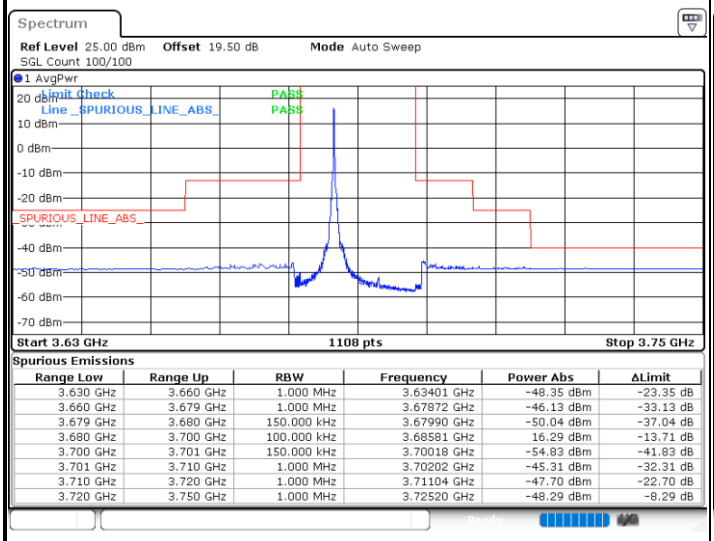
LTE Band 48 / 15MHz

16QAM

Highest Channel / 1RB0

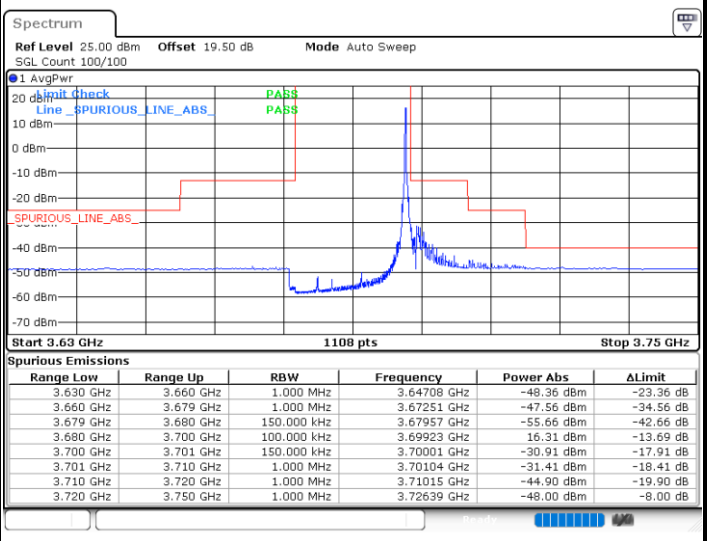


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.63401 GHz	-48.35 dBm	-23.35 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67872 GHz	-46.13 dBm	-33.13 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67990 GHz	-50.04 dBm	-37.04 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68581 GHz	16.29 dBm	-13.71 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70018 GHz	-54.83 dBm	-41.83 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70202 GHz	-45.31 dBm	-32.31 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71104 GHz	-47.70 dBm	-22.70 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72520 GHz	-48.29 dBm	-8.29 dB

Date: 15.APR.2024 15:14:11

Highest Channel / 1RBmax

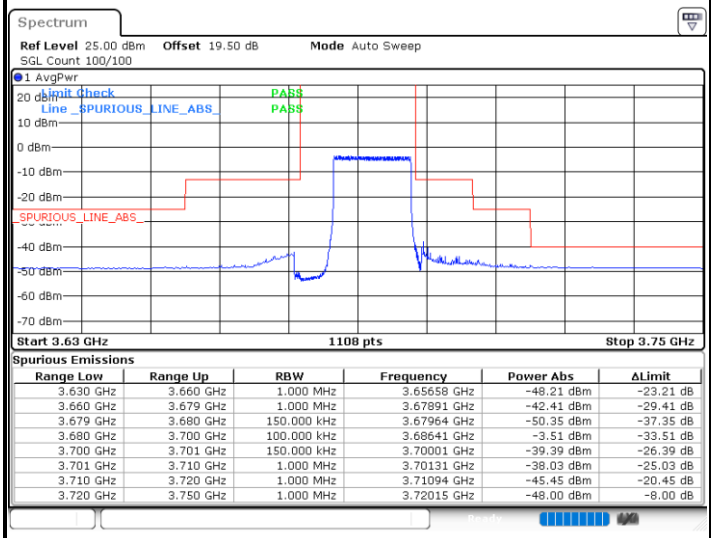


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64708 GHz	-48.36 dBm	-23.36 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67251 GHz	-47.56 dBm	-34.56 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67957 GHz	-55.66 dBm	-42.66 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69923 GHz	16.31 dBm	-13.69 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70001 GHz	-30.91 dBm	-17.91 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-31.41 dBm	-18.41 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-44.90 dBm	-19.90 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72639 GHz	-48.00 dBm	-8.00 dB

Date: 15.APR.2024 15:18:52

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65658 GHz	-48.21 dBm	-23.21 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-42.41 dBm	-29.41 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67964 GHz	-50.35 dBm	-37.35 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68641 GHz	-3.51 dBm	-33.51 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70001 GHz	-39.39 dBm	-26.39 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70131 GHz	-38.03 dBm	-25.03 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71094 GHz	-45.45 dBm	-20.45 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.00 dBm	-8.00 dB

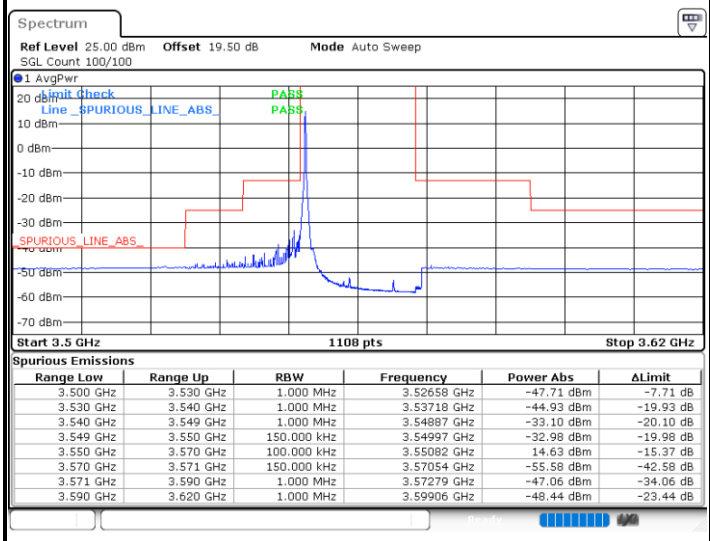
Date: 15.APR.2024 15:23:32

N/A

LTE Band 48 / 15MHz

64QAM

Lowest Channel / 1RB0

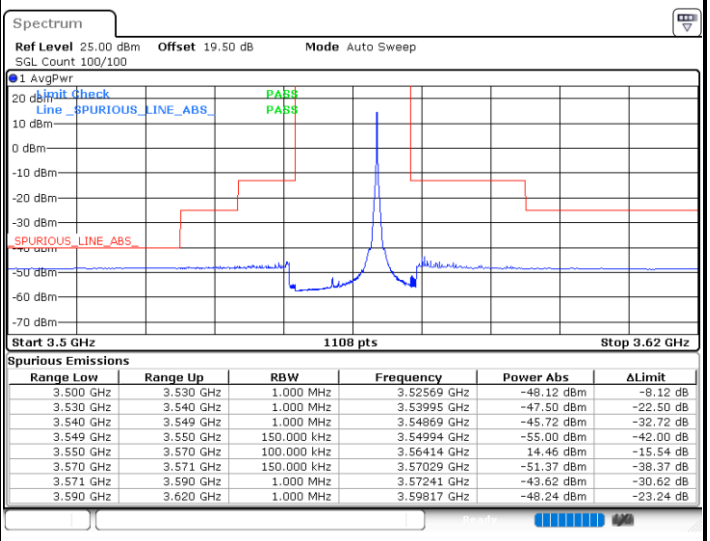


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52658 GHz	-47.71 dBm	-7.71 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53718 GHz	-44.93 dBm	-19.93 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54887 GHz	-33.10 dBm	-20.10 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54997 GHz	-32.98 dBm	-19.98 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55082 GHz	14.63 dBm	-15.37 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57054 GHz	-55.58 dBm	-42.58 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57279 GHz	-47.06 dBm	-34.06 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59906 GHz	-48.44 dBm	-23.44 dB

Date: 15.APR.2024 14:25:45

Lowest Channel / 1RBmax

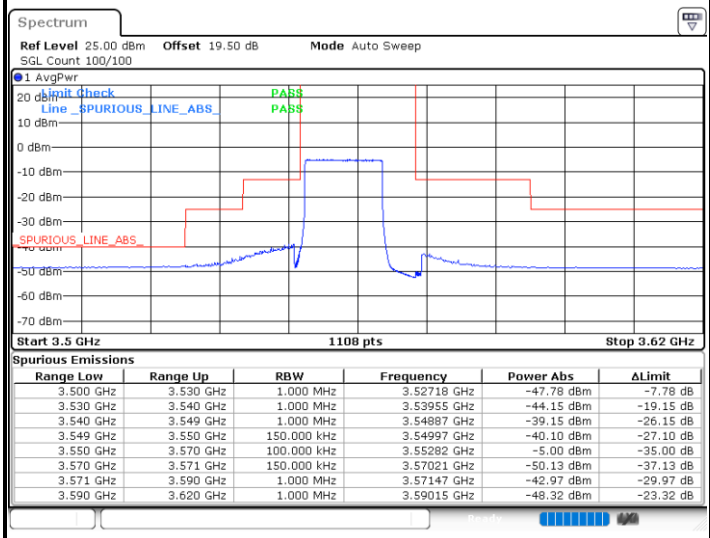


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52569 GHz	-48.12 dBm	-8.12 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-47.50 dBm	-22.50 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54869 GHz	-45.72 dBm	-32.72 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54994 GHz	-55.00 dBm	-42.00 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56414 GHz	14.46 dBm	-15.54 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57029 GHz	-51.37 dBm	-38.37 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57241 GHz	-43.62 dBm	-30.62 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59817 GHz	-48.24 dBm	-23.24 dB

Date: 15.APR.2024 14:33:32

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52718 GHz	-47.78 dBm	-7.78 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53955 GHz	-44.15 dBm	-19.15 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54887 GHz	-39.15 dBm	-26.15 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54997 GHz	-40.10 dBm	-27.10 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55282 GHz	-5.00 dBm	-35.00 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57021 GHz	-50.13 dBm	-37.13 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57147 GHz	-42.97 dBm	-29.97 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-48.32 dBm	-23.32 dB

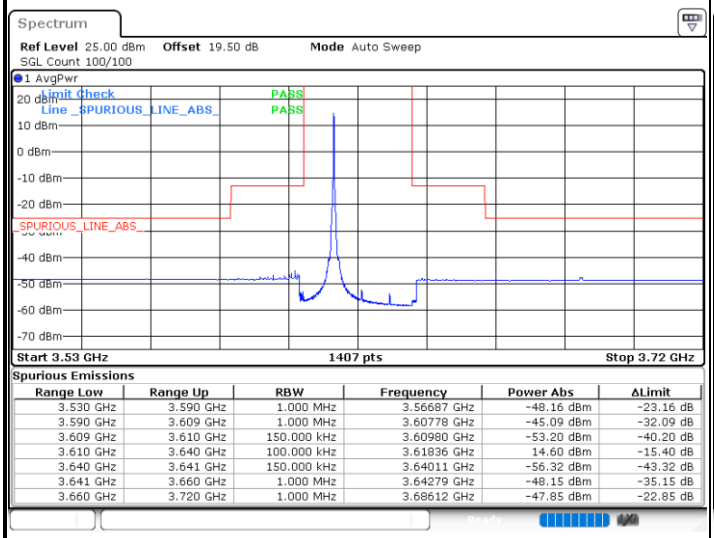
Date: 15.APR.2024 14:35:06

N/A

LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

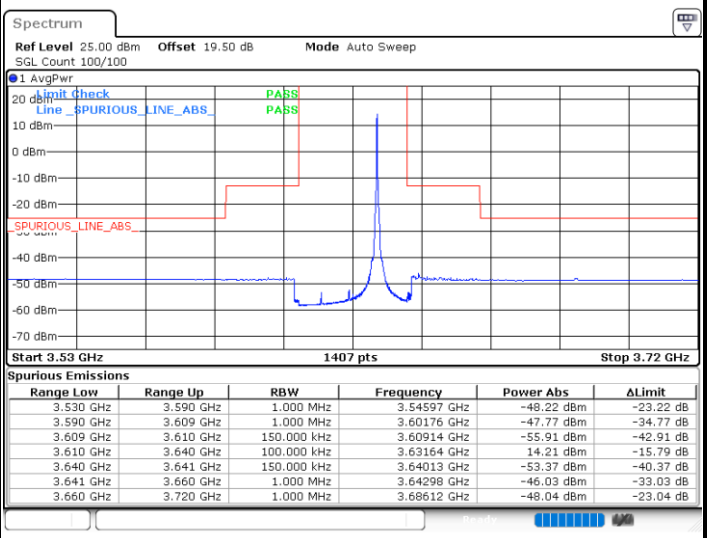


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.56687 GHz	-48.16 dBm	-23.16 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60778 GHz	-45.09 dBm	-32.09 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60980 GHz	-53.20 dBm	-40.20 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61836 GHz	14.60 dBm	-15.40 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64011 GHz	-56.32 dBm	-43.32 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64279 GHz	-48.15 dBm	-35.15 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68612 GHz	-47.85 dBm	-22.85 dB

Date: 15.APR.2024 15:01:08

Middle Channel / 1RBmax

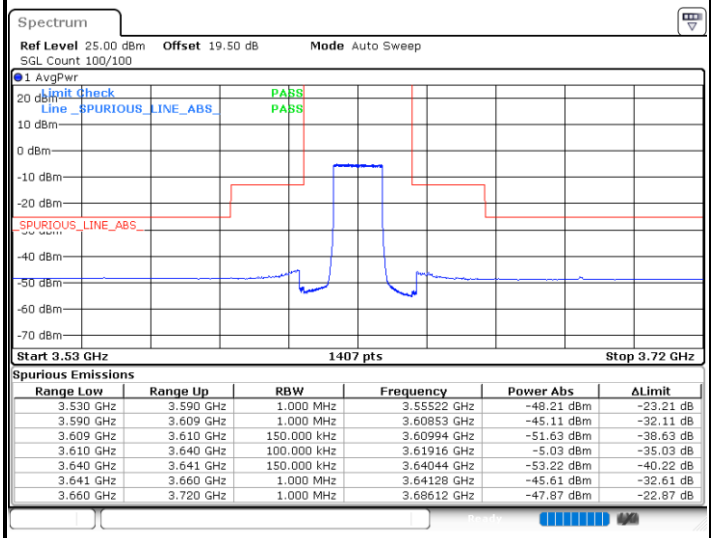


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.54597 GHz	-48.22 dBm	-23.22 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60176 GHz	-47.77 dBm	-34.77 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60914 GHz	-55.91 dBm	-42.91 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63164 GHz	14.21 dBm	-15.79 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64013 GHz	-53.37 dBm	-40.37 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64298 GHz	-46.03 dBm	-33.03 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68612 GHz	-48.04 dBm	-23.04 dB

Date: 15.APR.2024 14:53:01

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.55522 GHz	-48.21 dBm	-23.21 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60853 GHz	-45.11 dBm	-32.11 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60994 GHz	-51.63 dBm	-38.63 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61916 GHz	-5.03 dBm	-35.03 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64044 GHz	-53.22 dBm	-40.22 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-45.61 dBm	-32.61 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68612 GHz	-47.87 dBm	-22.87 dB

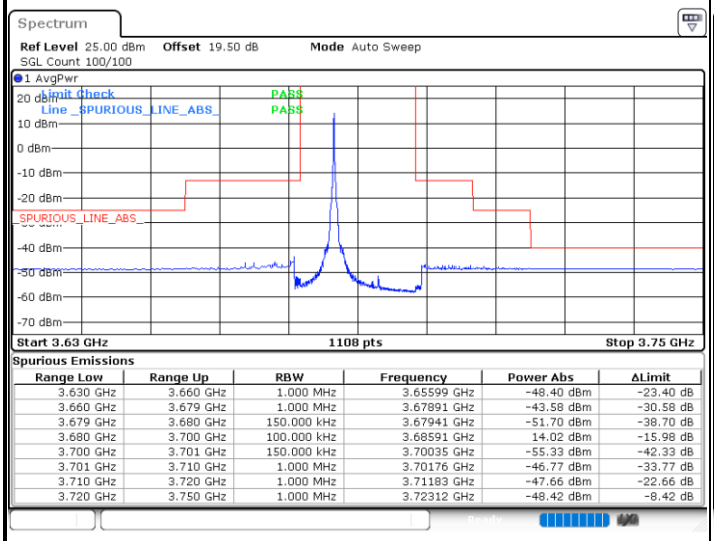
Date: 15.APR.2024 14:51:24

N/A

LTE Band 48 / 15MHz

64QAM

Highest Channel / 1RB0

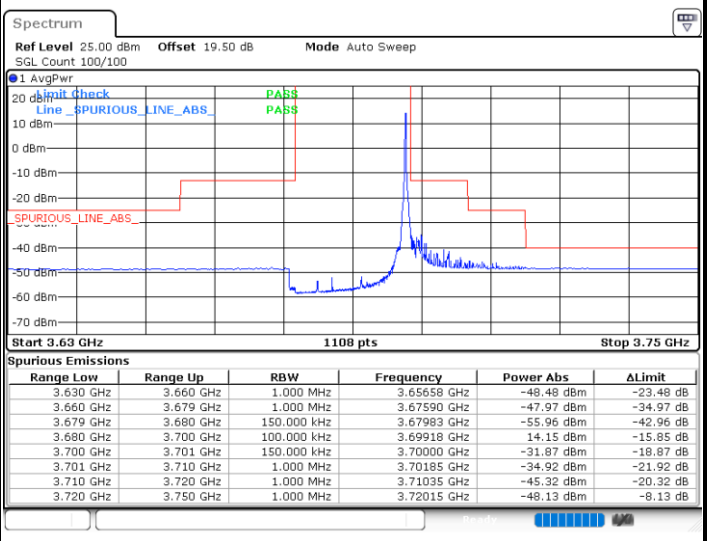


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65599 GHz	-48.40 dBm	-23.40 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-43.58 dBm	-30.58 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67941 GHz	-51.70 dBm	-38.70 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68591 GHz	14.02 dBm	-15.98 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70035 GHz	-55.33 dBm	-42.33 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70176 GHz	-46.77 dBm	-33.77 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71183 GHz	-47.66 dBm	-22.66 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72312 GHz	-48.42 dBm	-8.42 dB

Date: 15.APR.2024 15:12:38

Highest Channel / 1RBmax

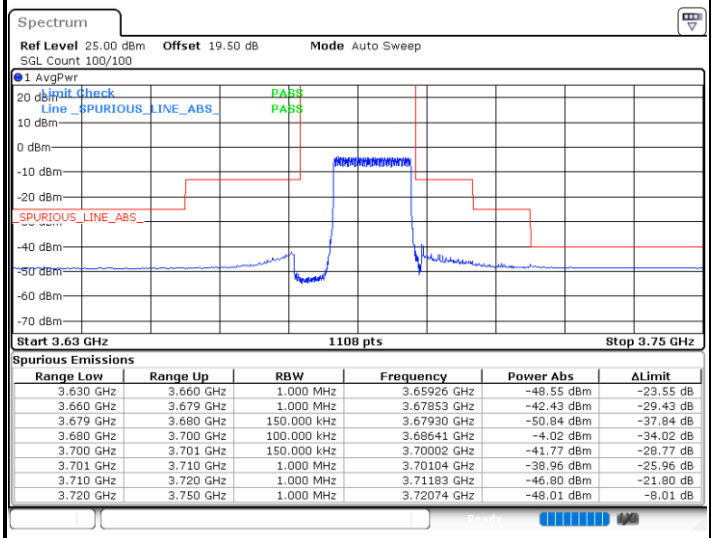


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65658 GHz	-48.48 dBm	-23.48 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67590 GHz	-47.97 dBm	-34.97 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67983 GHz	-55.96 dBm	-42.96 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69918 GHz	14.15 dBm	-15.85 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70000 GHz	-31.87 dBm	-18.87 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70185 GHz	-34.92 dBm	-21.92 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71035 GHz	-45.32 dBm	-20.32 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.13 dBm	-8.13 dB

Date: 15.APR.2024 15:20:25

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	-48.55 dBm	-23.55 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67853 GHz	-42.43 dBm	-29.43 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67930 GHz	-50.84 dBm	-37.84 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68641 GHz	-4.02 dBm	-34.02 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70002 GHz	-41.77 dBm	-28.77 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-38.96 dBm	-25.96 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71183 GHz	-46.80 dBm	-21.80 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72074 GHz	-48.01 dBm	-8.01 dB

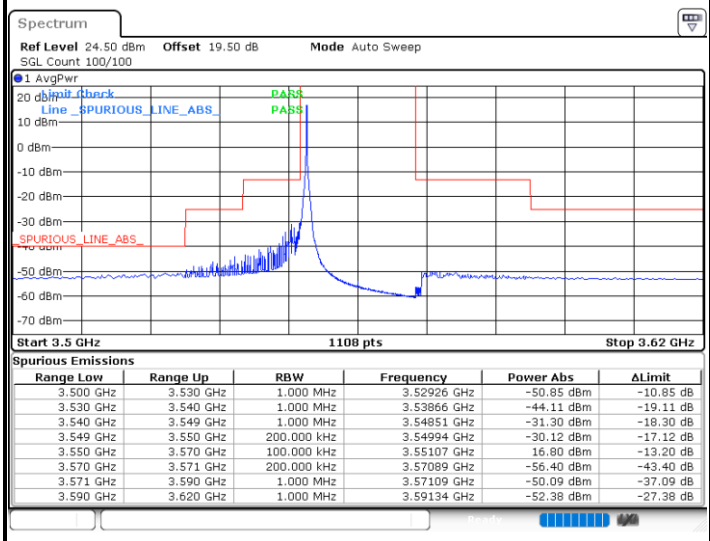
Date: 15.APR.2024 15:21:59

N/A

LTE Band 48 / 20MHz

QPSK

Lowest Channel / 1RB0

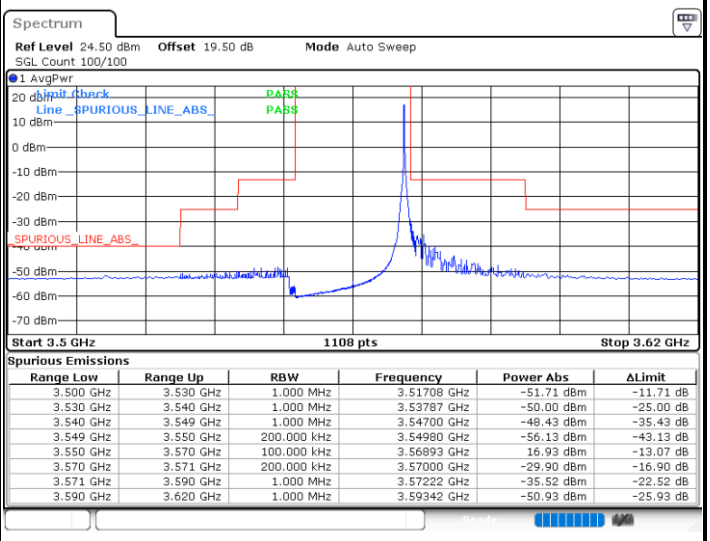


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52926 GHz	-50.85 dBm	-10.85 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53866 GHz	-44.11 dBm	-19.11 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54851 GHz	-31.30 dBm	-18.30 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54994 GHz	-30.12 dBm	-17.12 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	16.80 dBm	-13.20 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57089 GHz	-56.40 dBm	-43.40 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-50.09 dBm	-37.09 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59134 GHz	-52.38 dBm	-27.38 dB

Date: 15.APR.2024 15:35:04

Lowest Channel / 1RBmax

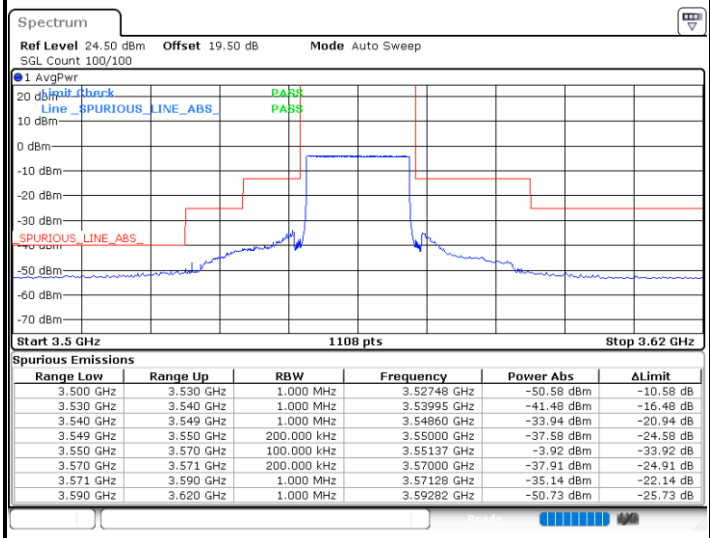


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51708 GHz	-51.71 dBm	-11.71 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53787 GHz	-50.00 dBm	-25.00 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54700 GHz	-48.43 dBm	-35.43 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54980 GHz	-56.13 dBm	-43.13 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	16.93 dBm	-13.07 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-29.90 dBm	-16.90 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57222 GHz	-35.52 dBm	-22.52 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59342 GHz	-50.93 dBm	-25.93 dB

Date: 15.APR.2024 15:42:53

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52748 GHz	-50.58 dBm	-10.58 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-41.48 dBm	-16.48 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54860 GHz	-33.94 dBm	-20.94 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-37.58 dBm	-24.58 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55137 GHz	-3.92 dBm	-33.92 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-37.91 dBm	-24.91 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-35.14 dBm	-22.14 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59282 GHz	-50.73 dBm	-25.73 dB

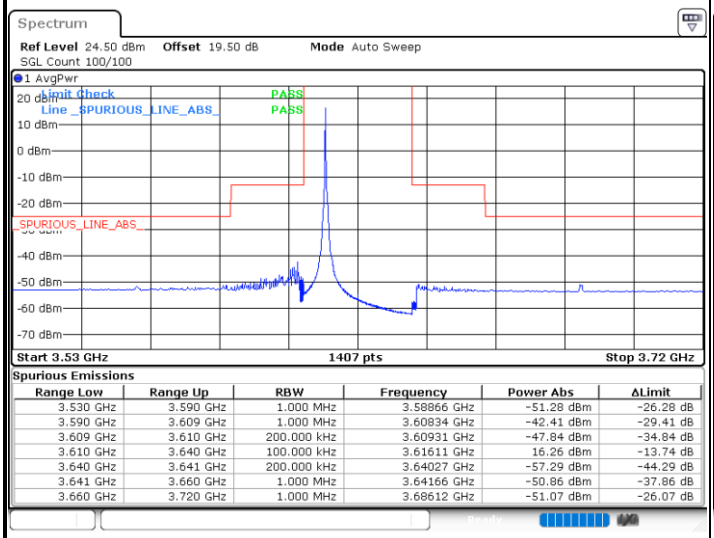
Date: 15.APR.2024 15:44:27

N/A

LTE Band 48 / 20MHz

QPSK

Middle Channel / 1RB0

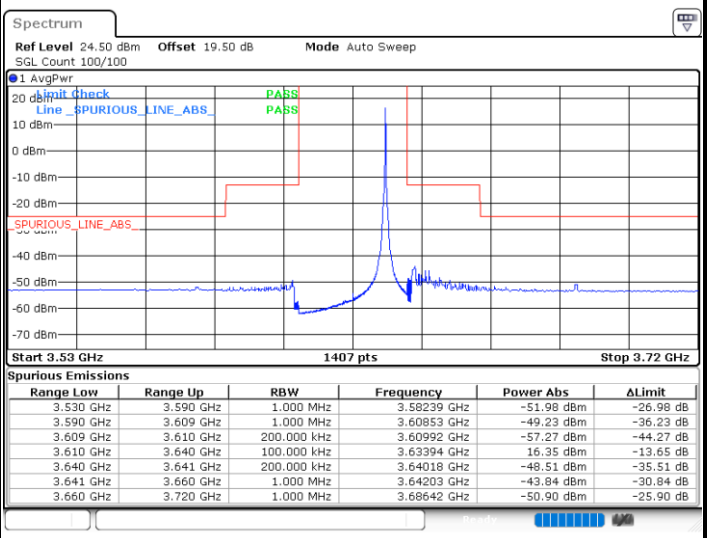


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58866 GHz	-51.28 dBm	-26.28 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60834 GHz	-42.41 dBm	-29.41 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60931 GHz	-47.84 dBm	-34.84 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	16.26 dBm	-13.74 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64027 GHz	-57.29 dBm	-44.29 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64166 GHz	-50.86 dBm	-37.86 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68612 GHz	-51.07 dBm	-26.07 dB

Date: 15.APR.2024 16:02:05

Middle Channel / 1RBmax

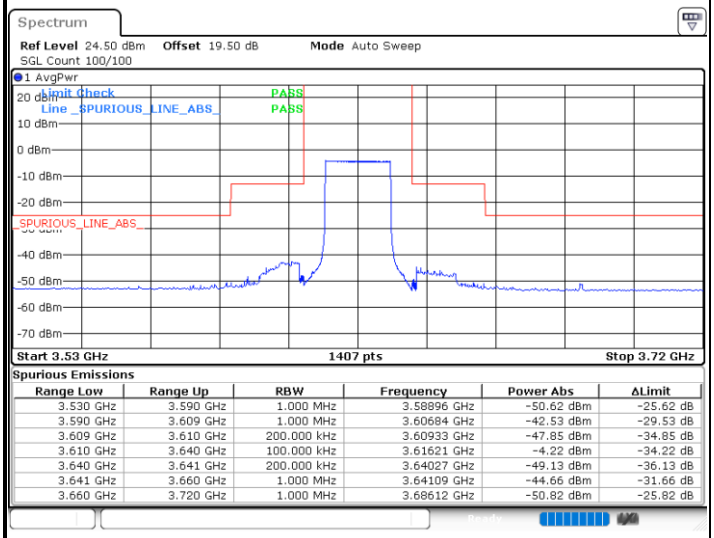


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58239 GHz	-51.98 dBm	-26.98 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60853 GHz	-49.23 dBm	-36.23 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60992 GHz	-57.27 dBm	-44.27 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	16.35 dBm	-13.65 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64018 GHz	-48.51 dBm	-35.51 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64203 GHz	-43.84 dBm	-30.84 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68642 GHz	-50.90 dBm	-25.90 dB

Date: 15.APR.2024 15:54:02

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58896 GHz	-50.62 dBm	-25.62 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60684 GHz	-42.53 dBm	-29.53 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60933 GHz	-47.85 dBm	-34.85 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61621 GHz	-4.22 dBm	-34.22 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64027 GHz	-49.13 dBm	-36.13 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-44.66 dBm	-31.66 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68612 GHz	-50.82 dBm	-25.82 dB

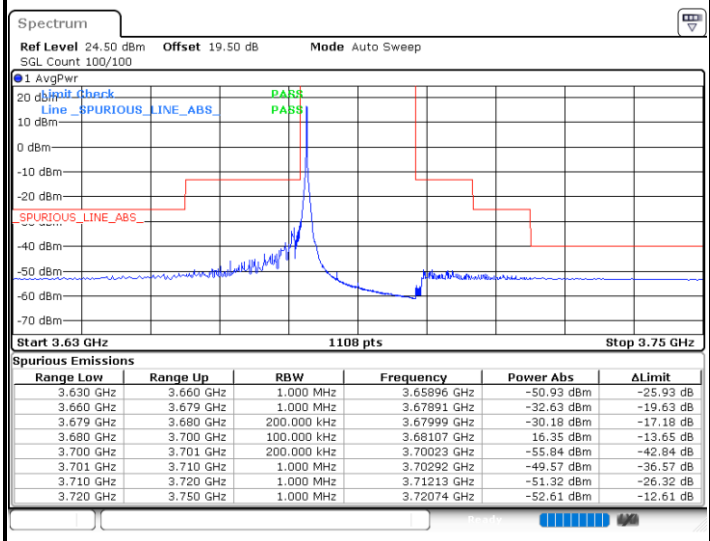
Date: 15.APR.2024 15:52:25

N/A

LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

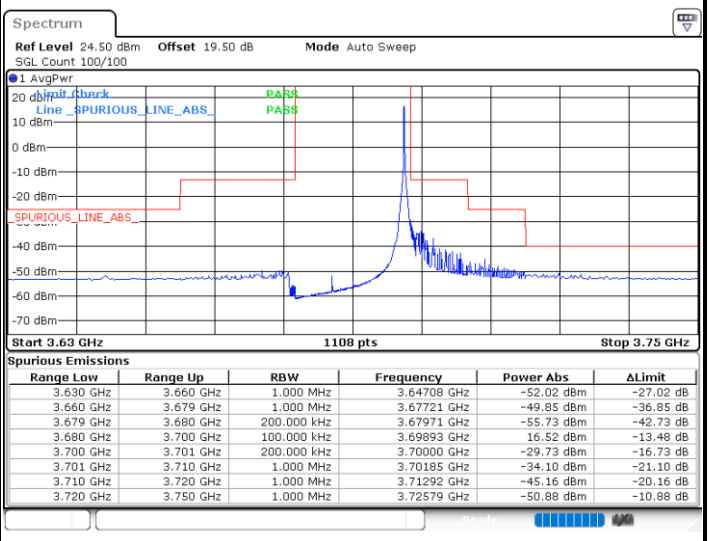


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65896 GHz	-50.93 dBm	-25.93 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-32.63 dBm	-19.63 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-30.18 dBm	-17.18 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	16.35 dBm	-13.65 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70023 GHz	-55.84 dBm	-42.84 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70292 GHz	-49.57 dBm	-36.57 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71213 GHz	-51.32 dBm	-26.32 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72074 GHz	-52.61 dBm	-12.61 dB

Date: 15.APR.2024 16:03:39

Highest Channel / 1RBmax

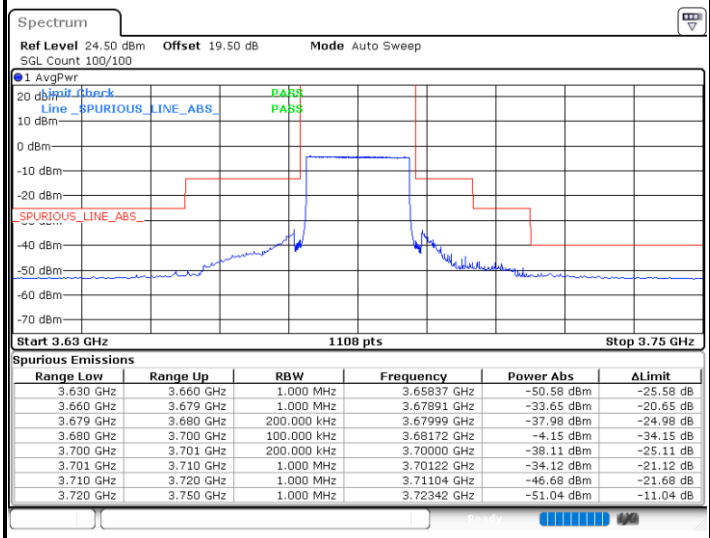


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64708 GHz	-52.02 dBm	-27.02 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67721 GHz	-49.85 dBm	-36.85 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67971 GHz	-55.73 dBm	-42.73 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	16.52 dBm	-13.48 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-29.73 dBm	-16.73 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70185 GHz	-34.10 dBm	-21.10 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71292 GHz	-45.16 dBm	-20.16 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72579 GHz	-50.88 dBm	-10.88 dB

Date: 15.APR.2024 16:11:26

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65837 GHz	-50.58 dBm	-25.58 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-33.65 dBm	-20.65 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-37.98 dBm	-24.98 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68172 GHz	-4.15 dBm	-34.15 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-38.11 dBm	-25.11 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-34.12 dBm	-21.12 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71104 GHz	-46.68 dBm	-21.68 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72342 GHz	-51.04 dBm	-11.04 dB

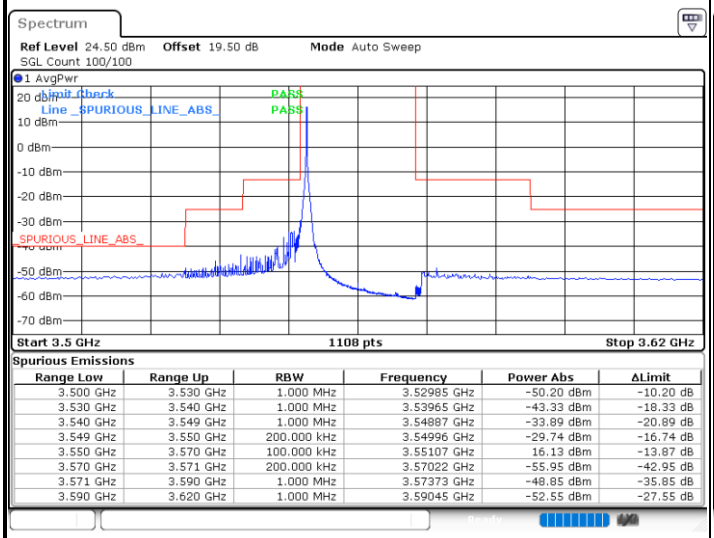
Date: 15.APR.2024 16:13:00

N/A

LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

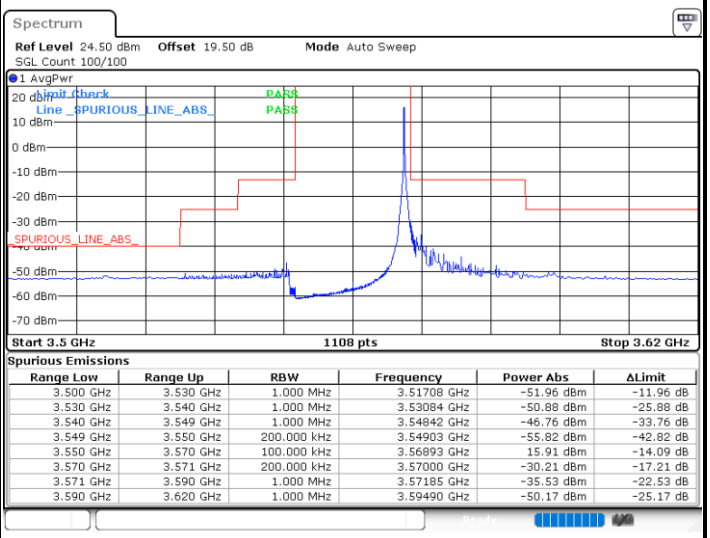


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-50.20 dBm	-10.20 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53965 GHz	-43.33 dBm	-18.33 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54887 GHz	-33.89 dBm	-20.89 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54996 GHz	-29.74 dBm	-16.74 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	16.13 dBm	-13.87 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57022 GHz	-55.95 dBm	-42.95 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57373 GHz	-48.85 dBm	-35.85 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59045 GHz	-52.55 dBm	-27.55 dB

Date: 15.APR.2024 15:36:37

Lowest Channel / 1RBmax

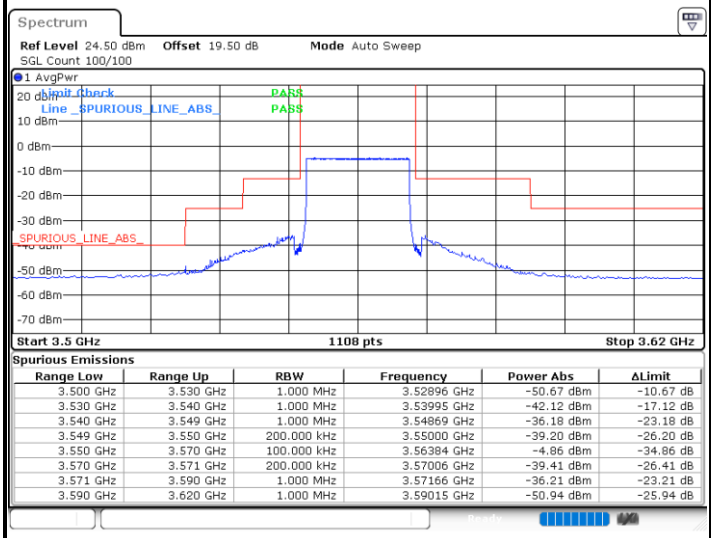


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51708 GHz	-51.96 dBm	-11.96 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53084 GHz	-50.88 dBm	-25.88 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54842 GHz	-46.76 dBm	-33.76 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54903 GHz	-55.82 dBm	-42.82 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	15.91 dBm	-14.09 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-30.21 dBm	-17.21 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57185 GHz	-35.53 dBm	-22.53 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59490 GHz	-50.17 dBm	-25.17 dB

Date: 15.APR.2024 15:41:19

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	-50.67 dBm	-10.67 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-42.12 dBm	-17.12 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54869 GHz	-36.18 dBm	-23.18 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-39.20 dBm	-26.20 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56384 GHz	-4.86 dBm	-34.86 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57006 GHz	-39.41 dBm	-26.41 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57166 GHz	-36.21 dBm	-23.21 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-50.94 dBm	-25.94 dB

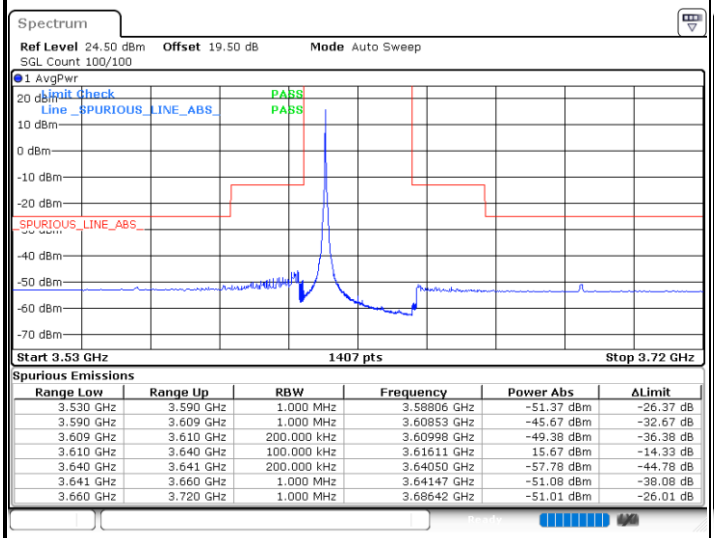
Date: 15.APR.2024 15:46:01

N/A

LTE Band 48 / 20MHz

16QAM

Middle Channel / 1RB0

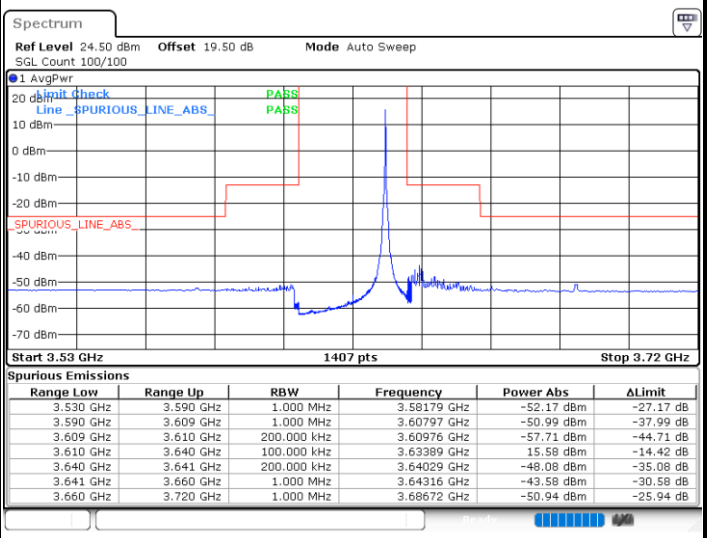


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58806 GHz	-51.37 dBm	-26.37 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60853 GHz	-45.67 dBm	-32.67 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60998 GHz	-49.38 dBm	-36.38 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	15.67 dBm	-14.33 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64050 GHz	-57.78 dBm	-44.78 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64147 GHz	-51.08 dBm	-38.08 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68642 GHz	-51.01 dBm	-26.01 dB

Date: 15.APR.2024 16:00:29

Middle Channel / 1RBmax

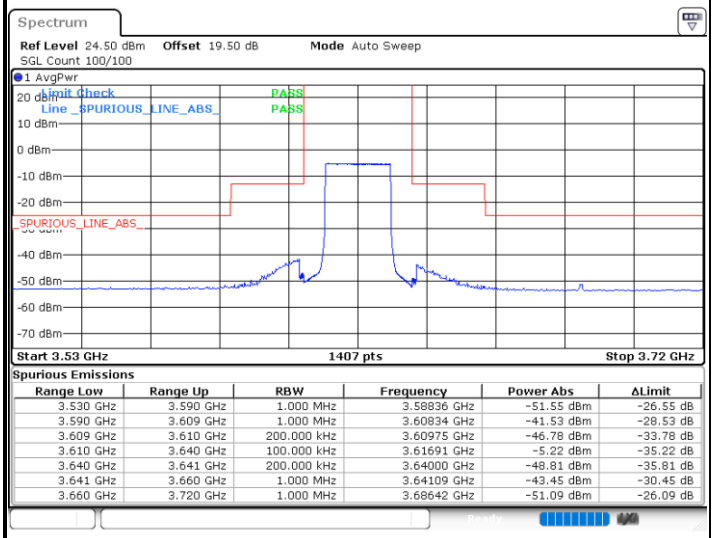


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58179 GHz	-52.17 dBm	-27.17 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60797 GHz	-50.99 dBm	-37.99 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60976 GHz	-57.71 dBm	-44.71 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63389 GHz	15.58 dBm	-14.42 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64029 GHz	-48.08 dBm	-35.08 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64316 GHz	-43.58 dBm	-30.58 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68672 GHz	-50.94 dBm	-25.94 dB

Date: 15.APR.2024 15:55:39

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58836 GHz	-51.55 dBm	-26.55 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60834 GHz	-41.53 dBm	-28.53 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60975 GHz	-46.78 dBm	-33.78 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61691 GHz	-5.22 dBm	-35.22 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64000 GHz	-48.81 dBm	-35.81 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-43.45 dBm	-30.45 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68642 GHz	-51.09 dBm	-26.09 dB

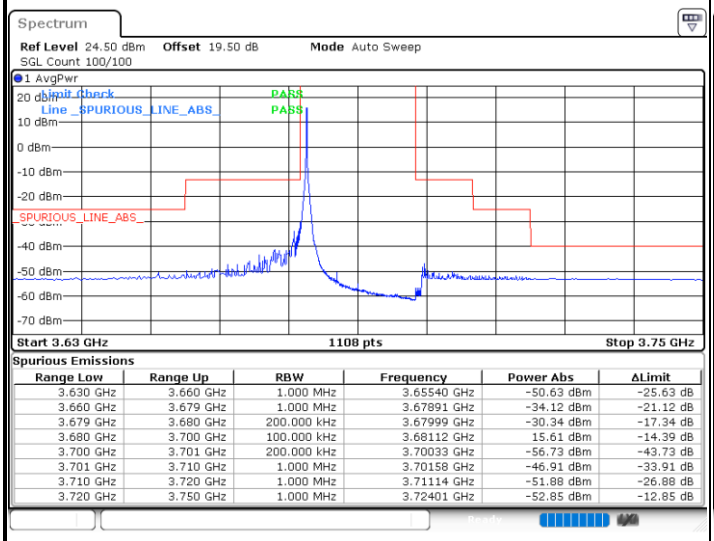
Date: 15.APR.2024 15:50:49

N/A

LTE Band 48 / 20MHz

16QAM

Highest Channel / 1RB0

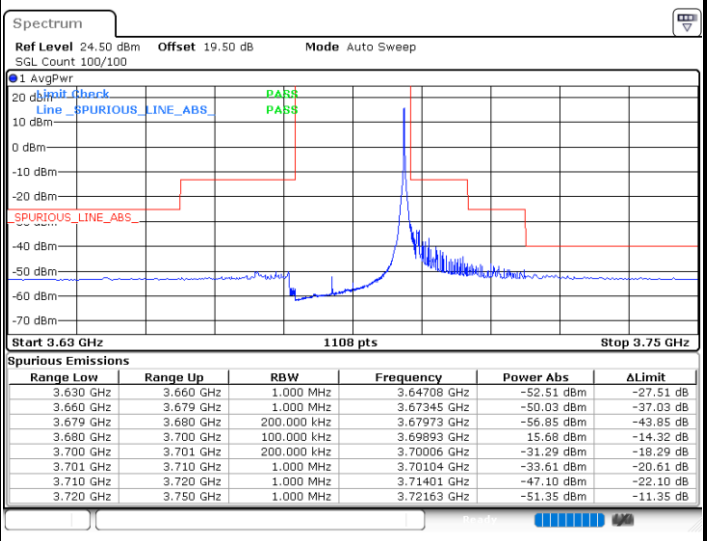


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65540 GHz	-50.63 dBm	-25.63 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-34.12 dBm	-21.12 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-30.34 dBm	-17.34 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68112 GHz	15.61 dBm	-14.39 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70033 GHz	-56.73 dBm	-43.73 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70158 GHz	-46.91 dBm	-33.91 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71114 GHz	-51.88 dBm	-26.88 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72401 GHz	-52.85 dBm	-12.85 dB

Date: 15.APR.2024 16:05:12

Highest Channel / 1RBmax

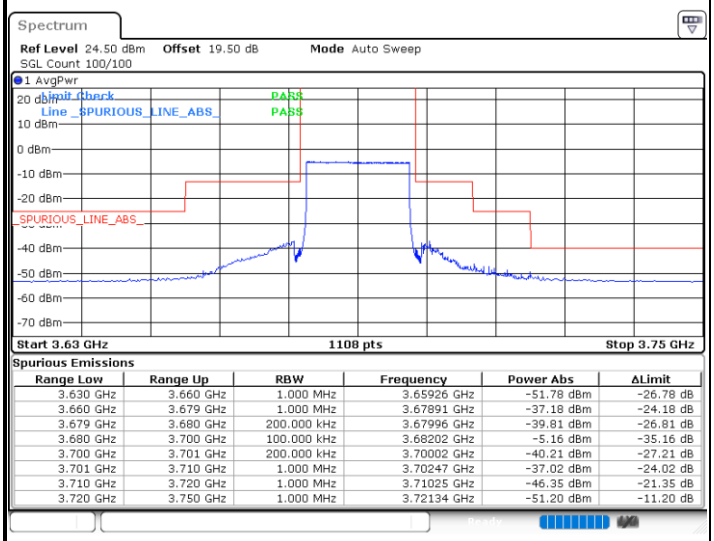


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64708 GHz	-52.51 dBm	-27.51 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67345 GHz	-50.03 dBm	-37.03 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67973 GHz	-56.85 dBm	-43.85 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	15.68 dBm	-14.32 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70006 GHz	-31.29 dBm	-18.29 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-33.61 dBm	-20.61 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71401 GHz	-47.10 dBm	-22.10 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72163 GHz	-51.35 dBm	-11.35 dB

Date: 15.APR.2024 16:09:53

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	-51.78 dBm	-26.78 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-37.18 dBm	-24.18 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67996 GHz	-39.81 dBm	-26.81 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68202 GHz	-5.16 dBm	-35.16 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70002 GHz	-40.21 dBm	-27.21 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70247 GHz	-37.02 dBm	-24.02 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71025 GHz	-46.35 dBm	-21.35 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72134 GHz	-51.20 dBm	-11.20 dB

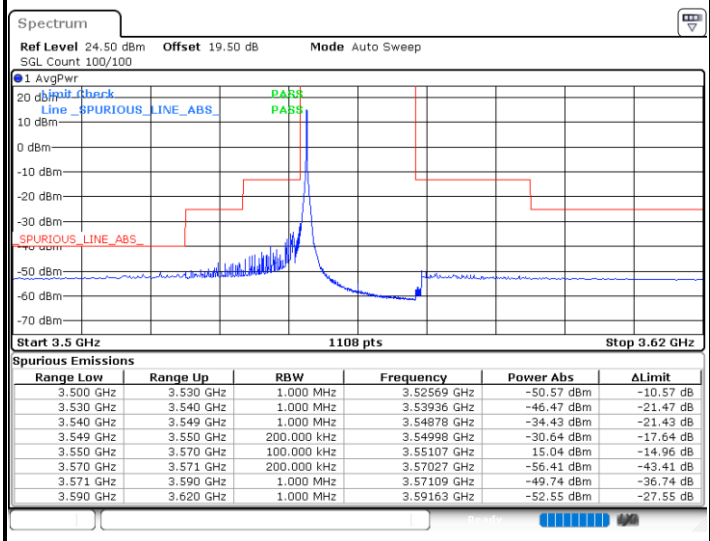
Date: 15.APR.2024 16:14:33

N/A

LTE Band 48 / 20MHz

64QAM

Lowest Channel / 1RB0

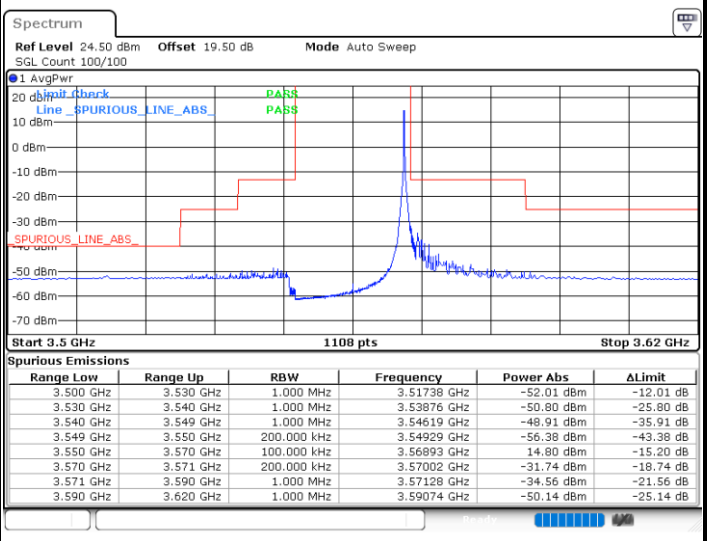


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52569 GHz	-50.57 dBm	-10.57 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53936 GHz	-46.47 dBm	-21.47 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-34.43 dBm	-21.43 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54998 GHz	-30.64 dBm	-17.64 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	15.04 dBm	-14.96 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57027 GHz	-56.41 dBm	-43.41 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-49.74 dBm	-36.74 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59163 GHz	-52.55 dBm	-27.55 dB

Date: 15.APR.2024 15:38:11

Lowest Channel / 1RBmax

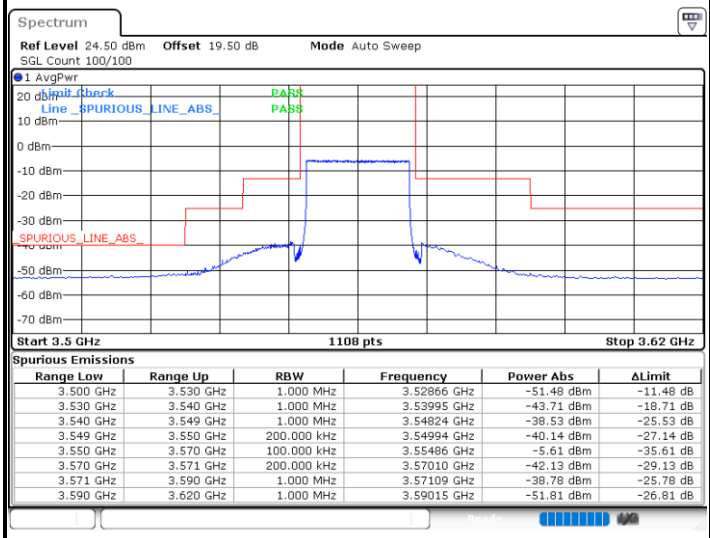


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51738 GHz	-52.01 dBm	-12.01 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53876 GHz	-50.80 dBm	-25.80 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54619 GHz	-48.91 dBm	-35.91 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54929 GHz	-56.38 dBm	-43.38 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	14.80 dBm	-15.20 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57002 GHz	-31.74 dBm	-18.74 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-34.56 dBm	-21.56 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59074 GHz	-50.14 dBm	-25.14 dB

Date: 15.APR.2024 15:39:45

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52866 GHz	-51.48 dBm	-11.48 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-43.71 dBm	-18.71 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54824 GHz	-38.53 dBm	-25.53 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54994 GHz	-40.14 dBm	-27.14 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55486 GHz	-5.61 dBm	-35.61 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57010 GHz	-42.13 dBm	-29.13 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-38.78 dBm	-25.78 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-51.81 dBm	-26.81 dB

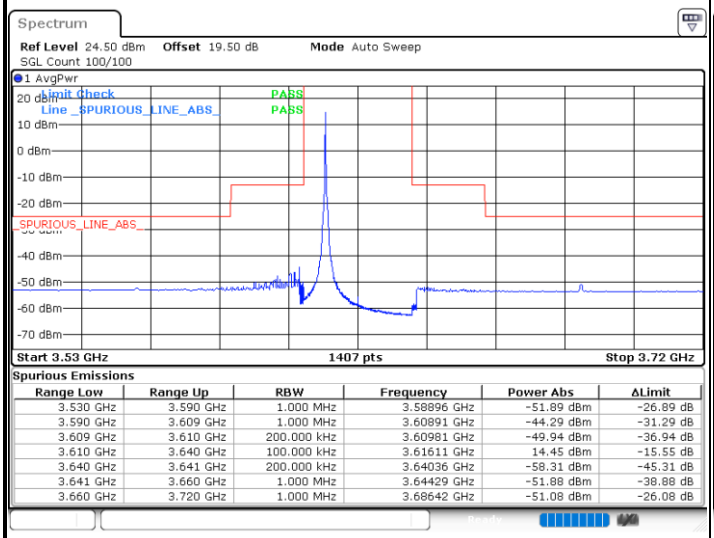
Date: 15.APR.2024 15:47:35

N/A

LTE Band 48 / 20MHz

64QAM

Middle Channel / 1RB0

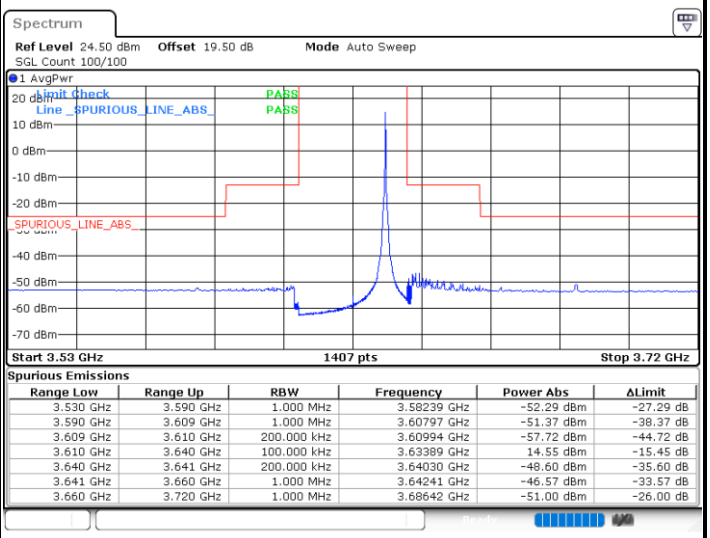


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58896 GHz	-51.89 dBm	-26.89 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-44.29 dBm	-31.29 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60981 GHz	-49.94 dBm	-36.94 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	14.45 dBm	-15.55 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64036 GHz	-58.31 dBm	-45.31 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64429 GHz	-51.88 dBm	-38.88 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68642 GHz	-51.08 dBm	-26.08 dB

Date: 15.APR.2024 15:58:52

Middle Channel / 1RBmax

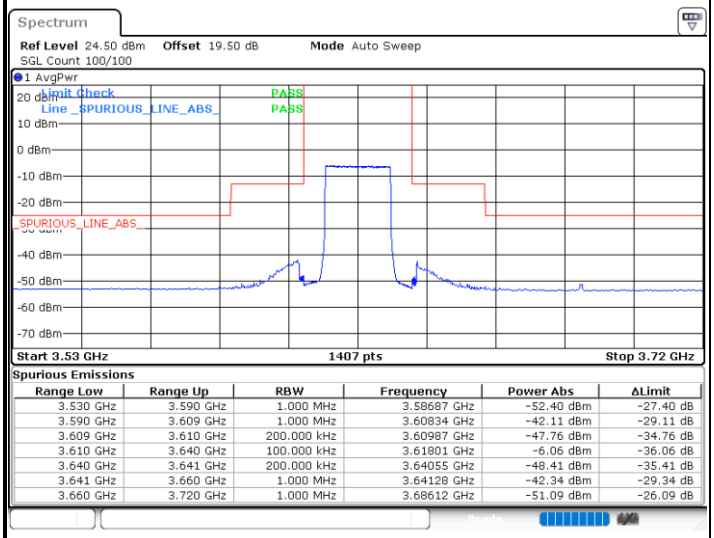


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58239 GHz	-52.29 dBm	-27.29 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60797 GHz	-51.37 dBm	-38.37 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60994 GHz	-57.72 dBm	-44.72 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63389 GHz	14.55 dBm	-15.45 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64030 GHz	-48.60 dBm	-35.60 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64241 GHz	-46.57 dBm	-33.57 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68642 GHz	-51.00 dBm	-26.00 dB

Date: 15.APR.2024 15:57:15

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	-52.40 dBm	-27.40 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60834 GHz	-42.11 dBm	-29.11 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60987 GHz	-47.76 dBm	-34.76 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61801 GHz	-6.06 dBm	-36.06 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64055 GHz	-48.41 dBm	-35.41 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-42.34 dBm	-29.34 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68612 GHz	-51.09 dBm	-26.09 dB

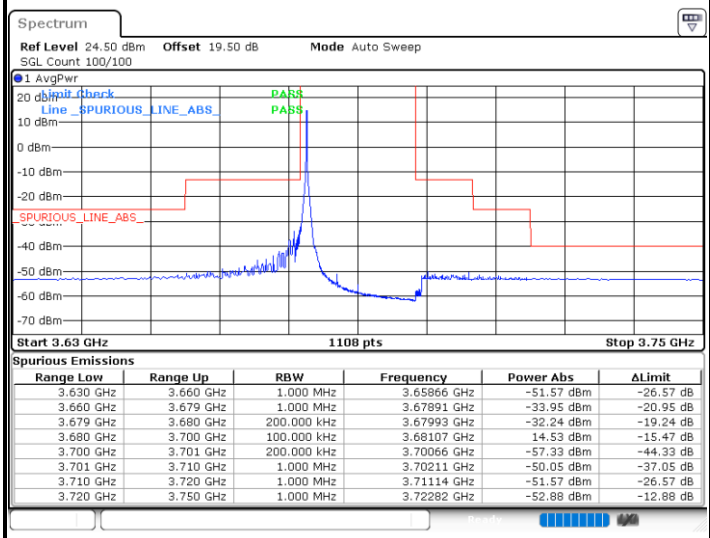
Date: 15.APR.2024 15:49:12

N/A

LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

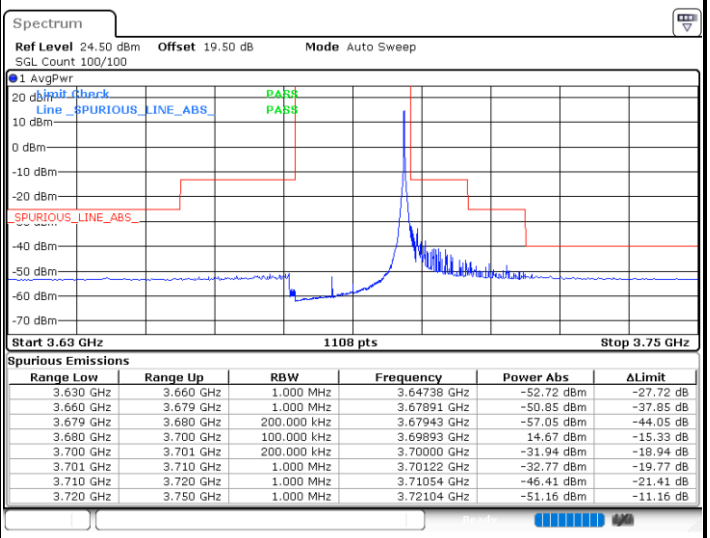


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65866 GHz	-51.57 dBm	-26.57 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-33.95 dBm	-20.95 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67993 GHz	-32.24 dBm	-19.24 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	14.53 dBm	-15.47 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70066 GHz	-57.33 dBm	-44.33 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70211 GHz	-50.05 dBm	-37.05 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71114 GHz	-51.57 dBm	-26.57 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72282 GHz	-52.88 dBm	-12.88 dB

Date: 15.APR.2024 16:06:46

Highest Channel / 1RBmax

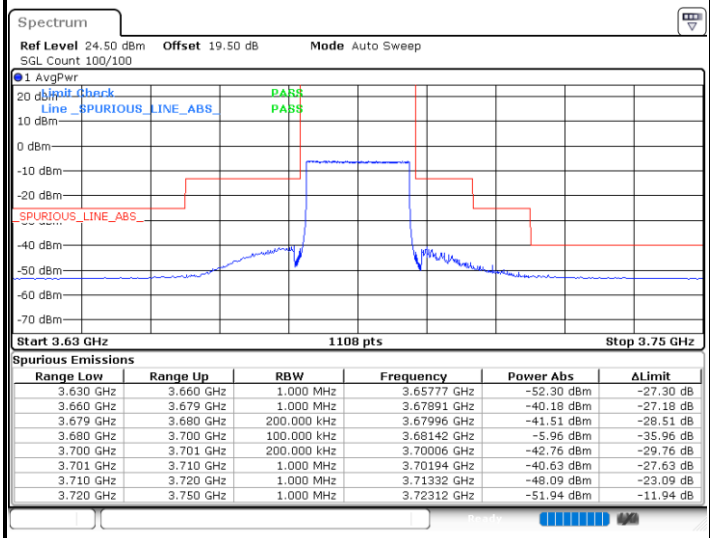


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64738 GHz	-52.72 dBm	-27.72 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-50.85 dBm	-37.85 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67943 GHz	-57.05 dBm	-44.05 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	14.67 dBm	-15.33 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-31.94 dBm	-18.94 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-32.77 dBm	-19.77 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71054 GHz	-46.41 dBm	-21.41 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72104 GHz	-51.16 dBm	-11.16 dB

Date: 15.APR.2024 16:08:19

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65777 GHz	-52.30 dBm	-27.30 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-40.18 dBm	-27.18 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67996 GHz	-41.51 dBm	-28.51 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68142 GHz	-5.96 dBm	-35.96 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70006 GHz	-42.76 dBm	-29.76 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70194 GHz	-40.63 dBm	-27.63 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71332 GHz	-48.09 dBm	-23.09 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72312 GHz	-51.94 dBm	-11.94 dB

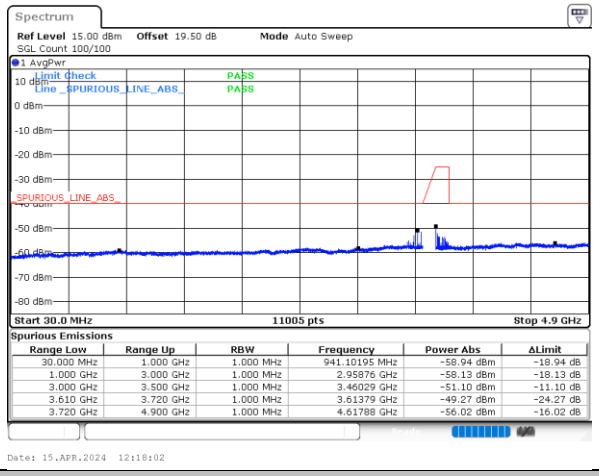
Date: 15.APR.2024 16:16:07

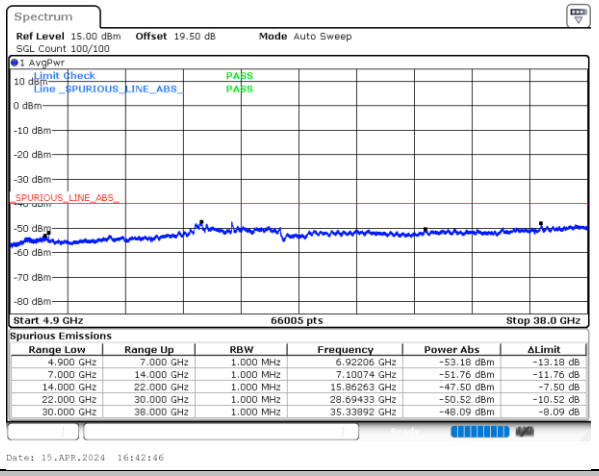
N/A

A2.5 Conducted Spurious Emission

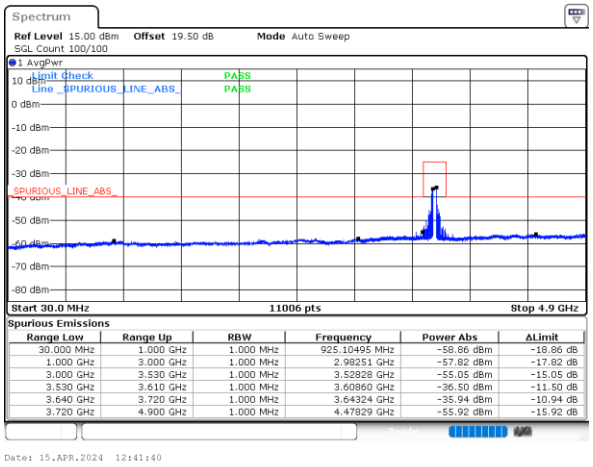
LTE Band 48 / 5MHz

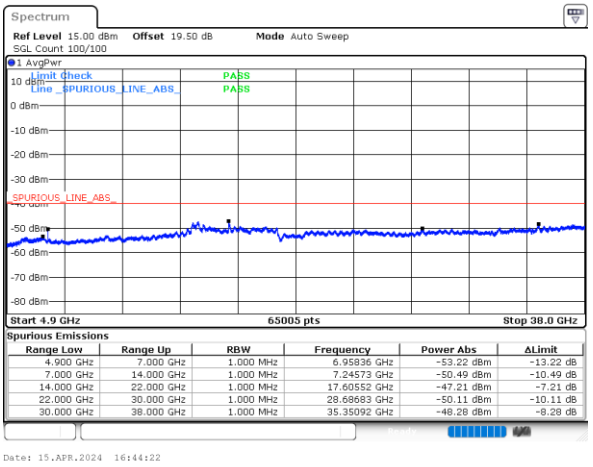
Lowest Channel / QPSK



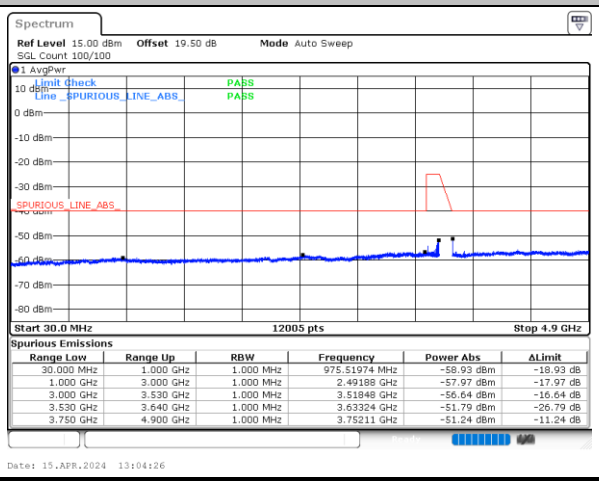


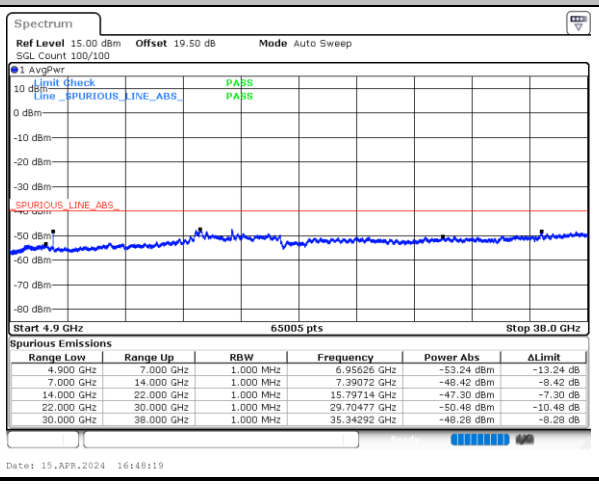
Middle Channel / QPSK





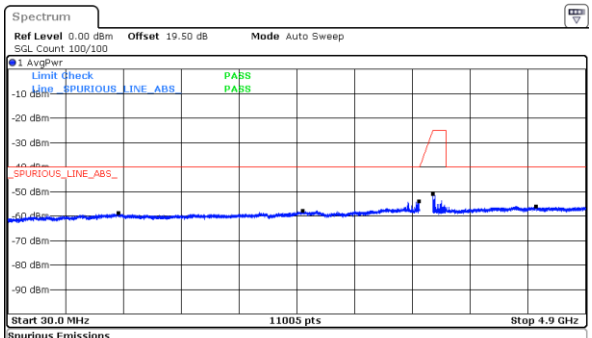
Highest Channel / QPSK





LTE Band 48 / 10MHz

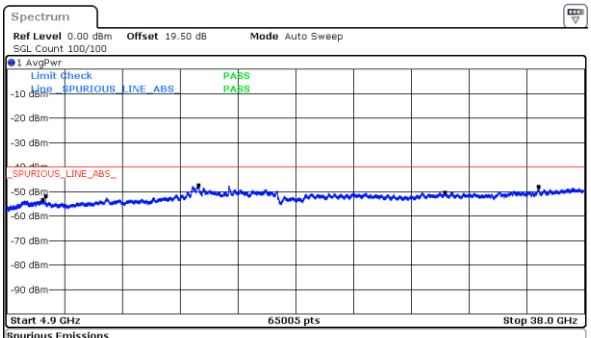
Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-58.90 dBm	-18.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51437 GHz	-57.92 dBm	-17.92 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49625 GHz	-54.00 dBm	-14.00 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.61104 GHz	-51.19 dBm	-26.19 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.47908 GHz	-56.08 dBm	-16.08 dB

Date: 15.APR.2024 13:28:50

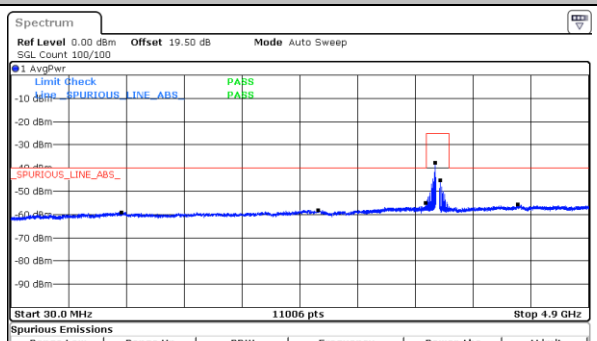


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.95347 GHz	-53.41 dBm	-13.41 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.10124 GHz	-52.04 dBm	-12.04 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.86513 GHz	-47.47 dBm	-7.47 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.98575 GHz	-50.33 dBm	-10.33 dB
30.000 GHz	38.000 GHz	1.000 MHz	35.34692 GHz	-48.06 dBm	-8.06 dB

Date: 15.APR.2024 16:36:56

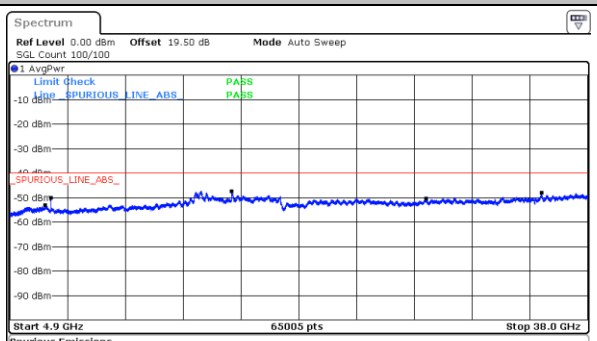
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-59.01 dBm	-19.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62069 GHz	-58.08 dBm	-18.08 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52536 GHz	-55.15 dBm	-15.15 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.60684 GHz	-37.64 dBm	-12.64 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64979 GHz	-45.24 dBm	-20.24 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.29938 GHz	-55.80 dBm	-15.80 dB

Date: 15.APR.2024 13:52:35

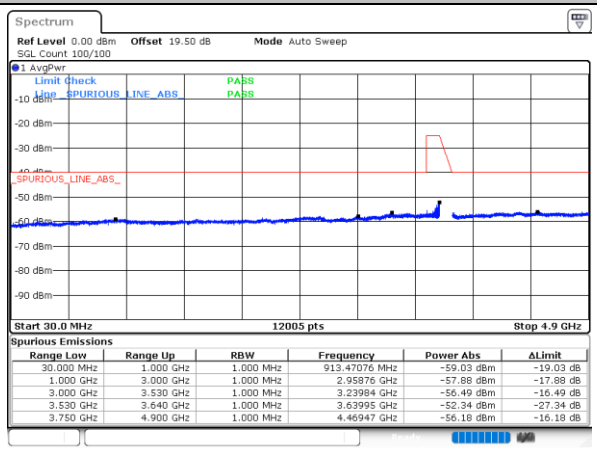


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.91288 GHz	-53.23 dBm	-13.23 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.24123 GHz	-50.09 dBm	-10.09 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.60152 GHz	-47.34 dBm	-7.34 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.73683 GHz	-50.46 dBm	-10.46 dB
30.000 GHz	38.000 GHz	1.000 MHz	35.34592 GHz	-48.07 dBm	-8.07 dB

Date: 15.APR.2024 16:39:01

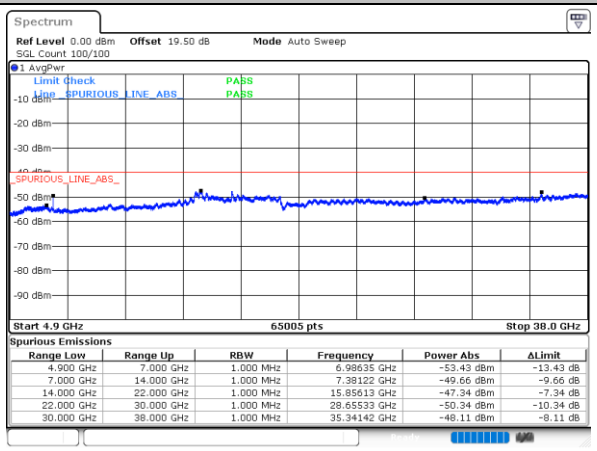
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.47076 MHz	-59.03 dBm	-19.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95876 GHz	-57.88 dBm	-17.88 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.23984 GHz	-56.49 dBm	-16.49 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.63995 GHz	-52.34 dBm	-27.34 dB
3.750 GHz	4.900 GHz	1.000 MHz	4.46947 GHz	-56.18 dBm	-16.18 dB

Date: 15.APR.2024 14:15:06



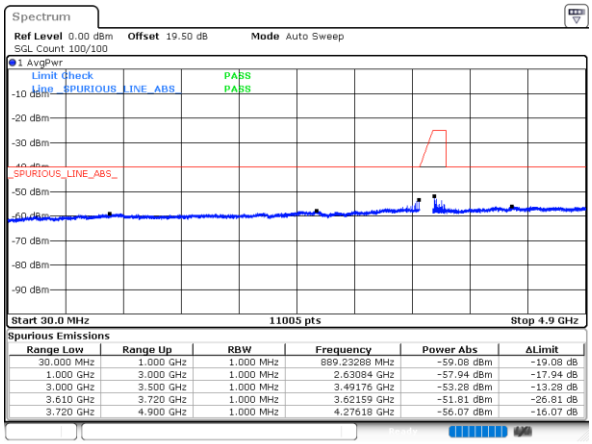
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.98635 GHz	-53.43 dBm	-13.43 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.38122 GHz	-49.66 dBm	-9.66 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.85613 GHz	-47.34 dBm	-7.34 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.65533 GHz	-50.34 dBm	-10.34 dB
30.000 GHz	38.000 GHz	1.000 MHz	35.34142 GHz	-48.11 dBm	-8.11 dB

Date: 15.APR.2024 16:40:59

LTE Band 48 / 15MHz

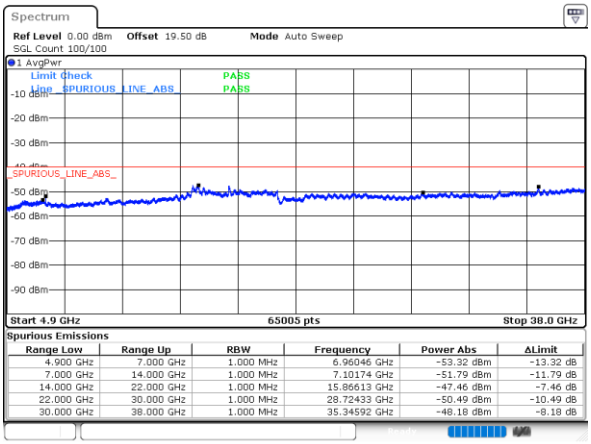
Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.23288 MHz	-59.08 dBm	-19.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63084 GHz	-57.94 dBm	-17.94 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49176 GHz	-53.28 dBm	-13.28 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.62159 GHz	-51.81 dBm	-26.81 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.27618 GHz	-56.07 dBm	-16.07 dB

Date: 15.APR.2024 14:39:31

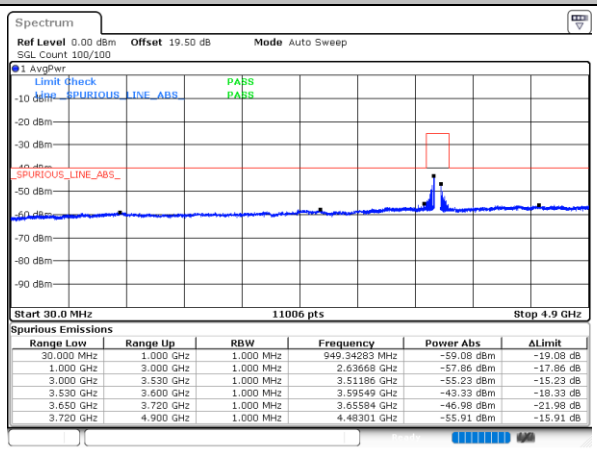


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.96046 GHz	-53.32 dBm	-13.32 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.10174 GHz	-51.79 dBm	-11.79 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.86613 GHz	-47.46 dBm	-7.46 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.72433 GHz	-50.49 dBm	-10.49 dB
30.000 GHz	38.000 GHz	1.000 MHz	35.34592 GHz	-48.18 dBm	-8.18 dB

Date: 15.APR.2024 16:31:08

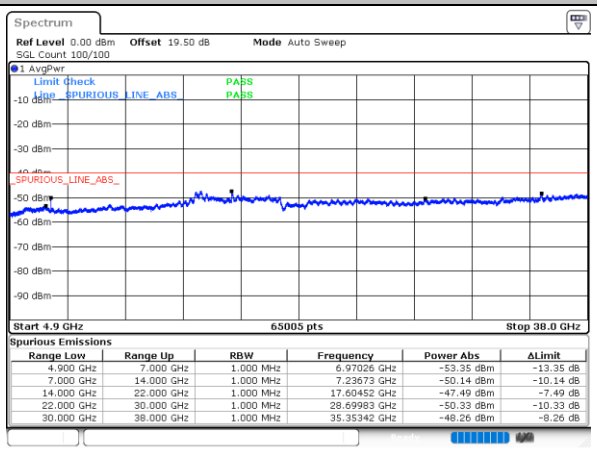
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-59.08 dBm	-19.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63668 GHz	-57.86 dBm	-17.86 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.51186 GHz	-55.23 dBm	-15.23 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.59549 GHz	-43.33 dBm	-18.33 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.65584 GHz	-46.98 dBm	-21.98 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.48301 GHz	-55.91 dBm	-15.91 dB

Date: 15.APR.2024 15:03:52

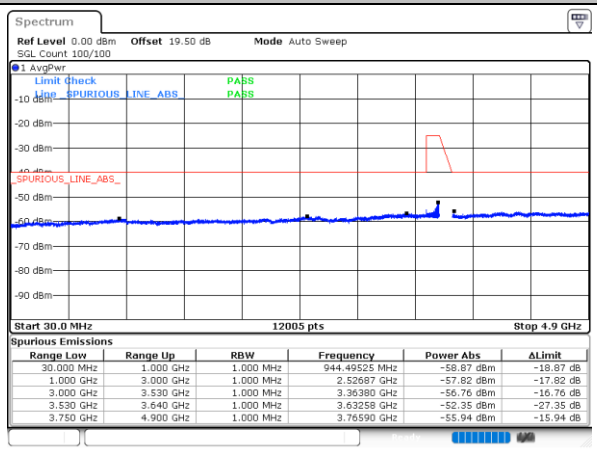


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.97026 GHz	-53.35 dBm	-13.35 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.23673 GHz	-50.14 dBm	-10.14 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.60452 GHz	-47.49 dBm	-7.49 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.69993 GHz	-50.33 dBm	-10.33 dB
30.000 GHz	38.000 GHz	1.000 MHz	35.35342 GHz	-48.26 dBm	-8.26 dB

Date: 15.APR.2024 16:32:53

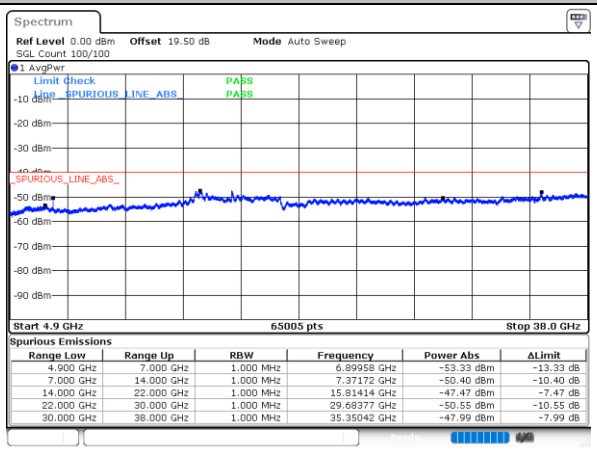
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.49525 MHz	-58.87 dBm	-18.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52687 GHz	-57.82 dBm	-17.82 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.36380 GHz	-56.76 dBm	-16.76 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.63258 GHz	-52.35 dBm	-27.35 dB
3.750 GHz	4.900 GHz	1.000 MHz	3.76590 GHz	-55.94 dBm	-15.94 dB

Date: 15.APR.2024 15:26:24



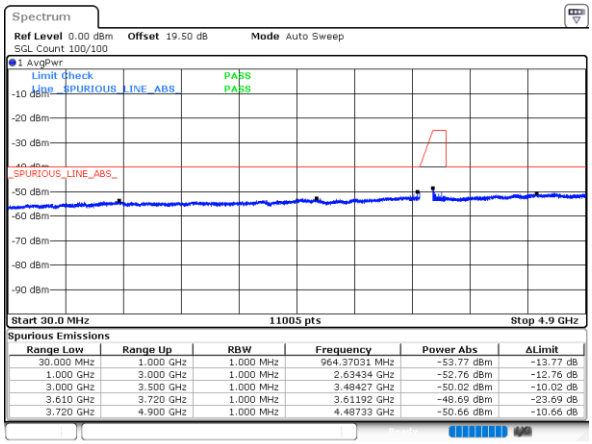
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.89958 GHz	-53.33 dBm	-13.33 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.37172 GHz	-50.40 dBm	-10.40 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.81414 GHz	-47.47 dBm	-7.47 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.68377 GHz	-50.55 dBm	-10.55 dB
30.000 GHz	38.000 GHz	1.000 MHz	35.35042 GHz	-47.99 dBm	-7.99 dB

Date: 15.APR.2024 16:34:52

LTE Band 48 / 20MHz

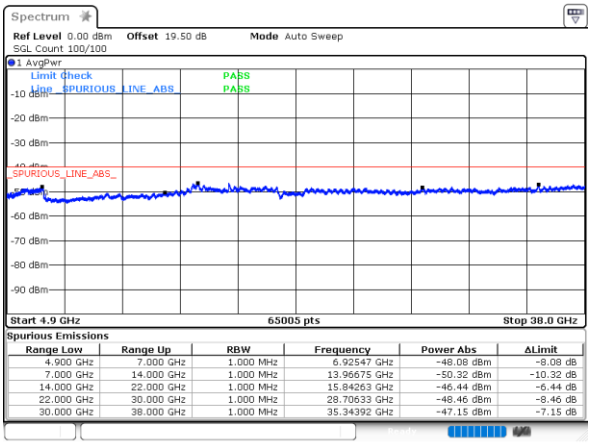
Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-53.77 dBm	-13.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63434 GHz	-52.76 dBm	-12.76 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.48427 GHz	-50.02 dBm	-10.02 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.61192 GHz	-48.69 dBm	-23.69 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.48733 GHz	-50.66 dBm	-10.66 dB

Date: 15.APR.2024 16:23:56

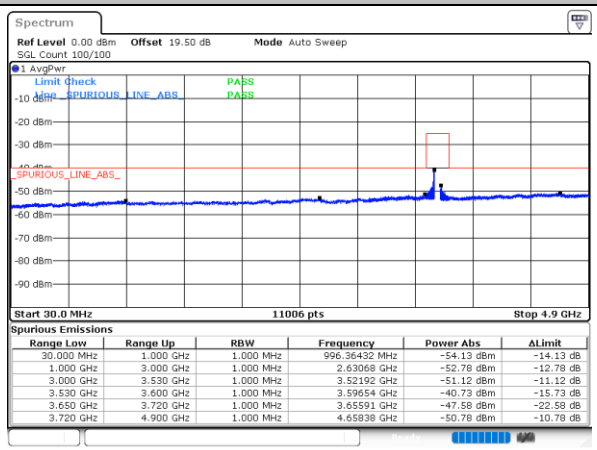


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.92547 GHz	-48.08 dBm	-8.08 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.96675 GHz	-50.32 dBm	-10.32 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.84263 GHz	-46.44 dBm	-6.44 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.70633 GHz	-48.46 dBm	-8.46 dB
30.000 GHz	38.000 GHz	1.000 MHz	35.34392 GHz	-47.15 dBm	-7.15 dB

Date: 15.APR.2024 16:25:13

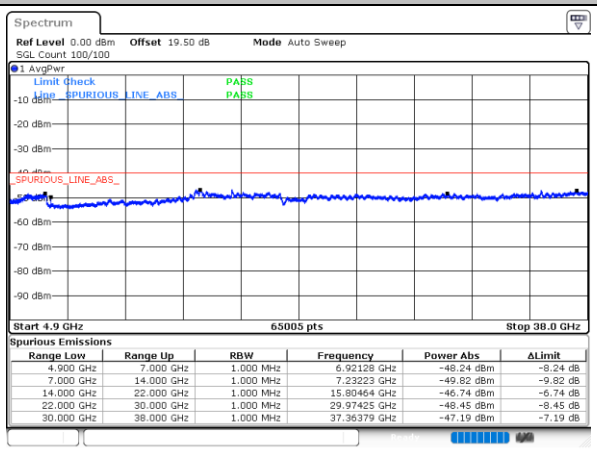
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-54.13 dBm	-14.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63068 GHz	-52.78 dBm	-12.78 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52192 GHz	-51.12 dBm	-11.12 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.59654 GHz	-40.73 dBm	-15.73 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.65591 GHz	-47.58 dBm	-22.58 dB
3.720 GHz	4.900 GHz	1.000 MHz	4.65838 GHz	-50.78 dBm	-10.78 dB

Date: 14.APR.2024 18:41:34

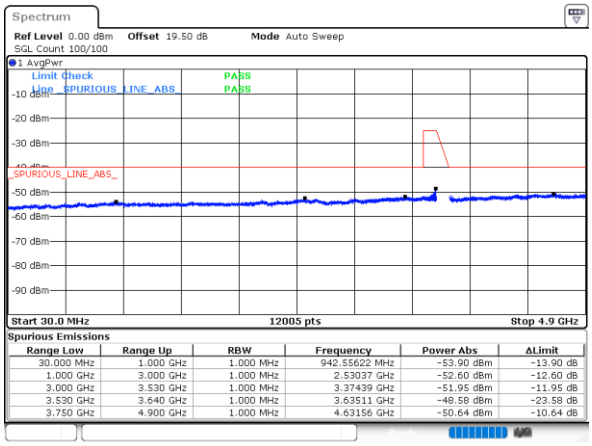


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.92128 GHz	-48.24 dBm	-8.24 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.23223 GHz	-49.82 dBm	-9.82 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.80464 GHz	-46.74 dBm	-6.74 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.97425 GHz	-48.45 dBm	-8.45 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.36379 GHz	-47.19 dBm	-7.19 dB

Date: 14.APR.2024 18:42:37

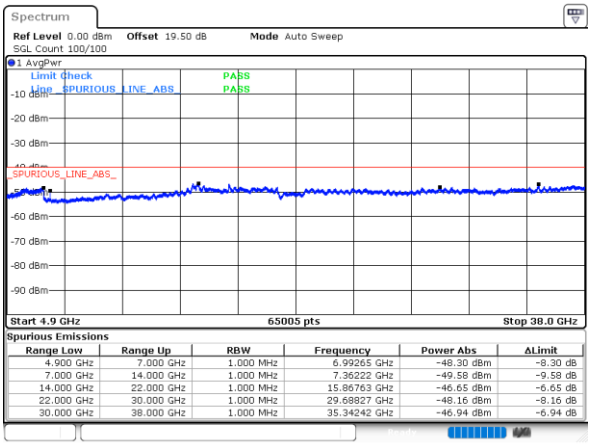
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-53.90 dBm	-13.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53037 GHz	-52.60 dBm	-12.60 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.37439 GHz	-51.95 dBm	-11.95 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.63511 GHz	-48.58 dBm	-23.58 dB
3.750 GHz	4.900 GHz	1.000 MHz	4.63156 GHz	-50.64 dBm	-10.64 dB

Date: 14.APR.2024 19:04:28



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
4.900 GHz	7.000 GHz	1.000 MHz	6.99265 GHz	-48.30 dBm	-8.30 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.36222 GHz	-49.58 dBm	-9.58 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.86763 GHz	-46.65 dBm	-6.65 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.68827 GHz	-48.16 dBm	-8.16 dB
30.000 GHz	38.000 GHz	1.000 MHz	35.34242 GHz	-46.94 dBm	-6.94 dB

Date: 14.APR.2024 19:05:31

A2.6 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	0.0004	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 12 V. ; Battery End Point (ACLRP) = 10.8 V. ; Maximum Voltage = 13.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

A3. LTE Band 48C

A3.1 26dB Bandwidth

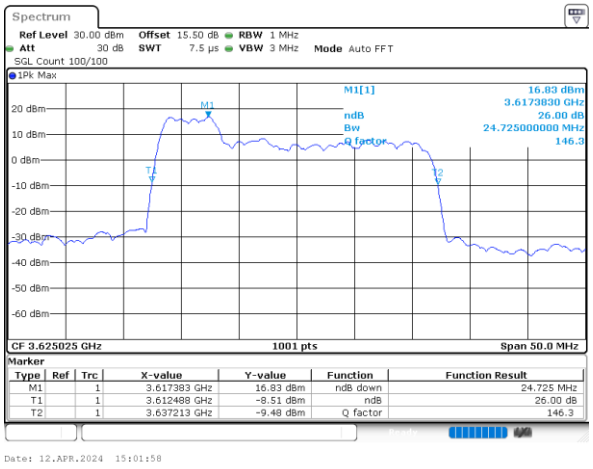
Mode	LTE Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.73	29.97	34.90	24.88
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.91	34.97	39.80	-

Mode	LTE Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.73	29.79	34.76	25.03
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.90	39.96	-

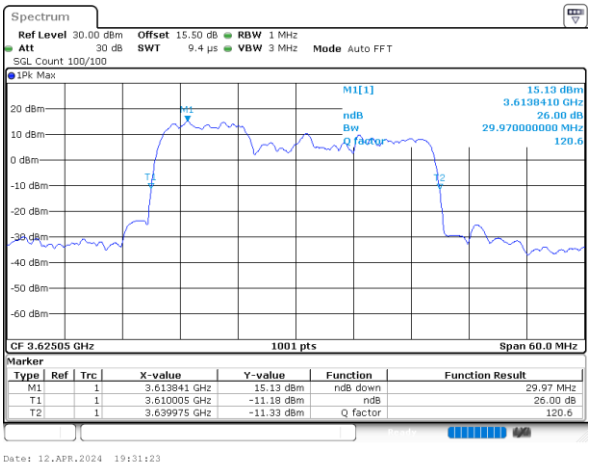
LTE Band 48C

QPSK

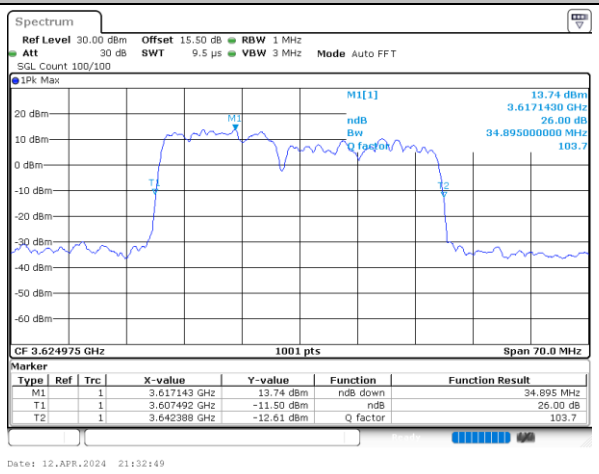
Middle Channel / 5MHz+20MHz



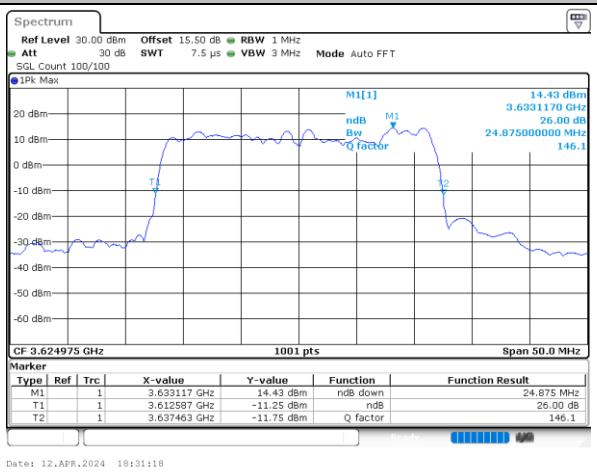
Middle Channel / 10MHz+20MHz



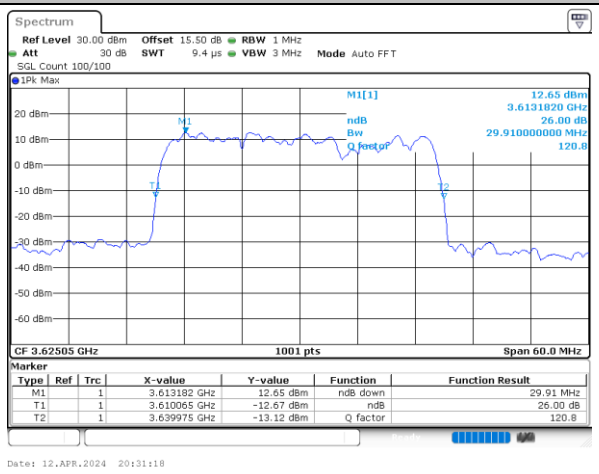
Middle Channel / 15MHz+20MHz



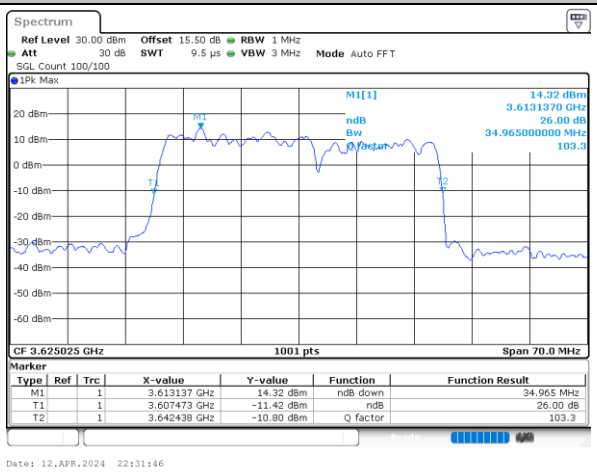
Middle Channel / 20MHz+5MHz

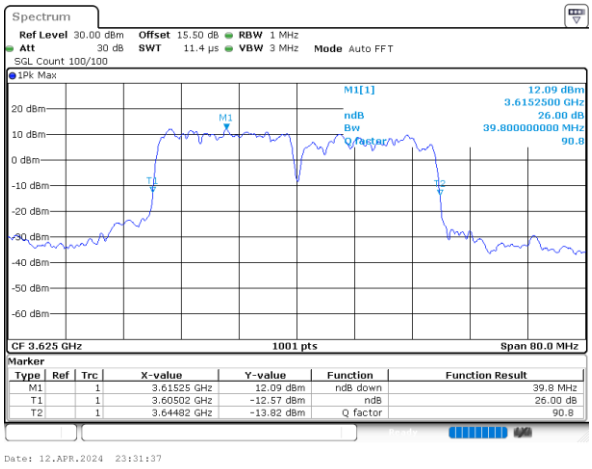


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz

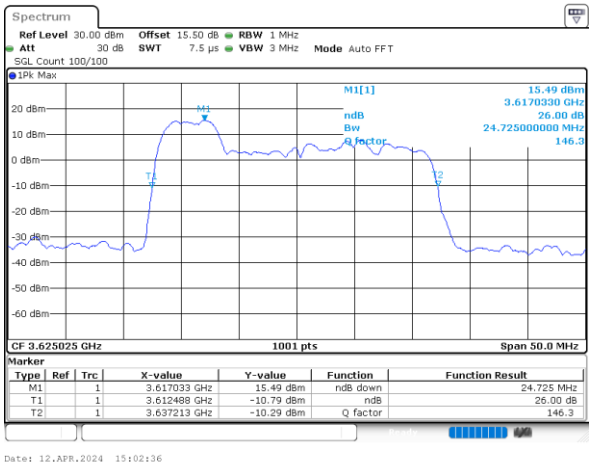


LTE Band 48C	
QPSK	
Middle Channel / 20MHz+20MHz	N/A
	

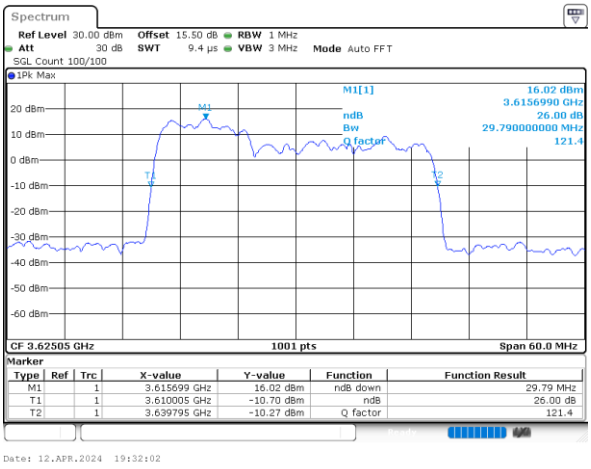
LTE Band 48C

16QAM

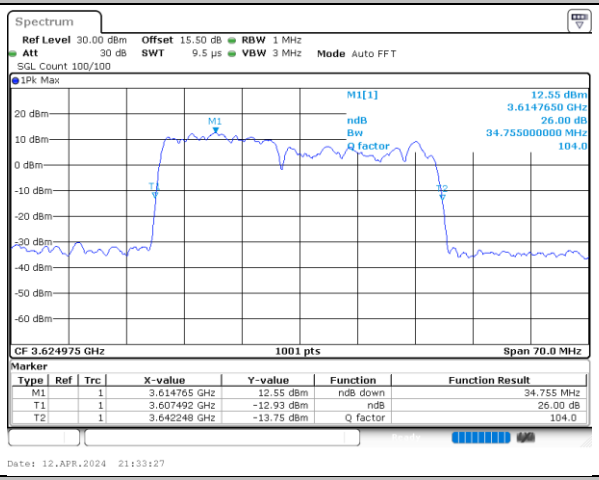
Middle Channel / 5MHz+20MHz



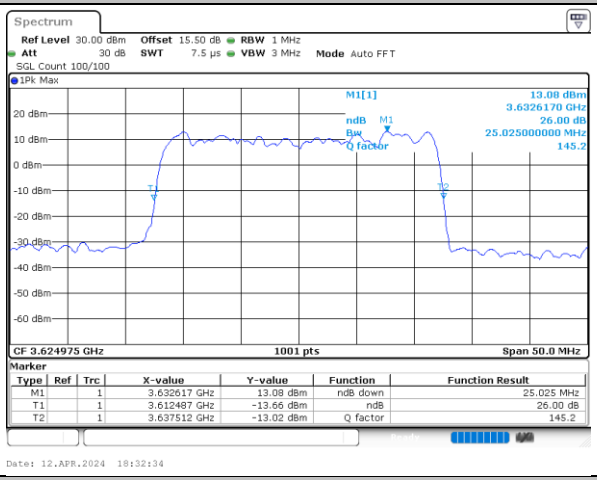
Middle Channel / 10MHz+20MHz



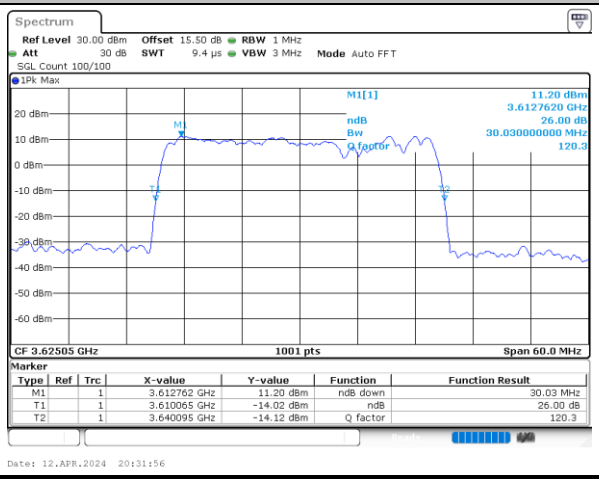
Middle Channel / 15MHz+20MHz



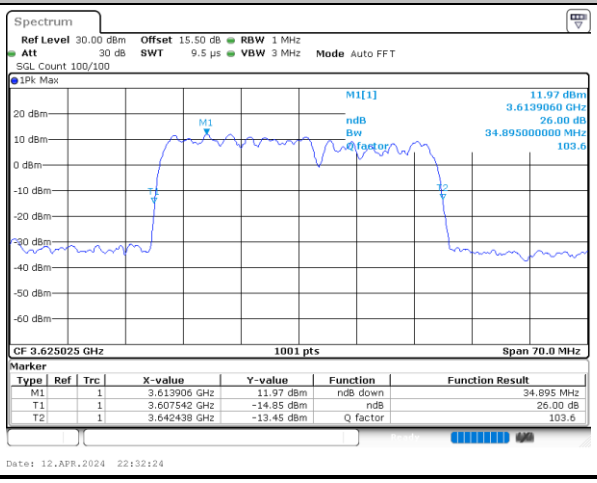
Middle Channel / 20MHz+5MHz

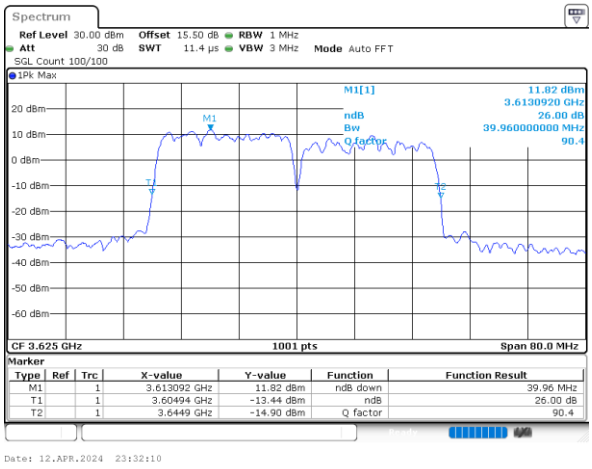


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



LTE Band 48C	
16QAM	
Middle Channel / 20MHz+20MHz	N/A
	

A3.2 Occupied Bandwidth

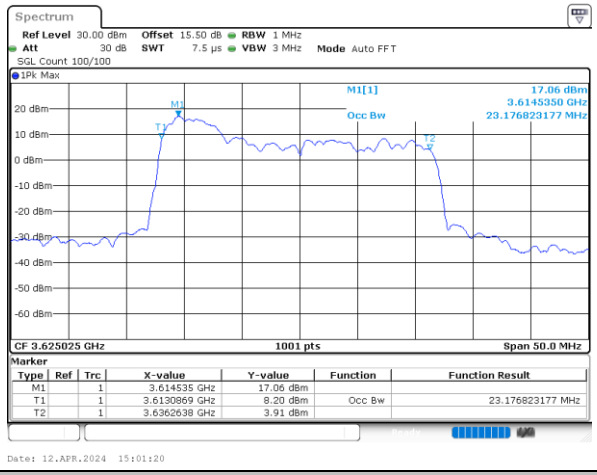
Mode	LTE Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.18	27.93	32.66	23.33
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.80	37.72	-

Mode	LTE Band 48C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.13	27.75	32.45	23.18
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	33.01	37.80	-

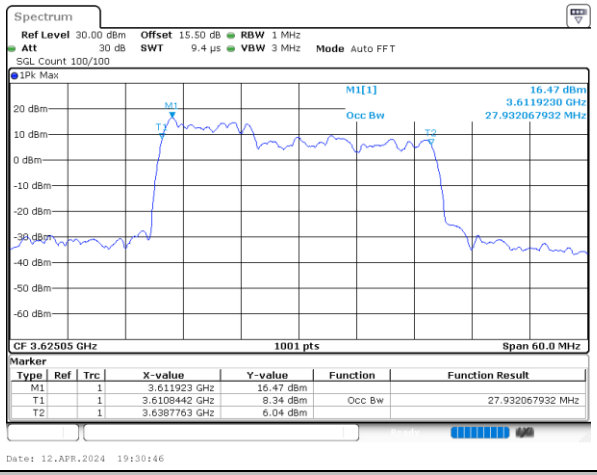
LTE Band 48C

QPSK

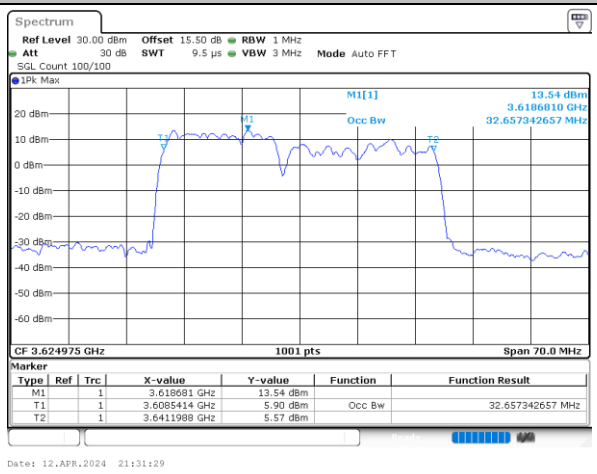
Middle Channel / 5MHz+20MHz



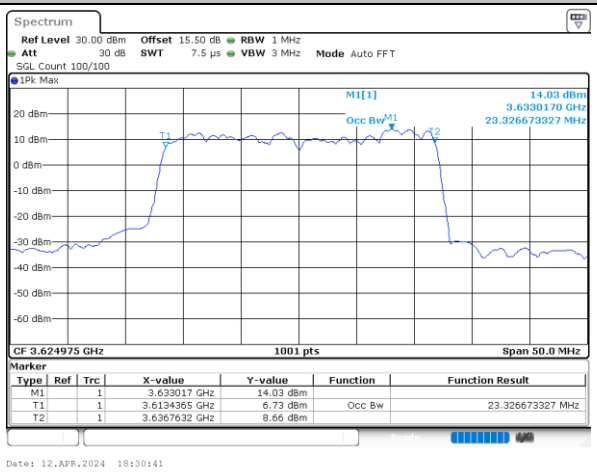
Middle Channel / 10MHz+20MHz



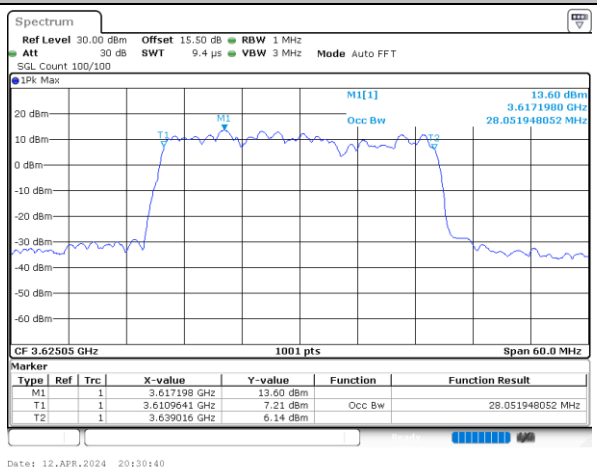
Middle Channel / 15MHz+20MHz



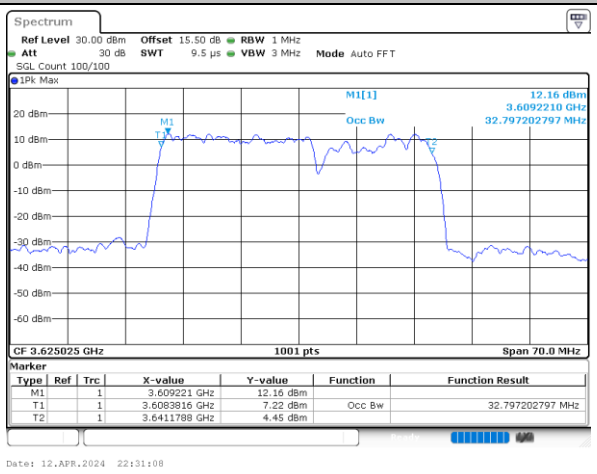
Middle Channel / 20MHz+5MHz

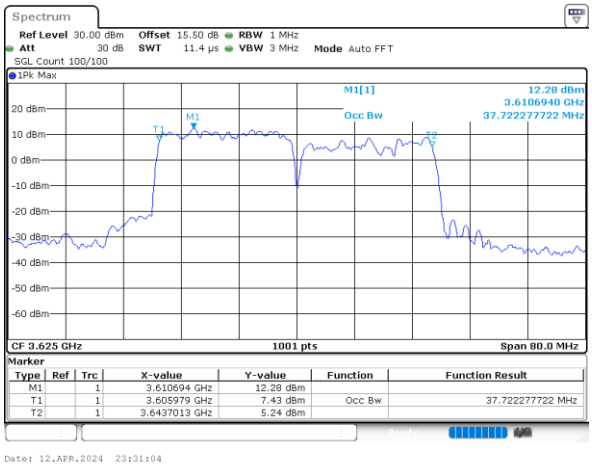


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz

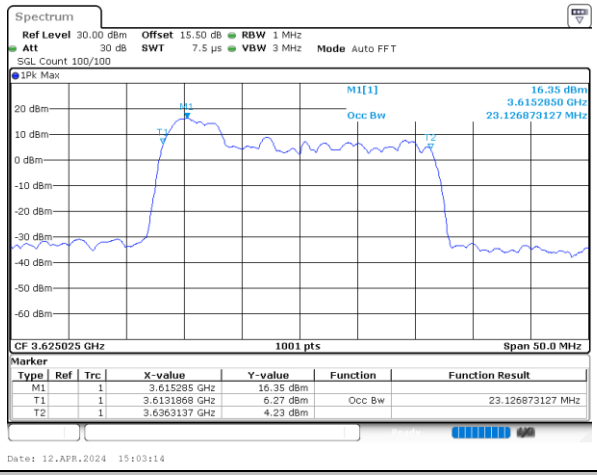


LTE Band 48C	
QPSK	
Middle Channel / 20MHz+20MHz	N/A
	

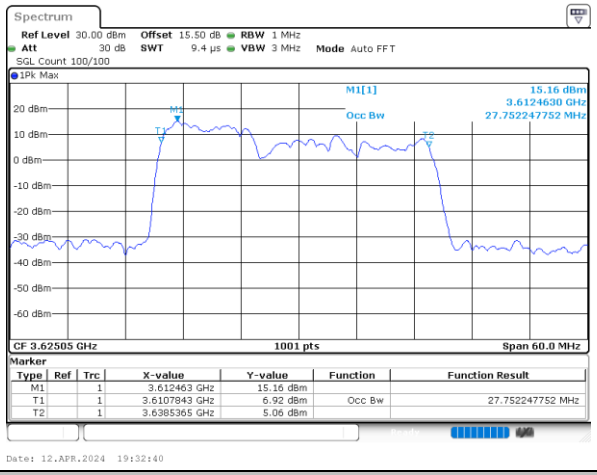
LTE Band 48C

16QAM

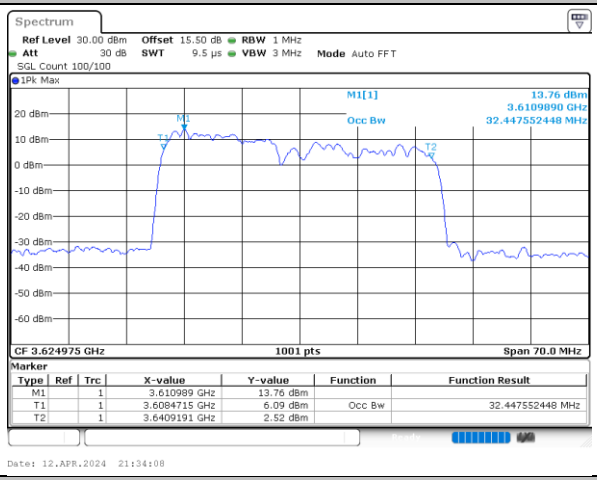
Middle Channel / 5MHz+20MHz



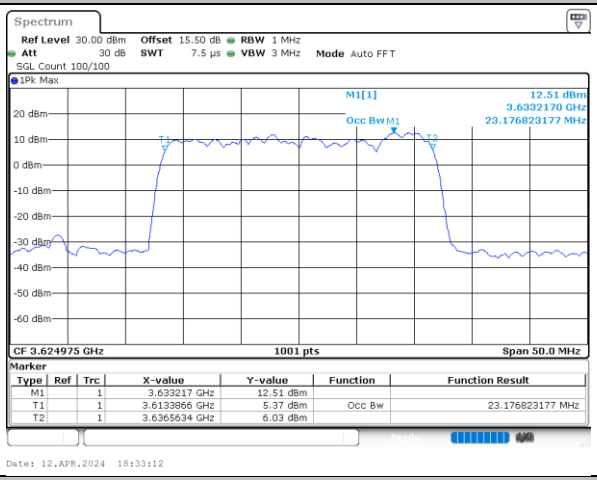
Middle Channel / 10MHz+20MHz



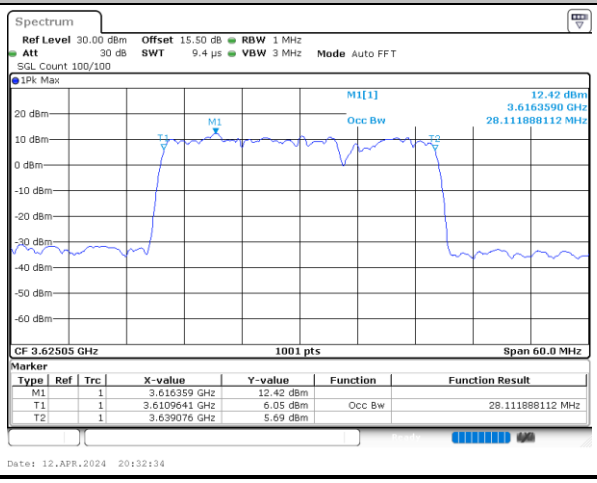
Middle Channel / 15MHz+20MHz



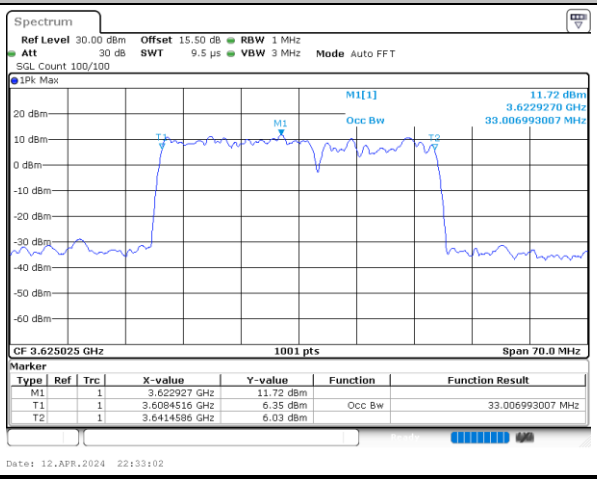
Middle Channel / 20MHz+5MHz

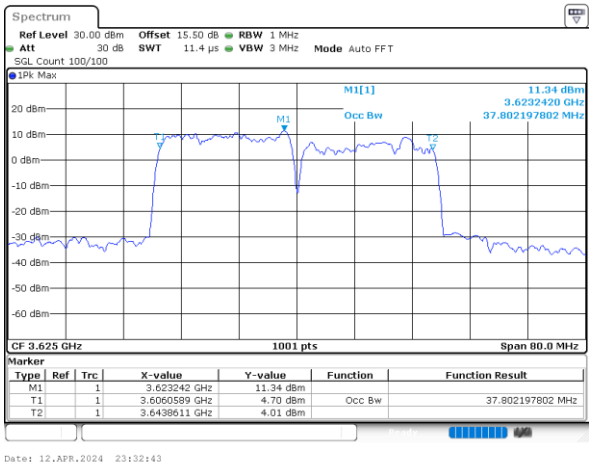


Middle Channel / 20MHz+10MHz



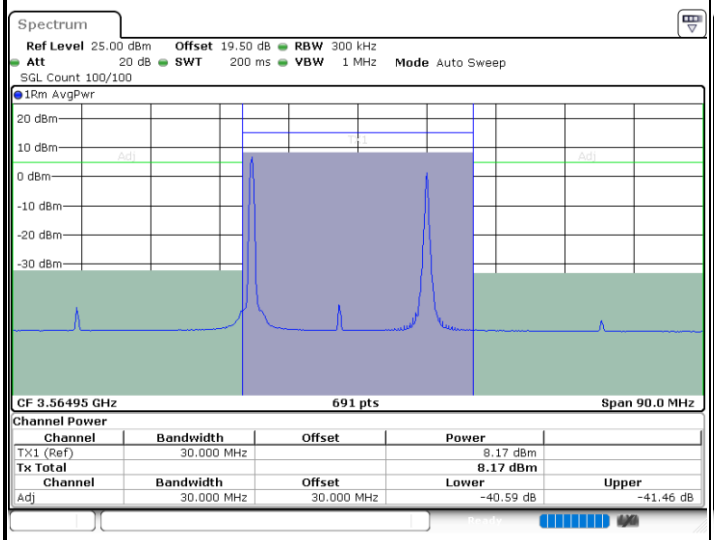
Middle Channel / 20MHz+15MHz

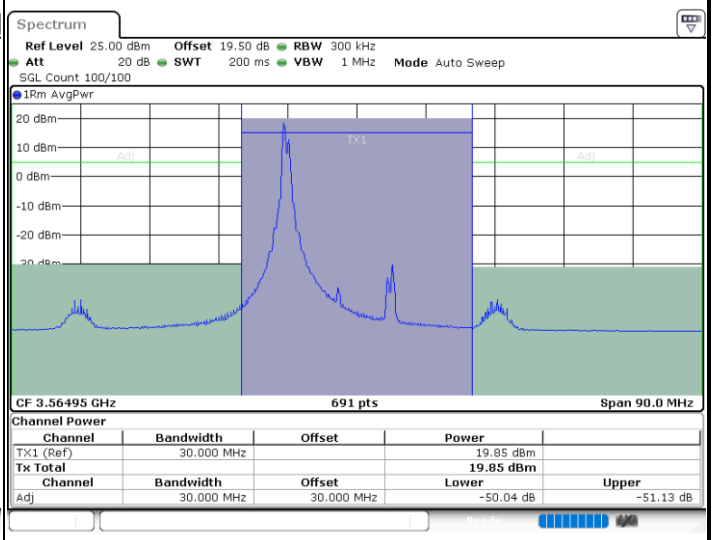


LTE Band 48C	
16QAM	
Middle Channel / 20MHz+20MHz	N/A
	

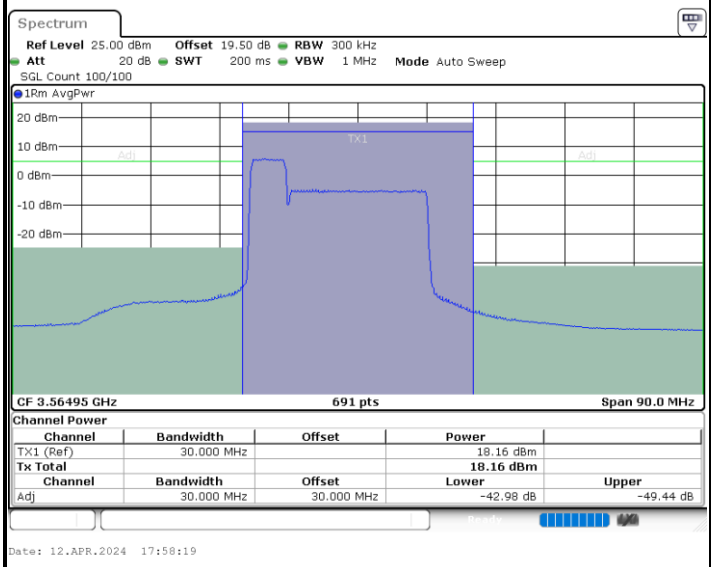
A3.3 ACLR

LTE Band 48C / 5MHz+20MHz	
QPSK	
Lowest Channel / 1RB0 and 1RB99	Lowest Channel / 1RB24 and 1RB0





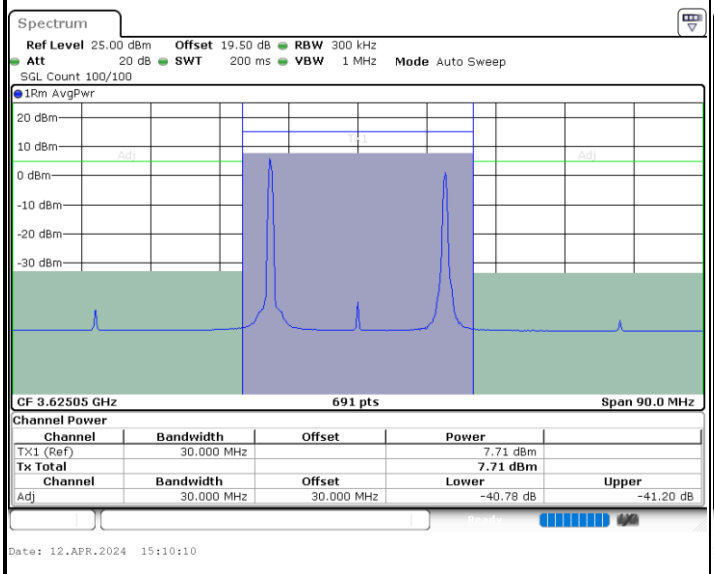
Lowest Channel / FullRB	N/A



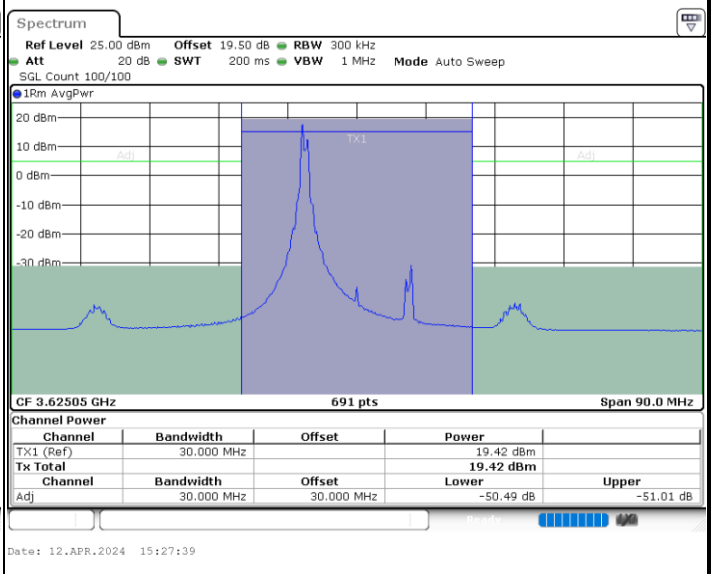
LTE Band 48C / 5MHz+20MHz

QPSK

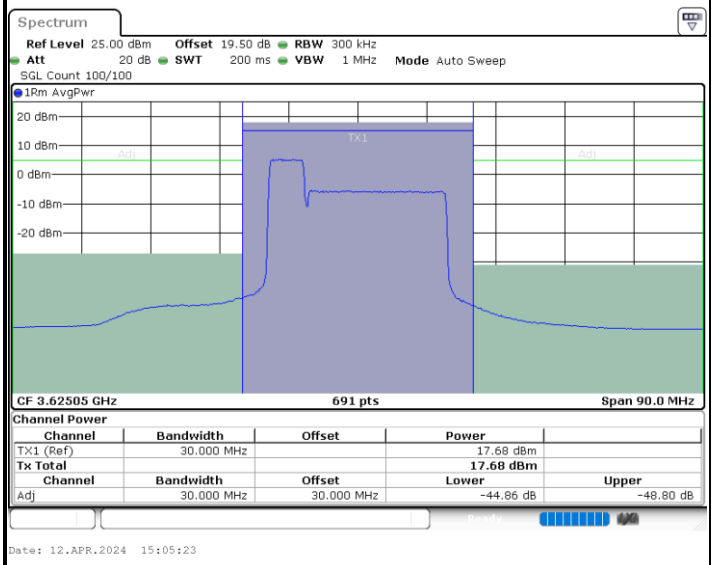
Middle Channel / 1RB0 and 1RB99



Middle Channel / 1RB24 and 1RB0



Middle Channel / FullRB

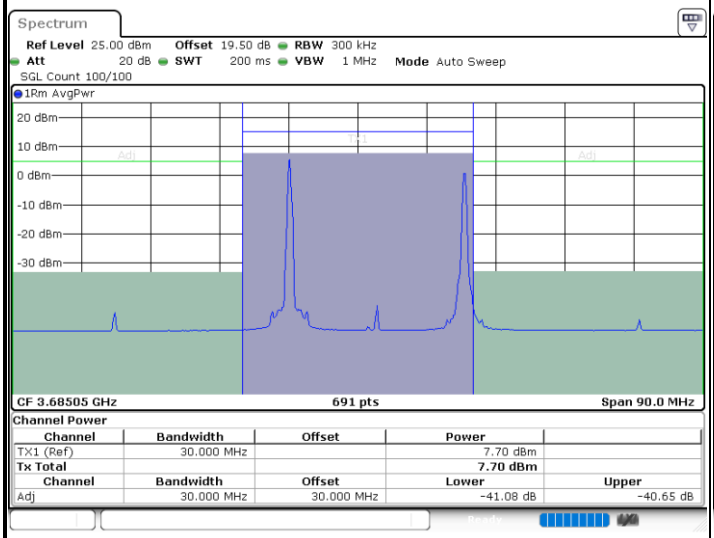


N/A

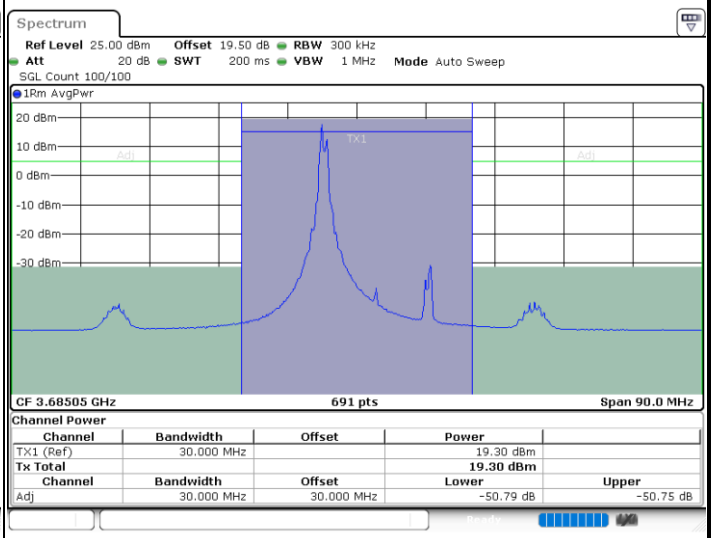
LTE Band 48C / 5MHz+20MHz

QPSK

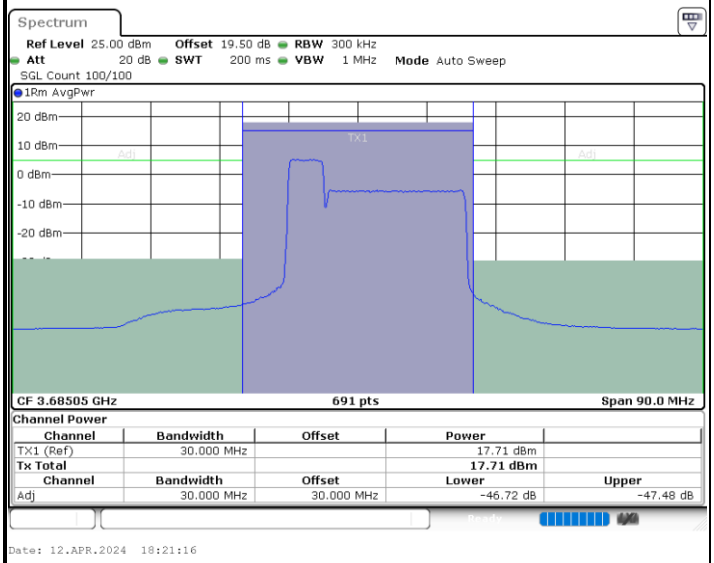
Highest Channel / 1RB0 and 1RB99



Highest Channel / 1RB24 and 1RB0



Highest Channel / FullRB

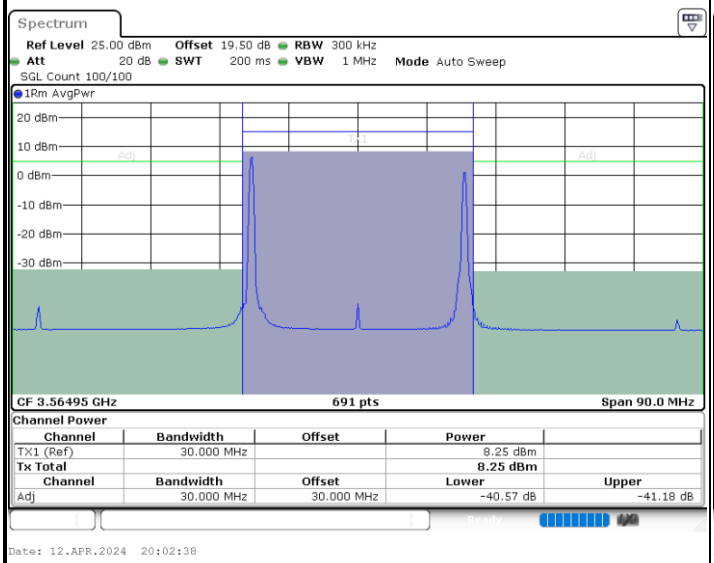


N/A

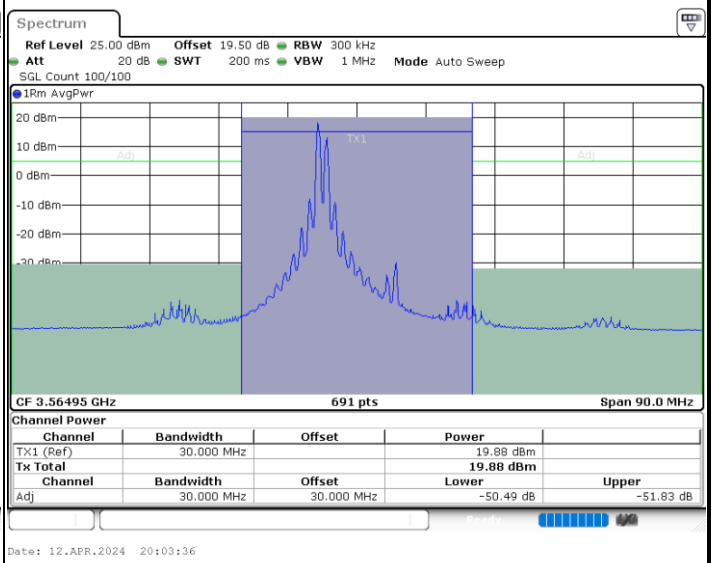
LTE Band 48C / 10MHz+20MHz

QPSK

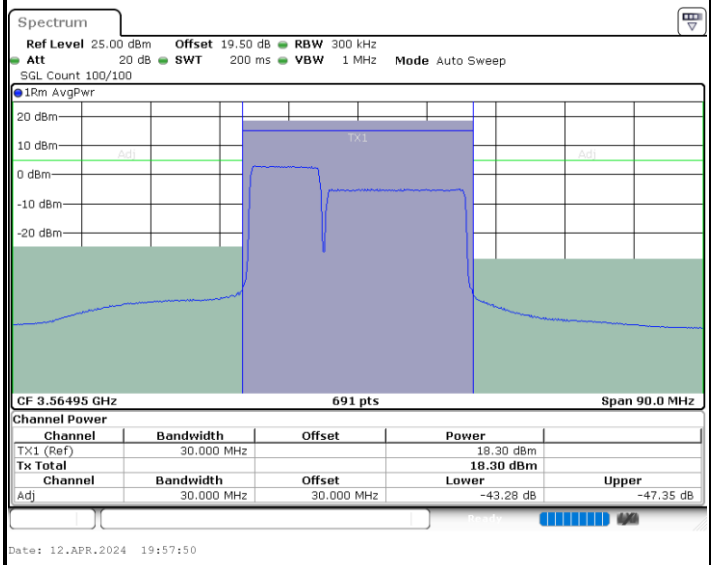
Lowest Channel / 1RB0 and 1RB99



Lowest Channel / 1RB49 and 1RB0



Lowest Channel / FullRB

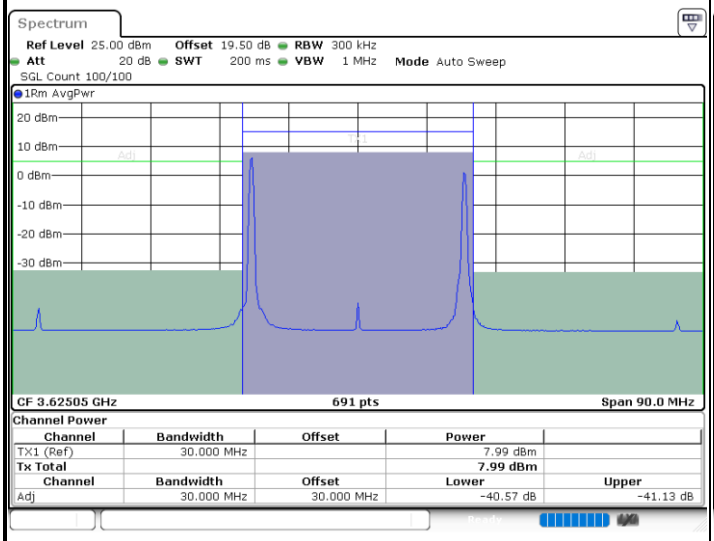


N/A

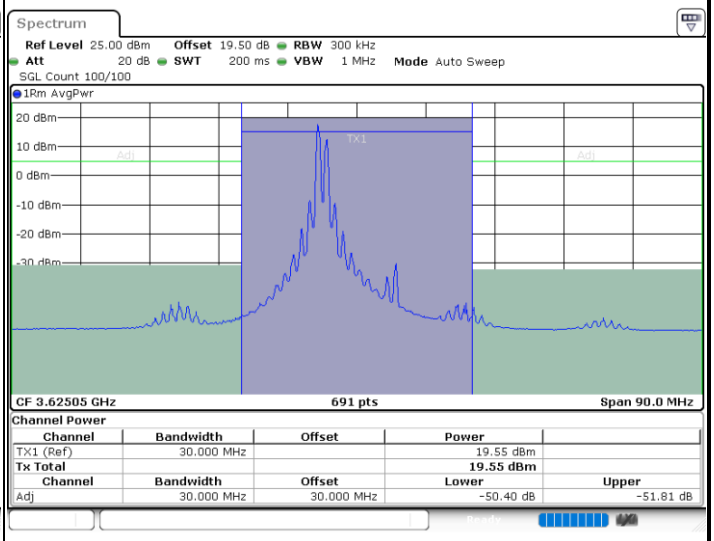
LTE Band 48C / 10MHz+20MHz

QPSK

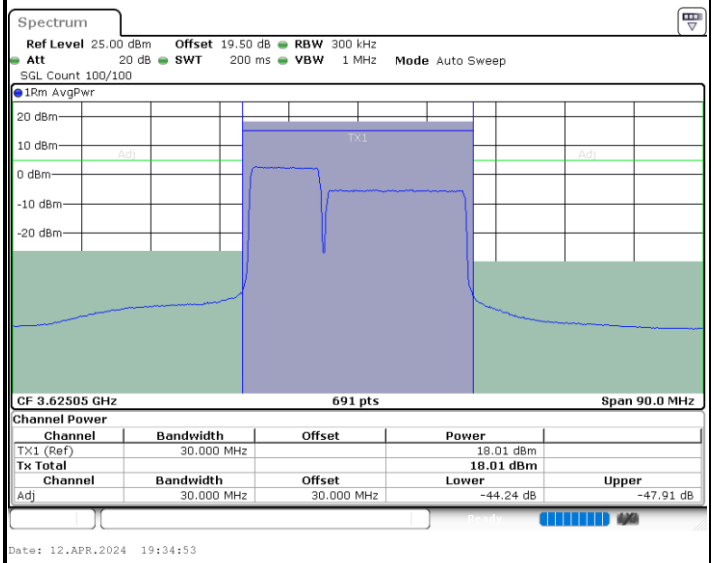
Middle Channel / 1RB0 and 1RB99



Middle Channel / 1RB49 and 1RB0



Middle Channel / FullRB

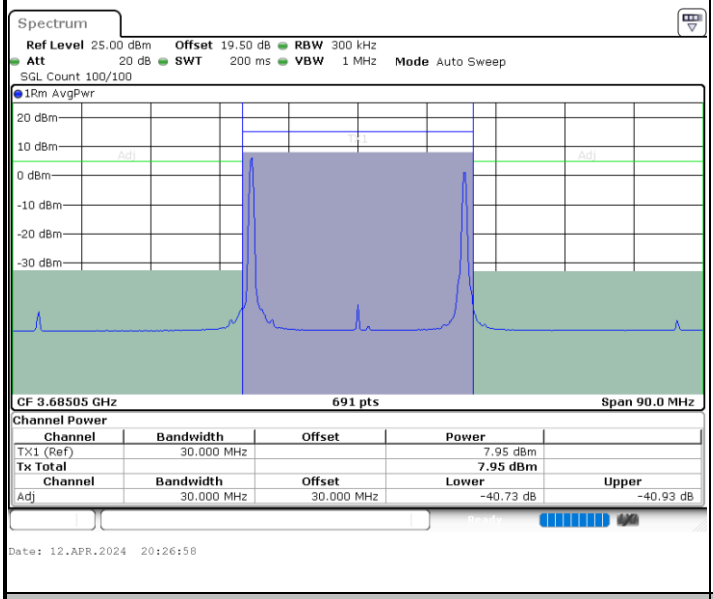


N/A

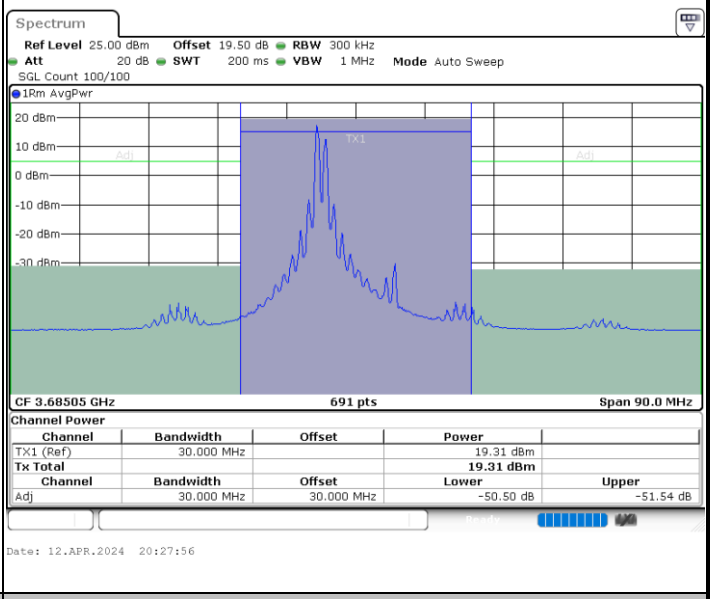
LTE Band 48C / 10MHz+20MHz

QPSK

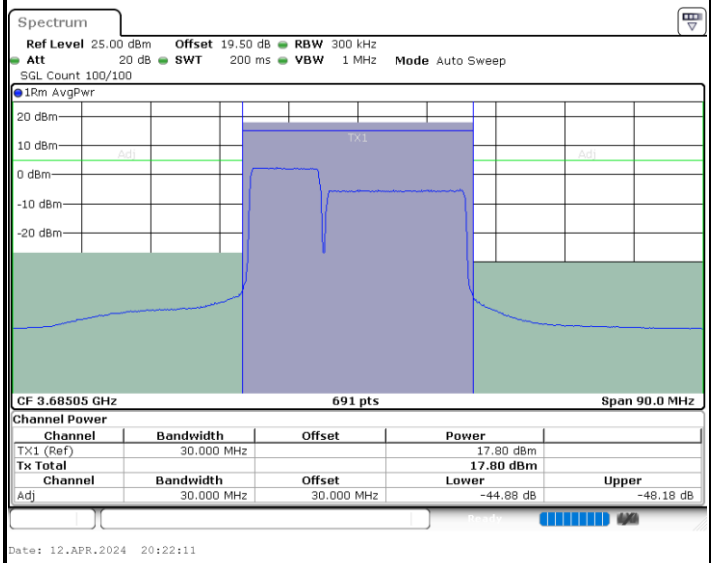
Highest Channel / 1RB0 and 1RB99



Highest Channel / 1RB49 and 1RB0



Highest Channel / FullRB



N/A