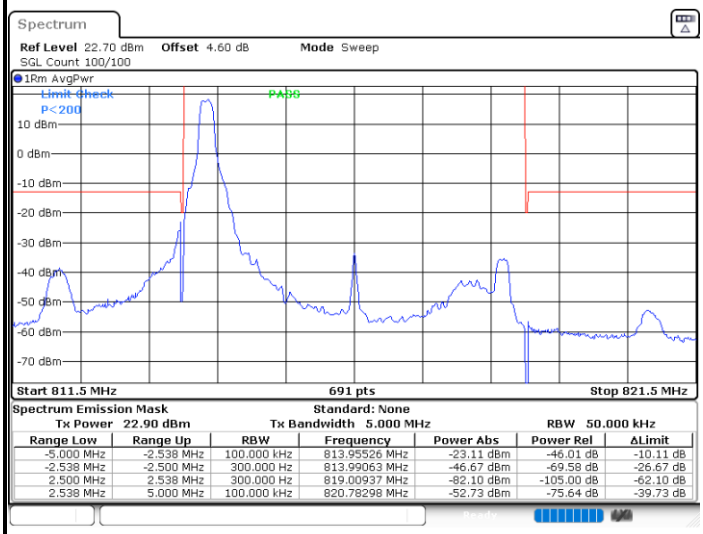
## LTE Band 26 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



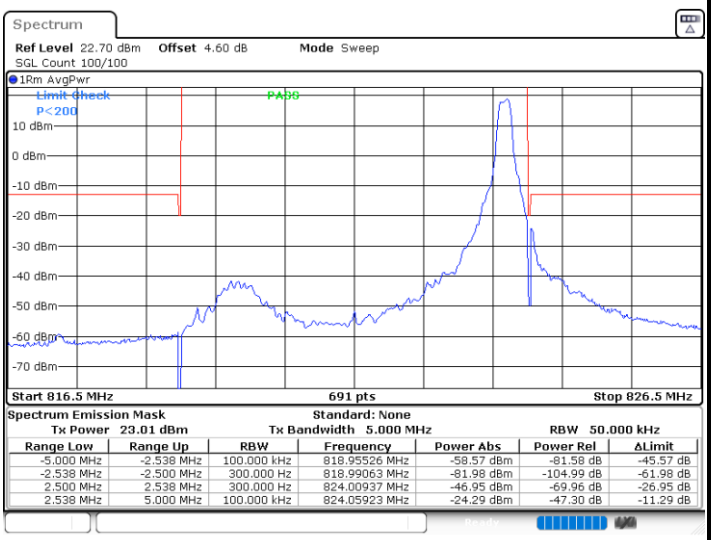

Spectrum Emission Mask — Standard: None

Tx Power 22.90 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 813.95526 MHz | -23.11 dBm | -46.01 dB | -10.11 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 813.99063 MHz | -46.67 dBm | -69.58 dB | -26.67 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 819.00937 MHz | -82.10 dBm | -105.00 dB | -62.10 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 820.78298 MHz | -52.73 dBm | -75.64 dB | -39.73 dB |

Date: 24.FEB.2023 13:09:08

### Highest Band Edge / 1 RB



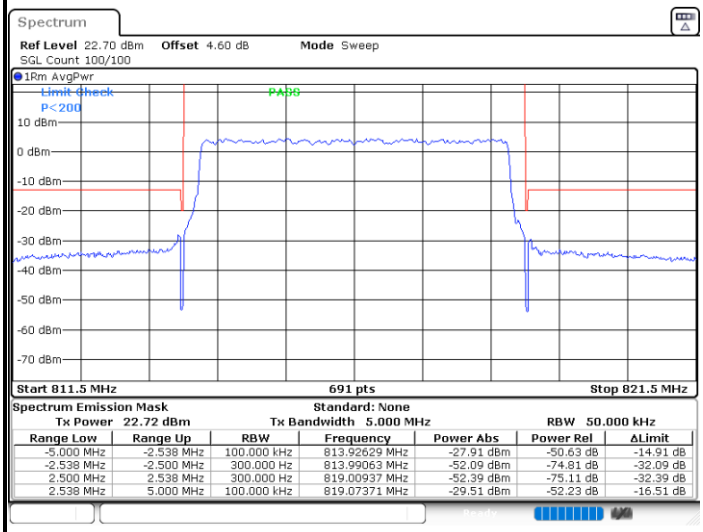

Spectrum Emission Mask — Standard: None

Tx Power 23.01 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 818.95526 MHz | -58.57 dBm | -81.58 dB | -45.57 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 818.99063 MHz | -81.98 dBm | -104.99 dB | -61.98 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 824.00937 MHz | -46.95 dBm | -69.96 dB | -26.95 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 824.05923 MHz | -24.29 dBm | -47.30 dB | -11.29 dB |

Date: 24.FEB.2023 13:18:05

### Lowest Band Edge / Full RB



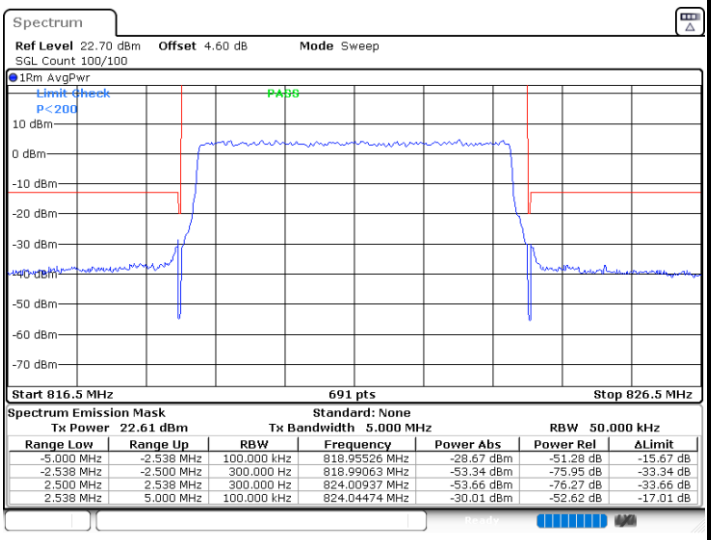

Spectrum Emission Mask — Standard: None

Tx Power 22.72 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 813.92629 MHz | -27.91 dBm | -50.63 dB | -14.91 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 813.99063 MHz | -52.09 dBm | -74.81 dB | -32.09 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 819.00937 MHz | -52.39 dBm | -75.11 dB | -32.39 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 819.07371 MHz | -29.51 dBm | -52.23 dB | -16.51 dB |

Date: 24.FEB.2023 13:15:47

### Highest Band Edge / Full RB




Spectrum Emission Mask — Standard: None

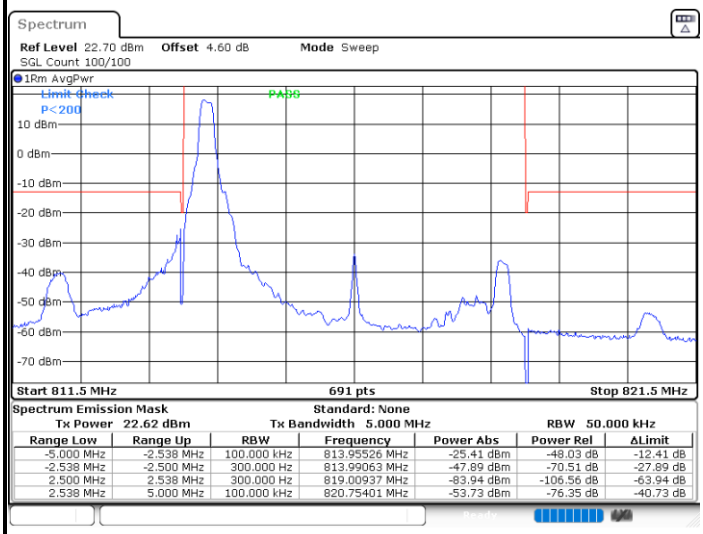
Tx Power 22.61 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 818.95526 MHz | -28.67 dBm | -51.28 dB | -15.67 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 818.99063 MHz | -53.34 dBm | -75.95 dB | -33.34 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 824.00937 MHz | -53.66 dBm | -76.27 dB | -33.66 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 824.04474 MHz | -30.01 dBm | -52.62 dB | -17.01 dB |

Date: 24.FEB.2023 13:27:18

## LTE Band 26 / 5MHz / 16QAM

### Lowest Band Edge / 1RB



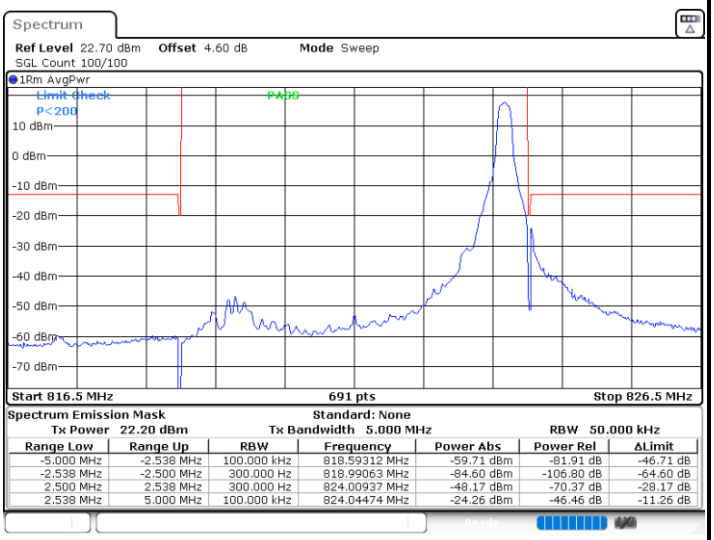

Spectrum Emission Mask — Standard: None

Tx Power 22.62 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 813.95526 MHz | -25.41 dBm | -48.03 dB | -12.41 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 813.99063 MHz | -47.89 dBm | -70.51 dB | -27.89 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 819.00937 MHz | -83.94 dBm | -106.56 dB | -63.94 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 820.75401 MHz | -53.73 dBm | -76.35 dB | -40.73 dB |

Date: 24.FEB.2023 13:09:58

### Highest Band Edge / 1 RB



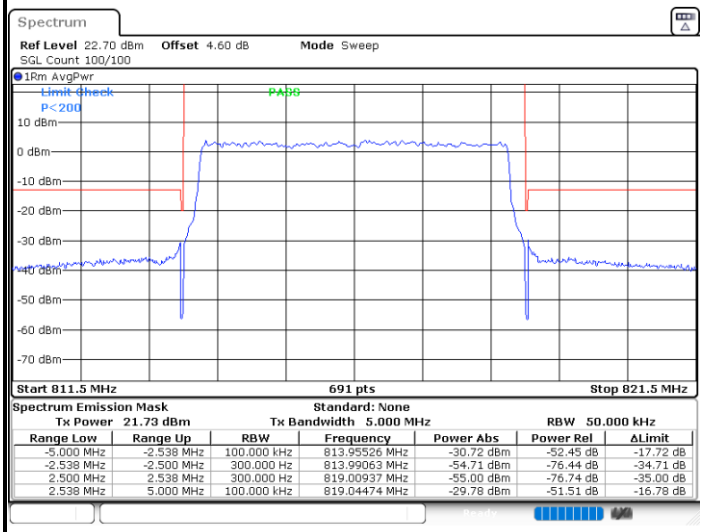

Spectrum Emission Mask — Standard: None

Tx Power 22.20 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 818.59312 MHz | -59.71 dBm | -81.91 dB | -46.71 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 818.99063 MHz | -84.60 dBm | -106.80 dB | -64.60 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 824.00937 MHz | -48.17 dBm | -70.37 dB | -28.17 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 824.04474 MHz | -24.26 dBm | -46.46 dB | -11.26 dB |

Date: 24.FEB.2023 13:18:55

### Lowest Band Edge / Full RB



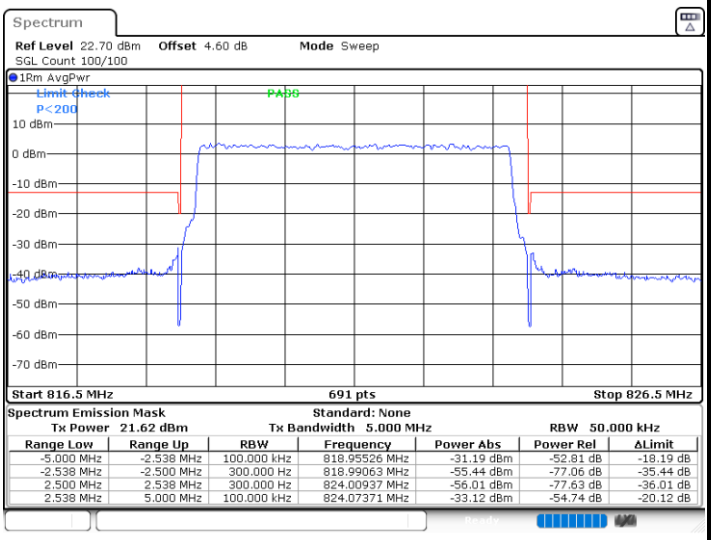

Spectrum Emission Mask — Standard: None

Tx Power 21.73 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 813.95526 MHz | -30.72 dBm | -52.45 dB | -17.72 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 813.99063 MHz | -54.71 dBm | -76.44 dB | -34.71 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 819.00937 MHz | -55.00 dBm | -76.74 dB | -35.00 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 819.04474 MHz | -29.78 dBm | -51.51 dB | -16.78 dB |

Date: 24.FEB.2023 13:13:18

### Highest Band Edge / Full RB




Spectrum Emission Mask — Standard: None

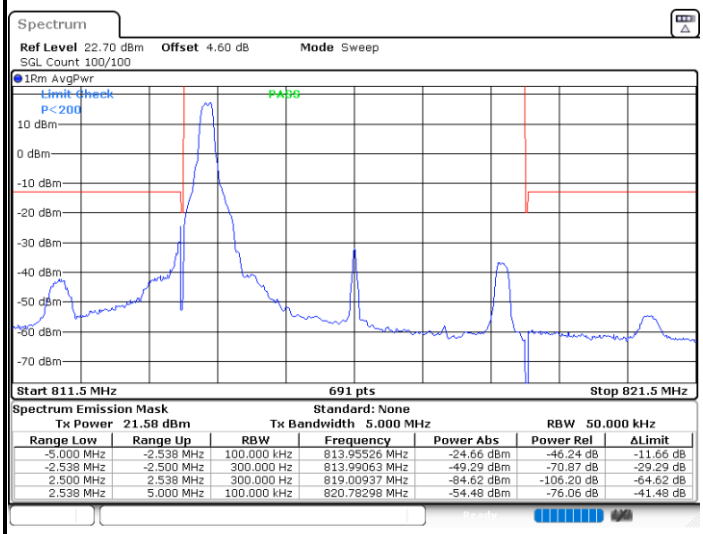
Tx Power 21.62 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 818.95526 MHz | -31.19 dBm | -52.81 dB | -18.19 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 818.99063 MHz | -55.44 dBm | -77.06 dB | -35.44 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 824.00937 MHz | -56.01 dBm | -77.63 dB | -36.01 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 824.07371 MHz | -33.12 dBm | -54.74 dB | -20.12 dB |

Date: 24.FEB.2023 13:22:14

## LTE Band 26 / 5MHz / 64QAM

### Lowest Band Edge / 1RB



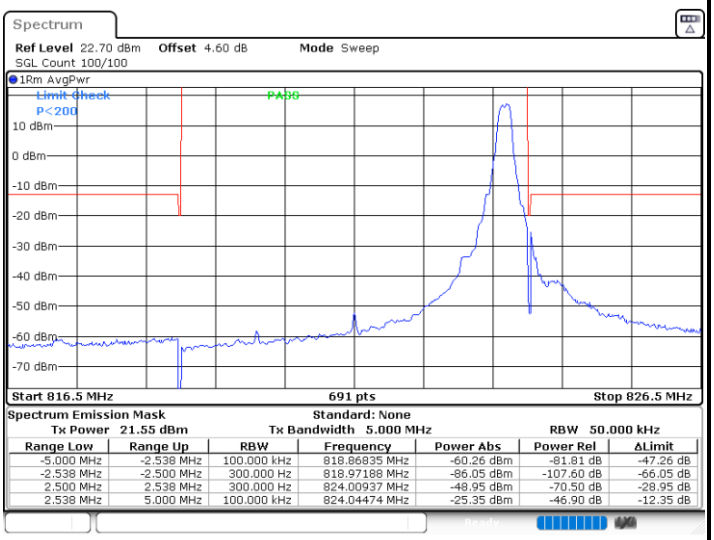

Spectrum Emission Mask — Standard: None

Tx Power 21.58 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 813.95526 MHz | -24.66 dBm | -46.24 dB | -11.66 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 813.99063 MHz | -49.29 dBm | -70.87 dB | -29.29 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 819.00937 MHz | -84.62 dBm | -106.20 dB | -64.62 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 820.78298 MHz | -54.48 dBm | -76.06 dB | -41.48 dB |

Date: 24.FEB.2023 13:10:48

### Highest Band Edge / 1 RB



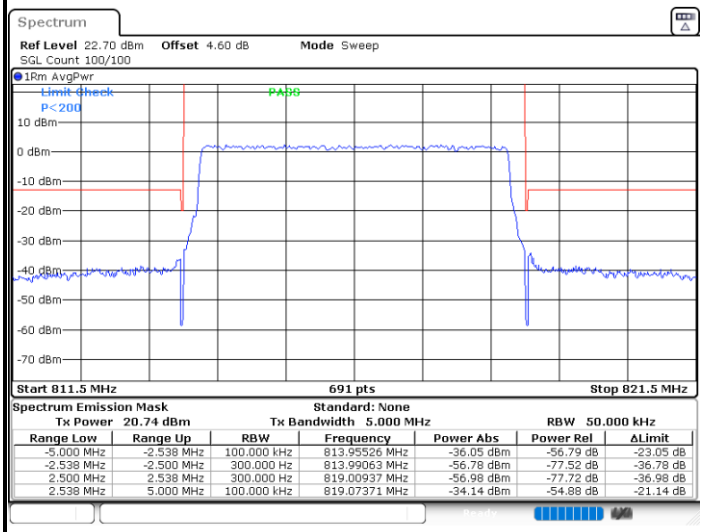

Spectrum Emission Mask — Standard: None

Tx Power 21.55 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 818.86835 MHz | -60.26 dBm | -81.81 dB | -47.26 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 818.97188 MHz | -86.05 dBm | -107.60 dB | -66.05 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 824.00937 MHz | -48.95 dBm | -70.50 dB | -28.95 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 824.04474 MHz | -25.35 dBm | -46.90 dB | -12.35 dB |

Date: 24.FEB.2023 13:19:45

### Lowest Band Edge / Full RB



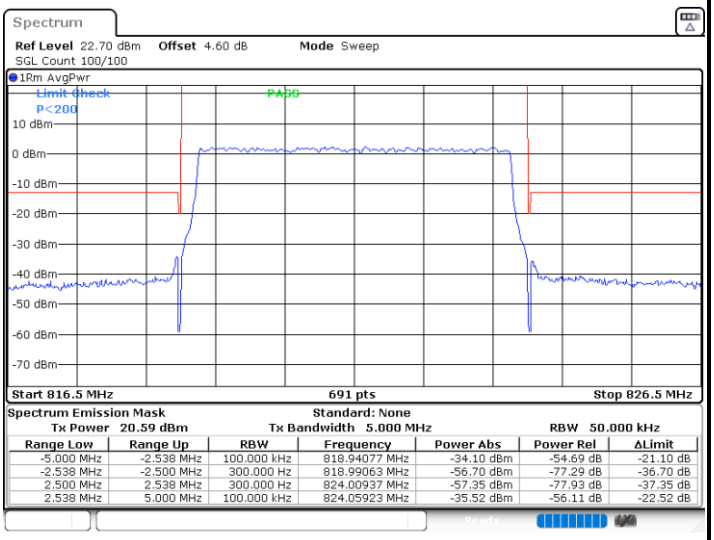

Spectrum Emission Mask — Standard: None

Tx Power 20.74 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 813.95526 MHz | -36.05 dBm | -56.79 dB | -23.05 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 813.99063 MHz | -56.78 dBm | -77.52 dB | -36.78 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 819.00937 MHz | -56.98 dBm | -77.72 dB | -36.98 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 819.07371 MHz | -34.14 dBm | -54.88 dB | -21.14 dB |

Date: 24.FEB.2023 13:14:08

### Highest Band Edge / Full RB




Spectrum Emission Mask — Standard: None

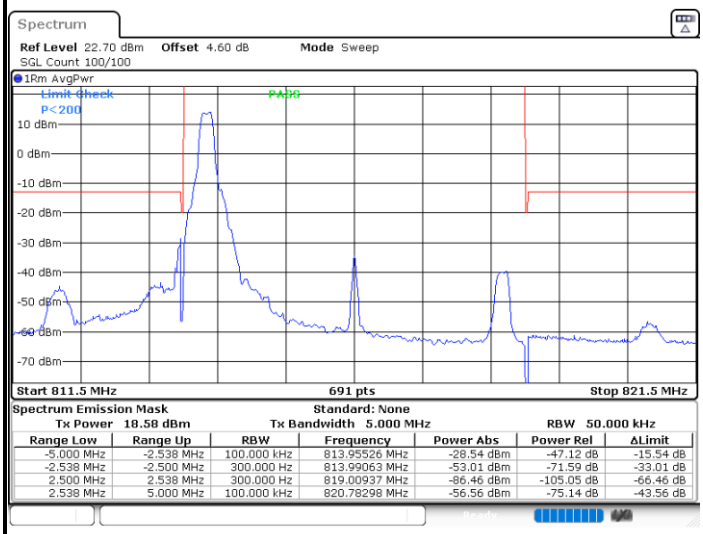
Tx Power 20.59 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 818.94077 MHz | -34.10 dBm | -54.69 dB | -21.10 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 818.99063 MHz | -56.70 dBm | -77.29 dB | -36.70 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 824.00937 MHz | -57.35 dBm | -77.93 dB | -37.35 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 824.05923 MHz | -35.52 dBm | -56.11 dB | -22.52 dB |

Date: 24.FEB.2023 13:23:04

## LTE Band 26 / 5MHz / 256QAM

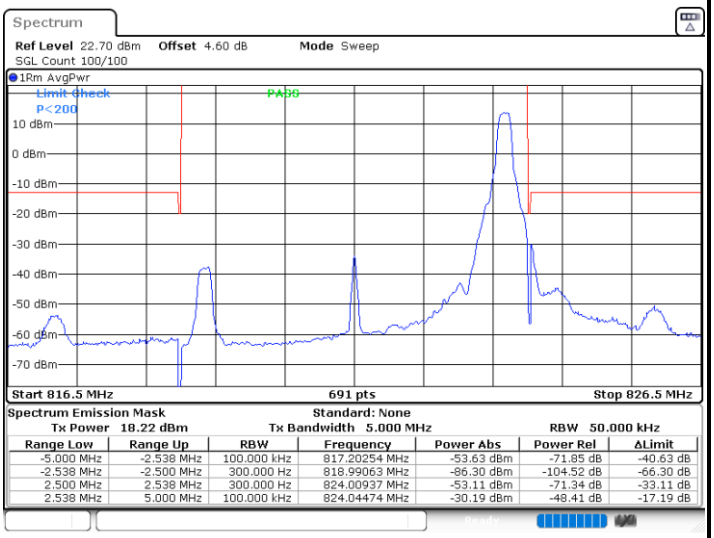
### Lowest Band Edge / 1RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 813.95526 MHz | -28.54 dBm | -47.12 dB | -15.54 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 813.99063 MHz | -53.01 dBm | -71.59 dB | -33.01 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 819.00937 MHz | -86.46 dBm | -105.05 dB | -66.46 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 820.78298 MHz | -56.56 dBm | -75.14 dB | -43.56 dB |

Date: 24.FEB.2023 13:11:38

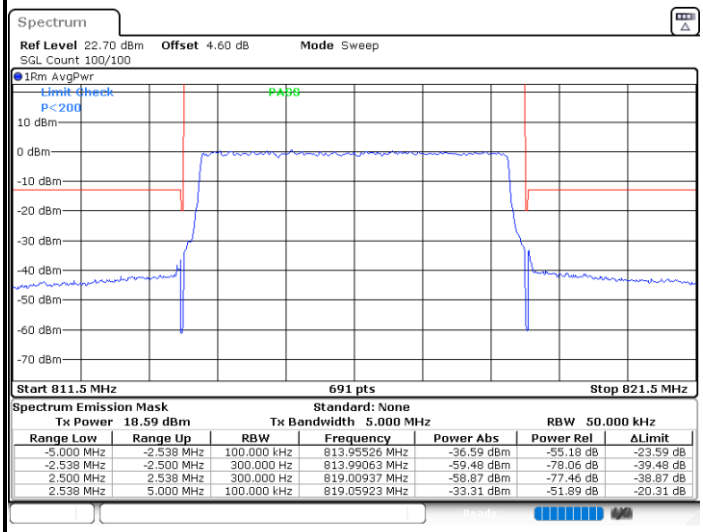
### Highest Band Edge / 1 RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 817.20254 MHz | -53.63 dBm | -71.85 dB | -40.63 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 818.99063 MHz | -86.30 dBm | -104.52 dB | -66.30 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 824.00937 MHz | -53.11 dBm | -71.34 dB | -33.11 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 824.04474 MHz | -30.19 dBm | -48.41 dB | -17.19 dB |

Date: 24.FEB.2023 13:20:35

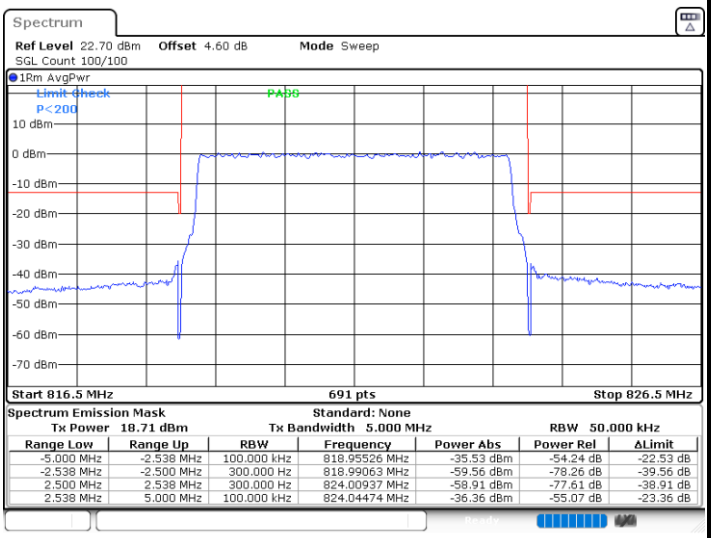
### Lowest Band Edge / Full RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 813.95526 MHz | -36.59 dBm | -55.18 dB | -23.59 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 813.99063 MHz | -59.48 dBm | -78.06 dB | -39.48 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 819.00937 MHz | -58.87 dBm | -77.46 dB | -38.87 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 819.05923 MHz | -33.31 dBm | -51.89 dB | -20.31 dB |

Date: 24.FEB.2023 13:14:57

### Highest Band Edge / Full RB

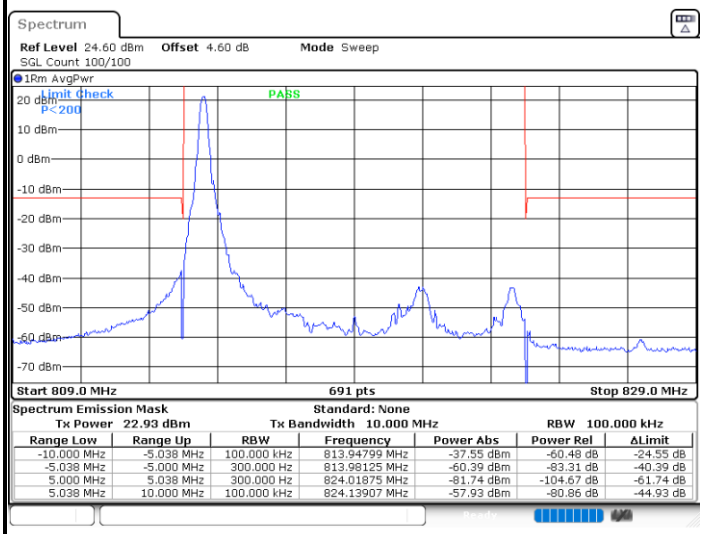



| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -5.000 MHz | -2.538 MHz | 100.000 kHz | 818.95526 MHz | -35.53 dBm | -54.24 dB | -22.53 dB |
| -2.538 MHz | -2.500 MHz | 300.000 Hz | 818.99063 MHz | -59.56 dBm | -78.26 dB | -39.56 dB |
| 2.500 MHz | 2.538 MHz | 300.000 Hz | 824.00937 MHz | -58.91 dBm | -77.61 dB | -38.91 dB |
| 2.538 MHz | 5.000 MHz | 100.000 kHz | 824.04474 MHz | -36.36 dBm | -55.07 dB | -23.36 dB |

Date: 24.FEB.2023 13:23:54

## LTE Band 26 / 10MHz / QPSK

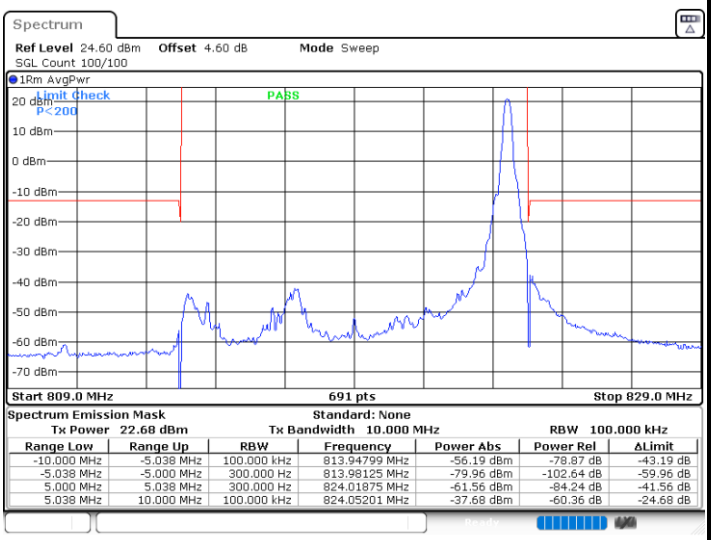
### Middle Band Edge / 1 RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.94799 MHz | -37.55 dBm | -60.48 dB | -24.55 dB |
| -5.038 MHz | -5.000 MHz | 300.000 Hz | 813.98125 MHz | -60.39 dBm | -83.31 dB | -40.39 dB |
| 5.000 MHz | 5.038 MHz | 300.000 Hz | 824.01875 MHz | -81.74 dBm | -104.67 dB | -61.74 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.13907 MHz | -57.93 dBm | -80.86 dB | -44.93 dB |

Date: 24.FEB.2023 13:29:30

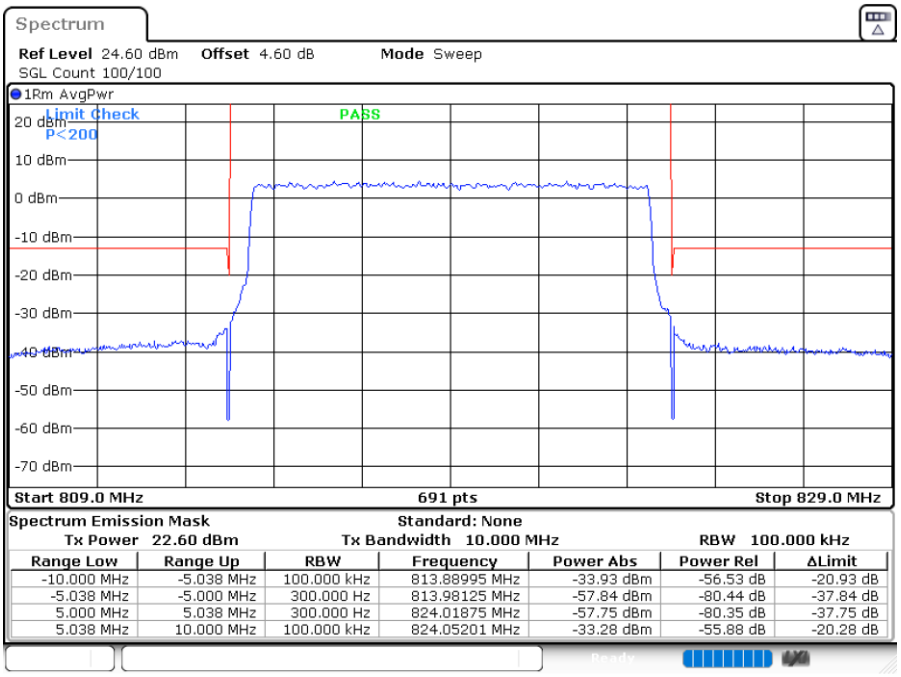
### Middle Band Edge / 1 RB max




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.94799 MHz | -56.19 dBm | -78.87 dB | -43.19 dB |
| -5.038 MHz | -5.000 MHz | 300.000 Hz | 813.98125 MHz | -79.96 dBm | -102.64 dB | -59.96 dB |
| 5.000 MHz | 5.038 MHz | 300.000 Hz | 824.01875 MHz | -61.56 dBm | -84.24 dB | -41.56 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.05201 MHz | -37.68 dBm | -60.36 dB | -24.68 dB |

Date: 24.FEB.2023 13:34:56

### Band Edge / Full RB

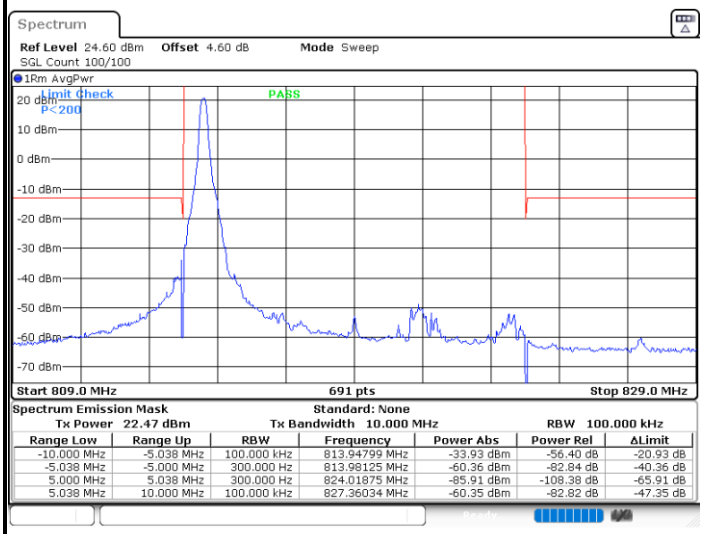



| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.88995 MHz | -33.93 dBm | -56.53 dB | -20.93 dB |
| -5.038 MHz | -5.000 MHz | 300.000 Hz | 813.98125 MHz | -57.84 dBm | -80.44 dB | -37.84 dB |
| 5.000 MHz | 5.038 MHz | 300.000 Hz | 824.01875 MHz | -57.75 dBm | -80.35 dB | -37.75 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.05201 MHz | -33.28 dBm | -55.88 dB | -20.28 dB |

Date: 24.FEB.2023 13:38:19

## LTE Band 26 / 10MHz / 16QAM

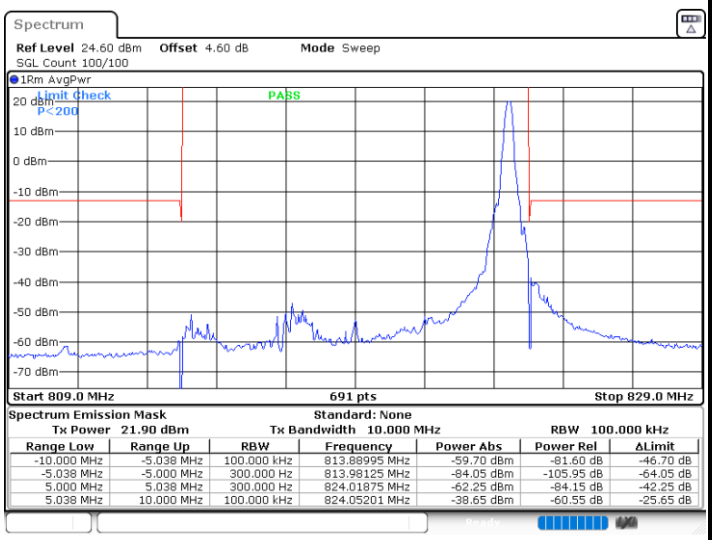
### Middle Band Edge / 1 RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.94799 MHz | -33.93 dBm | -56.40 dB | -20.93 dB |
| -5.038 MHz | -5.000 MHz | 300.000 Hz | 813.98125 MHz | -60.36 dBm | -82.84 dB | -40.36 dB |
| 5.000 MHz | 5.038 MHz | 300.000 Hz | 824.01875 MHz | -85.91 dBm | -108.38 dB | -65.91 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 827.36034 MHz | -60.35 dBm | -82.82 dB | -47.35 dB |

Date: 24.FEB.2023 13:30:20

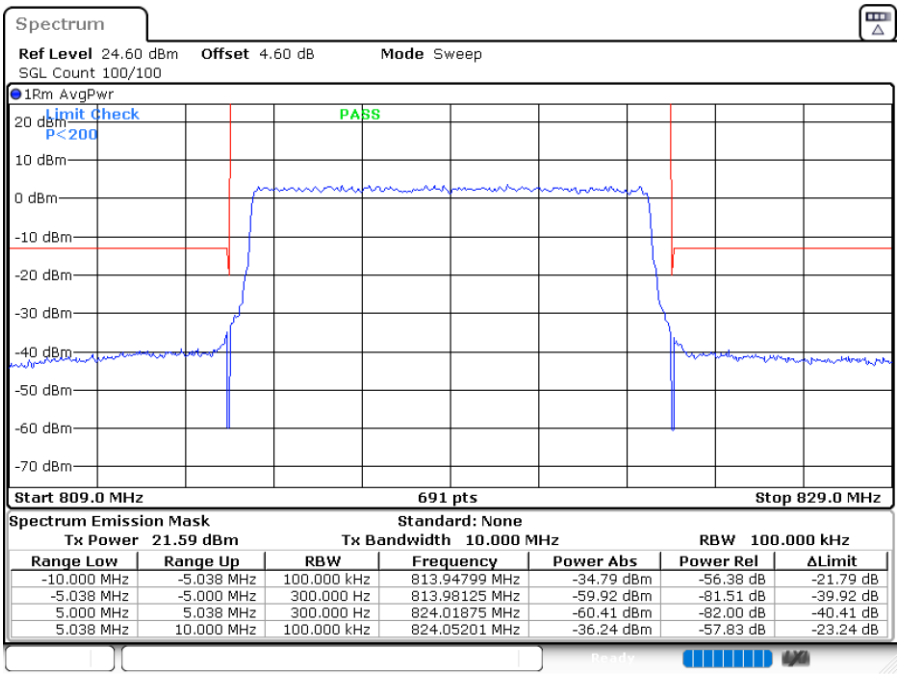
### Middle Band Edge / 1 RB max




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.88995 MHz | -59.70 dBm | -81.60 dB | -46.70 dB |
| -5.038 MHz | -5.000 MHz | 300.000 Hz | 813.98125 MHz | -84.05 dBm | -105.95 dB | -64.05 dB |
| 5.000 MHz | 5.038 MHz | 300.000 Hz | 824.01875 MHz | -62.25 dBm | -84.15 dB | -42.25 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.05201 MHz | -38.65 dBm | -60.55 dB | -25.65 dB |

Date: 24.FEB.2023 13:35:47

### Band Edge / Full RB

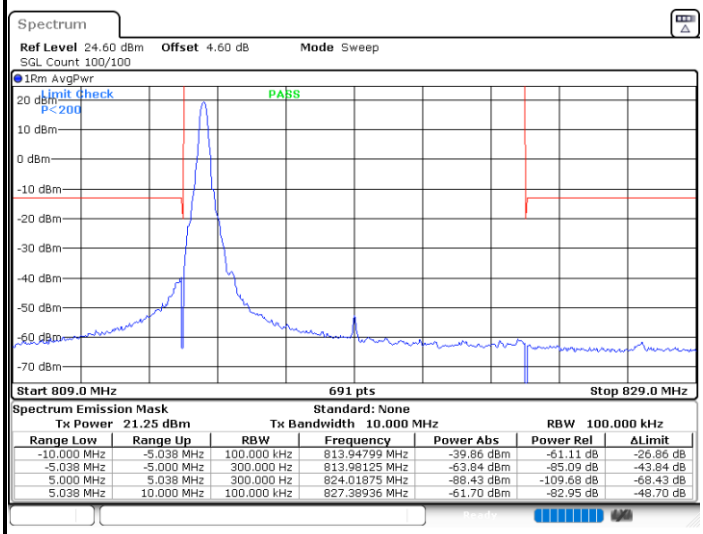



| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.94799 MHz | -34.79 dBm | -56.38 dB | -21.79 dB |
| -5.038 MHz | -5.000 MHz | 300.000 Hz | 813.98125 MHz | -59.92 dBm | -81.51 dB | -39.92 dB |
| 5.000 MHz | 5.038 MHz | 300.000 Hz | 824.01875 MHz | -60.41 dBm | -82.00 dB | -40.41 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.05201 MHz | -36.24 dBm | -57.83 dB | -23.24 dB |

Date: 24.FEB.2023 13:39:08

## LTE Band 26 / 10MHz / 64QAM

### Middle Band Edge / 1 RB

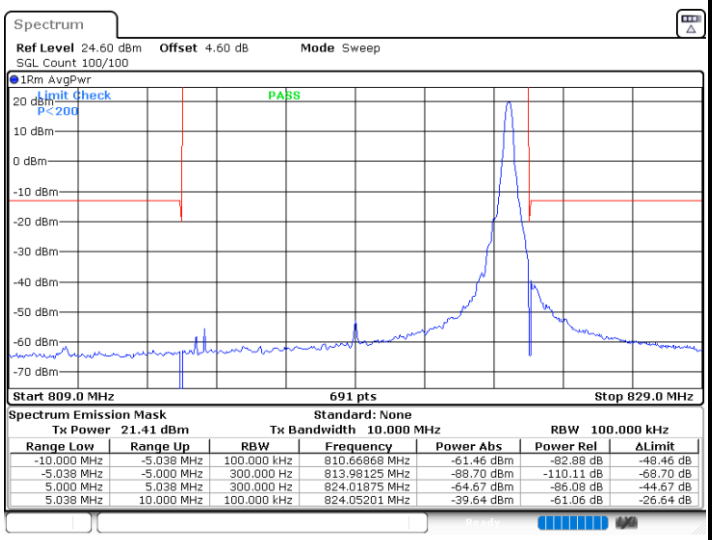



Spectrum Emission Mask Standard: None
Tx Power 21.25 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.94799 MHz | -39.86 dBm | -61.11 dB | -26.86 dB |
| -5.038 MHz | -5.000 MHz | 300.000 Hz | 813.98125 MHz | -63.84 dBm | -85.09 dB | -43.84 dB |
| 5.000 MHz | 5.038 MHz | 300.000 Hz | 824.01875 MHz | -88.43 dBm | -109.68 dB | -68.43 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 827.38936 MHz | -61.70 dBm | -82.95 dB | -48.70 dB |

Date: 24.FEB.2023 13:31:09

### Middle Band Edge / 1 RB max

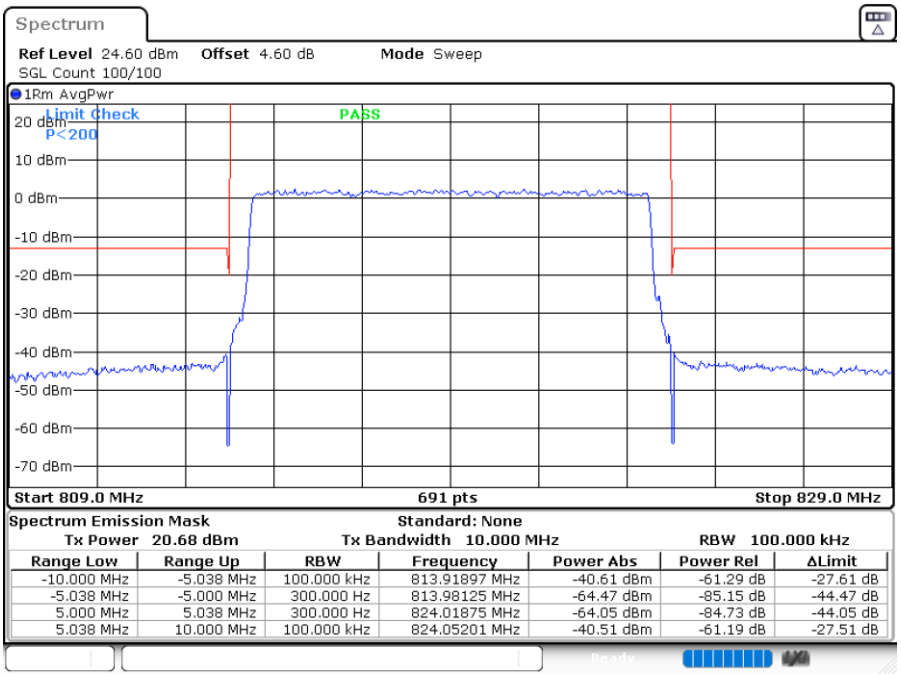



Spectrum Emission Mask Standard: None
Tx Power 21.41 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 810.66868 MHz | -61.46 dBm | -82.88 dB | -48.46 dB |
| -5.038 MHz | -5.000 MHz | 300.000 Hz | 813.98125 MHz | -88.70 dBm | -110.11 dB | -68.70 dB |
| 5.000 MHz | 5.038 MHz | 300.000 Hz | 824.01875 MHz | -64.67 dBm | -86.08 dB | -44.67 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.05201 MHz | -39.64 dBm | -61.06 dB | -26.64 dB |

Date: 24.FEB.2023 13:36:37

### Band Edge / Full RB



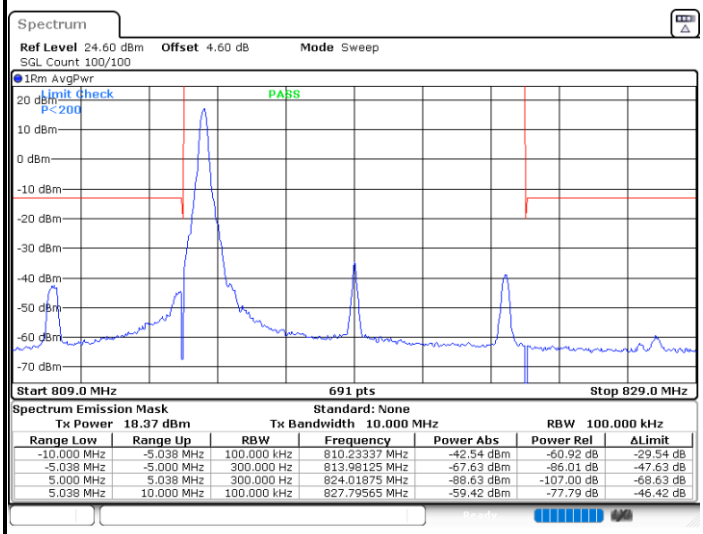

Spectrum Emission Mask Standard: None
Tx Power 20.68 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.91897 MHz | -40.61 dBm | -61.29 dB | -27.61 dB |
| -5.038 MHz | -5.000 MHz | 300.000 Hz | 813.98125 MHz | -64.47 dBm | -85.15 dB | -44.47 dB |
| 5.000 MHz | 5.038 MHz | 300.000 Hz | 824.01875 MHz | -64.05 dBm | -84.73 dB | -44.05 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.05201 MHz | -40.51 dBm | -61.19 dB | -27.51 dB |

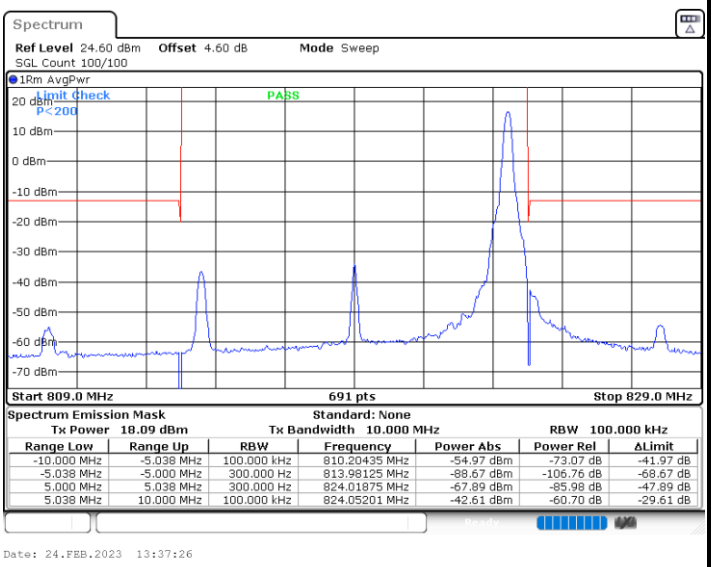
Date: 24.FEB.2023 13:39:58

## LTE Band 26 / 10MHz / 256QAM

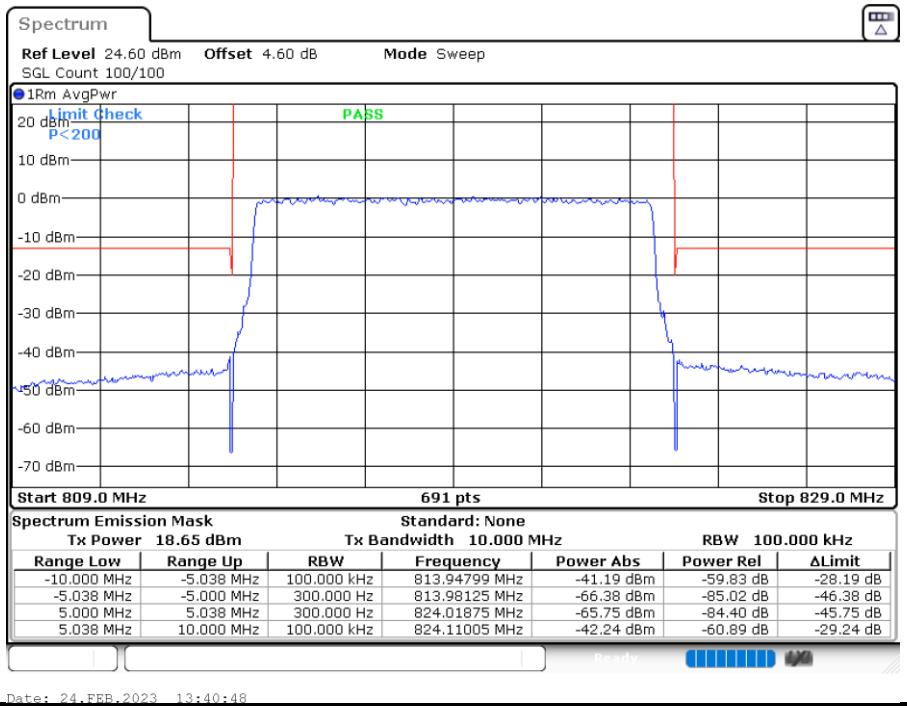
### Middle Band Edge / 1 RB




### Middle Band Edge / 1 RB max

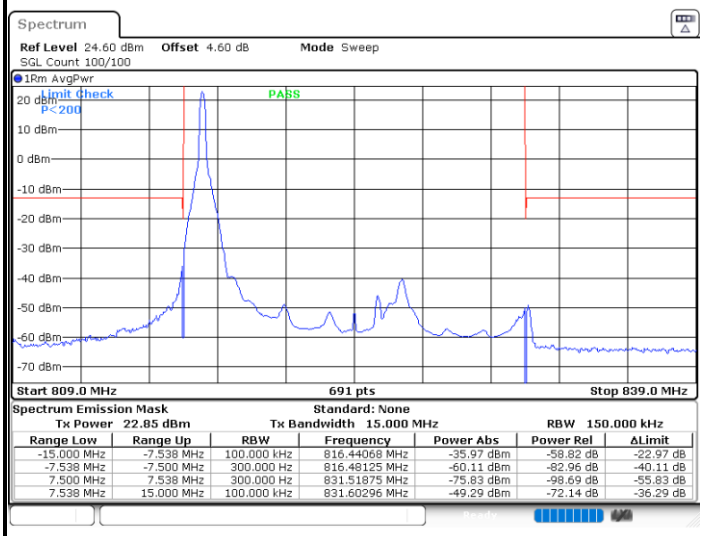



### Band Edge / Full RB



## LTE Band 26 / 15MHz / QPSK

### Highest Band Edge / 1 RB

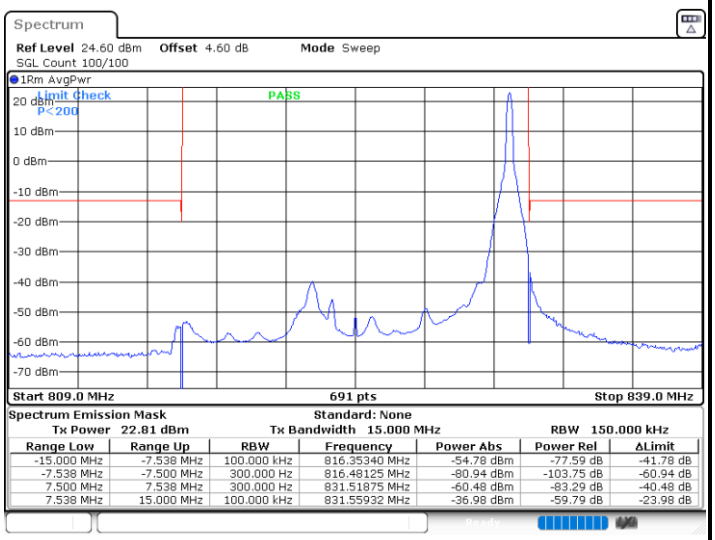



Spectrum Emission Mask Standard: None
Tx Power 22.85 dBm Tx Bandwidth 15.000 MHz RBW 150.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 816.44068 MHz | -35.97 dBm | -58.82 dB | -22.97 dB |
| -7.538 MHz | -7.500 MHz | 300.000 Hz | 816.48125 MHz | -60.11 dBm | -82.96 dB | -40.11 dB |
| 7.500 MHz | 7.538 MHz | 300.000 Hz | 831.51875 MHz | -75.83 dBm | -98.69 dB | -55.83 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 831.60296 MHz | -49.29 dBm | -72.14 dB | -36.29 dB |

Date: 24.FEB.2023 17:13:21

### Highest Band Edge / 1 RB max

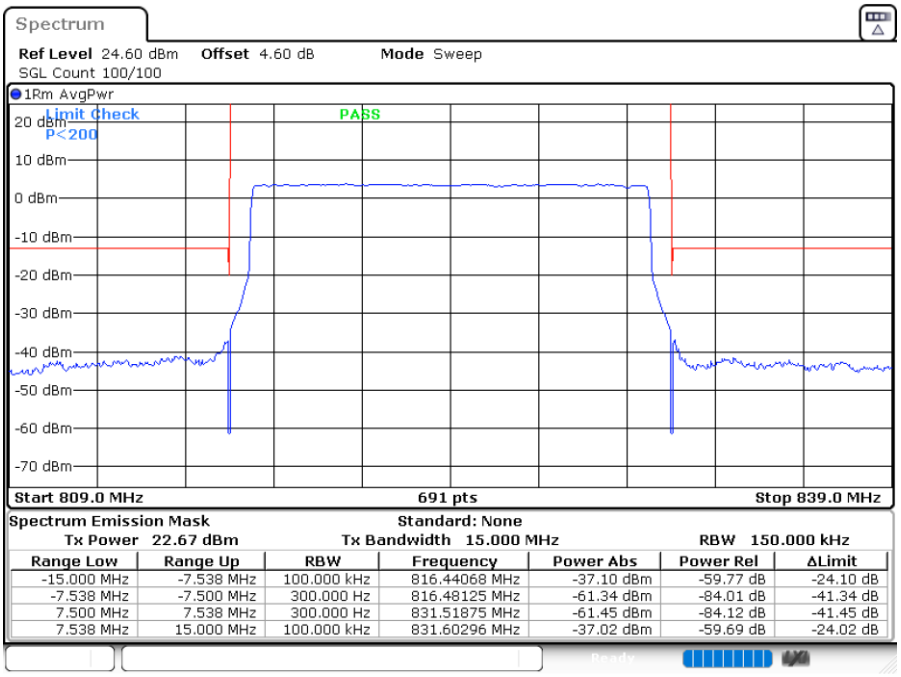



Spectrum Emission Mask Standard: None
Tx Power 22.81 dBm Tx Bandwidth 15.000 MHz RBW 150.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 816.35340 MHz | -54.78 dBm | -77.59 dB | -41.78 dB |
| -7.538 MHz | -7.500 MHz | 300.000 Hz | 816.48125 MHz | -80.94 dBm | -103.75 dB | -60.94 dB |
| 7.500 MHz | 7.538 MHz | 300.000 Hz | 831.51875 MHz | -60.48 dBm | -83.29 dB | -40.48 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 831.55932 MHz | -36.98 dBm | -59.79 dB | -23.98 dB |

Date: 24.FEB.2023 17:20:19

### Band Edge / Full RB



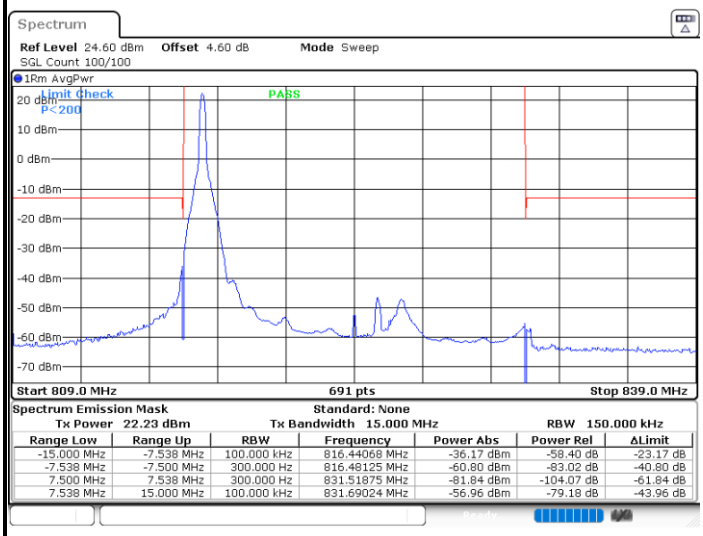

Spectrum Emission Mask Standard: None
Tx Power 22.67 dBm Tx Bandwidth 15.000 MHz RBW 150.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 816.44068 MHz | -37.10 dBm | -59.77 dB | -24.10 dB |
| -7.538 MHz | -7.500 MHz | 300.000 Hz | 816.48125 MHz | -61.34 dBm | -84.01 dB | -41.34 dB |
| 7.500 MHz | 7.538 MHz | 300.000 Hz | 831.51875 MHz | -61.45 dBm | -84.12 dB | -41.45 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 831.60296 MHz | -37.02 dBm | -59.69 dB | -24.02 dB |

Date: 24.FEB.2023 17:21:17

## LTE Band 26 / 15MHz / 16QAM

### Highest Band Edge / 1 RB

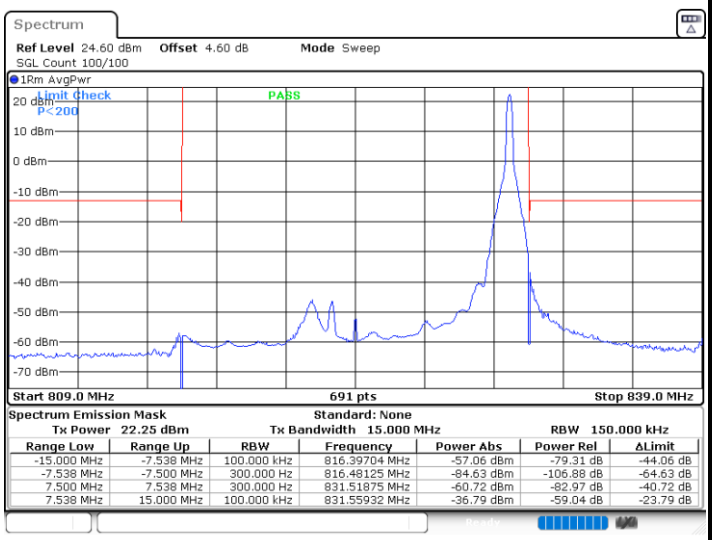



Spectrum Emission Mask Standard: None
Tx Power 22.23 dBm Tx Bandwidth 15.000 MHz RBW 150.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 816.44068 MHz | -36.17 dBm | -58.40 dB | -23.17 dB |
| -7.538 MHz | -7.500 MHz | 300.000 Hz | 816.48125 MHz | -60.80 dBm | -83.02 dB | -40.80 dB |
| 7.500 MHz | 7.538 MHz | 300.000 Hz | 831.51875 MHz | -81.84 dBm | -104.07 dB | -61.84 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 831.69024 MHz | -56.96 dBm | -79.18 dB | -43.96 dB |

Date: 24.FEB.2023 17:14:14

### Highest Band Edge / 1 RB max

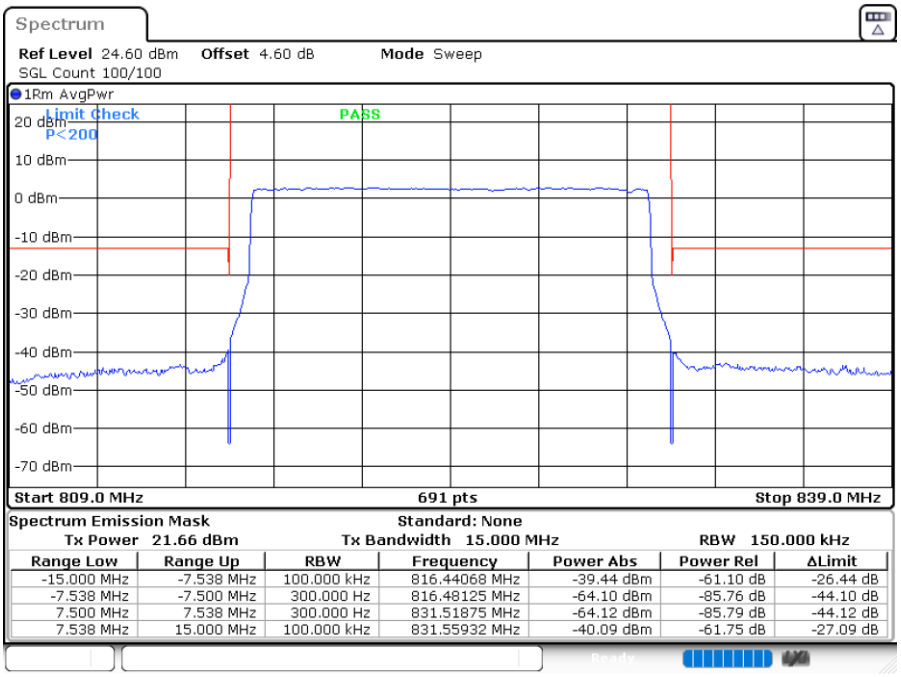



Spectrum Emission Mask Standard: None
Tx Power 22.25 dBm Tx Bandwidth 15.000 MHz RBW 150.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 816.39704 MHz | -57.06 dBm | -79.31 dB | -44.06 dB |
| -7.538 MHz | -7.500 MHz | 300.000 Hz | 816.48125 MHz | -84.63 dBm | -106.88 dB | -64.63 dB |
| 7.500 MHz | 7.538 MHz | 300.000 Hz | 831.51875 MHz | -60.72 dBm | -82.97 dB | -40.72 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 831.55932 MHz | -36.79 dBm | -59.04 dB | -23.79 dB |

Date: 24.FEB.2023 17:19:27

### Band Edge / Full RB



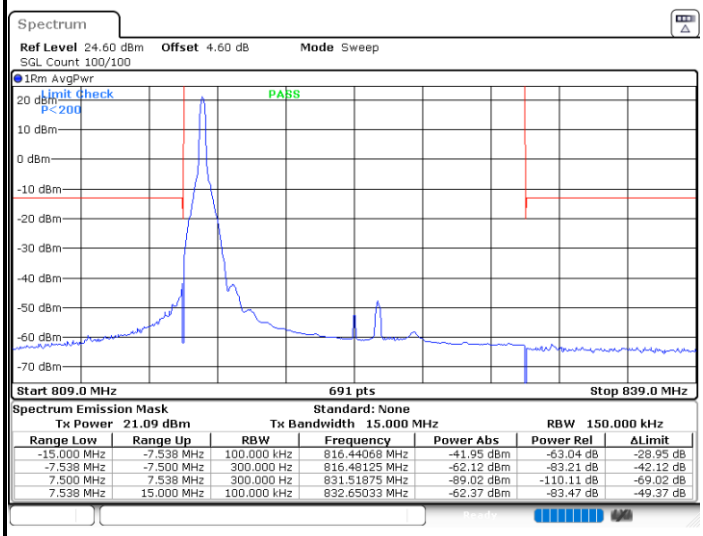

Spectrum Emission Mask Standard: None
Tx Power 21.66 dBm Tx Bandwidth 15.000 MHz RBW 150.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 816.44068 MHz | -39.44 dBm | -61.10 dB | -26.44 dB |
| -7.538 MHz | -7.500 MHz | 300.000 Hz | 816.48125 MHz | -64.10 dBm | -85.76 dB | -44.10 dB |
| 7.500 MHz | 7.538 MHz | 300.000 Hz | 831.51875 MHz | -64.12 dBm | -85.79 dB | -44.12 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 831.55932 MHz | -40.09 dBm | -61.75 dB | -27.09 dB |

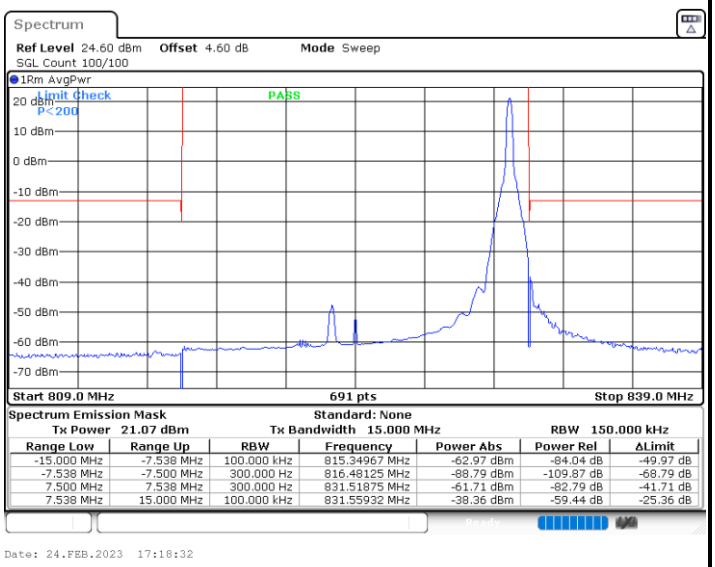
Date: 24.FEB.2023 17:24:01

## LTE Band 26 / 15MHz / 64QAM

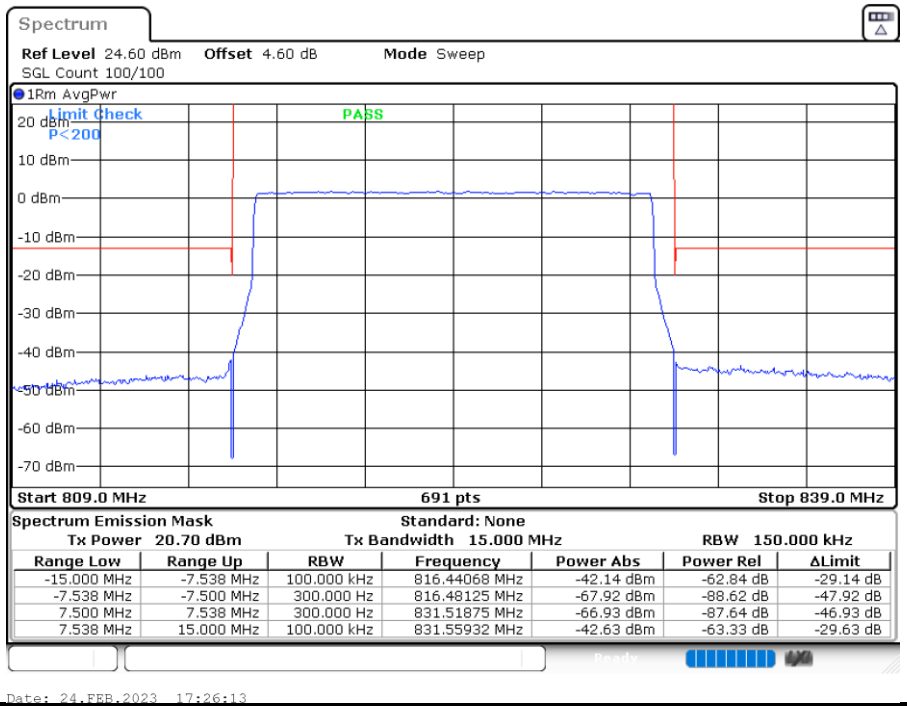
### Highest Band Edge / 1 RB




### Highest Band Edge / 1 RB max

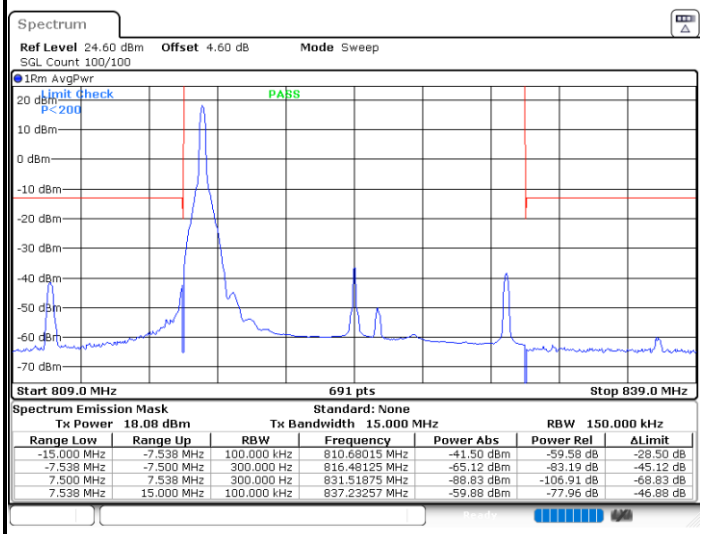



### Band Edge / Full RB



## LTE Band 26 / 15MHz / 256QAM

### Highest Band Edge / 1 RB

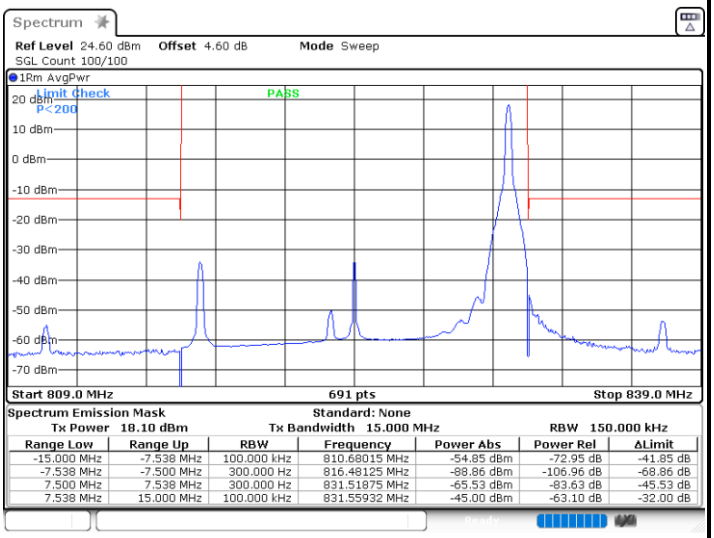



Spectrum Emission Mask Standard: None
Tx Power 18.08 dBm Tx Bandwidth 15.000 MHz RBW 150.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 810.68015 MHz | -41.50 dBm | -59.58 dB | -28.50 dB |
| -7.538 MHz | -7.500 MHz | 300.000 Hz | 816.48125 MHz | -65.12 dBm | -83.19 dB | -45.12 dB |
| 7.500 MHz | 7.538 MHz | 300.000 Hz | 831.51875 MHz | -88.83 dBm | -106.91 dB | -68.83 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 837.23257 MHz | -59.88 dBm | -77.96 dB | -46.88 dB |

Date: 24.FEB.2023 17:16:10

### Highest Band Edge / 1 RB max

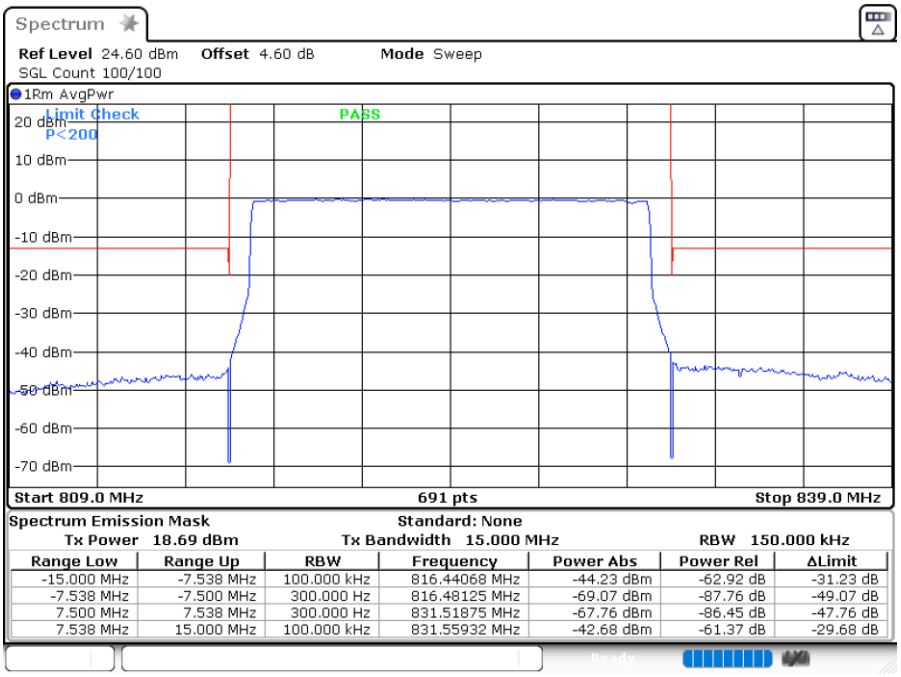



Spectrum Emission Mask Standard: None
Tx Power 18.10 dBm Tx Bandwidth 15.000 MHz RBW 150.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 810.68015 MHz | -54.85 dBm | -72.95 dB | -41.85 dB |
| -7.538 MHz | -7.500 MHz | 300.000 Hz | 816.48125 MHz | -88.86 dBm | -106.96 dB | -68.86 dB |
| 7.500 MHz | 7.538 MHz | 300.000 Hz | 831.51875 MHz | -65.53 dBm | -83.63 dB | -45.53 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 831.55932 MHz | -45.00 dBm | -63.10 dB | -32.00 dB |

Date: 24.FEB.2023 17:17:37

### Band Edge / Full RB




Spectrum Emission Mask Standard: None
Tx Power 18.69 dBm Tx Bandwidth 15.000 MHz RBW 150.000 kHz

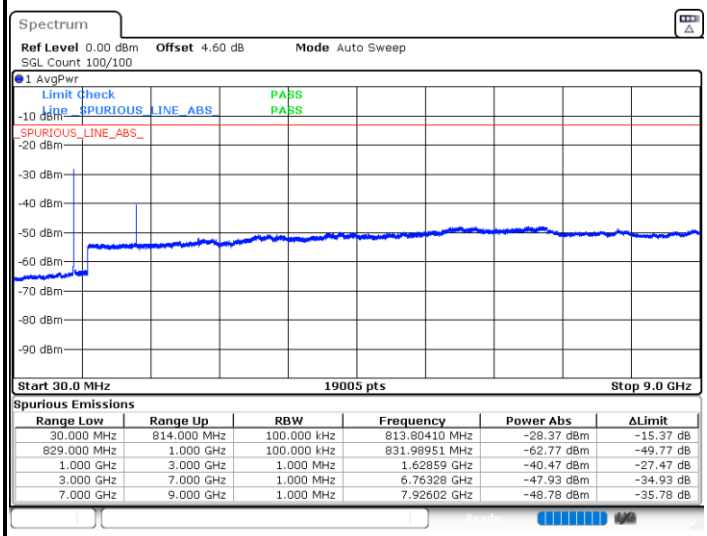
| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 816.44068 MHz | -44.23 dBm | -62.92 dB | -31.23 dB |
| -7.538 MHz | -7.500 MHz | 300.000 Hz | 816.48125 MHz | -69.07 dBm | -87.76 dB | -49.07 dB |
| 7.500 MHz | 7.538 MHz | 300.000 Hz | 831.51875 MHz | -67.76 dBm | -86.45 dB | -47.76 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 831.55932 MHz | -42.68 dBm | -61.37 dB | -29.68 dB |

Date: 24.FEB.2023 17:27:46

# Conducted Spurious Emission

## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK

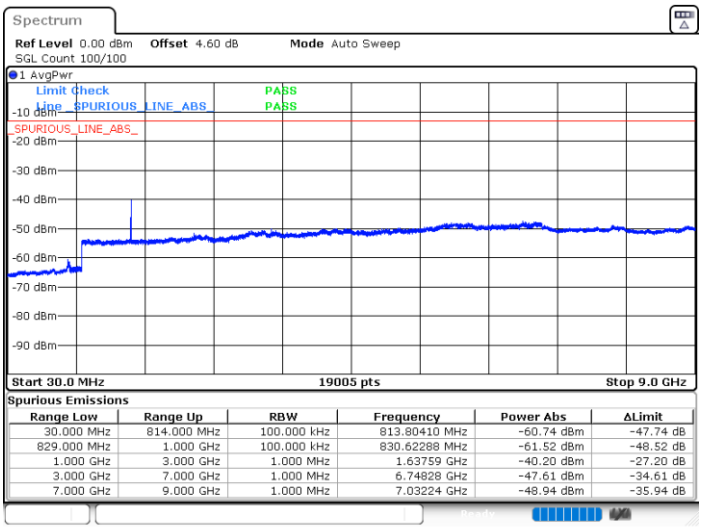



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.80410 MHz | -28.37 dBm | -15.37 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 831.98951 MHz | -62.77 dBm | -49.77 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62859 GHz | -40.47 dBm | -27.47 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.76328 GHz | -47.93 dBm | -34.93 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.92602 GHz | -48.78 dBm | -35.78 dB |

Date: 24.FEB.2023 12:05:33

### Middle Channel / QPSK

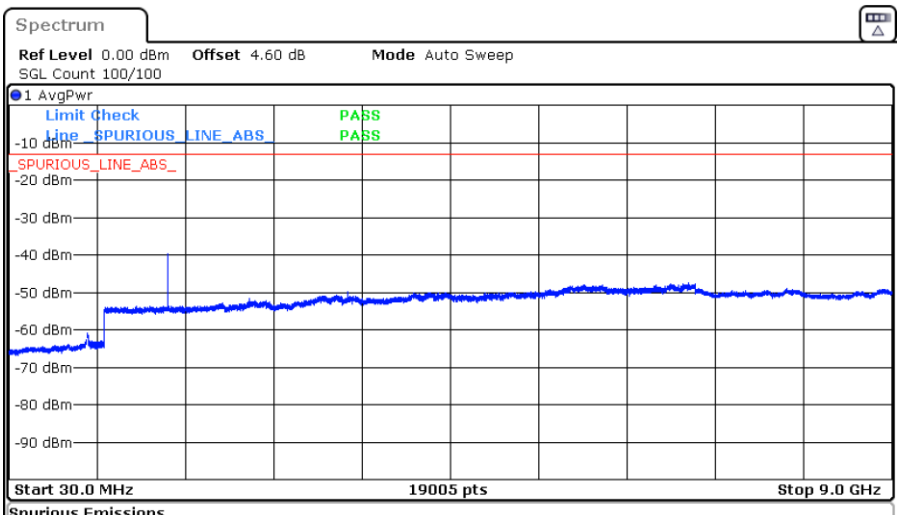



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.80410 MHz | -60.74 dBm | -47.74 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 830.62288 MHz | -61.52 dBm | -48.52 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63759 GHz | -40.20 dBm | -27.20 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.74828 GHz | -47.61 dBm | -34.61 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.03224 GHz | -48.94 dBm | -35.94 dB |

Date: 24.FEB.2023 12:04:13

### Highest Channel / QPSK



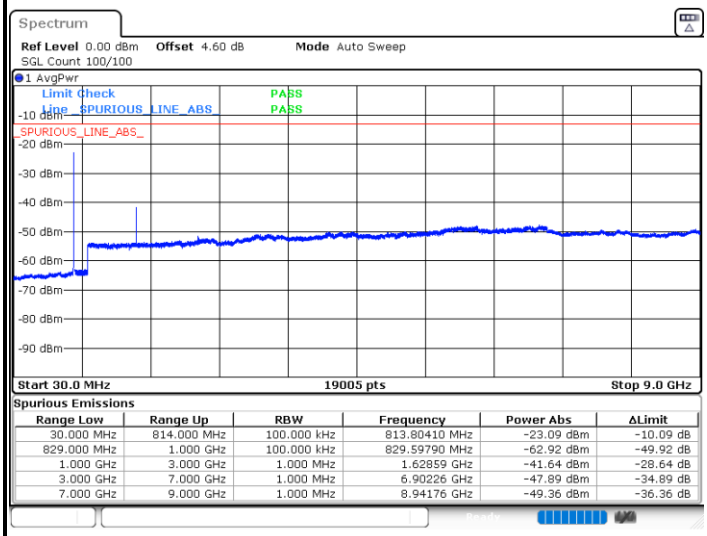

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.02049 MHz | -62.74 dBm | -49.74 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 829.76873 MHz | -60.93 dBm | -47.93 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64609 GHz | -39.78 dBm | -26.78 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.93476 GHz | -47.46 dBm | -34.46 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.03274 GHz | -48.81 dBm | -35.81 dB |

Date: 24.FEB.2023 12:02:52

## LTE Band 26 / 3MHz

### Lowest Channel / QPSK

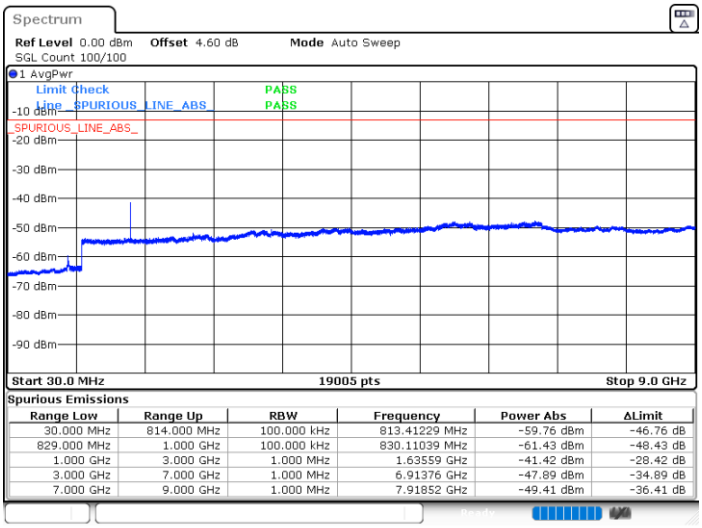



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.80410 MHz | -23.09 dBm | -10.09 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 829.59790 MHz | -62.92 dBm | -49.92 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62859 GHz | -41.64 dBm | -28.64 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.90226 GHz | -47.89 dBm | -34.89 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.94176 GHz | -49.36 dBm | -36.36 dB |

Date: 24.FEB.2023 12:26:09

### Middle Channel / QPSK

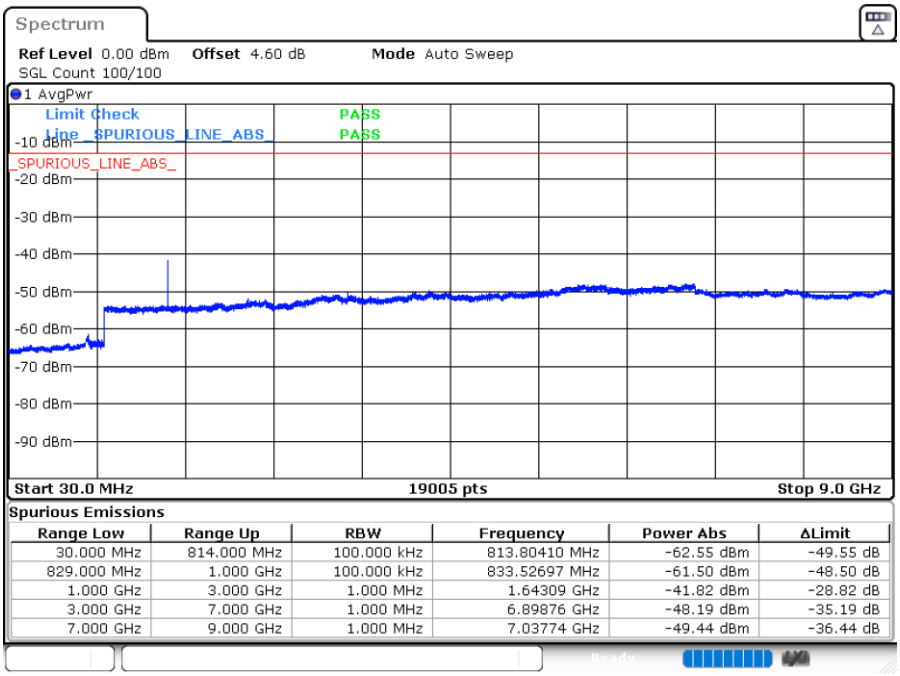



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.41229 MHz | -59.76 dBm | -46.76 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 830.11039 MHz | -61.43 dBm | -48.43 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63559 GHz | -41.42 dBm | -28.42 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.91376 GHz | -47.89 dBm | -34.89 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.91852 GHz | -49.41 dBm | -36.41 dB |

Date: 24.FEB.2023 12:24:48

### Highest Channel / QPSK



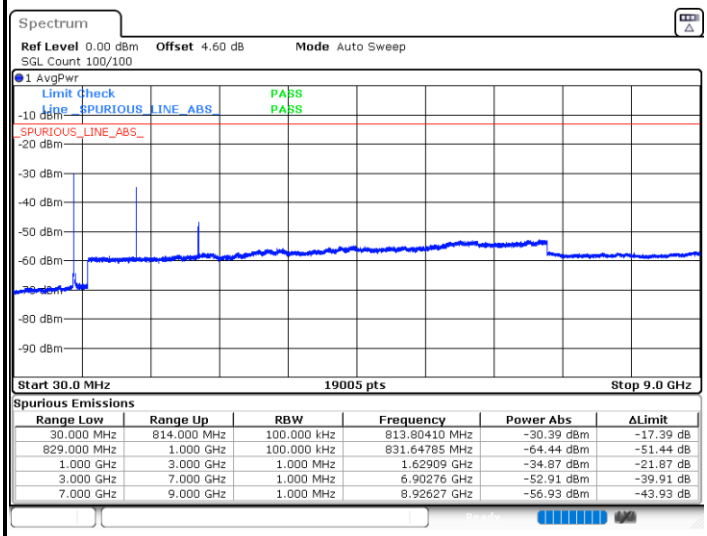

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.80410 MHz | -62.55 dBm | -49.55 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 833.52697 MHz | -61.50 dBm | -48.50 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64309 GHz | -41.82 dBm | -28.82 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.89876 GHz | -48.19 dBm | -35.19 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.03774 GHz | -49.44 dBm | -36.44 dB |

Date: 24.FEB.2023 12:23:27

## LTE Band 26 / 5MHz

### Lowest Channel / QPSK

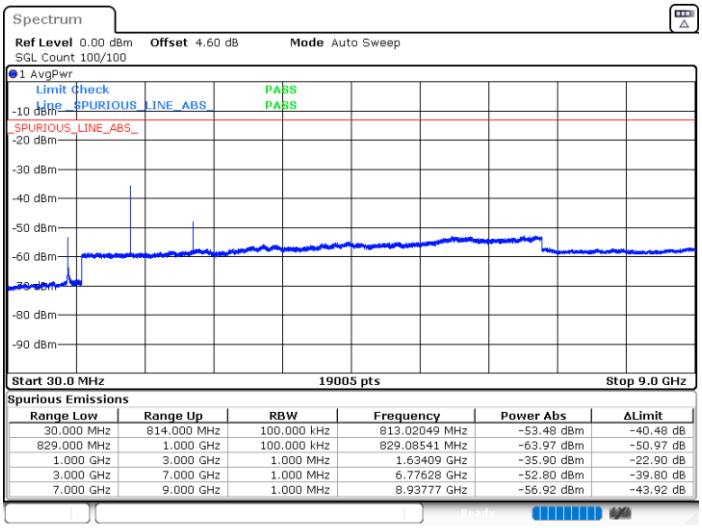



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.80410 MHz | -30.39 dBm | -17.39 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 831.64785 MHz | -64.44 dBm | -51.44 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62909 GHz | -34.87 dBm | -21.87 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.90276 GHz | -52.91 dBm | -39.91 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.92627 GHz | -56.93 dBm | -43.93 dB |

Date: 24.FEB.2023 13:08:19

### Middle Channel / QPSK

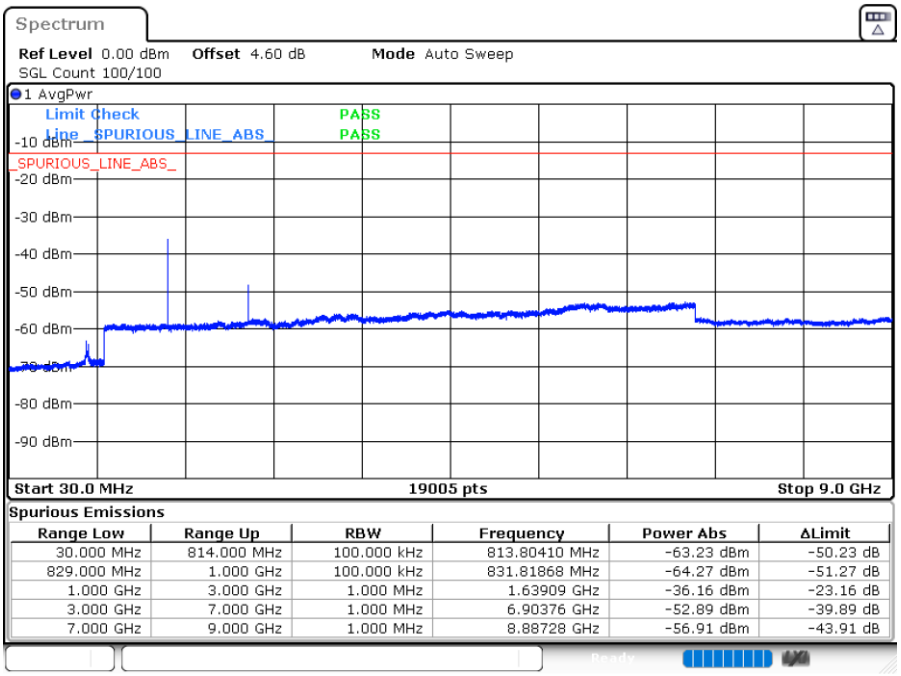



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.02049 MHz | -53.48 dBm | -40.48 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 829.08541 MHz | -63.97 dBm | -50.97 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63409 GHz | -35.90 dBm | -22.90 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.77628 GHz | -52.80 dBm | -39.80 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.93777 GHz | -56.92 dBm | -43.92 dB |

Date: 24.FEB.2023 13:06:57

### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.80410 MHz | -63.23 dBm | -50.23 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 831.81868 MHz | -64.27 dBm | -51.27 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63909 GHz | -36.16 dBm | -23.16 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.90376 GHz | -52.89 dBm | -39.89 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.88728 GHz | -56.91 dBm | -43.91 dB |

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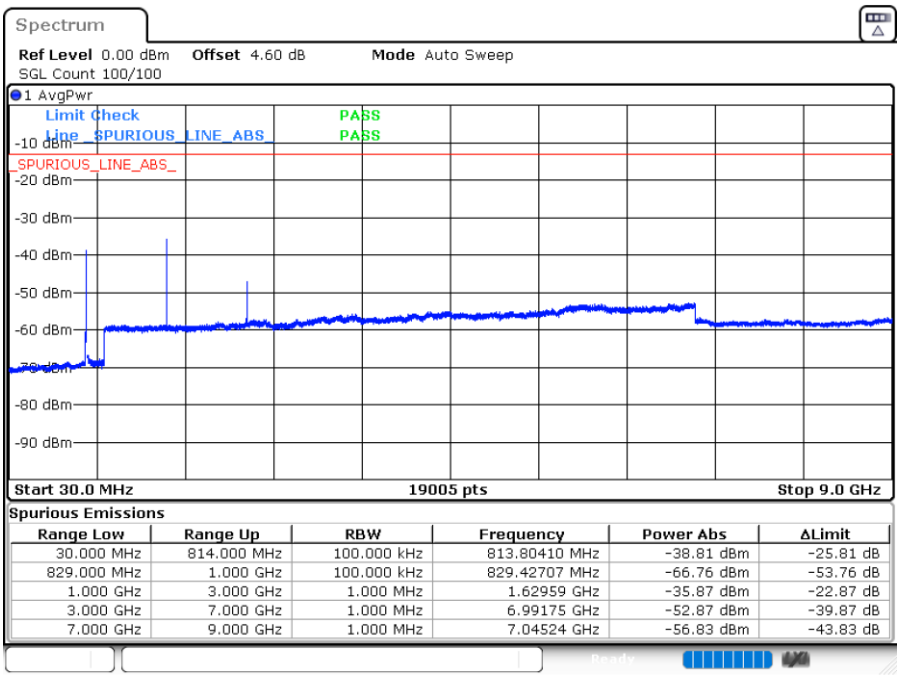
## LTE Band 26 / 10MHz

### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.80410 MHz | -38.81 dBm | -25.81 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 829.42707 MHz | -66.76 dBm | -53.76 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62959 GHz | -35.87 dBm | -22.87 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99175 GHz | -52.87 dBm | -39.87 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.04524 GHz | -56.83 dBm | -43.83 dB |

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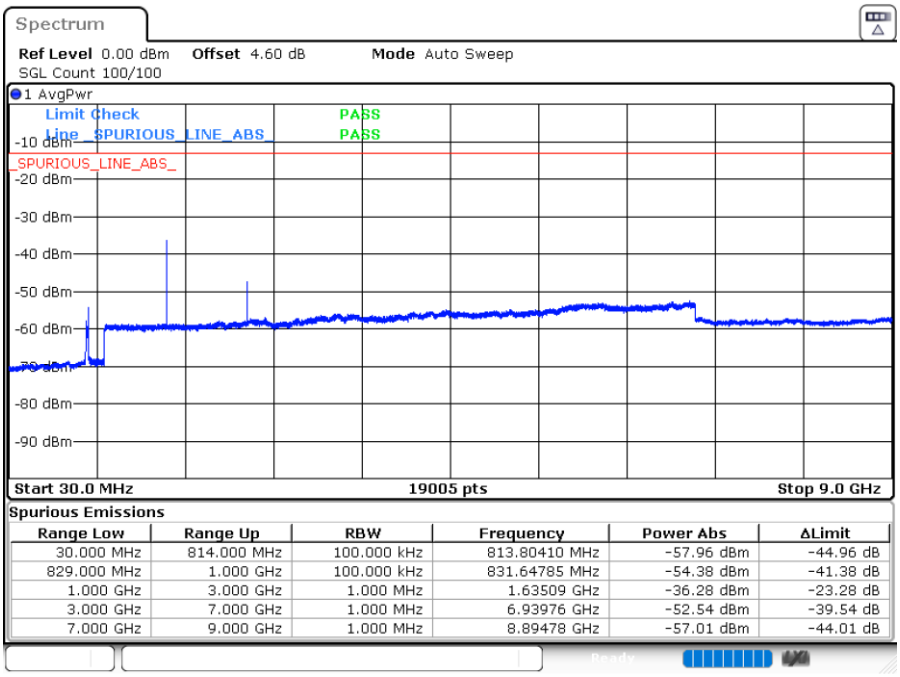
## LTE Band 26 / 15MHz

### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 814.000 MHz | 100.000 kHz | 813.80410 MHz | -57.96 dBm | -44.96 dB |
| 829.000 MHz | 1.000 GHz | 100.000 kHz | 831.64785 MHz | -54.38 dBm | -41.38 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63509 GHz | -36.28 dBm | -23.28 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.93976 GHz | -52.54 dBm | -39.54 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.89478 GHz | -57.01 dBm | -44.01 dB |

Date: 24.FEB.2023 17:12:12

# Frequency Stability

| Test Conditions | | LTE Band 26 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0028 | PASS |
| 40 | Normal Voltage | 0.0013 | |
| 30 | Normal Voltage | 0.0015 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0019 | |
| 0 | Normal Voltage | 0.0021 | |
| -10 | Normal Voltage | 0.0015 | |
| -20 | Normal Voltage | 0.0027 | |
| -30 | Normal Voltage | 0.0023 | |
| 20 | Maximum Voltage | 0.0018 | |
| 20 | Normal Voltage | 0.0015 | |
| 20 | Battery End Point | 0.0012 | |

**Note:**

1. Normal Voltage =3.86 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.43 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block

# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

| Test Engineer : | Carry Xu | Temperature : | 23~25℃ |
|---|---|---|---|
| | | Relative Humidity : | 41~42% |

| LTE Band 26 / 10MHz / QPSK | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 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 | 1632 | -62.80 | -13 | -49.80 | -69.77 | 1.58 | 10.70 | H |
| | 2440 | -61.52 | -13 | -48.52 | -69.77 | 2.102 | 12.50 | H |
| | 3256 | -60.63 | -13 | -47.63 | -69.52 | 2.856 | 13.90 | H |
| | 1632 | -65.25 | -13 | -52.25 | -72.22 | 1.58 | 10.70 | V |
| | 2440 | -59.57 | -13 | -46.57 | -67.82 | 2.10 | 12.50 | V |
| | 3256 | -60.45 | -13 | -47.45 | -69.34 | 2.86 | 13.90 | V |

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