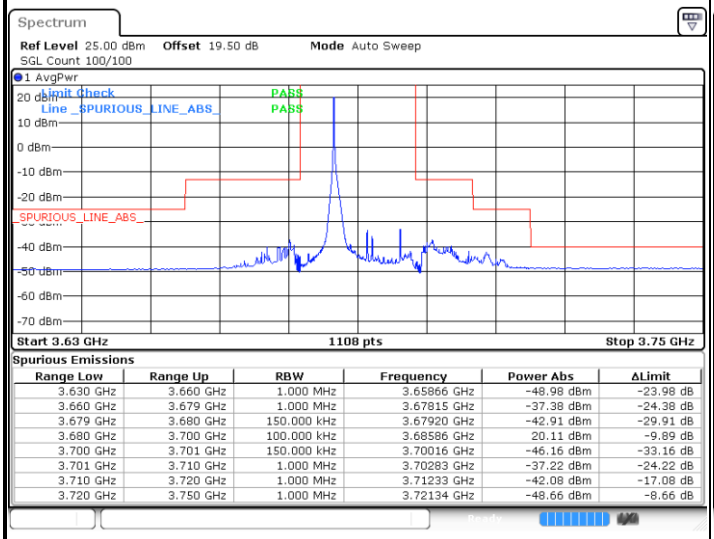
LTE Band 48 / 15MHz

16QAM

Highest Channel / 1RB0

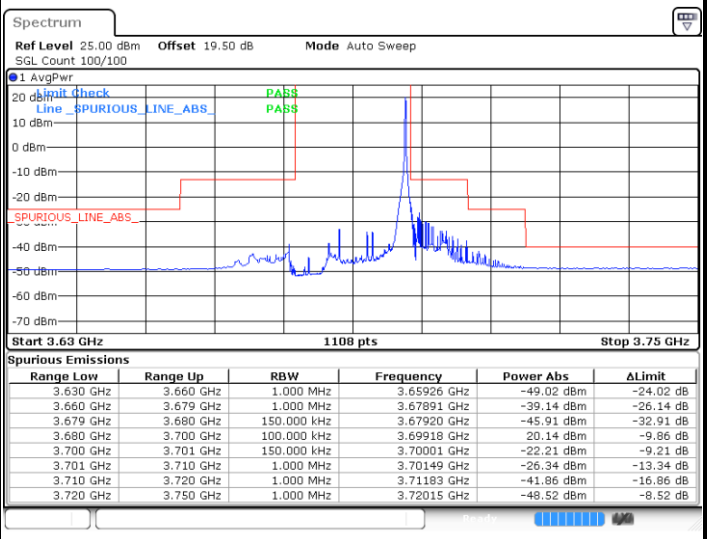


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65866 GHz	-48.98 dBm	-23.98 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67815 GHz	-37.38 dBm	-24.38 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67920 GHz	-42.91 dBm	-29.91 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68586 GHz	20.11 dBm	-9.89 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70016 GHz	-46.16 dBm	-33.16 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70283 GHz	-37.22 dBm	-24.22 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71233 GHz	-42.08 dBm	-17.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72134 GHz	-48.66 dBm	-8.66 dB

Date: 3.JAN.2025 22:32:01

Highest Channel / 1RBmax

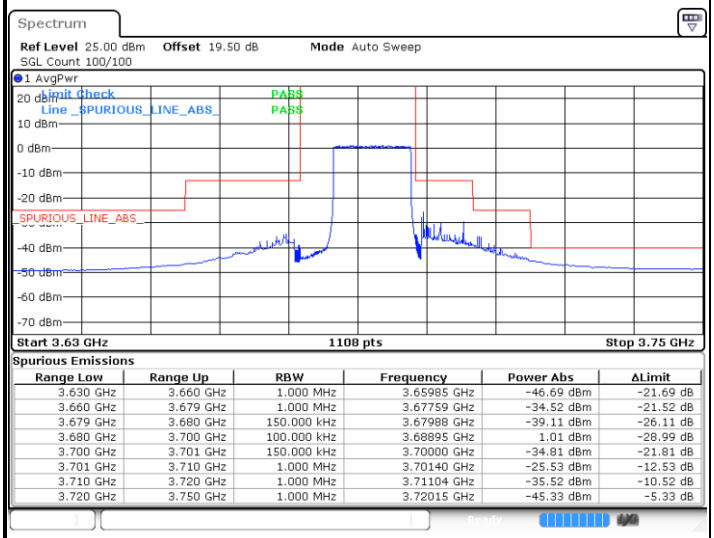


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65926 GHz	-49.02 dBm	-24.02 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-39.14 dBm	-26.14 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67920 GHz	-45.91 dBm	-32.91 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69918 GHz	20.14 dBm	-9.86 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70001 GHz	-22.21 dBm	-9.21 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70149 GHz	-26.34 dBm	-13.34 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71183 GHz	-41.86 dBm	-16.86 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.52 dBm	-8.52 dB

Date: 3.JAN.2025 22:36:17

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-46.69 dBm	-21.69 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67759 GHz	-34.52 dBm	-21.52 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67988 GHz	-39.11 dBm	-26.11 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68895 GHz	1.01 dBm	-28.99 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70000 GHz	-34.81 dBm	-21.81 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-25.53 dBm	-12.53 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71104 GHz	-35.52 dBm	-10.52 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-45.33 dBm	-5.33 dB

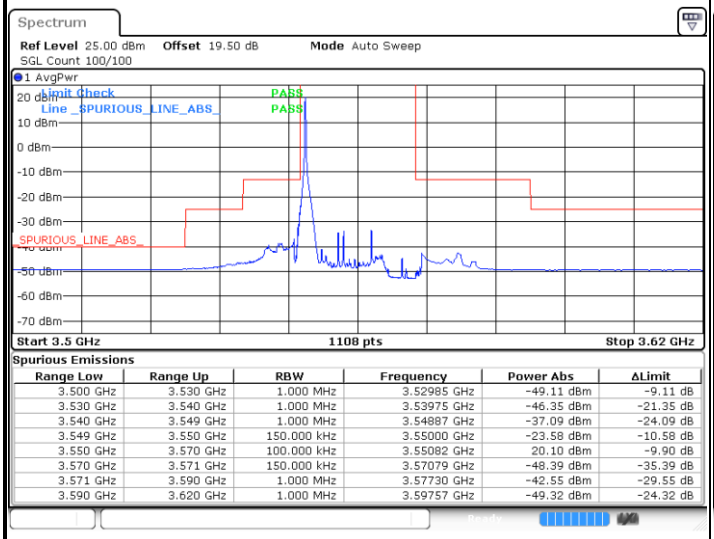
Date: 3.JAN.2025 22:40:33

N/A

LTE Band 48 / 15MHz

64QAM

Lowest Channel / 1RB0

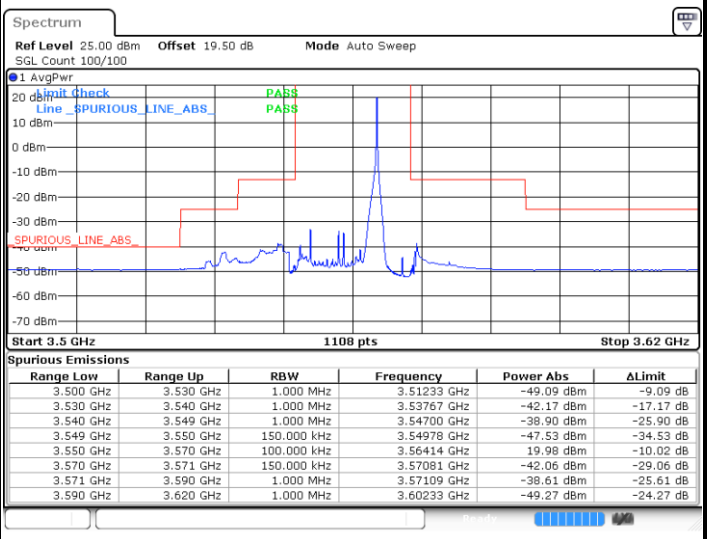


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-49.11 dBm	-9.11 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-46.35 dBm	-21.35 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54887 GHz	-37.09 dBm	-24.09 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.55000 GHz	-23.58 dBm	-10.58 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55082 GHz	20.10 dBm	-9.90 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57079 GHz	-48.39 dBm	-35.39 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57730 GHz	-42.55 dBm	-29.55 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59757 GHz	-49.32 dBm	-24.32 dB

Date: 3.JAN.2025 21:43:42

Lowest Channel / 1RBmax

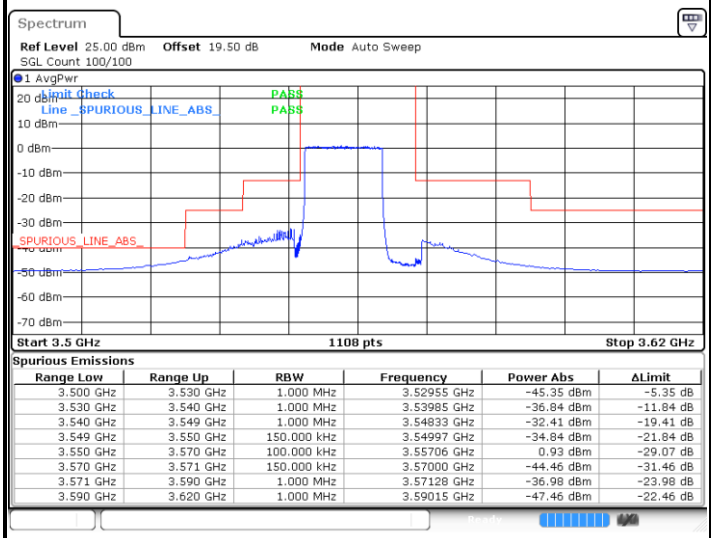


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51233 GHz	-49.09 dBm	-9.09 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53767 GHz	-42.17 dBm	-17.17 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54700 GHz	-38.90 dBm	-25.90 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54978 GHz	-47.53 dBm	-34.53 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56414 GHz	19.98 dBm	-10.02 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57081 GHz	-42.06 dBm	-29.06 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-38.61 dBm	-25.61 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.60233 GHz	-49.27 dBm	-24.27 dB

Date: 3.JAN.2025 21:50:50

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52955 GHz	-45.35 dBm	-5.35 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-36.84 dBm	-11.84 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54833 GHz	-32.41 dBm	-19.41 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54997 GHz	-34.84 dBm	-21.84 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55706 GHz	0.93 dBm	-29.07 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57000 GHz	-44.46 dBm	-31.46 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-36.98 dBm	-23.98 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-47.46 dBm	-22.46 dB

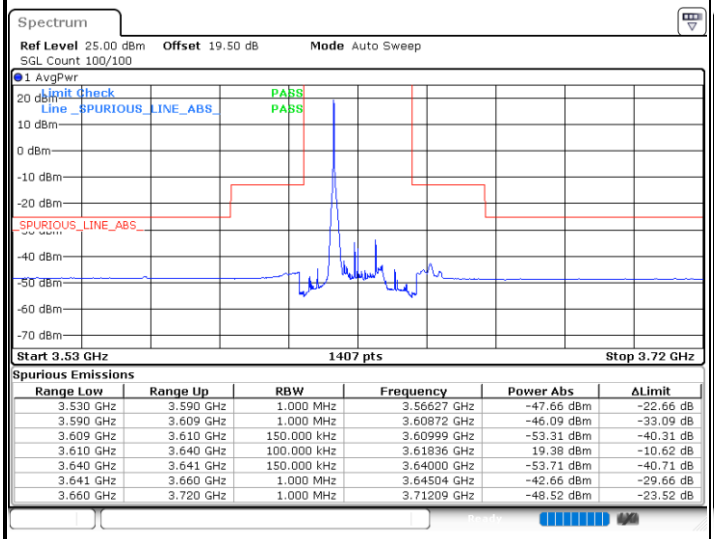
Date: 3.JAN.2025 21:52:15

N/A

LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

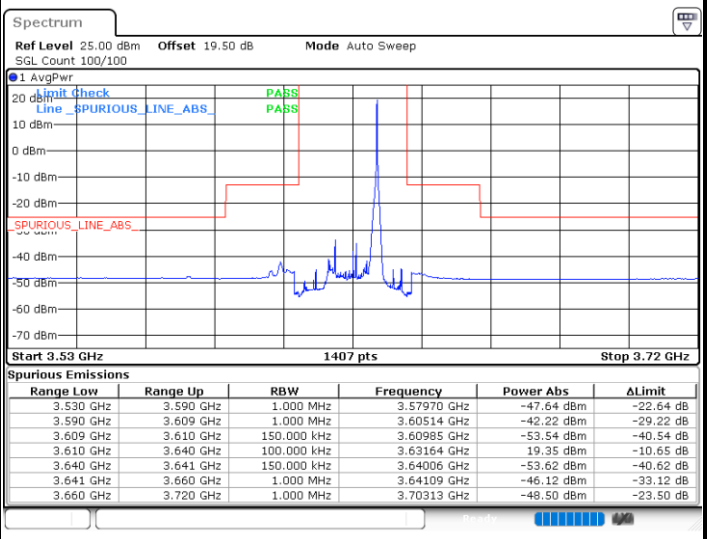


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.56627 GHz	-47.66 dBm	-22.66 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60872 GHz	-46.09 dBm	-33.09 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60999 GHz	-53.31 dBm	-40.31 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61836 GHz	19.38 dBm	-10.62 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64000 GHz	-53.71 dBm	-40.71 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64504 GHz	-42.66 dBm	-29.66 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.71209 GHz	-48.52 dBm	-23.52 dB

Date: 6.JAN.2025 14:04:30

Middle Channel / 1RBmax

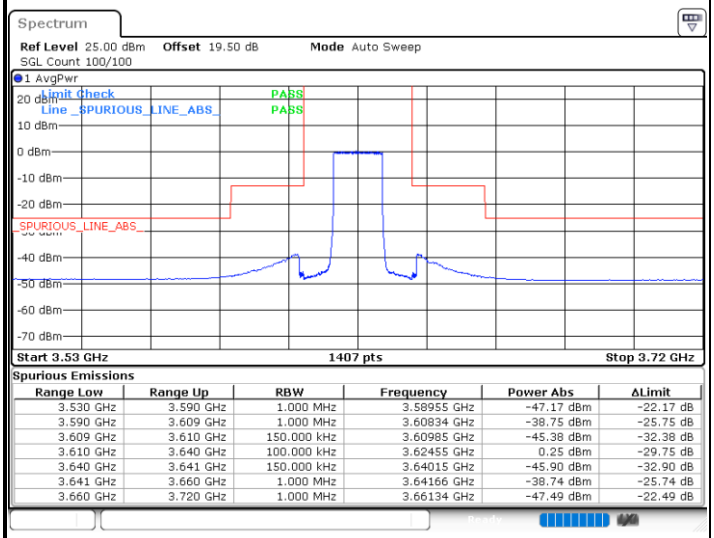


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.57970 GHz	-47.64 dBm	-22.64 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60514 GHz	-42.22 dBm	-29.22 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60985 GHz	-53.54 dBm	-40.54 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63164 GHz	19.35 dBm	-10.65 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64006 GHz	-53.62 dBm	-40.62 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-46.12 dBm	-33.12 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.70313 GHz	-48.50 dBm	-23.50 dB

Date: 6.JAN.2025 13:58:14

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58955 GHz	-47.17 dBm	-22.17 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60834 GHz	-38.75 dBm	-25.75 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60985 GHz	-45.38 dBm	-32.38 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62455 GHz	0.25 dBm	-29.75 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64015 GHz	-45.90 dBm	-32.90 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64166 GHz	-38.74 dBm	-25.74 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66134 GHz	-47.49 dBm	-22.49 dB

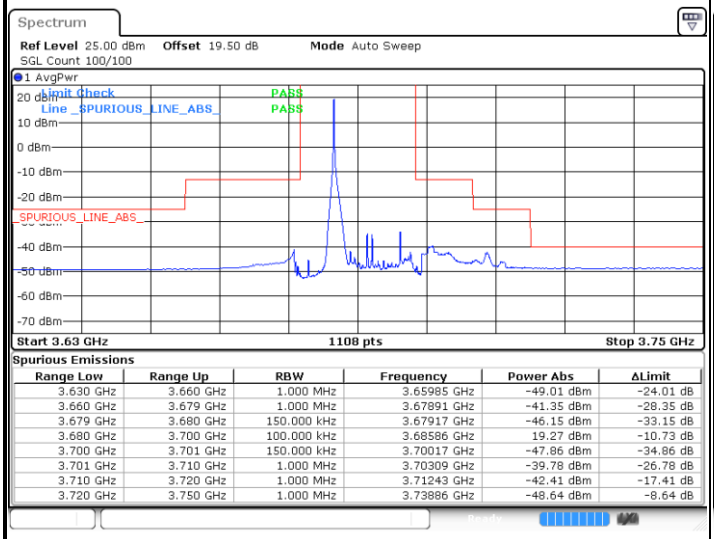
Date: 6.JAN.2025 13:56:39

N/A

LTE Band 48 / 15MHz

64QAM

Highest Channel / 1RB0

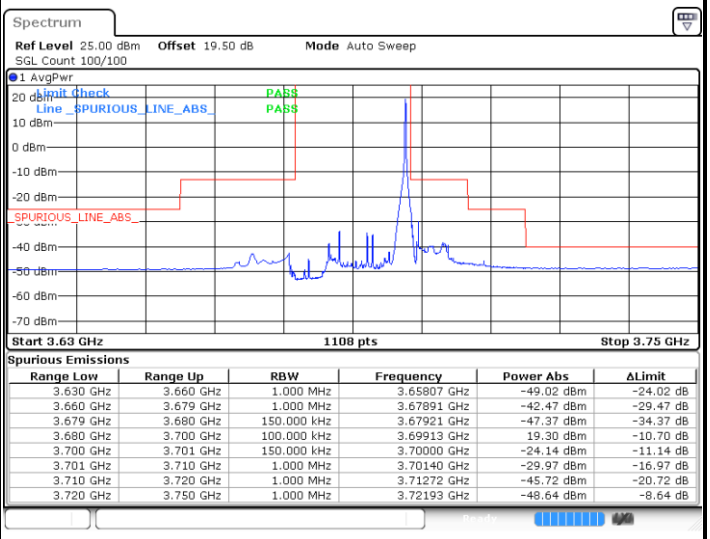


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-49.01 dBm	-24.01 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-41.35 dBm	-28.35 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67917 GHz	-46.15 dBm	-33.15 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68586 GHz	19.27 dBm	-10.73 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70017 GHz	-47.86 dBm	-34.86 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70309 GHz	-39.78 dBm	-26.78 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71243 GHz	-42.41 dBm	-17.41 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73886 GHz	-48.64 dBm	-8.64 dB

Date: 3.JAN.2025 22:30:36

Highest Channel / 1RBmax

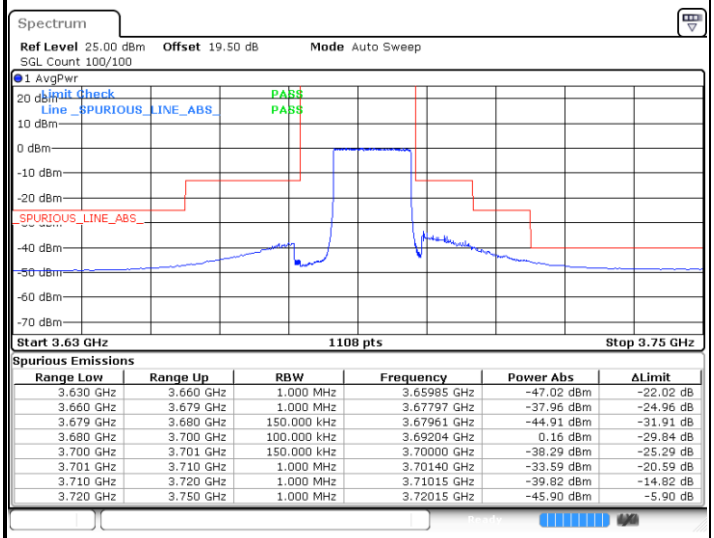


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65807 GHz	-49.02 dBm	-24.02 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-42.47 dBm	-29.47 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67921 GHz	-47.37 dBm	-34.37 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69913 GHz	19.30 dBm	-10.70 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70000 GHz	-24.14 dBm	-11.14 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-29.97 dBm	-16.97 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71272 GHz	-45.72 dBm	-20.72 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72193 GHz	-48.64 dBm	-8.64 dB

Date: 3.JAN.2025 22:37:42

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-47.02 dBm	-22.02 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67797 GHz	-37.96 dBm	-24.96 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67961 GHz	-44.91 dBm	-31.91 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69204 GHz	0.16 dBm	-29.84 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70000 GHz	-38.29 dBm	-25.29 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-33.59 dBm	-20.59 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-39.82 dBm	-14.82 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-45.90 dBm	-5.90 dB

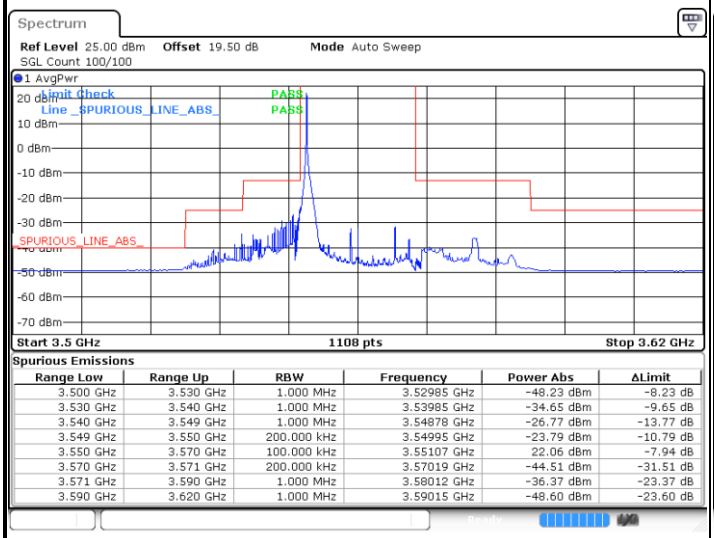
Date: 3.JAN.2025 22:39:08

N/A

LTE Band 48 / 20MHz

QPSK

Lowest Channel / 1RB0

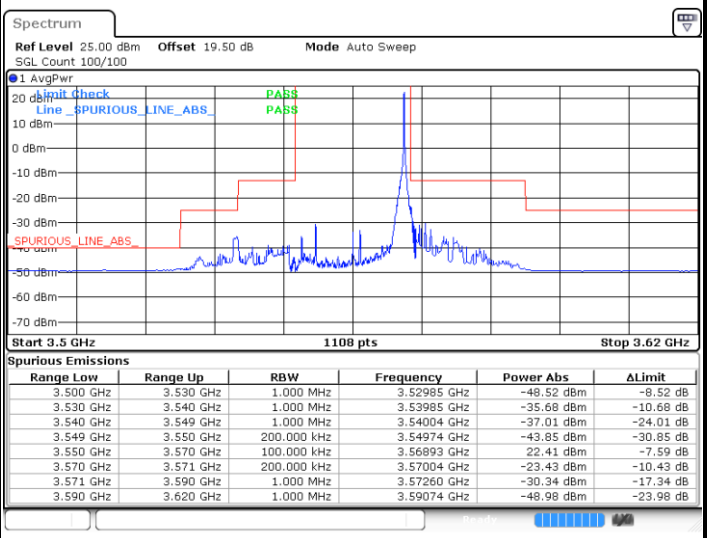


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-48.23 dBm	-8.23 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-34.65 dBm	-9.65 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-26.77 dBm	-13.77 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54995 GHz	-23.79 dBm	-10.79 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	22.06 dBm	-7.94 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57019 GHz	-44.51 dBm	-31.51 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.58012 GHz	-36.37 dBm	-23.37 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-48.60 dBm	-23.60 dB

Date: 3.JAN.2025 22:53:20

Lowest Channel / 1RBmax

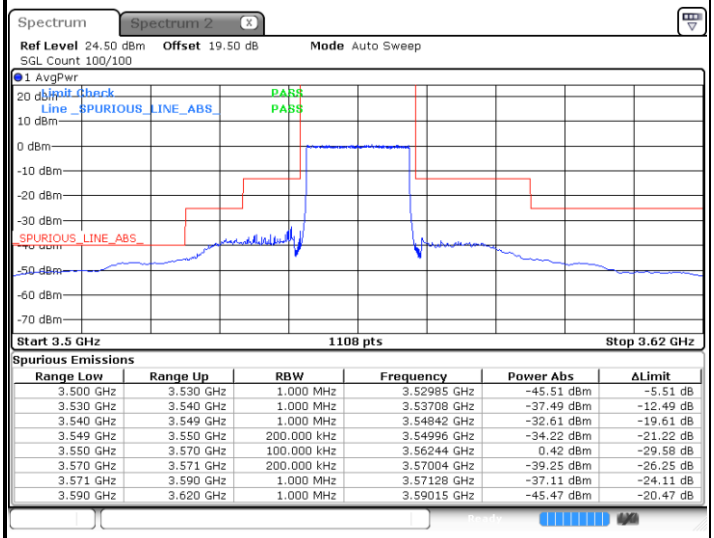


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-48.52 dBm	-8.52 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-35.68 dBm	-10.68 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54004 GHz	-37.01 dBm	-24.01 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54974 GHz	-43.85 dBm	-30.85 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	22.41 dBm	-7.59 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57004 GHz	-23.43 dBm	-10.43 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57260 GHz	-30.34 dBm	-17.34 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59074 GHz	-48.98 dBm	-23.98 dB

Date: 3.JAN.2025 23:00:28

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-45.51 dBm	-5.51 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53708 GHz	-37.49 dBm	-12.49 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54842 GHz	-32.61 dBm	-19.61 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54996 GHz	-34.22 dBm	-21.22 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56244 GHz	0.42 dBm	-29.58 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57004 GHz	-39.25 dBm	-26.25 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-37.11 dBm	-24.11 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-45.47 dBm	-20.47 dB

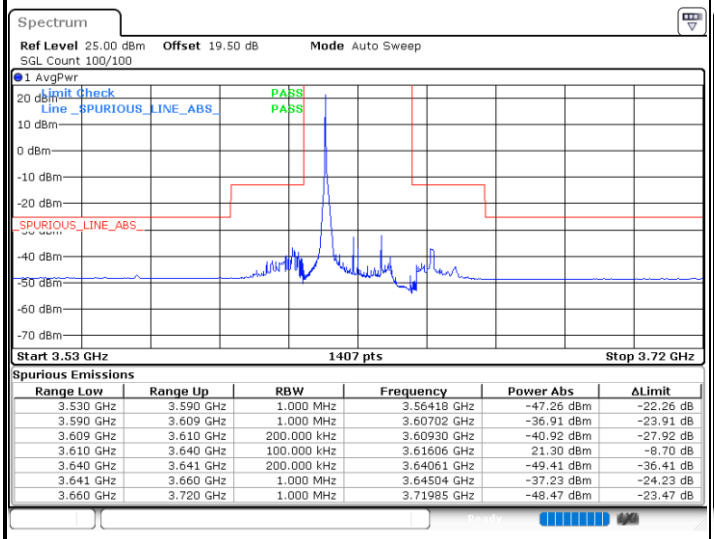
Date: 14.JAN.2025 17:42:09

N/A

LTE Band 48 / 20MHz

QPSK

Middle Channel / 1RB0

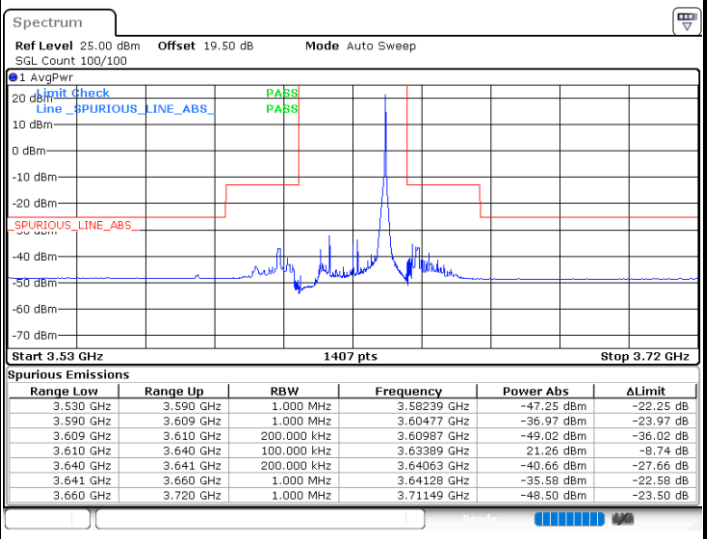


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.56418 GHz	-47.26 dBm	-22.26 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60702 GHz	-36.91 dBm	-23.91 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60930 GHz	-40.92 dBm	-27.92 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61606 GHz	21.30 dBm	-8.70 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64061 GHz	-49.41 dBm	-36.41 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64504 GHz	-37.23 dBm	-24.23 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.71985 GHz	-48.47 dBm	-23.47 dB

Date: 6.JAN.2025 14:23:31

Middle Channel / 1RBmax

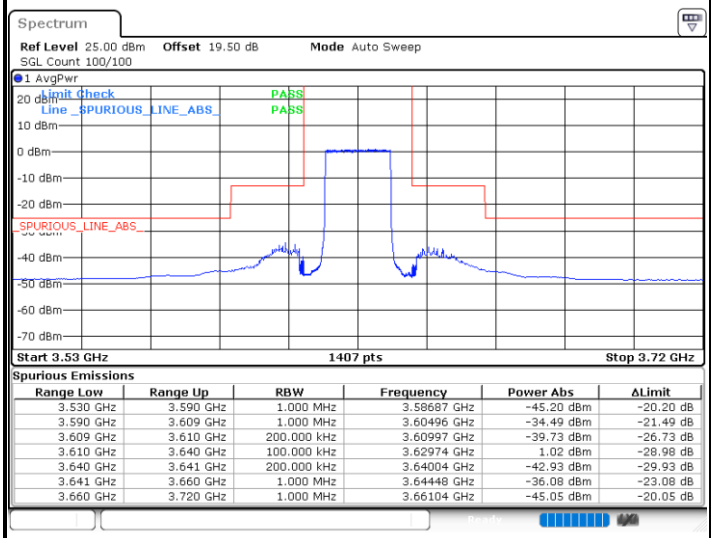


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58239 GHz	-47.25 dBm	-22.25 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60477 GHz	-36.97 dBm	-23.97 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60987 GHz	-49.02 dBm	-36.02 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63389 GHz	21.26 dBm	-8.74 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64063 GHz	-40.66 dBm	-27.66 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-35.58 dBm	-22.58 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.71149 GHz	-48.50 dBm	-23.50 dB

Date: 6.JAN.2025 14:15:45

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58687 GHz	-45.20 dBm	-20.20 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60496 GHz	-34.49 dBm	-21.49 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60997 GHz	-39.73 dBm	-26.73 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62974 GHz	1.02 dBm	-28.98 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64004 GHz	-42.93 dBm	-29.93 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64448 GHz	-36.08 dBm	-23.08 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66104 GHz	-45.05 dBm	-20.05 dB

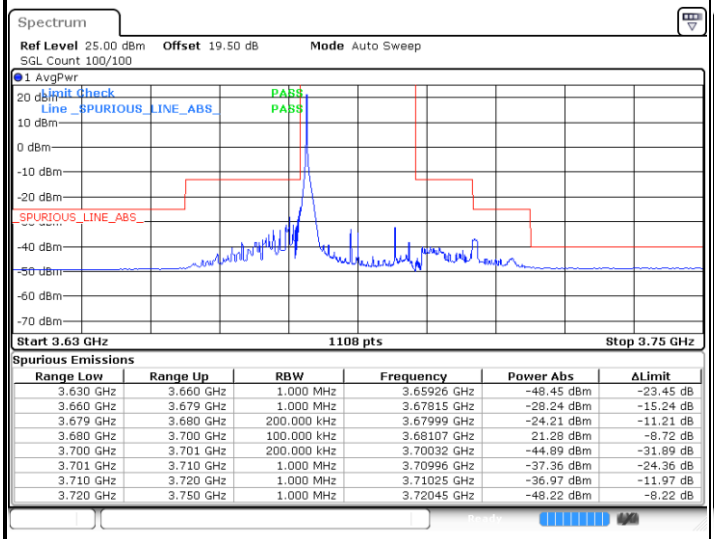
Date: 6.JAN.2025 14:14:11

N/A

LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

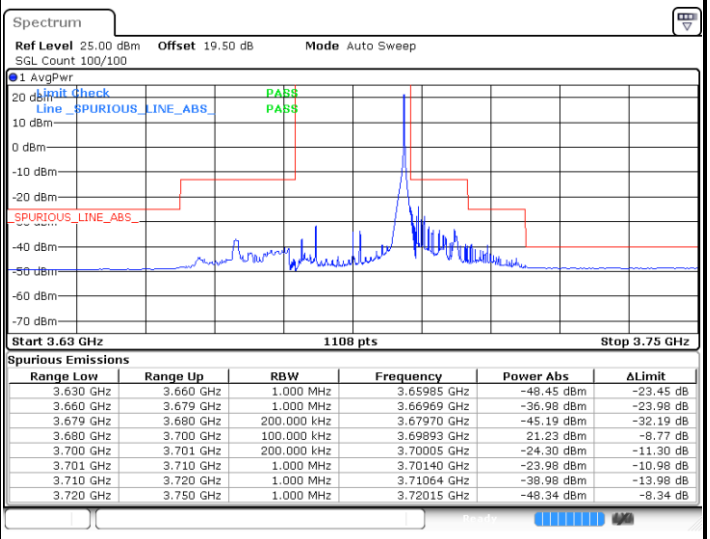


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65926 GHz	-48.45 dBm	-23.45 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67815 GHz	-28.24 dBm	-15.24 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-24.21 dBm	-11.21 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	21.28 dBm	-8.72 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70032 GHz	-44.89 dBm	-31.89 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70996 GHz	-37.36 dBm	-24.36 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71025 GHz	-36.97 dBm	-11.97 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72045 GHz	-48.22 dBm	-8.22 dB

Date: 3.JAN.2025 23:41:10

Highest Channel / 1RBmax

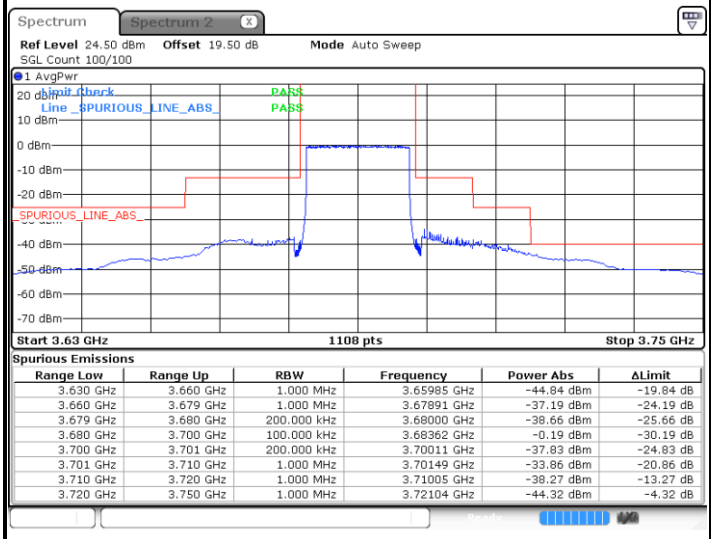


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-48.45 dBm	-23.45 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.66969 GHz	-36.98 dBm	-23.98 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67970 GHz	-45.19 dBm	-32.19 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	21.23 dBm	-8.77 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70005 GHz	-24.30 dBm	-11.30 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-23.98 dBm	-10.98 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71064 GHz	-38.98 dBm	-13.98 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.34 dBm	-8.34 dB

Date: 3.JAN.2025 23:48:15

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-44.84 dBm	-19.84 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-37.19 dBm	-24.19 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.68000 GHz	-38.66 dBm	-25.66 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68362 GHz	-0.19 dBm	-30.19 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70011 GHz	-37.83 dBm	-24.83 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70149 GHz	-33.86 dBm	-20.86 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-38.27 dBm	-13.27 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72104 GHz	-44.32 dBm	-4.32 dB

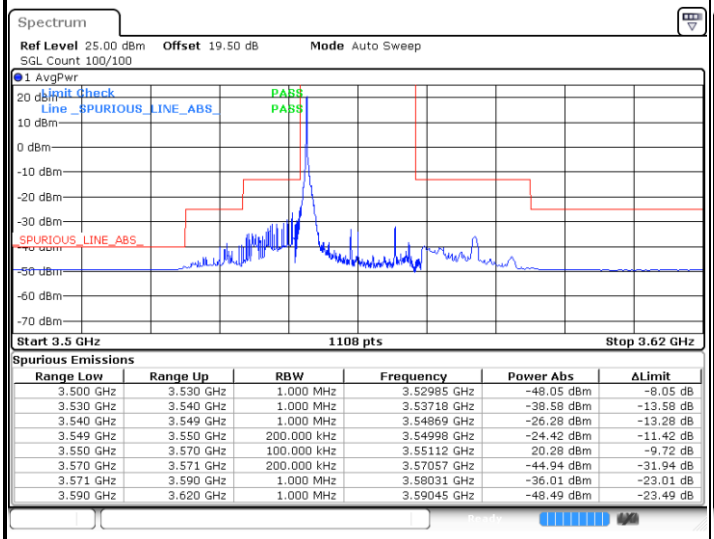
Date: 14.JAN.2025 17:47:05

N/A

LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

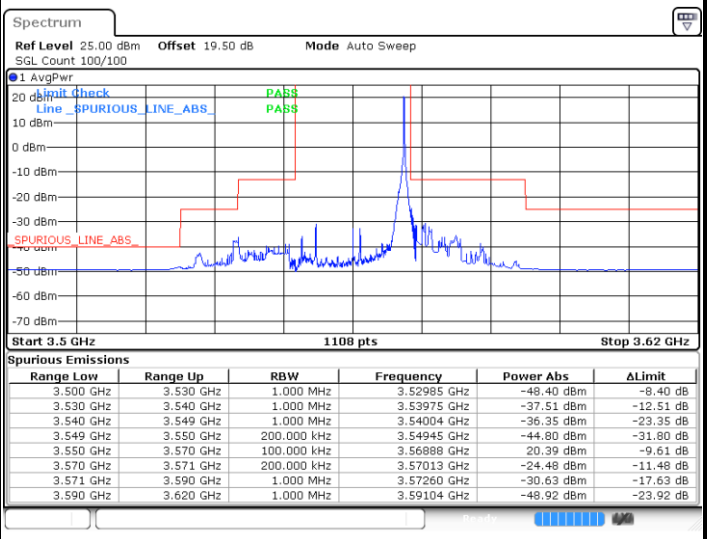


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-48.05 dBm	-8.05 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53718 GHz	-38.58 dBm	-13.58 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54869 GHz	-26.28 dBm	-13.28 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54998 GHz	-24.42 dBm	-11.42 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55112 GHz	20.28 dBm	-9.72 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57057 GHz	-44.94 dBm	-31.94 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.58031 GHz	-36.01 dBm	-23.01 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59045 GHz	-48.49 dBm	-23.49 dB

Date: 3.JAN.2025 22:54:46

Lowest Channel / 1RBmax

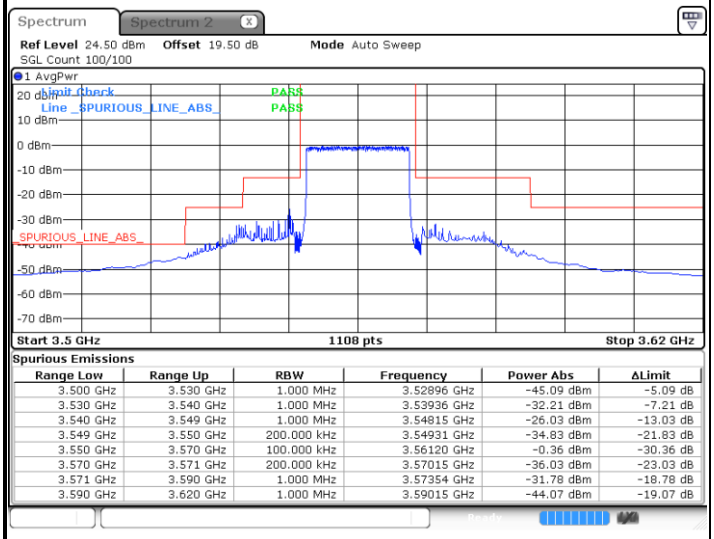


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-48.40 dBm	-8.40 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-37.51 dBm	-12.51 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54004 GHz	-36.35 dBm	-23.35 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54945 GHz	-44.80 dBm	-31.80 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56888 GHz	20.39 dBm	-9.61 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57013 GHz	-24.48 dBm	-11.48 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57260 GHz	-30.63 dBm	-17.63 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59104 GHz	-48.92 dBm	-23.92 dB

Date: 3.JAN.2025 22:59:03

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52896 GHz	-45.09 dBm	-5.09 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53936 GHz	-32.21 dBm	-7.21 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54815 GHz	-26.03 dBm	-13.03 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54931 GHz	-34.83 dBm	-21.83 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56120 GHz	-0.36 dBm	-30.36 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57015 GHz	-36.03 dBm	-23.03 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57354 GHz	-31.78 dBm	-18.78 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-44.07 dBm	-19.07 dB

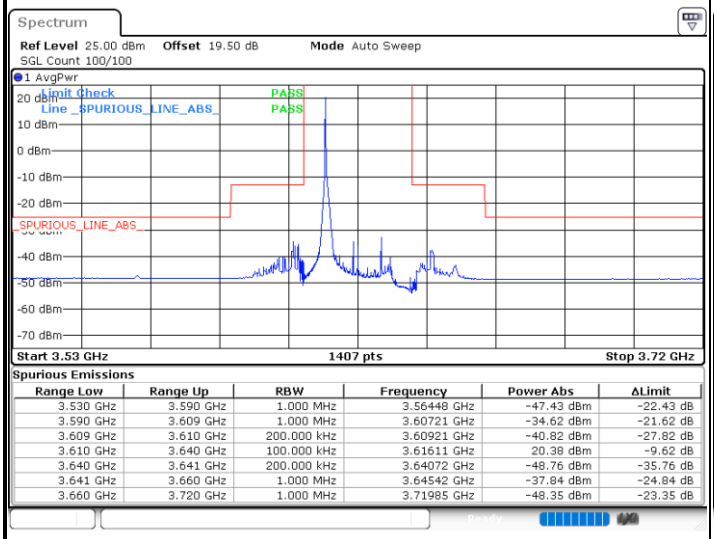
Date: 14.JAN.2025 17:44:15

N/A

LTE Band 48 / 20MHz

16QAM

Middle Channel / 1RB0

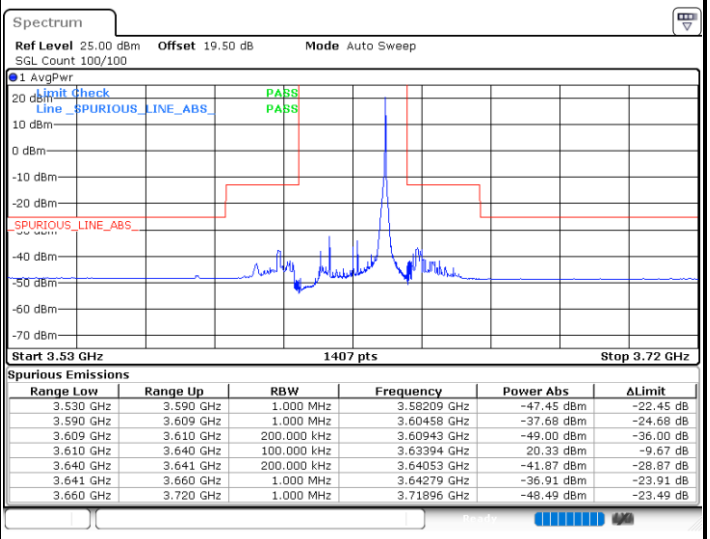


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.56448 GHz	-47.43 dBm	-22.43 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60721 GHz	-34.62 dBm	-21.62 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60921 GHz	-40.82 dBm	-27.82 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	20.38 dBm	-9.62 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64072 GHz	-48.76 dBm	-35.76 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64542 GHz	-37.84 dBm	-24.84 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.71985 GHz	-48.35 dBm	-23.35 dB

Date: 6.JAN.2025 14:21:58

Middle Channel / 1RBmax

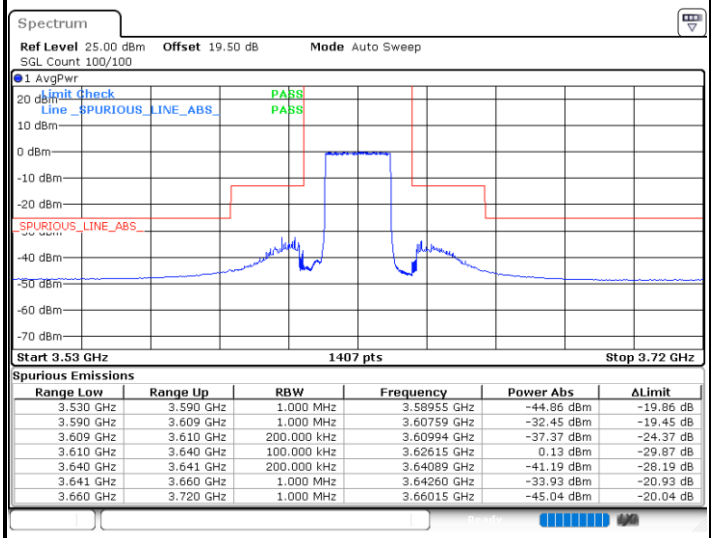


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58209 GHz	-47.45 dBm	-22.45 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60458 GHz	-37.68 dBm	-24.68 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60943 GHz	-49.00 dBm	-36.00 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	20.33 dBm	-9.67 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64053 GHz	-41.87 dBm	-28.87 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64279 GHz	-36.91 dBm	-23.91 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.71896 GHz	-48.49 dBm	-23.49 dB

Date: 6.JAN.2025 14:17:18

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58955 GHz	-44.86 dBm	-19.86 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60759 GHz	-32.45 dBm	-19.45 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60994 GHz	-37.37 dBm	-24.37 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62615 GHz	0.13 dBm	-29.87 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64089 GHz	-41.19 dBm	-28.19 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64260 GHz	-33.93 dBm	-20.93 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-45.04 dBm	-20.04 dB

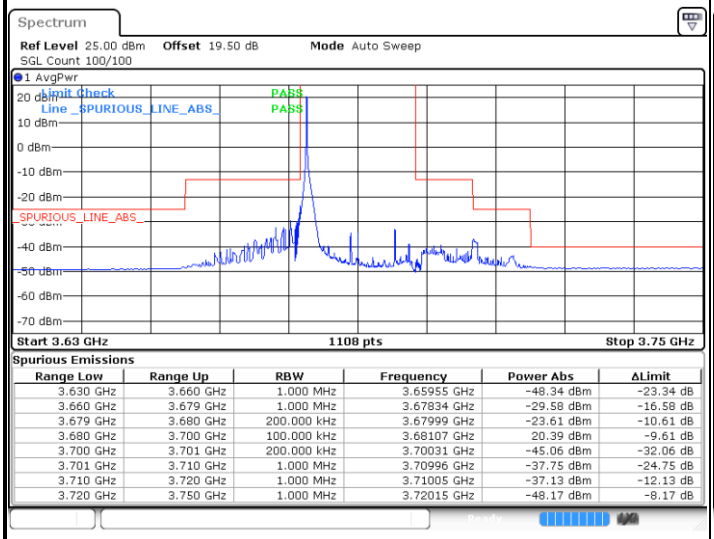
Date: 6.JAN.2025 14:12:38

N/A

LTE Band 48 / 20MHz

16QAM

Highest Channel / 1RB0

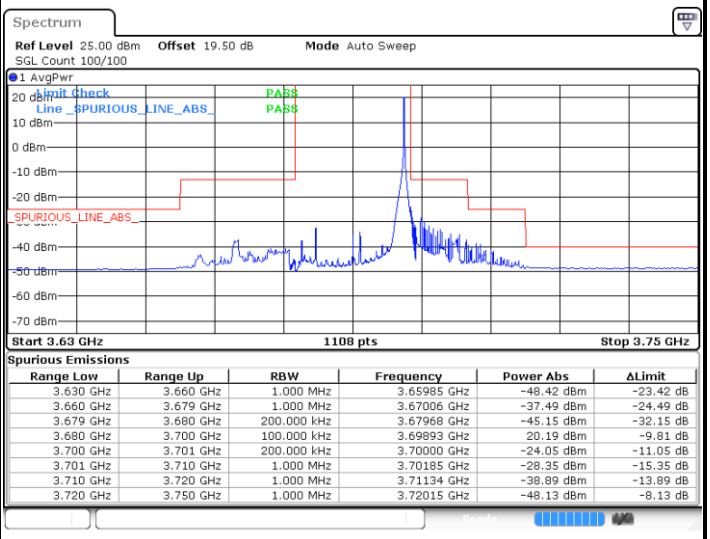


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65955 GHz	-48.34 dBm	-23.34 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67834 GHz	-29.58 dBm	-16.58 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-23.61 dBm	-10.61 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	20.39 dBm	-9.61 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70031 GHz	-45.06 dBm	-32.06 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70996 GHz	-37.75 dBm	-24.75 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-37.13 dBm	-12.13 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.17 dBm	-8.17 dB

Date: 3.JAN.2025 23:42:35

Highest Channel / 1RBmax

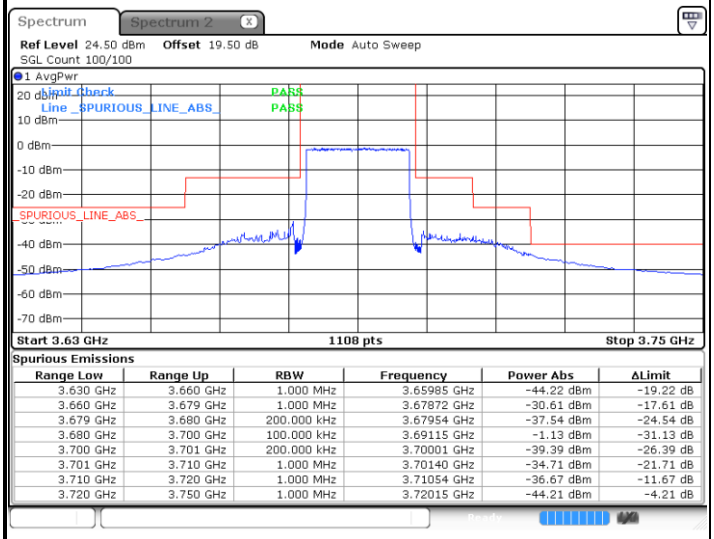


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-48.42 dBm	-23.42 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67006 GHz	-37.49 dBm	-24.49 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67968 GHz	-45.15 dBm	-32.15 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	20.19 dBm	-9.81 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-24.05 dBm	-11.05 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70185 GHz	-28.35 dBm	-15.35 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71134 GHz	-38.89 dBm	-13.89 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.13 dBm	-8.13 dB

Date: 3.JAN.2025 23:46:50

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-44.22 dBm	-19.22 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67872 GHz	-30.61 dBm	-17.61 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67954 GHz	-37.54 dBm	-24.54 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69115 GHz	-1.13 dBm	-31.13 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-39.39 dBm	-26.39 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-34.71 dBm	-21.71 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71054 GHz	-36.67 dBm	-11.67 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-44.21 dBm	-4.21 dB

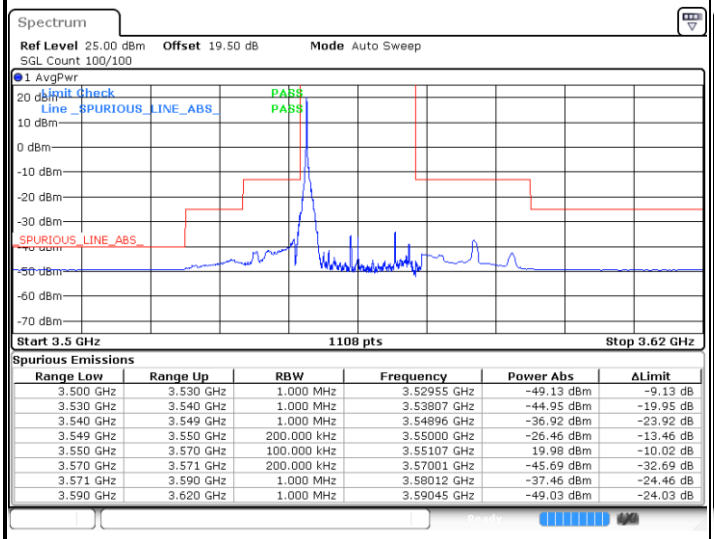
Date: 14.JAN.2025 17:45:50

N/A

LTE Band 48 / 20MHz

64QAM

Lowest Channel / 1RB0

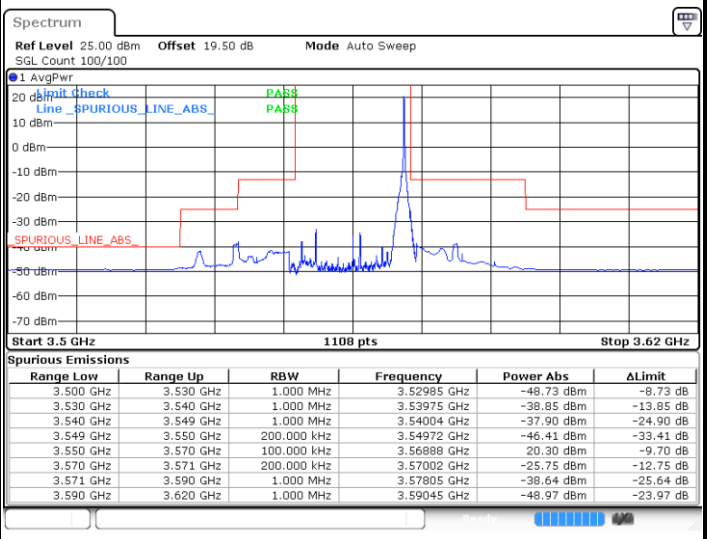


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52955 GHz	-49.13 dBm	-9.13 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53807 GHz	-44.95 dBm	-19.95 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-36.92 dBm	-23.92 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-26.46 dBm	-13.46 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	19.98 dBm	-10.02 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57001 GHz	-45.69 dBm	-32.69 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.58012 GHz	-37.46 dBm	-24.46 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59045 GHz	-49.03 dBm	-24.03 dB

Date: 3.JAN.2025 22:56:11

Lowest Channel / 1RBmax

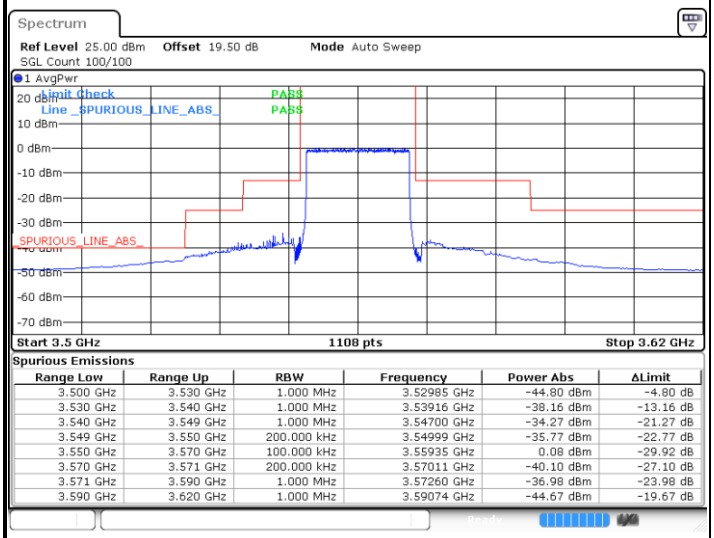


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-48.73 dBm	-8.73 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-38.85 dBm	-13.85 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54004 GHz	-37.90 dBm	-24.90 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54972 GHz	-46.41 dBm	-33.41 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56888 GHz	20.30 dBm	-9.70 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57002 GHz	-25.75 dBm	-12.75 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57805 GHz	-38.64 dBm	-25.64 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59045 GHz	-48.97 dBm	-23.97 dB

Date: 3.JAN.2025 22:57:37

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-44.80 dBm	-4.80 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53916 GHz	-38.16 dBm	-13.16 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54700 GHz	-34.27 dBm	-21.27 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-35.77 dBm	-22.77 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55935 GHz	0.08 dBm	-29.92 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57011 GHz	-40.10 dBm	-27.10 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57260 GHz	-36.98 dBm	-23.98 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59074 GHz	-44.67 dBm	-19.67 dB

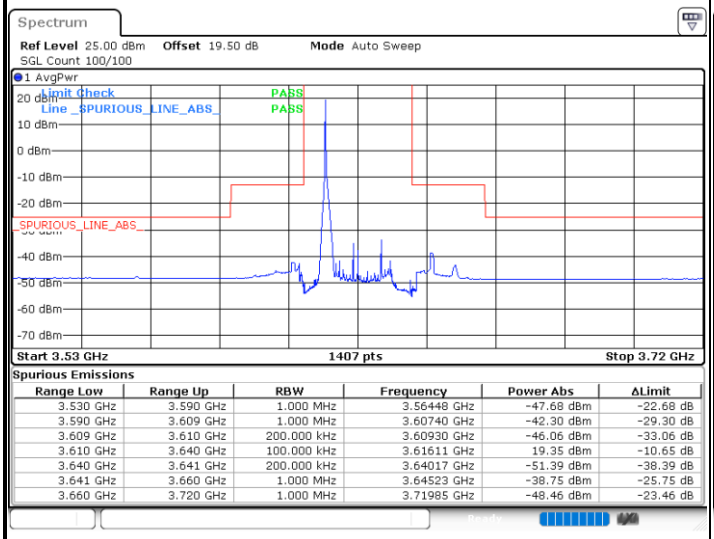
Date: 3.JAN.2025 23:04:45

N/A

LTE Band 48 / 20MHz

64QAM

Middle Channel / 1RB0

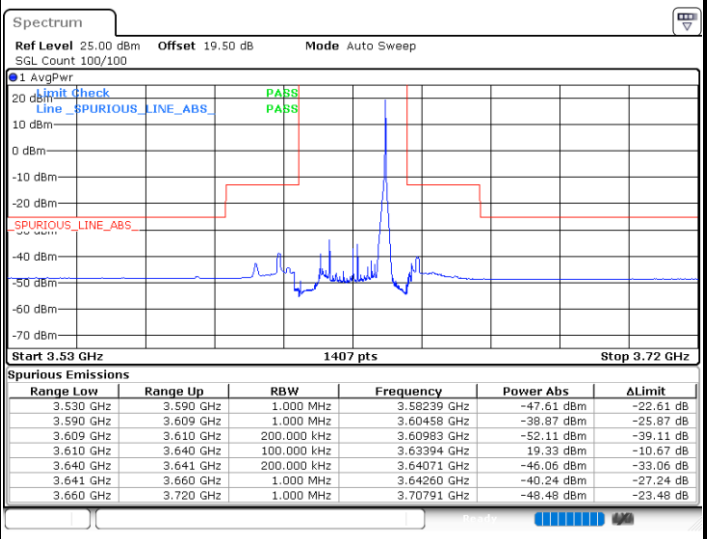


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.56448 GHz	-47.68 dBm	-22.68 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60740 GHz	-42.30 dBm	-29.30 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60930 GHz	-46.06 dBm	-33.06 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	19.35 dBm	-10.65 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64017 GHz	-51.39 dBm	-38.39 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64523 GHz	-38.75 dBm	-25.75 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.71985 GHz	-48.46 dBm	-23.46 dB

Date: 6.JAN.2025 14:20:24

Middle Channel / 1RBmax

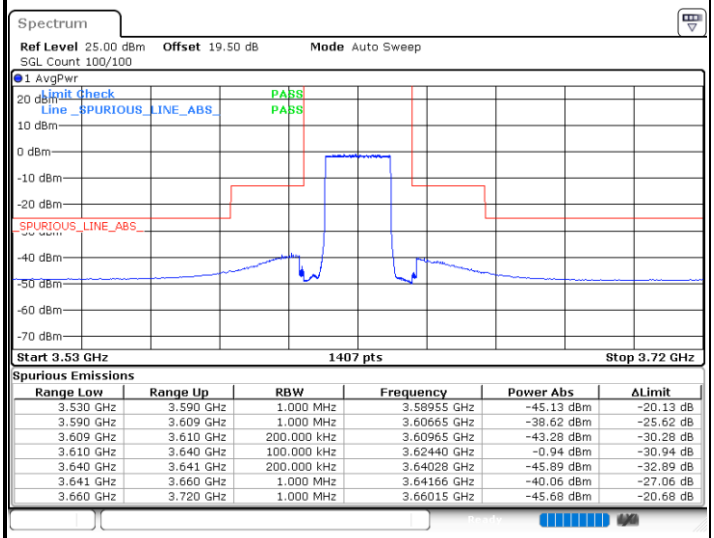


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58239 GHz	-47.61 dBm	-22.61 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60458 GHz	-38.87 dBm	-25.87 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60983 GHz	-52.11 dBm	-39.11 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	19.33 dBm	-10.67 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64071 GHz	-46.06 dBm	-33.06 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64260 GHz	-40.24 dBm	-27.24 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.70791 GHz	-48.48 dBm	-23.48 dB

Date: 6.JAN.2025 14:18:51

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58955 GHz	-45.13 dBm	-20.13 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60665 GHz	-38.62 dBm	-25.62 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60965 GHz	-43.28 dBm	-30.28 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62440 GHz	-0.94 dBm	-30.94 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64028 GHz	-45.89 dBm	-32.89 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64166 GHz	-40.06 dBm	-27.06 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-45.68 dBm	-20.68 dB

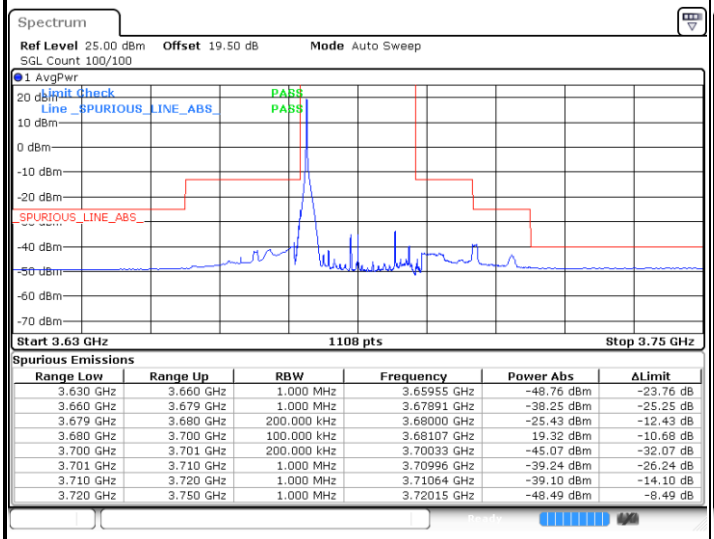
Date: 6.JAN.2025 14:11:05

N/A

LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

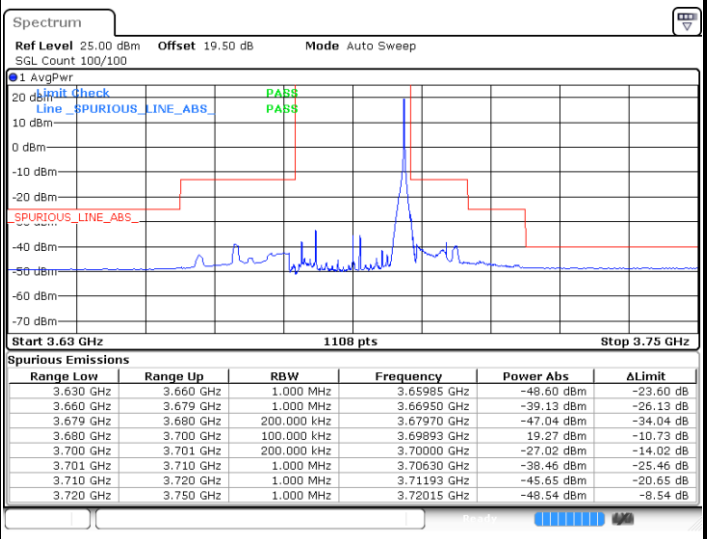


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65955 GHz	-48.76 dBm	-23.76 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-38.25 dBm	-25.25 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.68000 GHz	-25.43 dBm	-12.43 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	19.32 dBm	-10.68 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70033 GHz	-45.07 dBm	-32.07 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70996 GHz	-39.24 dBm	-26.24 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71064 GHz	-39.10 dBm	-14.10 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.49 dBm	-8.49 dB

Date: 3.JAN.2025 23:44:00

Highest Channel / 1RBmax

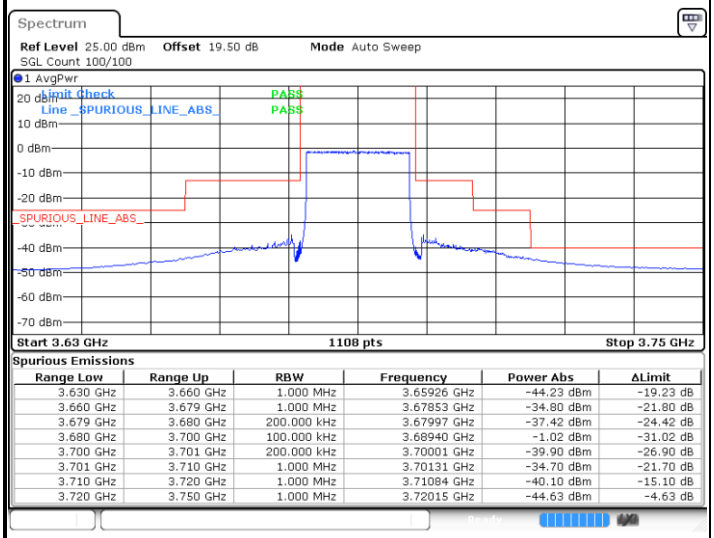


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-48.60 dBm	-23.60 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.66950 GHz	-39.13 dBm	-26.13 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67970 GHz	-47.04 dBm	-34.04 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	19.27 dBm	-10.73 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-27.02 dBm	-14.02 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70630 GHz	-38.46 dBm	-25.46 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71193 GHz	-45.65 dBm	-20.65 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.54 dBm	-8.54 dB

Date: 3.JAN.2025 23:45:25

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65926 GHz	-44.23 dBm	-19.23 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67853 GHz	-34.80 dBm	-21.80 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67997 GHz	-37.42 dBm	-24.42 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68940 GHz	-1.02 dBm	-31.02 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-39.90 dBm	-26.90 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70131 GHz	-34.70 dBm	-21.70 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71084 GHz	-40.10 dBm	-15.10 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-44.63 dBm	-4.63 dB

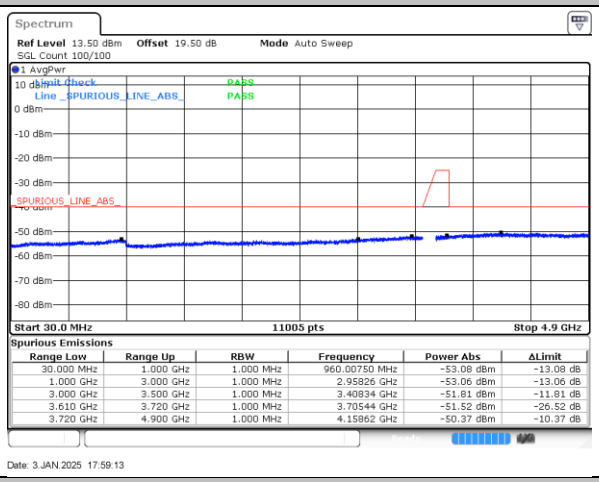
Date: 3.JAN.2025 23:52:31

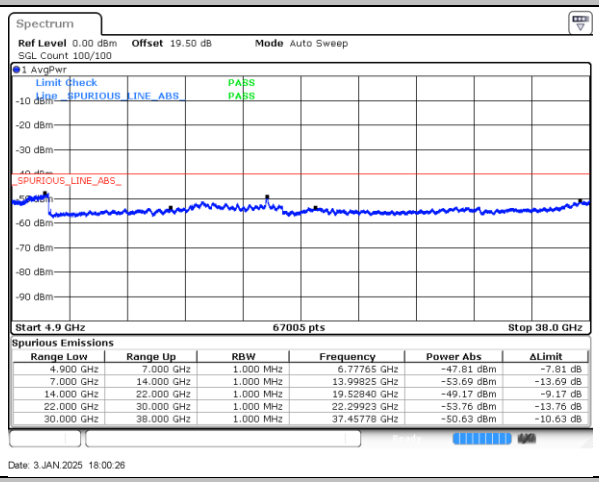
N/A

Conducted Spurious Emission

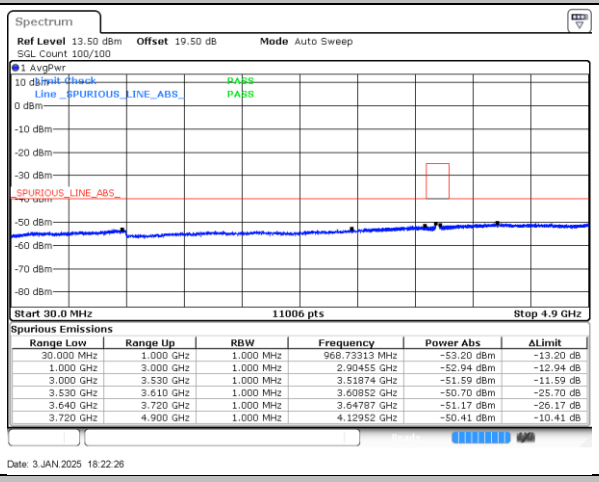
LTE Band 48 / 5MHz

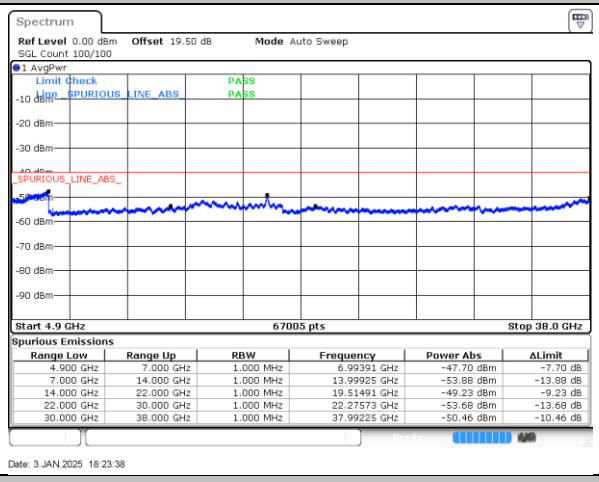
Lowest Channel / QPSK



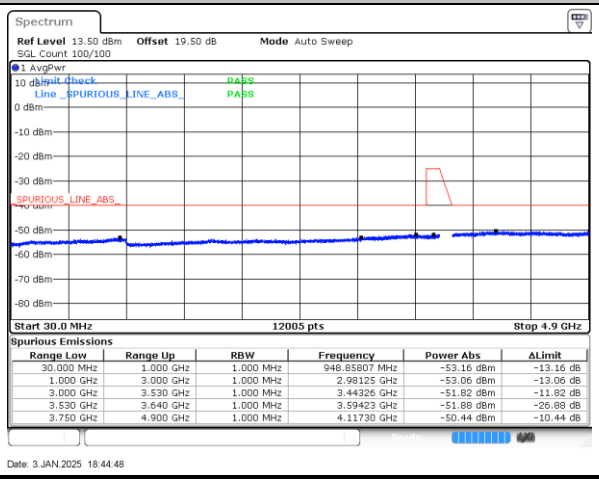


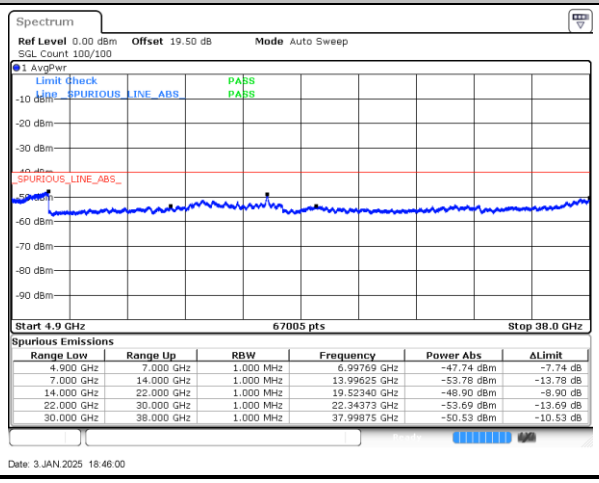
Middle Channel / QPSK





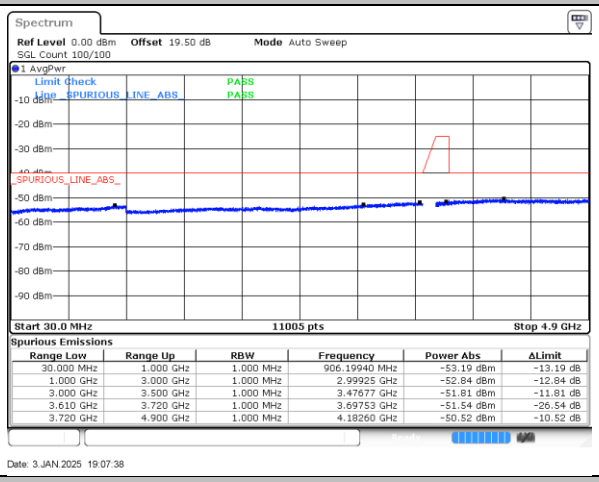
Highest Channel / QPSK

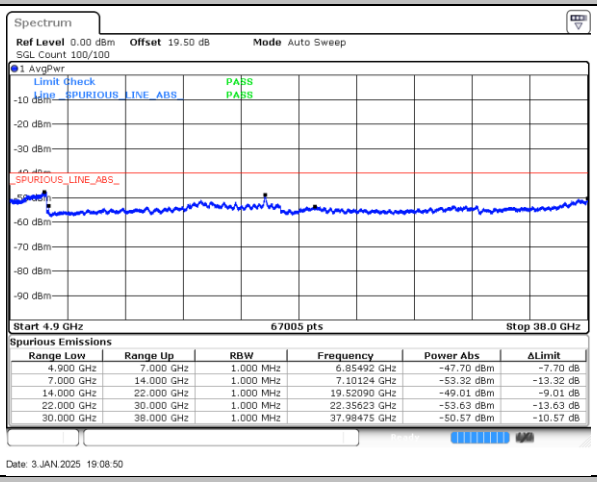




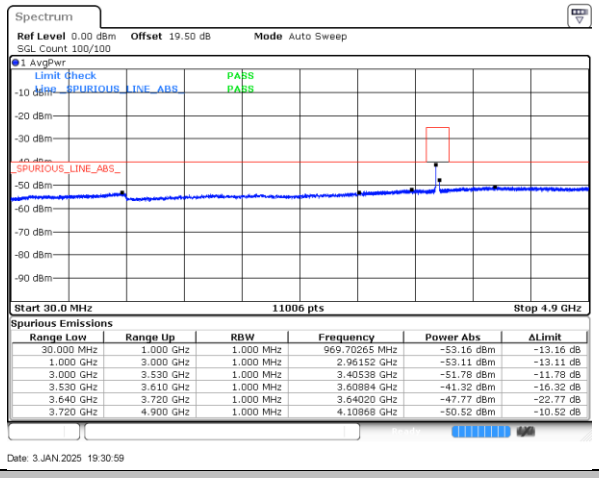
LTE Band 48 / 10MHz

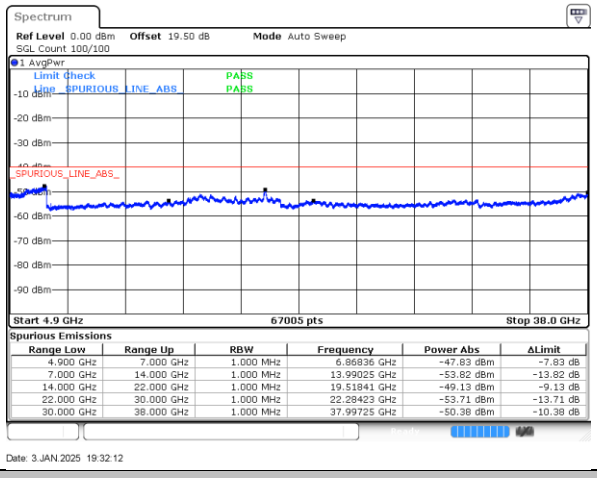
Lowest Channel / QPSK



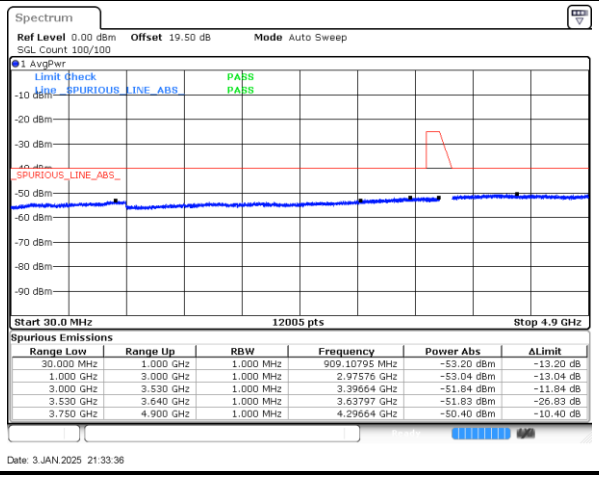


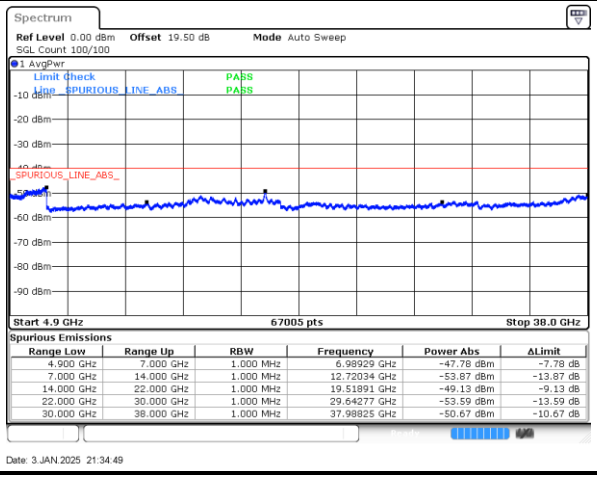
Middle Channel / QPSK





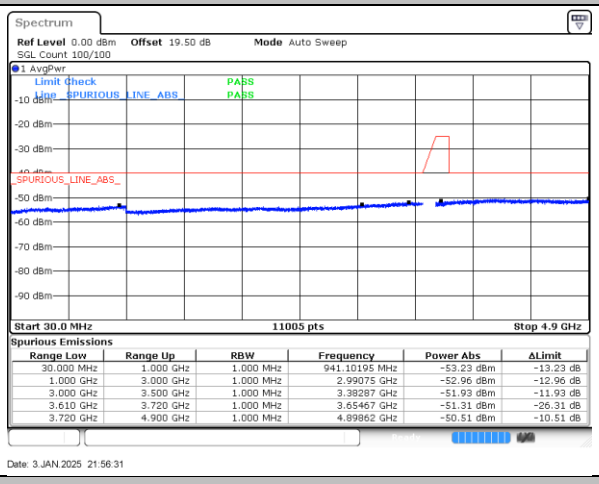
Highest Channel / QPSK

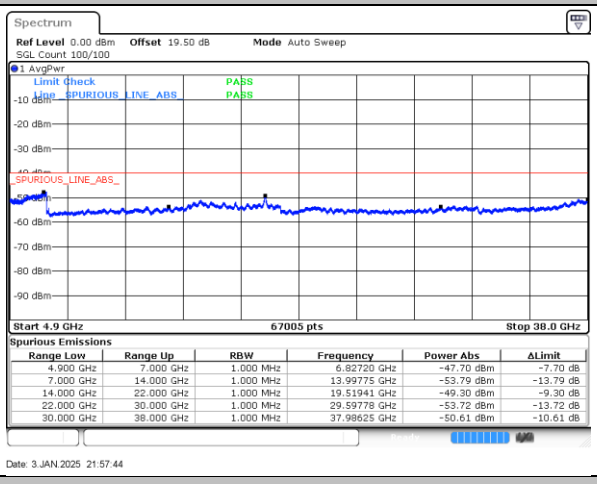




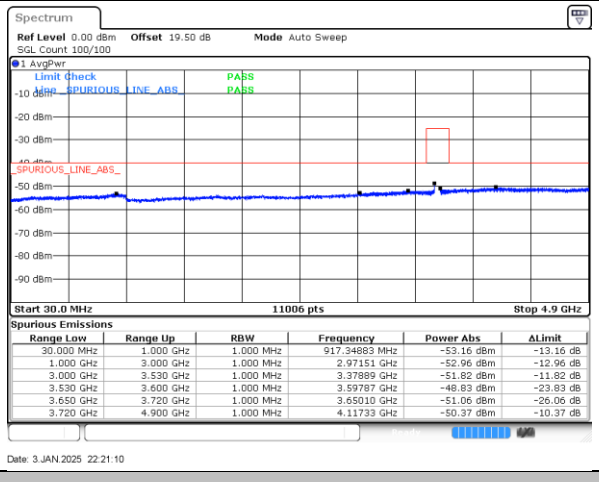
LTE Band 48 / 15MHz

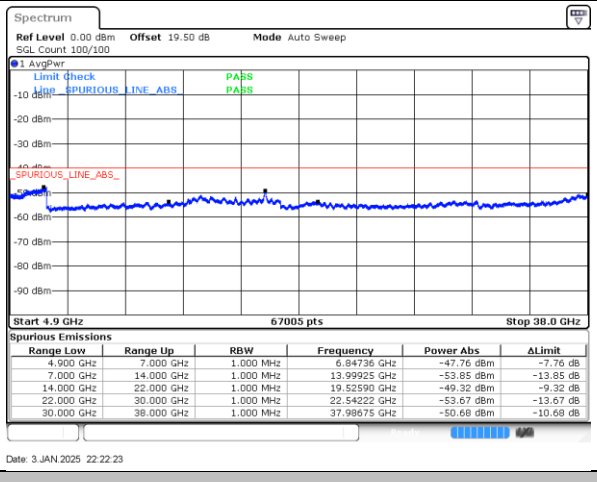
Lowest Channel / QPSK



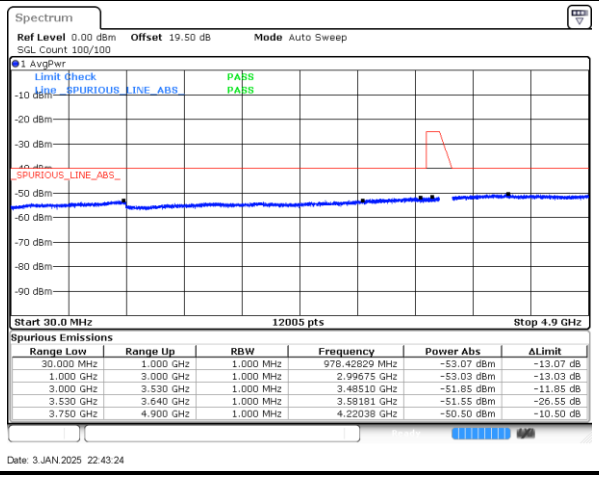


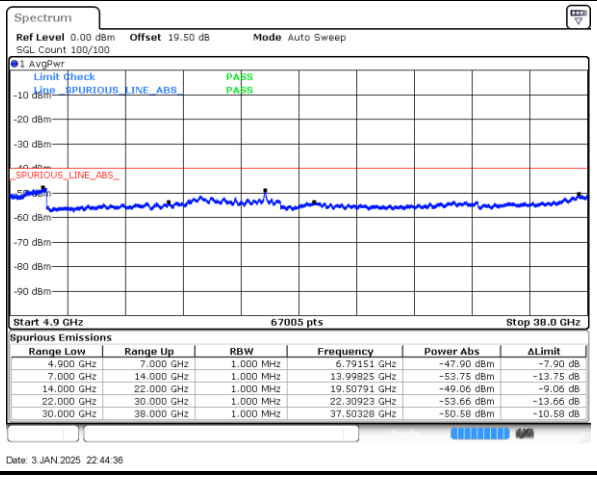
Middle Channel / QPSK





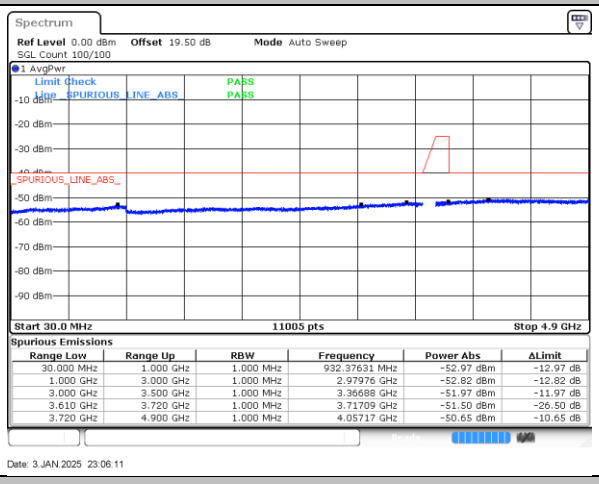
Highest Channel / QPSK

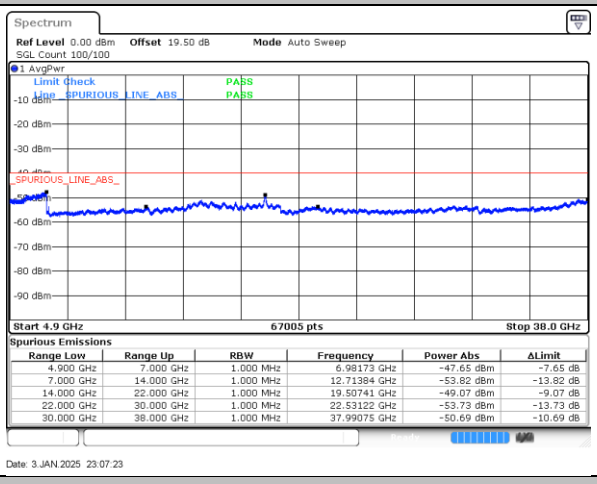




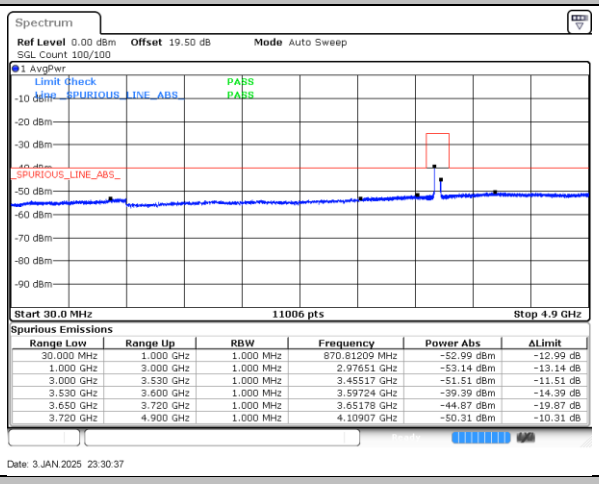
LTE Band 48 / 20MHz

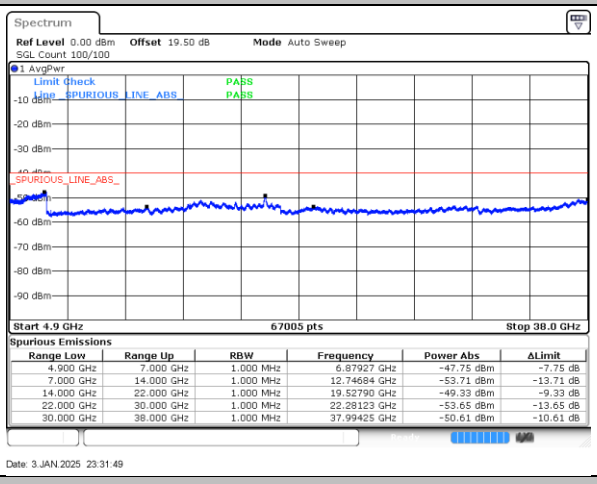
Lowest Channel / QPSK



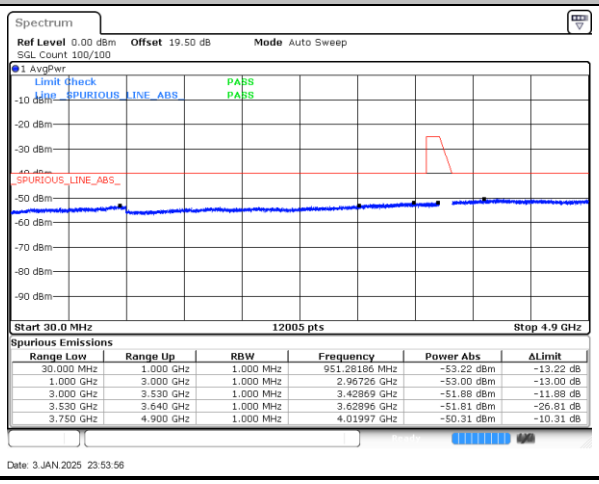


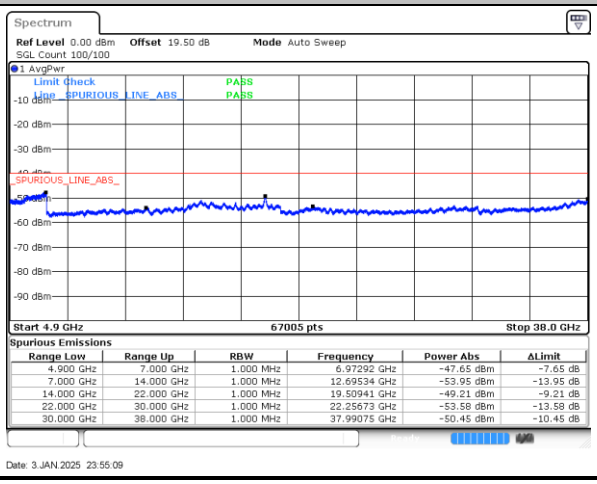
Middle Channel / QPSK





Highest Channel / QPSK





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	0.0006	PASS
40	Normal Voltage	0.0051	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0073	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point = 3.5 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	PingZhou Liang	Temperature :	22~25℃
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 48 / 20MHz / QPSK / Ant.7									
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	7232.00	-59.50	-40	-19.50	-58.68	-62.80	8.30	11.60	H
	10848.00	-54.68	-40	-14.68	-59.25	-56.20	10.48	12.00	H
	14464.00	-48.82	-40	-8.82	-58.82	-50.52	11.80	13.50	H
	7232.00	-58.23	-40	-18.23	-57.72	-61.53	8.30	11.60	V
	10848.00	-55.19	-40	-15.19	-59.39	-56.71	10.48	12.00	V
	14464.00	-49.65	-40	-9.65	-59.07	-51.35	11.80	13.50	V

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