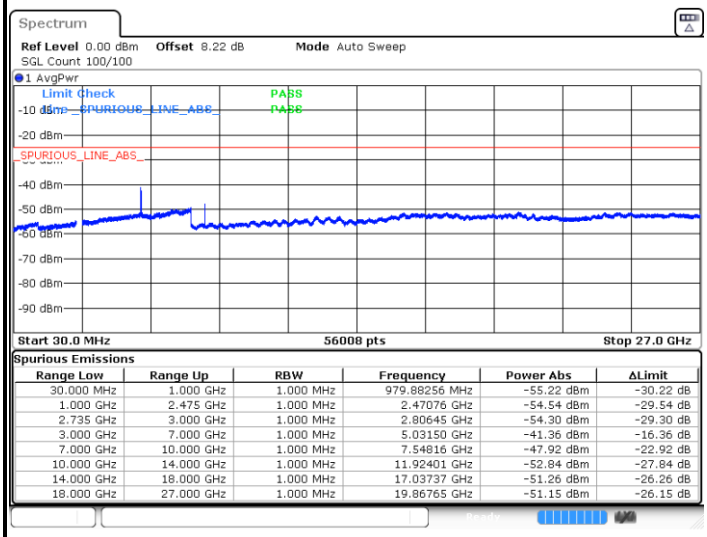
## LTE Band 41C / 20MHz+15MHz

### Lowest Channel / QPSK

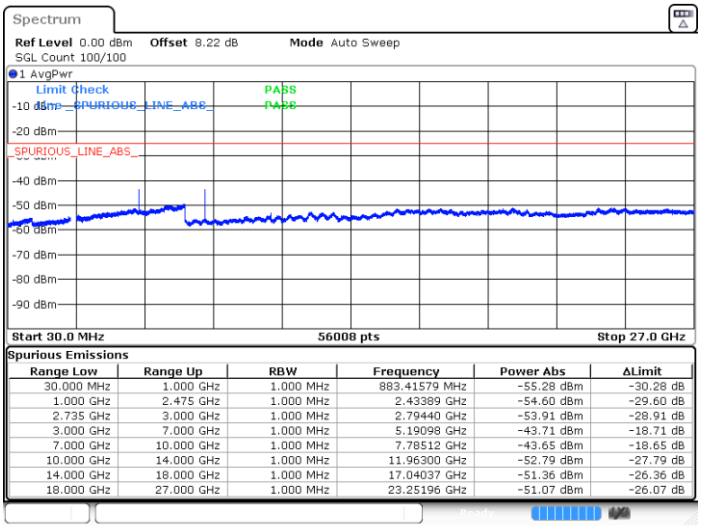



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 979.88256 MHz | -55.22 dBm | -30.22 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.47076 GHz | -54.54 dBm | -29.54 dB |
| 2.735 GHz | 3.000 GHz | 1.000 MHz | 2.80645 GHz | -54.30 dBm | -29.30 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.03150 GHz | -41.36 dBm | -16.36 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.54816 GHz | -47.92 dBm | -22.92 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 11.92401 GHz | -52.84 dBm | -27.84 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.03737 GHz | -51.26 dBm | -26.26 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.86765 GHz | -51.15 dBm | -26.15 dB |

Date: 7.JUN.2022 10:49:26

### Middle Channel / QPSK

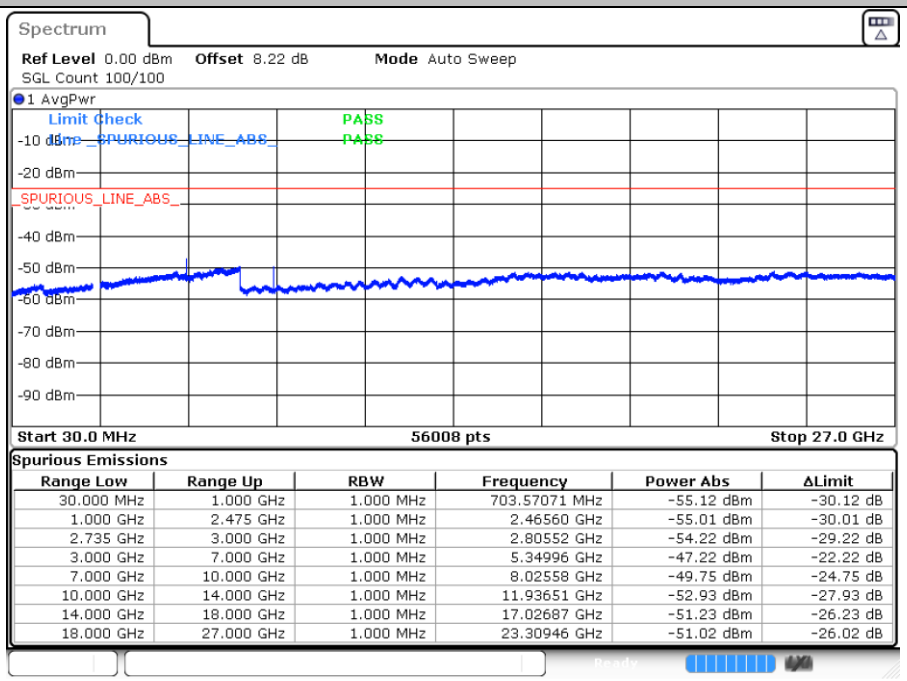



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 883.41579 MHz | -55.28 dBm | -30.28 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.43389 GHz | -54.60 dBm | -29.60 dB |
| 2.735 GHz | 3.000 GHz | 1.000 MHz | 2.79440 GHz | -53.91 dBm | -28.91 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.19098 GHz | -43.71 dBm | -18.71 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.78512 GHz | -43.65 dBm | -18.65 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 11.96300 GHz | -52.79 dBm | -27.79 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.04037 GHz | -51.36 dBm | -26.36 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 23.25196 GHz | -51.07 dBm | -26.07 dB |

Date: 7.JUN.2022 10:51:20

### Highest Channel / QPSK



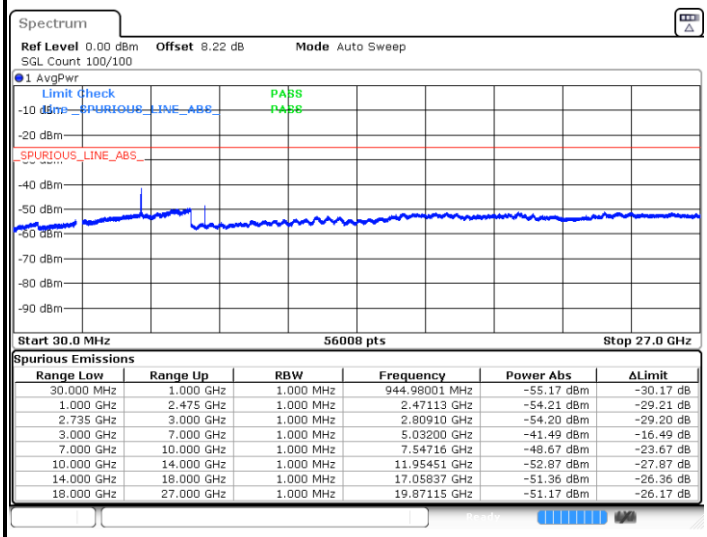

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 703.57071 MHz | -55.12 dBm | -30.12 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.46560 GHz | -55.01 dBm | -30.01 dB |
| 2.735 GHz | 3.000 GHz | 1.000 MHz | 2.80552 GHz | -54.22 dBm | -29.22 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.34996 GHz | -47.22 dBm | -22.22 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 8.02558 GHz | -49.75 dBm | -24.75 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 11.93651 GHz | -52.93 dBm | -27.93 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.02687 GHz | -51.23 dBm | -26.23 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 23.30946 GHz | -51.02 dBm | -26.02 dB |

Date: 7.JUN.2022 10:53:13

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

### Lowest Channel / QPSK

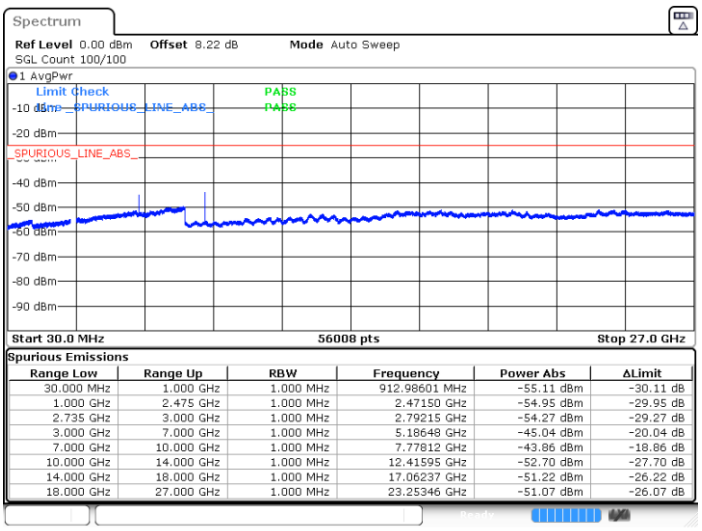



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 944.98001 MHz | -55.17 dBm | -30.17 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.47113 GHz | -54.21 dBm | -29.21 dB |
| 2.735 GHz | 3.000 GHz | 1.000 MHz | 2.80910 GHz | -54.20 dBm | -29.20 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.03200 GHz | -41.49 dBm | -16.49 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.54716 GHz | -48.67 dBm | -23.67 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 11.95451 GHz | -52.87 dBm | -27.87 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.05837 GHz | -51.36 dBm | -26.36 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.87115 GHz | -51.17 dBm | -26.17 dB |

Date: 7.JUN.2022 11:21:32

### Middle Channel / QPSK

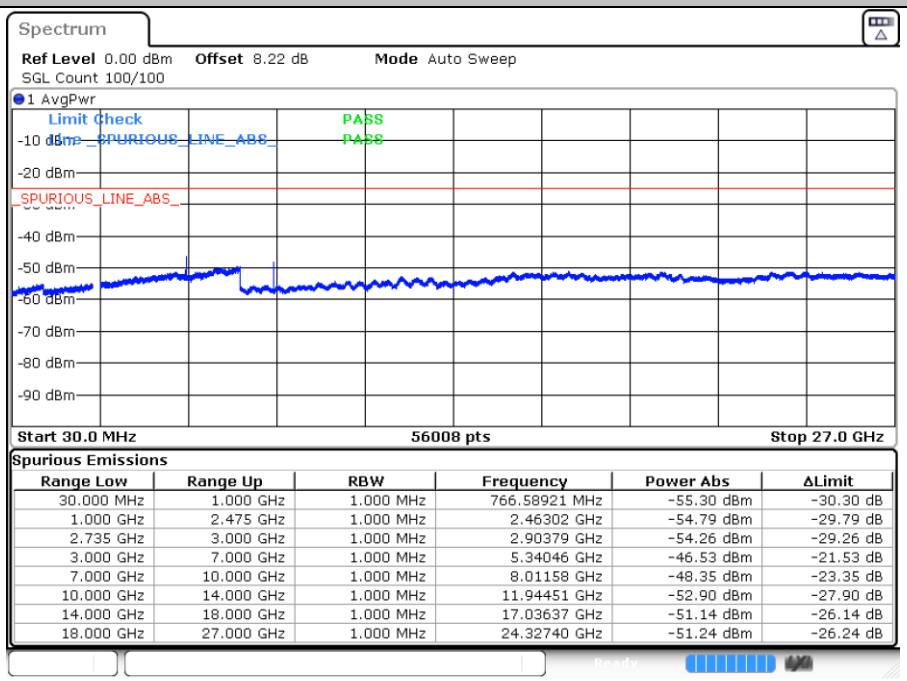



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 912.98601 MHz | -55.11 dBm | -30.11 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.47150 GHz | -54.95 dBm | -29.95 dB |
| 2.735 GHz | 3.000 GHz | 1.000 MHz | 2.79215 GHz | -54.27 dBm | -29.27 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.18648 GHz | -45.04 dBm | -20.04 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.77812 GHz | -43.86 dBm | -18.86 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 12.41595 GHz | -52.70 dBm | -27.70 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.06237 GHz | -51.22 dBm | -26.22 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 23.25346 GHz | -51.07 dBm | -26.07 dB |

Date: 7.JUN.2022 11:23:26

### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 766.58921 MHz | -55.30 dBm | -30.30 dB |
| 1.000 GHz | 2.475 GHz | 1.000 MHz | 2.46302 GHz | -54.79 dBm | -29.79 dB |
| 2.735 GHz | 3.000 GHz | 1.000 MHz | 2.90379 GHz | -54.26 dBm | -29.26 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.34046 GHz | -46.53 dBm | -21.53 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 8.01158 GHz | -48.35 dBm | -23.35 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 11.94451 GHz | -52.90 dBm | -27.90 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.03637 GHz | -51.14 dBm | -26.14 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 24.32740 GHz | -51.24 dBm | -26.24 dB |

Date: 7.JUN.2022 11:25:19

# Frequency Stability

| Test Conditions | | LTE Band 41C (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 20+20MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0019 | PASS |
| 40 | Normal Voltage | 0.0010 | |
| 30 | Normal Voltage | 0.0003 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0013 | |
| 0 | Normal Voltage | 0.0007 | |
| -10 | Normal Voltage | 0.0031 | |
| -20 | Normal Voltage | 0.0011 | |
| -30 | Normal Voltage | 0.0001 | |
| 20 | Maximum Voltage | 0.0003 | |
| 20 | Normal Voltage | 0.0017 | |
| 20 | Battery End Point | 0.0017 | |

**Note:**

1. Normal Voltage =3.87V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

# For other PA

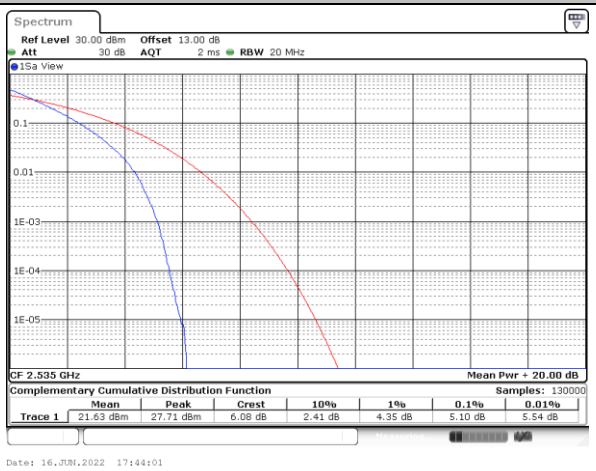
# LTE Band 7

## Peak-to-Average Ratio

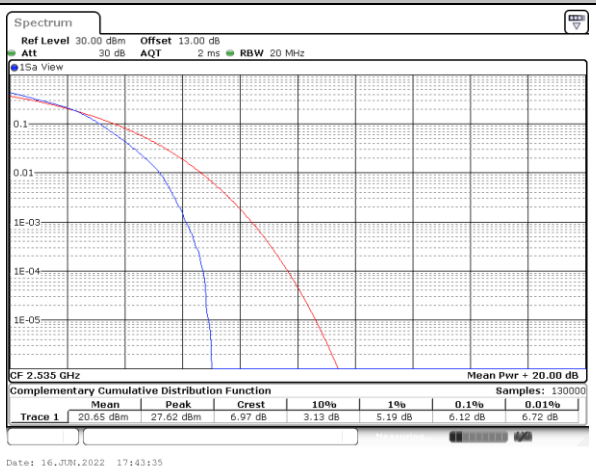
| Mode | LTE Band 7 / 20MHz | | | |
|---|---|---|---|---|
| Mod. | QPSK | 16QAM | 64QAM | Limit: 13dB |
| RB Size | Full RB | Full RB | Full RB | Result |
| Middle CH | 5.10 | 6.12 | 6.78 | PASS |

## LTE Band 7 / 20MHz

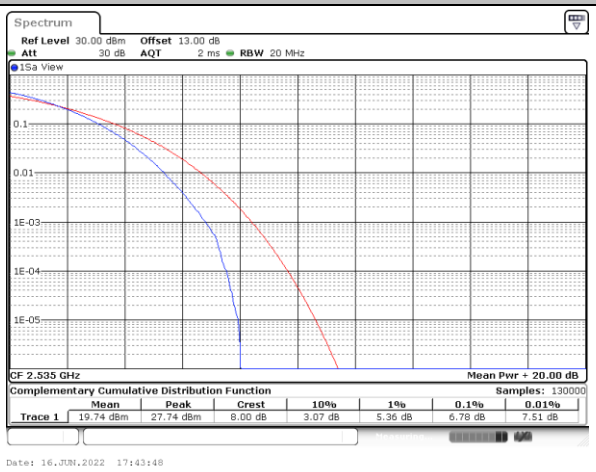
### Middle Channel / Full RB/ QPSK




### Middle Channel / Full RB/ 16QAM

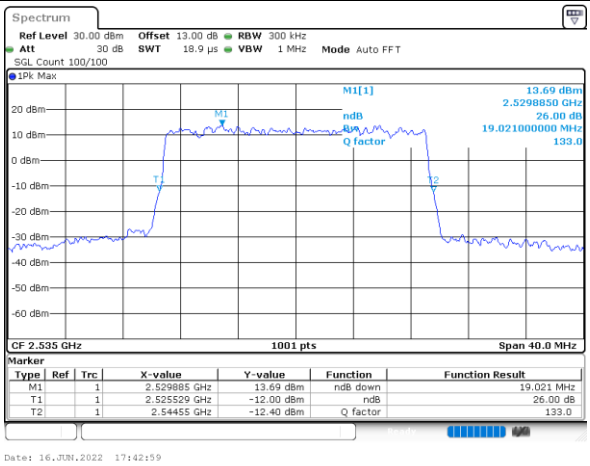
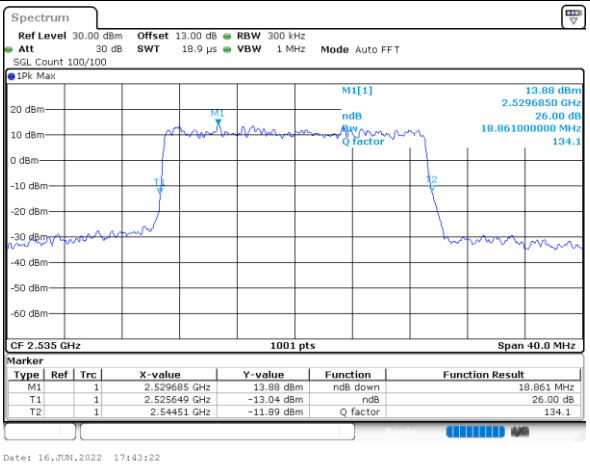



### Middle Channel / Full RB/ 64QAM



# 26dB Bandwidth

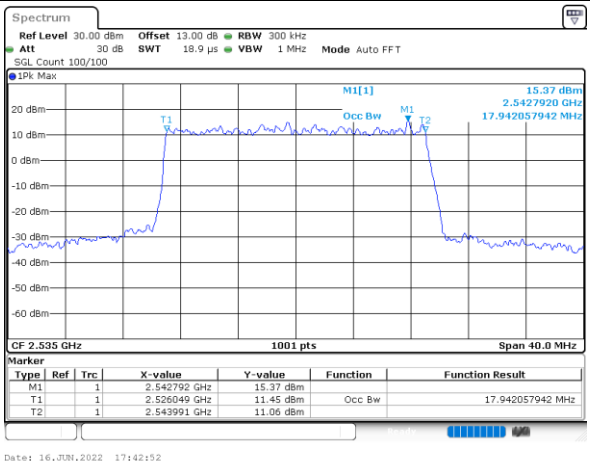
| Mode | LTE Band 7 : 26dB BW(MHz) | |
|---|---|---|
| BW | 20MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 19.02 | 18.86 |

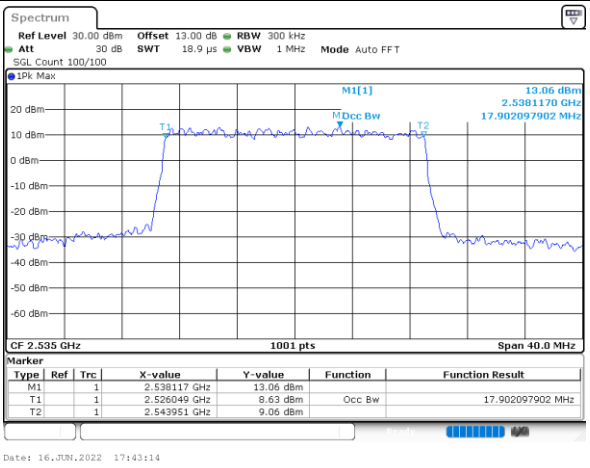
| LTE Band 7 | |
|---|---|
| Middle Channel / 20MHz / QPSK | Middle Channel / 20MHz / 16QAM |
|  |  |

# Occupied Bandwidth

| Mode | LTE Band 7 : 99%OBW(MHz) | |
|---|---|---|
| BW | 20MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 17.94 | 17.90 |

| LTE Band 7 | |
|---|---|
| Middle Channel / 20MHz / QPSK | Middle Channel / 20MHz / 16QAM |

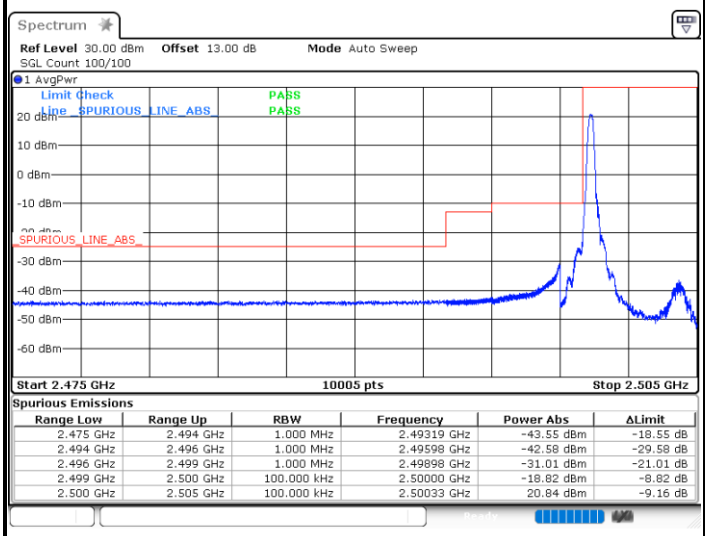


# Conducted Band Edge

## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

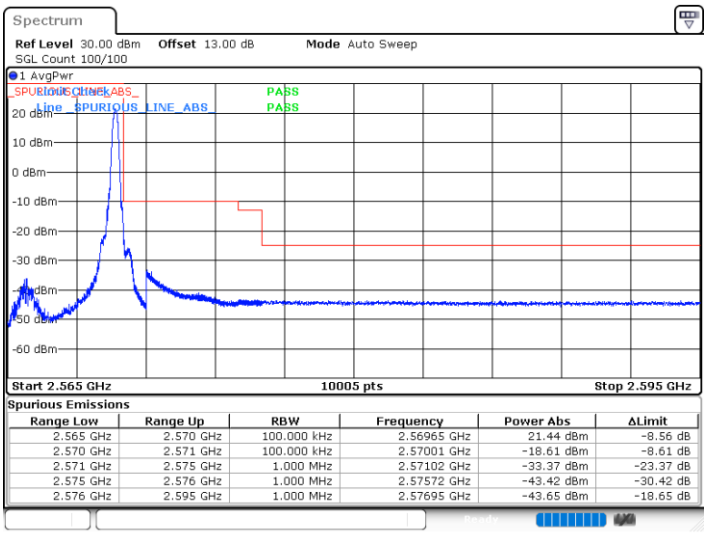



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49319 GHz | -43.55 dBm | -18.55 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49598 GHz | -42.58 dBm | -29.58 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49898 GHz | -31.01 dBm | -21.01 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.50000 GHz | -18.82 dBm | -8.82 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50033 GHz | 20.84 dBm | -9.16 dB |

Date: 16.JUN.2022 16:46:10

### Highest Band Edge / 1 RB

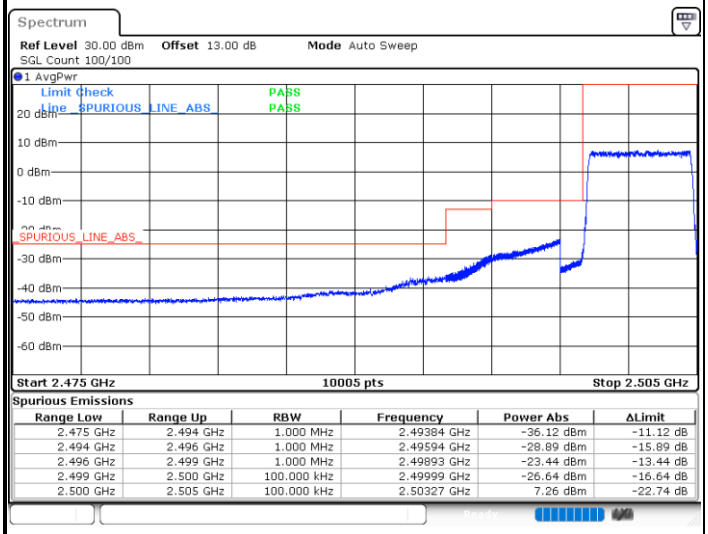



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56965 GHz | 21.44 dBm | -8.56 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57001 GHz | -18.61 dBm | -8.61 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -33.37 dBm | -23.37 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57572 GHz | -43.42 dBm | -30.42 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.57695 GHz | -43.65 dBm | -18.65 dB |

Date: 16.JUN.2022 17:04:49

### Lowest Band Edge / Full RB

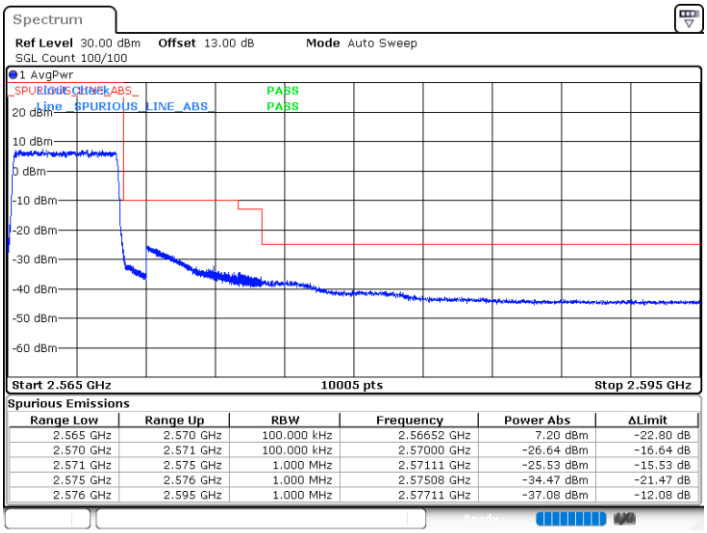



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49384 GHz | -36.12 dBm | -11.12 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49594 GHz | -28.89 dBm | -15.89 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49893 GHz | -23.44 dBm | -13.44 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.49999 GHz | -26.64 dBm | -16.64 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50327 GHz | 7.26 dBm | -22.74 dB |

Date: 16.JUN.2022 16:48:18

### Highest Band Edge / Full RB



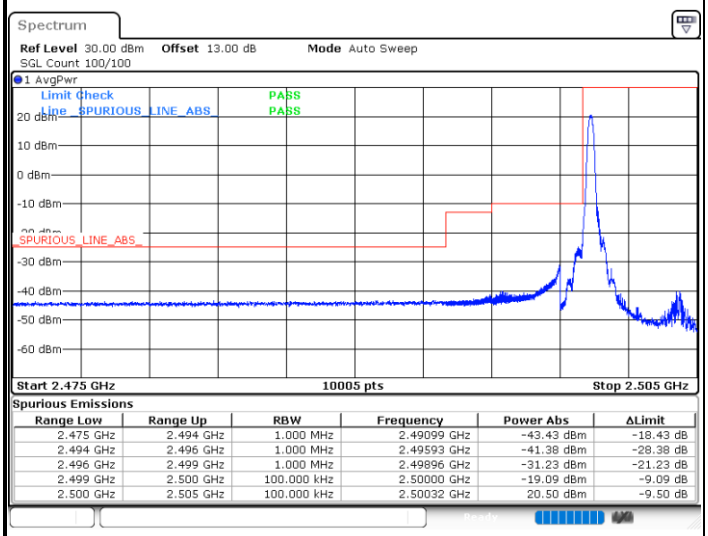

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56652 GHz | 7.20 dBm | -22.80 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57000 GHz | -26.64 dBm | -16.64 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57111 GHz | -25.53 dBm | -15.53 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57508 GHz | -34.47 dBm | -21.47 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.57711 GHz | -37.08 dBm | -12.08 dB |

Date: 16.JUN.2022 16:55:27

## LTE Band 7 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

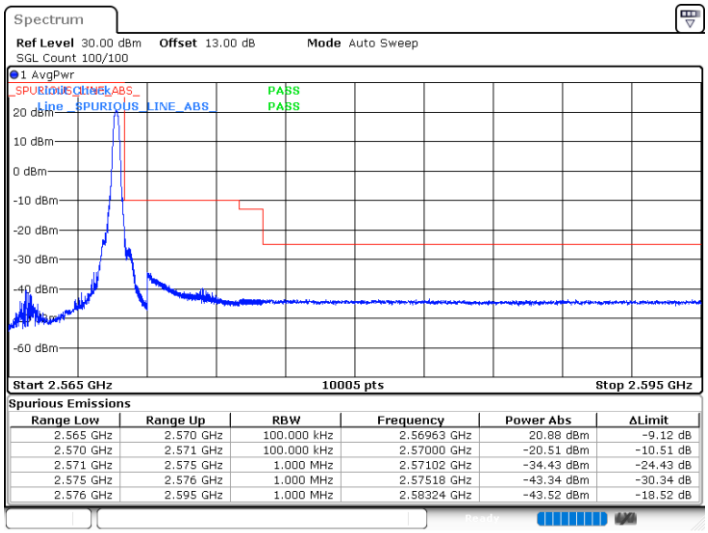



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49099 GHz | -43.43 dBm | -18.43 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49593 GHz | -41.38 dBm | -28.38 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49896 GHz | -31.23 dBm | -21.23 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.50000 GHz | -19.09 dBm | -9.09 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50032 GHz | 20.50 dBm | -9.50 dB |

Date: 16.JUN.2022 16:46:29

### Highest Band Edge / 1 RB

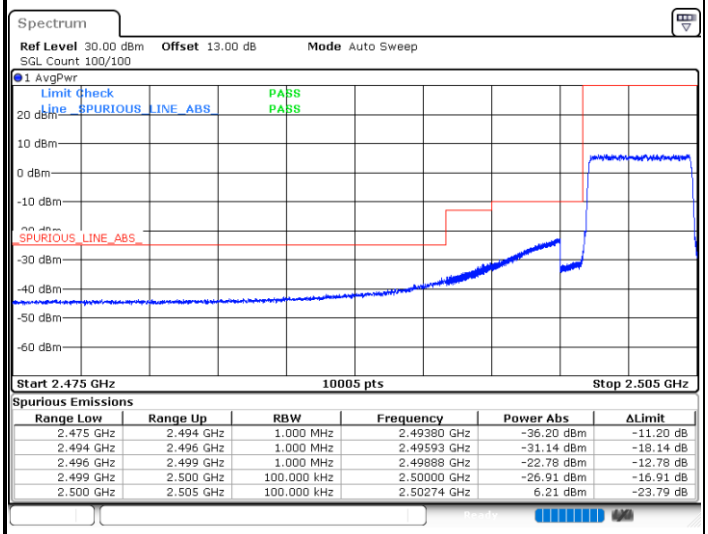



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56963 GHz | 20.88 dBm | -9.12 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57000 GHz | -20.51 dBm | -10.51 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -34.43 dBm | -24.43 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57518 GHz | -43.34 dBm | -30.34 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.58324 GHz | -43.52 dBm | -18.52 dB |

Date: 16.JUN.2022 17:04:27

### Lowest Band Edge / Full RB

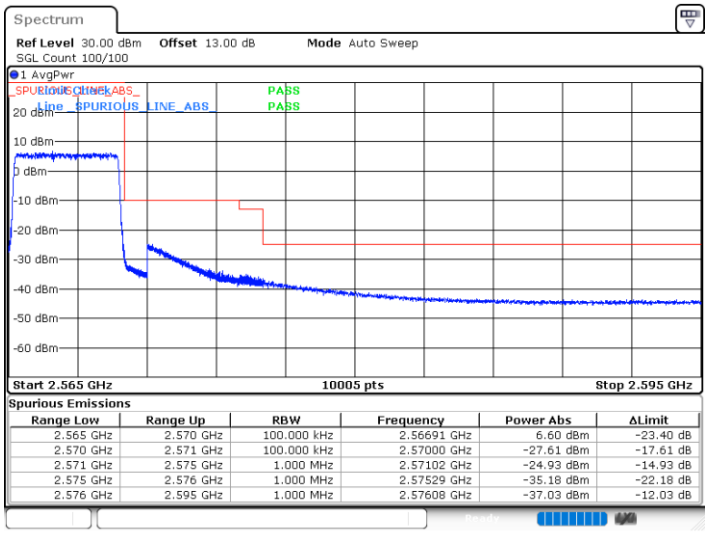



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49380 GHz | -36.20 dBm | -11.20 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49593 GHz | -31.14 dBm | -18.14 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49888 GHz | -22.78 dBm | -12.78 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.50000 GHz | -26.91 dBm | -16.91 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50274 GHz | 6.21 dBm | -23.79 dB |

Date: 16.JUN.2022 16:47:39

### Highest Band Edge / Full RB



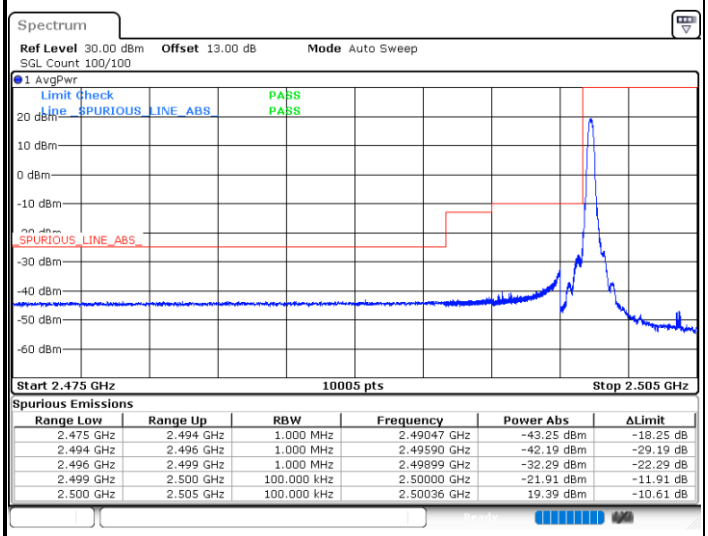

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56691 GHz | 6.60 dBm | -23.40 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57000 GHz | -27.61 dBm | -17.61 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -24.93 dBm | -14.93 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57529 GHz | -35.18 dBm | -22.18 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.57608 GHz | -37.03 dBm | -12.03 dB |

Date: 16.JUN.2022 17:03:00

## LTE Band 7 / 5MHz / 64QAM

### Lowest Band Edge / 1RB

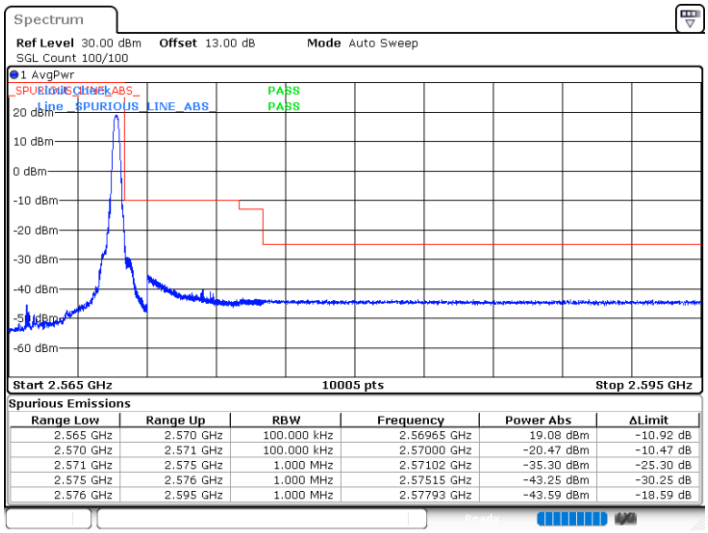



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49047 GHz | -43.25 dBm | -18.25 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49590 GHz | -42.19 dBm | -29.19 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -32.29 dBm | -22.29 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.50000 GHz | -21.91 dBm | -11.91 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50036 GHz | 19.39 dBm | -10.61 dB |

Date: 16.JUN.2022 16:46:49

### Highest Band Edge / 1 RB

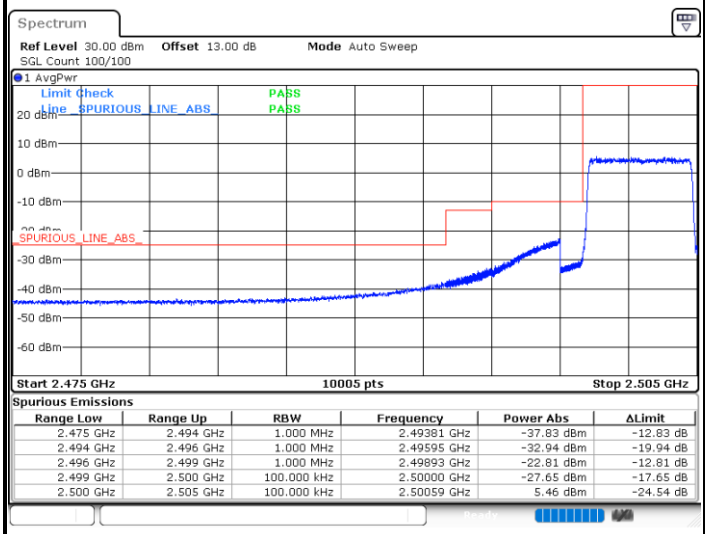



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56965 GHz | 19.08 dBm | -10.92 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57000 GHz | -20.47 dBm | -10.47 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -35.30 dBm | -25.30 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57515 GHz | -43.25 dBm | -30.25 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.57793 GHz | -43.59 dBm | -18.59 dB |

Date: 16.JUN.2022 17:04:06

### Lowest Band Edge / Full RB

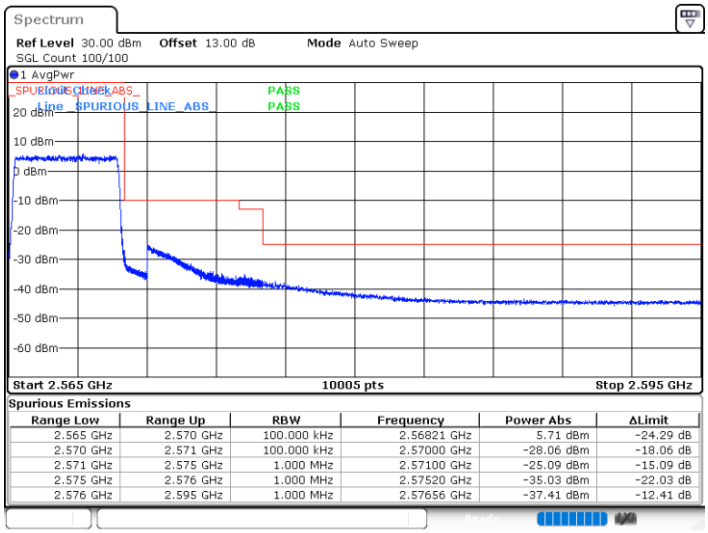



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.494 GHz | 1.000 MHz | 2.49381 GHz | -37.83 dBm | -12.83 dB |
| 2.494 GHz | 2.496 GHz | 1.000 MHz | 2.49595 GHz | -32.94 dBm | -19.94 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49893 GHz | -22.81 dBm | -12.81 dB |
| 2.499 GHz | 2.500 GHz | 100.000 kHz | 2.50000 GHz | -27.65 dBm | -17.65 dB |
| 2.500 GHz | 2.505 GHz | 100.000 kHz | 2.50059 GHz | 5.46 dBm | -24.54 dB |

Date: 16.JUN.2022 16:47:23

### Highest Band Edge / Full RB



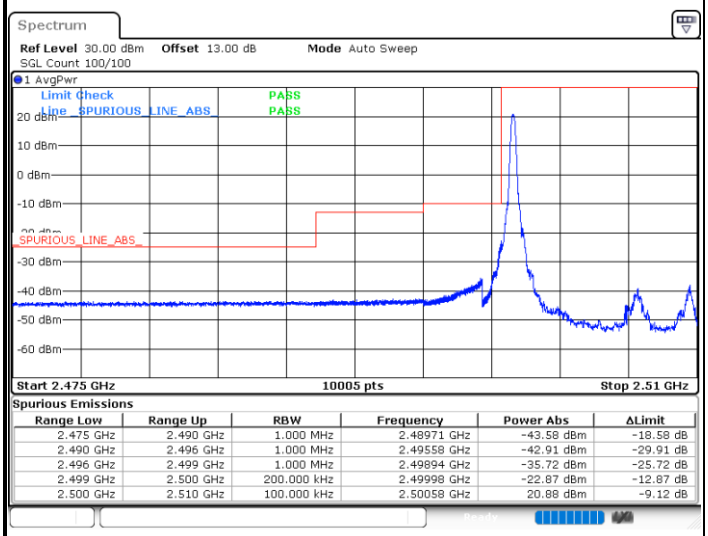

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.565 GHz | 2.570 GHz | 100.000 kHz | 2.56821 GHz | 5.71 dBm | -24.29 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57000 GHz | -28.06 dBm | -18.06 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -25.09 dBm | -15.09 dB |
| 2.575 GHz | 2.576 GHz | 1.000 MHz | 2.57520 GHz | -35.03 dBm | -22.03 dB |
| 2.576 GHz | 2.595 GHz | 1.000 MHz | 2.57656 GHz | -37.41 dBm | -12.41 dB |

Date: 16.JUN.2022 17:03:29

## LTE Band 7 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

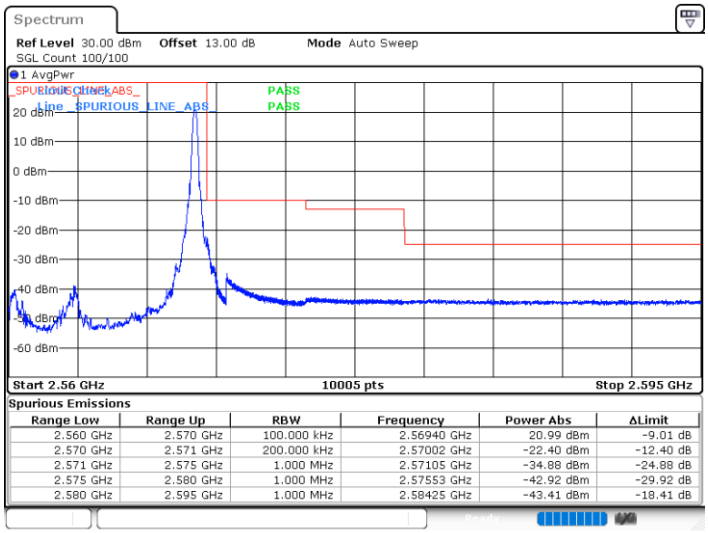



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48971 GHz | -43.58 dBm | -18.58 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49558 GHz | -42.91 dBm | -29.91 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49894 GHz | -35.72 dBm | -25.72 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.49998 GHz | -22.87 dBm | -12.87 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50058 GHz | 20.88 dBm | -9.12 dB |

Date: 16.JUN.2022 17:10:18

### Highest Band Edge / 1 RB

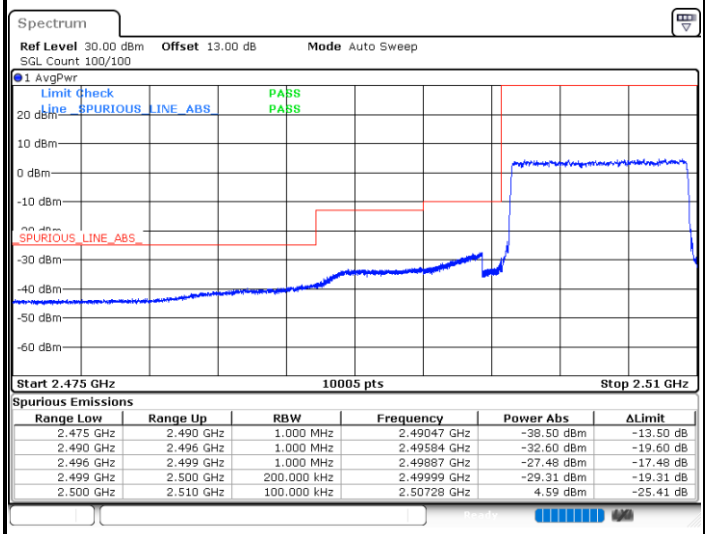



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56940 GHz | 20.99 dBm | -9.01 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57002 GHz | -22.40 dBm | -12.40 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57105 GHz | -34.88 dBm | -24.88 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57553 GHz | -42.92 dBm | -29.92 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58425 GHz | -43.41 dBm | -18.41 dB |

Date: 16.JUN.2022 17:20:54

### Lowest Band Edge / Full RB

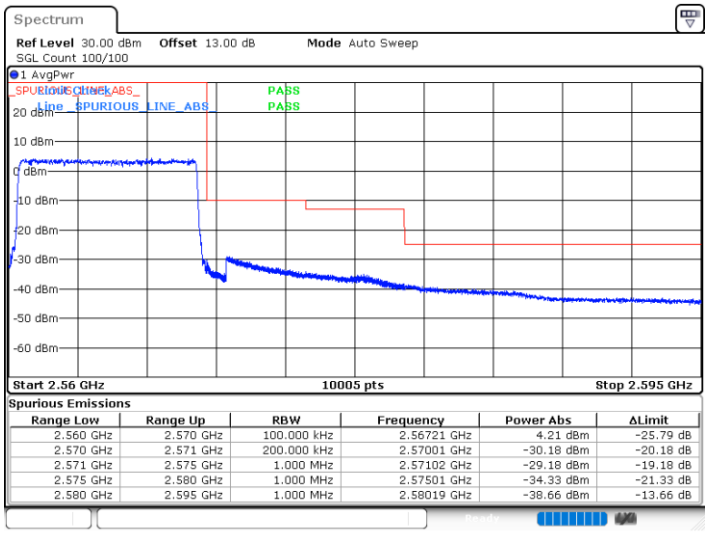



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49047 GHz | -38.50 dBm | -13.50 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49584 GHz | -32.60 dBm | -19.60 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49887 GHz | -27.48 dBm | -17.48 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.49999 GHz | -29.31 dBm | -19.31 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50728 GHz | 4.59 dBm | -25.41 dB |

Date: 16.JUN.2022 17:13:09

### Highest Band Edge / Full RB



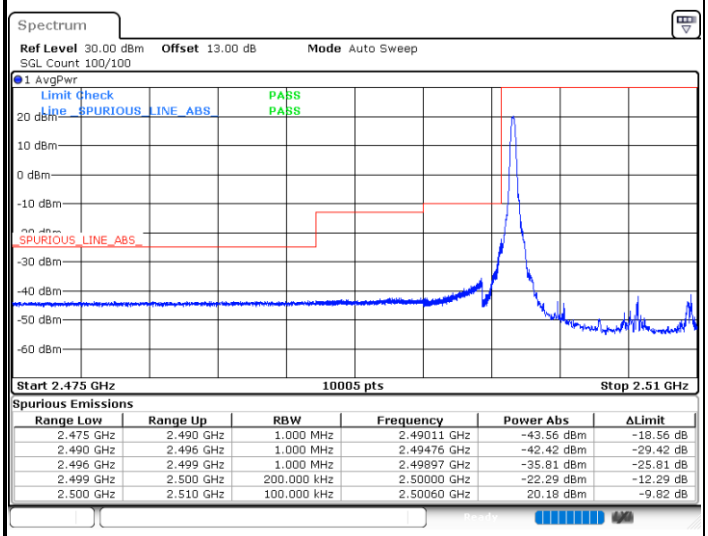

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56721 GHz | 4.21 dBm | -25.79 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57001 GHz | -30.18 dBm | -20.18 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -29.18 dBm | -19.18 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57501 GHz | -34.33 dBm | -21.33 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58019 GHz | -38.66 dBm | -13.66 dB |

Date: 16.JUN.2022 17:18:45

## LTE Band 7 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

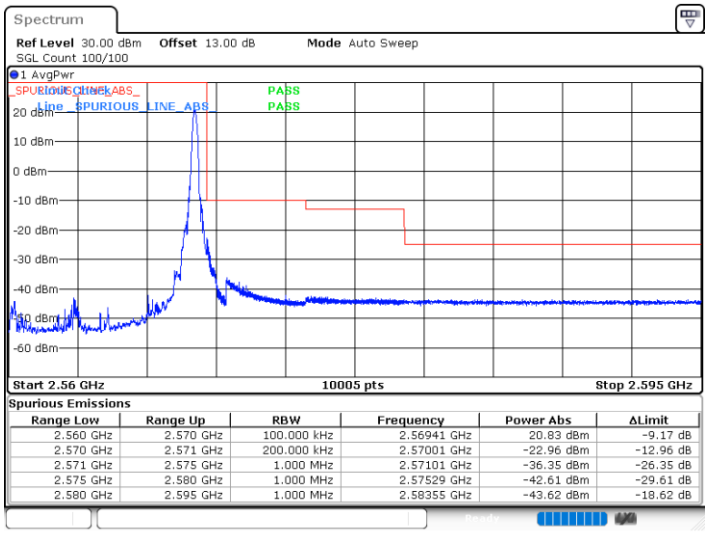



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49011 GHz | -43.56 dBm | -18.56 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49476 GHz | -42.42 dBm | -29.42 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49897 GHz | -35.81 dBm | -25.81 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.50000 GHz | -22.29 dBm | -12.29 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50060 GHz | 20.18 dBm | -9.82 dB |

Date: 16.JUN.2022 17:10:40

### Highest Band Edge / 1 RB

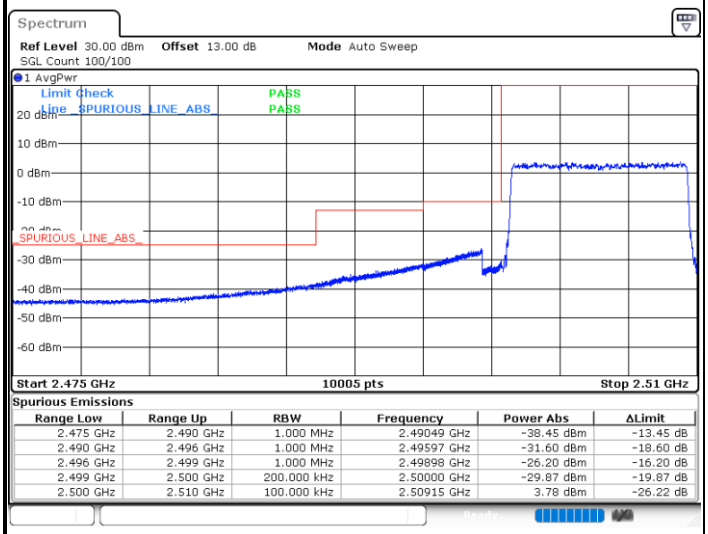



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56941 GHz | 20.83 dBm | -9.17 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57001 GHz | -22.96 dBm | -12.96 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -36.35 dBm | -26.35 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57529 GHz | -42.61 dBm | -29.61 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58355 GHz | -43.62 dBm | -18.62 dB |

Date: 16.JUN.2022 17:20:30

### Lowest Band Edge / Full RB

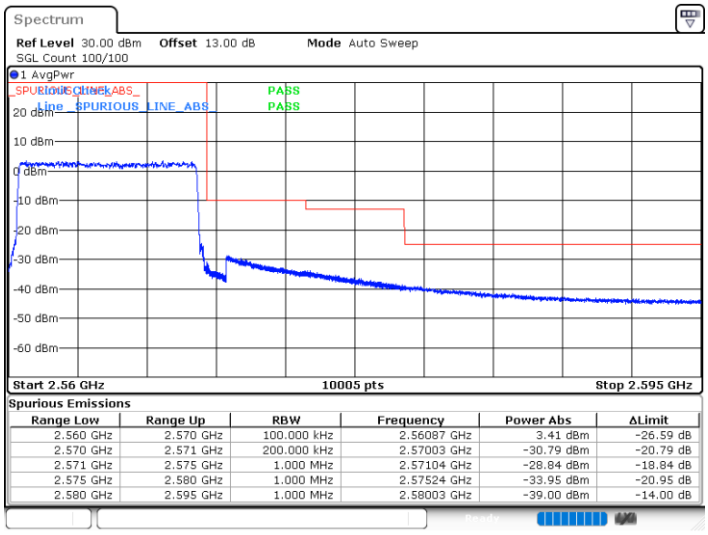



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49049 GHz | -38.45 dBm | -13.45 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49597 GHz | -31.60 dBm | -18.60 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49898 GHz | -26.20 dBm | -16.20 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.50000 GHz | -29.87 dBm | -19.87 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50915 GHz | 3.78 dBm | -26.22 dB |

Date: 16.JUN.2022 17:12:44

### Highest Band Edge / Full RB



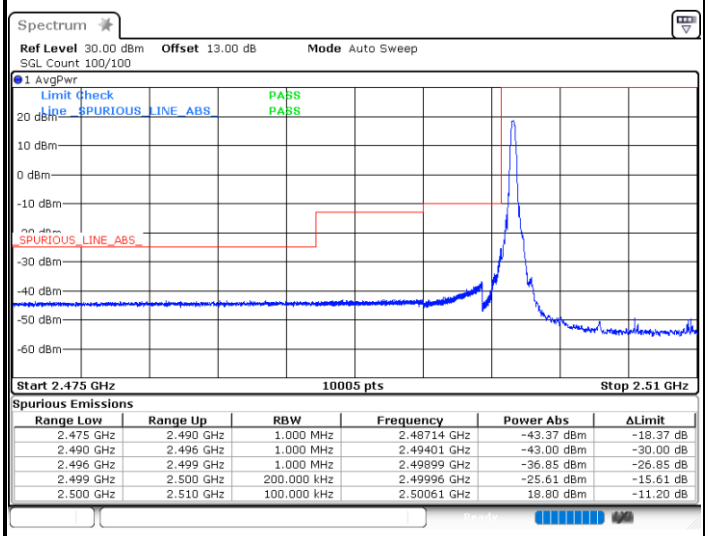

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56087 GHz | 3.41 dBm | -26.59 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57003 GHz | -30.79 dBm | -20.79 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57104 GHz | -28.84 dBm | -18.84 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57524 GHz | -33.95 dBm | -20.95 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58003 GHz | -39.00 dBm | -14.00 dB |

Date: 16.JUN.2022 17:19:01

## LTE Band 7 / 10MHz / 64QAM

### Lowest Band Edge / 1 RB

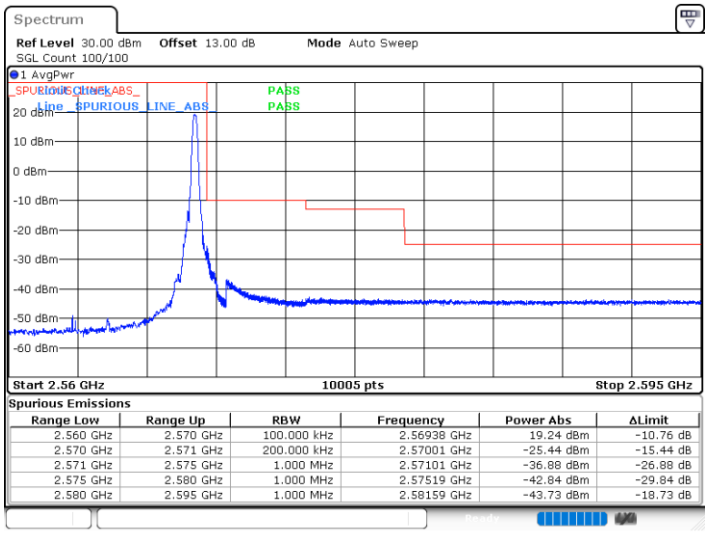



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48714 GHz | -43.37 dBm | -18.37 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49401 GHz | -43.00 dBm | -30.00 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -36.85 dBm | -26.85 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.49996 GHz | -25.61 dBm | -15.61 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50061 GHz | 18.80 dBm | -11.20 dB |

Date: 16.JUN.2022 17:11:36

### Highest Band Edge / 1 RB

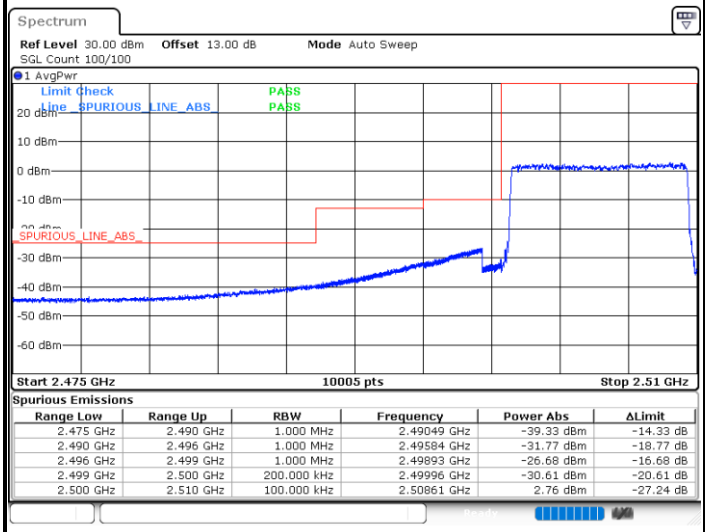



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56938 GHz | 19.24 dBm | -10.76 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57001 GHz | -25.44 dBm | -15.44 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -36.88 dBm | -26.88 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57519 GHz | -42.84 dBm | -29.84 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58159 GHz | -43.73 dBm | -18.73 dB |

Date: 16.JUN.2022 17:20:03

### Lowest Band Edge / Full RB

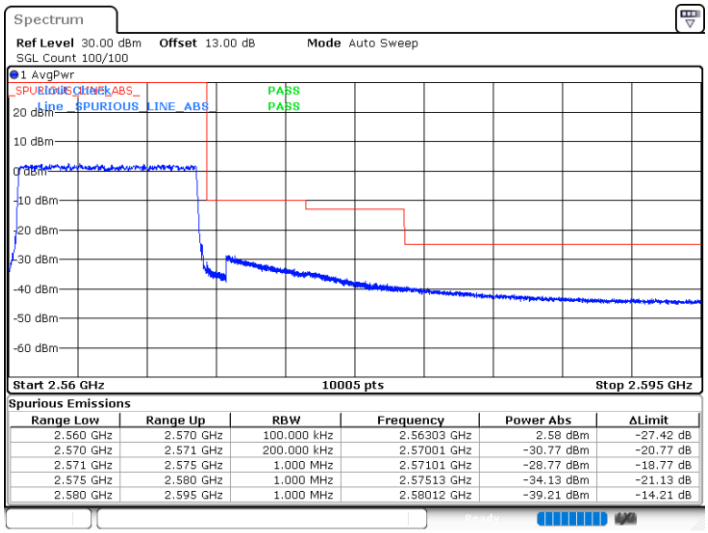



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49049 GHz | -39.33 dBm | -14.33 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49584 GHz | -31.77 dBm | -18.77 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49893 GHz | -26.68 dBm | -16.68 dB |
| 2.499 GHz | 2.500 GHz | 200.000 kHz | 2.49996 GHz | -30.61 dBm | -20.61 dB |
| 2.500 GHz | 2.510 GHz | 100.000 kHz | 2.50861 GHz | 2.76 dBm | -27.24 dB |

Date: 16.JUN.2022 17:12:03

### Highest Band Edge / Full RB



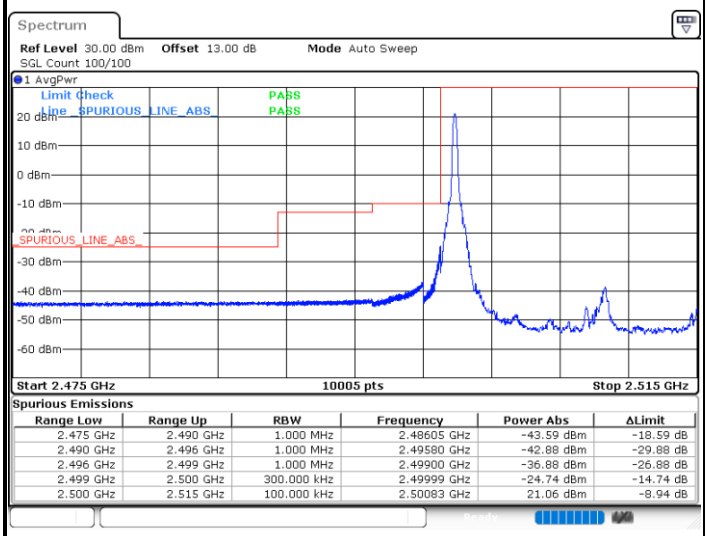

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.560 GHz | 2.570 GHz | 100.000 kHz | 2.56303 GHz | 2.58 dBm | -27.42 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57001 GHz | -30.77 dBm | -20.77 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -28.77 dBm | -18.77 dB |
| 2.575 GHz | 2.580 GHz | 1.000 MHz | 2.57513 GHz | -34.13 dBm | -21.13 dB |
| 2.580 GHz | 2.595 GHz | 1.000 MHz | 2.58012 GHz | -39.21 dBm | -14.21 dB |

Date: 16.JUN.2022 17:19:30

## LTE Band 7 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

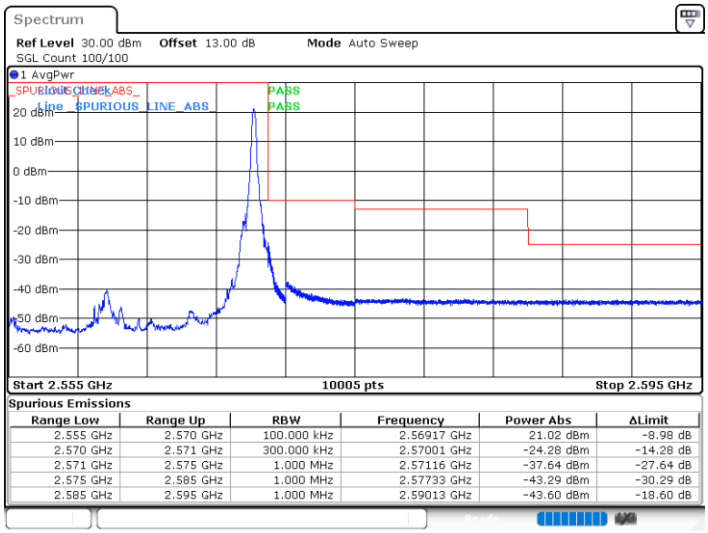



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48605 GHz | -43.59 dBm | -18.59 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49580 GHz | -42.88 dBm | -29.88 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49900 GHz | -36.88 dBm | -26.88 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.49999 GHz | -24.74 dBm | -14.74 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.50083 GHz | 21.06 dBm | -8.94 dB |

Date: 16.JUN.2022 17:26:49

### Highest Band Edge / 1 RB

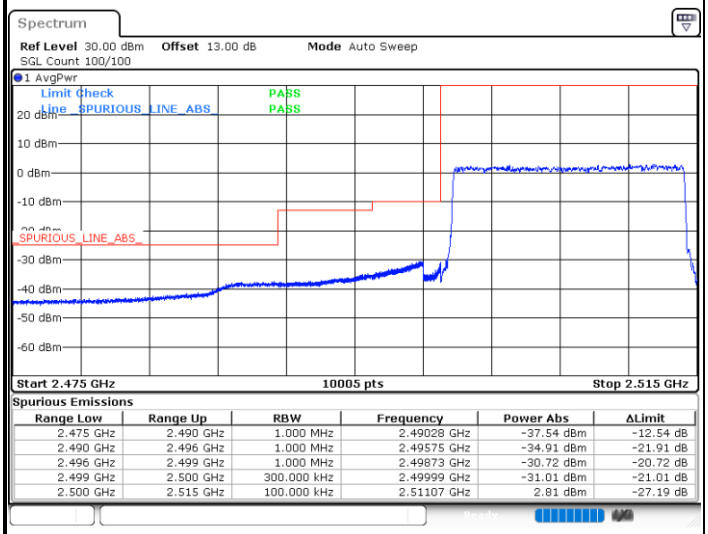



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56917 GHz | 21.02 dBm | -8.98 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57001 GHz | -24.28 dBm | -14.28 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57116 GHz | -37.64 dBm | -27.64 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57733 GHz | -43.29 dBm | -30.29 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.59013 GHz | -43.60 dBm | -18.60 dB |

Date: 16.JUN.2022 17:33:52

### Lowest Band Edge / Full RB

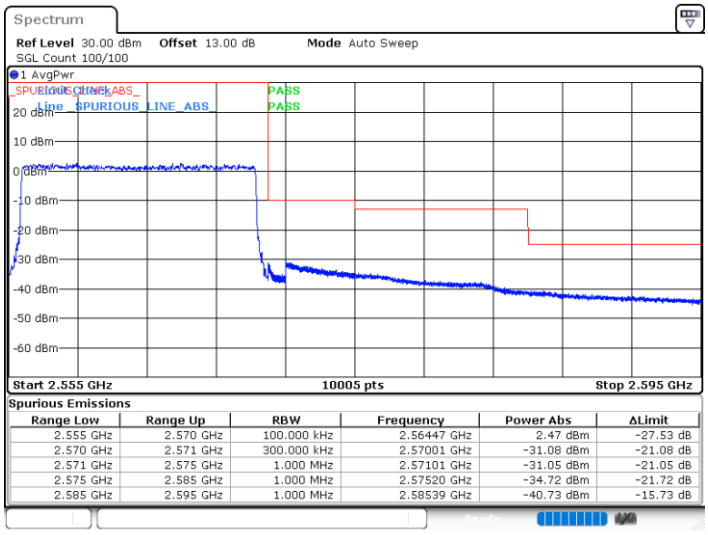



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49028 GHz | -37.54 dBm | -12.54 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49575 GHz | -34.91 dBm | -21.91 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49873 GHz | -30.72 dBm | -20.72 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.49999 GHz | -31.01 dBm | -21.01 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.51107 GHz | 2.81 dBm | -27.19 dB |

Date: 16.JUN.2022 17:28:28

### Highest Band Edge / Full RB



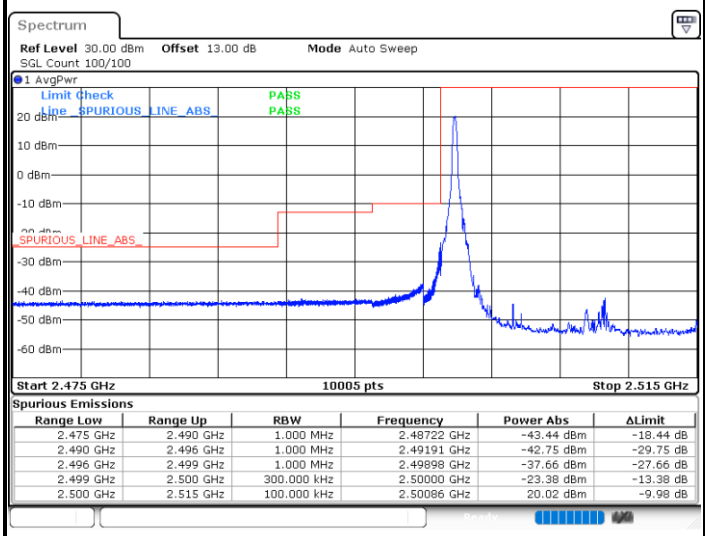

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56447 GHz | 2.47 dBm | -27.53 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57001 GHz | -31.08 dBm | -21.08 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -31.05 dBm | -21.05 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57520 GHz | -34.72 dBm | -21.72 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.58539 GHz | -40.73 dBm | -15.73 dB |

Date: 16.JUN.2022 17:30:29

## LTE Band 7 / 15MHz / 16QAM

### Lowest Band Edge / 1 RB

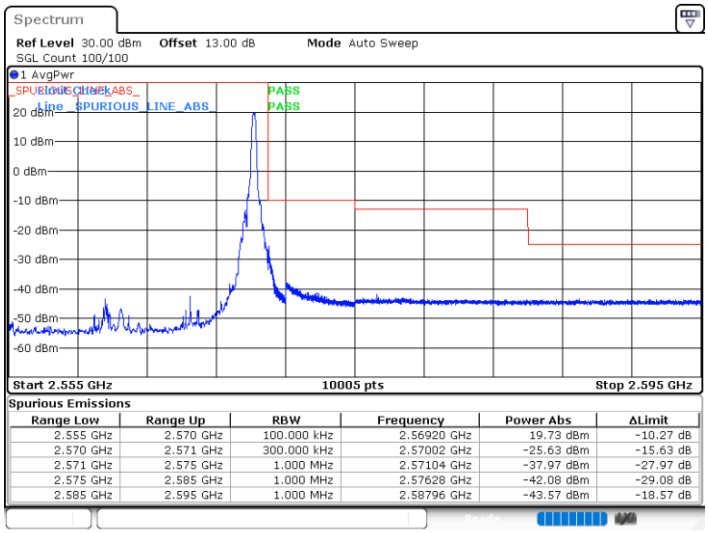



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48722 GHz | -43.44 dBm | -18.44 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49191 GHz | -42.75 dBm | -29.75 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49898 GHz | -37.66 dBm | -27.66 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.50000 GHz | -23.38 dBm | -13.38 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.50086 GHz | 20.02 dBm | -9.98 dB |

Date: 16.JUN.2022 17:27:30

### Highest Band Edge / 1 RB

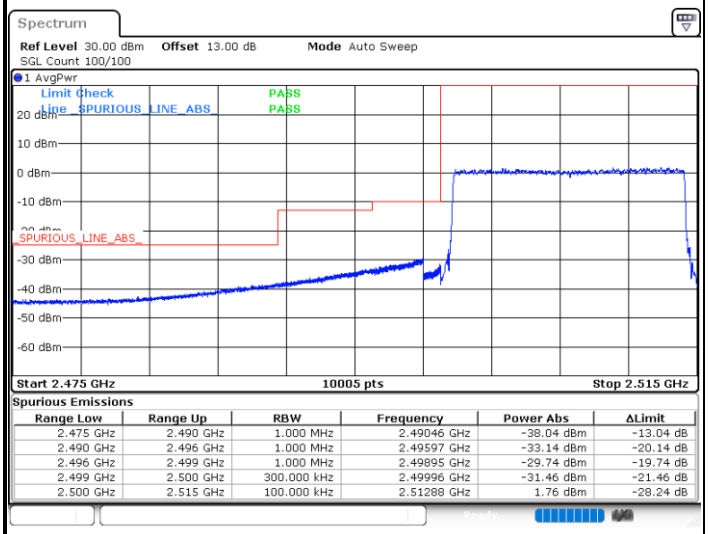



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56920 GHz | 19.73 dBm | -10.27 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57002 GHz | -25.63 dBm | -15.63 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57104 GHz | -37.97 dBm | -27.97 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57628 GHz | -42.08 dBm | -29.08 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.58796 GHz | -43.57 dBm | -18.57 dB |

Date: 16.JUN.2022 17:32:48

### Lowest Band Edge / Full RB

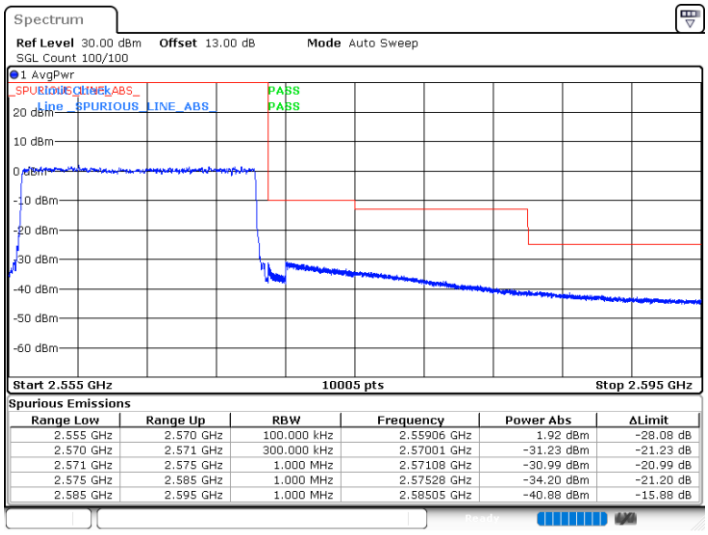



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49046 GHz | -38.04 dBm | -13.04 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49597 GHz | -33.14 dBm | -20.14 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49895 GHz | -29.74 dBm | -19.74 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.49996 GHz | -31.46 dBm | -21.46 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.51288 GHz | 1.76 dBm | -28.24 dB |

Date: 16.JUN.2022 17:28:15

### Highest Band Edge / Full RB



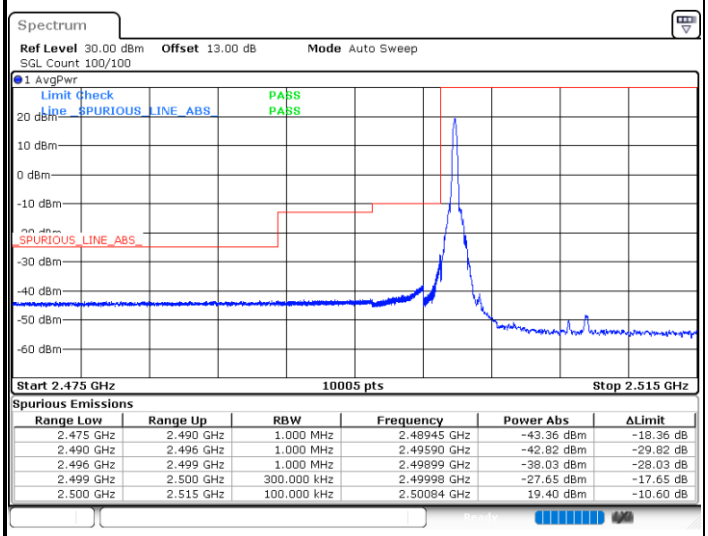

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.55906 GHz | 1.92 dBm | -28.08 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57001 GHz | -31.23 dBm | -21.23 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57108 GHz | -30.99 dBm | -20.99 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57528 GHz | -34.20 dBm | -21.20 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.58505 GHz | -40.88 dBm | -15.88 dB |

Date: 16.JUN.2022 17:30:57

## LTE Band 7 / 15MHz / 64QAM

### Lowest Band Edge / 1 RB

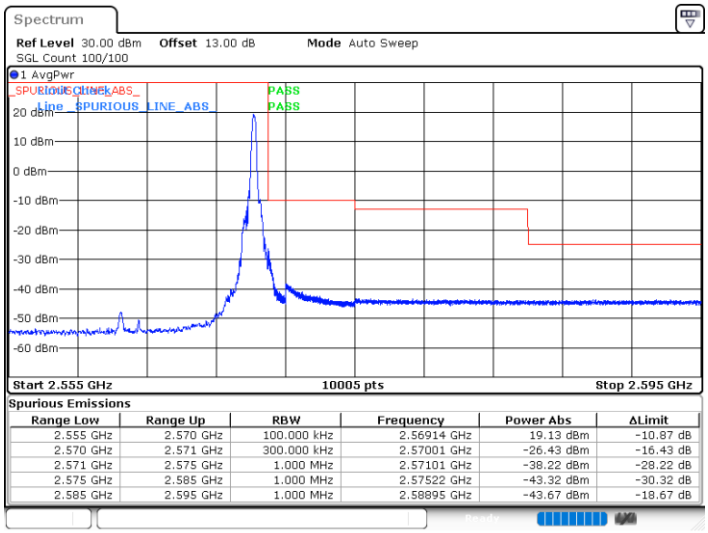



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48945 GHz | -43.36 dBm | -18.36 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49590 GHz | -42.82 dBm | -29.82 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -38.03 dBm | -28.03 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.49998 GHz | -27.65 dBm | -17.65 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.50084 GHz | 19.40 dBm | -10.60 dB |

Date: 16.JUN.2022 17:27:45

### Highest Band Edge / 1 RB

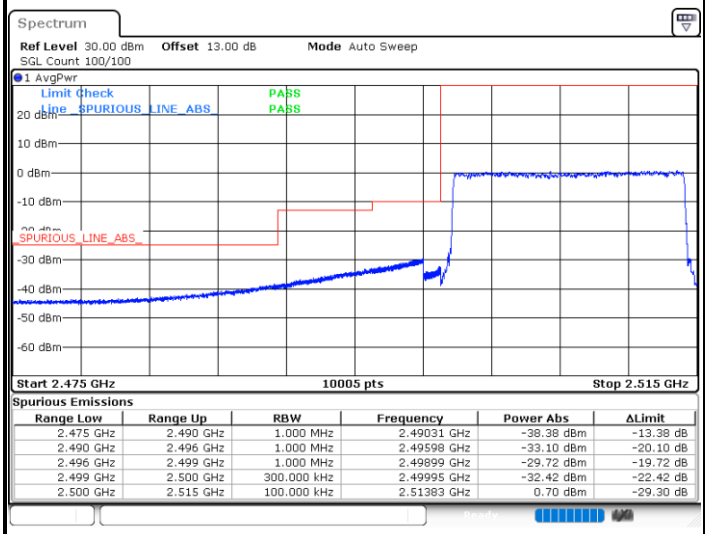



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.56914 GHz | 19.13 dBm | -10.87 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57001 GHz | -26.43 dBm | -16.43 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -38.22 dBm | -28.22 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57522 GHz | -43.32 dBm | -30.32 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.58895 GHz | -43.67 dBm | -18.67 dB |

Date: 16.JUN.2022 17:32:10

### Lowest Band Edge / Full RB

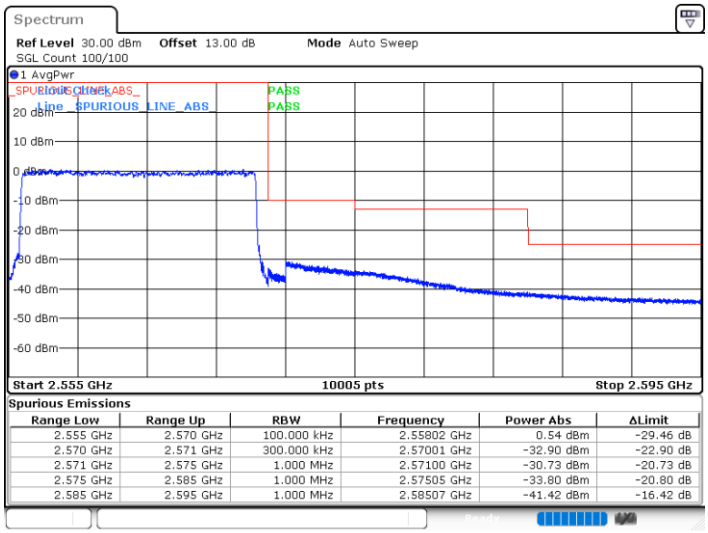



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49031 GHz | -38.38 dBm | -13.38 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49598 GHz | -33.10 dBm | -20.10 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -29.72 dBm | -19.72 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.49995 GHz | -32.42 dBm | -22.42 dB |
| 2.500 GHz | 2.515 GHz | 100.000 kHz | 2.51383 GHz | 0.70 dBm | -29.30 dB |

Date: 16.JUN.2022 17:28:04

### Highest Band Edge / Full RB



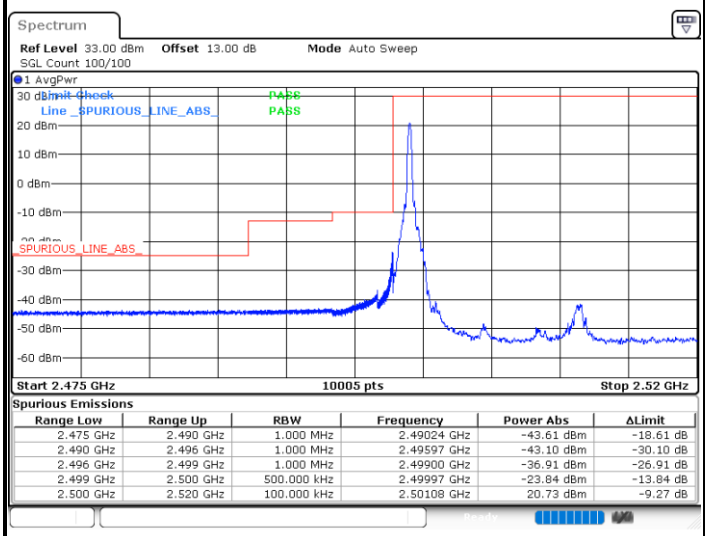

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.555 GHz | 2.570 GHz | 100.000 kHz | 2.55802 GHz | 0.54 dBm | -29.46 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57001 GHz | -32.90 dBm | -22.90 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -30.73 dBm | -20.73 dB |
| 2.575 GHz | 2.585 GHz | 1.000 MHz | 2.57505 GHz | -33.80 dBm | -20.80 dB |
| 2.585 GHz | 2.595 GHz | 1.000 MHz | 2.58507 GHz | -41.42 dBm | -16.42 dB |

Date: 16.JUN.2022 17:31:29

## LTE Band 7 / 20MHz / QPSK

### Lowest Band Edge / 1 RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49024 GHz | -43.61 dBm | -18.61 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49597 GHz | -43.10 dBm | -30.10 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49900 GHz | -36.91 dBm | -26.91 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.49997 GHz | -23.84 dBm | -13.84 dB |
| 2.500 GHz | 2.520 GHz | 100.000 kHz | 2.50108 GHz | 20.73 dBm | -9.27 dB |

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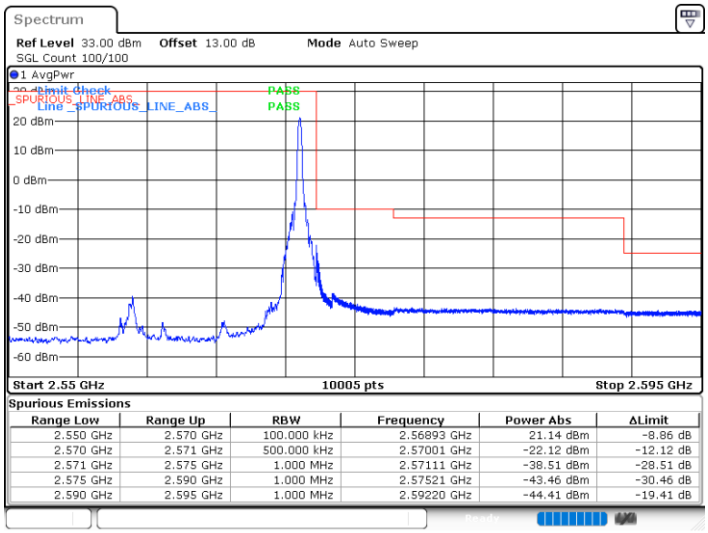
### Highest Band Edge / 1 RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56893 GHz | 21.14 dBm | -8.86 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57001 GHz | -22.12 dBm | -12.12 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57111 GHz | -38.51 dBm | -28.51 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57521 GHz | -43.46 dBm | -30.46 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59220 GHz | -44.41 dBm | -19.41 dB |

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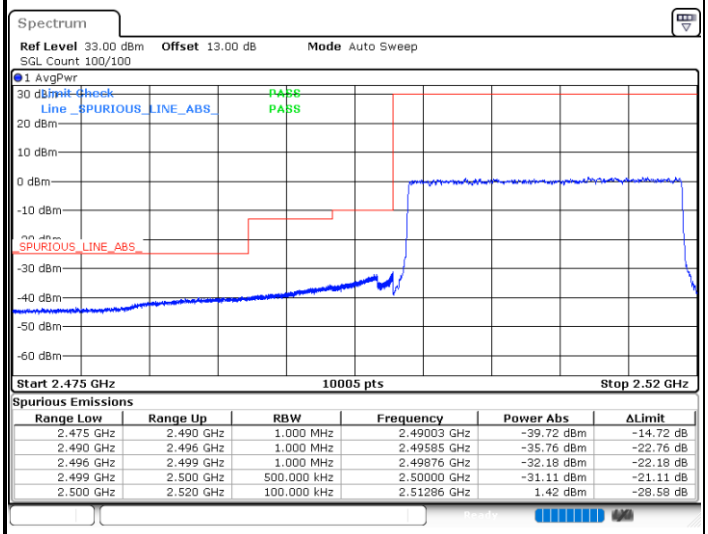
### Lowest Band Edge / Full RB

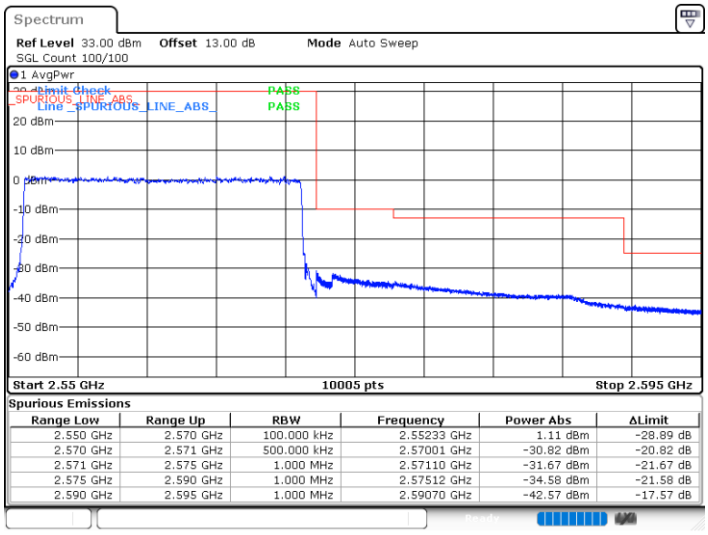



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49003 GHz | -39.72 dBm | -14.72 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49585 GHz | -35.76 dBm | -22.76 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49876 GHz | -32.18 dBm | -22.18 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -31.11 dBm | -21.11 dB |
| 2.500 GHz | 2.520 GHz | 100.000 kHz | 2.51286 GHz | 1.42 dBm | -28.58 dB |

Date: 16.JUN.2022 17:42:22

### Highest Band Edge / Full RB



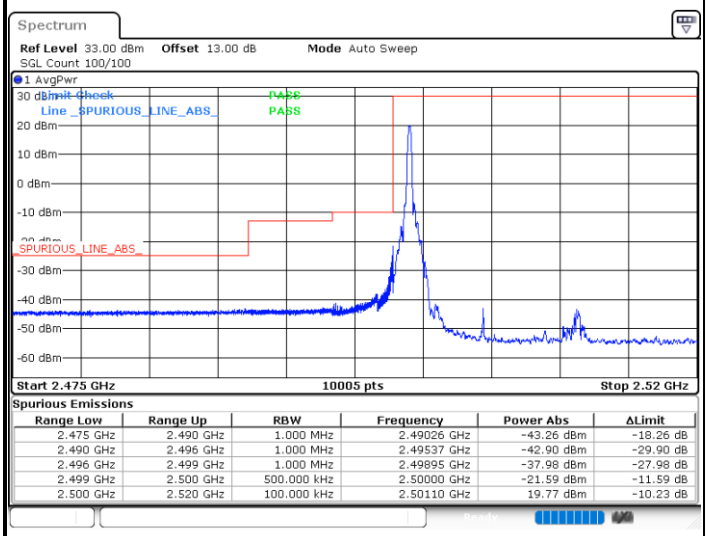

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.55233 GHz | 1.11 dBm | -28.89 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57001 GHz | -30.82 dBm | -20.82 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57110 GHz | -31.67 dBm | -21.67 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57512 GHz | -34.58 dBm | -21.58 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59070 GHz | -42.57 dBm | -17.57 dB |

Date: 16.JUN.2022 17:44:36

## LTE Band 7 / 20MHz / 16QAM

### Lowest Band Edge / 1 RB

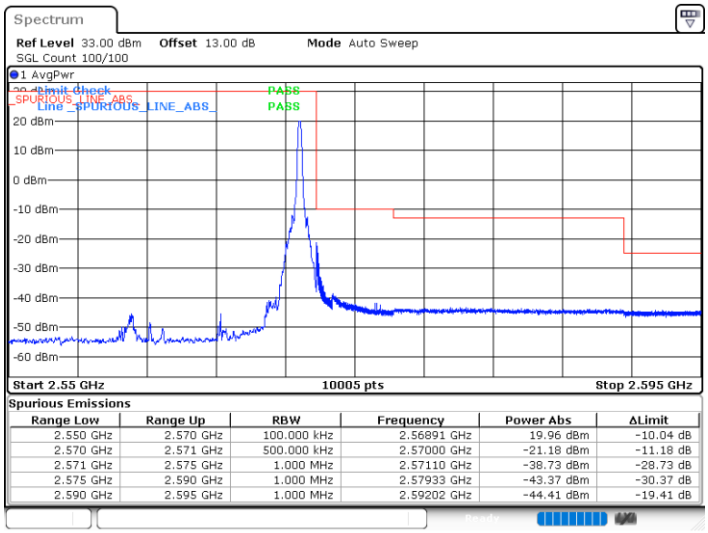



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49026 GHz | -43.26 dBm | -18.26 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49537 GHz | -42.90 dBm | -29.90 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49895 GHz | -37.98 dBm | -27.98 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -21.59 dBm | -11.59 dB |
| 2.500 GHz | 2.520 GHz | 100.000 kHz | 2.50110 GHz | 19.77 dBm | -10.23 dB |

Date: 16.JUN.2022 17:41:19

### Highest Band Edge / 1 RB

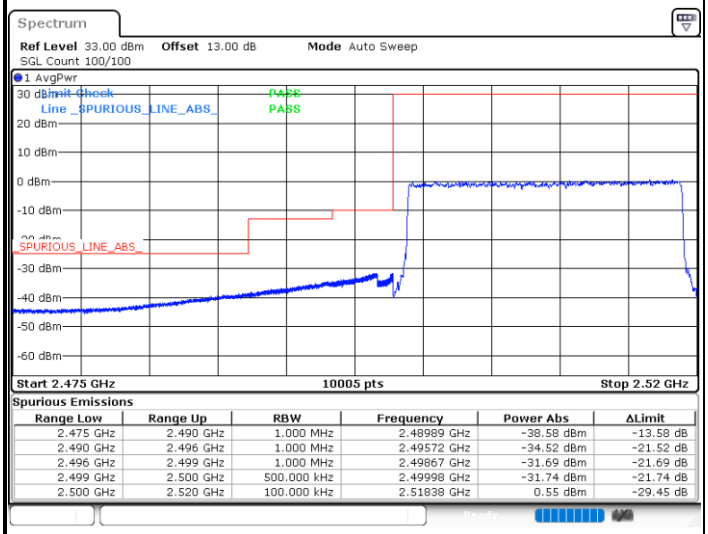



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56891 GHz | 19.96 dBm | -10.04 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57000 GHz | -21.18 dBm | -11.18 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57110 GHz | -38.73 dBm | -28.73 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57933 GHz | -43.37 dBm | -30.37 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59202 GHz | -44.41 dBm | -19.41 dB |

Date: 16.JUN.2022 17:45:35

### Lowest Band Edge / Full RB

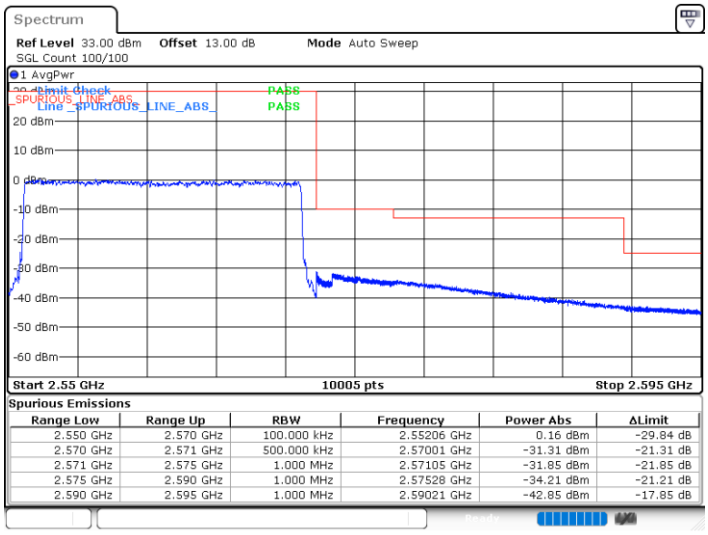



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48989 GHz | -38.58 dBm | -13.58 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49572 GHz | -34.52 dBm | -21.52 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49867 GHz | -31.69 dBm | -21.69 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.49998 GHz | -31.74 dBm | -21.74 dB |
| 2.500 GHz | 2.520 GHz | 100.000 kHz | 2.51838 GHz | 0.55 dBm | -29.45 dB |

Date: 16.JUN.2022 17:42:08

### Highest Band Edge / Full RB



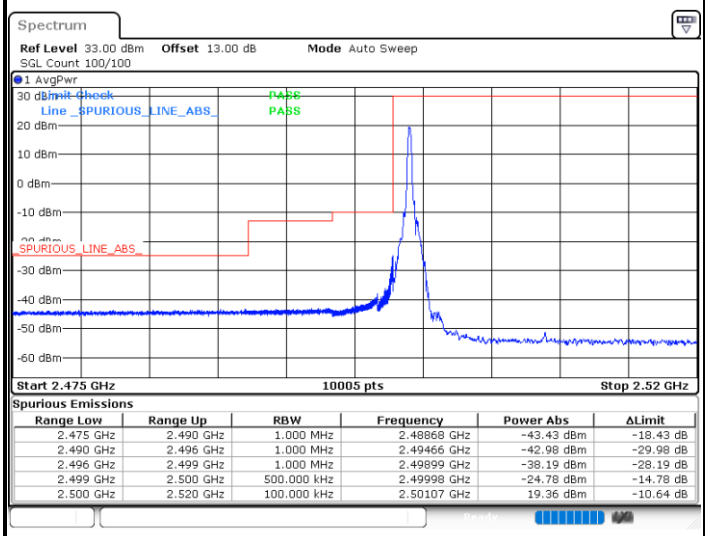

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.55206 GHz | 0.16 dBm | -29.84 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57001 GHz | -31.31 dBm | -21.31 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57105 GHz | -31.85 dBm | -21.85 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57528 GHz | -34.21 dBm | -21.21 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59021 GHz | -42.85 dBm | -17.85 dB |

Date: 16.JUN.2022 17:44:48

## LTE Band 7 / 20MHz / 64QAM

### Lowest Band Edge / 1 RB

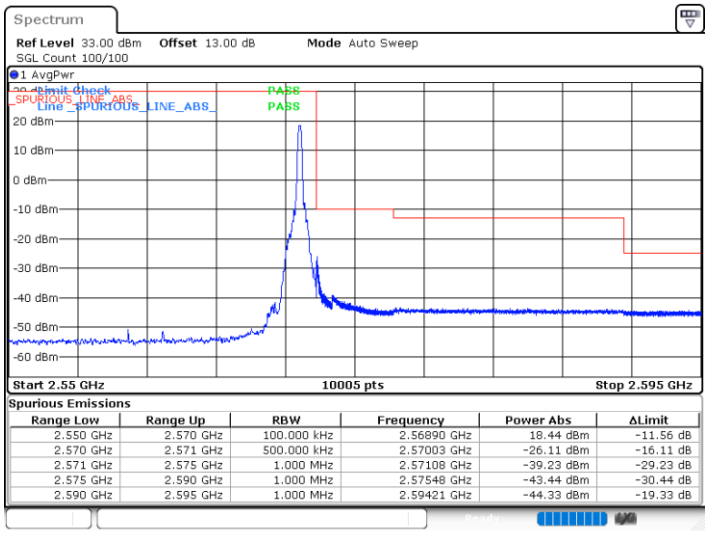



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48868 GHz | -43.43 dBm | -18.43 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49466 GHz | -42.98 dBm | -29.98 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -38.19 dBm | -28.19 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.49998 GHz | -24.78 dBm | -14.78 dB |
| 2.500 GHz | 2.520 GHz | 100.000 kHz | 2.50107 GHz | 19.36 dBm | -10.64 dB |

Date: 16.JUN.2022 17:41:37

### Highest Band Edge / 1 RB

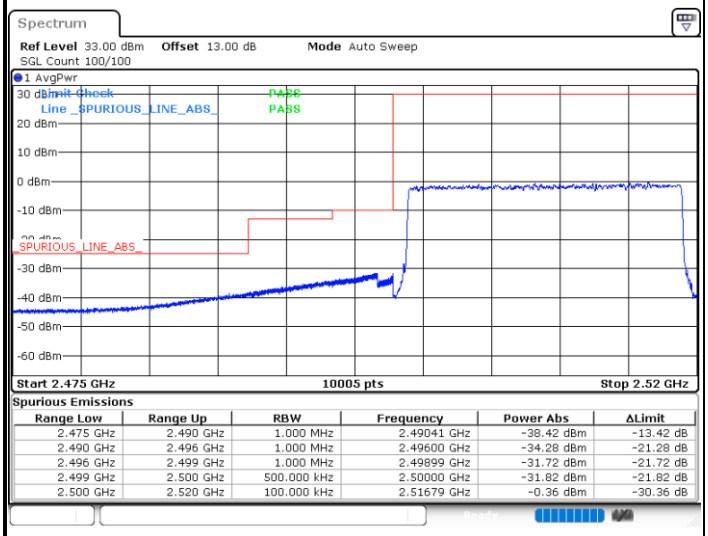



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56890 GHz | 18.44 dBm | -11.56 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57003 GHz | -26.11 dBm | -16.11 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57108 GHz | -39.23 dBm | -29.23 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57548 GHz | -43.44 dBm | -30.44 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59421 GHz | -44.33 dBm | -19.33 dB |

Date: 16.JUN.2022 17:45:22

### Lowest Band Edge / Full RB

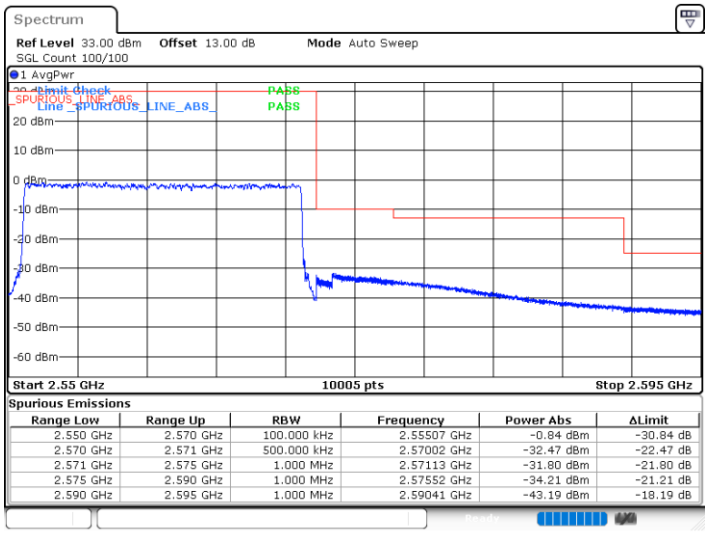



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49041 GHz | -38.42 dBm | -13.42 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49600 GHz | -34.28 dBm | -21.28 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -31.72 dBm | -21.72 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -31.82 dBm | -21.82 dB |
| 2.500 GHz | 2.520 GHz | 100.000 kHz | 2.51679 GHz | -0.36 dBm | -30.36 dB |

Date: 16.JUN.2022 17:41:56

### Highest Band Edge / Full RB




Spurious Emissions

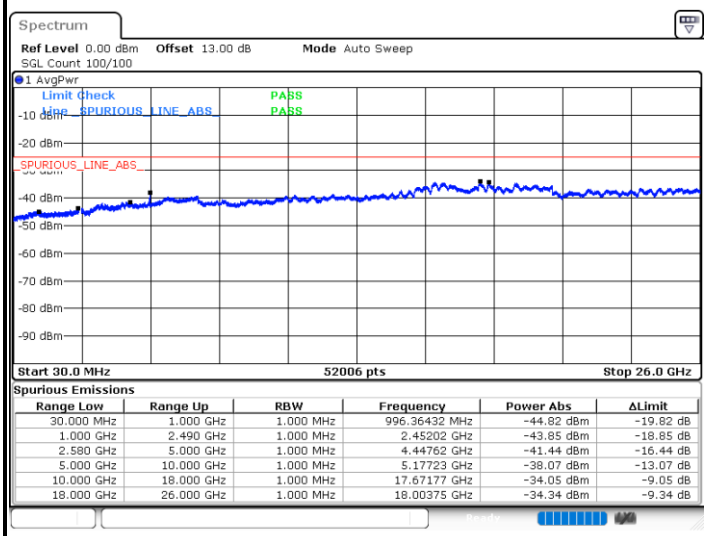
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.55507 GHz | -0.84 dBm | -30.84 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57002 GHz | -32.47 dBm | -22.47 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57113 GHz | -31.80 dBm | -21.80 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57552 GHz | -34.21 dBm | -21.21 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59041 GHz | -43.19 dBm | -18.19 dB |

Date: 16.JUN.2022 17:45:01

# Conducted Spurious Emission

## LTE Band 7 / 5MHz

### Lowest Channel / QPSK

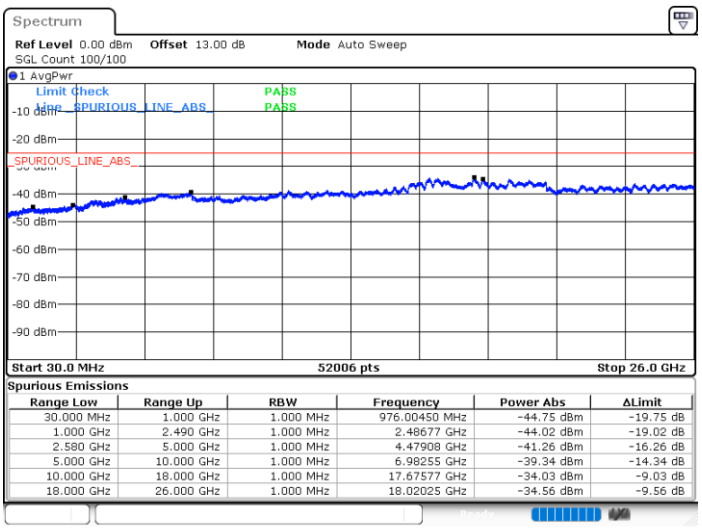



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 996.36432 MHz | -44.82 dBm | -19.82 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.45202 GHz | -43.85 dBm | -18.85 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.44762 GHz | -41.44 dBm | -16.44 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 5.17723 GHz | -38.07 dBm | -13.07 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.67177 GHz | -34.05 dBm | -9.05 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.00375 GHz | -34.34 dBm | -9.34 dB |

Date: 16.JUN.2022 17:08:42

### Middle Channel / QPSK

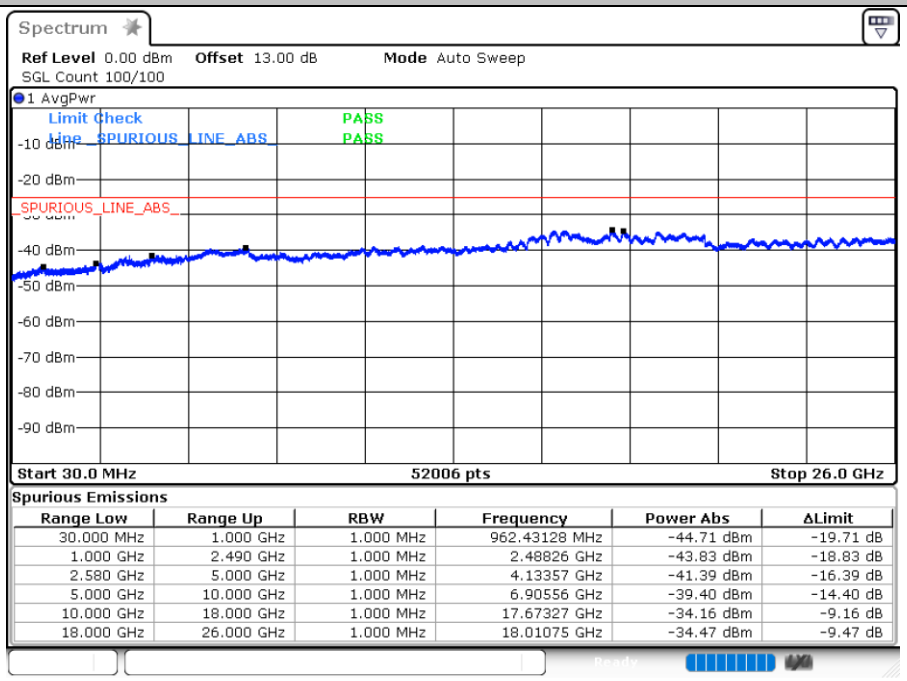



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.00450 MHz | -44.75 dBm | -19.75 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48677 GHz | -44.02 dBm | -19.02 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.47908 GHz | -41.26 dBm | -16.26 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.98255 GHz | -39.34 dBm | -14.34 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.67577 GHz | -34.03 dBm | -9.03 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.02025 GHz | -34.56 dBm | -9.56 dB |

Date: 16.JUN.2022 17:06:40

### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 962.43128 MHz | -44.71 dBm | -19.71 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48826 GHz | -43.83 dBm | -18.83 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.13357 GHz | -41.39 dBm | -16.39 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.90556 GHz | -39.40 dBm | -14.40 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.67327 GHz | -34.16 dBm | -9.16 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.01075 GHz | -34.47 dBm | -9.47 dB |

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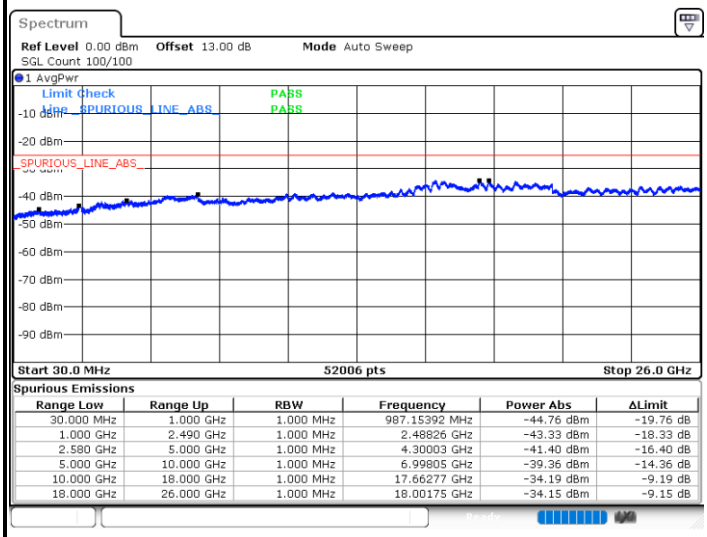
## LTE Band 7 / 10MHz

### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 987.15392 MHz | -44.76 dBm | -19.76 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48826 GHz | -43.33 dBm | -18.33 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.30003 GHz | -41.40 dBm | -16.40 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.99805 GHz | -39.36 dBm | -14.36 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.66277 GHz | -34.19 dBm | -9.19 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.00175 GHz | -34.15 dBm | -9.15 dB |

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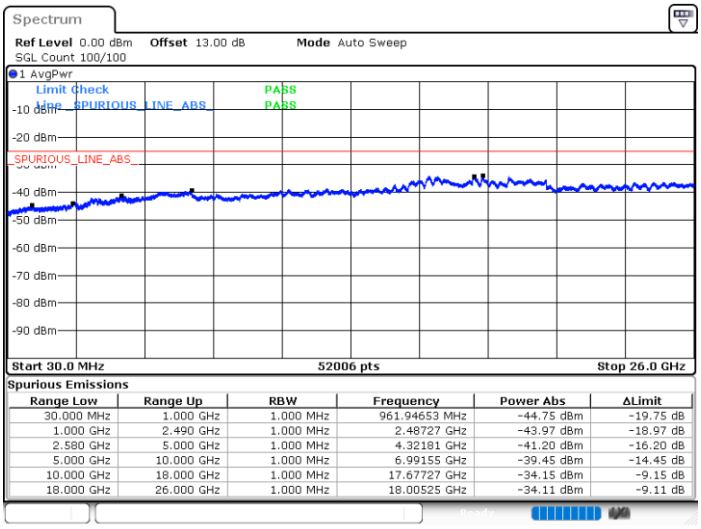
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 961.94653 MHz | -44.75 dBm | -19.75 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48727 GHz | -43.97 dBm | -18.97 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.32181 GHz | -41.20 dBm | -16.20 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.99155 GHz | -39.45 dBm | -14.45 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.67727 GHz | -34.15 dBm | -9.15 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.00525 GHz | -34.11 dBm | -9.11 dB |

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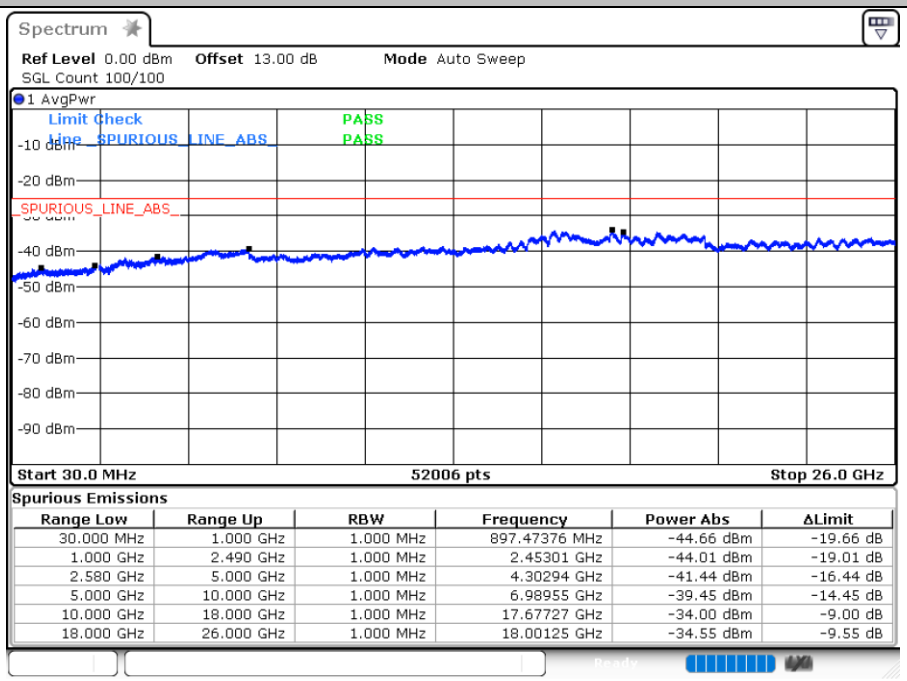
### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 897.47376 MHz | -44.66 dBm | -19.66 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.45301 GHz | -44.01 dBm | -19.01 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.30294 GHz | -41.44 dBm | -16.44 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.98955 GHz | -39.45 dBm | -14.45 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.67727 GHz | -34.00 dBm | -9.00 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.00125 GHz | -34.55 dBm | -9.55 dB |

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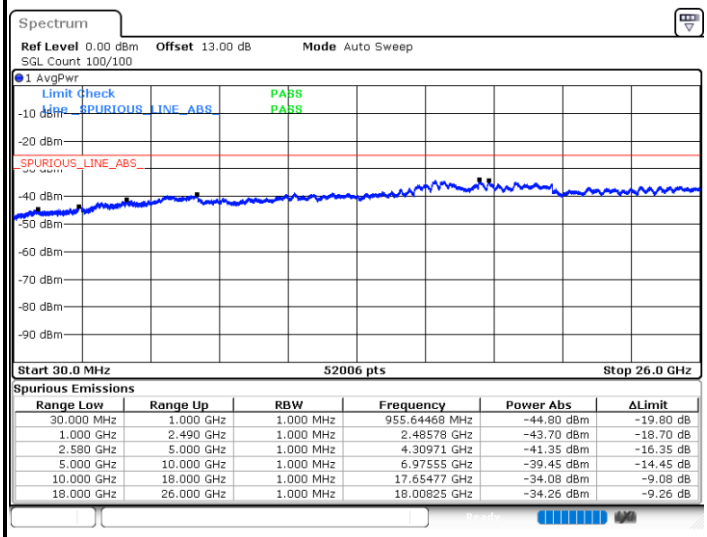
## LTE Band 7 / 15MHz

### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 955.64468 MHz | -44.80 dBm | -19.80 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48578 GHz | -43.70 dBm | -18.70 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.30971 GHz | -41.35 dBm | -16.35 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.97555 GHz | -39.45 dBm | -14.45 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.65477 GHz | -34.08 dBm | -9.08 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.00825 GHz | -34.26 dBm | -9.26 dB |

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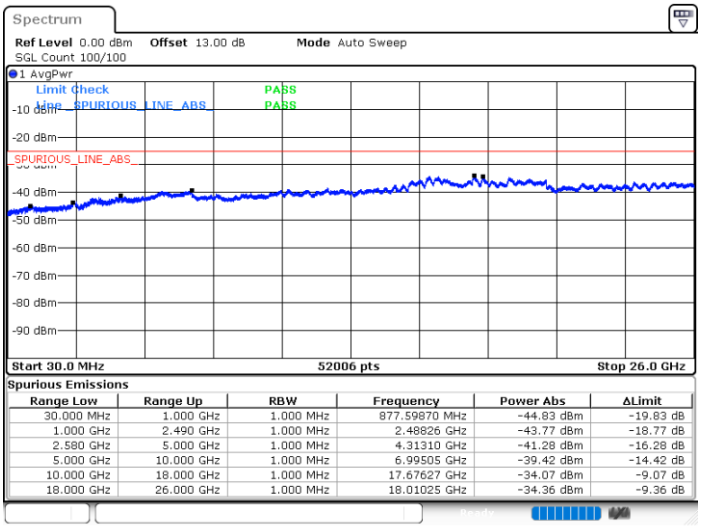
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 877.59870 MHz | -44.83 dBm | -19.83 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48826 GHz | -43.77 dBm | -18.77 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.31310 GHz | -41.28 dBm | -16.28 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.99505 GHz | -39.42 dBm | -14.42 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.67627 GHz | -34.07 dBm | -9.07 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.01025 GHz | -34.36 dBm | -9.36 dB |

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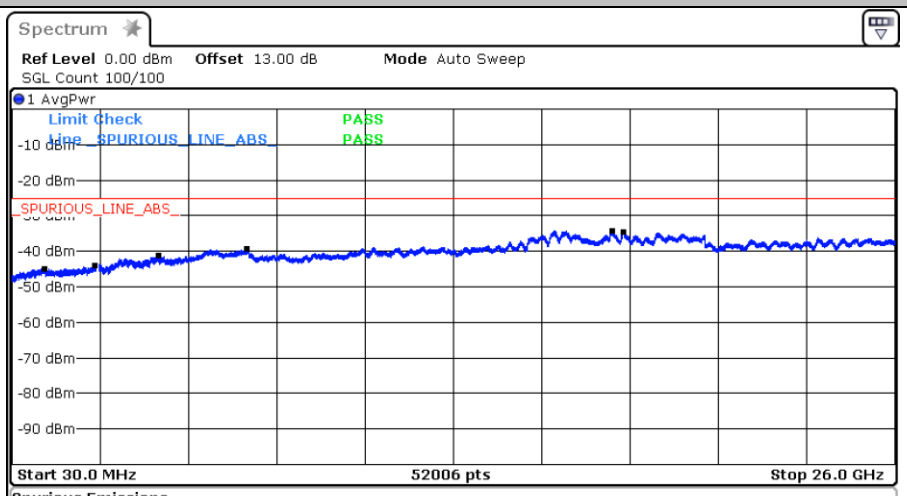
### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 978.91304 MHz | -44.84 dBm | -19.84 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.47188 GHz | -44.01 dBm | -19.01 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.33052 GHz | -41.26 dBm | -16.26 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.92706 GHz | -39.40 dBm | -14.40 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.67027 GHz | -34.12 dBm | -9.12 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.02375 GHz | -34.55 dBm | -9.55 dB |

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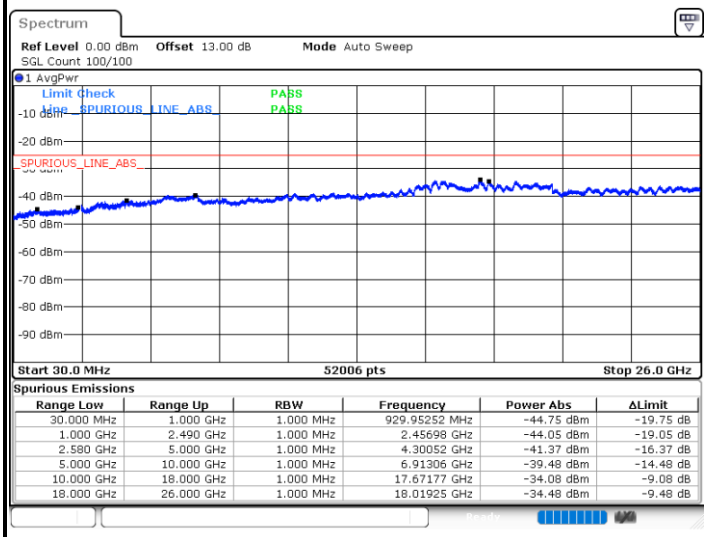
## LTE Band 7 / 20MHz

### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 929.95252 MHz | -44.75 dBm | -19.75 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.45698 GHz | -44.05 dBm | -19.05 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.30052 GHz | -41.37 dBm | -16.37 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.91306 GHz | -39.48 dBm | -14.48 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.67177 GHz | -34.08 dBm | -9.08 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.01925 GHz | -34.48 dBm | -9.48 dB |

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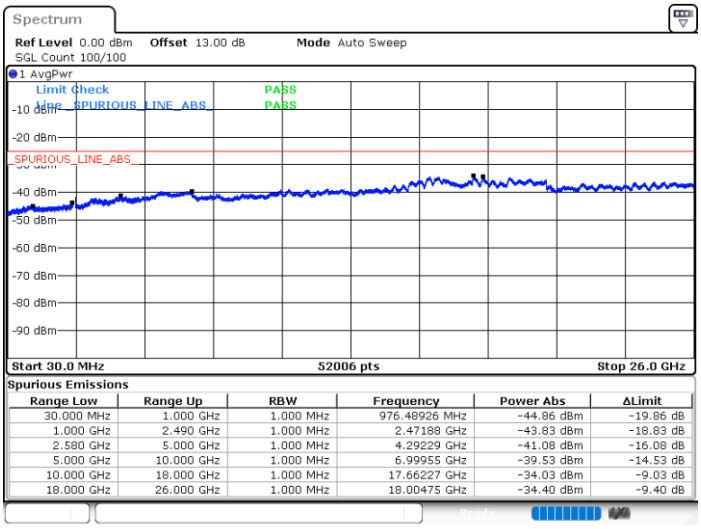
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.48926 MHz | -44.86 dBm | -19.86 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.47188 GHz | -43.83 dBm | -18.83 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.29229 GHz | -41.08 dBm | -16.08 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.99955 GHz | -39.53 dBm | -14.53 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.66227 GHz | -34.03 dBm | -9.03 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.00475 GHz | -34.40 dBm | -9.40 dB |

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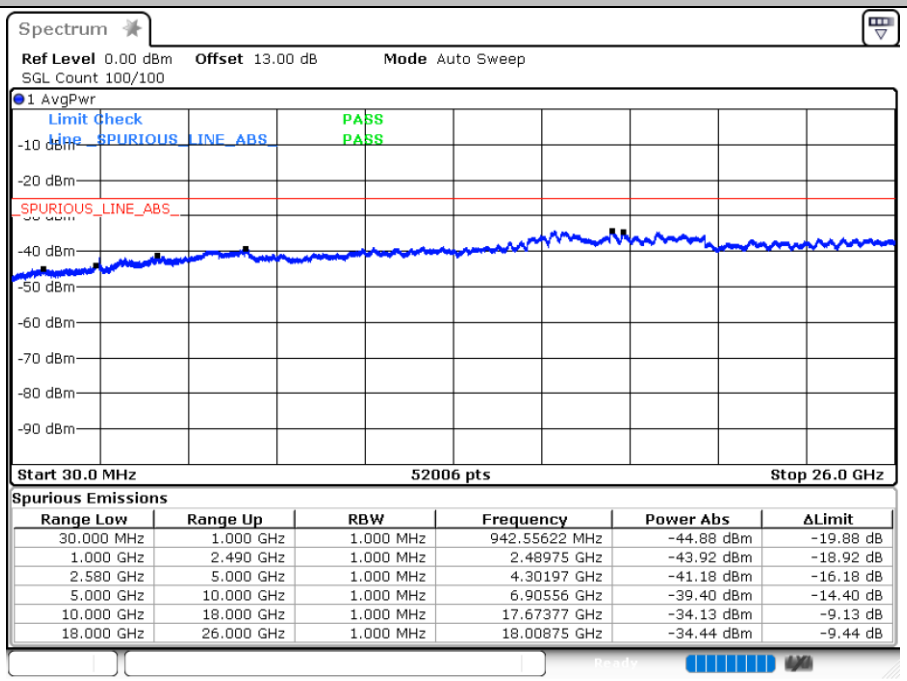
### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 942.55622 MHz | -44.88 dBm | -19.88 dB |
| 1.000 GHz | 2.490 GHz | 1.000 MHz | 2.48975 GHz | -43.92 dBm | -18.92 dB |
| 2.580 GHz | 5.000 GHz | 1.000 MHz | 4.30197 GHz | -41.18 dBm | -16.18 dB |
| 5.000 GHz | 10.000 GHz | 1.000 MHz | 6.90556 GHz | -39.40 dBm | -14.40 dB |
| 10.000 GHz | 18.000 GHz | 1.000 MHz | 17.67377 GHz | -34.13 dBm | -9.13 dB |
| 18.000 GHz | 26.000 GHz | 1.000 MHz | 18.00875 GHz | -34.44 dBm | -9.44 dB |

Date: 16.JUN.2022 17:47:35

# Frequency Stability

| Test Conditions | | LTE Band 7 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0019 | PASS |
| 40 | Normal Voltage | 0.0024 | |
| 30 | Normal Voltage | 0.0008 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0015 | |
| 0 | Normal Voltage | 0.0026 | |
| -10 | Normal Voltage | 0.0029 | |
| -20 | Normal Voltage | 0.0025 | |
| -30 | Normal Voltage | 0.0016 | |
| 20 | Maximum Voltage | 0.0004 | |
| 20 | Normal Voltage | 0.0013 | |
| 20 | Battery End Point | 0.0021 | |

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

| Test Engineer : | Chris Chen | Temperature : | 23~25℃ |
|---|---|---|---|
| | | Relative Humidity : | 41~42% |

| LTE Band 7 / 20MHz / QPSK | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5004 | -58.04 | -25 | -33.04 | -68.25 | 3.03 | 13.24 | H |
| | 7504 | -51.43 | -25 | -26.43 | -60.88 | 3.56 | 13.01 | H |
| | 10000 | -60.44 | -25 | -35.44 | -69.96 | 3.92 | 13.44 | H |
| | 5004 | -61.40 | -25 | -36.40 | -71.61 | 3.03 | 13.24 | V |
| | 7504 | -49.45 | -25 | -24.45 | -58.90 | 3.56 | 13.01 | V |
| | 10000 | -60.64 | -25 | -35.64 | -70.16 | 3.92 | 13.44 | V |
| Middle | 5052 | -57.83 | -25 | -32.83 | -68.04 | 3.03 | 13.24 | H |
| | 7580 | -47.36 | -25 | -22.36 | -56.81 | 3.56 | 13.01 | H |
| | 10100 | -60.39 | -25 | -35.39 | -69.91 | 3.92 | 13.44 | H |
| | 5052 | -62.42 | -25 | -37.42 | -72.63 | 3.03 | 13.24 | V |
| | 7580 | -48.66 | -25 | -23.66 | -58.11 | 3.56 | 13.01 | V |
| | 10100 | -60.47 | -25 | -35.47 | -69.99 | 3.92 | 13.44 | V |
| Highest | 5104 | -58.88 | -25 | -33.88 | -69.09 | 3.03 | 13.24 | H |
| | 7652 | -46.64 | -25 | -21.64 | -56.09 | 3.56 | 13.01 | H |
| | 10200 | -60.50 | -25 | -35.50 | -70.02 | 3.92 | 13.44 | H |
| | 5104 | -63.60 | -25 | -38.60 | -73.81 | 3.03 | 13.24 | V |
| | 7652 | -47.61 | -25 | -22.61 | -57.06 | 3.56 | 13.01 | V |
| | 10200 | -60.51 | -25 | -35.51 | -70.03 | 3.92 | 13.44 | V |

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

| LTE Band 38 / 20MHz / QPSK | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5144 | -60.38 | -25 | -35.38 | -70.59 | 3.03 | 13.24 | H |
| | 7712 | -59.98 | -25 | -34.98 | -69.43 | 3.56 | 13.01 | H |
| | 10280 | -59.03 | -25 | -34.03 | -68.55 | 3.92 | 13.44 | H |
| | 5144 | -62.37 | -25 | -37.37 | -72.58 | 3.03 | 13.24 | V |
| | 7712 | -60.07 | -25 | -35.07 | -69.52 | 3.56 | 13.01 | V |
| | 10280 | -59.05 | -25 | -34.05 | -68.57 | 3.92 | 13.44 | V |
| Middle | 5172 | -60.37 | -25 | -35.37 | -70.58 | 3.03 | 13.24 | H |
| | 7760 | -60.23 | -25 | -35.23 | -69.68 | 3.56 | 13.01 | H |
| | 10340 | -58.29 | -25 | -33.29 | -67.81 | 3.92 | 13.44 | H |
| | 5172 | -62.18 | -25 | -37.18 | -72.39 | 3.03 | 13.24 | V |
| | 7760 | -58.88 | -25 | -33.88 | -68.33 | 3.56 | 13.01 | V |
| | 10340 | -58.15 | -25 | -33.15 | -67.67 | 3.92 | 13.44 | V |
| Highest | 5204 | -60.17 | -25 | -35.17 | -70.38 | 3.03 | 13.24 | H |
| | 7804 | -60.24 | -25 | -35.24 | -69.69 | 3.56 | 13.01 | H |
| | 10400 | -58.48 | -25 | -33.48 | -68.00 | 3.92 | 13.44 | H |
| | 5204 | -62.36 | -25 | -37.36 | -72.57 | 3.03 | 13.24 | V |
| | 7804 | -59.75 | -25 | -34.75 | -69.20 | 3.56 | 13.01 | V |
| | 10400 | -58.65 | -25 | -33.65 | -68.17 | 3.92 | 13.44 | V |

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

| LTE Band 41 / 20MHz / QPSK | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 4992 | -48.96 | -25 | -23.96 | -59.17 | 3.03 | 13.24 | H |
| | 7492 | -43.22 | -25 | -18.22 | -52.67 | 3.56 | 13.01 | H |
| | 9990 | -60.84 | -25 | -35.84 | -70.36 | 3.92 | 13.44 | H |
| | 4992 | -47.26 | -25 | -22.26 | -57.47 | 3.03 | 13.24 | V |
| | 7492 | -43.40 | -25 | -18.40 | -52.85 | 3.56 | 13.01 | V |
| | 9990 | -60.75 | -25 | -35.75 | -70.27 | 3.92 | 13.44 | V |
| Middle | 5168 | -53.00 | -25 | -28.00 | -63.21 | 3.03 | 13.24 | H |
| | 7752 | -44.67 | -25 | -19.67 | -54.12 | 3.56 | 13.01 | H |
| | 10340 | -61.27 | -25 | -36.27 | -70.79 | 3.92 | 13.44 | H |
| | 5168 | -48.69 | -25 | -23.69 | -58.90 | 3.03 | 13.24 | V |
| | 7752 | -45.04 | -25 | -20.04 | -54.49 | 3.56 | 13.01 | V |
| | 10340 | -61.25 | -25 | -36.25 | -70.77 | 3.92 | 13.44 | V |
| Highest | 5340 | -55.84 | -25 | -30.84 | -66.05 | 3.03 | 13.24 | H |
| | 8015 | -48.50 | -25 | -23.50 | -57.95 | 3.56 | 13.01 | H |
| | 10688 | -59.87 | -25 | -34.87 | -69.39 | 3.92 | 13.44 | H |
| | 5340 | -57.08 | -25 | -32.08 | -67.29 | 3.03 | 13.24 | V |
| | 8015 | -45.58 | -25 | -20.58 | -55.03 | 3.56 | 13.01 | V |
| | 10688 | -59.66 | -25 | -34.66 | -69.18 | 3.92 | 13.44 | V |

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

| LTE Band 7C_CA / 20MHz+20MHz / QPSK | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5040 | -57.96 | -25 | -32.96 | -68.17 | 3.03 | 13.24 | H |
| | 7560 | -45.26 | -25 | -20.26 | -54.71 | 3.56 | 13.01 | H |
| | 10080 | -60.70 | -25 | -35.70 | -70.22 | 3.92 | 13.44 | H |
| | 5040 | -60.90 | -25 | -35.90 | -71.11 | 3.03 | 13.24 | V |
| | 7560 | -46.40 | -25 | -21.40 | -55.85 | 3.56 | 13.01 | V |
| | 10080 | -59.68 | -25 | -34.68 | -69.20 | 3.92 | 13.44 | V |
| Middle | 5072 | -58.58 | -25 | -33.58 | -68.79 | 3.03 | 13.24 | H |
| | 7604 | -49.66 | -25 | -24.66 | -59.11 | 3.56 | 13.01 | H |
| | 10140 | -60.03 | -25 | -35.03 | -69.55 | 3.92 | 13.44 | H |
| | 5072 | -63.48 | -25 | -38.48 | -73.69 | 3.03 | 13.24 | V |
| | 7604 | -45.97 | -25 | -20.97 | -55.42 | 3.56 | 13.01 | V |
| | 10140 | -59.96 | -25 | -34.96 | -69.48 | 3.92 | 13.44 | V |
| Highest | 5104 | -62.08 | -25 | -37.08 | -72.29 | 3.03 | 13.24 | H |
| | 7652 | -43.70 | -25 | -18.70 | -53.15 | 3.56 | 13.01 | H |
| | 10200 | -60.06 | -25 | -35.06 | -69.58 | 3.92 | 13.44 | H |
| | 12750 | -58.14 | -25 | -33.14 | -68.06 | 4.44 | 14.36 | H |
| | 5104 | -64.09 | -25 | -39.09 | -74.30 | 3.03 | 13.24 | V |
| | 7652 | -44.52 | -25 | -19.52 | -53.97 | 3.56 | 13.01 | V |
| | 10200 | -59.72 | -25 | -34.72 | -69.24 | 3.92 | 13.44 | V |
| | 12750 | -56.60 | -25 | -31.60 | -66.52 | 4.44 | 14.36 | V |

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

| LTE Band 41C_CA / 20MHz+20MHz / QPSK | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5032 | -48.16 | -25 | -23.16 | -58.37 | 3.03 | 13.24 | H |
| | 7548 | -44.53 | -25 | -19.53 | -53.98 | 3.56 | 13.01 | H |
| | 10070 | -60.46 | -25 | -35.46 | -69.98 | 3.92 | 13.44 | H |
| | 5032 | -47.74 | -25 | -22.74 | -57.95 | 3.03 | 13.24 | V |
| | 7548 | -46.34 | -25 | -21.34 | -55.79 | 3.56 | 13.01 | V |
| | 10070 | -60.74 | -25 | -35.74 | -70.26 | 3.92 | 13.44 | V |
| Middle | 5184 | -53.23 | -25 | -28.23 | -63.44 | 3.03 | 13.24 | H |
| | 7776 | -48.74 | -25 | -23.74 | -58.19 | 3.56 | 13.01 | H |
| | 10380 | -60.79 | -25 | -35.79 | -70.31 | 3.92 | 13.44 | H |
| | 5184 | -49.64 | -25 | -24.64 | -59.85 | 3.03 | 13.24 | V |
| | 7776 | -48.21 | -25 | -23.21 | -57.66 | 3.56 | 13.01 | V |
| | 10380 | -60.91 | -25 | -35.91 | -70.43 | 3.92 | 13.44 | V |
| Highest | 5340 | -59.16 | -25 | -34.16 | -69.37 | 3.03 | 13.24 | H |
| | 8010 | -51.28 | -25 | -26.28 | -60.73 | 3.56 | 13.01 | H |
| | 10684 | -59.60 | -25 | -34.60 | -69.12 | 3.92 | 13.44 | H |
| | 5340 | -55.09 | -25 | -30.09 | -65.30 | 3.03 | 13.24 | V |
| | 8010 | -52.73 | -25 | -27.73 | -62.18 | 3.56 | 13.01 | V |
| | 10684 | -59.80 | -25 | -34.80 | -69.32 | 3.92 | 13.44 | V |

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