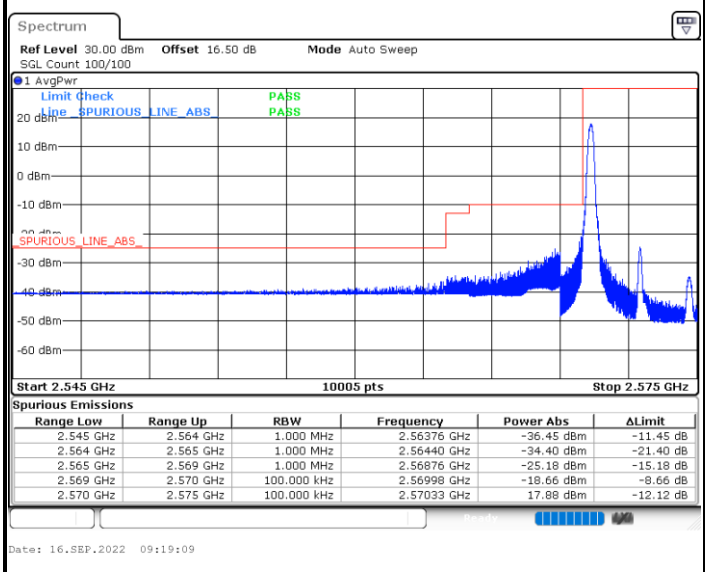
## LTE Band 38 / 5MHz / 256QAM

### Lowest Band Edge / 1RB

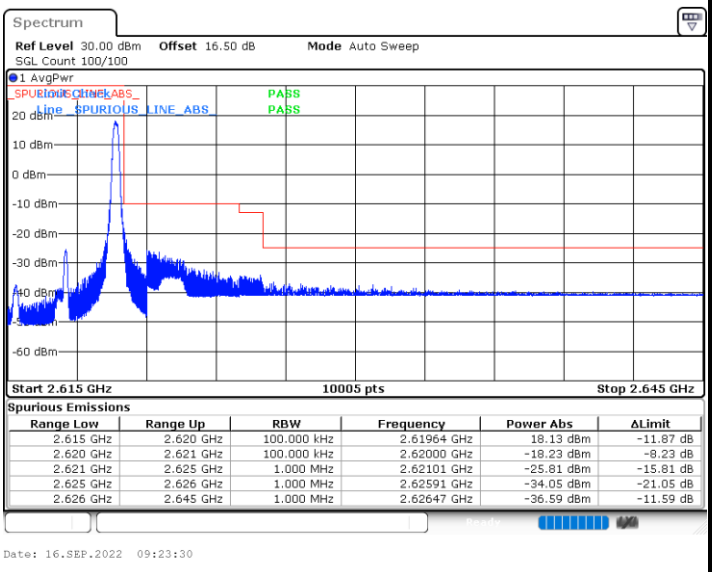



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.564 GHz | 1.000 MHz | 2.56376 GHz | -36.45 dBm | -11.45 dB |
| 2.564 GHz | 2.565 GHz | 1.000 MHz | 2.56440 GHz | -34.40 dBm | -21.40 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56876 GHz | -25.18 dBm | -15.18 dB |
| 2.569 GHz | 2.570 GHz | 100.000 kHz | 2.56998 GHz | -18.66 dBm | -8.66 dB |
| 2.570 GHz | 2.575 GHz | 100.000 kHz | 2.57033 GHz | 17.88 dBm | -12.12 dB |

Date: 16.SEP.2022 09:19:09

### Highest Band Edge / 1 RB

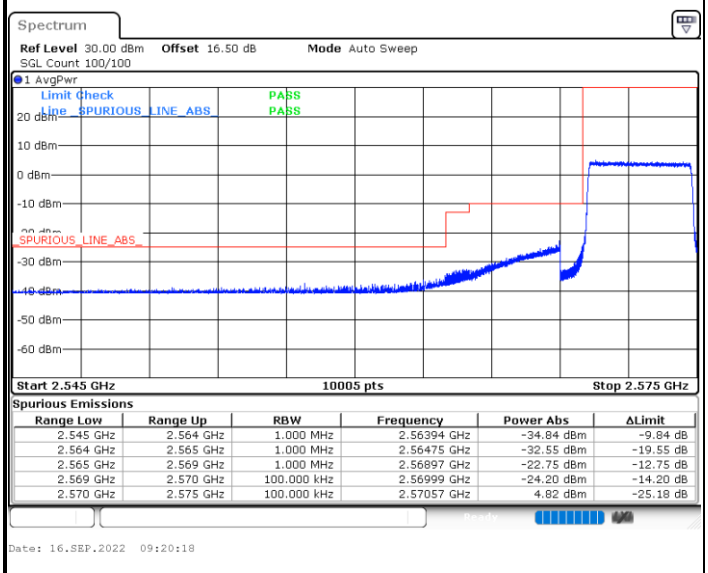



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.615 GHz | 2.620 GHz | 100.000 kHz | 2.61964 GHz | 18.13 dBm | -11.87 dB |
| 2.620 GHz | 2.621 GHz | 100.000 kHz | 2.62000 GHz | -18.23 dBm | -8.23 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62101 GHz | -25.81 dBm | -15.81 dB |
| 2.625 GHz | 2.626 GHz | 1.000 MHz | 2.62591 GHz | -34.05 dBm | -21.05 dB |
| 2.626 GHz | 2.645 GHz | 1.000 MHz | 2.62647 GHz | -36.59 dBm | -11.59 dB |

Date: 16.SEP.2022 09:23:30

### Lowest Band Edge / Full RB

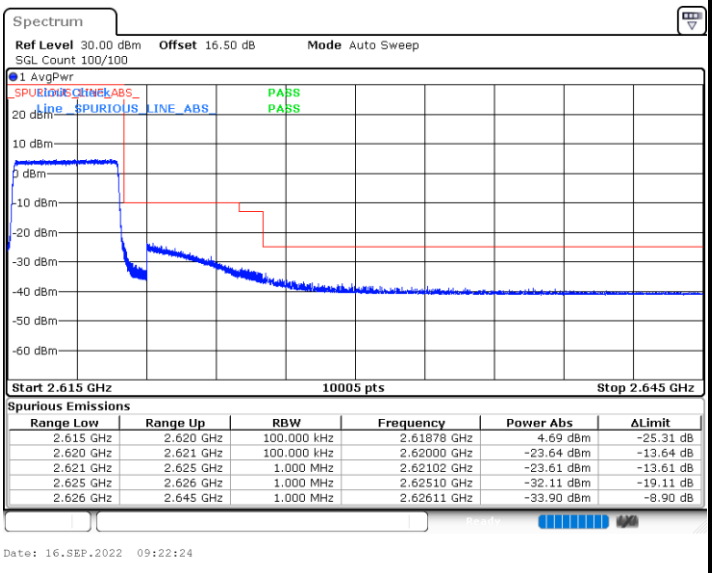



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.564 GHz | 1.000 MHz | 2.56394 GHz | -34.84 dBm | -9.84 dB |
| 2.564 GHz | 2.565 GHz | 1.000 MHz | 2.56475 GHz | -32.55 dBm | -19.55 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56897 GHz | -22.75 dBm | -12.75 dB |
| 2.569 GHz | 2.570 GHz | 100.000 kHz | 2.56999 GHz | -24.20 dBm | -14.20 dB |
| 2.570 GHz | 2.575 GHz | 100.000 kHz | 2.57057 GHz | 4.82 dBm | -25.18 dB |

Date: 16.SEP.2022 09:20:18

### Highest Band Edge / Full RB



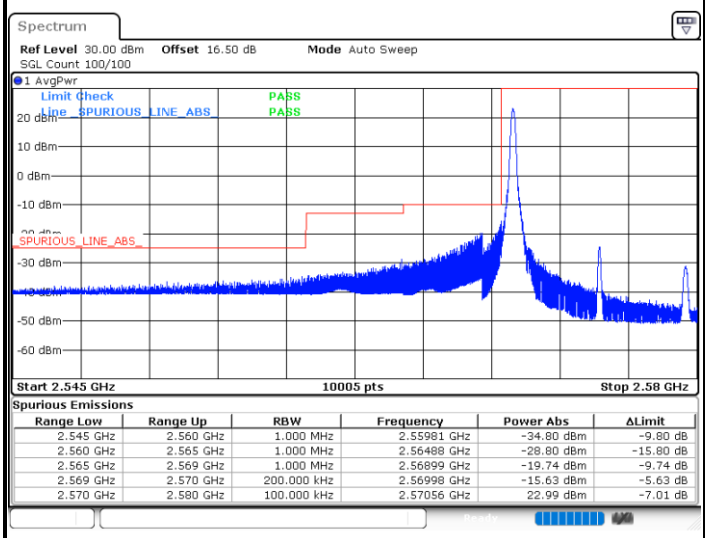

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.615 GHz | 2.620 GHz | 100.000 kHz | 2.61878 GHz | 4.69 dBm | -25.31 dB |
| 2.620 GHz | 2.621 GHz | 100.000 kHz | 2.62000 GHz | -23.64 dBm | -13.64 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62102 GHz | -23.61 dBm | -13.61 dB |
| 2.625 GHz | 2.626 GHz | 1.000 MHz | 2.62510 GHz | -32.11 dBm | -19.11 dB |
| 2.626 GHz | 2.645 GHz | 1.000 MHz | 2.62611 GHz | -33.90 dBm | -8.90 dB |

Date: 16.SEP.2022 09:22:24

## LTE Band 38 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

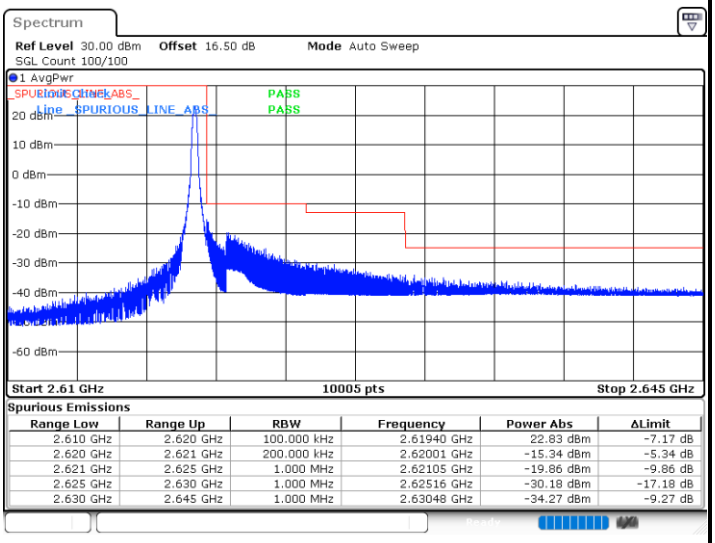



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.560 GHz | 1.000 MHz | 2.55981 GHz | -34.80 dBm | -9.80 dB |
| 2.560 GHz | 2.565 GHz | 1.000 MHz | 2.56488 GHz | -28.80 dBm | -15.80 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56899 GHz | -19.74 dBm | -9.74 dB |
| 2.569 GHz | 2.570 GHz | 200.000 kHz | 2.56998 GHz | -15.63 dBm | -5.63 dB |
| 2.570 GHz | 2.580 GHz | 100.000 kHz | 2.57056 GHz | 22.99 dBm | -7.01 dB |

Date: 1.SEP.2022 11:38:46

### Highest Band Edge / 1 RB

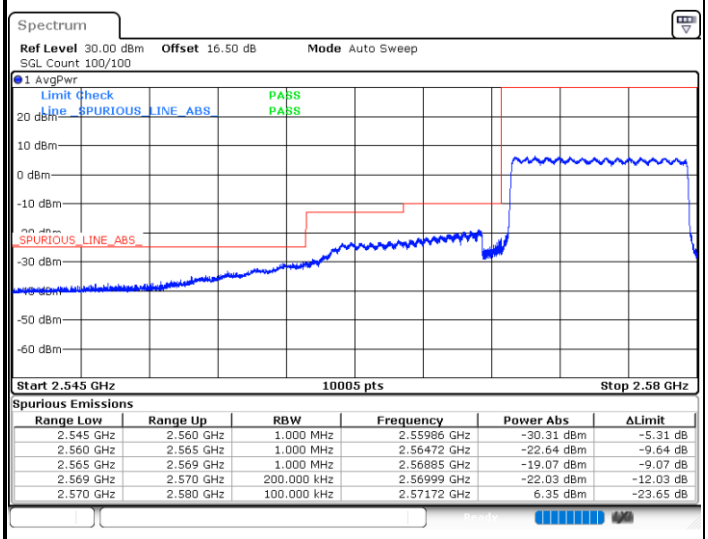



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.610 GHz | 2.620 GHz | 100.000 kHz | 2.61940 GHz | 22.83 dBm | -7.17 dB |
| 2.620 GHz | 2.621 GHz | 200.000 kHz | 2.62001 GHz | -15.34 dBm | -5.34 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62105 GHz | -19.86 dBm | -9.86 dB |
| 2.625 GHz | 2.630 GHz | 1.000 MHz | 2.62516 GHz | -30.18 dBm | -17.18 dB |
| 2.630 GHz | 2.645 GHz | 1.000 MHz | 2.63048 GHz | -34.27 dBm | -9.27 dB |

Date: 1.SEP.2022 11:44:45

### Lowest Band Edge / Full RB

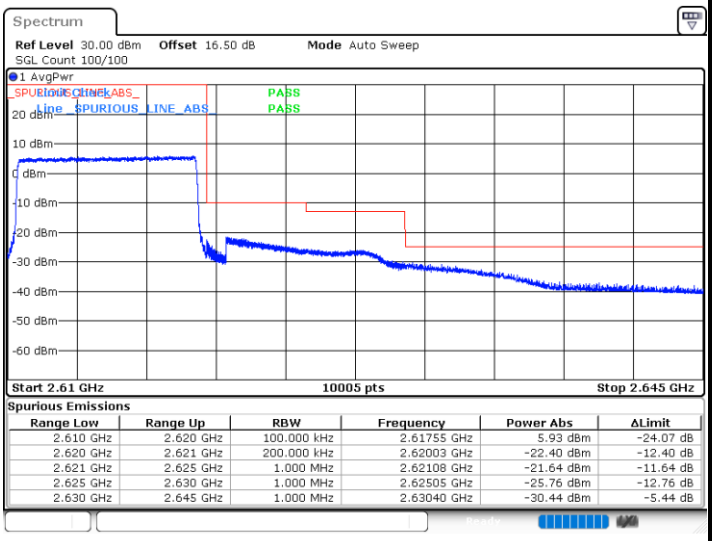



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.560 GHz | 1.000 MHz | 2.55986 GHz | -30.31 dBm | -5.31 dB |
| 2.560 GHz | 2.565 GHz | 1.000 MHz | 2.56472 GHz | -22.64 dBm | -9.64 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56885 GHz | -19.07 dBm | -9.07 dB |
| 2.569 GHz | 2.570 GHz | 200.000 kHz | 2.56999 GHz | -22.03 dBm | -12.03 dB |
| 2.570 GHz | 2.580 GHz | 100.000 kHz | 2.57172 GHz | 6.35 dBm | -23.65 dB |

Date: 1.SEP.2022 11:40:45

### Highest Band Edge / Full RB



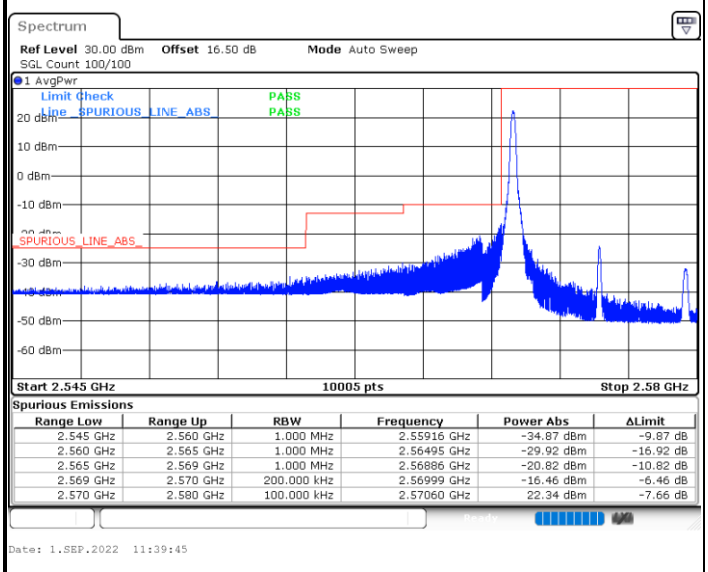

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.610 GHz | 2.620 GHz | 100.000 kHz | 2.61755 GHz | 5.93 dBm | -24.07 dB |
| 2.620 GHz | 2.621 GHz | 200.000 kHz | 2.62003 GHz | -22.40 dBm | -12.40 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62108 GHz | -21.64 dBm | -11.64 dB |
| 2.625 GHz | 2.630 GHz | 1.000 MHz | 2.62505 GHz | -25.76 dBm | -12.76 dB |
| 2.630 GHz | 2.645 GHz | 1.000 MHz | 2.63040 GHz | -30.44 dBm | -5.44 dB |

Date: 1.SEP.2022 11:42:45

## LTE Band 38 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

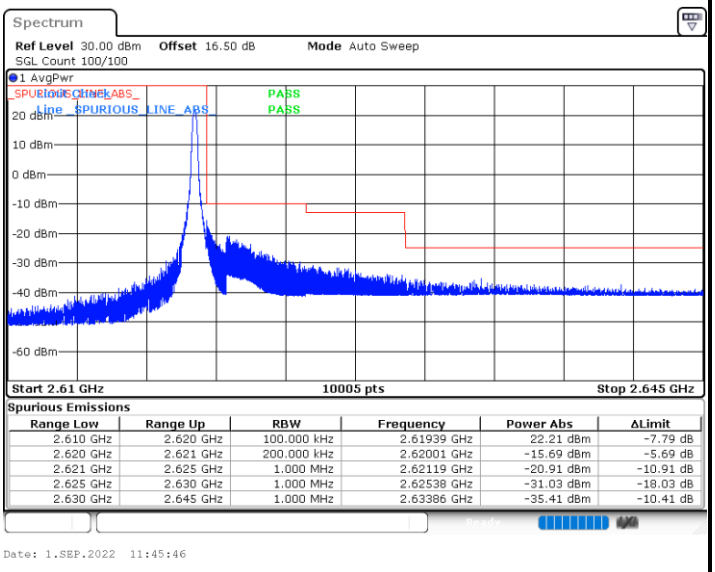



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.560 GHz | 1.000 MHz | 2.55916 GHz | -34.87 dBm | -9.87 dB |
| 2.560 GHz | 2.565 GHz | 1.000 MHz | 2.56495 GHz | -29.92 dBm | -16.92 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56886 GHz | -20.82 dBm | -10.82 dB |
| 2.569 GHz | 2.570 GHz | 200.000 kHz | 2.56999 GHz | -16.46 dBm | -6.46 dB |
| 2.570 GHz | 2.580 GHz | 100.000 kHz | 2.57060 GHz | 22.34 dBm | -7.66 dB |

Date: 1.SEP.2022 11:39:45

### Highest Band Edge / 1 RB

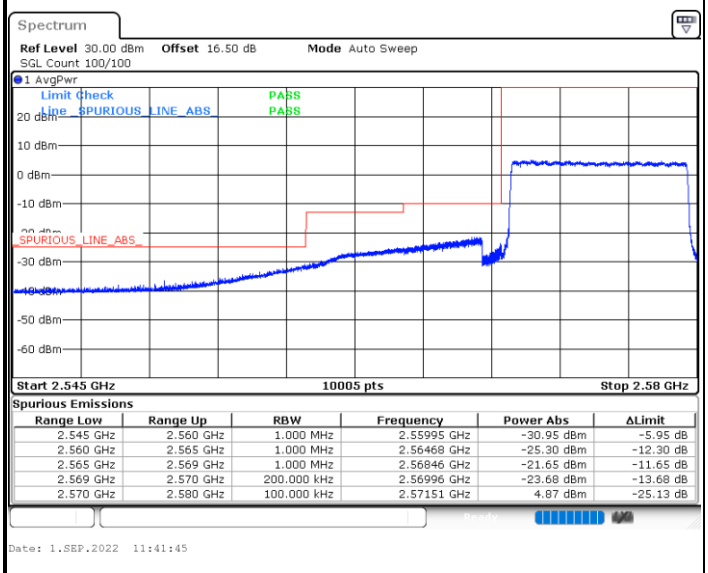



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.610 GHz | 2.620 GHz | 100.000 kHz | 2.61939 GHz | 22.21 dBm | -7.79 dB |
| 2.620 GHz | 2.621 GHz | 200.000 kHz | 2.62001 GHz | -15.69 dBm | -5.69 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62119 GHz | -20.91 dBm | -10.91 dB |
| 2.625 GHz | 2.630 GHz | 1.000 MHz | 2.62538 GHz | -31.03 dBm | -18.03 dB |
| 2.630 GHz | 2.645 GHz | 1.000 MHz | 2.63386 GHz | -35.41 dBm | -10.41 dB |

Date: 1.SEP.2022 11:45:46

### Lowest Band Edge / Full RB

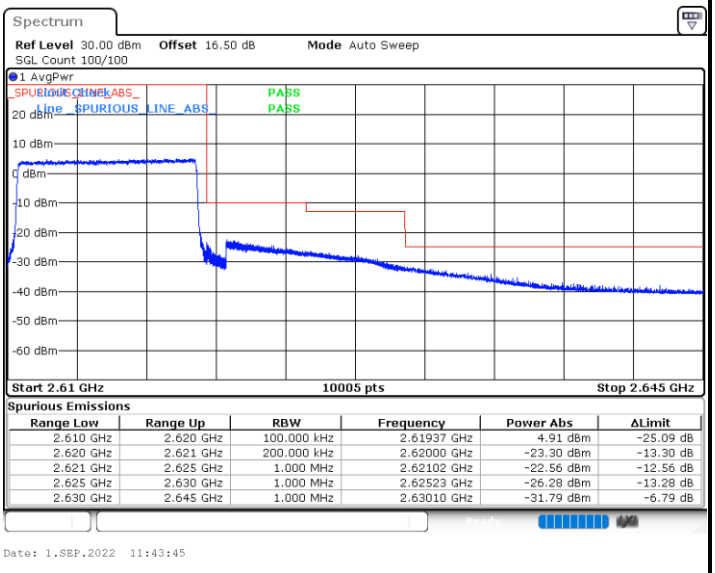



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.560 GHz | 1.000 MHz | 2.55995 GHz | -30.95 dBm | -5.95 dB |
| 2.560 GHz | 2.565 GHz | 1.000 MHz | 2.56468 GHz | -25.30 dBm | -12.30 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56846 GHz | -21.65 dBm | -11.65 dB |
| 2.569 GHz | 2.570 GHz | 200.000 kHz | 2.56996 GHz | -23.68 dBm | -13.68 dB |
| 2.570 GHz | 2.580 GHz | 100.000 kHz | 2.57151 GHz | 4.87 dBm | -25.13 dB |

Date: 1.SEP.2022 11:41:45

### Highest Band Edge / Full RB



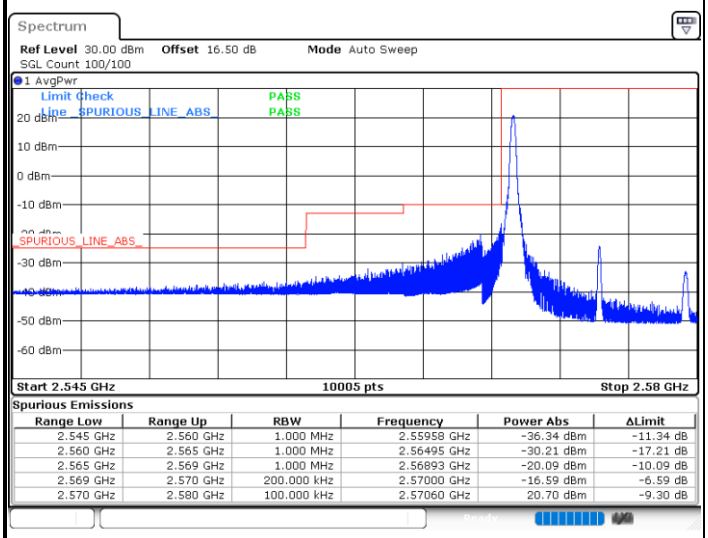

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.610 GHz | 2.620 GHz | 100.000 kHz | 2.61937 GHz | 4.91 dBm | -25.09 dB |
| 2.620 GHz | 2.621 GHz | 200.000 kHz | 2.62000 GHz | -23.30 dBm | -13.30 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62102 GHz | -22.56 dBm | -12.56 dB |
| 2.625 GHz | 2.630 GHz | 1.000 MHz | 2.62523 GHz | -26.28 dBm | -13.28 dB |
| 2.630 GHz | 2.645 GHz | 1.000 MHz | 2.63010 GHz | -31.79 dBm | -6.79 dB |

Date: 1.SEP.2022 11:43:45

## LTE Band 38 / 10MHz / 64QAM

### Lowest Band Edge / 1 RB

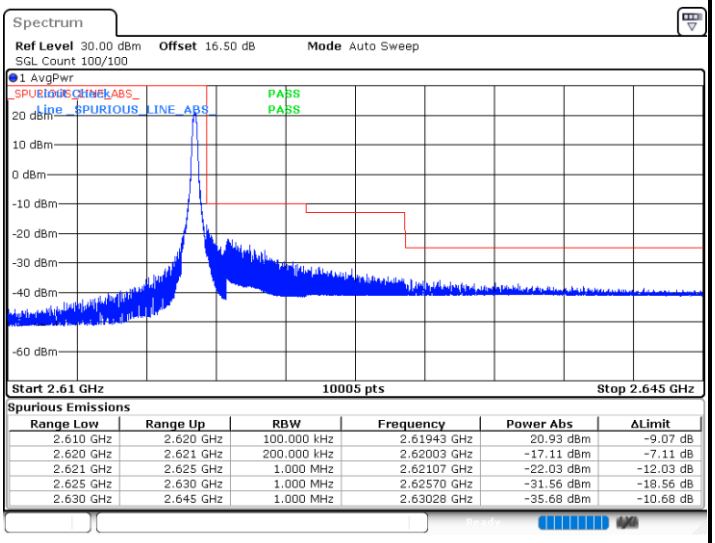



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.560 GHz | 1.000 MHz | 2.55958 GHz | -36.34 dBm | -11.34 dB |
| 2.560 GHz | 2.565 GHz | 1.000 MHz | 2.56495 GHz | -30.21 dBm | -17.21 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56893 GHz | -20.09 dBm | -10.09 dB |
| 2.569 GHz | 2.570 GHz | 200.000 kHz | 2.57000 GHz | -16.59 dBm | -6.59 dB |
| 2.570 GHz | 2.580 GHz | 100.000 kHz | 2.57060 GHz | 20.70 dBm | -9.30 dB |

Date: 1.SEP.2022 11:34:46

### Highest Band Edge / 1 RB

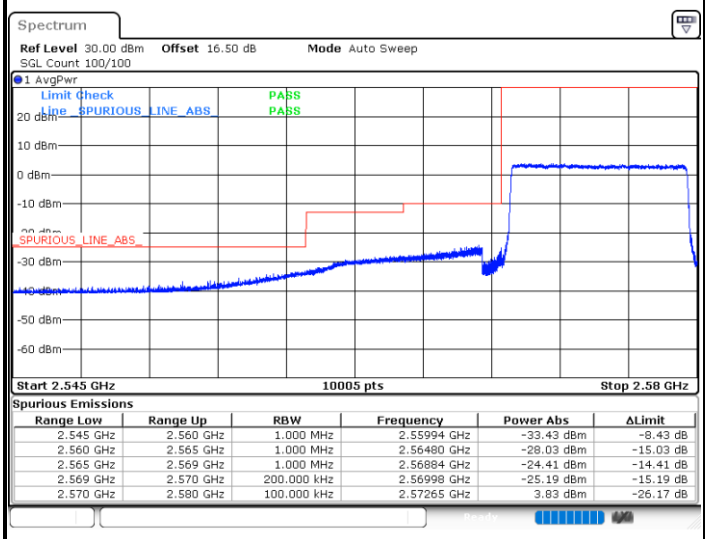



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.610 GHz | 2.620 GHz | 100.000 kHz | 2.61943 GHz | 20.93 dBm | -9.07 dB |
| 2.620 GHz | 2.621 GHz | 200.000 kHz | 2.62003 GHz | -17.11 dBm | -7.11 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62107 GHz | -22.03 dBm | -12.03 dB |
| 2.625 GHz | 2.630 GHz | 1.000 MHz | 2.62570 GHz | -31.56 dBm | -18.56 dB |
| 2.630 GHz | 2.645 GHz | 1.000 MHz | 2.63028 GHz | -35.68 dBm | -10.68 dB |

Date: 1.SEP.2022 11:37:46

### Lowest Band Edge / Full RB

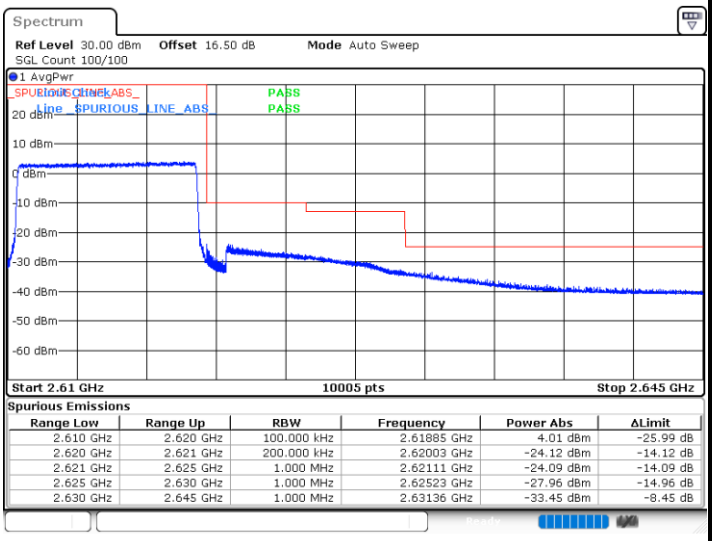



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.560 GHz | 1.000 MHz | 2.55994 GHz | -33.43 dBm | -8.43 dB |
| 2.560 GHz | 2.565 GHz | 1.000 MHz | 2.56480 GHz | -28.03 dBm | -15.03 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56884 GHz | -24.41 dBm | -14.41 dB |
| 2.569 GHz | 2.570 GHz | 200.000 kHz | 2.56998 GHz | -25.19 dBm | -15.19 dB |
| 2.570 GHz | 2.580 GHz | 100.000 kHz | 2.57265 GHz | 3.83 dBm | -26.17 dB |

Date: 1.SEP.2022 11:35:46

### Highest Band Edge / Full RB



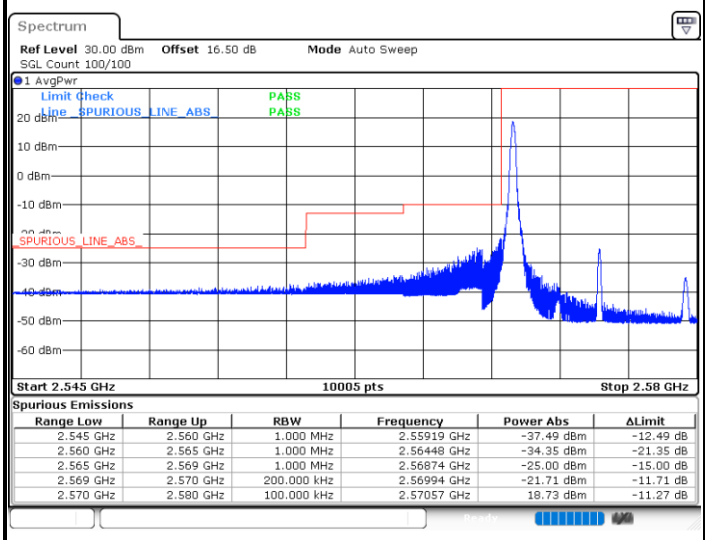

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.610 GHz | 2.620 GHz | 100.000 kHz | 2.61885 GHz | 4.01 dBm | -25.99 dB |
| 2.620 GHz | 2.621 GHz | 200.000 kHz | 2.62003 GHz | -24.12 dBm | -14.12 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62111 GHz | -24.09 dBm | -14.09 dB |
| 2.625 GHz | 2.630 GHz | 1.000 MHz | 2.62523 GHz | -27.96 dBm | -14.96 dB |
| 2.630 GHz | 2.645 GHz | 1.000 MHz | 2.63136 GHz | -33.45 dBm | -8.45 dB |

Date: 1.SEP.2022 11:36:46

## LTE Band 38 / 10MHz / 256QAM

### Lowest Band Edge / 1 RB

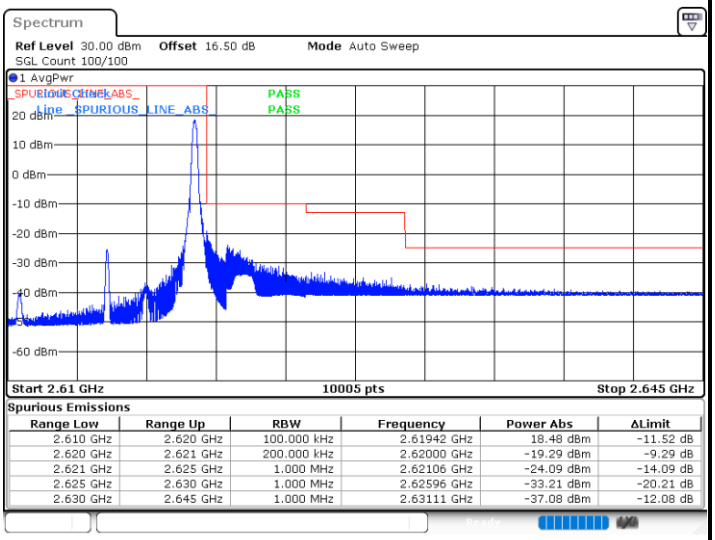



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.560 GHz | 1.000 MHz | 2.55919 GHz | -37.49 dBm | -12.49 dB |
| 2.560 GHz | 2.565 GHz | 1.000 MHz | 2.56448 GHz | -34.35 dBm | -21.35 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56874 GHz | -25.00 dBm | -15.00 dB |
| 2.569 GHz | 2.570 GHz | 200.000 kHz | 2.56994 GHz | -21.71 dBm | -11.71 dB |
| 2.570 GHz | 2.580 GHz | 100.000 kHz | 2.57057 GHz | 18.73 dBm | -11.27 dB |

Date: 16.SEP.2022 11:40:23

### Highest Band Edge / 1 RB

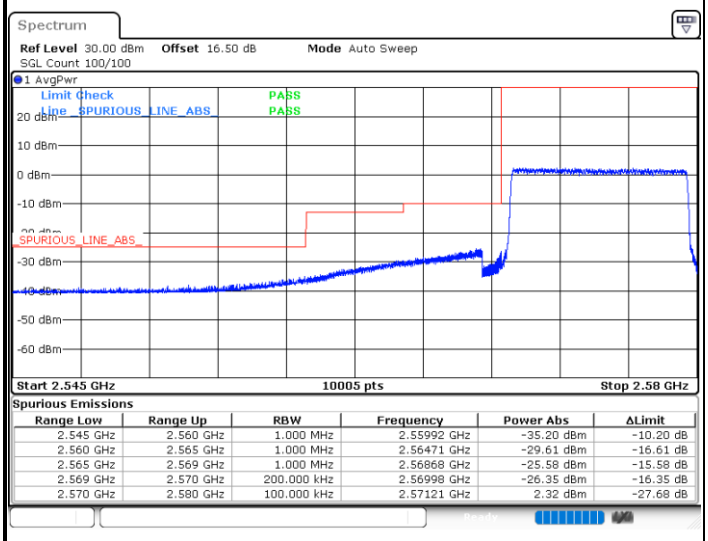



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.610 GHz | 2.620 GHz | 100.000 kHz | 2.61942 GHz | 18.48 dBm | -11.52 dB |
| 2.620 GHz | 2.621 GHz | 200.000 kHz | 2.62000 GHz | -19.29 dBm | -9.29 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62106 GHz | -24.09 dBm | -14.09 dB |
| 2.625 GHz | 2.630 GHz | 1.000 MHz | 2.62596 GHz | -33.21 dBm | -20.21 dB |
| 2.630 GHz | 2.645 GHz | 1.000 MHz | 2.63111 GHz | -37.08 dBm | -12.08 dB |

Date: 16.SEP.2022 11:42:51

### Lowest Band Edge / Full RB

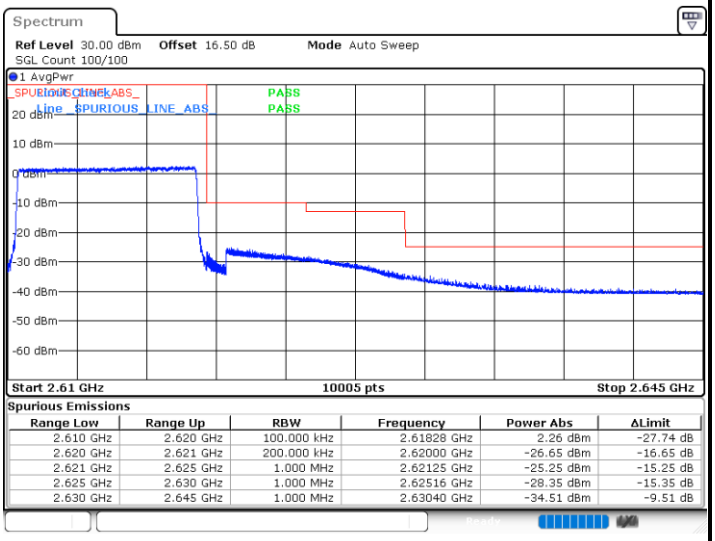



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.560 GHz | 1.000 MHz | 2.55992 GHz | -35.20 dBm | -10.20 dB |
| 2.560 GHz | 2.565 GHz | 1.000 MHz | 2.56471 GHz | -29.61 dBm | -16.61 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56868 GHz | -25.58 dBm | -15.58 dB |
| 2.569 GHz | 2.570 GHz | 200.000 kHz | 2.56998 GHz | -26.35 dBm | -16.35 dB |
| 2.570 GHz | 2.580 GHz | 100.000 kHz | 2.57121 GHz | 2.32 dBm | -27.68 dB |

Date: 16.SEP.2022 11:29:01

### Highest Band Edge / Full RB



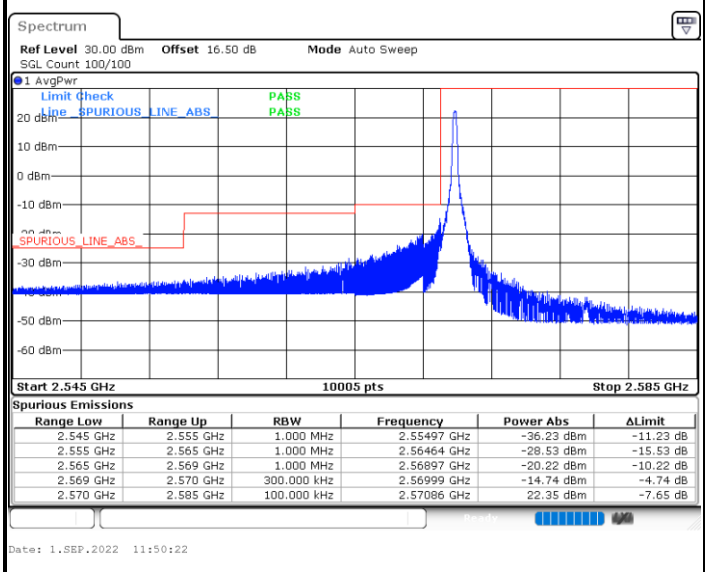

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.610 GHz | 2.620 GHz | 100.000 kHz | 2.61828 GHz | 2.26 dBm | -27.74 dB |
| 2.620 GHz | 2.621 GHz | 200.000 kHz | 2.62000 GHz | -26.65 dBm | -16.65 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62125 GHz | -25.25 dBm | -15.25 dB |
| 2.625 GHz | 2.630 GHz | 1.000 MHz | 2.62516 GHz | -28.35 dBm | -15.35 dB |
| 2.630 GHz | 2.645 GHz | 1.000 MHz | 2.63040 GHz | -34.51 dBm | -9.51 dB |

Date: 16.SEP.2022 11:53:08

## LTE Band 38 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

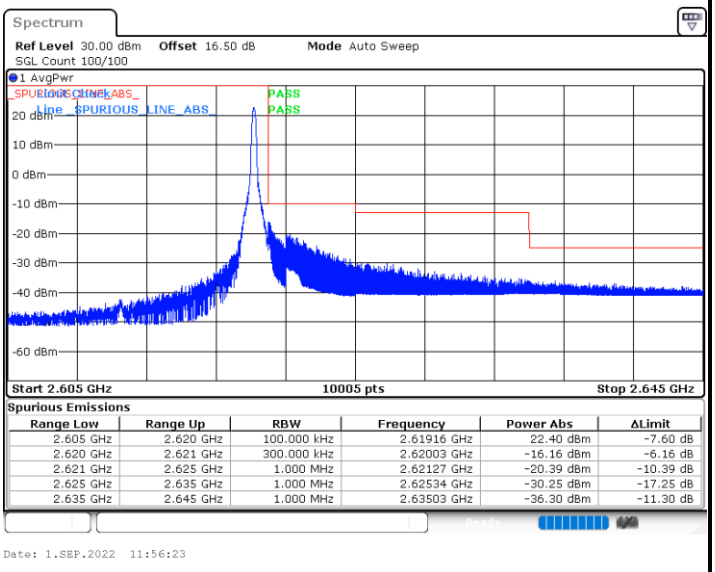



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.555 GHz | 1.000 MHz | 2.55497 GHz | -36.23 dBm | -11.23 dB |
| 2.555 GHz | 2.565 GHz | 1.000 MHz | 2.56464 GHz | -28.53 dBm | -15.53 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56897 GHz | -20.22 dBm | -10.22 dB |
| 2.569 GHz | 2.570 GHz | 300.000 kHz | 2.56999 GHz | -14.74 dBm | -4.74 dB |
| 2.570 GHz | 2.585 GHz | 100.000 kHz | 2.57086 GHz | 22.35 dBm | -7.65 dB |

Date: 1.SEP.2022 11:50:22

### Highest Band Edge / 1 RB

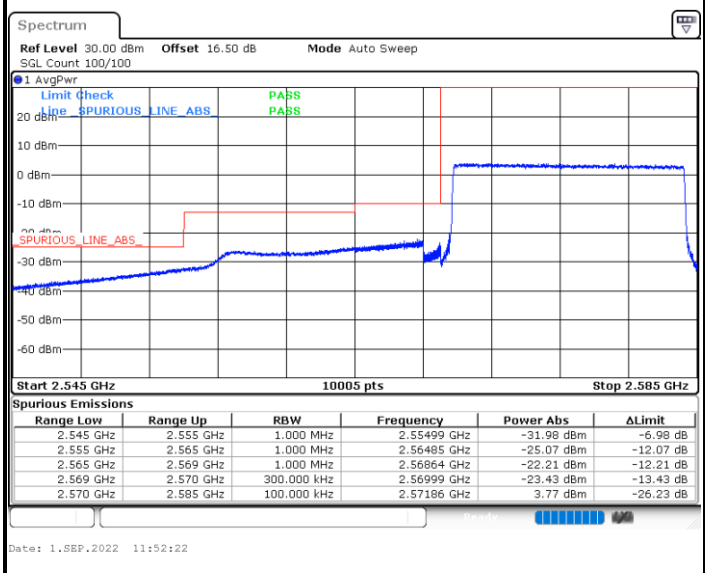



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.605 GHz | 2.620 GHz | 100.000 kHz | 2.61916 GHz | 22.40 dBm | -7.60 dB |
| 2.620 GHz | 2.621 GHz | 300.000 kHz | 2.62003 GHz | -16.16 dBm | -6.16 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62127 GHz | -20.39 dBm | -10.39 dB |
| 2.625 GHz | 2.635 GHz | 1.000 MHz | 2.62534 GHz | -30.25 dBm | -17.25 dB |
| 2.635 GHz | 2.645 GHz | 1.000 MHz | 2.63503 GHz | -36.30 dBm | -11.30 dB |

Date: 1.SEP.2022 11:56:23

### Lowest Band Edge / Full RB

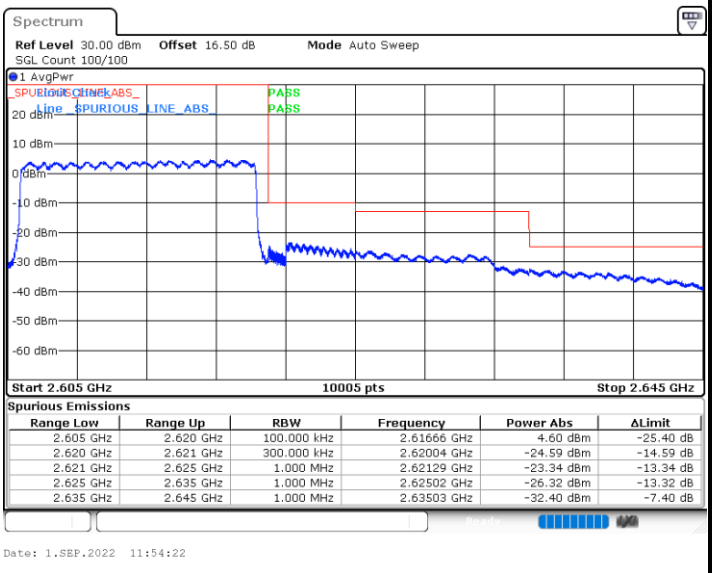



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.555 GHz | 1.000 MHz | 2.55499 GHz | -31.98 dBm | -6.98 dB |
| 2.555 GHz | 2.565 GHz | 1.000 MHz | 2.56485 GHz | -25.07 dBm | -12.07 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56864 GHz | -22.21 dBm | -12.21 dB |
| 2.569 GHz | 2.570 GHz | 300.000 kHz | 2.56999 GHz | -23.43 dBm | -13.43 dB |
| 2.570 GHz | 2.585 GHz | 100.000 kHz | 2.57186 GHz | 3.77 dBm | -26.23 dB |

Date: 1.SEP.2022 11:52:22

### Highest Band Edge / Full RB



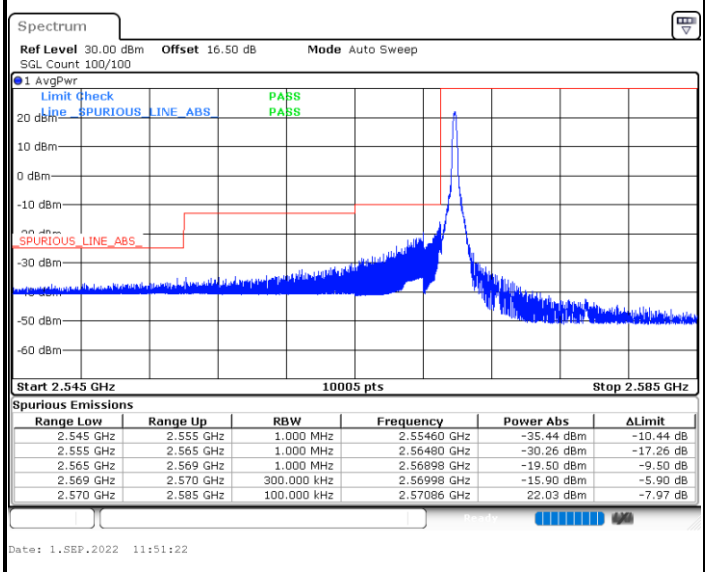

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.605 GHz | 2.620 GHz | 100.000 kHz | 2.61666 GHz | 4.60 dBm | -25.40 dB |
| 2.620 GHz | 2.621 GHz | 300.000 kHz | 2.62004 GHz | -24.59 dBm | -14.59 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62129 GHz | -23.34 dBm | -13.34 dB |
| 2.625 GHz | 2.635 GHz | 1.000 MHz | 2.62502 GHz | -26.32 dBm | -13.32 dB |
| 2.635 GHz | 2.645 GHz | 1.000 MHz | 2.63503 GHz | -32.40 dBm | -7.40 dB |

Date: 1.SEP.2022 11:54:22

## LTE Band 38 / 15MHz / 16QAM

### Lowest Band Edge / 1 RB

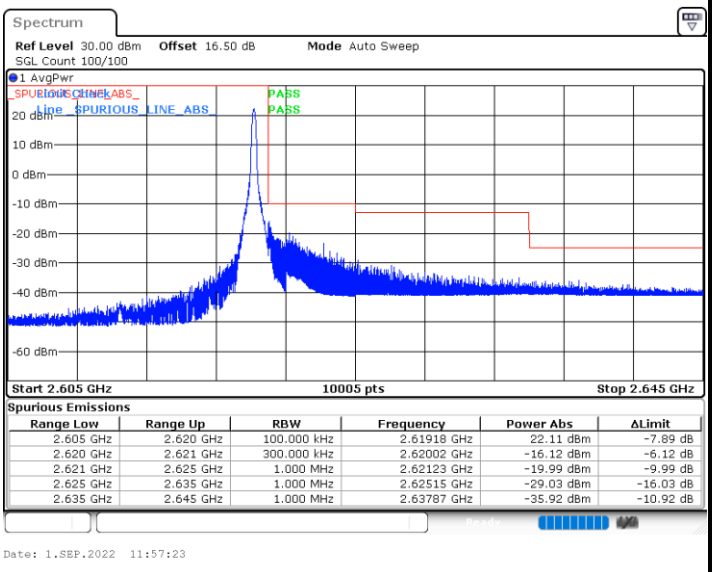



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.555 GHz | 1.000 MHz | 2.55460 GHz | -35.44 dBm | -10.44 dB |
| 2.555 GHz | 2.565 GHz | 1.000 MHz | 2.56480 GHz | -30.26 dBm | -17.26 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56898 GHz | -19.50 dBm | -9.50 dB |
| 2.569 GHz | 2.570 GHz | 300.000 kHz | 2.56998 GHz | -15.90 dBm | -5.90 dB |
| 2.570 GHz | 2.585 GHz | 100.000 kHz | 2.57086 GHz | 22.03 dBm | -7.97 dB |

Date: 1.SEP.2022 11:51:22

### Highest Band Edge / 1 RB

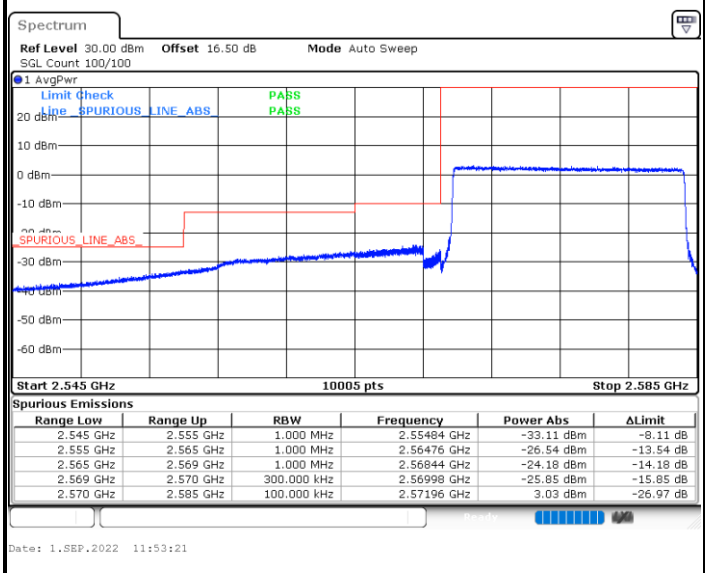



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.605 GHz | 2.620 GHz | 100.000 kHz | 2.61918 GHz | 22.11 dBm | -7.89 dB |
| 2.620 GHz | 2.621 GHz | 300.000 kHz | 2.62002 GHz | -16.12 dBm | -6.12 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62123 GHz | -19.99 dBm | -9.99 dB |
| 2.625 GHz | 2.635 GHz | 1.000 MHz | 2.62515 GHz | -29.03 dBm | -16.03 dB |
| 2.635 GHz | 2.645 GHz | 1.000 MHz | 2.63787 GHz | -35.92 dBm | -10.92 dB |

Date: 1.SEP.2022 11:57:23

### Lowest Band Edge / Full RB

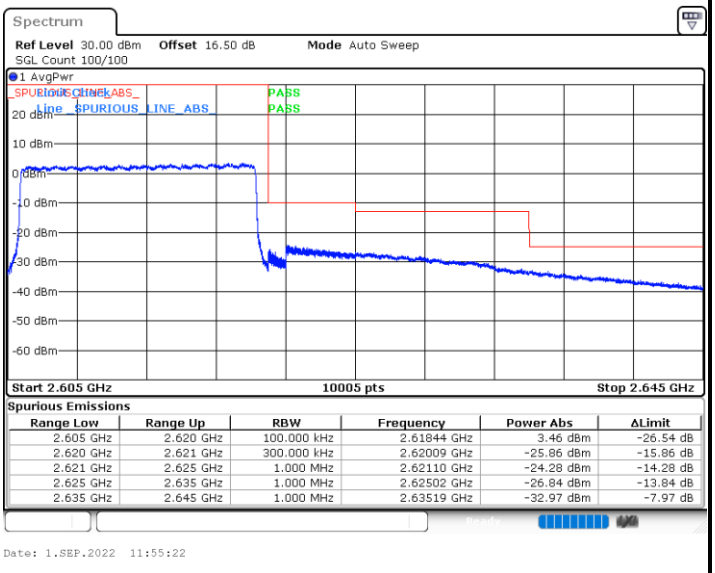



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.555 GHz | 1.000 MHz | 2.55484 GHz | -33.11 dBm | -8.11 dB |
| 2.555 GHz | 2.565 GHz | 1.000 MHz | 2.56476 GHz | -26.54 dBm | -13.54 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56844 GHz | -24.18 dBm | -14.18 dB |
| 2.569 GHz | 2.570 GHz | 300.000 kHz | 2.56998 GHz | -25.85 dBm | -15.85 dB |
| 2.570 GHz | 2.585 GHz | 100.000 kHz | 2.57196 GHz | 3.03 dBm | -26.97 dB |

Date: 1.SEP.2022 11:53:21

### Highest Band Edge / Full RB



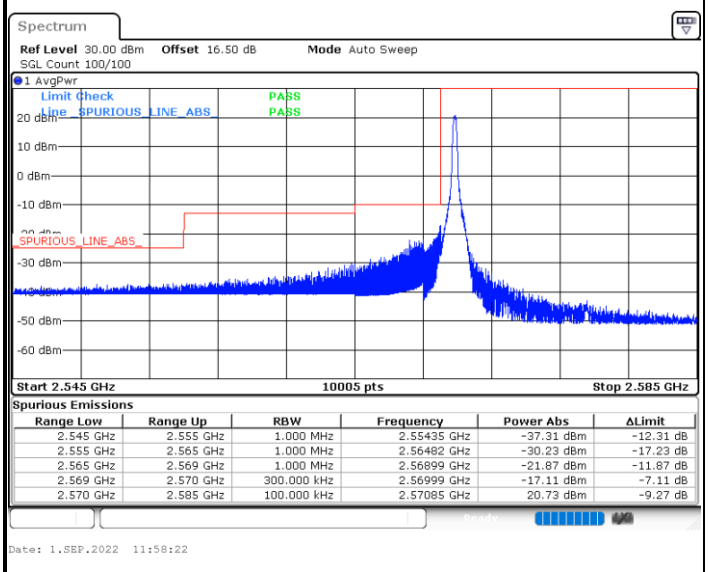

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.605 GHz | 2.620 GHz | 100.000 kHz | 2.61844 GHz | 3.46 dBm | -26.54 dB |
| 2.620 GHz | 2.621 GHz | 300.000 kHz | 2.62009 GHz | -25.86 dBm | -15.86 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62110 GHz | -24.28 dBm | -14.28 dB |
| 2.625 GHz | 2.635 GHz | 1.000 MHz | 2.62502 GHz | -26.84 dBm | -13.84 dB |
| 2.635 GHz | 2.645 GHz | 1.000 MHz | 2.63519 GHz | -32.97 dBm | -7.97 dB |

Date: 1.SEP.2022 11:55:22

## LTE Band 38 / 15MHz / 64QAM

### Lowest Band Edge / 1 RB

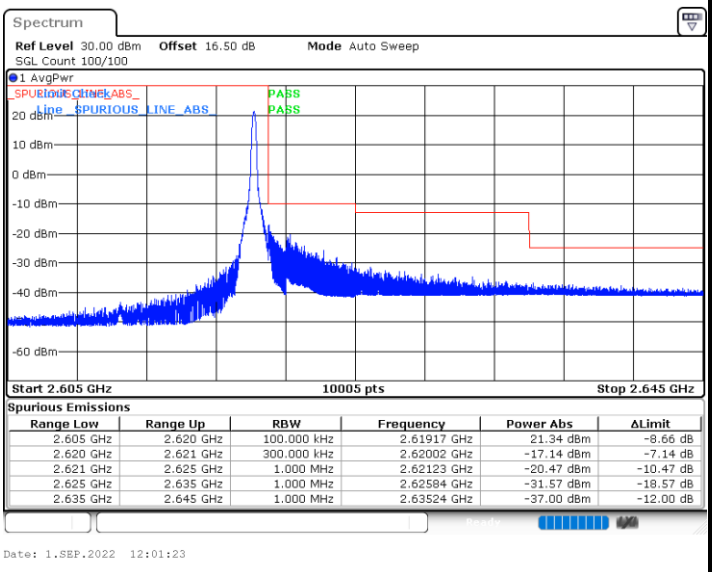



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.555 GHz | 1.000 MHz | 2.55435 GHz | -37.31 dBm | -12.31 dB |
| 2.555 GHz | 2.565 GHz | 1.000 MHz | 2.56482 GHz | -30.23 dBm | -17.23 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56899 GHz | -21.87 dBm | -11.87 dB |
| 2.569 GHz | 2.570 GHz | 300.000 kHz | 2.56999 GHz | -17.11 dBm | -7.11 dB |
| 2.570 GHz | 2.585 GHz | 100.000 kHz | 2.57085 GHz | 20.73 dBm | -9.27 dB |

Date: 1.SEP.2022 11:58:22

### Highest Band Edge / 1 RB

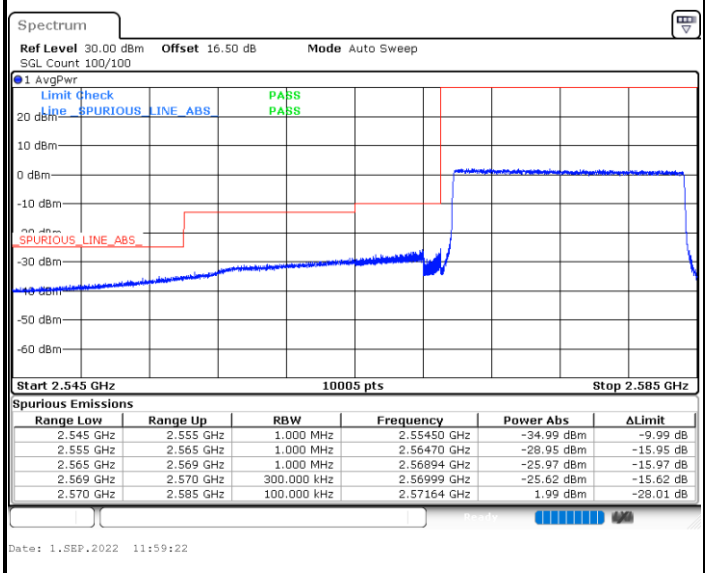



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.605 GHz | 2.620 GHz | 100.000 kHz | 2.61917 GHz | 21.34 dBm | -8.66 dB |
| 2.620 GHz | 2.621 GHz | 300.000 kHz | 2.62002 GHz | -17.14 dBm | -7.14 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62123 GHz | -20.47 dBm | -10.47 dB |
| 2.625 GHz | 2.635 GHz | 1.000 MHz | 2.62584 GHz | -31.57 dBm | -18.57 dB |
| 2.635 GHz | 2.645 GHz | 1.000 MHz | 2.63524 GHz | -37.00 dBm | -12.00 dB |

Date: 1.SEP.2022 12:01:23

### Lowest Band Edge / Full RB

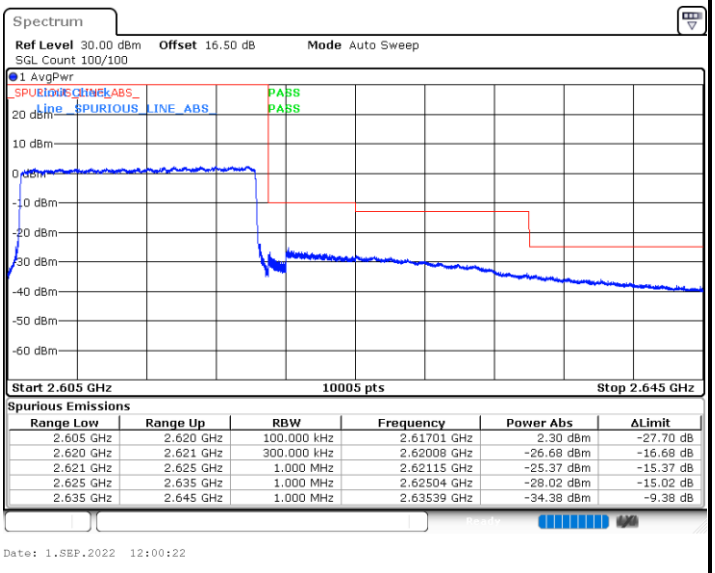



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.555 GHz | 1.000 MHz | 2.55450 GHz | -34.99 dBm | -9.99 dB |
| 2.555 GHz | 2.565 GHz | 1.000 MHz | 2.56470 GHz | -28.95 dBm | -15.95 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56894 GHz | -25.97 dBm | -15.97 dB |
| 2.569 GHz | 2.570 GHz | 300.000 kHz | 2.56999 GHz | -25.62 dBm | -15.62 dB |
| 2.570 GHz | 2.585 GHz | 100.000 kHz | 2.57164 GHz | 1.99 dBm | -28.01 dB |

Date: 1.SEP.2022 11:59:22

### Highest Band Edge / Full RB



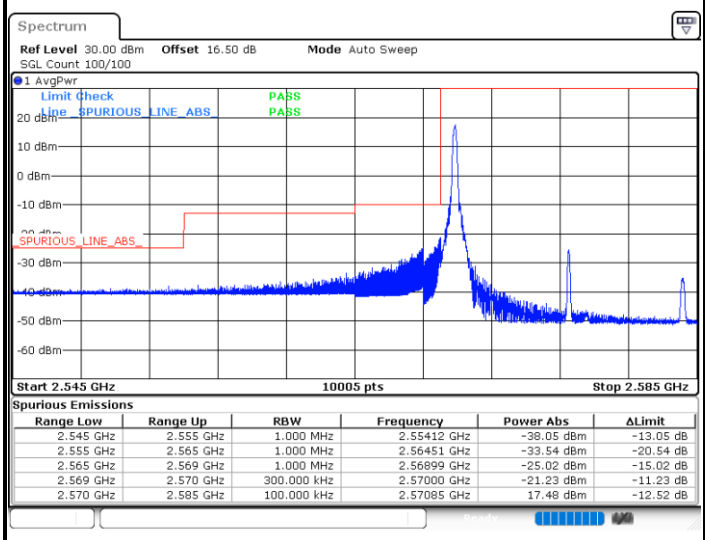

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.605 GHz | 2.620 GHz | 100.000 kHz | 2.61701 GHz | 2.30 dBm | -27.70 dB |
| 2.620 GHz | 2.621 GHz | 300.000 kHz | 2.62008 GHz | -26.68 dBm | -16.68 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62115 GHz | -25.37 dBm | -15.37 dB |
| 2.625 GHz | 2.635 GHz | 1.000 MHz | 2.62504 GHz | -28.02 dBm | -15.02 dB |
| 2.635 GHz | 2.645 GHz | 1.000 MHz | 2.63539 GHz | -34.38 dBm | -9.38 dB |

Date: 1.SEP.2022 12:00:22

## LTE Band 38 / 15MHz / 256QAM

### Lowest Band Edge / 1 RB

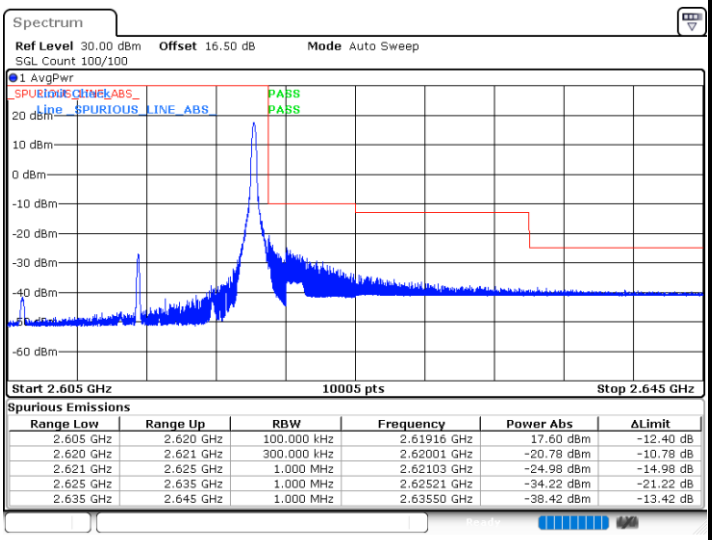



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.555 GHz | 1.000 MHz | 2.55412 GHz | -38.05 dBm | -13.05 dB |
| 2.555 GHz | 2.565 GHz | 1.000 MHz | 2.56451 GHz | -33.54 dBm | -20.54 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56899 GHz | -25.02 dBm | -15.02 dB |
| 2.569 GHz | 2.570 GHz | 300.000 kHz | 2.57000 GHz | -21.23 dBm | -11.23 dB |
| 2.570 GHz | 2.585 GHz | 100.000 kHz | 2.57085 GHz | 17.48 dBm | -12.52 dB |

Date: 16.SEP.2022 14:04:54

### Highest Band Edge / 1 RB

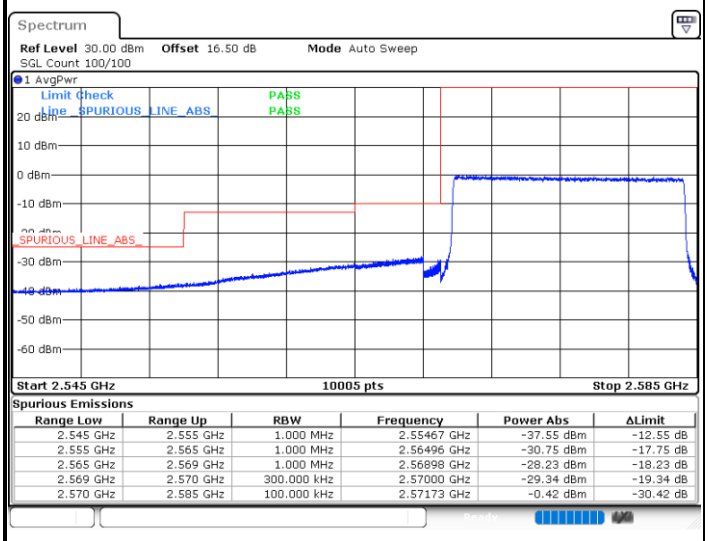



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.605 GHz | 2.620 GHz | 100.000 kHz | 2.61916 GHz | 17.60 dBm | -12.40 dB |
| 2.620 GHz | 2.621 GHz | 300.000 kHz | 2.62001 GHz | -20.78 dBm | -10.78 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62103 GHz | -24.98 dBm | -14.98 dB |
| 2.625 GHz | 2.635 GHz | 1.000 MHz | 2.62521 GHz | -34.22 dBm | -21.22 dB |
| 2.635 GHz | 2.645 GHz | 1.000 MHz | 2.63550 GHz | -38.42 dBm | -13.42 dB |

Date: 16.SEP.2022 14:06:18

### Lowest Band Edge / Full RB

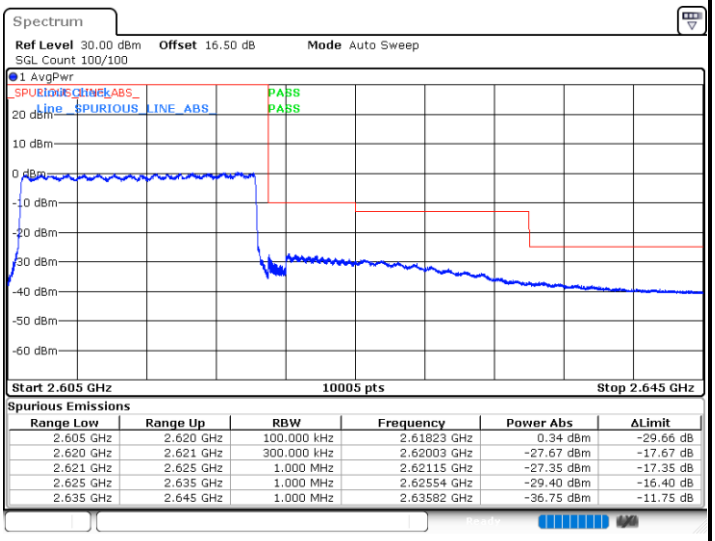



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.555 GHz | 1.000 MHz | 2.55467 GHz | -37.55 dBm | -12.55 dB |
| 2.555 GHz | 2.565 GHz | 1.000 MHz | 2.56496 GHz | -30.75 dBm | -17.75 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56898 GHz | -28.23 dBm | -18.23 dB |
| 2.569 GHz | 2.570 GHz | 300.000 kHz | 2.57000 GHz | -29.34 dBm | -19.34 dB |
| 2.570 GHz | 2.585 GHz | 100.000 kHz | 2.57173 GHz | -0.42 dBm | -30.42 dB |

Date: 16.SEP.2022 14:03:31

### Highest Band Edge / Full RB



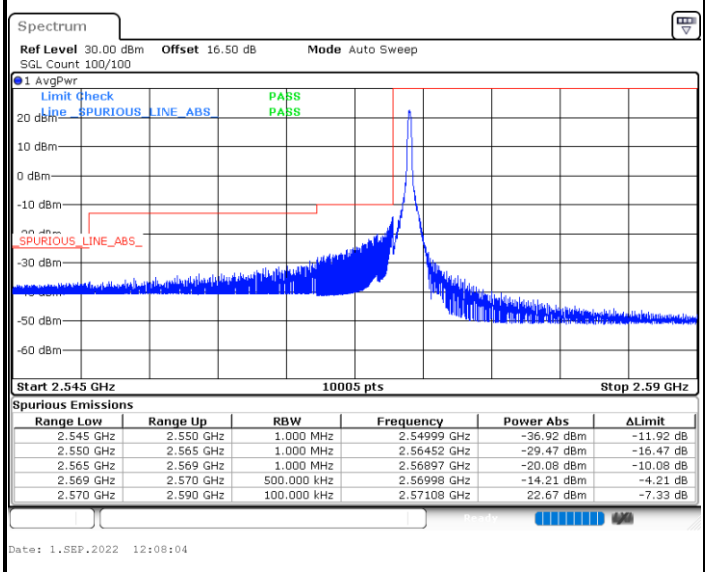

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.605 GHz | 2.620 GHz | 100.000 kHz | 2.61823 GHz | 0.34 dBm | -29.66 dB |
| 2.620 GHz | 2.621 GHz | 300.000 kHz | 2.62003 GHz | -27.67 dBm | -17.67 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62115 GHz | -27.35 dBm | -17.35 dB |
| 2.625 GHz | 2.635 GHz | 1.000 MHz | 2.62554 GHz | -29.40 dBm | -16.40 dB |
| 2.635 GHz | 2.645 GHz | 1.000 MHz | 2.63582 GHz | -36.75 dBm | -11.75 dB |

Date: 16.SEP.2022 14:07:39

## LTE Band 38 / 20MHz / QPSK

### Lowest Band Edge / 1 RB

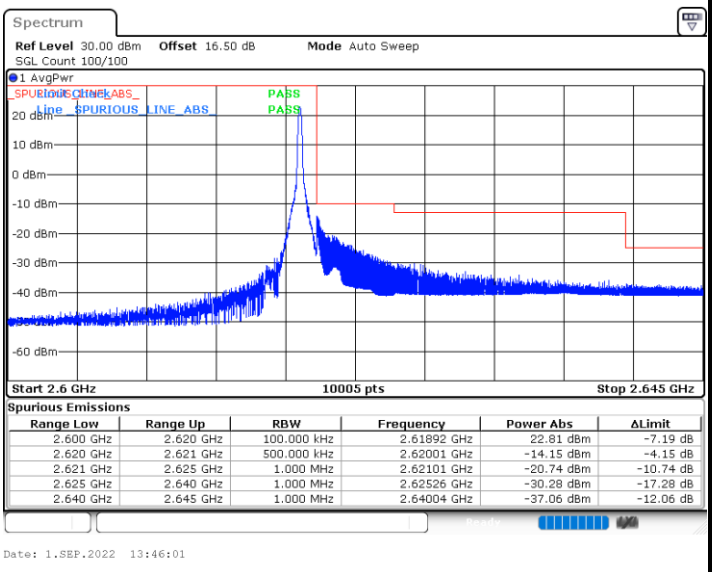



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54999 GHz | -36.92 dBm | -11.92 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56452 GHz | -29.47 dBm | -16.47 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56897 GHz | -20.08 dBm | -10.08 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56998 GHz | -14.21 dBm | -4.21 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.57108 GHz | 22.67 dBm | -7.33 dB |

Date: 1.SEP.2022 12:08:04

### Highest Band Edge / 1 RB

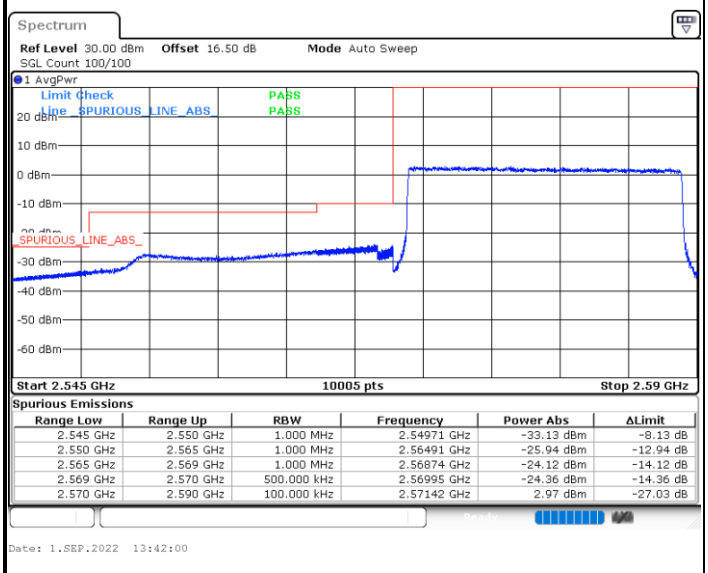



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61892 GHz | 22.81 dBm | -7.19 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62001 GHz | -14.15 dBm | -4.15 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62101 GHz | -20.74 dBm | -10.74 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62526 GHz | -30.28 dBm | -17.28 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64004 GHz | -37.06 dBm | -12.06 dB |

Date: 1.SEP.2022 13:46:01

### Lowest Band Edge / Full RB

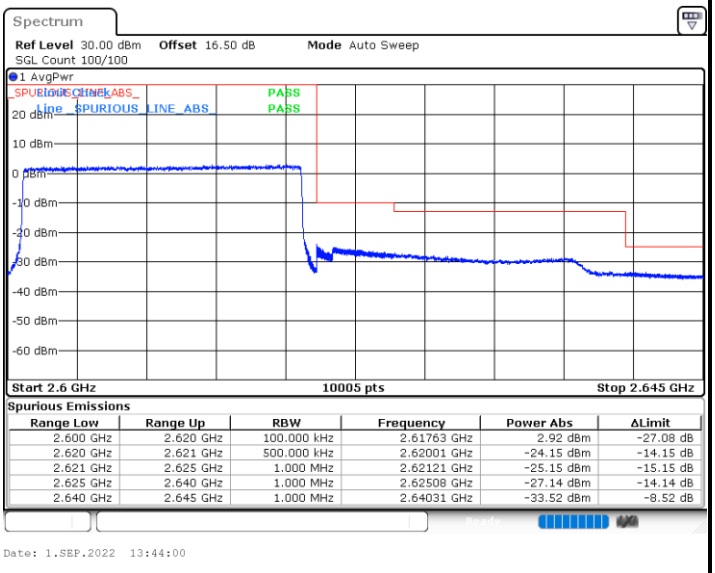



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54971 GHz | -33.13 dBm | -8.13 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56491 GHz | -25.94 dBm | -12.94 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56874 GHz | -24.12 dBm | -14.12 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56995 GHz | -24.36 dBm | -14.36 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.57142 GHz | 2.97 dBm | -27.03 dB |

Date: 1.SEP.2022 13:42:00

### Highest Band Edge / Full RB



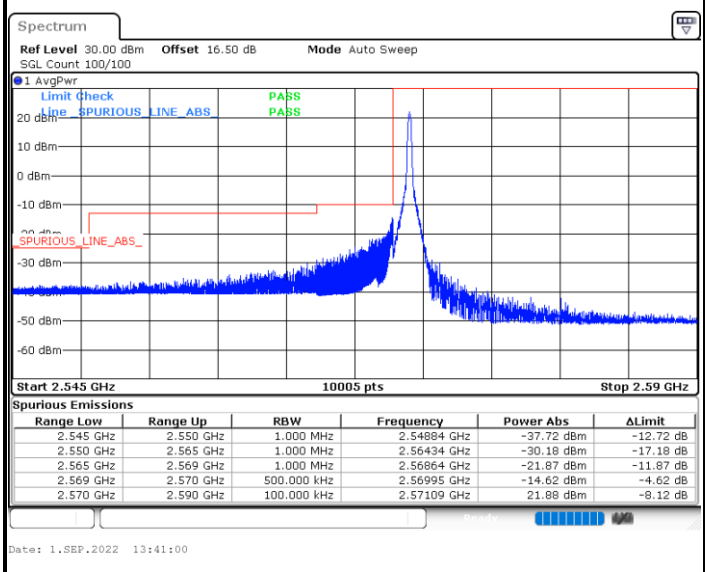

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61763 GHz | 2.92 dBm | -27.08 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62001 GHz | -24.15 dBm | -14.15 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62121 GHz | -25.15 dBm | -15.15 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62508 GHz | -27.14 dBm | -14.14 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64031 GHz | -33.52 dBm | -8.52 dB |

Date: 1.SEP.2022 13:44:00

## LTE Band 38 / 20MHz / 16QAM

### Lowest Band Edge / 1 RB

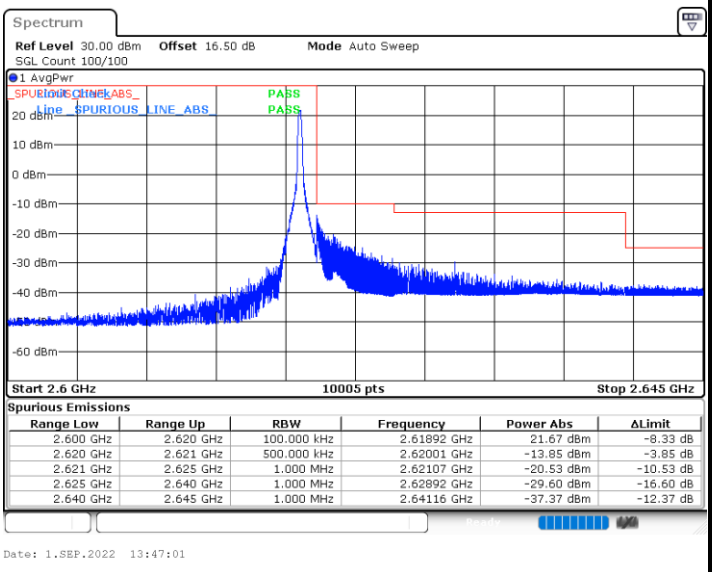



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54884 GHz | -37.72 dBm | -12.72 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56434 GHz | -30.18 dBm | -17.18 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56864 GHz | -21.87 dBm | -11.87 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56995 GHz | -14.62 dBm | -4.62 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.57109 GHz | 21.88 dBm | -8.12 dB |

Date: 1.SEP.2022 13:41:00

### Highest Band Edge / 1 RB

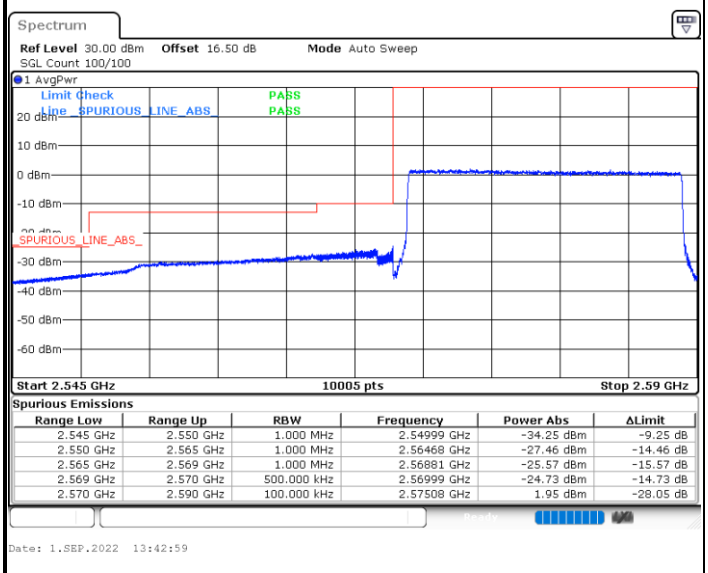



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61892 GHz | 21.67 dBm | -8.33 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62001 GHz | -13.85 dBm | -3.85 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62107 GHz | -20.53 dBm | -10.53 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62892 GHz | -29.60 dBm | -16.60 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64116 GHz | -37.37 dBm | -12.37 dB |

Date: 1.SEP.2022 13:47:01

### Lowest Band Edge / Full RB

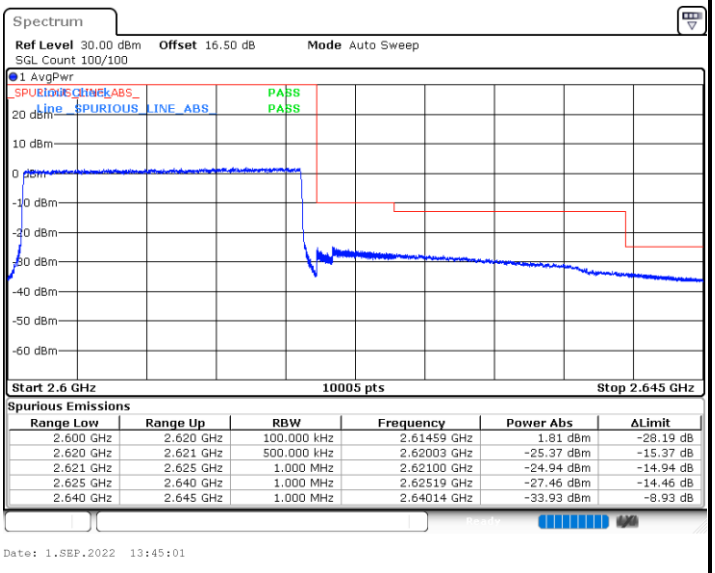



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54999 GHz | -34.25 dBm | -9.25 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56468 GHz | -27.46 dBm | -14.46 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56881 GHz | -25.57 dBm | -15.57 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56999 GHz | -24.73 dBm | -14.73 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.57508 GHz | 1.95 dBm | -28.05 dB |

Date: 1.SEP.2022 13:42:59

### Highest Band Edge / Full RB



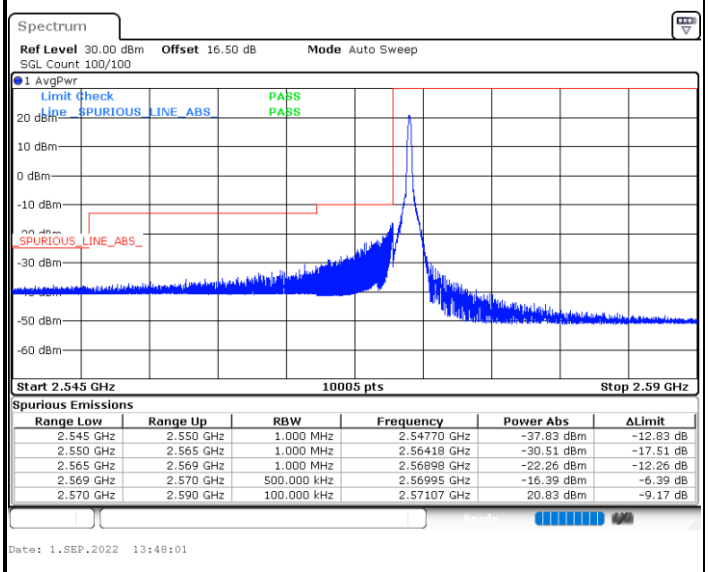

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61459 GHz | 1.81 dBm | -28.19 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62003 GHz | -25.37 dBm | -15.37 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62100 GHz | -24.94 dBm | -14.94 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62519 GHz | -27.46 dBm | -14.46 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64014 GHz | -33.93 dBm | -8.93 dB |

Date: 1.SEP.2022 13:45:01

## LTE Band 38 / 20MHz / 64QAM

### Lowest Band Edge / 1 RB

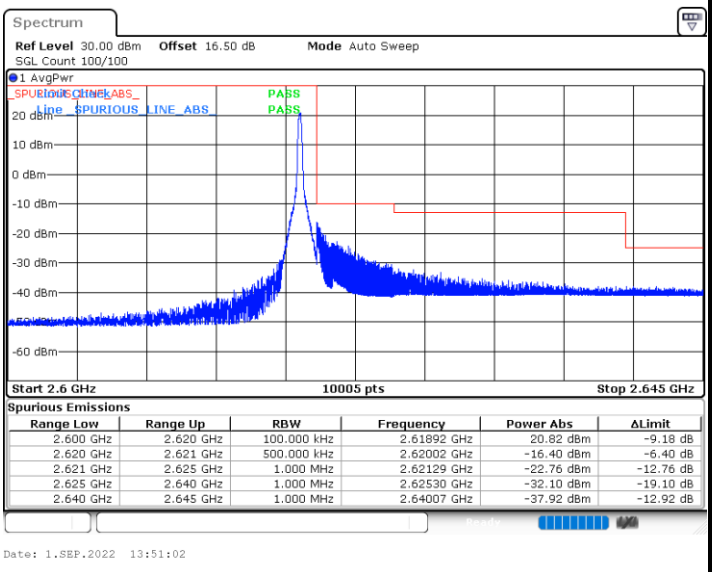



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54770 GHz | -37.83 dBm | -12.83 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56418 GHz | -30.51 dBm | -17.51 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56898 GHz | -22.26 dBm | -12.26 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56995 GHz | -16.39 dBm | -6.39 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.57107 GHz | 20.83 dBm | -9.17 dB |

Date: 1.SEP.2022 13:48:01

### Highest Band Edge / 1 RB

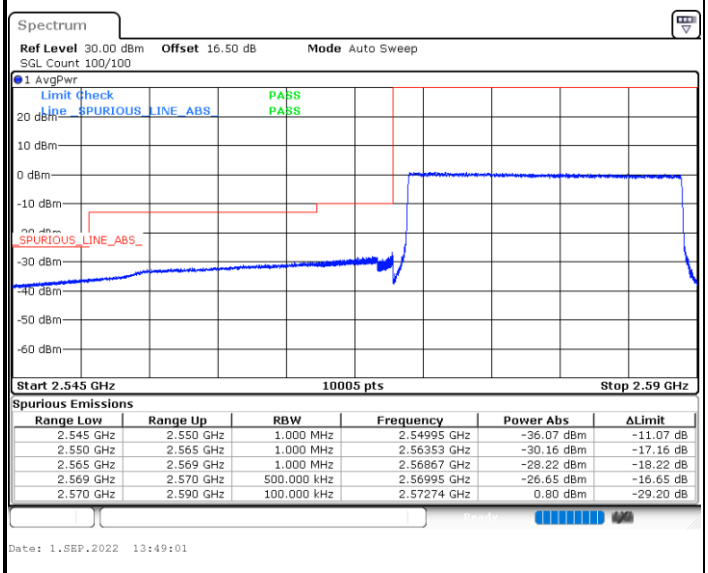



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61892 GHz | 20.82 dBm | -9.18 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62002 GHz | -16.40 dBm | -6.40 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62129 GHz | -22.76 dBm | -12.76 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62530 GHz | -32.10 dBm | -19.10 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64007 GHz | -37.92 dBm | -12.92 dB |

Date: 1.SEP.2022 13:51:02

### Lowest Band Edge / Full RB

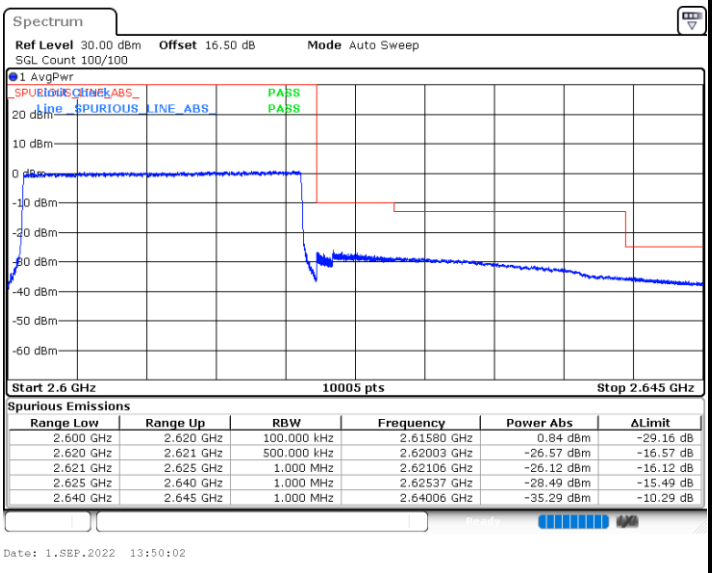



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54995 GHz | -36.07 dBm | -11.07 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56353 GHz | -30.16 dBm | -17.16 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56867 GHz | -28.22 dBm | -18.22 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56995 GHz | -26.65 dBm | -16.65 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.57274 GHz | 0.80 dBm | -29.20 dB |

Date: 1.SEP.2022 13:49:01

### Highest Band Edge / Full RB



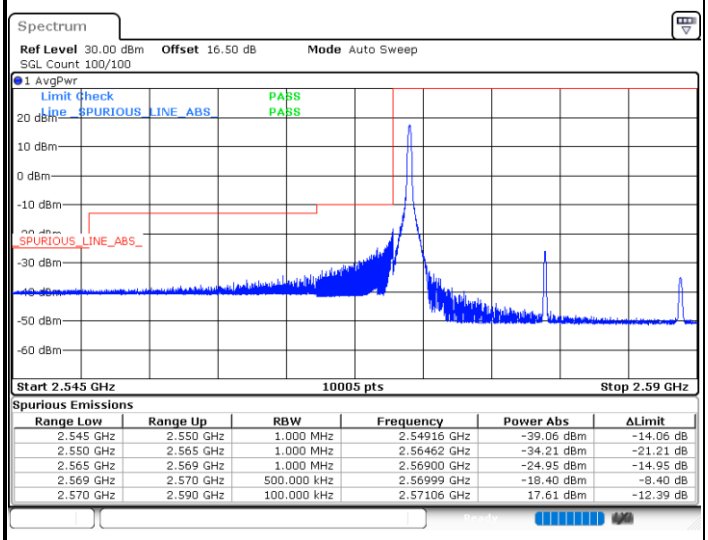

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61580 GHz | 0.84 dBm | -29.16 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62003 GHz | -26.57 dBm | -16.57 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62106 GHz | -26.12 dBm | -16.12 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62537 GHz | -28.49 dBm | -15.49 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64006 GHz | -35.29 dBm | -10.29 dB |

Date: 1.SEP.2022 13:50:02

## LTE Band 38 / 20MHz / 256QAM

### Lowest Band Edge / 1 RB

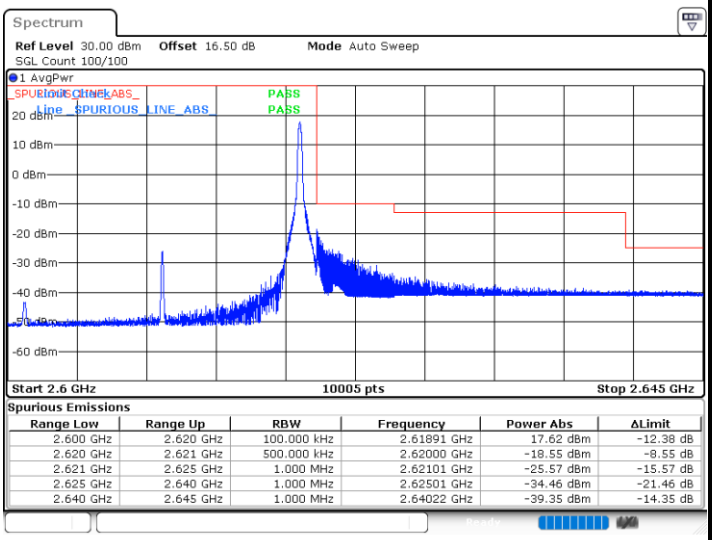



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54916 GHz | -39.06 dBm | -14.06 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56462 GHz | -34.21 dBm | -21.21 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56900 GHz | -24.95 dBm | -14.95 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56999 GHz | -18.40 dBm | -8.40 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.57106 GHz | 17.61 dBm | -12.39 dB |

Date: 16.SEP.2022 14:11:44

### Highest Band Edge / 1 RB

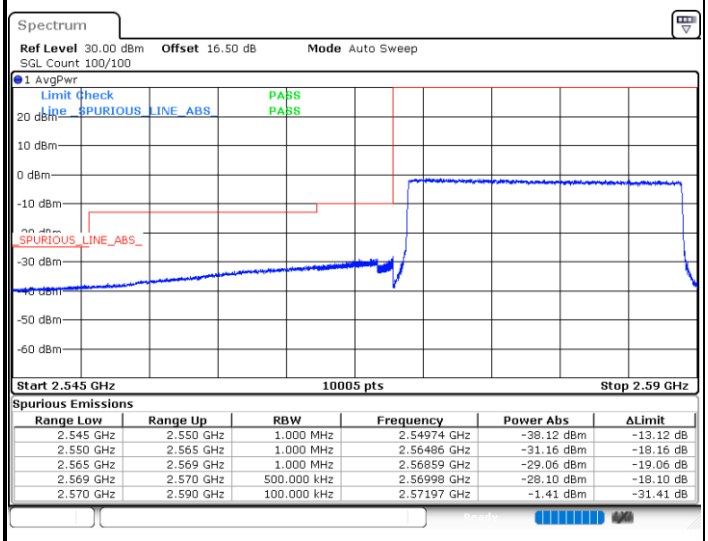



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61891 GHz | 17.62 dBm | -12.38 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62000 GHz | -18.55 dBm | -8.55 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62101 GHz | -25.57 dBm | -15.57 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62501 GHz | -34.46 dBm | -21.46 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64022 GHz | -39.35 dBm | -14.35 dB |

Date: 16.SEP.2022 14:13:48

### Lowest Band Edge / Full RB

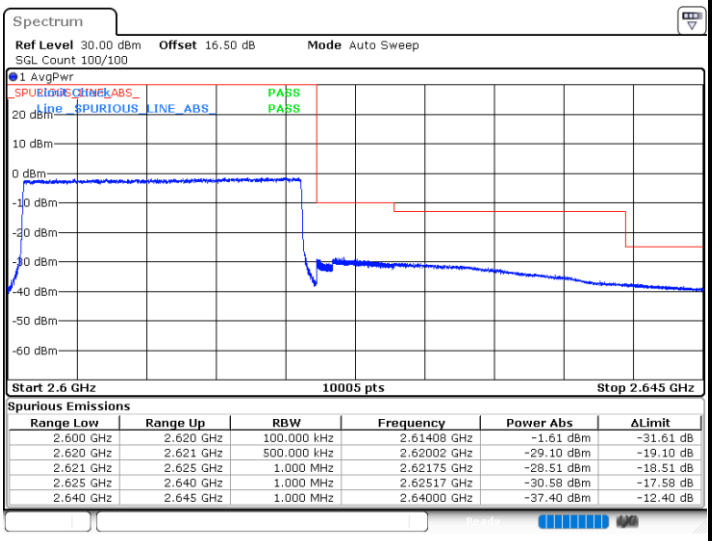



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54974 GHz | -38.12 dBm | -13.12 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56486 GHz | -31.16 dBm | -18.16 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56859 GHz | -29.06 dBm | -19.06 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56998 GHz | -28.10 dBm | -18.10 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.57197 GHz | -1.41 dBm | -31.41 dB |

Date: 16.SEP.2022 14:10:37

### Highest Band Edge / Full RB




Spurious Emissions

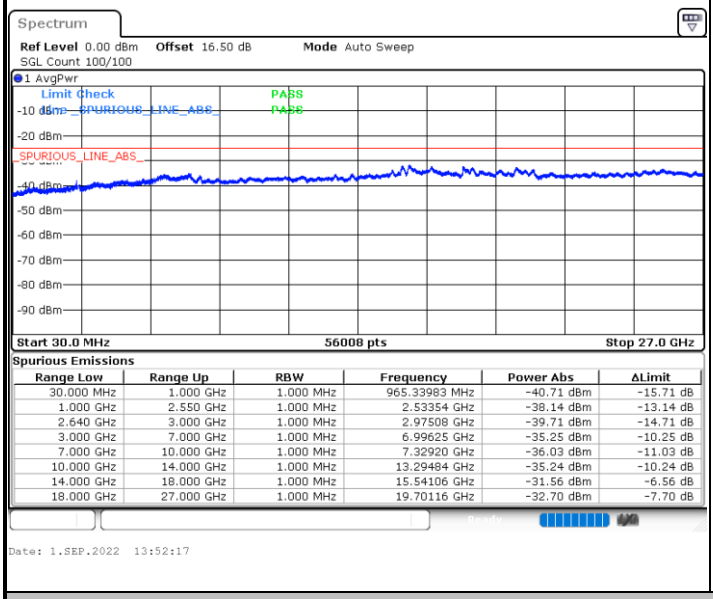
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61408 GHz | -1.61 dBm | -31.61 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62002 GHz | -29.10 dBm | -19.10 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62175 GHz | -28.51 dBm | -18.51 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62517 GHz | -30.58 dBm | -17.58 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64000 GHz | -37.40 dBm | -12.40 dB |

Date: 16.SEP.2022 14:14:51

# Conducted Spurious Emission

## LTE Band 38 / 5MHz

### Lowest Channel / QPSK

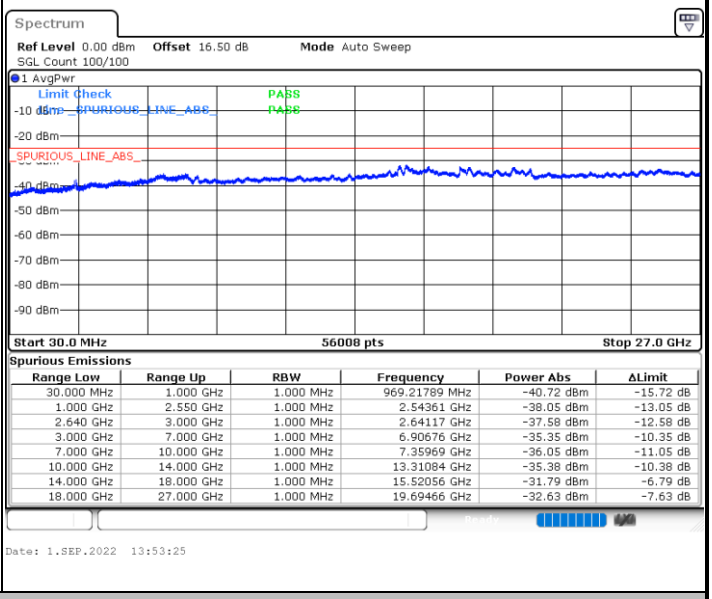



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 965.33983 MHz | -40.71 dBm | -15.71 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.53354 GHz | -38.14 dBm | -13.14 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.97508 GHz | -39.71 dBm | -14.71 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99625 GHz | -35.25 dBm | -10.25 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.32920 GHz | -36.03 dBm | -11.03 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.29484 GHz | -35.24 dBm | -10.24 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.54106 GHz | -31.56 dBm | -6.56 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.70116 GHz | -32.70 dBm | -7.70 dB |

Date: 1.SEP.2022 13:52:17

### Middle Channel / QPSK

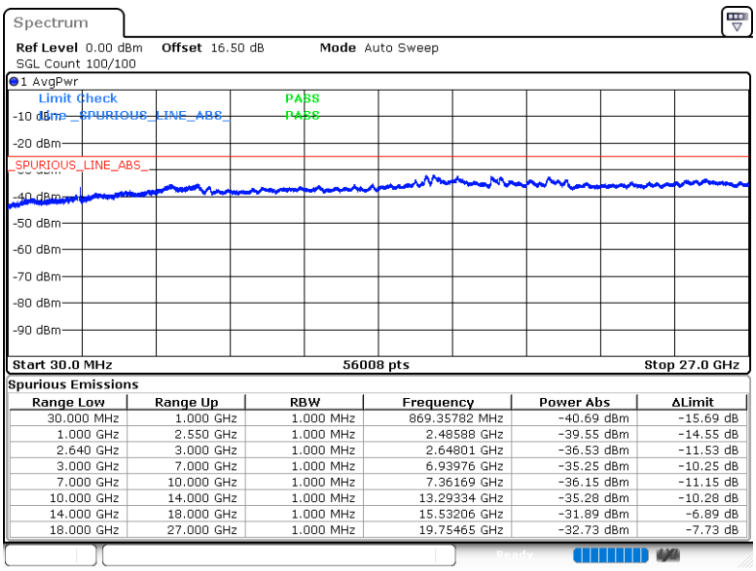



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 969.21789 MHz | -40.72 dBm | -15.72 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.54361 GHz | -38.05 dBm | -13.05 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.64117 GHz | -37.58 dBm | -12.58 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.90676 GHz | -35.35 dBm | -10.35 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.35969 GHz | -36.05 dBm | -11.05 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.31084 GHz | -35.38 dBm | -10.38 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.52056 GHz | -31.79 dBm | -6.79 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.69466 GHz | -32.63 dBm | -7.63 dB |

Date: 1.SEP.2022 13:53:25

### Highest Channel / QPSK



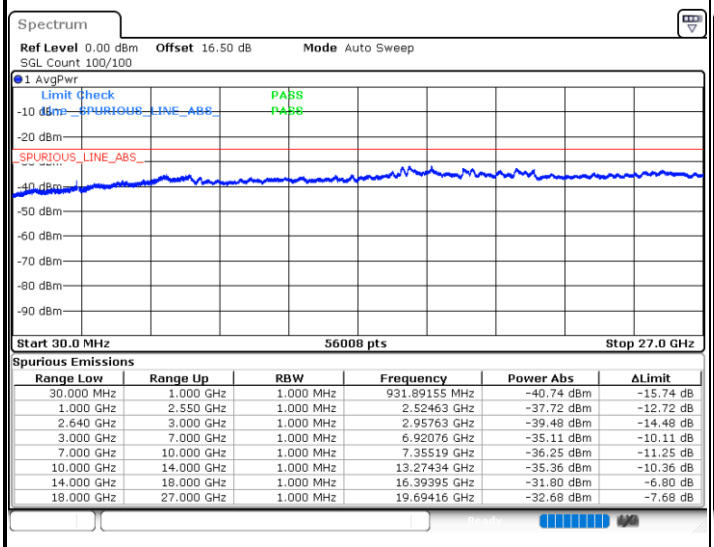

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 869.35782 MHz | -40.69 dBm | -15.69 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.48588 GHz | -39.55 dBm | -14.55 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.64801 GHz | -36.53 dBm | -11.53 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.93976 GHz | -35.25 dBm | -10.25 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.36169 GHz | -36.15 dBm | -11.15 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.29334 GHz | -35.28 dBm | -10.28 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.53206 GHz | -31.89 dBm | -6.89 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.75465 GHz | -32.73 dBm | -7.73 dB |

Date: 1.SEP.2022 13:54:35

## LTE Band 38 / 10MHz

### Lowest Channel / QPSK

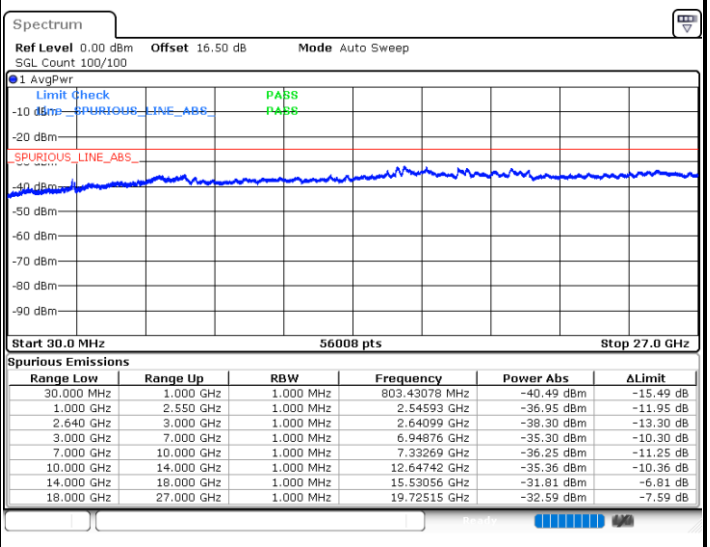



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 931.89155 MHz | -40.74 dBm | -15.74 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.52463 GHz | -37.72 dBm | -12.72 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.95763 GHz | -39.48 dBm | -14.48 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.92076 GHz | -35.11 dBm | -10.11 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.35519 GHz | -36.25 dBm | -11.25 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.27434 GHz | -35.36 dBm | -10.36 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 16.39395 GHz | -31.80 dBm | -6.80 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.69416 GHz | -32.68 dBm | -7.68 dB |

Date: 1.SEP.2022 13:55:50

### Middle Channel / QPSK

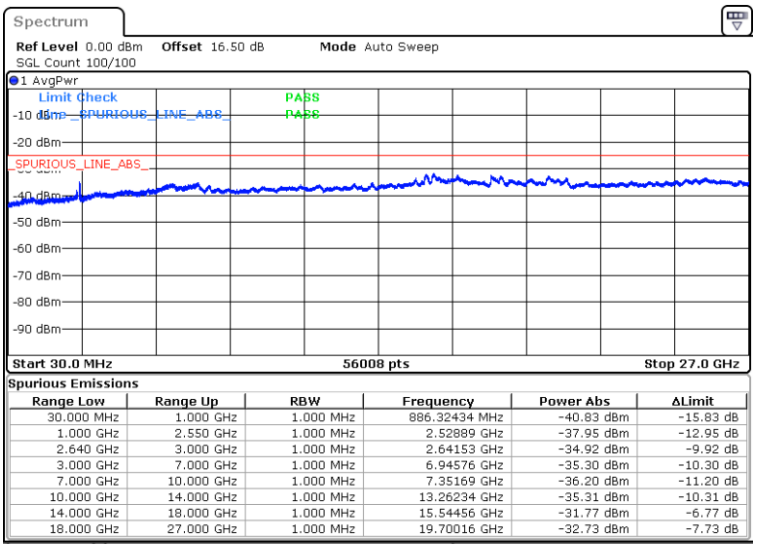



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 803.43078 MHz | -40.49 dBm | -15.49 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.54593 GHz | -36.95 dBm | -11.95 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.64099 GHz | -38.30 dBm | -13.30 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.94876 GHz | -35.30 dBm | -10.30 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.33269 GHz | -36.25 dBm | -11.25 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 12.64742 GHz | -35.36 dBm | -10.36 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.53056 GHz | -31.81 dBm | -6.81 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.72515 GHz | -32.59 dBm | -7.59 dB |

Date: 1.SEP.2022 13:57:00

### Highest Channel / QPSK



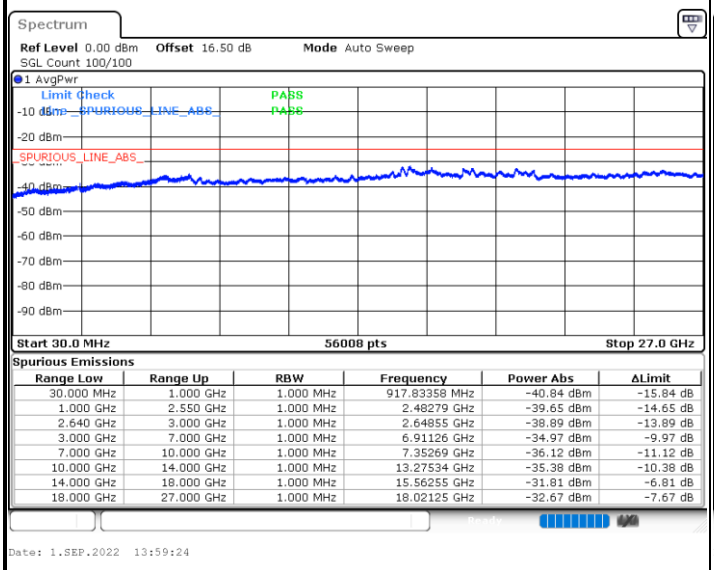

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 886.32434 MHz | -40.83 dBm | -15.83 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.52889 GHz | -37.95 dBm | -12.95 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.64153 GHz | -34.92 dBm | -9.92 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.94576 GHz | -35.30 dBm | -10.30 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.35169 GHz | -36.20 dBm | -11.20 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.26234 GHz | -35.31 dBm | -10.31 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.54456 GHz | -31.77 dBm | -6.77 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.70016 GHz | -32.73 dBm | -7.73 dB |

Date: 1.SEP.2022 13:58:10

## LTE Band 38 / 15MHz

### Lowest Channel / QPSK

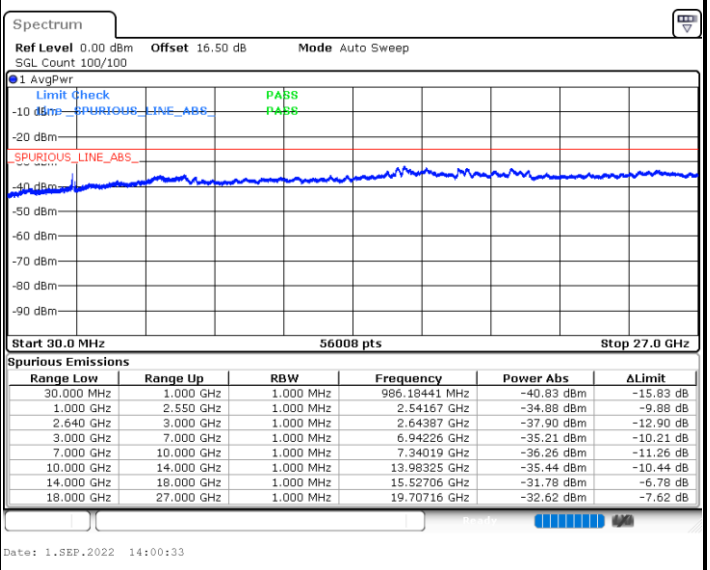



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 917.83358 MHz | -40.84 dBm | -15.84 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.48279 GHz | -39.65 dBm | -14.65 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.64855 GHz | -38.89 dBm | -13.89 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.91126 GHz | -34.97 dBm | -9.97 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.35269 GHz | -36.12 dBm | -11.12 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.27534 GHz | -35.38 dBm | -10.38 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.56255 GHz | -31.81 dBm | -6.81 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 18.02125 GHz | -32.67 dBm | -7.67 dB |

Date: 1.SEP.2022 13:59:24

### Middle Channel / QPSK

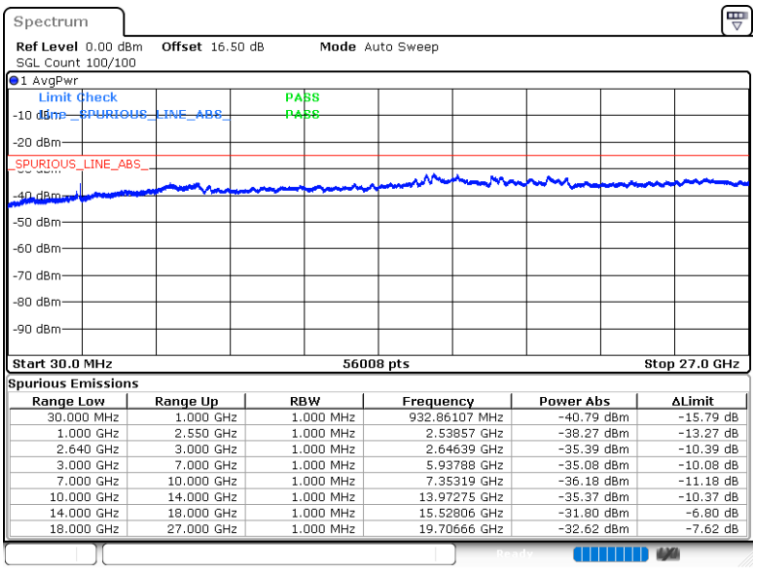



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 986.18441 MHz | -40.83 dBm | -15.83 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.54167 GHz | -34.88 dBm | -9.88 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.64387 GHz | -37.90 dBm | -12.90 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.94226 GHz | -35.21 dBm | -10.21 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.34019 GHz | -36.26 dBm | -11.26 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.98325 GHz | -35.44 dBm | -10.44 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.52706 GHz | -31.78 dBm | -6.78 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.70716 GHz | -32.62 dBm | -7.62 dB |

Date: 1.SEP.2022 14:00:33

### Highest Channel / QPSK



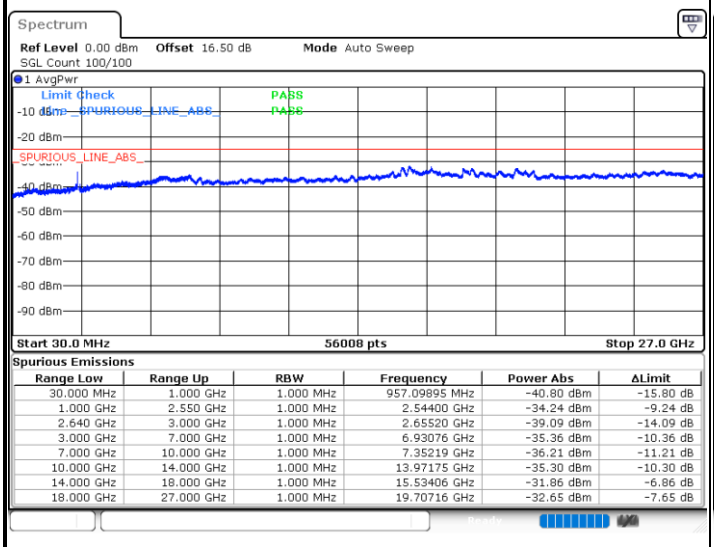

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 932.86107 MHz | -40.79 dBm | -15.79 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.53857 GHz | -38.27 dBm | -13.27 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.64639 GHz | -35.39 dBm | -10.39 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.93788 GHz | -35.08 dBm | -10.08 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.35319 GHz | -36.18 dBm | -11.18 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.97275 GHz | -35.37 dBm | -10.37 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.52806 GHz | -31.80 dBm | -6.80 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.70666 GHz | -32.62 dBm | -7.62 dB |

Date: 1.SEP.2022 14:01:43

## LTE Band 38 / 20MHz

### Lowest Channel / QPSK

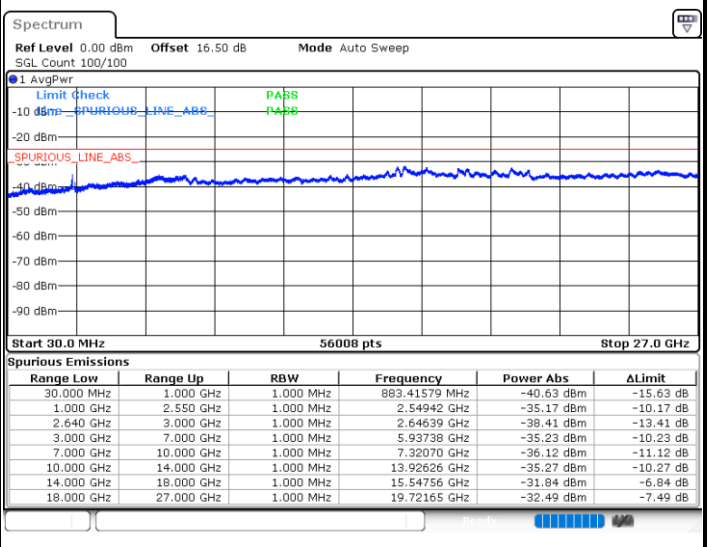



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 957.09895 MHz | -40.80 dBm | -15.80 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.54400 GHz | -34.24 dBm | -9.24 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.65520 GHz | -39.09 dBm | -14.09 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.93076 GHz | -35.36 dBm | -10.36 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.35219 GHz | -36.21 dBm | -11.21 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.97175 GHz | -35.30 dBm | -10.30 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.53406 GHz | -31.86 dBm | -6.86 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.70716 GHz | -32.65 dBm | -7.65 dB |

Date: 1.SEP.2022 14:02:57

### Middle Channel / QPSK

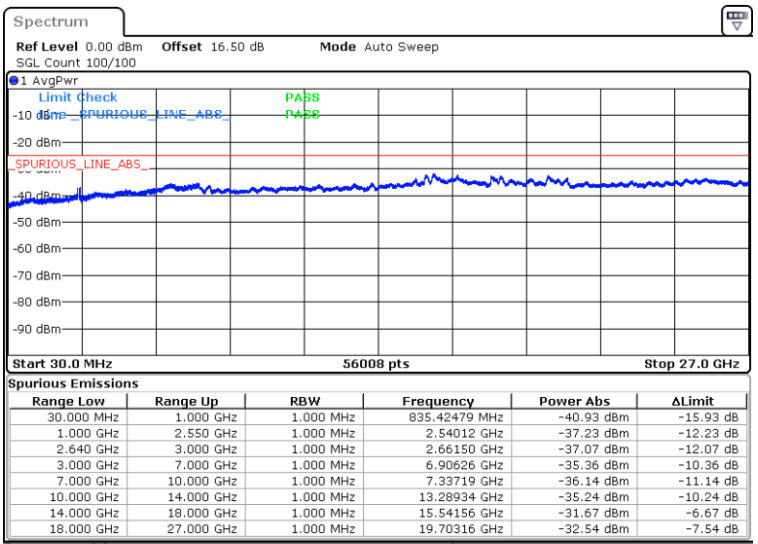



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 883.41579 MHz | -40.63 dBm | -15.63 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.54942 GHz | -35.17 dBm | -10.17 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.64639 GHz | -38.41 dBm | -13.41 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.93738 GHz | -35.23 dBm | -10.23 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.32070 GHz | -36.12 dBm | -11.12 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.92626 GHz | -35.27 dBm | -10.27 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.54756 GHz | -31.84 dBm | -6.84 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.72165 GHz | -32.49 dBm | -7.49 dB |

Date: 1.SEP.2022 14:04:06

### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 835.42479 MHz | -40.93 dBm | -15.93 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.54012 GHz | -37.23 dBm | -12.23 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.66150 GHz | -37.07 dBm | -12.07 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.90626 GHz | -35.36 dBm | -10.36 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.33719 GHz | -36.14 dBm | -11.14 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.28934 GHz | -35.24 dBm | -10.24 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.54156 GHz | -31.67 dBm | -6.67 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.70316 GHz | -32.54 dBm | -7.54 dB |

Date: 1.SEP.2022 14:05:14

# Frequency Stability

| Test Conditions | | LTE Band 38 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0047 | PASS |
| 40 | Normal Voltage | 0.0054 | |
| 30 | Normal Voltage | 0.0049 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0047 | |
| 0 | Normal Voltage | 0.0036 | |
| -10 | Normal Voltage | 0.0053 | |
| -20 | Normal Voltage | 0.0026 | |
| -30 | Normal Voltage | 0.0030 | |
| 20 | Maximum Voltage | 0.0032 | |
| 20 | Normal Voltage | 0.0047 | |
| 20 | Battery End Point | 0.0048 | |

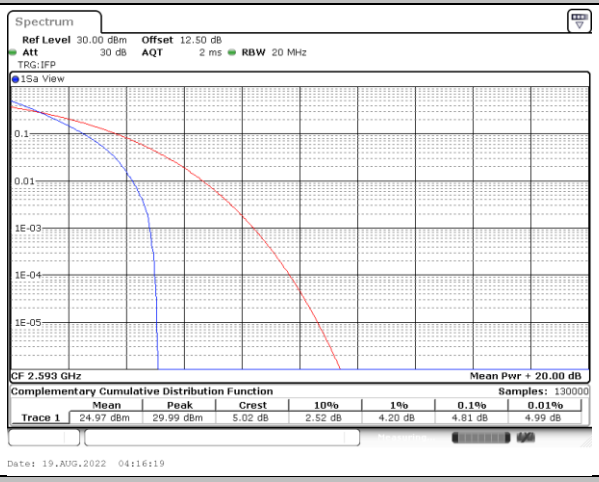
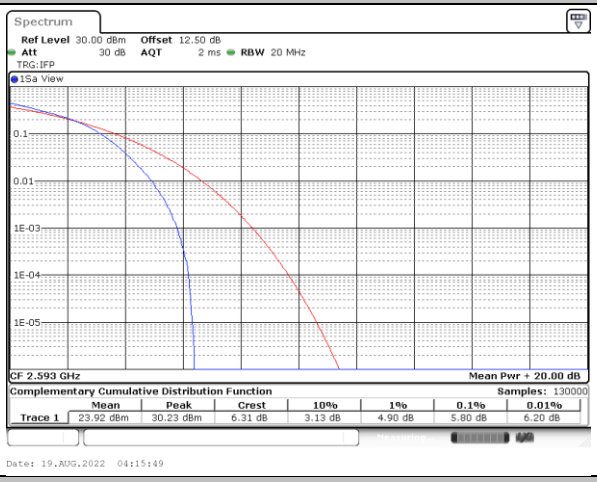
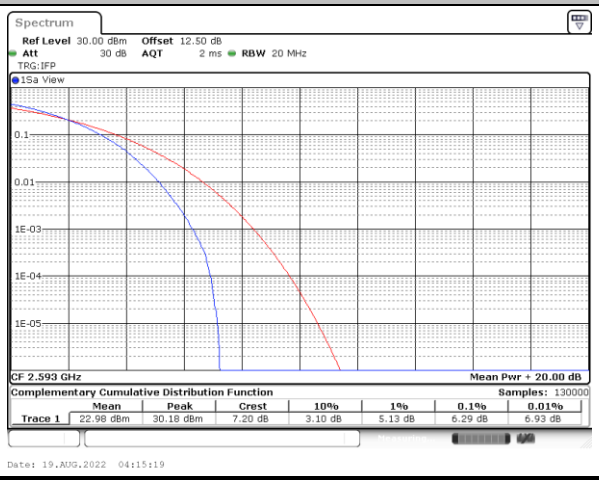
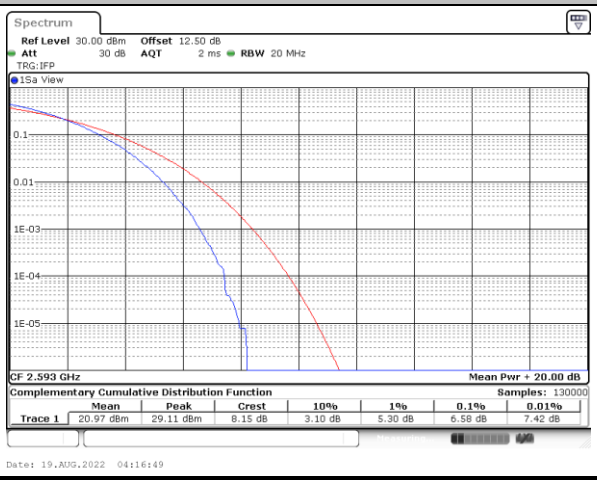
**Note:**

1. Normal Voltage = 3.85 V.；Battery End Point (BEP) = 3.3 V.；Maximum Voltage = 4.25 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

# LTE Band 41(HPUE)

## Peak-to-Average Ratio

| Mode | LTE Band 41(HPUE) / 20MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | 16QAM | 64QAM | 256QAM | Limit: 13dB |
| RB Size | Full RB | Full RB | Full RB | Full RB | Result |
| Middle CH | 4.81 | 5.80 | 6.29 | 6.58 | PASS |

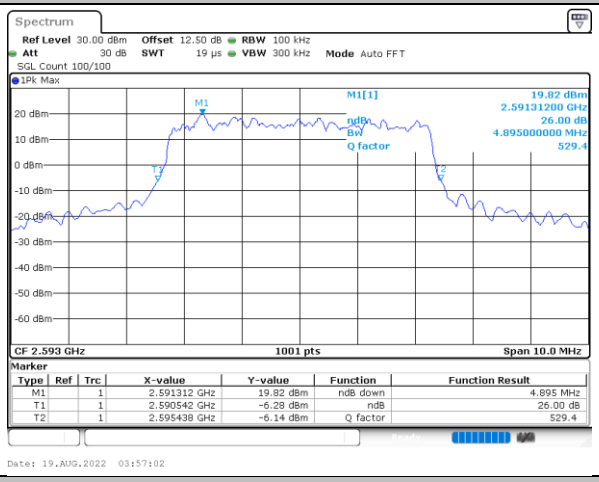
| LTE Band 41(HPUE) / 20MHz / QPSK | LTE Band 41(HPUE) / 20MHz / 16QAM |
|---|---|
| Middle Channel / Full RB | Middle Channel / Full RB |
|  |  |
| **LTE Band 41(HPUE) / 20MHz / 64QAM** | **LTE Band 41(HPUE) / 20MHz / 256QAM** |
| Middle Channel / Full RB | Middle Channel / Full RB |
|  |  |

# 26dB Bandwidth

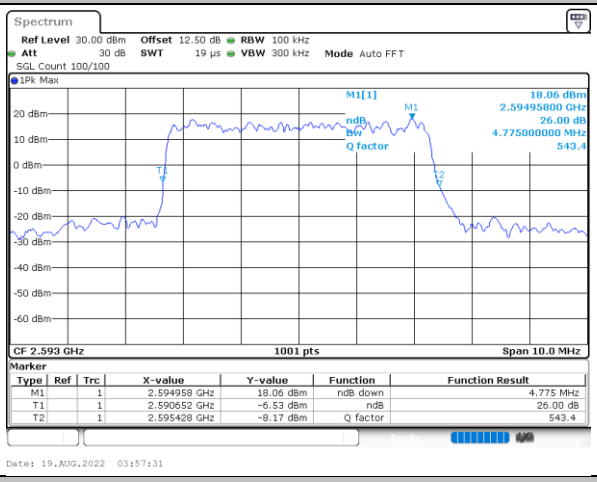
| Mode | LTE Band 41(HPUE) : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Middle CH | - | - | - | - | 4.90 | 4.78 | 9.91 | 9.95 | 14.15 | 14.66 | 18.62 | 18.98 |
| Mode | LTE Band 41(HPUE) : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | - | - | - | - | 4.97 | 4.82 | 9.97 | 9.81 | 14.75 | 14.15 | 19.62 | 19.18 |

## LTE Band 41(HPUE)

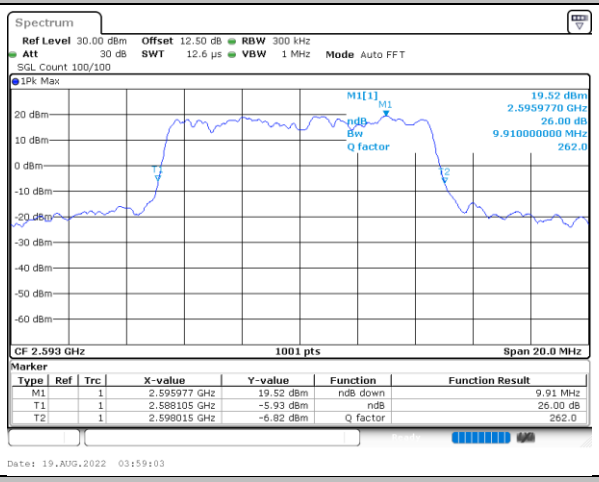
### Middle Channel / 5MHz / QPSK



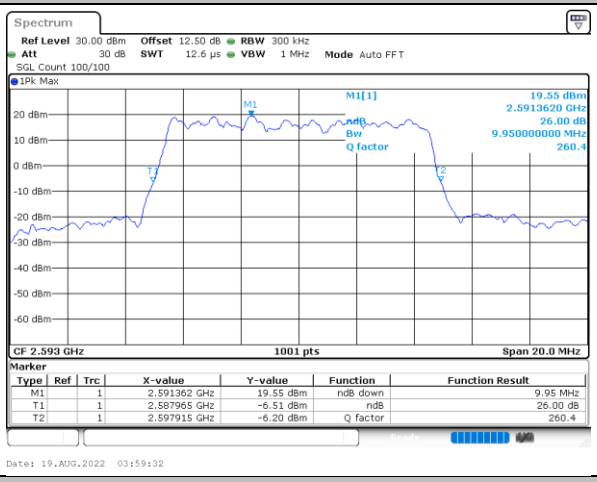

### Middle Channel / 5MHz / 16QAM



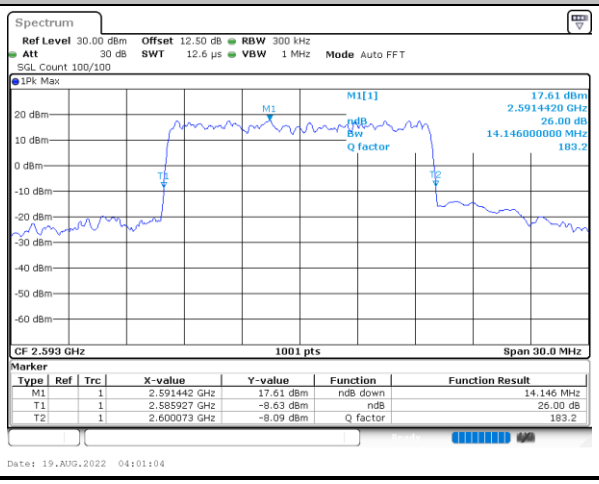

### Middle Channel / 10MHz / QPSK



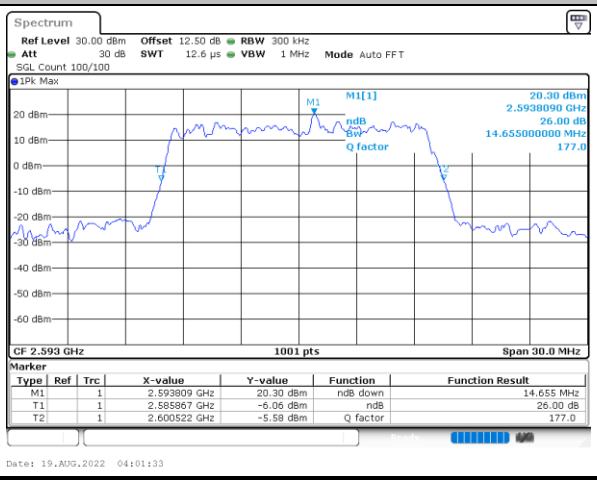

### Middle Channel / 10MHz / 16QAM




### Middle Channel / 15MHz / QPSK

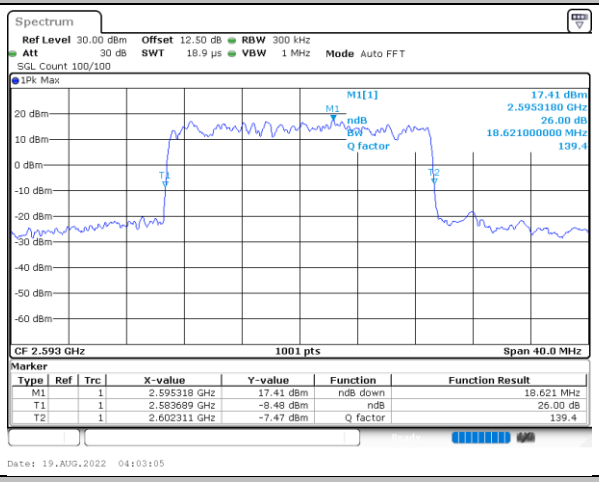



### Middle Channel / 15MHz / 16QAM

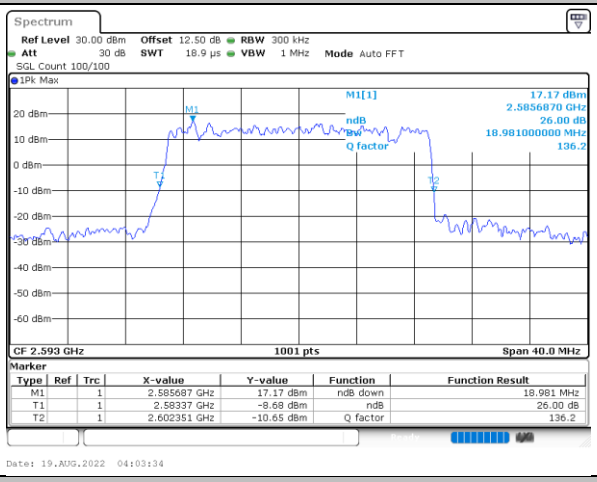


## LTE Band 41(HPUE)

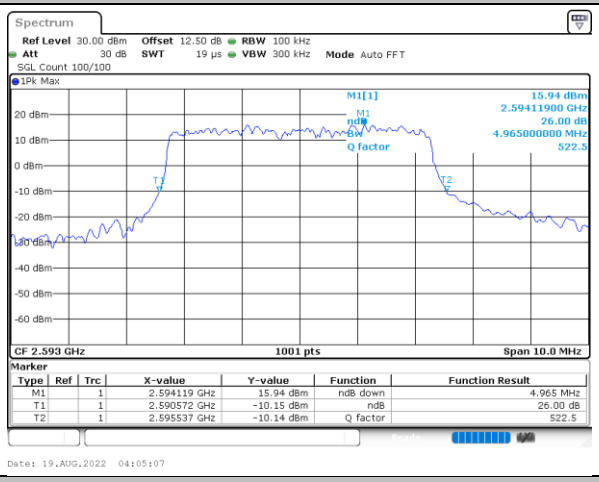
### Middle Channel / 20MHz / QPSK



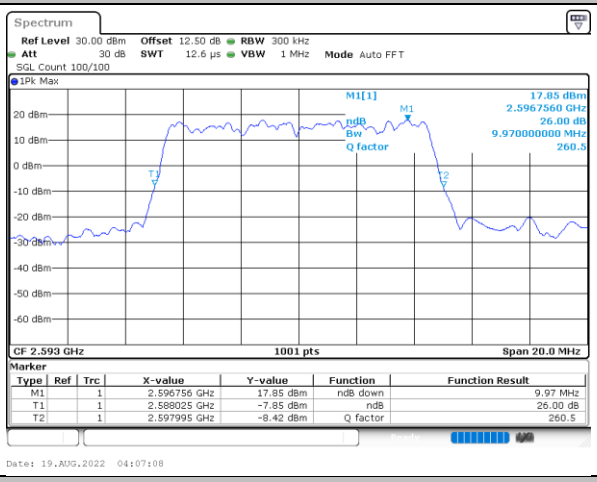

### Middle Channel / 20MHz / 16QAM



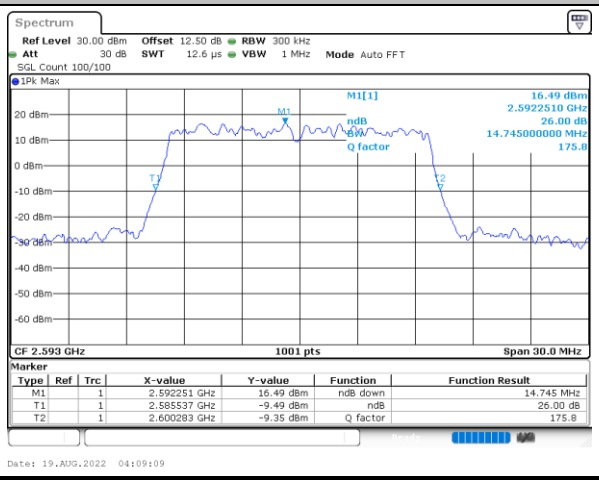

### Middle Channel / 5MHz / 64QAM



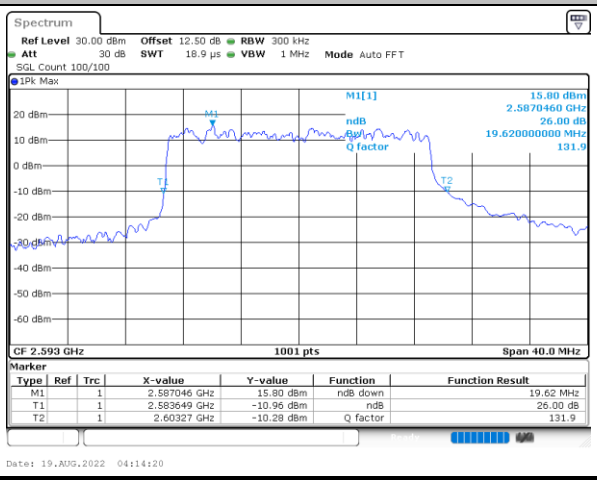

### Middle Channel / 10MHz / 64QAM




### Middle Channel / 15MHz / 64QAM

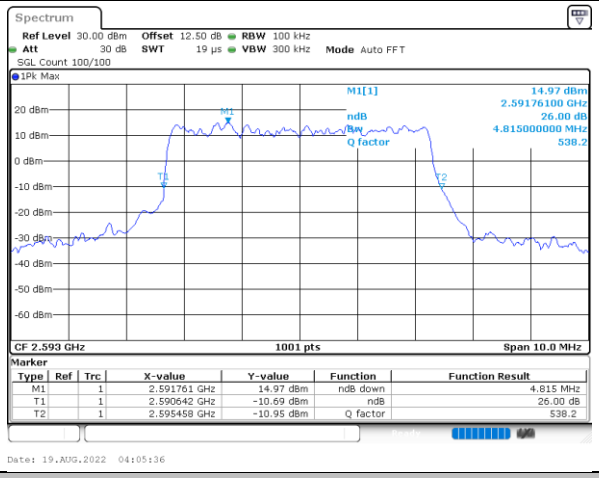



### Middle Channel / 20MHz / 64QAM

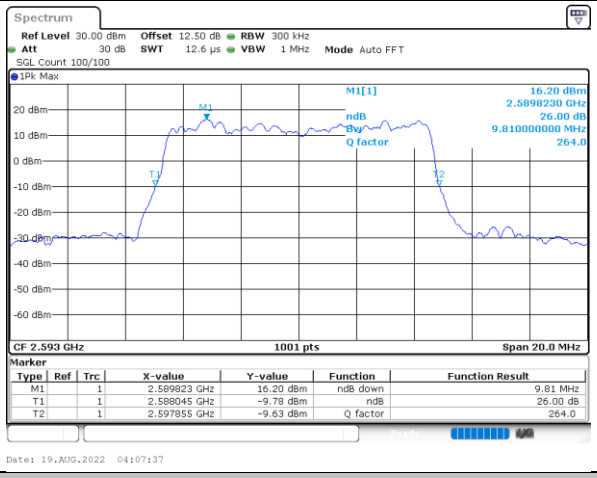


## LTE Band 41(HPUE)

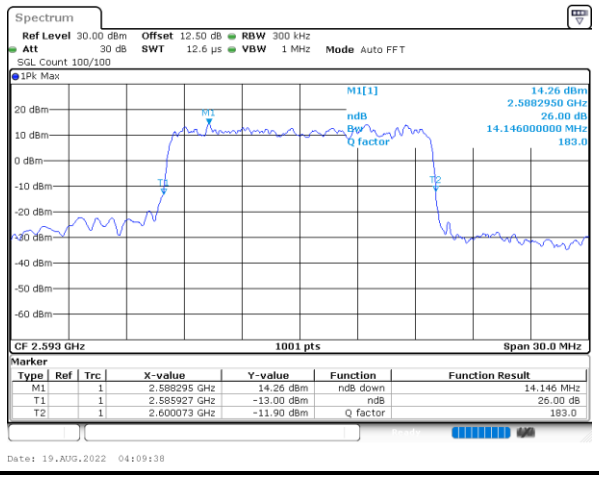
### Middle Channel / 5MHz / 256QAM



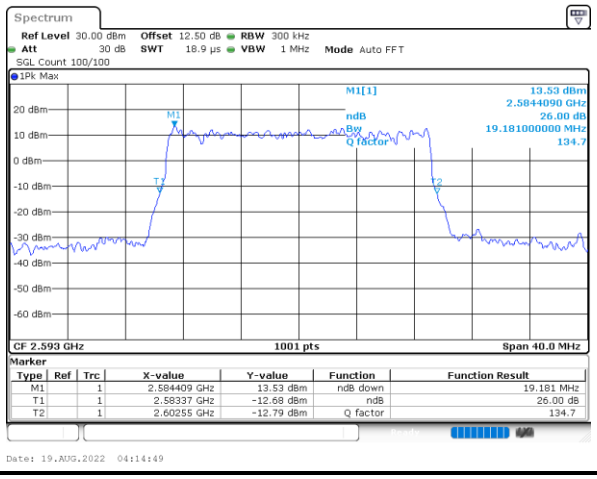

### Middle Channel / 10MHz / 256QAM




### Middle Channel / 15MHz / 256QAM




### Middle Channel / 20MHz / 256QAM

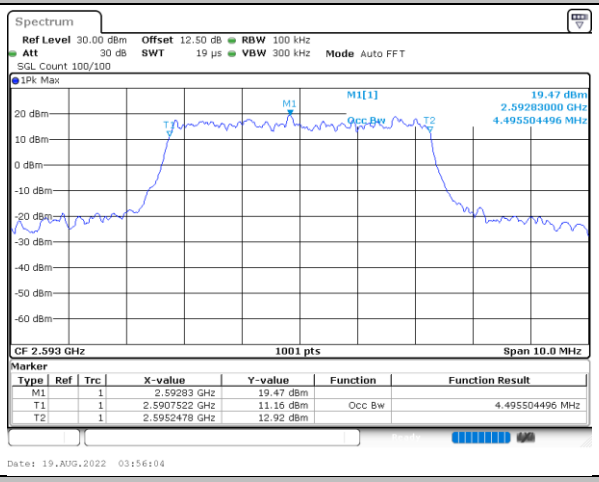


# Occupied Bandwidth

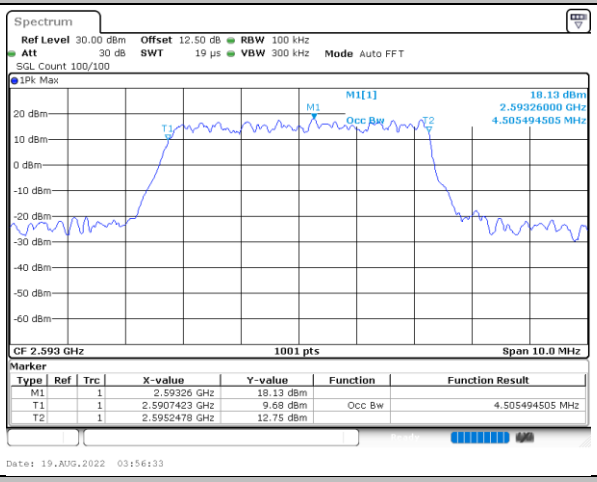
| Mode | LTE Band 41(HPUE) : 99%OBW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Middle CH | - | - | - | - | 4.50 | 4.51 | 9.07 | 9.07 | 13.43 | 13.34 | 17.82 | 17.90 |
| Mode | LTE Band 41(HPUE) : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | - | - | - | - | 4.50 | 4.47 | 9.09 | 9.09 | 13.43 | 13.46 | 17.98 | 17.90 |

## LTE Band 41(HPUE)

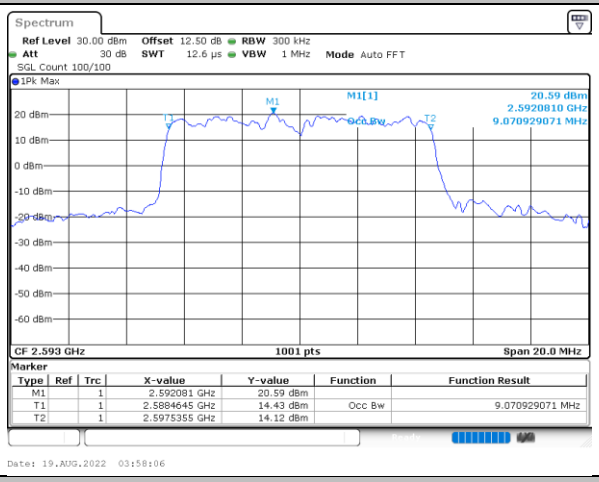
### Middle Channel / 5MHz / QPSK



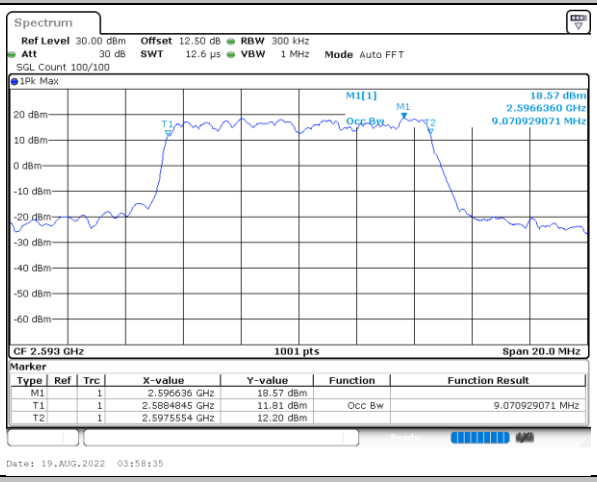

### Middle Channel / 5MHz / 16QAM



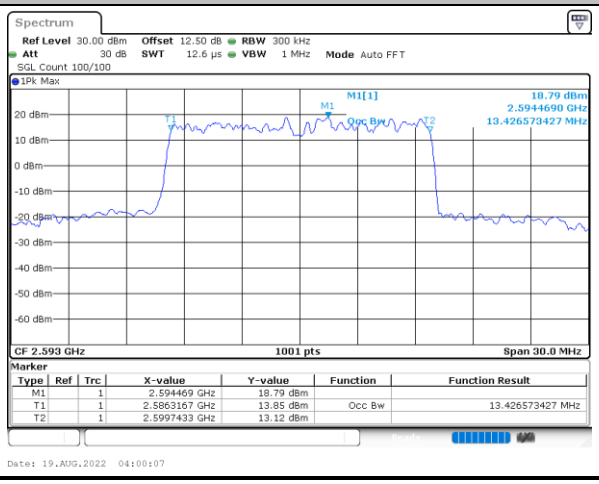

### Middle Channel / 10MHz / QPSK



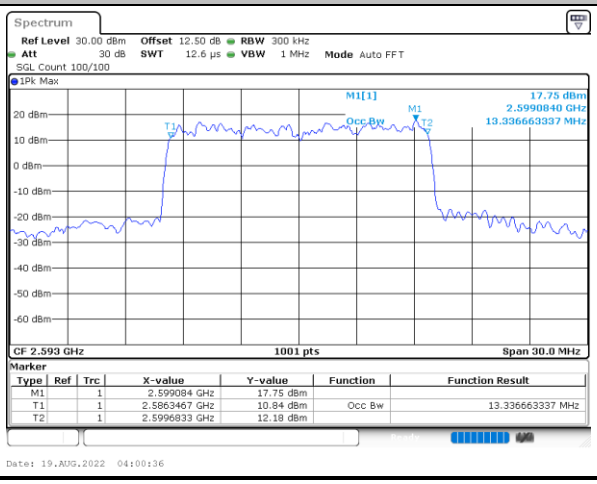

### Middle Channel / 10MHz / 16QAM




### Middle Channel / 15MHz / QPSK

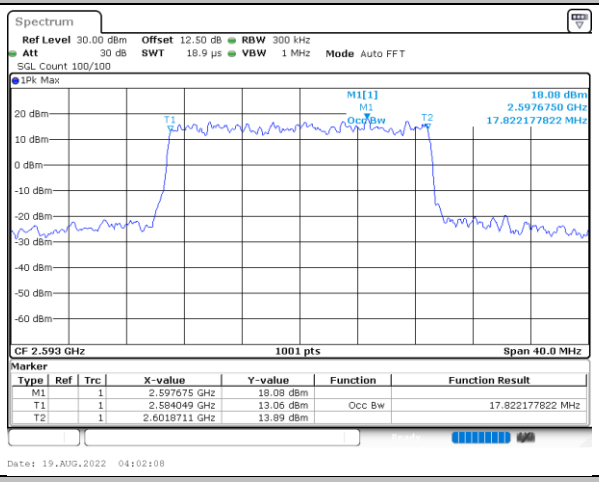



### Middle Channel / 15MHz / 16QAM

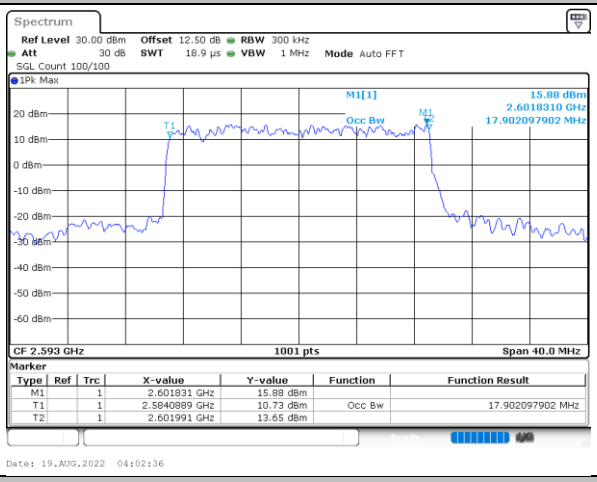


## LTE Band 41(HPUE)

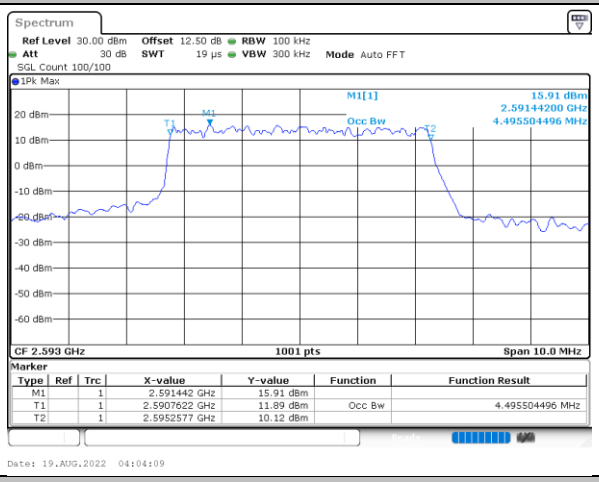
### Middle Channel / 20MHz / QPSK



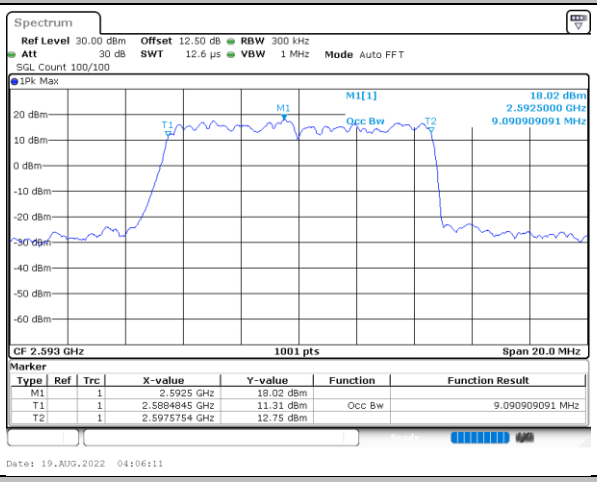

### Middle Channel / 20MHz / 16QAM



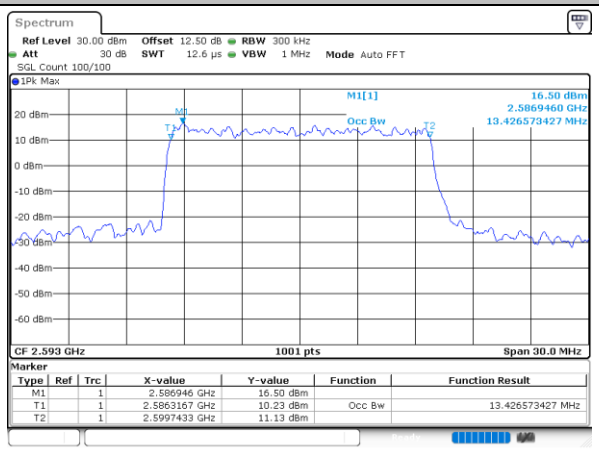

### Middle Channel / 5MHz / 64QAM



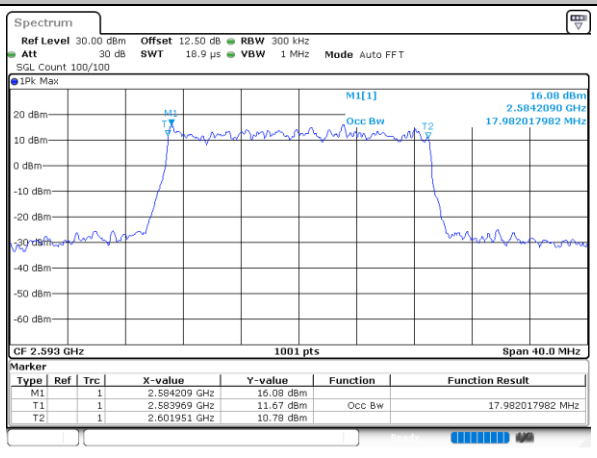

### Middle Channel / 10MHz / 64QAM




### Middle Channel / 15MHz / 64QAM

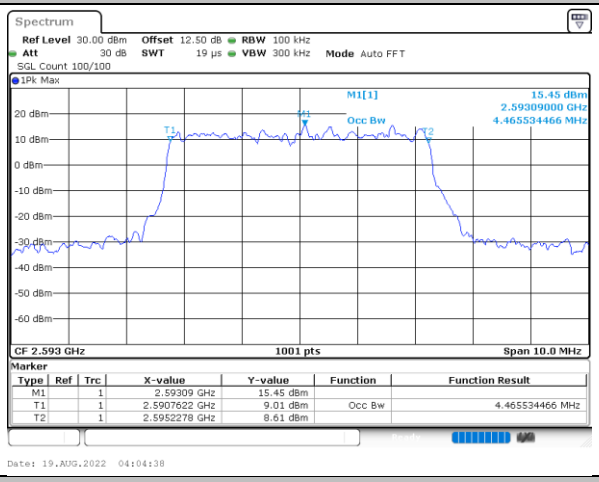



### Middle Channel / 20MHz / 64QAM

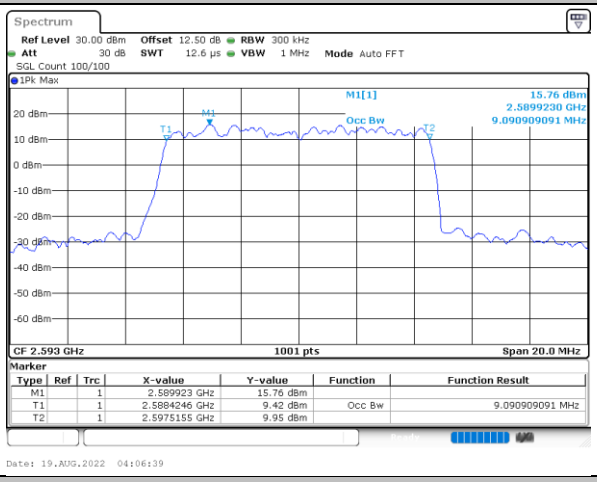


## LTE Band 41(HPUE)

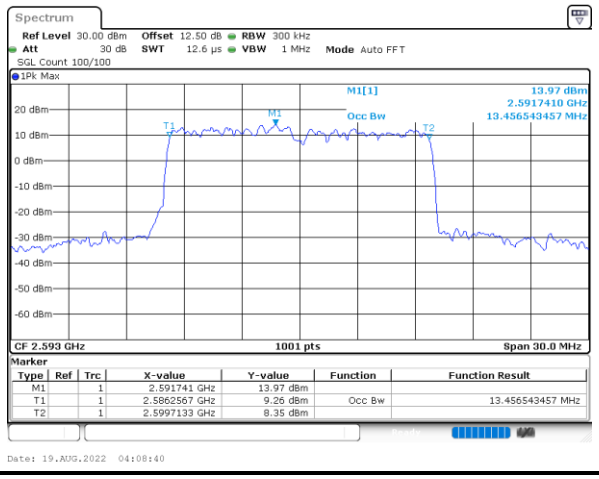
### Middle Channel / 5MHz / 256QAM



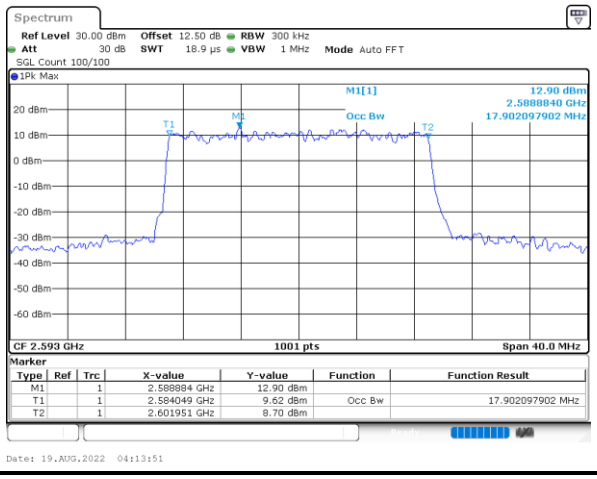

### Middle Channel / 10MHz / 256QAM




### Middle Channel / 15MHz / 256QAM



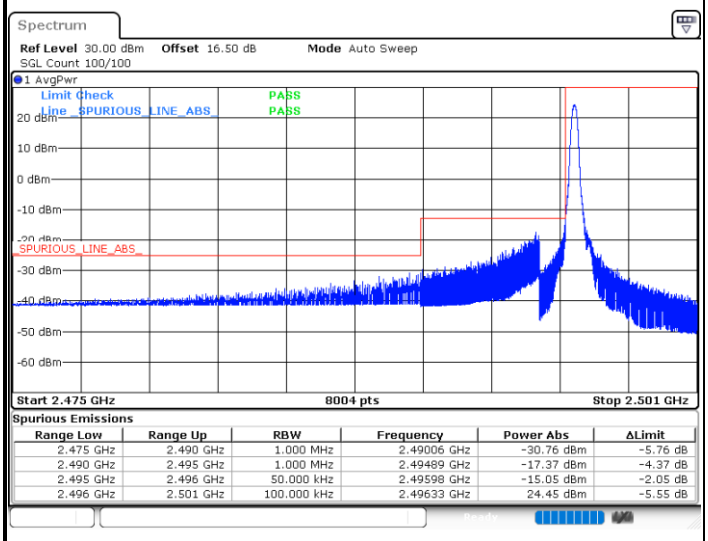

### Middle Channel / 20MHz / 256QAM



# Conducted Band Edge

## LTE Band 41(HPUE) / 5MHz / 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 | 2.49006 GHz | -30.76 dBm | -5.76 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49489 GHz | -17.37 dBm | -4.37 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49598 GHz | -15.05 dBm | -2.05 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49633 GHz | 24.45 dBm | -5.55 dB |

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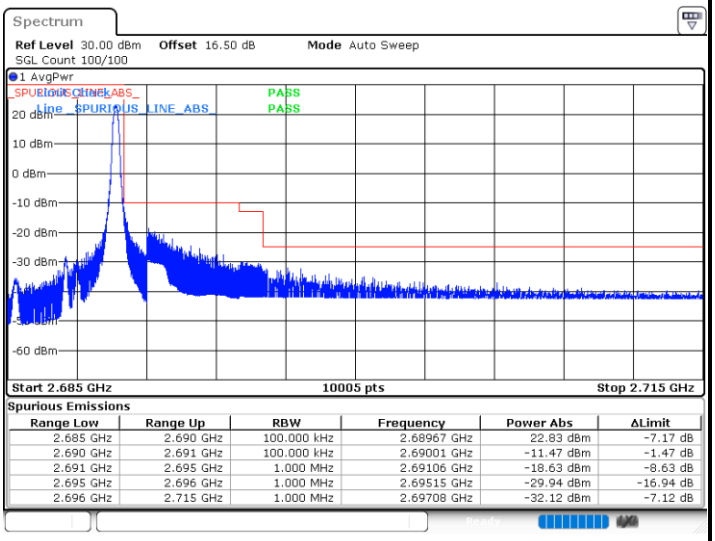
### Highest Band Edge / 1 RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68967 GHz | 22.83 dBm | -7.17 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69001 GHz | -11.47 dBm | -1.47 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69106 GHz | -18.63 dBm | -8.63 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69515 GHz | -29.94 dBm | -16.94 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69708 GHz | -32.12 dBm | -7.12 dB |

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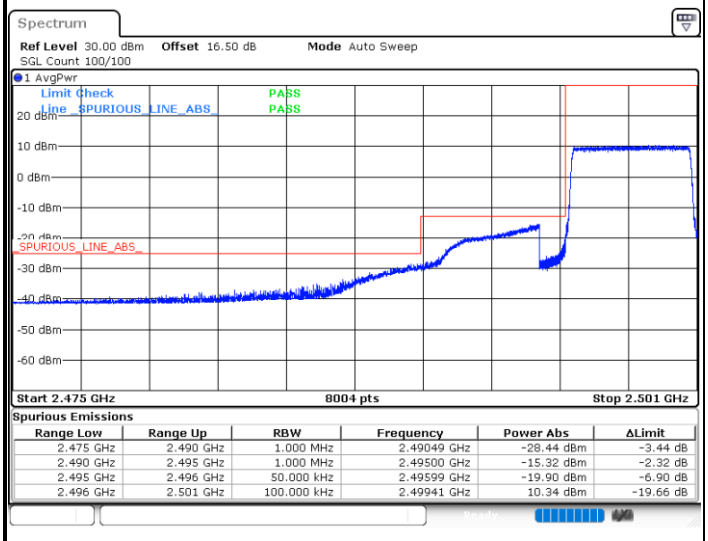
### Lowest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49049 GHz | -28.44 dBm | -3.44 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49500 GHz | -15.32 dBm | -2.32 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49599 GHz | -19.90 dBm | -6.90 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49941 GHz | 10.34 dBm | -19.66 dB |

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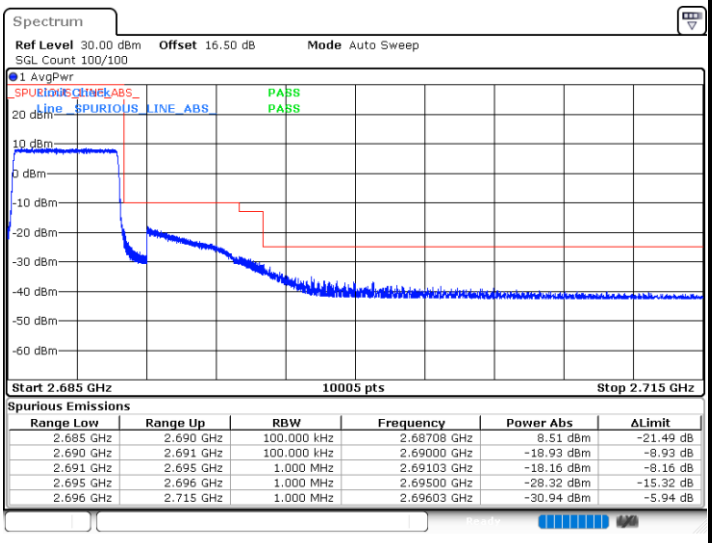
### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68708 GHz | 8.51 dBm | -21.49 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -18.93 dBm | -8.93 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69103 GHz | -18.16 dBm | -8.16 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69500 GHz | -28.32 dBm | -15.32 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69603 GHz | -30.94 dBm | -5.94 dB |

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