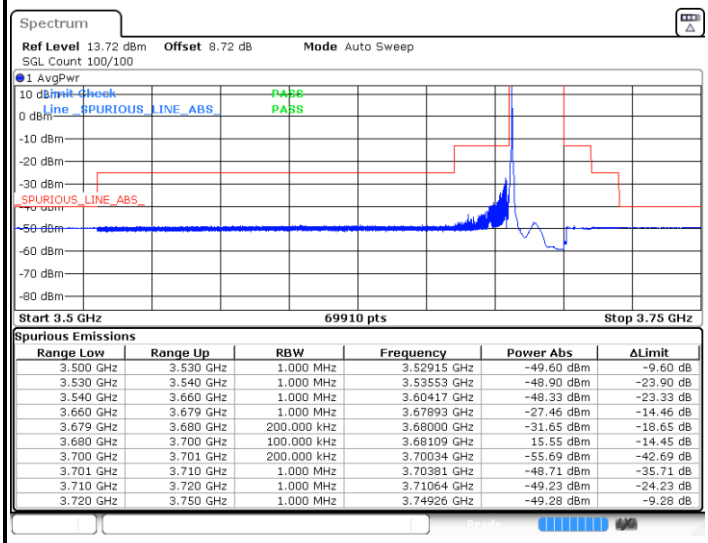
## LTE Band 48 / 20MHz

### 64QAM

#### Highest Channel / 1RB0

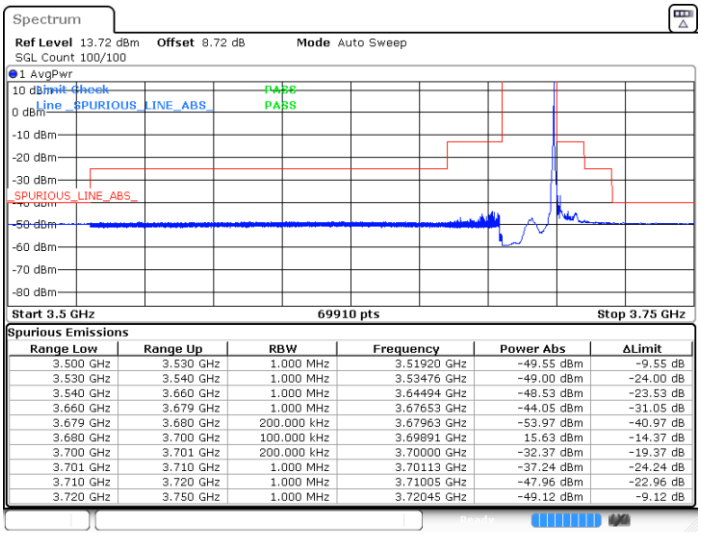



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52915 GHz | -49.60 dBm | -9.60 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53553 GHz | -48.90 dBm | -23.90 dB |
| 3.540 GHz | 3.660 GHz | 1.000 MHz | 3.60417 GHz | -48.33 dBm | -23.33 dB |
| 3.660 GHz | 3.679 GHz | 1.000 MHz | 3.67893 GHz | -27.46 dBm | -14.46 dB |
| 3.679 GHz | 3.680 GHz | 200.000 kHz | 3.68000 GHz | -31.65 dBm | -18.65 dB |
| 3.680 GHz | 3.700 GHz | 100.000 kHz | 3.68109 GHz | 15.55 dBm | -14.45 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70034 GHz | -55.69 dBm | -42.69 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70381 GHz | -48.71 dBm | -35.71 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71064 GHz | -49.23 dBm | -24.23 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74926 GHz | -49.28 dBm | -9.28 dB |

Date: 29.SEP.2022 06:03:46

#### Highest Channel / 1RBmax

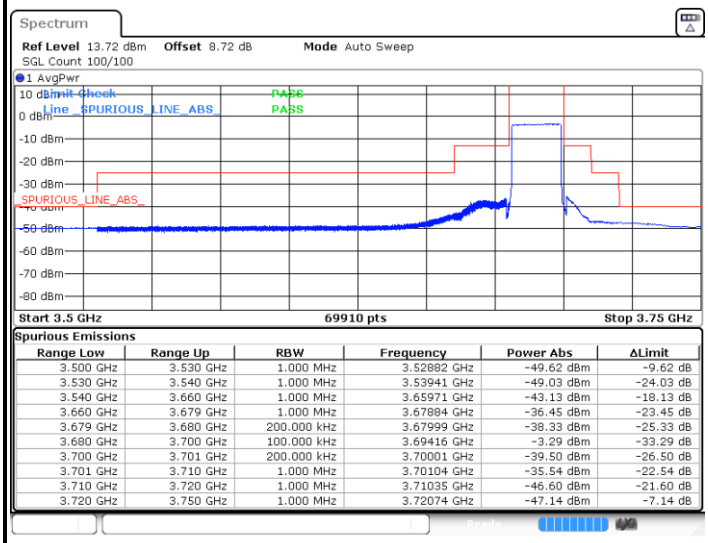



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51920 GHz | -49.55 dBm | -9.55 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53476 GHz | -49.00 dBm | -24.00 dB |
| 3.540 GHz | 3.660 GHz | 1.000 MHz | 3.64494 GHz | -48.53 dBm | -23.53 dB |
| 3.660 GHz | 3.679 GHz | 1.000 MHz | 3.67653 GHz | -44.05 dBm | -31.05 dB |
| 3.679 GHz | 3.680 GHz | 200.000 kHz | 3.67963 GHz | -53.97 dBm | -40.97 dB |
| 3.680 GHz | 3.700 GHz | 100.000 kHz | 3.69891 GHz | 15.63 dBm | -14.37 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70000 GHz | -32.37 dBm | -19.37 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70113 GHz | -37.24 dBm | -24.24 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71005 GHz | -47.96 dBm | -22.96 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72045 GHz | -49.12 dBm | -9.12 dB |

Date: 29.SEP.2022 06:11:14

#### Highest Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52882 GHz | -49.62 dBm | -9.62 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53941 GHz | -49.03 dBm | -24.03 dB |
| 3.540 GHz | 3.660 GHz | 1.000 MHz | 3.65971 GHz | -43.13 dBm | -18.13 dB |
| 3.660 GHz | 3.679 GHz | 1.000 MHz | 3.67884 GHz | -36.45 dBm | -23.45 dB |
| 3.679 GHz | 3.680 GHz | 200.000 kHz | 3.67999 GHz | -38.33 dBm | -25.33 dB |
| 3.680 GHz | 3.700 GHz | 100.000 kHz | 3.69416 GHz | -3.29 dBm | -33.29 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70001 GHz | -39.50 dBm | -26.50 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70104 GHz | -35.54 dBm | -22.54 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71035 GHz | -46.60 dBm | -21.60 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72074 GHz | -47.14 dBm | -7.14 dB |

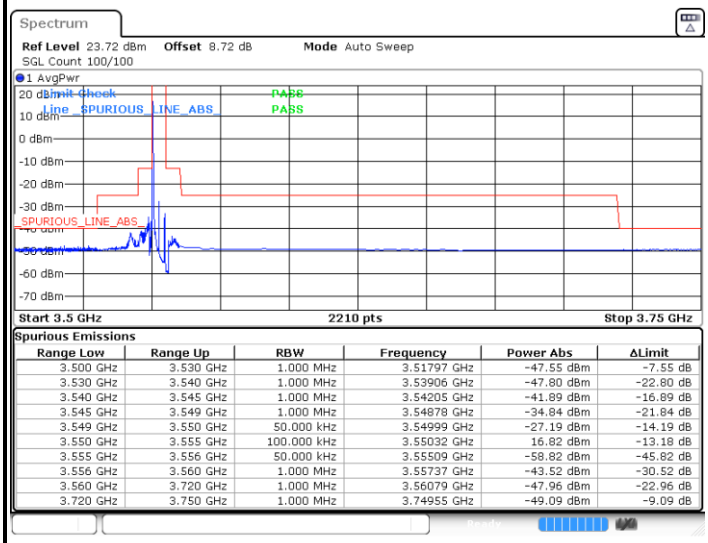
Date: 29.SEP.2022 06:18:42

#### N/A

## LTE Band 48 / 5MHz

### 256QAM

#### Lowest Channel / 1RB0

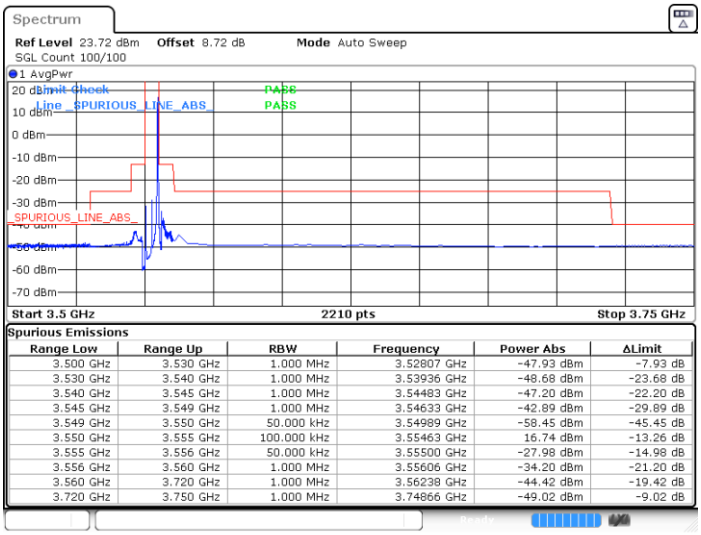



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51797 GHz | -47.55 dBm | -7.55 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53906 GHz | -47.80 dBm | -22.80 dB |
| 3.540 GHz | 3.545 GHz | 1.000 MHz | 3.54205 GHz | -41.89 dBm | -16.89 dB |
| 3.545 GHz | 3.549 GHz | 1.000 MHz | 3.54878 GHz | -34.84 dBm | -21.84 dB |
| 3.549 GHz | 3.550 GHz | 50.000 kHz | 3.54999 GHz | -27.19 dBm | -14.19 dB |
| 3.550 GHz | 3.555 GHz | 100.000 kHz | 3.55032 GHz | 16.82 dBm | -13.18 dB |
| 3.555 GHz | 3.556 GHz | 50.000 kHz | 3.55509 GHz | -58.82 dBm | -45.82 dB |
| 3.556 GHz | 3.560 GHz | 1.000 MHz | 3.55737 GHz | -43.52 dBm | -30.52 dB |
| 3.560 GHz | 3.720 GHz | 1.000 MHz | 3.56079 GHz | -47.96 dBm | -22.96 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74955 GHz | -49.09 dBm | -9.09 dB |

Date: 29.SEP.2022 02:23:35

#### Lowest Channel / 1RBmax

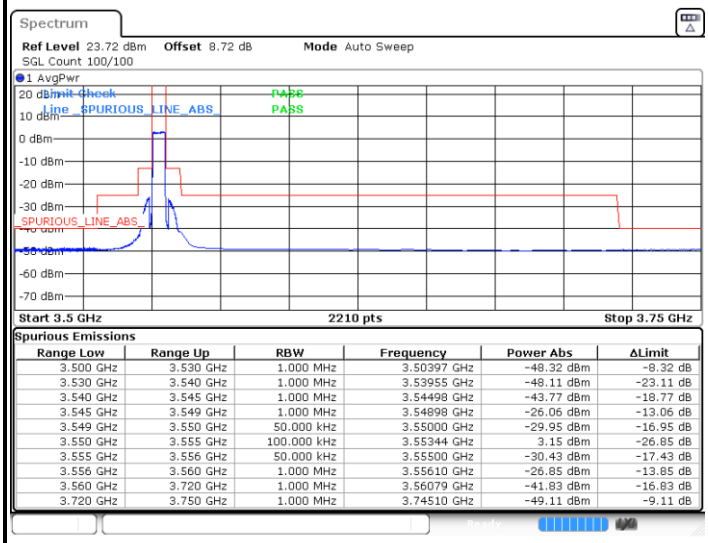



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52807 GHz | -47.93 dBm | -7.93 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53936 GHz | -48.68 dBm | -23.68 dB |
| 3.540 GHz | 3.545 GHz | 1.000 MHz | 3.54483 GHz | -47.20 dBm | -22.20 dB |
| 3.545 GHz | 3.549 GHz | 1.000 MHz | 3.54633 GHz | -42.89 dBm | -29.89 dB |
| 3.549 GHz | 3.550 GHz | 50.000 kHz | 3.54989 GHz | -58.45 dBm | -45.45 dB |
| 3.550 GHz | 3.555 GHz | 100.000 kHz | 3.55463 GHz | 16.74 dBm | -13.26 dB |
| 3.555 GHz | 3.556 GHz | 50.000 kHz | 3.55500 GHz | -27.98 dBm | -14.98 dB |
| 3.556 GHz | 3.560 GHz | 1.000 MHz | 3.55606 GHz | -34.20 dBm | -21.20 dB |
| 3.560 GHz | 3.720 GHz | 1.000 MHz | 3.56238 GHz | -44.42 dBm | -19.42 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74866 GHz | -49.02 dBm | -9.02 dB |

Date: 29.SEP.2022 02:29:06

#### Lowest Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50397 GHz | -48.32 dBm | -8.32 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53955 GHz | -48.11 dBm | -23.11 dB |
| 3.540 GHz | 3.545 GHz | 1.000 MHz | 3.54498 GHz | -43.77 dBm | -18.77 dB |
| 3.545 GHz | 3.549 GHz | 1.000 MHz | 3.54898 GHz | -26.06 dBm | -13.06 dB |
| 3.549 GHz | 3.550 GHz | 50.000 kHz | 3.55000 GHz | -29.95 dBm | -16.95 dB |
| 3.550 GHz | 3.555 GHz | 100.000 kHz | 3.55344 GHz | 3.15 dBm | -26.85 dB |
| 3.555 GHz | 3.556 GHz | 50.000 kHz | 3.55500 GHz | -30.43 dBm | -17.43 dB |
| 3.556 GHz | 3.560 GHz | 1.000 MHz | 3.55610 GHz | -26.85 dBm | -13.85 dB |
| 3.560 GHz | 3.720 GHz | 1.000 MHz | 3.56079 GHz | -41.83 dBm | -16.83 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74510 GHz | -49.11 dBm | -9.11 dB |

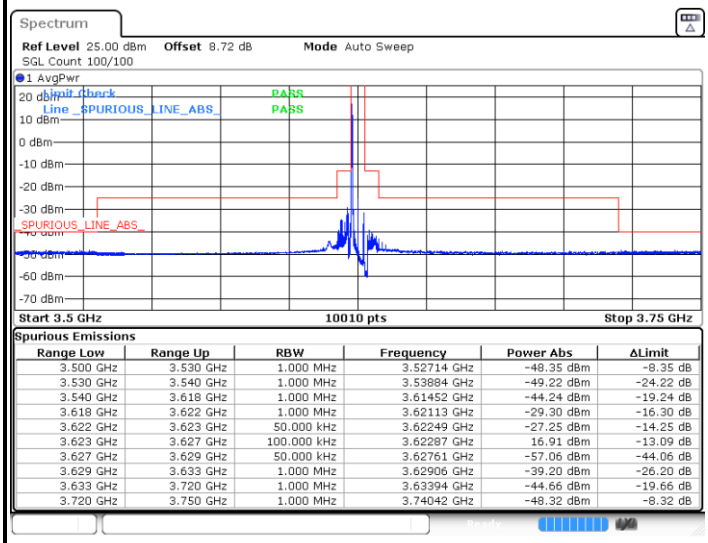
Date: 29.SEP.2022 02:34:31

#### N/A

## LTE Band 48 / 5MHz

### 256QAM

#### Middle Channel / 1RB0

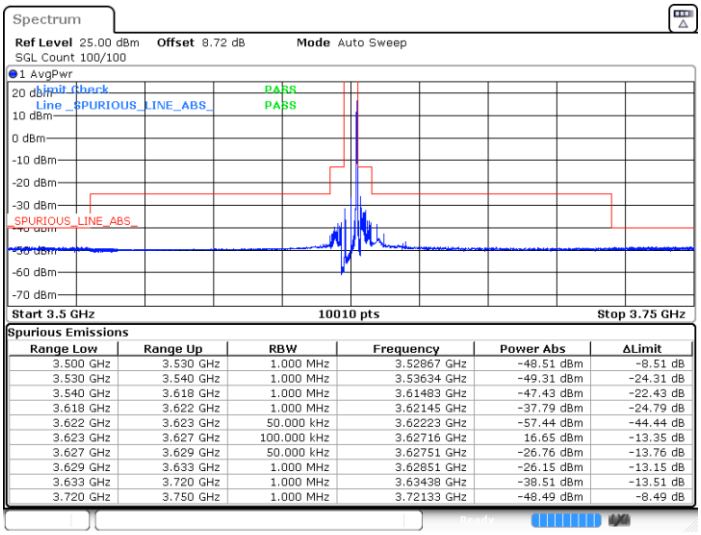



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52714 GHz | -48.35 dBm | -8.35 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53884 GHz | -49.22 dBm | -24.22 dB |
| 3.540 GHz | 3.618 GHz | 1.000 MHz | 3.61452 GHz | -44.24 dBm | -19.24 dB |
| 3.618 GHz | 3.622 GHz | 1.000 MHz | 3.62113 GHz | -29.30 dBm | -16.30 dB |
| 3.622 GHz | 3.623 GHz | 50.000 kHz | 3.62249 GHz | -27.25 dBm | -14.25 dB |
| 3.623 GHz | 3.627 GHz | 100.000 kHz | 3.62287 GHz | 16.91 dBm | -13.09 dB |
| 3.627 GHz | 3.629 GHz | 50.000 kHz | 3.62751 GHz | -57.06 dBm | -44.06 dB |
| 3.629 GHz | 3.633 GHz | 1.000 MHz | 3.62906 GHz | -39.20 dBm | -26.20 dB |
| 3.633 GHz | 3.720 GHz | 1.000 MHz | 3.63394 GHz | -44.66 dBm | -19.66 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74042 GHz | -48.32 dBm | -8.32 dB |

Date: 29.SEP.2022 02:41:08

#### Middle Channel / 1RBmax

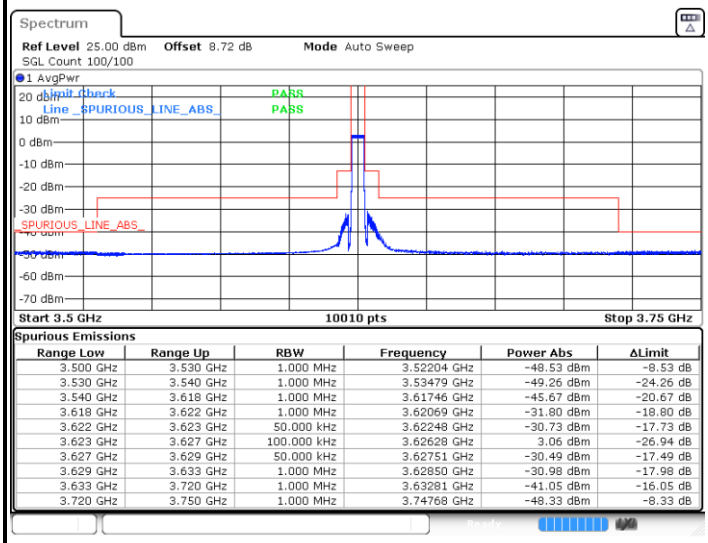



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52867 GHz | -48.51 dBm | -8.51 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53634 GHz | -49.31 dBm | -24.31 dB |
| 3.540 GHz | 3.618 GHz | 1.000 MHz | 3.61483 GHz | -47.43 dBm | -22.43 dB |
| 3.618 GHz | 3.622 GHz | 1.000 MHz | 3.62145 GHz | -37.79 dBm | -24.79 dB |
| 3.622 GHz | 3.623 GHz | 50.000 kHz | 3.62223 GHz | -57.44 dBm | -44.44 dB |
| 3.623 GHz | 3.627 GHz | 100.000 kHz | 3.62716 GHz | 16.65 dBm | -13.35 dB |
| 3.627 GHz | 3.629 GHz | 50.000 kHz | 3.62751 GHz | -26.76 dBm | -13.76 dB |
| 3.629 GHz | 3.633 GHz | 1.000 MHz | 3.62851 GHz | -26.15 dBm | -13.15 dB |
| 3.633 GHz | 3.720 GHz | 1.000 MHz | 3.63438 GHz | -38.51 dBm | -13.51 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72133 GHz | -48.49 dBm | -8.49 dB |

Date: 29.SEP.2022 02:46:30

#### Middle Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52204 GHz | -48.53 dBm | -8.53 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53479 GHz | -49.26 dBm | -24.26 dB |
| 3.540 GHz | 3.618 GHz | 1.000 MHz | 3.61746 GHz | -45.67 dBm | -20.67 dB |
| 3.618 GHz | 3.622 GHz | 1.000 MHz | 3.62069 GHz | -31.80 dBm | -18.80 dB |
| 3.622 GHz | 3.623 GHz | 50.000 kHz | 3.62248 GHz | -30.73 dBm | -17.73 dB |
| 3.623 GHz | 3.627 GHz | 100.000 kHz | 3.62628 GHz | 3.06 dBm | -26.94 dB |
| 3.627 GHz | 3.629 GHz | 50.000 kHz | 3.62751 GHz | -30.49 dBm | -17.49 dB |
| 3.629 GHz | 3.633 GHz | 1.000 MHz | 3.62850 GHz | -30.98 dBm | -17.98 dB |
| 3.633 GHz | 3.720 GHz | 1.000 MHz | 3.63281 GHz | -41.05 dBm | -16.05 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74768 GHz | -48.33 dBm | -8.33 dB |

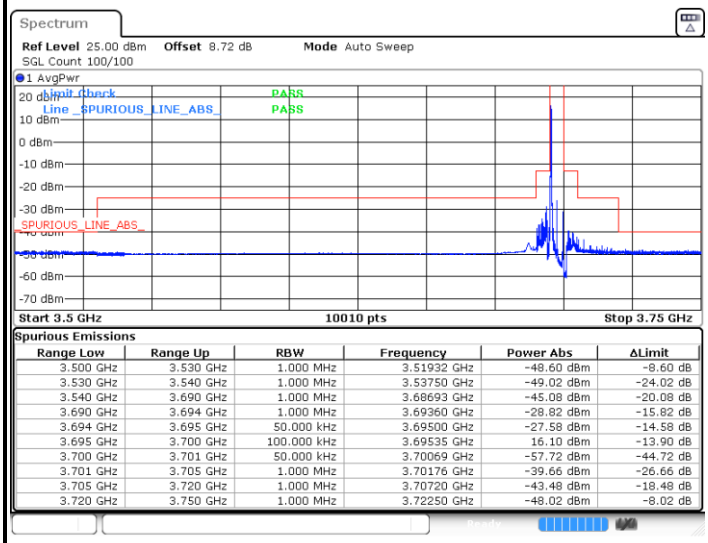
Date: 29.SEP.2022 02:51:52

#### N/A

## LTE Band 48 / 5MHz

### 256QAM

#### Highest Channel / 1RB0

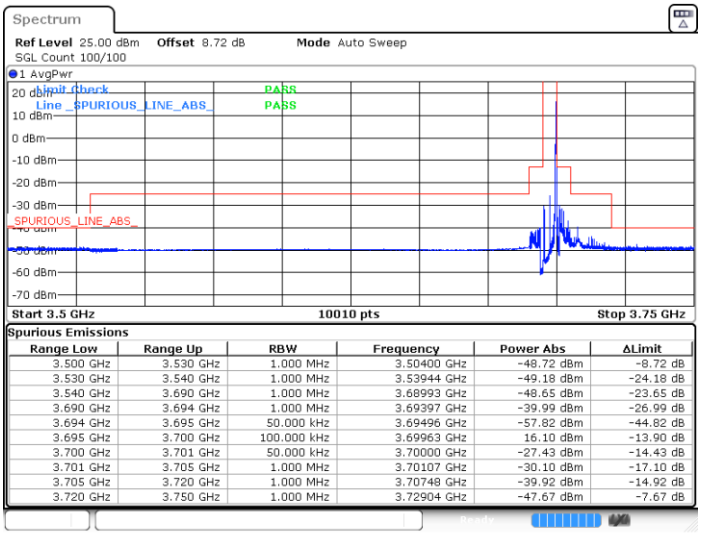



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51932 GHz | -48.60 dBm | -8.60 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53750 GHz | -49.02 dBm | -24.02 dB |
| 3.540 GHz | 3.690 GHz | 1.000 MHz | 3.68693 GHz | -45.08 dBm | -20.08 dB |
| 3.690 GHz | 3.694 GHz | 1.000 MHz | 3.69360 GHz | -28.82 dBm | -15.82 dB |
| 3.694 GHz | 3.695 GHz | 50.000 kHz | 3.69500 GHz | -27.58 dBm | -14.58 dB |
| 3.695 GHz | 3.700 GHz | 100.000 kHz | 3.69535 GHz | 16.10 dBm | -13.90 dB |
| 3.700 GHz | 3.701 GHz | 50.000 kHz | 3.70069 GHz | -57.72 dBm | -44.72 dB |
| 3.701 GHz | 3.705 GHz | 1.000 MHz | 3.70176 GHz | -39.66 dBm | -26.66 dB |
| 3.705 GHz | 3.720 GHz | 1.000 MHz | 3.70720 GHz | -43.48 dBm | -18.48 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72250 GHz | -48.02 dBm | -8.02 dB |

Date: 29.SEP.2022 02:57:17

#### Highest Channel / 1RBmax

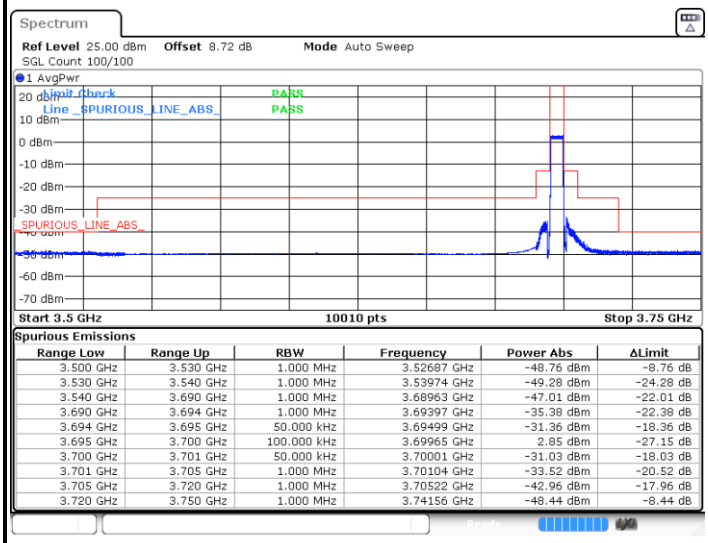



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50400 GHz | -48.72 dBm | -8.72 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53944 GHz | -49.18 dBm | -24.18 dB |
| 3.540 GHz | 3.690 GHz | 1.000 MHz | 3.68993 GHz | -48.65 dBm | -23.65 dB |
| 3.690 GHz | 3.694 GHz | 1.000 MHz | 3.69397 GHz | -39.99 dBm | -26.99 dB |
| 3.694 GHz | 3.695 GHz | 50.000 kHz | 3.69496 GHz | -57.82 dBm | -44.82 dB |
| 3.695 GHz | 3.700 GHz | 100.000 kHz | 3.69963 GHz | 16.10 dBm | -13.90 dB |
| 3.700 GHz | 3.701 GHz | 50.000 kHz | 3.70000 GHz | -27.43 dBm | -14.43 dB |
| 3.701 GHz | 3.705 GHz | 1.000 MHz | 3.70107 GHz | -30.10 dBm | -17.10 dB |
| 3.705 GHz | 3.720 GHz | 1.000 MHz | 3.70748 GHz | -39.92 dBm | -14.92 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72904 GHz | -47.67 dBm | -7.67 dB |

Date: 29.SEP.2022 03:02:41

#### Highest Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52687 GHz | -48.76 dBm | -8.76 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53974 GHz | -49.28 dBm | -24.28 dB |
| 3.540 GHz | 3.690 GHz | 1.000 MHz | 3.68963 GHz | -47.01 dBm | -22.01 dB |
| 3.690 GHz | 3.694 GHz | 1.000 MHz | 3.69397 GHz | -35.38 dBm | -22.38 dB |
| 3.694 GHz | 3.695 GHz | 50.000 kHz | 3.69499 GHz | -31.36 dBm | -18.36 dB |
| 3.695 GHz | 3.700 GHz | 100.000 kHz | 3.69965 GHz | 2.85 dBm | -27.15 dB |
| 3.700 GHz | 3.701 GHz | 50.000 kHz | 3.70001 GHz | -31.03 dBm | -18.03 dB |
| 3.701 GHz | 3.705 GHz | 1.000 MHz | 3.70104 GHz | -33.52 dBm | -20.52 dB |
| 3.705 GHz | 3.720 GHz | 1.000 MHz | 3.70522 GHz | -42.96 dBm | -17.96 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74156 GHz | -48.44 dBm | -8.44 dB |

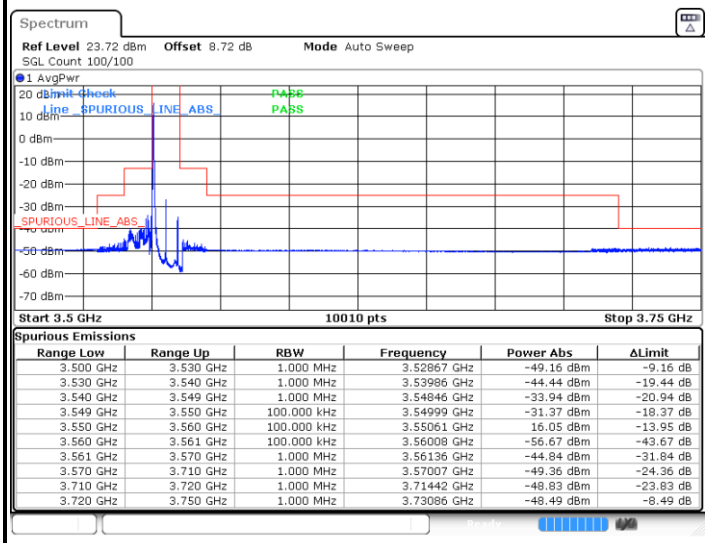
Date: 29.SEP.2022 03:08:05

#### N/A

## LTE Band 48 / 10MHz

### 256QAM

#### Lowest Channel / 1RB0

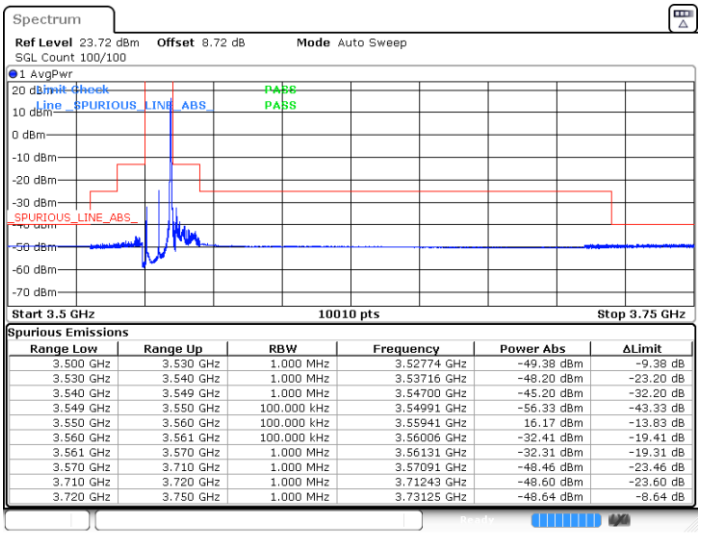



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52867 GHz | -49.16 dBm | -9.16 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53986 GHz | -44.44 dBm | -19.44 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54846 GHz | -33.94 dBm | -20.94 dB |
| 3.549 GHz | 3.550 GHz | 100.000 kHz | 3.54999 GHz | -31.37 dBm | -18.37 dB |
| 3.550 GHz | 3.560 GHz | 100.000 kHz | 3.55061 GHz | 16.05 dBm | -13.95 dB |
| 3.560 GHz | 3.561 GHz | 100.000 kHz | 3.56008 GHz | -56.67 dBm | -43.67 dB |
| 3.561 GHz | 3.570 GHz | 1.000 MHz | 3.56136 GHz | -44.84 dBm | -31.84 dB |
| 3.570 GHz | 3.710 GHz | 1.000 MHz | 3.57007 GHz | -49.36 dBm | -24.36 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71442 GHz | -48.83 dBm | -23.83 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73086 GHz | -48.49 dBm | -8.49 dB |

Date: 29.SEP.2022 03:21:14

#### Lowest Channel / 1RBmax

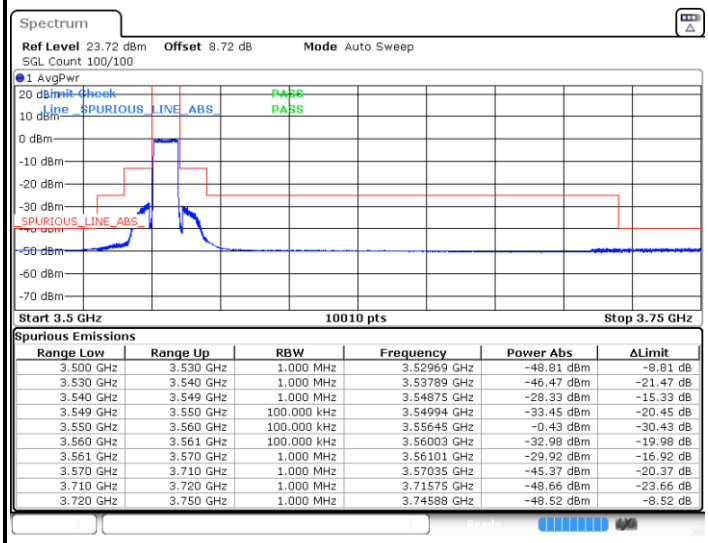



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52774 GHz | -49.38 dBm | -9.38 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53716 GHz | -48.20 dBm | -23.20 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54700 GHz | -45.20 dBm | -32.20 dB |
| 3.549 GHz | 3.550 GHz | 100.000 kHz | 3.54991 GHz | -56.33 dBm | -43.33 dB |
| 3.550 GHz | 3.560 GHz | 100.000 kHz | 3.55941 GHz | 16.17 dBm | -13.83 dB |
| 3.560 GHz | 3.561 GHz | 100.000 kHz | 3.56006 GHz | -32.41 dBm | -19.41 dB |
| 3.561 GHz | 3.570 GHz | 1.000 MHz | 3.56131 GHz | -32.31 dBm | -19.31 dB |
| 3.570 GHz | 3.710 GHz | 1.000 MHz | 3.57091 GHz | -48.46 dBm | -23.46 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71243 GHz | -48.60 dBm | -23.60 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73125 GHz | -48.64 dBm | -8.64 dB |

Date: 29.SEP.2022 03:26:38

#### Lowest Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52969 GHz | -48.81 dBm | -8.81 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53789 GHz | -46.47 dBm | -21.47 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54875 GHz | -28.33 dBm | -15.33 dB |
| 3.549 GHz | 3.550 GHz | 100.000 kHz | 3.54994 GHz | -33.45 dBm | -20.45 dB |
| 3.550 GHz | 3.560 GHz | 100.000 kHz | 3.55645 GHz | -0.43 dBm | -30.43 dB |
| 3.560 GHz | 3.561 GHz | 100.000 kHz | 3.56003 GHz | -32.98 dBm | -19.98 dB |
| 3.561 GHz | 3.570 GHz | 1.000 MHz | 3.56101 GHz | -29.92 dBm | -16.92 dB |
| 3.570 GHz | 3.710 GHz | 1.000 MHz | 3.57035 GHz | -45.37 dBm | -20.37 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71575 GHz | -48.66 dBm | -23.66 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74588 GHz | -48.52 dBm | -8.52 dB |

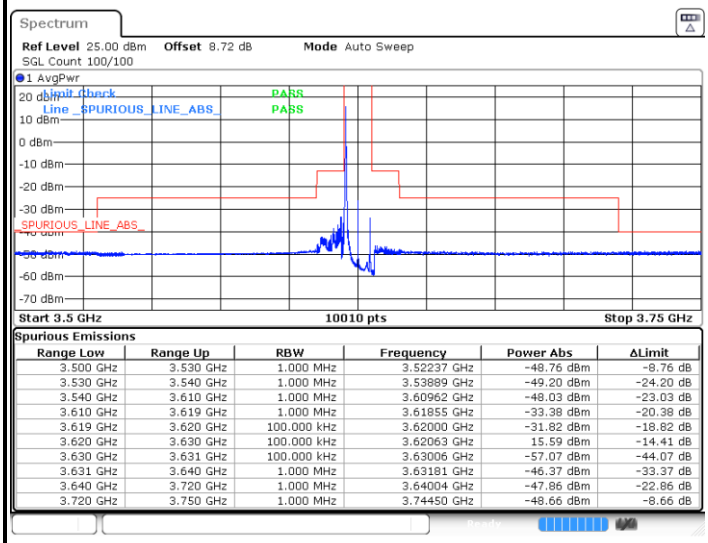
Date: 29.SEP.2022 03:32:03

#### N/A

## LTE Band 48 / 10MHz

### 256QAM

#### Middle Channel / 1RB0

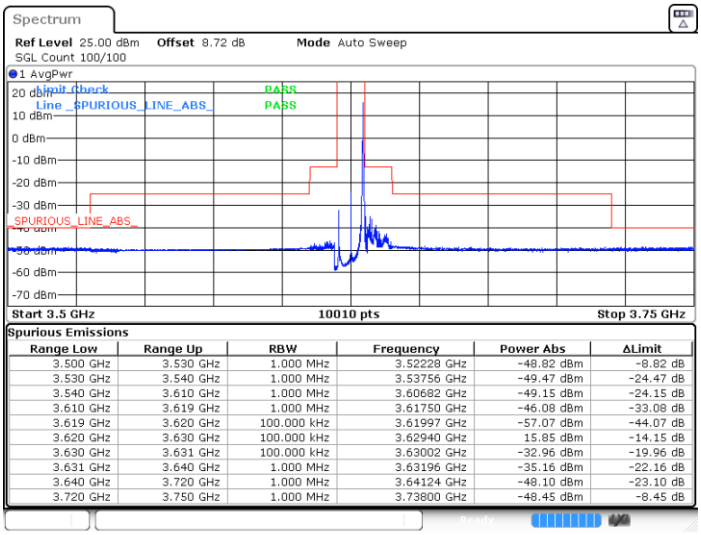



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52237 GHz | -48.76 dBm | -8.76 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53889 GHz | -49.20 dBm | -24.20 dB |
| 3.540 GHz | 3.610 GHz | 1.000 MHz | 3.60962 GHz | -48.03 dBm | -23.03 dB |
| 3.610 GHz | 3.619 GHz | 1.000 MHz | 3.61855 GHz | -33.38 dBm | -20.38 dB |
| 3.619 GHz | 3.620 GHz | 100.000 kHz | 3.62000 GHz | -31.82 dBm | -18.82 dB |
| 3.620 GHz | 3.630 GHz | 100.000 kHz | 3.62063 GHz | 15.59 dBm | -14.41 dB |
| 3.630 GHz | 3.631 GHz | 100.000 kHz | 3.63006 GHz | -57.07 dBm | -44.07 dB |
| 3.631 GHz | 3.640 GHz | 1.000 MHz | 3.63181 GHz | -46.37 dBm | -33.37 dB |
| 3.640 GHz | 3.720 GHz | 1.000 MHz | 3.64004 GHz | -47.86 dBm | -22.86 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74450 GHz | -48.66 dBm | -8.66 dB |

Date: 29.SEP.2022 10:02:09

#### Middle Channel / 1RBmax

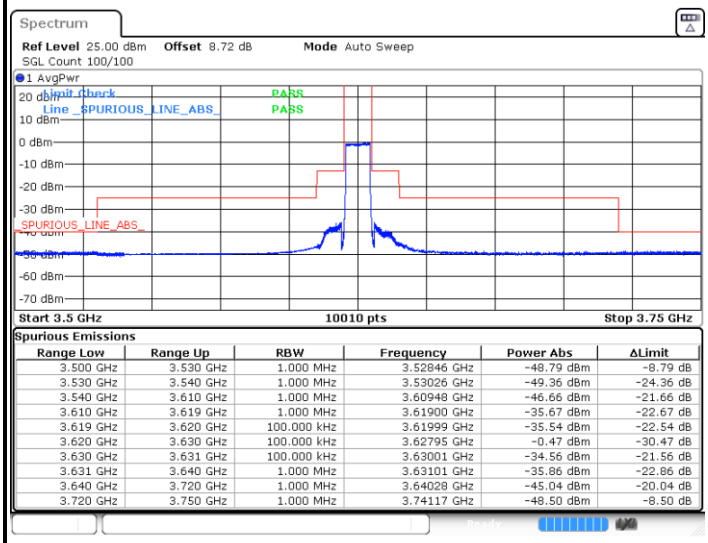



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52228 GHz | -48.82 dBm | -8.82 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53756 GHz | -49.47 dBm | -24.47 dB |
| 3.540 GHz | 3.610 GHz | 1.000 MHz | 3.60682 GHz | -49.15 dBm | -24.15 dB |
| 3.610 GHz | 3.619 GHz | 1.000 MHz | 3.61750 GHz | -46.08 dBm | -33.08 dB |
| 3.619 GHz | 3.620 GHz | 100.000 kHz | 3.61997 GHz | -57.07 dBm | -44.07 dB |
| 3.620 GHz | 3.630 GHz | 100.000 kHz | 3.62940 GHz | 15.85 dBm | -14.15 dB |
| 3.630 GHz | 3.631 GHz | 100.000 kHz | 3.63002 GHz | -32.96 dBm | -19.96 dB |
| 3.631 GHz | 3.640 GHz | 1.000 MHz | 3.63196 GHz | -35.16 dBm | -22.16 dB |
| 3.640 GHz | 3.720 GHz | 1.000 MHz | 3.64124 GHz | -48.10 dBm | -23.10 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73800 GHz | -48.45 dBm | -8.45 dB |

Date: 29.SEP.2022 03:45:17

#### Middle Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52846 GHz | -48.79 dBm | -8.79 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53026 GHz | -49.36 dBm | -24.36 dB |
| 3.540 GHz | 3.610 GHz | 1.000 MHz | 3.60948 GHz | -46.66 dBm | -21.66 dB |
| 3.610 GHz | 3.619 GHz | 1.000 MHz | 3.61900 GHz | -35.67 dBm | -22.67 dB |
| 3.619 GHz | 3.620 GHz | 100.000 kHz | 3.61999 GHz | -35.54 dBm | -22.54 dB |
| 3.620 GHz | 3.630 GHz | 100.000 kHz | 3.62795 GHz | -0.47 dBm | -30.47 dB |
| 3.630 GHz | 3.631 GHz | 100.000 kHz | 3.63001 GHz | -34.56 dBm | -21.56 dB |
| 3.631 GHz | 3.640 GHz | 1.000 MHz | 3.63101 GHz | -35.86 dBm | -22.86 dB |
| 3.640 GHz | 3.720 GHz | 1.000 MHz | 3.64028 GHz | -45.04 dBm | -20.04 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74117 GHz | -48.50 dBm | -8.50 dB |

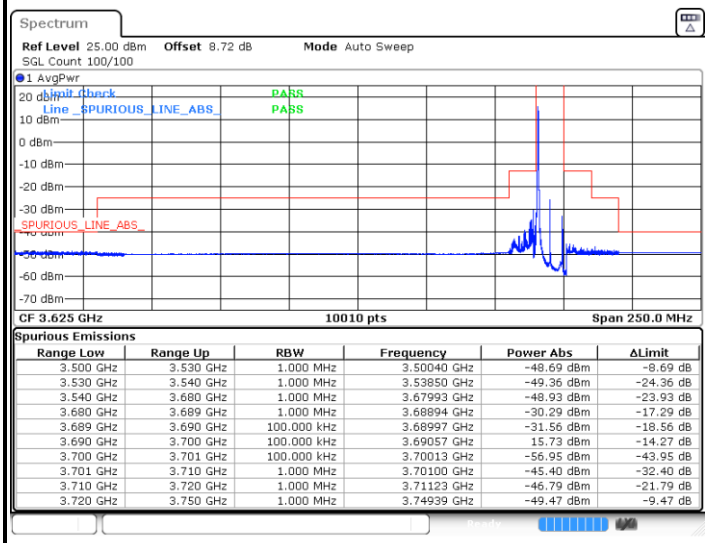
Date: 29.SEP.2022 03:50:38

#### N/A

## LTE Band 48 / 10MHz

### 256QAM

#### Highest Channel / 1RB0

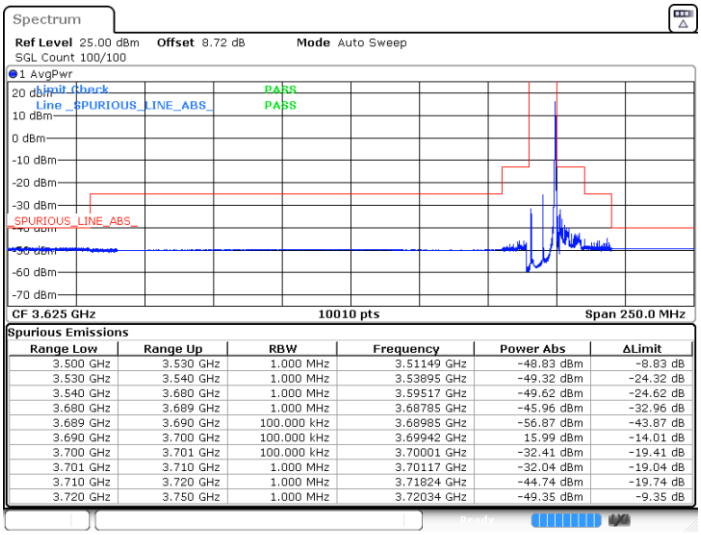



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50040 GHz | -48.69 dBm | -8.69 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53850 GHz | -49.36 dBm | -24.36 dB |
| 3.540 GHz | 3.680 GHz | 1.000 MHz | 3.67993 GHz | -48.93 dBm | -23.93 dB |
| 3.680 GHz | 3.689 GHz | 1.000 MHz | 3.68894 GHz | -30.29 dBm | -17.29 dB |
| 3.689 GHz | 3.690 GHz | 100.000 kHz | 3.68997 GHz | -31.56 dBm | -18.56 dB |
| 3.690 GHz | 3.700 GHz | 100.000 kHz | 3.69057 GHz | 15.73 dBm | -14.27 dB |
| 3.700 GHz | 3.701 GHz | 100.000 kHz | 3.70013 GHz | -56.95 dBm | -43.95 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70100 GHz | -45.40 dBm | -32.40 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71123 GHz | -46.79 dBm | -21.79 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74939 GHz | -49.47 dBm | -9.47 dB |

Date: 29.SEP.2022 04:05:10

#### Highest Channel / 1RBmax

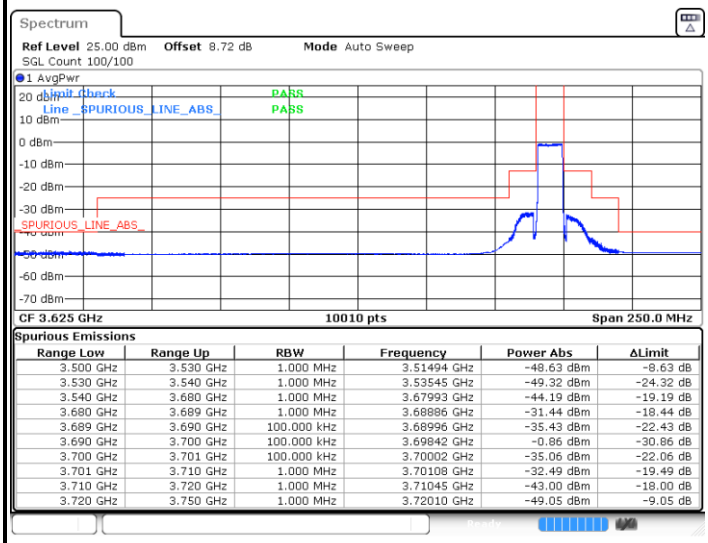



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51149 GHz | -48.83 dBm | -8.83 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53895 GHz | -49.32 dBm | -24.32 dB |
| 3.540 GHz | 3.680 GHz | 1.000 MHz | 3.59517 GHz | -49.62 dBm | -24.62 dB |
| 3.680 GHz | 3.689 GHz | 1.000 MHz | 3.68785 GHz | -45.96 dBm | -32.96 dB |
| 3.689 GHz | 3.690 GHz | 100.000 kHz | 3.68985 GHz | -56.87 dBm | -43.87 dB |
| 3.690 GHz | 3.700 GHz | 100.000 kHz | 3.69942 GHz | 15.99 dBm | -14.01 dB |
| 3.700 GHz | 3.701 GHz | 100.000 kHz | 3.70001 GHz | -32.41 dBm | -19.41 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70117 GHz | -32.04 dBm | -19.04 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71824 GHz | -44.74 dBm | -19.74 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72034 GHz | -49.35 dBm | -9.35 dB |

Date: 29.SEP.2022 04:15:37

#### Highest Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51494 GHz | -48.63 dBm | -8.63 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53545 GHz | -49.32 dBm | -24.32 dB |
| 3.540 GHz | 3.680 GHz | 1.000 MHz | 3.67993 GHz | -44.19 dBm | -19.19 dB |
| 3.680 GHz | 3.689 GHz | 1.000 MHz | 3.68886 GHz | -31.44 dBm | -18.44 dB |
| 3.689 GHz | 3.690 GHz | 100.000 kHz | 3.68996 GHz | -35.43 dBm | -22.43 dB |
| 3.690 GHz | 3.700 GHz | 100.000 kHz | 3.69842 GHz | -0.86 dBm | -30.86 dB |
| 3.700 GHz | 3.701 GHz | 100.000 kHz | 3.70002 GHz | -35.06 dBm | -22.06 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70108 GHz | -32.49 dBm | -19.49 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71045 GHz | -43.00 dBm | -18.00 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72010 GHz | -49.05 dBm | -9.05 dB |

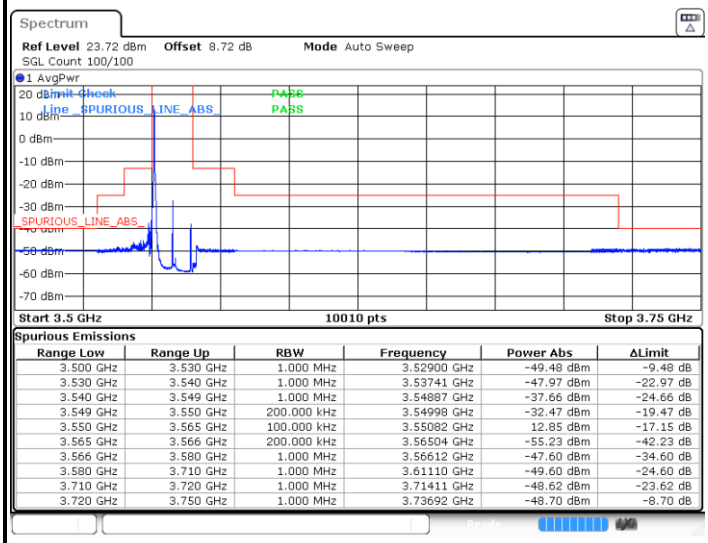
Date: 29.SEP.2022 04:26:01

#### N/A

## LTE Band 48 / 15MHz

### 256QAM

#### Lowest Channel / 1RB0

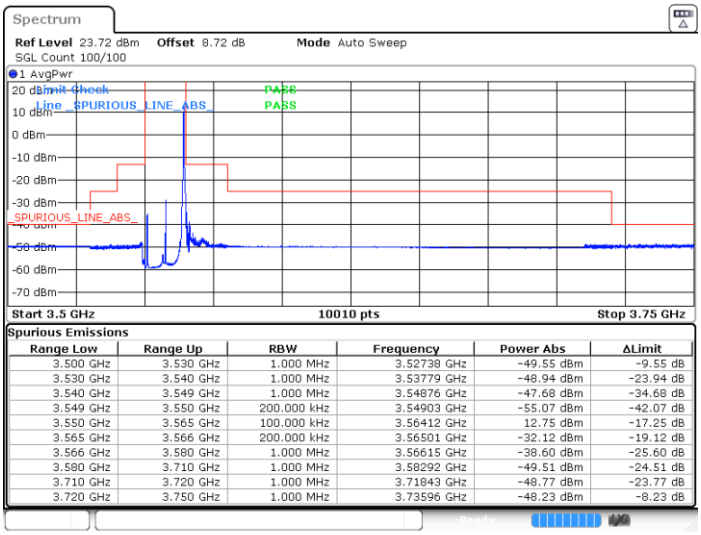



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52900 GHz | -49.48 dBm | -9.48 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53741 GHz | -47.97 dBm | -22.97 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54887 GHz | -37.66 dBm | -24.66 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54998 GHz | -32.47 dBm | -19.47 dB |
| 3.550 GHz | 3.565 GHz | 100.000 kHz | 3.55082 GHz | 12.85 dBm | -17.15 dB |
| 3.565 GHz | 3.566 GHz | 200.000 kHz | 3.56504 GHz | -55.23 dBm | -42.23 dB |
| 3.566 GHz | 3.580 GHz | 1.000 MHz | 3.56612 GHz | -47.60 dBm | -34.60 dB |
| 3.580 GHz | 3.710 GHz | 1.000 MHz | 3.61110 GHz | -49.60 dBm | -24.60 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71411 GHz | -48.62 dBm | -23.62 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73692 GHz | -48.70 dBm | -8.70 dB |

Date: 29.SEP.2022 04:35:06

#### Lowest Channel / 1RBmax

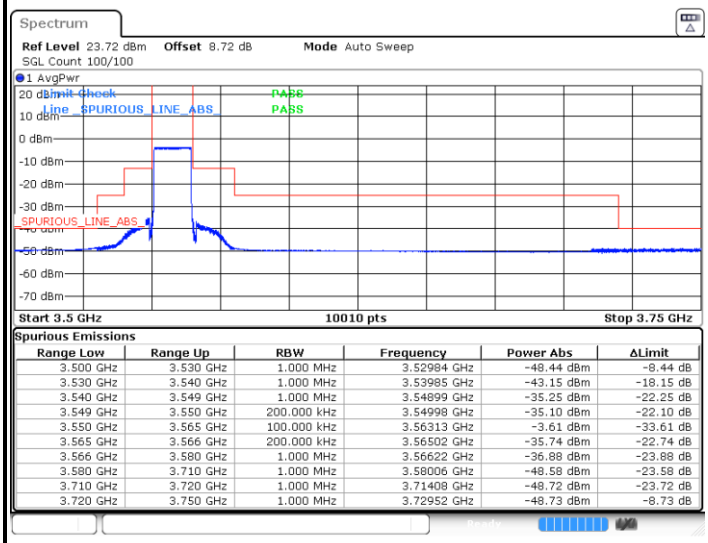



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52738 GHz | -49.55 dBm | -9.55 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53779 GHz | -48.94 dBm | -23.94 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54876 GHz | -47.68 dBm | -34.68 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54903 GHz | -55.07 dBm | -42.07 dB |
| 3.550 GHz | 3.565 GHz | 100.000 kHz | 3.56412 GHz | 12.75 dBm | -17.25 dB |
| 3.565 GHz | 3.566 GHz | 200.000 kHz | 3.56501 GHz | -32.12 dBm | -19.12 dB |
| 3.566 GHz | 3.580 GHz | 1.000 MHz | 3.56615 GHz | -38.60 dBm | -25.60 dB |
| 3.580 GHz | 3.710 GHz | 1.000 MHz | 3.58292 GHz | -49.51 dBm | -24.51 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71843 GHz | -48.77 dBm | -23.77 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73596 GHz | -48.23 dBm | -8.23 dB |

Date: 29.SEP.2022 04:40:31

#### Lowest Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52984 GHz | -48.44 dBm | -8.44 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53985 GHz | -43.15 dBm | -18.15 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54899 GHz | -35.25 dBm | -22.25 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54998 GHz | -35.10 dBm | -22.10 dB |
| 3.550 GHz | 3.565 GHz | 100.000 kHz | 3.56313 GHz | -3.61 dBm | -33.61 dB |
| 3.565 GHz | 3.566 GHz | 200.000 kHz | 3.56502 GHz | -35.74 dBm | -22.74 dB |
| 3.566 GHz | 3.580 GHz | 1.000 MHz | 3.56622 GHz | -36.88 dBm | -23.88 dB |
| 3.580 GHz | 3.710 GHz | 1.000 MHz | 3.58006 GHz | -48.58 dBm | -23.58 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71408 GHz | -48.72 dBm | -23.72 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72952 GHz | -48.73 dBm | -8.73 dB |

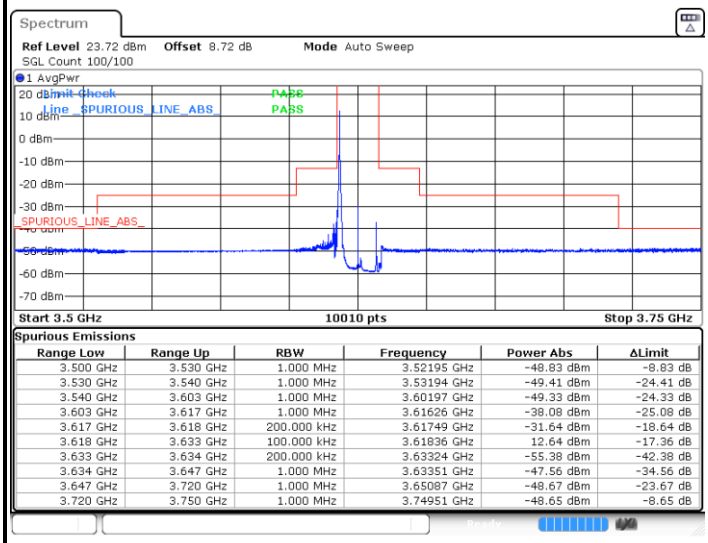
Date: 29.SEP.2022 04:45:56

#### N/A

## LTE Band 48 / 15MHz

### 256QAM

#### Middle Channel / 1RB0

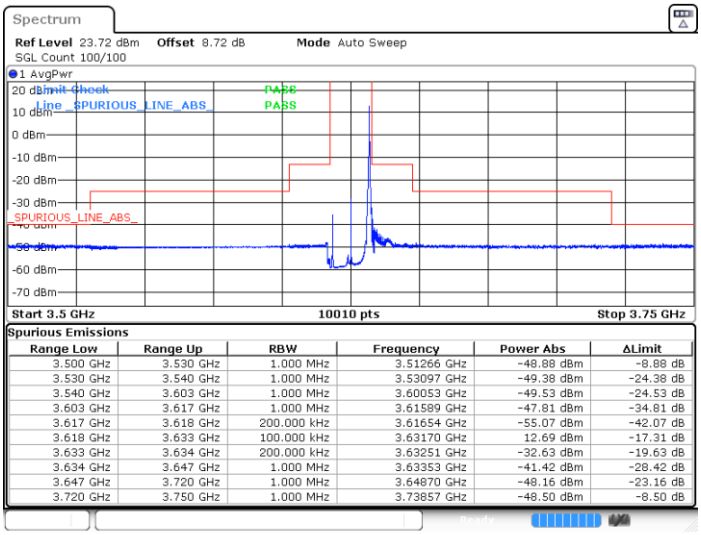



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52195 GHz | -48.83 dBm | -8.83 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53194 GHz | -49.41 dBm | -24.41 dB |
| 3.540 GHz | 3.603 GHz | 1.000 MHz | 3.60197 GHz | -49.33 dBm | -24.33 dB |
| 3.603 GHz | 3.617 GHz | 1.000 MHz | 3.61626 GHz | -38.08 dBm | -25.08 dB |
| 3.617 GHz | 3.618 GHz | 200.000 kHz | 3.61749 GHz | -31.64 dBm | -18.64 dB |
| 3.618 GHz | 3.633 GHz | 100.000 kHz | 3.61836 GHz | 12.64 dBm | -17.36 dB |
| 3.633 GHz | 3.634 GHz | 200.000 kHz | 3.63324 GHz | -55.38 dBm | -42.38 dB |
| 3.634 GHz | 3.647 GHz | 1.000 MHz | 3.63351 GHz | -47.56 dBm | -34.56 dB |
| 3.647 GHz | 3.720 GHz | 1.000 MHz | 3.65087 GHz | -48.67 dBm | -23.67 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74951 GHz | -48.65 dBm | -8.65 dB |

Date: 29.SEP.2022 04:51:17

#### Middle Channel / 1RBmax

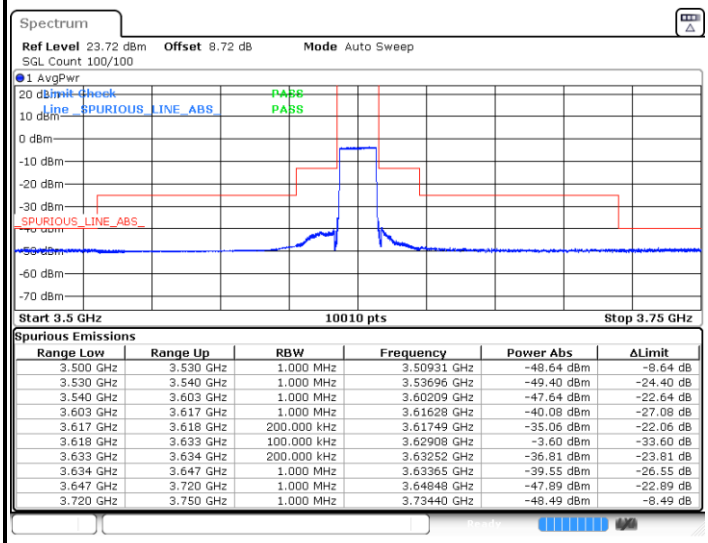



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51266 GHz | -48.88 dBm | -8.88 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53097 GHz | -49.38 dBm | -24.38 dB |
| 3.540 GHz | 3.603 GHz | 1.000 MHz | 3.60053 GHz | -49.53 dBm | -24.53 dB |
| 3.603 GHz | 3.617 GHz | 1.000 MHz | 3.61589 GHz | -47.81 dBm | -34.81 dB |
| 3.617 GHz | 3.618 GHz | 200.000 kHz | 3.61654 GHz | -55.07 dBm | -42.07 dB |
| 3.618 GHz | 3.633 GHz | 100.000 kHz | 3.63170 GHz | 12.69 dBm | -17.31 dB |
| 3.633 GHz | 3.634 GHz | 200.000 kHz | 3.63251 GHz | -32.63 dBm | -19.63 dB |
| 3.634 GHz | 3.647 GHz | 1.000 MHz | 3.63353 GHz | -41.42 dBm | -28.42 dB |
| 3.647 GHz | 3.720 GHz | 1.000 MHz | 3.64870 GHz | -48.16 dBm | -23.16 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73857 GHz | -48.50 dBm | -8.50 dB |

Date: 29.SEP.2022 04:57:54

#### Middle Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50931 GHz | -48.64 dBm | -8.64 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53696 GHz | -49.40 dBm | -24.40 dB |
| 3.540 GHz | 3.603 GHz | 1.000 MHz | 3.60209 GHz | -47.64 dBm | -22.64 dB |
| 3.603 GHz | 3.617 GHz | 1.000 MHz | 3.61628 GHz | -40.08 dBm | -27.08 dB |
| 3.617 GHz | 3.618 GHz | 200.000 kHz | 3.61749 GHz | -35.06 dBm | -22.06 dB |
| 3.618 GHz | 3.633 GHz | 100.000 kHz | 3.62908 GHz | -3.60 dBm | -33.60 dB |
| 3.633 GHz | 3.634 GHz | 200.000 kHz | 3.63252 GHz | -36.81 dBm | -23.81 dB |
| 3.634 GHz | 3.647 GHz | 1.000 MHz | 3.63365 GHz | -39.55 dBm | -26.55 dB |
| 3.647 GHz | 3.720 GHz | 1.000 MHz | 3.64848 GHz | -47.89 dBm | -22.89 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73440 GHz | -48.49 dBm | -8.49 dB |

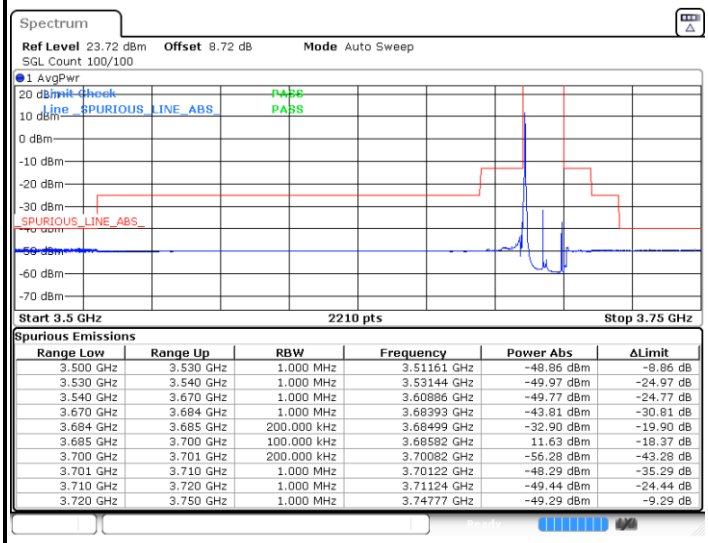
Date: 29.SEP.2022 05:03:16

#### N/A

## LTE Band 48 / 15MHz

### 256QAM

#### Highest Channel / 1RB0

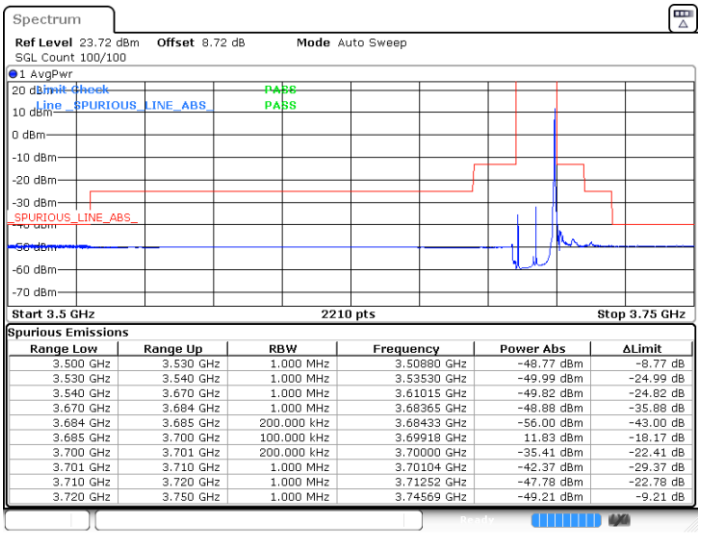



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51161 GHz | -48.86 dBm | -8.86 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53144 GHz | -49.97 dBm | -24.97 dB |
| 3.540 GHz | 3.670 GHz | 1.000 MHz | 3.60886 GHz | -49.77 dBm | -24.77 dB |
| 3.670 GHz | 3.684 GHz | 1.000 MHz | 3.68393 GHz | -43.81 dBm | -30.81 dB |
| 3.684 GHz | 3.685 GHz | 200.000 kHz | 3.68499 GHz | -32.90 dBm | -19.90 dB |
| 3.685 GHz | 3.700 GHz | 100.000 kHz | 3.68582 GHz | 11.63 dBm | -18.37 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70082 GHz | -56.28 dBm | -43.28 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70122 GHz | -48.29 dBm | -35.29 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71124 GHz | -49.44 dBm | -24.44 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74777 GHz | -49.29 dBm | -9.29 dB |

Date: 29.SEP.2022 05:08:39

#### Highest Channel / 1RBmax

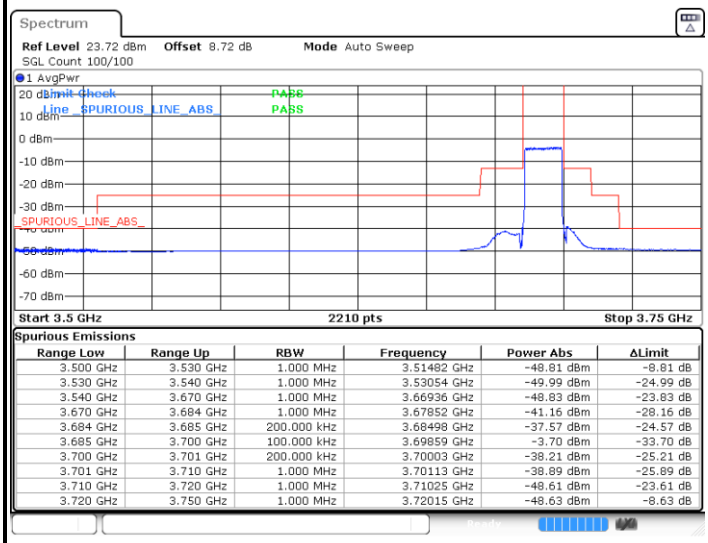



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50880 GHz | -48.77 dBm | -8.77 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53530 GHz | -49.99 dBm | -24.99 dB |
| 3.540 GHz | 3.670 GHz | 1.000 MHz | 3.61015 GHz | -49.82 dBm | -24.82 dB |
| 3.670 GHz | 3.684 GHz | 1.000 MHz | 3.68365 GHz | -48.88 dBm | -35.88 dB |
| 3.684 GHz | 3.685 GHz | 200.000 kHz | 3.68433 GHz | -56.00 dBm | -43.00 dB |
| 3.685 GHz | 3.700 GHz | 100.000 kHz | 3.69918 GHz | 11.83 dBm | -18.17 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70000 GHz | -35.41 dBm | -22.41 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70104 GHz | -42.37 dBm | -29.37 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71252 GHz | -47.78 dBm | -22.78 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74569 GHz | -49.21 dBm | -9.21 dB |

Date: 29.SEP.2022 05:14:07

#### Highest Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51482 GHz | -48.81 dBm | -8.81 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53054 GHz | -49.99 dBm | -24.99 dB |
| 3.540 GHz | 3.670 GHz | 1.000 MHz | 3.66936 GHz | -48.83 dBm | -23.83 dB |
| 3.670 GHz | 3.684 GHz | 1.000 MHz | 3.67852 GHz | -41.16 dBm | -28.16 dB |
| 3.684 GHz | 3.685 GHz | 200.000 kHz | 3.68498 GHz | -37.57 dBm | -24.57 dB |
| 3.685 GHz | 3.700 GHz | 100.000 kHz | 3.69859 GHz | -3.70 dBm | -33.70 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70003 GHz | -38.21 dBm | -25.21 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70113 GHz | -38.89 dBm | -25.89 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71025 GHz | -48.61 dBm | -23.61 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72015 GHz | -48.63 dBm | -8.63 dB |

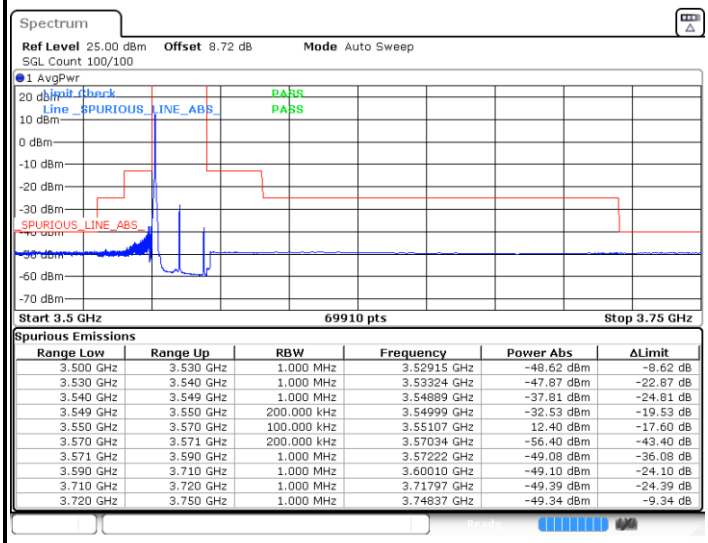
Date: 29.SEP.2022 05:19:31

#### N/A

## LTE Band 48 / 20MHz

### 256QAM

#### Lowest Channel / 1RB0

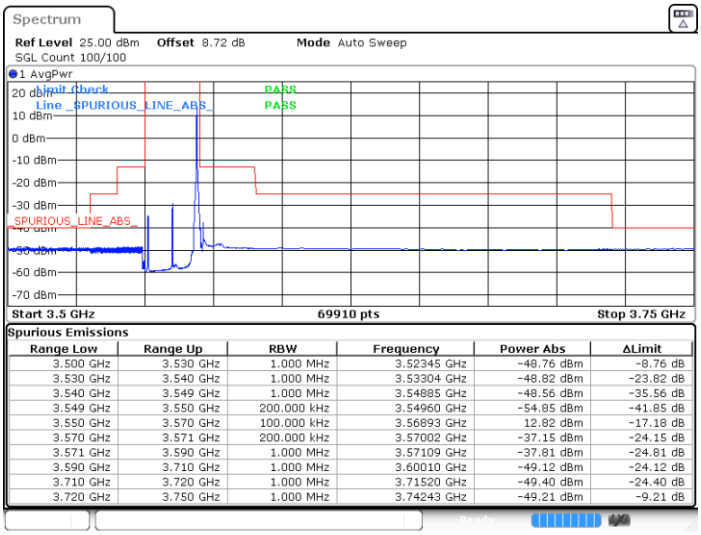



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52915 GHz | -48.62 dBm | -8.62 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53324 GHz | -47.87 dBm | -22.87 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54889 GHz | -37.81 dBm | -24.81 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54999 GHz | -32.53 dBm | -19.53 dB |
| 3.550 GHz | 3.570 GHz | 100.000 kHz | 3.55107 GHz | 12.40 dBm | -17.60 dB |
| 3.570 GHz | 3.571 GHz | 200.000 kHz | 3.57034 GHz | -56.40 dBm | -43.40 dB |
| 3.571 GHz | 3.590 GHz | 1.000 MHz | 3.57222 GHz | -49.08 dBm | -36.08 dB |
| 3.590 GHz | 3.710 GHz | 1.000 MHz | 3.60010 GHz | -49.10 dBm | -24.10 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71797 GHz | -49.39 dBm | -24.39 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74837 GHz | -49.34 dBm | -9.34 dB |

Date: 29.SEP.2022 05:26:56

#### Lowest Channel / 1RBmax

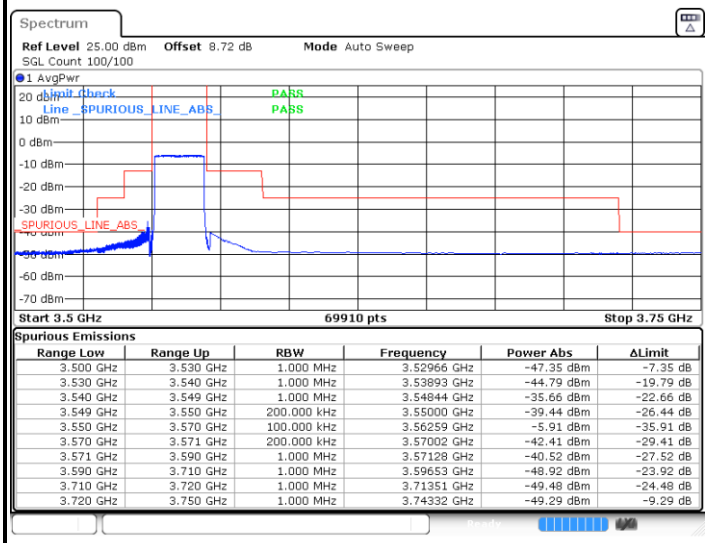



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52345 GHz | -48.76 dBm | -8.76 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53304 GHz | -48.82 dBm | -23.82 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54885 GHz | -48.56 dBm | -35.56 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54960 GHz | -54.85 dBm | -41.85 dB |
| 3.550 GHz | 3.570 GHz | 100.000 kHz | 3.56893 GHz | 12.82 dBm | -17.18 dB |
| 3.570 GHz | 3.571 GHz | 200.000 kHz | 3.57002 GHz | -37.15 dBm | -24.15 dB |
| 3.571 GHz | 3.590 GHz | 1.000 MHz | 3.57109 GHz | -37.81 dBm | -24.81 dB |
| 3.590 GHz | 3.710 GHz | 1.000 MHz | 3.60010 GHz | -49.12 dBm | -24.12 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71520 GHz | -49.40 dBm | -24.40 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74243 GHz | -49.21 dBm | -9.21 dB |

Date: 29.SEP.2022 05:32:23

#### Lowest Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52966 GHz | -47.35 dBm | -7.35 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53893 GHz | -44.79 dBm | -19.79 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54844 GHz | -35.66 dBm | -22.66 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.55000 GHz | -39.44 dBm | -26.44 dB |
| 3.550 GHz | 3.570 GHz | 100.000 kHz | 3.56259 GHz | -5.91 dBm | -35.91 dB |
| 3.570 GHz | 3.571 GHz | 200.000 kHz | 3.57002 GHz | -42.41 dBm | -29.41 dB |
| 3.571 GHz | 3.590 GHz | 1.000 MHz | 3.57128 GHz | -40.52 dBm | -27.52 dB |
| 3.590 GHz | 3.710 GHz | 1.000 MHz | 3.59653 GHz | -48.92 dBm | -23.92 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71351 GHz | -49.48 dBm | -24.48 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74332 GHz | -49.29 dBm | -9.29 dB |

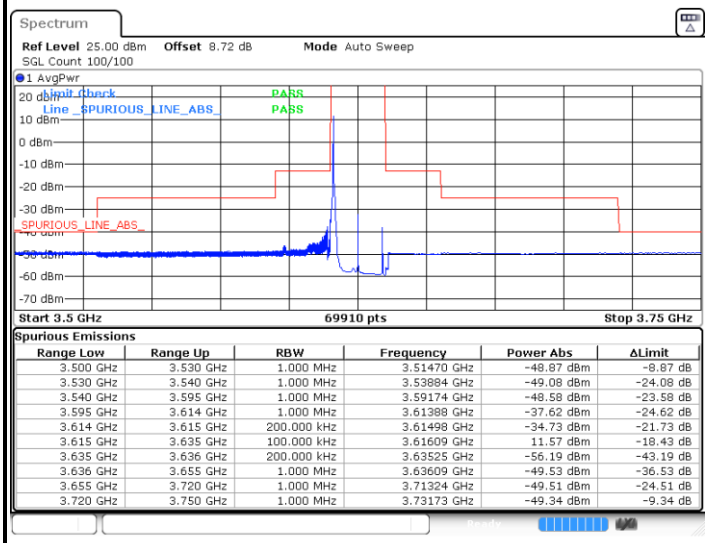
Date: 29.SEP.2022 05:37:54

#### N/A

## LTE Band 48 / 20MHz

### 256QAM

#### Middle Channel / 1RB0

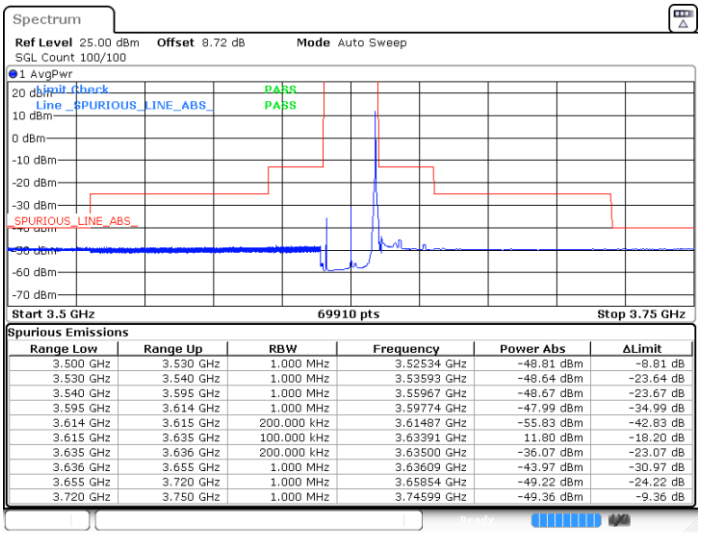



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51470 GHz | -48.87 dBm | -8.87 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53884 GHz | -49.08 dBm | -24.08 dB |
| 3.540 GHz | 3.595 GHz | 1.000 MHz | 3.59174 GHz | -48.58 dBm | -23.58 dB |
| 3.595 GHz | 3.614 GHz | 1.000 MHz | 3.61388 GHz | -37.62 dBm | -24.62 dB |
| 3.614 GHz | 3.615 GHz | 200.000 kHz | 3.61498 GHz | -34.73 dBm | -21.73 dB |
| 3.615 GHz | 3.635 GHz | 100.000 kHz | 3.61609 GHz | 11.57 dBm | -18.43 dB |
| 3.635 GHz | 3.636 GHz | 200.000 kHz | 3.63525 GHz | -56.19 dBm | -43.19 dB |
| 3.636 GHz | 3.655 GHz | 1.000 MHz | 3.63609 GHz | -49.53 dBm | -36.53 dB |
| 3.655 GHz | 3.720 GHz | 1.000 MHz | 3.71324 GHz | -49.51 dBm | -24.51 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73173 GHz | -49.34 dBm | -9.34 dB |

Date: 29.SEP.2022 05:44:34

#### Middle Channel / 1RBmax

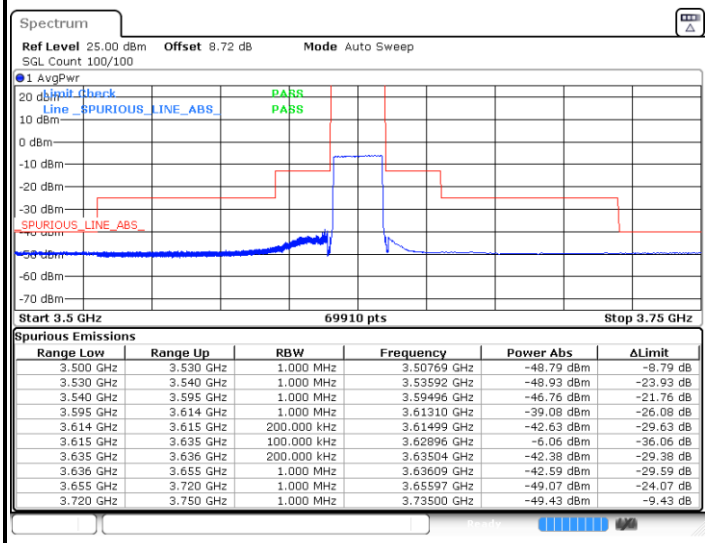



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52534 GHz | -48.81 dBm | -8.81 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53593 GHz | -48.64 dBm | -23.64 dB |
| 3.540 GHz | 3.595 GHz | 1.000 MHz | 3.55967 GHz | -48.67 dBm | -23.67 dB |
| 3.595 GHz | 3.614 GHz | 1.000 MHz | 3.59774 GHz | -47.99 dBm | -34.99 dB |
| 3.614 GHz | 3.615 GHz | 200.000 kHz | 3.61487 GHz | -55.83 dBm | -42.83 dB |
| 3.615 GHz | 3.635 GHz | 100.000 kHz | 3.63391 GHz | 11.80 dBm | -18.20 dB |
| 3.635 GHz | 3.636 GHz | 200.000 kHz | 3.63500 GHz | -36.07 dBm | -23.07 dB |
| 3.636 GHz | 3.655 GHz | 1.000 MHz | 3.63609 GHz | -43.97 dBm | -30.97 dB |
| 3.655 GHz | 3.720 GHz | 1.000 MHz | 3.65854 GHz | -49.22 dBm | -24.22 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74599 GHz | -49.36 dBm | -9.36 dB |

Date: 29.SEP.2022 05:49:59

#### Middle Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50769 GHz | -48.79 dBm | -8.79 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53592 GHz | -48.93 dBm | -23.93 dB |
| 3.540 GHz | 3.595 GHz | 1.000 MHz | 3.59496 GHz | -46.76 dBm | -21.76 dB |
| 3.595 GHz | 3.614 GHz | 1.000 MHz | 3.61310 GHz | -39.08 dBm | -26.08 dB |
| 3.614 GHz | 3.615 GHz | 200.000 kHz | 3.61499 GHz | -42.63 dBm | -29.63 dB |
| 3.615 GHz | 3.635 GHz | 100.000 kHz | 3.62896 GHz | -6.06 dBm | -36.06 dB |
| 3.635 GHz | 3.636 GHz | 200.000 kHz | 3.63504 GHz | -42.38 dBm | -29.38 dB |
| 3.636 GHz | 3.655 GHz | 1.000 MHz | 3.63609 GHz | -42.59 dBm | -29.59 dB |
| 3.655 GHz | 3.720 GHz | 1.000 MHz | 3.65597 GHz | -49.07 dBm | -24.07 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73500 GHz | -49.43 dBm | -9.43 dB |

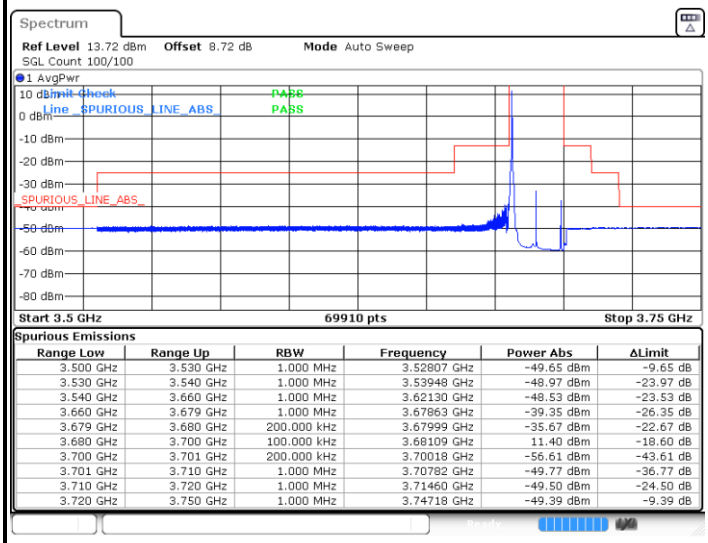
Date: 29.SEP.2022 05:55:24

#### N/A

## LTE Band 48 / 20MHz

### 256QAM

#### Highest Channel / 1RB0

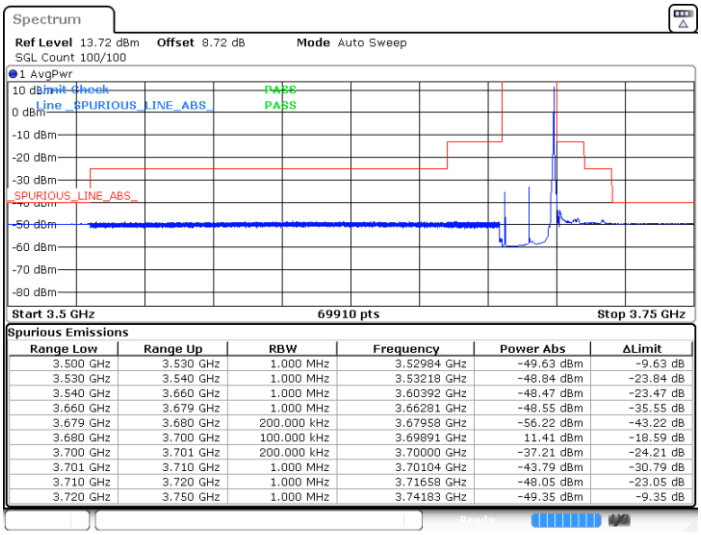



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52807 GHz | -49.65 dBm | -9.65 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53948 GHz | -48.97 dBm | -23.97 dB |
| 3.540 GHz | 3.660 GHz | 1.000 MHz | 3.62130 GHz | -48.53 dBm | -23.53 dB |
| 3.660 GHz | 3.679 GHz | 1.000 MHz | 3.67863 GHz | -39.35 dBm | -26.35 dB |
| 3.679 GHz | 3.680 GHz | 200.000 kHz | 3.67999 GHz | -35.67 dBm | -22.67 dB |
| 3.680 GHz | 3.700 GHz | 100.000 kHz | 3.68109 GHz | 11.40 dBm | -18.60 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70018 GHz | -56.61 dBm | -43.61 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70782 GHz | -49.77 dBm | -36.77 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71460 GHz | -49.50 dBm | -24.50 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74718 GHz | -49.39 dBm | -9.39 dB |

Date: 29.SEP.2022 06:05:38

#### Highest Channel / 1RBmax

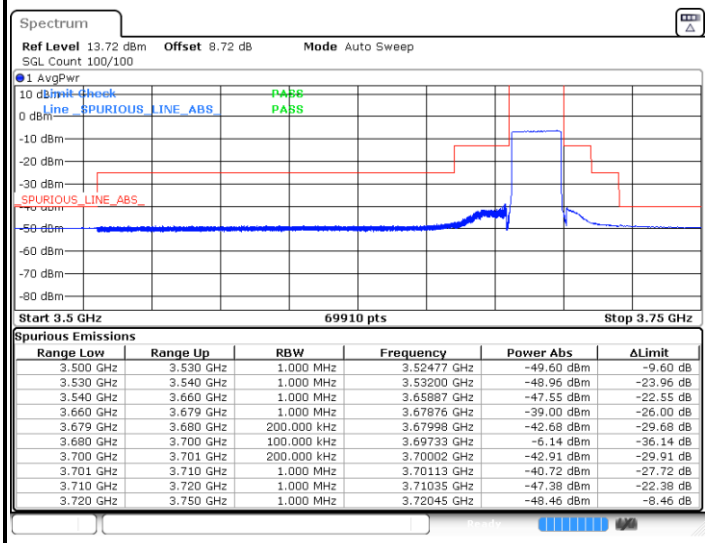



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52984 GHz | -49.63 dBm | -9.63 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53218 GHz | -48.84 dBm | -23.84 dB |
| 3.540 GHz | 3.660 GHz | 1.000 MHz | 3.60392 GHz | -48.47 dBm | -23.47 dB |
| 3.660 GHz | 3.679 GHz | 1.000 MHz | 3.66281 GHz | -48.55 dBm | -35.55 dB |
| 3.679 GHz | 3.680 GHz | 200.000 kHz | 3.67958 GHz | -56.22 dBm | -43.22 dB |
| 3.680 GHz | 3.700 GHz | 100.000 kHz | 3.69891 GHz | 11.41 dBm | -18.59 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70000 GHz | -37.21 dBm | -24.21 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70104 GHz | -43.79 dBm | -30.79 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71658 GHz | -48.05 dBm | -23.05 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74183 GHz | -49.35 dBm | -9.35 dB |

Date: 29.SEP.2022 06:13:06

#### Highest Channel / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52477 GHz | -49.60 dBm | -9.60 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53200 GHz | -48.96 dBm | -23.96 dB |
| 3.540 GHz | 3.660 GHz | 1.000 MHz | 3.65887 GHz | -47.55 dBm | -22.55 dB |
| 3.660 GHz | 3.679 GHz | 1.000 MHz | 3.67876 GHz | -39.00 dBm | -26.00 dB |
| 3.679 GHz | 3.680 GHz | 200.000 kHz | 3.67998 GHz | -42.68 dBm | -29.68 dB |
| 3.680 GHz | 3.700 GHz | 100.000 kHz | 3.69733 GHz | -6.14 dBm | -36.14 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70002 GHz | -42.91 dBm | -29.91 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70113 GHz | -40.72 dBm | -27.72 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71035 GHz | -47.38 dBm | -22.38 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72045 GHz | -48.46 dBm | -8.46 dB |

Date: 29.SEP.2022 06:20:33

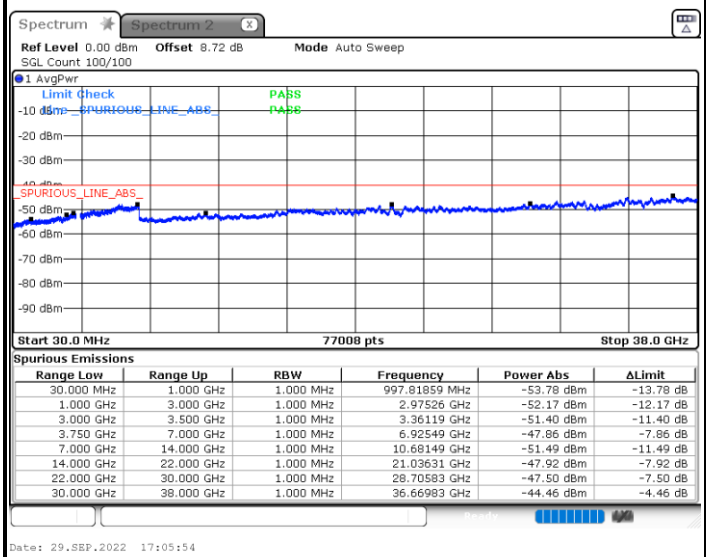
#### N/A

# Conducted Spurious Emission

## LTE Band 48 / 5MHz

### QPSK / 1RB0

#### Lowest Channel

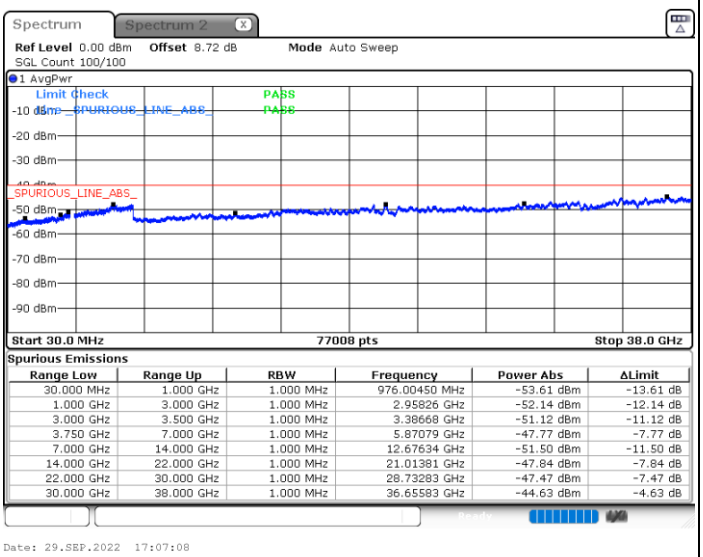



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 997.81859 MHz | -53.78 dBm | -13.78 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.97526 GHz | -52.17 dBm | -12.17 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.36119 GHz | -51.40 dBm | -11.40 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 6.92549 GHz | -47.86 dBm | -7.86 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.68149 GHz | -51.49 dBm | -11.49 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.03631 GHz | -47.92 dBm | -7.92 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.70583 GHz | -47.50 dBm | -7.50 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.66983 GHz | -44.46 dBm | -4.46 dB |

Date: 29.SEP.2022 17:05:54

#### Middle Channel

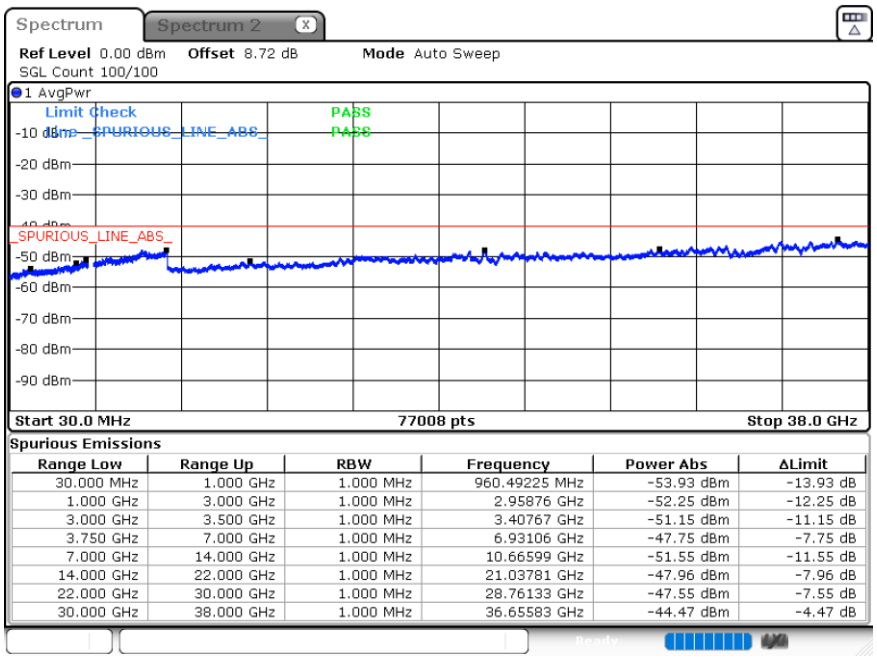



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.00450 MHz | -53.61 dBm | -13.61 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.95826 GHz | -52.14 dBm | -12.14 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.38668 GHz | -51.12 dBm | -11.12 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 5.87079 GHz | -47.77 dBm | -7.77 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 12.67634 GHz | -51.50 dBm | -11.50 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.01381 GHz | -47.84 dBm | -7.84 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.73283 GHz | -47.47 dBm | -7.47 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.65583 GHz | -44.63 dBm | -4.63 dB |

Date: 29.SEP.2022 17:07:08

#### Highest Channel




Spurious Emissions

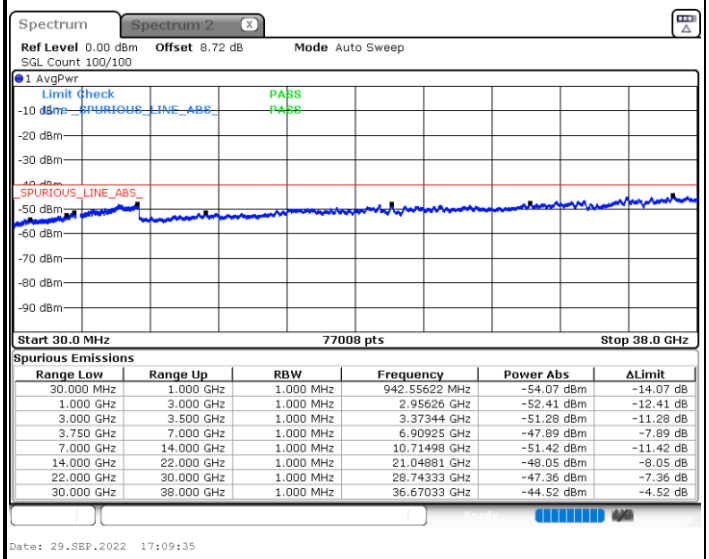
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 960.49225 MHz | -53.93 dBm | -13.93 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.95876 GHz | -52.25 dBm | -12.25 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.40767 GHz | -51.15 dBm | -11.15 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 6.93106 GHz | -47.75 dBm | -7.75 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.66599 GHz | -51.55 dBm | -11.55 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.03781 GHz | -47.96 dBm | -7.96 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.76133 GHz | -47.55 dBm | -7.55 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.65583 GHz | -44.47 dBm | -4.47 dB |

Date: 29.SEP.2022 17:08:23

## LTE Band 48 / 10MHz

### QPSK / 1RB0

#### Lowest Channel

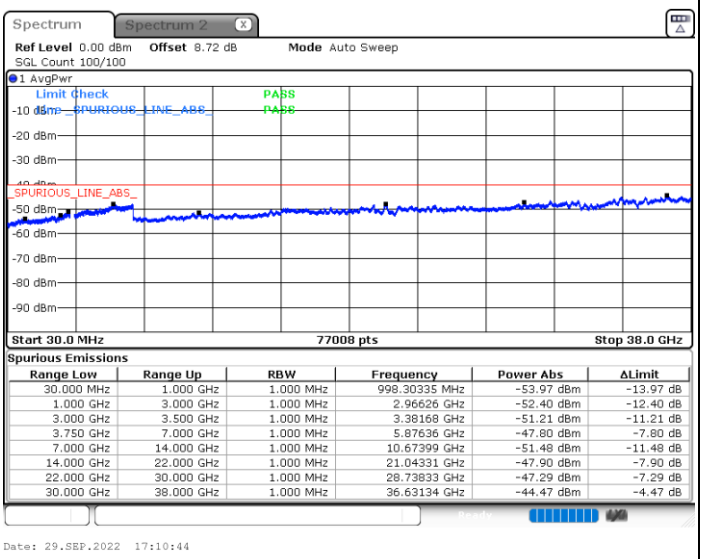



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 942.55622 MHz | -54.07 dBm | -14.07 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.95626 GHz | -52.41 dBm | -12.41 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.37344 GHz | -51.28 dBm | -11.28 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 6.90925 GHz | -47.89 dBm | -7.89 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.71498 GHz | -51.42 dBm | -11.42 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.04881 GHz | -48.05 dBm | -8.05 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.74333 GHz | -47.36 dBm | -7.36 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.67033 GHz | -44.52 dBm | -4.52 dB |

Date: 29.SEP.2022 17:09:35

#### Middle Channel




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 998.30335 MHz | -53.97 dBm | -13.97 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.96626 GHz | -52.40 dBm | -12.40 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.38168 GHz | -51.21 dBm | -11.21 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 5.87636 GHz | -47.80 dBm | -7.80 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.67399 GHz | -51.48 dBm | -11.48 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.04331 GHz | -47.90 dBm | -7.90 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.73833 GHz | -47.29 dBm | -7.29 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.63134 GHz | -44.47 dBm | -4.47 dB |

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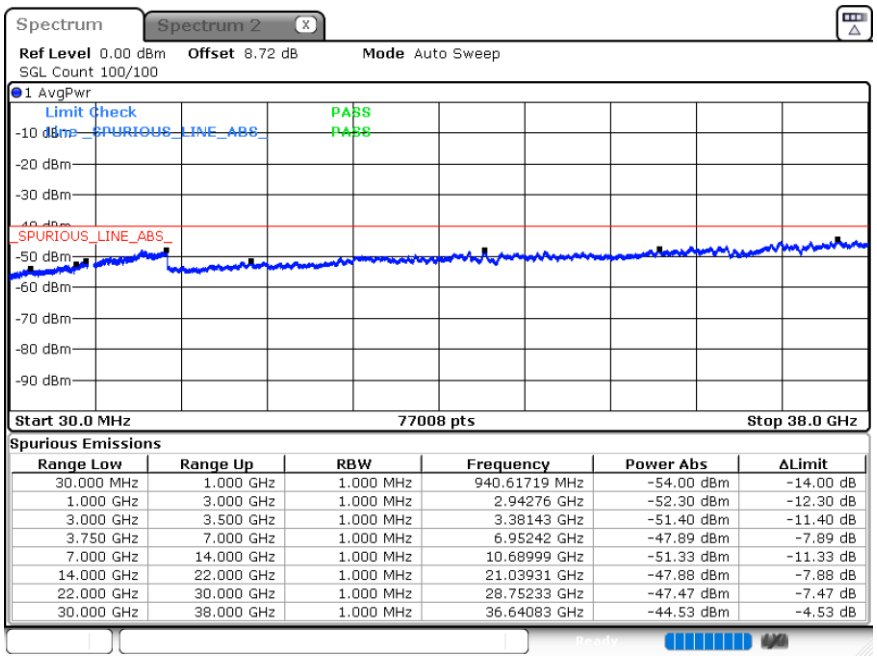
#### Highest Channel




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 940.61719 MHz | -54.00 dBm | -14.00 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.94276 GHz | -52.30 dBm | -12.30 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.38143 GHz | -51.40 dBm | -11.40 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 6.95242 GHz | -47.89 dBm | -7.89 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.68999 GHz | -51.33 dBm | -11.33 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.03931 GHz | -47.88 dBm | -7.88 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.75233 GHz | -47.47 dBm | -7.47 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.64083 GHz | -44.53 dBm | -4.53 dB |

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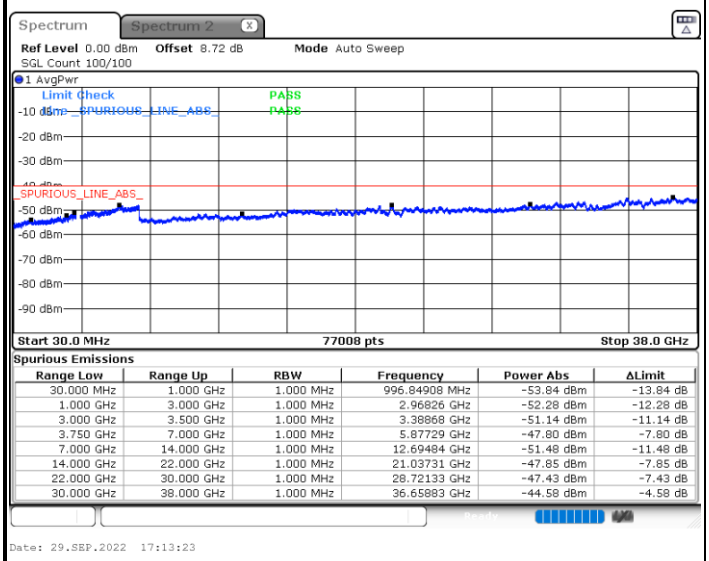
## LTE Band 48 / 15MHz

### QPSK / 1RB0

#### Lowest Channel




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 996.84908 MHz | -53.84 dBm | -13.84 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.96826 GHz | -52.28 dBm | -12.28 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.38868 GHz | -51.14 dBm | -11.14 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 5.87729 GHz | -47.80 dBm | -7.80 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 12.69484 GHz | -51.48 dBm | -11.48 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.03731 GHz | -47.85 dBm | -7.85 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.72133 GHz | -47.43 dBm | -7.43 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.65883 GHz | -44.58 dBm | -4.58 dB |

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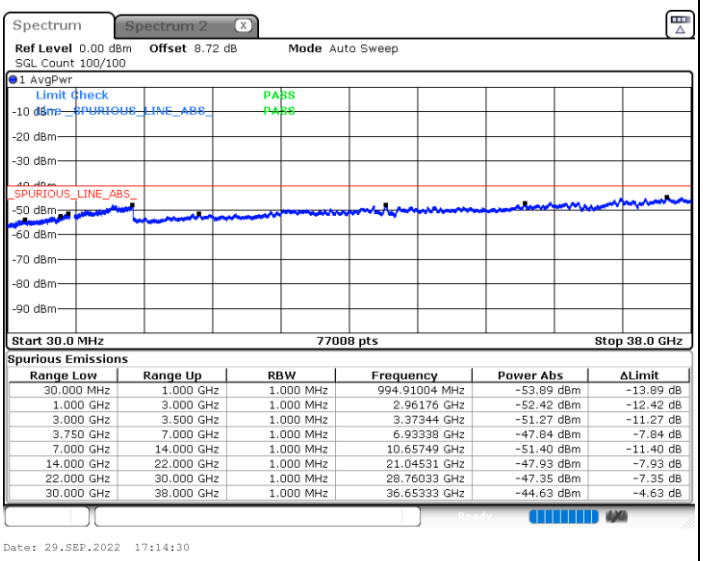
#### Middle Channel




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 994.91004 MHz | -53.89 dBm | -13.89 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.96176 GHz | -52.42 dBm | -12.42 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.37344 GHz | -51.27 dBm | -11.27 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 6.93338 GHz | -47.84 dBm | -7.84 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.65749 GHz | -51.40 dBm | -11.40 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.04531 GHz | -47.93 dBm | -7.93 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.76033 GHz | -47.35 dBm | -7.35 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.65333 GHz | -44.63 dBm | -4.63 dB |

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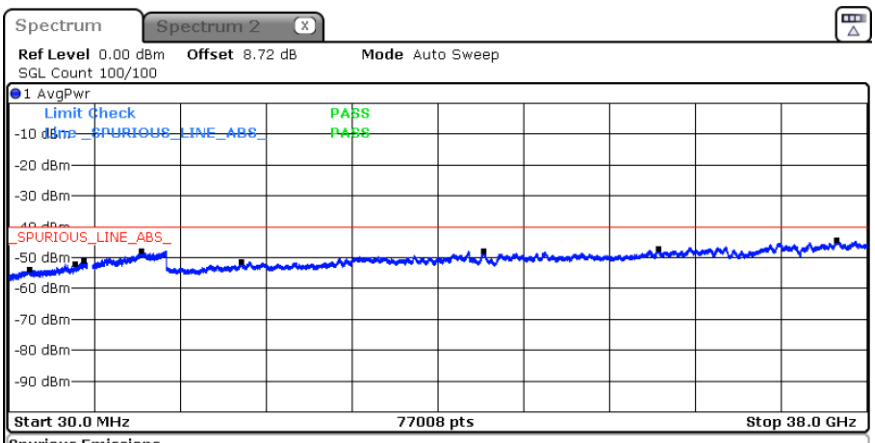
#### Highest Channel




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 949.34283 MHz | -53.89 dBm | -13.89 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.94976 GHz | -52.26 dBm | -12.26 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.36969 GHz | -51.01 dBm | -11.01 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 5.88378 GHz | -47.84 dBm | -7.84 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.30851 GHz | -51.39 dBm | -11.39 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.03531 GHz | -47.95 dBm | -7.95 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.77833 GHz | -47.15 dBm | -7.15 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.66433 GHz | -44.43 dBm | -4.43 dB |

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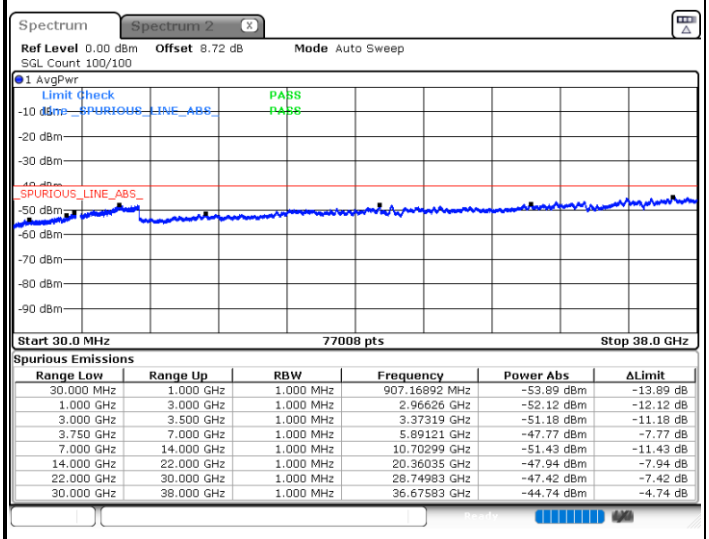
| LTE Band 48 / 20MHz | |
|---|---|
| QPSK / 1RB0 | |
| Lowest Channel | Middle Channel |




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 907.16892 MHz | -53.89 dBm | -13.89 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.96626 GHz | -52.12 dBm | -12.12 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.37319 GHz | -51.18 dBm | -11.18 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 5.89121 GHz | -47.77 dBm | -7.77 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.70299 GHz | -51.43 dBm | -11.43 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 20.36035 GHz | -47.94 dBm | -7.94 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.74983 GHz | -47.42 dBm | -7.42 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.67583 GHz | -44.74 dBm | -4.74 dB |

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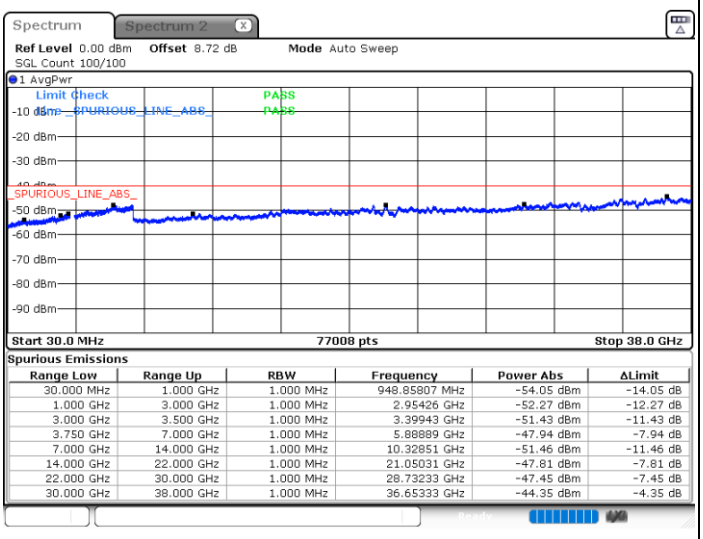
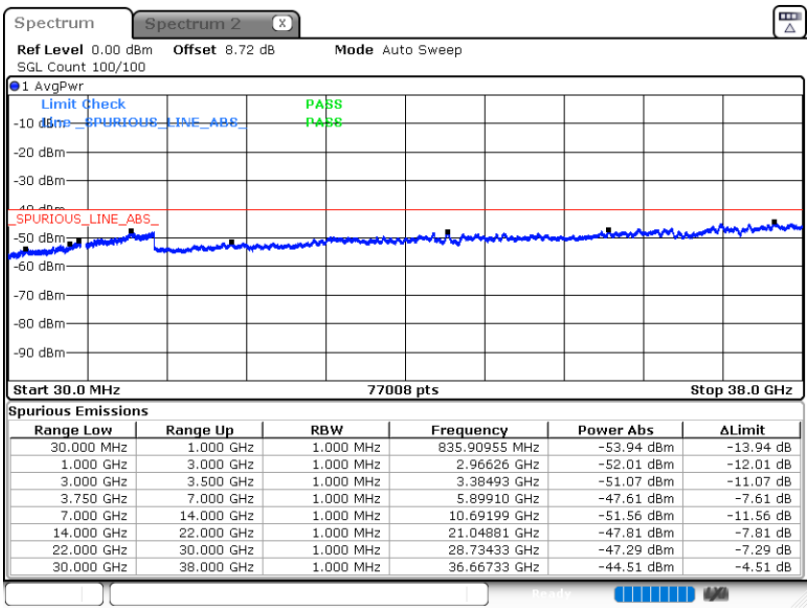



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 948.85807 MHz | -54.05 dBm | -14.05 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.95426 GHz | -52.27 dBm | -12.27 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.39943 GHz | -51.43 dBm | -11.43 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 5.88889 GHz | -47.94 dBm | -7.94 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.32851 GHz | -51.46 dBm | -11.46 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.05031 GHz | -47.81 dBm | -7.81 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.73233 GHz | -47.45 dBm | -7.45 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.65333 GHz | -44.35 dBm | -4.35 dB |

Date: 29.SEP.2022 17:18:01

| Highest Channel |
|---|




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 835.90955 MHz | -53.94 dBm | -13.94 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.96626 GHz | -52.01 dBm | -12.01 dB |
| 3.000 GHz | 3.500 GHz | 1.000 MHz | 3.38493 GHz | -51.07 dBm | -11.07 dB |
| 3.750 GHz | 7.000 GHz | 1.000 MHz | 5.89910 GHz | -47.61 dBm | -7.61 dB |
| 7.000 GHz | 14.000 GHz | 1.000 MHz | 10.69199 GHz | -51.56 dBm | -11.56 dB |
| 14.000 GHz | 22.000 GHz | 1.000 MHz | 21.04881 GHz | -47.81 dBm | -7.81 dB |
| 22.000 GHz | 30.000 GHz | 1.000 MHz | 28.73433 GHz | -47.29 dBm | -7.29 dB |
| 30.000 GHz | 38.000 GHz | 1.000 MHz | 36.66733 GHz | -44.51 dBm | -4.51 dB |

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# Frequency Stability

| Test Conditions | | LTE Band 48 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0035 | PASS |
| 40 | Normal Voltage | 0.0029 | |
| 30 | Normal Voltage | 0.0012 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0017 | |
| 0 | Normal Voltage | 0.0013 | |
| -10 | Normal Voltage | 0.0008 | |
| -20 | Normal Voltage | 0.0012 | |
| -30 | Normal Voltage | 0.0027 | |
| 20 | Maximum Voltage | 0.0015 | |
| 20 | Normal Voltage | 0.0033 | |
| 20 | Battery End Point | 0.0026 | |

**Note:**

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

| Test Engineer : | Zhicheng Li | Temperature : | 22~25℃ |
|---|---|---|---|
| | | Relative Humidity : | 48~52% |

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

| LTE Band 48 / 20MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 6982.00 | -60.49 | -40 | -20.49 | -65.57 | -63.79 | 8.30 | 11.60 | H |
| | 10473.00 | -58.18 | -40 | -18.18 | -68.70 | -59.70 | 10.48 | 12.00 | H |
| | 13964.00 | -57.01 | -40 | -17.01 | -68.08 | -58.71 | 11.80 | 13.50 | H |
| | 6982.00 | -60.72 | -40 | -20.72 | -66.01 | -64.02 | 8.30 | 11.60 | V |
| | 10473.00 | -59.02 | -40 | -19.02 | -68.74 | -60.54 | 10.48 | 12.00 | V |
| | 13964.00 | -56.20 | -40 | -16.20 | -67.95 | -57.90 | 11.80 | 13.50 | V |

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