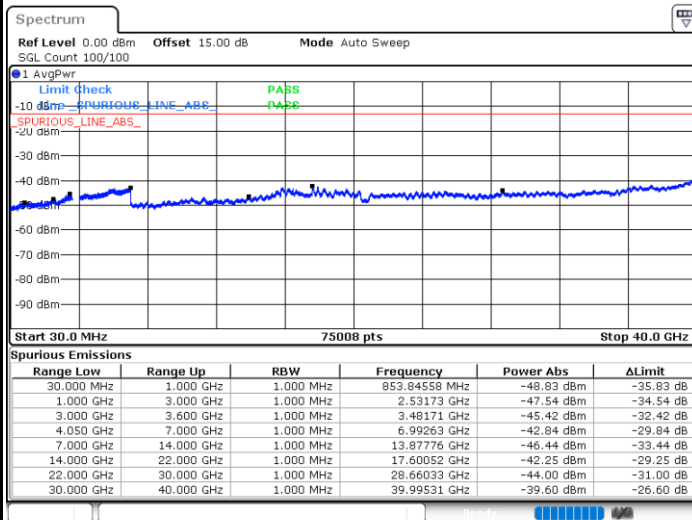
Date: 5.JUL.2021 10:07:52

### Middle Channel / 1RB



Date: 5.JUL.2021 10:13:37

### Highest Channel / 1RB



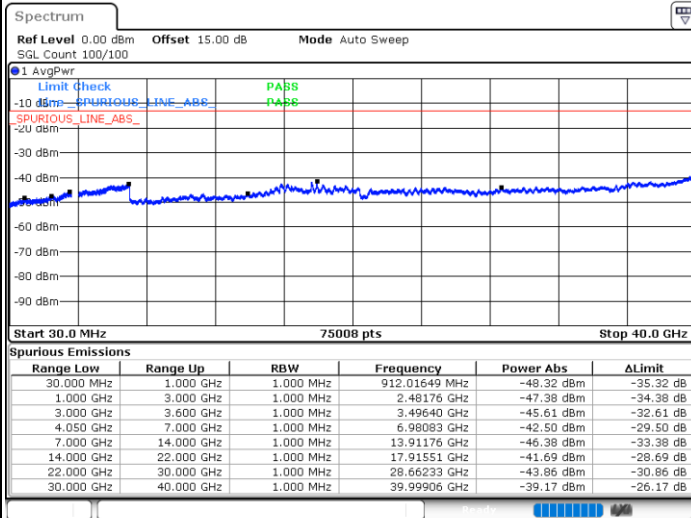
Date: 5.JUL.2021 10:19:18



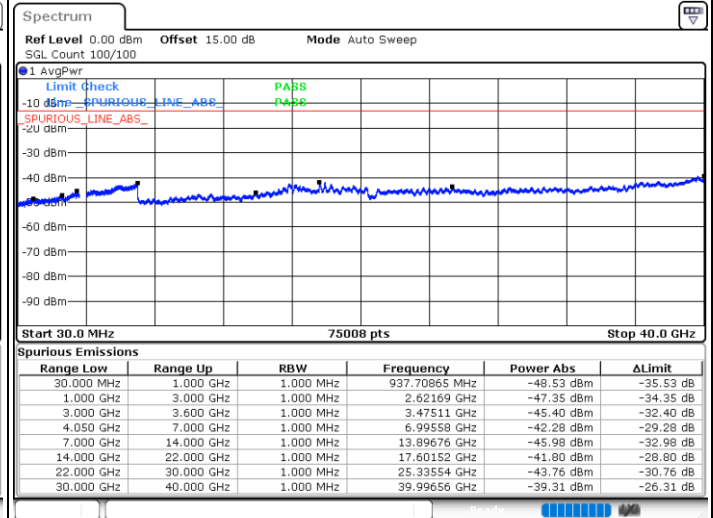
## 5G NR UL-MIMO n77 / 20MHz / CP-OFDM QPSK (Ant5)

## Lowest Channel / 1RB

## Middle Channel / 1RB

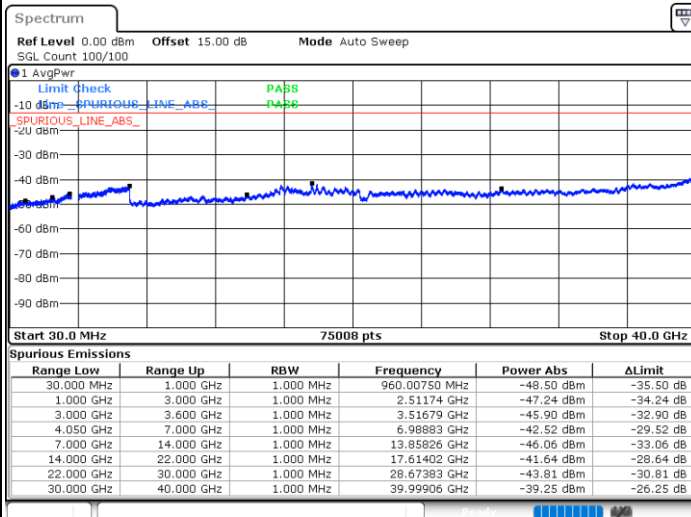


Date: 2.JUL.2021 15:30:49



Date: 2.JUL.2021 15:35:06

## Highest Channel / 1RB



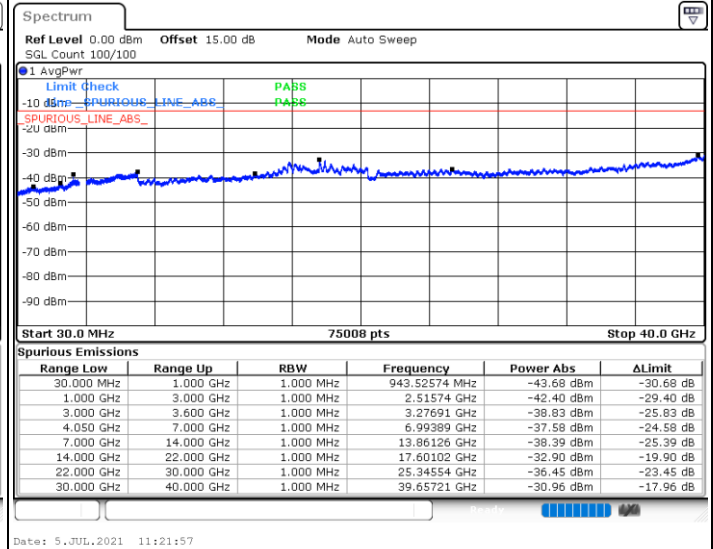
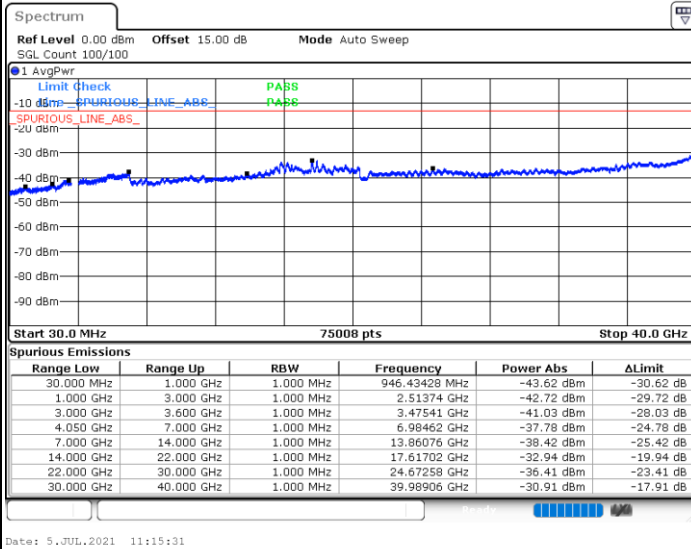
Date: 2.JUL.2021 15:50:08



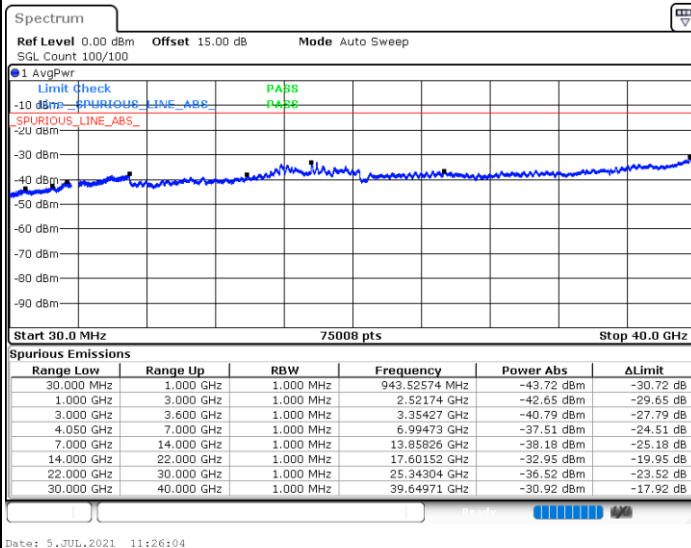
## 5G NR UL-MIMO n77 / 60MHz / CP-OFDM QPSK (ANT4)

## Lowest Channel / 1RB

## Middle Channel / 1RB



## Highest Channel / 1RB

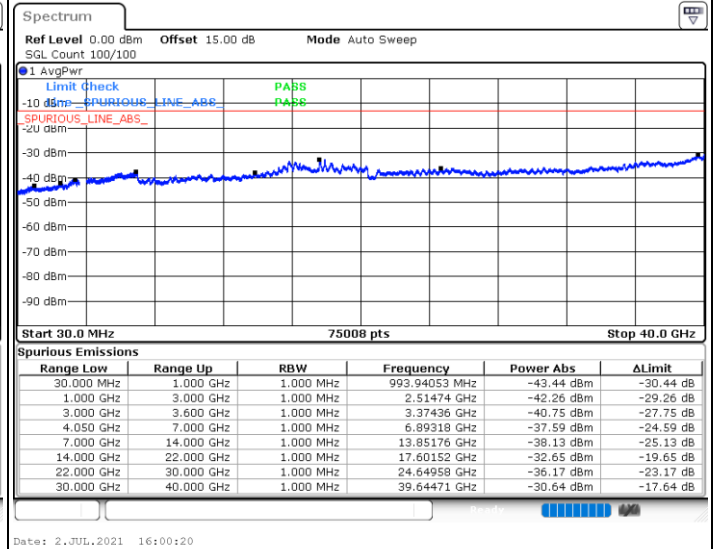
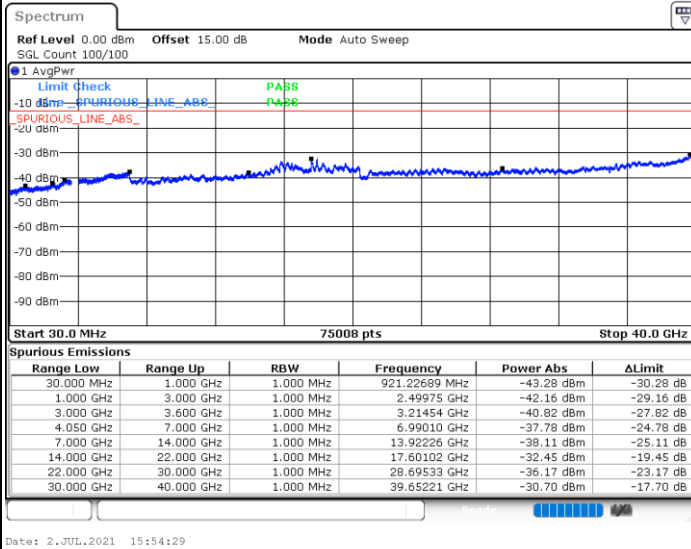




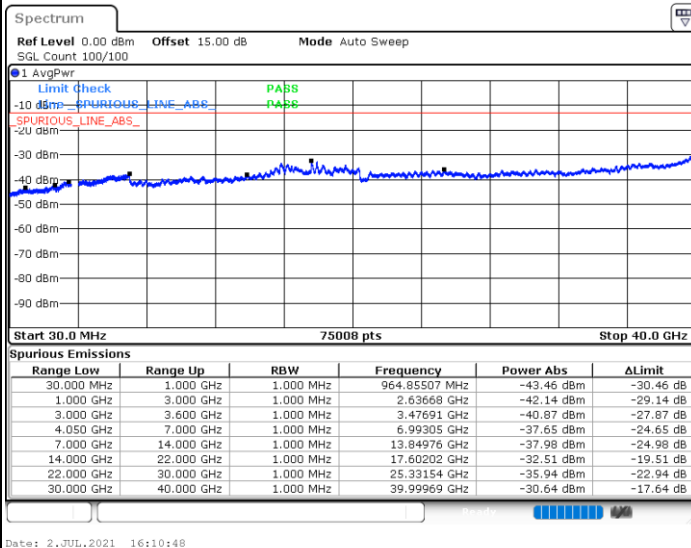
## 5G NR UL-MIMO n77 / 60MHz / CP-OFDM QPSK (Ant5)

## Lowest Channel / 1RB

## Middle Channel / 1RB



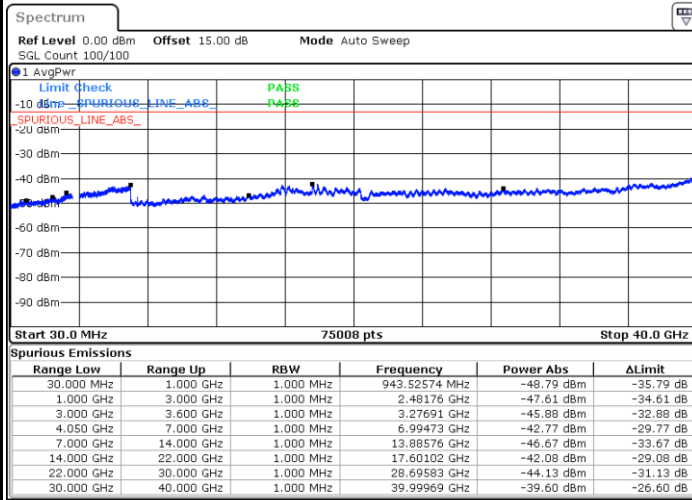
## Highest Channel / 1RB





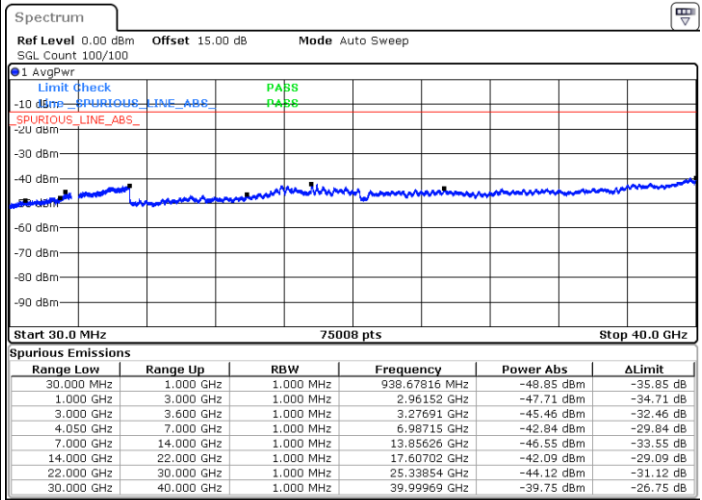
## 5G NR UL-MIMO n77 / 100MHz / CP-OFDM QPSK (ANT4)

## Lowest Channel / 1RB



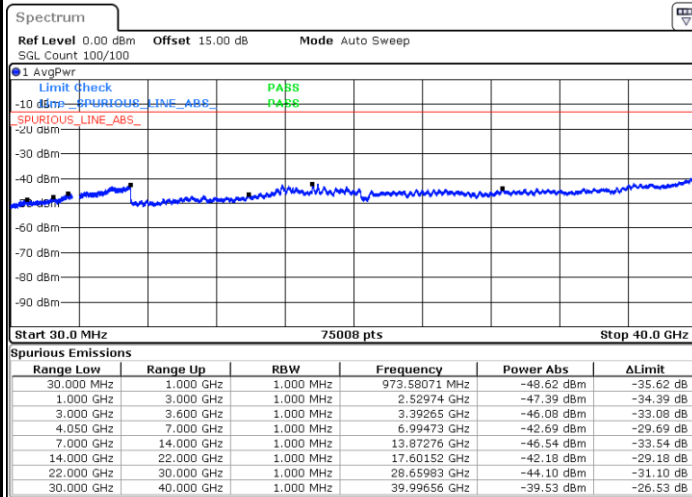
Date: 5.JUL.2021 11:55:38

## Middle Channel / 1RB



Date: 5.JUL.2021 13:52:50

## Highest Channel / 1RB

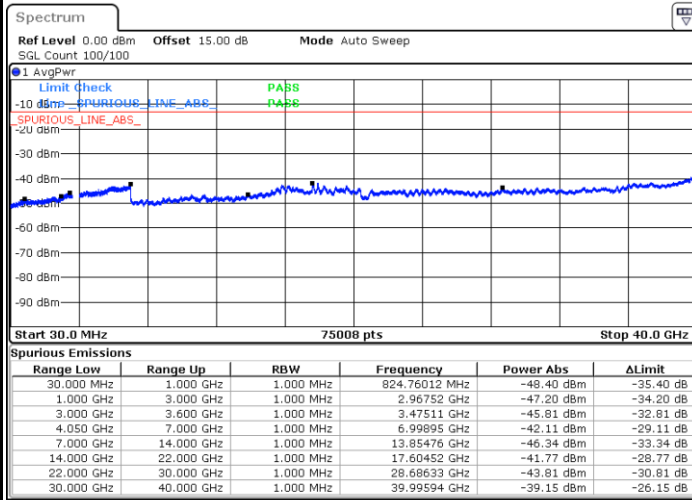


Date: 5.JUL.2021 14:06:06



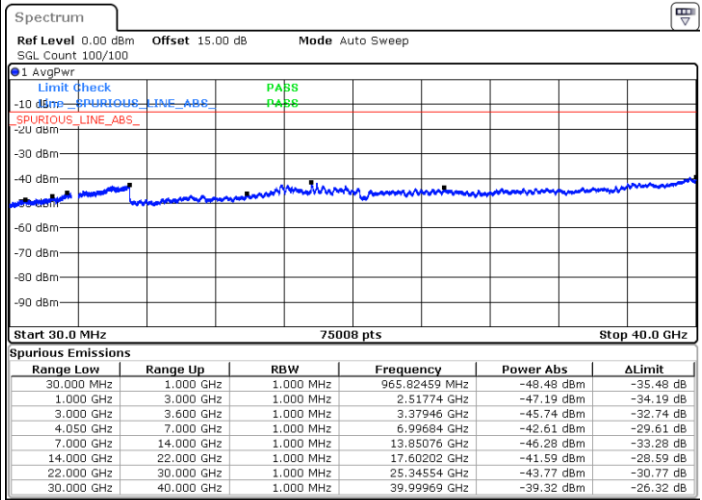
## 5G NR UL-MIMO n77 / 100MHz / CP-OFDM QPSK (Ant5)

## Lowest Channel / 1RB



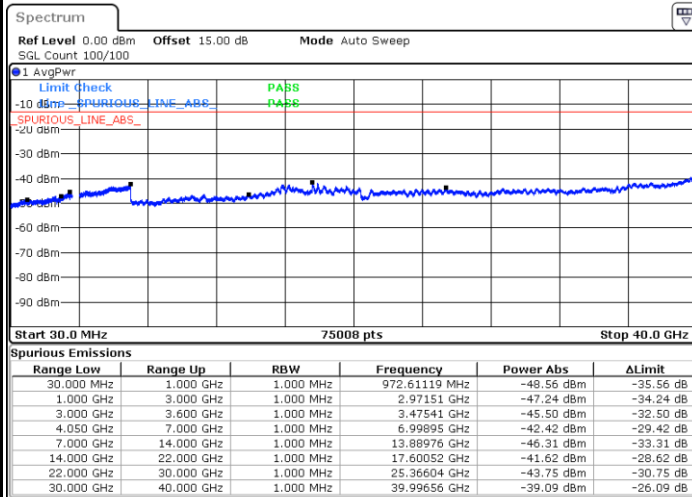
Date: 2.JUL.2021 16:15:15

## Middle Channel / 1RB



Date: 2.JUL.2021 16:18:19

## Highest Channel / 1RB



Date: 2.JUL.2021 16:22:21

## Frequency Stability

| Test Conditions  |                   | NR UL-MIMO n77 (QPSK) / Middle Channel | Limit       |
|------------------|-------------------|----------------------------------------|-------------|
| Temperature (°C) | Voltage (Volt)    | BW 20MHz                               | Within Band |
|                  |                   | Deviation (ppm)                        | Result      |
| 50               | Normal Voltage    | 0.0004                                 | PASS        |
| 40               | Normal Voltage    | 0.0003                                 |             |
| 30               | Normal Voltage    | 0.0001                                 |             |
| 20(Ref.)         | Normal Voltage    | 0.0000                                 |             |
| 10               | Normal Voltage    | 0.0004                                 |             |
| 0                | Normal Voltage    | 0.0003                                 |             |
| -10              | Normal Voltage    | 0.0002                                 |             |
| -20              | Normal Voltage    | 0.0002                                 |             |
| -30              | Normal Voltage    | 0.0001                                 |             |
| 20               | Maximum Voltage   | 0.0000                                 |             |
| 20               | Normal Voltage    | 0.0000                                 |             |
| 20               | Battery End Point | 0.0001                                 |             |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Note: Pre-scanned harmonic for the different antenna, we choose the worst antenna mode to test.

| SA n2 / NR 20MHz / QPSK DFT-s-OFDM / ANT0(NR) |                   |             |               |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 3741              | -56.15      | -13           | -43.15            | -68.41             | 2.64                 | 14.90                 | H                  |
|                                               | 5613              | -54.55      | -13           | -41.55            | -66.41             | 2.94                 | 14.80                 | H                  |
|                                               | 7488              | -52.21      | -13           | -39.21            | -61.98             | 3.39                 | 13.16                 | H                  |
|                                               | 3741              | -56.40      | -13           | -43.40            | -68.66             | 2.64                 | 14.90                 | V                  |
|                                               | 5613              | -55.23      | -13           | -42.23            | -67.09             | 2.94                 | 14.80                 | V                  |
|                                               | 7488              | -52.46      | -13           | -39.46            | -62.23             | 3.39                 | 13.16                 | V                  |

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

| EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT6(NR) |                   |             |               |                   |                    |                      |                       |                    |
|-------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                           | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                            | 3741              | -56.45      | -13           | -43.45            | -68.71             | 2.64                 | 14.90                 | H                  |
|                                                                   | 5613              | -51.94      | -13           | -38.94            | -63.80             | 2.94                 | 14.80                 | H                  |
|                                                                   | 7488              | -42.69      | -13           | -29.69            | -52.46             | 3.39                 | 13.16                 | H                  |
|                                                                   | 3741              | -56.29      | -13           | -43.29            | -68.55             | 2.64                 | 14.90                 | V                  |
|                                                                   | 5613              | -53.60      | -13           | -40.60            | -65.46             | 2.94                 | 14.80                 | V                  |
|                                                                   | 7488              | -43.33      | -13           | -30.33            | -53.10             | 3.39                 | 13.16                 | V                  |

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

| EN-DC_13A_n2A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT6(NR) |                   |             |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                             | 3741              | -56.61      | -13           | -43.61            | -68.87             | 2.64                 | 14.90                 | H                  |
|                                                                    | 5613              | -51.89      | -13           | -38.89            | -63.75             | 2.94                 | 14.80                 | H                  |
|                                                                    | 7488              | -43.16      | -13           | -30.16            | -52.93             | 3.39                 | 13.16                 | H                  |
|                                                                    | 3741              | -56.29      | -13           | -43.29            | -68.55             | 2.64                 | 14.90                 | V                  |
|                                                                    | 5613              | -53.51      | -13           | -40.51            | -65.37             | 2.94                 | 14.80                 | V                  |
|                                                                    | 7488              | -43.56      | -13           | -30.56            | -53.33             | 3.39                 | 13.16                 | V                  |

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

| EN-DC_66A_n2A / LTE 10MHz + NR 20MHz / QPSK / ANT6(LTE) & ANT0(NR) |                   |             |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                             | 3741              | -52.78      | -13           | -39.78            | -65.04             | 2.64                 | 14.90                 | H                  |
|                                                                    | 5613              | -55.07      | -13           | -42.07            | -66.93             | 2.94                 | 14.80                 | H                  |
|                                                                    | 7488              | -50.41      | -13           | -37.41            | -60.18             | 3.39                 | 13.16                 | H                  |
|                                                                    | 3741              | -54.11      | -13           | -41.11            | -66.37             | 2.64                 | 14.90                 | V                  |
|                                                                    | 5613              | -55.48      | -13           | -42.48            | -67.34             | 2.94                 | 14.80                 | V                  |
|                                                                    | 7488              | -50.15      | -13           | -37.15            | -59.92             | 3.39                 | 13.16                 | V                  |

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

| SA n5 / NR 20MHz / QPSK DFT-s-OFDM / ANT0(NR) |                   |             |               |                   |                    |                      |                       |                    |
|-----------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                       | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                        | 1664              | -65.27      | -13           | -52.27            | -72.24             | 1.58                 | 10.70                 | H                  |
|                                               | 2496              | -60.16      | -13           | -47.16            | -68.41             | 2.10                 | 12.50                 | H                  |
|                                               | 3330              | -59.89      | -13           | -46.89            | -68.78             | 2.86                 | 13.90                 | H                  |
|                                               | 1664              | -64.19      | -13           | -51.19            | -71.16             | 1.58                 | 10.70                 | V                  |
|                                               | 2496              | -59.04      | -13           | -46.04            | -67.29             | 2.10                 | 12.50                 | V                  |
|                                               | 3330              | -59.78      | -13           | -46.78            | -68.67             | 2.86                 | 13.90                 | V                  |

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

| EN-DC_2A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT6(LTE) & ANT0(NR) |                   |             |               |                   |                    |                      |                       |                    |
|-------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                           | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                            | 1656              | -64.94      | -13           | -51.94            | -71.91             | 1.58                 | 10.70                 | H                  |
|                                                                   | 2482              | -60.98      | -13           | -47.98            | -69.23             | 2.10                 | 12.50                 | H                  |
|                                                                   | 3312              | -59.65      | -13           | -46.65            | -68.54             | 2.86                 | 13.90                 | H                  |
|                                                                   | 1656              | -64.28      | -13           | -51.28            | -71.25             | 1.58                 | 10.70                 | V                  |
|                                                                   | 2482              | -58.85      | -13           | -45.85            | -67.10             | 2.10                 | 12.50                 | V                  |
|                                                                   | 3312              | -59.66      | -13           | -46.66            | -68.55             | 2.86                 | 13.90                 | V                  |

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



| EN-DC_48A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT4(LTE) & ANT0(NR) |                   |             |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                             | 1656              | -64.64      | -13           | -51.64            | -71.61             | 1.58                 | 10.70                 | H                  |
|                                                                    | 2482              | -60.29      | -13           | -47.29            | -68.54             | 2.10                 | 12.50                 | H                  |
|                                                                    | 3312              | -59.55      | -13           | -46.55            | -68.44             | 2.86                 | 13.90                 | H                  |
|                                                                    | 1656              | -63.54      | -13           | -50.54            | -70.51             | 1.58                 | 10.70                 | V                  |
|                                                                    | 2482              | -58.62      | -13           | -45.62            | -66.87             | 2.10                 | 12.50                 | V                  |
|                                                                    | 3312              | -59.43      | -13           | -46.43            | -68.32             | 2.86                 | 13.90                 | V                  |

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

| EN-DC_66A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT6(LTE) & ANT0(NR) |                   |             |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                             | 1656              | -65.20      | -13           | -52.20            | -72.17             | 1.58                 | 10.70                 | H                  |
|                                                                    | 2482              | -60.83      | -13           | -47.83            | -69.08             | 2.10                 | 12.50                 | H                  |
|                                                                    | 3312              | -59.79      | -13           | -46.79            | -68.68             | 2.86                 | 13.90                 | H                  |
|                                                                    | 1656              | -63.95      | -13           | -50.95            | -70.92             | 1.58                 | 10.70                 | V                  |
|                                                                    | 2482              | -59.07      | -13           | -46.07            | -67.32             | 2.10                 | 12.50                 | V                  |
|                                                                    | 3312              | -59.67      | -13           | -46.67            | -68.56             | 2.86                 | 13.90                 | V                  |

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

| EN-DC_2A_66A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT1(NR) |                   |             |               |                   |                    |                      |                       |                    |
|-----------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                               | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                                | 1656              | -64.83      | -13           | -51.83            | -71.80             | 1.58                 | 10.70                 | H                  |
|                                                                       | 2482              | -60.22      | -13           | -47.22            | -68.47             | 2.10                 | 12.50                 | H                  |
|                                                                       | 3312              | -59.63      | -13           | -46.63            | -68.52             | 2.86                 | 13.90                 | H                  |
|                                                                       | 1656              | -63.60      | -13           | -50.60            | -70.57             | 1.58                 | 10.70                 | V                  |
|                                                                       | 2482              | -58.33      | -13           | -45.33            | -66.58             | 2.10                 | 12.50                 | V                  |
|                                                                       | 3312              | -59.56      | -13           | -46.56            | -68.45             | 2.86                 | 13.90                 | V                  |

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

| EN-DC_2A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT1(NR) |                   |             |               |                   |                    |                      |                       |                    |
|-------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                           | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                            | 1656              | -67.18      | -13           | -54.18            | -74.15             | 1.58                 | 10.70                 | H                  |
|                                                                   | 2482              | -62.36      | -13           | -49.36            | -70.61             | 2.10                 | 12.50                 | H                  |
|                                                                   | 3312              | -62.02      | -13           | -49.02            | -70.91             | 2.86                 | 13.90                 | H                  |
|                                                                   | 1656              | -65.84      | -13           | -52.84            | -72.81             | 1.58                 | 10.70                 | V                  |
|                                                                   | 2482              | -60.54      | -13           | -47.54            | -68.79             | 2.10                 | 12.50                 | V                  |
|                                                                   | 3312              | -62.35      | -13           | -49.35            | -71.24             | 2.86                 | 13.90                 | V                  |

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

| EN-DC_66A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT1(NR) |                   |             |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                             | 1656              | -66.78      | -13           | -53.78            | -73.75             | 1.58                 | 10.70                 | H                  |
|                                                                    | 2482              | -62.23      | -13           | -49.23            | -70.48             | 2.10                 | 12.50                 | H                  |
|                                                                    | 3312              | -62.19      | -13           | -49.19            | -71.08             | 2.86                 | 13.90                 | H                  |
|                                                                    | 1656              | -65.84      | -13           | -52.84            | -72.81             | 1.58                 | 10.70                 | V                  |
|                                                                    | 2482              | -60.41      | -13           | -47.41            | -68.66             | 2.10                 | 12.50                 | V                  |
|                                                                    | 3312              | -62.02      | -13           | -49.02            | -70.91             | 2.86                 | 13.90                 | V                  |

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

| SA n66 / NR 20MHz / QPSK DFT-s-OFDM / ANT0(NR) |                   |             |               |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                        | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                         | 3471              | -48.41      | -13           | -35.41            | -59.15             | 2.604                | 13.34                 | H                  |
|                                                | 5208              | -54.56      | -13           | -41.56            | -65.07             | 3.011                | 13.52                 | H                  |
|                                                | 6948              | -54.41      | -13           | -41.41            | -64.61             | 3.271                | 13.47                 | H                  |
|                                                | 3471              | -52.44      | -13           | -39.44            | -63.18             | 2.604                | 13.34                 | V                  |
|                                                | 5208              | -55.11      | -13           | -42.11            | -65.62             | 3.011                | 13.52                 | V                  |
|                                                | 6948              | -54.21      | -13           | -41.21            | -64.41             | 3.271                | 13.47                 | V                  |

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

| EN-DC_2A_n66A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT6(NR) |                   |             |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                             | 3471              | -54.23      | -13           | -41.23            | -64.97             | 2.604                | 13.34                 | H                  |
|                                                                    | 5208              | -54.19      | -13           | -41.19            | -64.70             | 3.011                | 13.52                 | H                  |
|                                                                    | 6948              | -48.78      | -13           | -35.78            | -58.98             | 3.271                | 13.47                 | H                  |
|                                                                    | 3471              | -56.86      | -13           | -43.86            | -67.60             | 2.604                | 13.34                 | V                  |
|                                                                    | 5208              | -54.26      | -13           | -41.26            | -64.77             | 3.011                | 13.52                 | V                  |
|                                                                    | 6948              | -42.85      | -13           | -29.85            | -53.05             | 3.271                | 13.47                 | V                  |

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

| EN-DC_5A_n66A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT6(NR) |                   |             |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                             | 3471              | -54.77      | -13           | -41.77            | -65.51             | 2.604                | 13.34                 | H                  |
|                                                                    | 5208              | -54.18      | -13           | -41.18            | -64.69             | 3.011                | 13.52                 | H                  |
|                                                                    | 6948              | -48.14      | -13           | -35.14            | -58.34             | 3.271                | 13.47                 | H                  |
|                                                                    | 3471              | -56.81      | -13           | -43.81            | -67.55             | 2.604                | 13.34                 | V                  |
|                                                                    | 5208              | -54.21      | -13           | -41.21            | -64.72             | 3.011                | 13.52                 | V                  |
|                                                                    | 6948              | -44.54      | -13           | -31.54            | -54.74             | 3.271                | 13.47                 | V                  |

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

| EN-DC_13A_n66A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT6(NR) |                   |             |               |                   |                    |                      |                       |                    |
|---------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                             | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                              | 3471              | -54.42      | -13           | -41.42            | -65.16             | 2.604                | 13.34                 | H                  |
|                                                                     | 5208              | -54.54      | -13           | -41.54            | -65.05             | 3.011                | 13.52                 | H                  |
|                                                                     | 6948              | -47.73      | -13           | -34.73            | -57.93             | 3.271                | 13.47                 | H                  |
|                                                                     | 3471              | -57.77      | -13           | -44.77            | -68.51             | 2.604                | 13.34                 | V                  |
|                                                                     | 5208              | -54.21      | -13           | -41.21            | -64.72             | 3.011                | 13.52                 | V                  |
|                                                                     | 6948              | -43.38      | -13           | -30.38            | -53.58             | 3.271                | 13.47                 | V                  |

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

| EN-DC 5A_n66A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR) |                   |             |               |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                             | 3471              | -52.05      | -13           | -39.05            | -62.79             | 2.60                 | 13.34                 | H                  |
|                                                                    | 5208              | -55.89      | -13           | -42.89            | -66.40             | 3.01                 | 13.52                 | H                  |
|                                                                    | 6948              | -50.36      | -13           | -37.36            | -60.56             | 3.27                 | 13.47                 | H                  |
|                                                                    | 3471              | -53.52      | -13           | -40.52            | -64.26             | 2.60                 | 13.34                 | V                  |
|                                                                    | 5208              | -55.84      | -13           | -42.84            | -66.35             | 3.01                 | 13.52                 | V                  |
|                                                                    | 6948              | -48.73      | -13           | -35.73            | -58.93             | 3.27                 | 13.47                 | V                  |

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

| SA n77 UL MIMO / NR 100MHz / QPSK DFT-s-OFDM / ANT5(NR) |                   |             |               |                   |                    |                      |                       |                    |
|---------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                 | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                  | 7590              | -61.12      | -13           | -48.12            | -71.60             | 2.76                 | 13.24                 | H                  |
|                                                         | 11388             | -58.02      | -13           | -45.02            | -67.61             | 3.42                 | 13.01                 | H                  |
|                                                         | 15180             | -57.60      | -13           | -44.60            | -67.21             | 3.83                 | 13.44                 | H                  |
|                                                         | 7584              | -59.72      | -13           | -46.72            | -70.16             | 2.80                 | 13.24                 | V                  |
|                                                         | 11388             | -58.11      | -13           | -45.11            | -67.66             | 3.46                 | 13.01                 | V                  |
|                                                         | 15180             | -57.62      | -13           | -44.62            | -67.18             | 3.88                 | 13.44                 | V                  |

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

| SA n77 / NR 100MHz / QPSK DFT-s-OFDM / ANT4(NR) |                   |             |               |                   |                    |                      |                       |                    |
|-------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                         | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                          | 7590              | -61.22      | -13           | -48.22            | -71.70             | 2.76                 | 13.24                 | H                  |
|                                                 | 11388             | -58.06      | -13           | -45.06            | -67.65             | 3.42                 | 13.01                 | H                  |
|                                                 | 15180             | -57.43      | -13           | -44.43            | -67.04             | 3.83                 | 13.44                 | H                  |
|                                                 | 7590              | -61.30      | -13           | -48.30            | -71.74             | 2.80                 | 13.24                 | V                  |
|                                                 | 11388             | -58.06      | -13           | -45.06            | -67.61             | 3.46                 | 13.01                 | V                  |
|                                                 | 15180             | -57.73      | -13           | -44.73            | -67.29             | 3.88                 | 13.44                 | V                  |

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

| EN-DC_2A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT4(NR) |                   |             |               |                   |                    |                      |                       |                    |
|---------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                             | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                              | 7584              | -60.00      | -13           | -47.00            | -70.48             | 2.76                 | 13.24                 | H                  |
|                                                                     | 11388             | -57.97      | -13           | -44.97            | -67.56             | 3.42                 | 13.01                 | H                  |
|                                                                     | 15180             | -57.57      | -13           | -44.57            | -67.18             | 3.83                 | 13.44                 | H                  |
|                                                                     | 7584              | -60.99      | -13           | -47.99            | -71.43             | 2.80                 | 13.24                 | V                  |
|                                                                     | 11388             | -57.80      | -13           | -44.80            | -67.35             | 3.46                 | 13.01                 | V                  |
|                                                                     | 15180             | -57.80      | -13           | -44.80            | -67.36             | 3.88                 | 13.44                 | V                  |

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

| EN-DC_13A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT4(NR) |                   |             |               |                   |                    |                      |                       |                    |
|----------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                              | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                               | 7584              | -60.44      | -13           | -47.44            | -70.92             | 2.76                 | 13.24                 | H                  |
|                                                                      | 11388             | -57.72      | -13           | -44.72            | -67.31             | 3.42                 | 13.01                 | H                  |
|                                                                      | 15180             | -57.54      | -13           | -44.54            | -67.15             | 3.83                 | 13.44                 | H                  |
|                                                                      | 7584              | -58.25      | -13           | -45.25            | -68.69             | 2.80                 | 13.24                 | V                  |
|                                                                      | 11388             | -57.89      | -13           | -44.89            | -67.44             | 3.46                 | 13.01                 | V                  |
|                                                                      | 15180             | -57.41      | -13           | -44.41            | -66.97             | 3.88                 | 13.44                 | V                  |

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

| EN-DC_66A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT4(NR) |                   |             |               |                   |                    |                      |                       |                    |
|----------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                              | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                                                               | 7584              | -61.05      | -13           | -48.05            | -71.53             | 2.76                 | 13.24                 | H                  |
|                                                                      | 8718              | -59.02      | -13           | -46.02            | -68.61             | 3.42                 | 13.01                 | H                  |
|                                                                      | 11388             | -57.77      | -13           | -44.77            | -67.38             | 3.83                 | 13.44                 | H                  |
|                                                                      | 15180             | -57.48      | -13           | -44.48            | -66.50             | 4.41                 | 13.43                 | H                  |
|                                                                      | 7584              | -57.94      | -13           | -44.94            | -68.42             | 2.76                 | 13.24                 | V                  |
|                                                                      | 8718              | -54.92      | -13           | -41.92            | -64.51             | 3.42                 | 13.01                 | V                  |
|                                                                      | 11388             | -57.70      | -13           | -44.70            | -67.31             | 3.83                 | 13.44                 | V                  |
|                                                                      | 15180             | -57.07      | -13           | -44.07            | -66.09             | 4.41                 | 13.43                 | V                  |

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