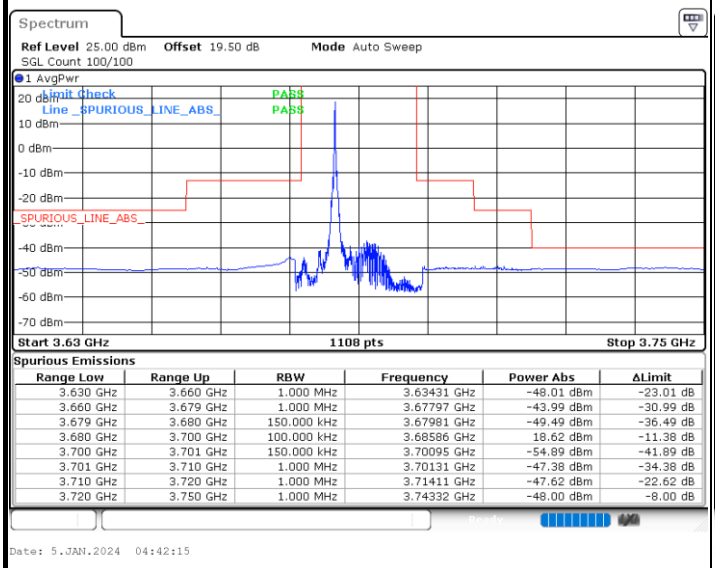
LTE Band 48 / 15MHz

64QAM

Highest Channel / 1RB0

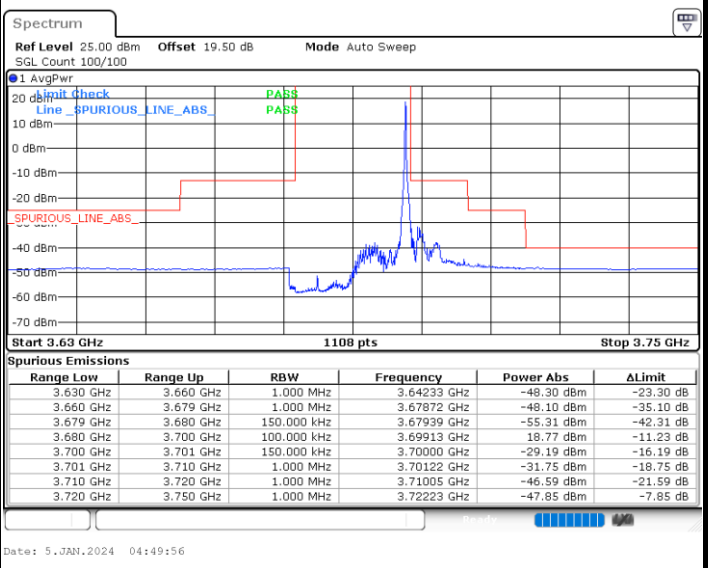


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.63431 GHz	-48.01 dBm	-23.01 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67797 GHz	-43.99 dBm	-30.99 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67981 GHz	-49.49 dBm	-36.49 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68586 GHz	18.62 dBm	-11.38 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70095 GHz	-54.89 dBm	-41.89 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70131 GHz	-47.38 dBm	-34.38 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71411 GHz	-47.62 dBm	-22.62 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74332 GHz	-48.00 dBm	-8.00 dB

Date: 5.JAN.2024 04:42:15

Highest Channel / 1RBmax

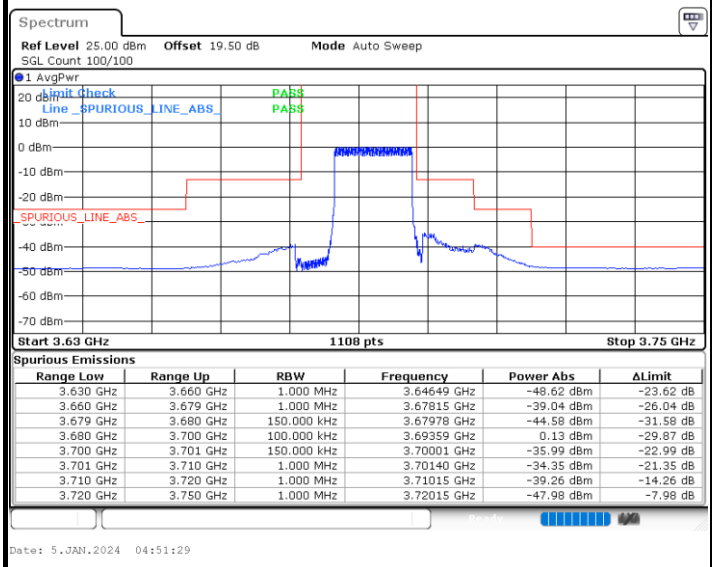


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64233 GHz	-48.30 dBm	-23.30 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67872 GHz	-48.10 dBm	-35.10 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67939 GHz	-55.31 dBm	-42.31 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69913 GHz	18.77 dBm	-11.23 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70000 GHz	-29.19 dBm	-16.19 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-31.75 dBm	-18.75 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-46.59 dBm	-21.59 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72223 GHz	-47.85 dBm	-7.85 dB

Date: 5.JAN.2024 04:49:56

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64649 GHz	-48.62 dBm	-23.62 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67815 GHz	-39.04 dBm	-26.04 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67978 GHz	-44.58 dBm	-31.58 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69359 GHz	0.13 dBm	-29.87 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70001 GHz	-35.99 dBm	-22.99 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-34.35 dBm	-21.35 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-39.26 dBm	-14.26 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-47.98 dBm	-7.98 dB

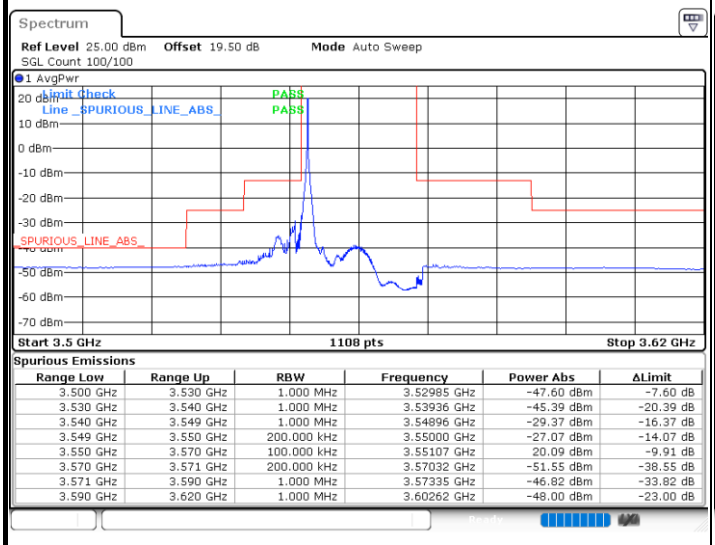
Date: 5.JAN.2024 04:51:29

N/A

LTE Band 48 / 20MHz

QPSK

Lowest Channel / 1RB0

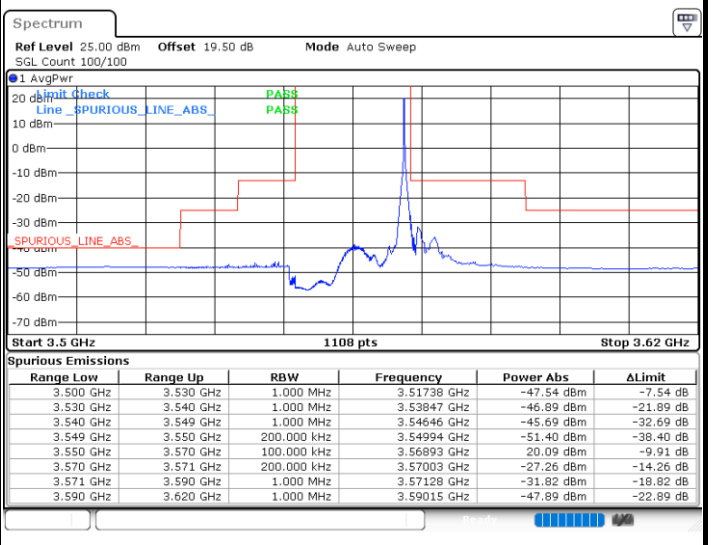


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-47.60 dBm	-7.60 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53936 GHz	-45.39 dBm	-20.39 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-29.37 dBm	-16.37 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-27.07 dBm	-14.07 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	20.09 dBm	-9.91 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57032 GHz	-51.55 dBm	-38.55 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57335 GHz	-46.82 dBm	-33.82 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.60262 GHz	-48.00 dBm	-23.00 dB

Date: 5.JAN.2024 05:05:56

Lowest Channel / 1RBmax

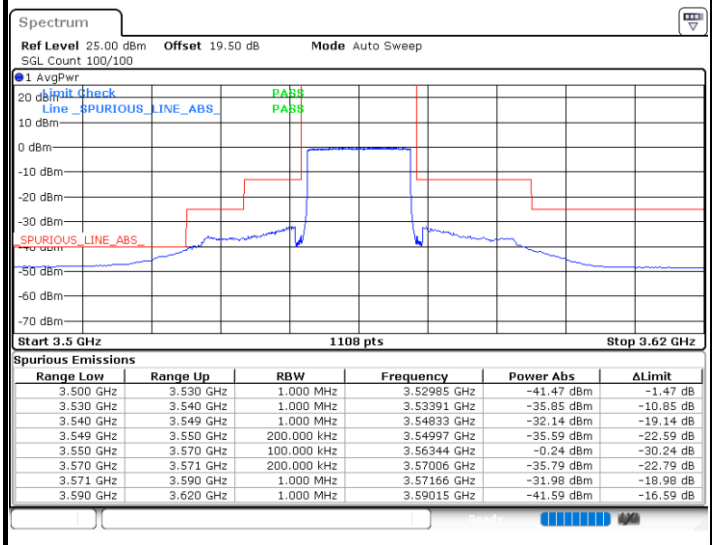


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51738 GHz	-47.54 dBm	-7.54 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53847 GHz	-46.89 dBm	-21.89 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54646 GHz	-45.69 dBm	-32.69 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54994 GHz	-51.40 dBm	-38.40 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	20.09 dBm	-9.91 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57003 GHz	-27.26 dBm	-14.26 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-31.82 dBm	-18.82 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-47.89 dBm	-22.89 dB

Date: 5.JAN.2024 05:13:39

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	-41.47 dBm	-1.47 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53391 GHz	-35.85 dBm	-10.85 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54833 GHz	-32.14 dBm	-19.14 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54997 GHz	-35.59 dBm	-22.59 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56344 GHz	-0.24 dBm	-30.24 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57006 GHz	-35.79 dBm	-22.79 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57166 GHz	-31.98 dBm	-18.98 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-41.59 dBm	-16.59 dB

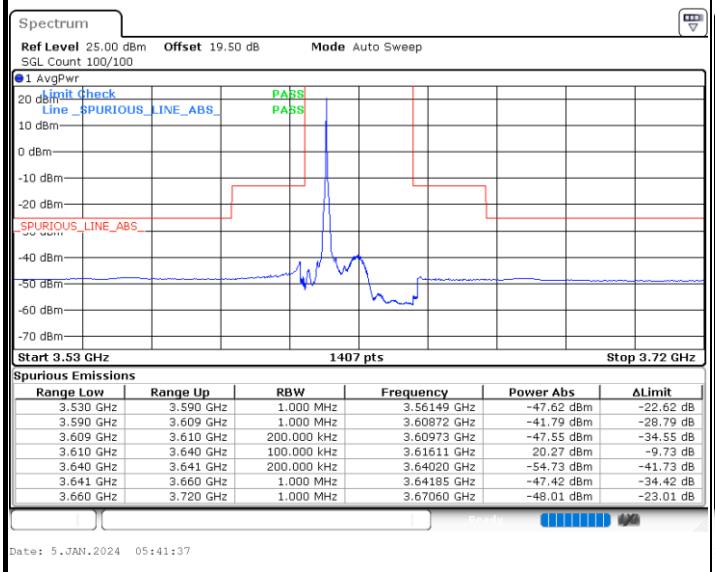
Date: 5.JAN.2024 05:15:12

N/A

LTE Band 48 / 20MHz

QPSK

Middle Channel / 1RB0

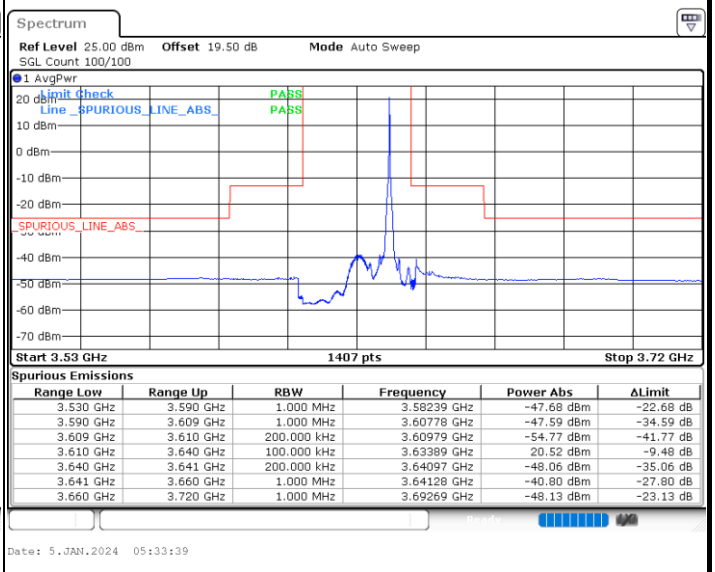


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.56149 GHz	-47.62 dBm	-22.62 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60872 GHz	-41.79 dBm	-28.79 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60973 GHz	-47.55 dBm	-34.55 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	20.27 dBm	-9.73 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64020 GHz	-54.73 dBm	-41.73 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64185 GHz	-47.42 dBm	-34.42 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.67060 GHz	-48.01 dBm	-23.01 dB

Date: 5.JAN.2024 05:41:37

Middle Channel / 1RBmax

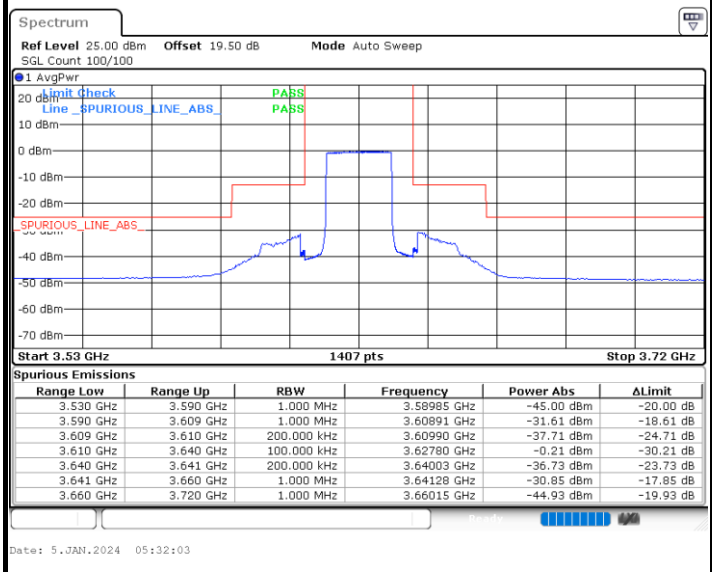


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58239 GHz	-47.68 dBm	-22.68 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60778 GHz	-47.59 dBm	-34.59 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60979 GHz	-54.77 dBm	-41.77 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63389 GHz	20.52 dBm	-9.48 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64097 GHz	-48.06 dBm	-35.06 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-40.80 dBm	-27.80 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.69269 GHz	-48.13 dBm	-23.13 dB

Date: 5.JAN.2024 05:33:39

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58985 GHz	-45.00 dBm	-20.00 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-31.61 dBm	-18.61 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60990 GHz	-37.71 dBm	-24.71 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62780 GHz	-0.21 dBm	-30.21 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64003 GHz	-36.73 dBm	-23.73 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-30.85 dBm	-17.85 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-44.93 dBm	-19.93 dB

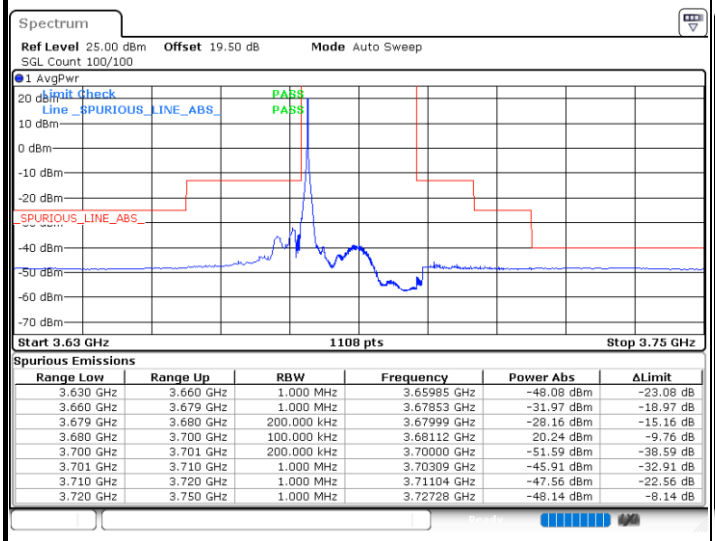
Date: 5.JAN.2024 05:32:03

N/A

LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

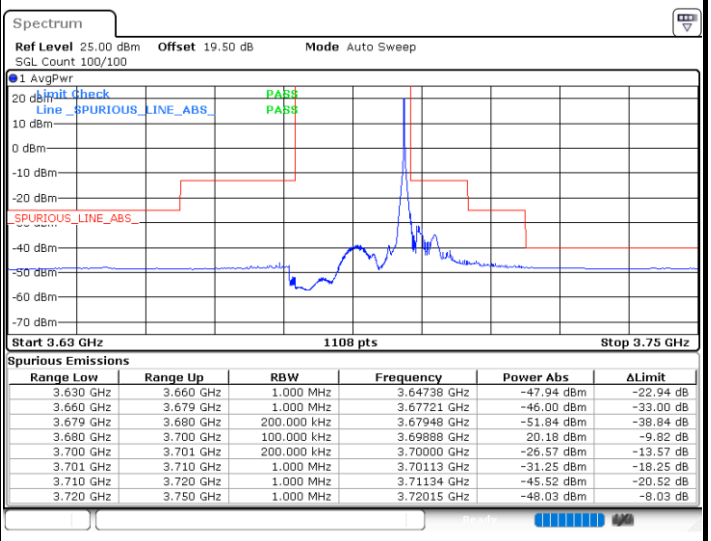


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-48.08 dBm	-23.08 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67853 GHz	-31.97 dBm	-18.97 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-28.16 dBm	-15.16 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68112 GHz	20.24 dBm	-9.76 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-51.59 dBm	-38.59 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70309 GHz	-45.91 dBm	-32.91 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71104 GHz	-47.56 dBm	-22.56 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72728 GHz	-48.14 dBm	-8.14 dB

Date: 5.JAN.2024 05:54:56

Highest Channel / 1RBmax

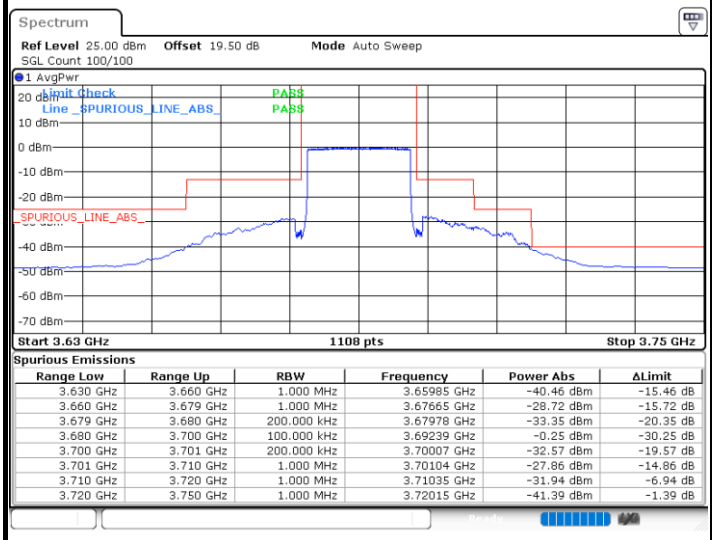


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64738 GHz	-47.94 dBm	-22.94 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67721 GHz	-46.00 dBm	-33.00 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67948 GHz	-51.84 dBm	-38.84 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69888 GHz	20.18 dBm	-9.82 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-26.57 dBm	-13.57 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70113 GHz	-31.25 dBm	-18.25 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71134 GHz	-45.52 dBm	-20.52 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-48.03 dBm	-8.03 dB

Date: 5.JAN.2024 06:02:39

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	-40.46 dBm	-15.46 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67665 GHz	-28.72 dBm	-15.72 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67978 GHz	-33.35 dBm	-20.35 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69239 GHz	-0.25 dBm	-30.25 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70007 GHz	-32.57 dBm	-19.57 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-27.86 dBm	-14.86 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71035 GHz	-31.94 dBm	-6.94 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-41.39 dBm	-1.39 dB

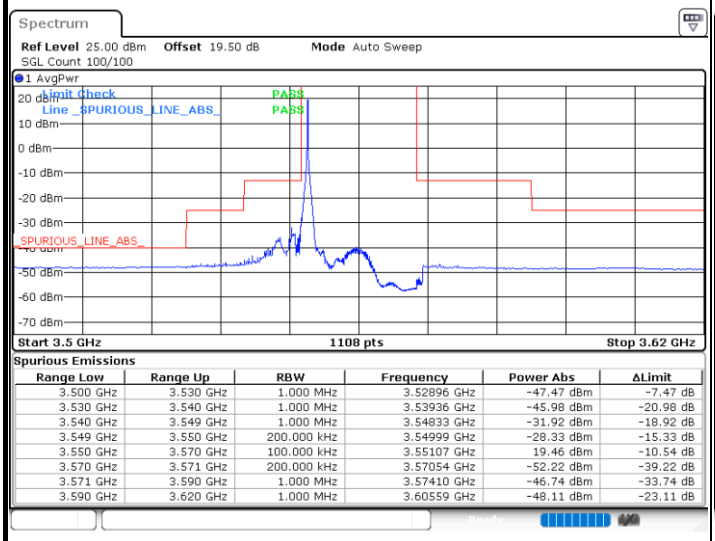
Date: 5.JAN.2024 06:04:11

N/A

LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

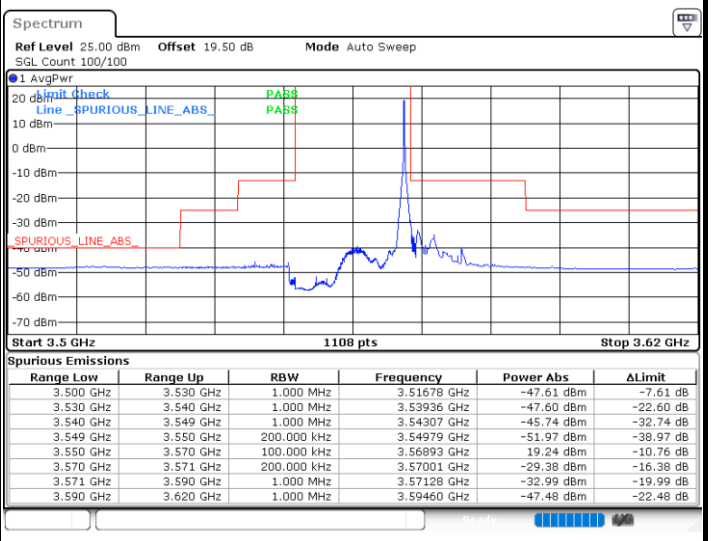


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52896 GHz	-47.47 dBm	-7.47 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53936 GHz	-45.98 dBm	-20.98 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54833 GHz	-31.92 dBm	-18.92 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-28.33 dBm	-15.33 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	19.46 dBm	-10.54 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57054 GHz	-52.22 dBm	-39.22 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57410 GHz	-46.74 dBm	-33.74 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.60559 GHz	-48.11 dBm	-23.11 dB

Date: 5.JAN.2024 05:07:28

Lowest Channel / 1RBmax

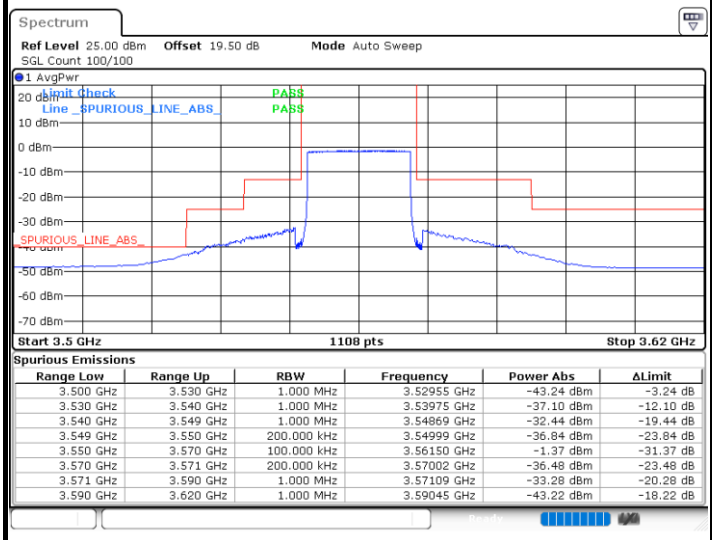


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51678 GHz	-47.61 dBm	-7.61 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53936 GHz	-47.60 dBm	-22.60 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54307 GHz	-45.74 dBm	-32.74 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54979 GHz	-51.97 dBm	-38.97 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	19.24 dBm	-10.76 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57001 GHz	-29.38 dBm	-16.38 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-32.99 dBm	-19.99 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59460 GHz	-47.48 dBm	-22.48 dB

Date: 5.JAN.2024 05:12:07

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	-43.24 dBm	-3.24 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-37.10 dBm	-12.10 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54869 GHz	-32.44 dBm	-19.44 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-36.84 dBm	-23.84 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56150 GHz	-1.37 dBm	-31.37 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57002 GHz	-36.48 dBm	-23.48 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-33.28 dBm	-20.28 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59045 GHz	-43.22 dBm	-18.22 dB

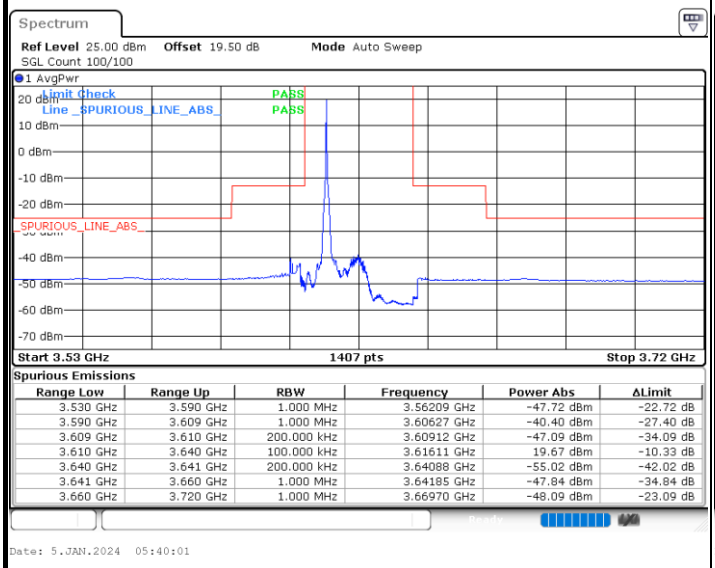
Date: 5.JAN.2024 05:16:45

N/A

LTE Band 48 / 20MHz

16QAM

Middle Channel / 1RB0

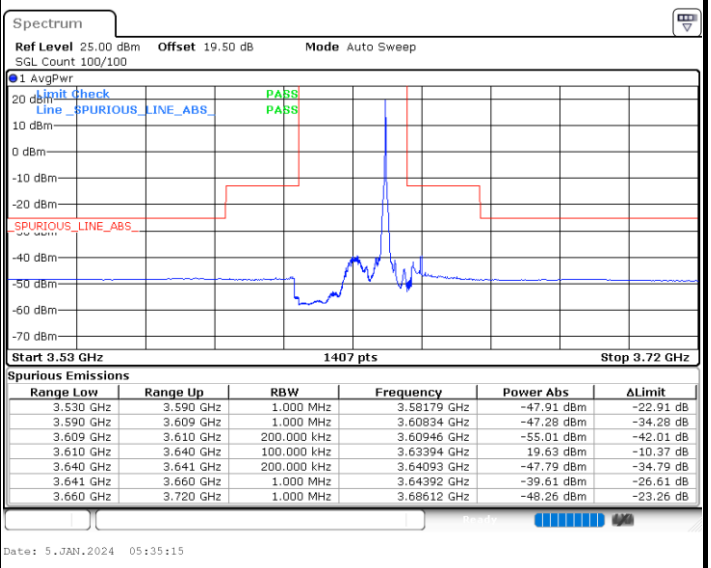


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.56209 GHz	-47.72 dBm	-22.72 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60627 GHz	-40.40 dBm	-27.40 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60912 GHz	-47.09 dBm	-34.09 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	19.67 dBm	-10.33 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64088 GHz	-55.02 dBm	-42.02 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64185 GHz	-47.84 dBm	-34.84 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66970 GHz	-48.09 dBm	-23.09 dB

Date: 5.JAN.2024 05:40:01

Middle Channel / 1RBmax

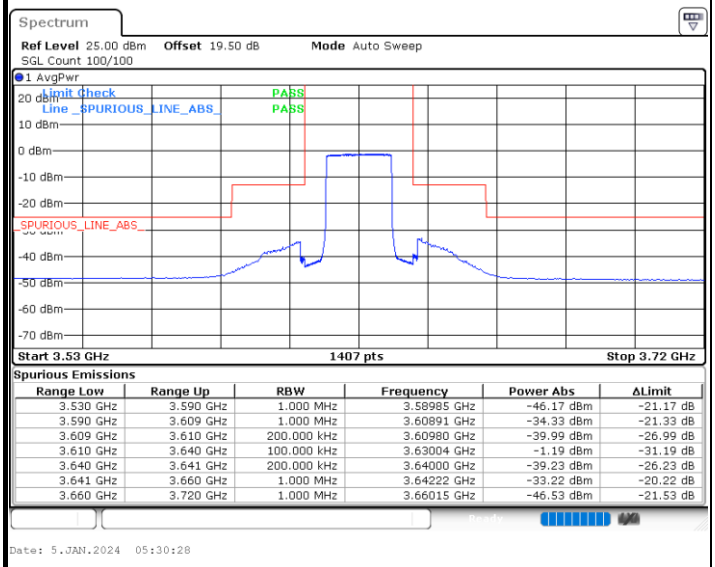


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58179 GHz	-47.91 dBm	-22.91 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60834 GHz	-47.28 dBm	-34.28 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60946 GHz	-55.01 dBm	-42.01 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	19.63 dBm	-10.37 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64093 GHz	-47.79 dBm	-34.79 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64392 GHz	-39.61 dBm	-26.61 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68612 GHz	-48.26 dBm	-23.26 dB

Date: 5.JAN.2024 05:35:15

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58985 GHz	-46.17 dBm	-21.17 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-34.33 dBm	-21.33 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60980 GHz	-39.99 dBm	-26.99 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63004 GHz	-1.19 dBm	-31.19 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64000 GHz	-39.23 dBm	-26.23 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64222 GHz	-33.22 dBm	-20.22 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-46.53 dBm	-21.53 dB

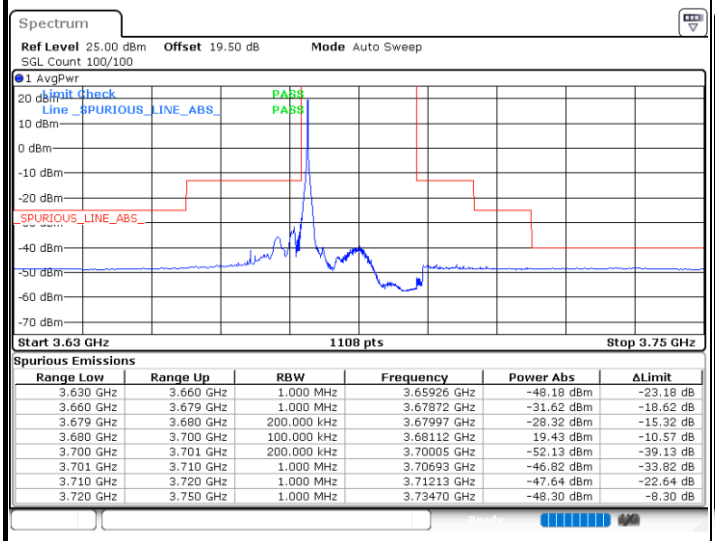
Date: 5.JAN.2024 05:30:28

N/A

LTE Band 48 / 20MHz

16QAM

Highest Channel / 1RB0

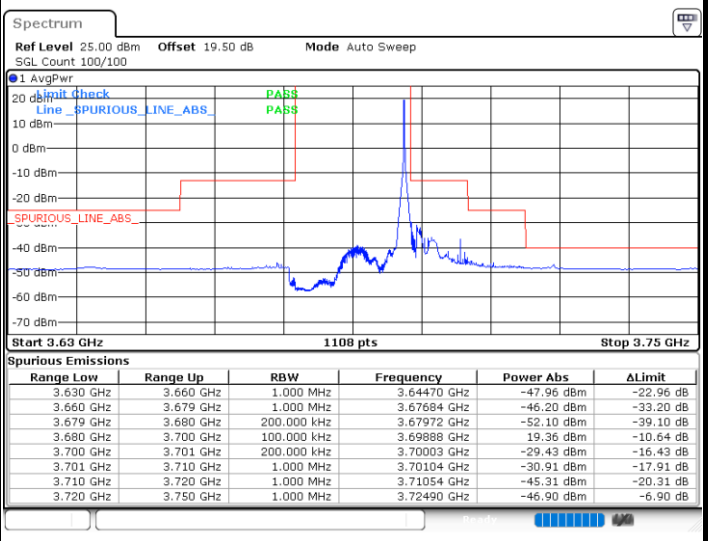


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65926 GHz	-48.18 dBm	-23.18 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67872 GHz	-31.62 dBm	-18.62 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67997 GHz	-28.32 dBm	-15.32 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68112 GHz	19.43 dBm	-10.57 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70005 GHz	-52.13 dBm	-39.13 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70693 GHz	-46.82 dBm	-33.82 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71213 GHz	-47.64 dBm	-22.64 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73470 GHz	-48.30 dBm	-8.30 dB

Date: 5.JAN.2024 05:56:29

Highest Channel / 1RBmax

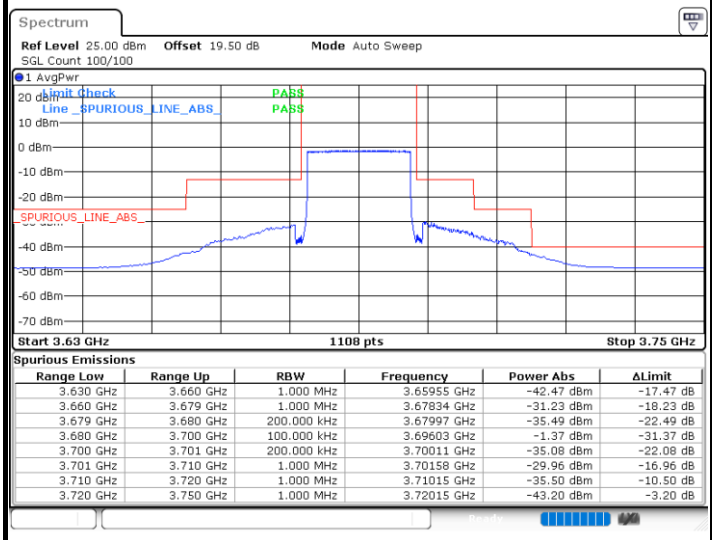


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64470 GHz	-47.96 dBm	-22.96 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67684 GHz	-46.20 dBm	-33.20 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67972 GHz	-52.10 dBm	-39.10 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69888 GHz	19.36 dBm	-10.64 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70003 GHz	-29.43 dBm	-16.43 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-30.91 dBm	-17.91 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71054 GHz	-45.31 dBm	-20.31 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72490 GHz	-46.90 dBm	-6.90 dB

Date: 5.JAN.2024 06:01:06

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65955 GHz	-42.47 dBm	-17.47 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67834 GHz	-31.23 dBm	-18.23 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67997 GHz	-35.49 dBm	-22.49 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69603 GHz	-1.37 dBm	-31.37 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70011 GHz	-35.08 dBm	-22.08 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70158 GHz	-29.96 dBm	-16.96 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-35.50 dBm	-10.50 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-43.20 dBm	-3.20 dB

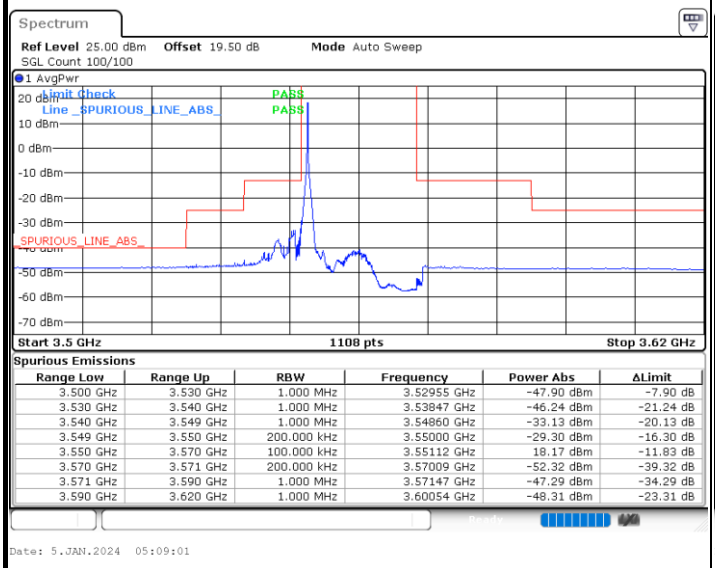
Date: 5.JAN.2024 06:05:43

N/A

LTE Band 48 / 20MHz

64QAM

Lowest Channel / 1RB0

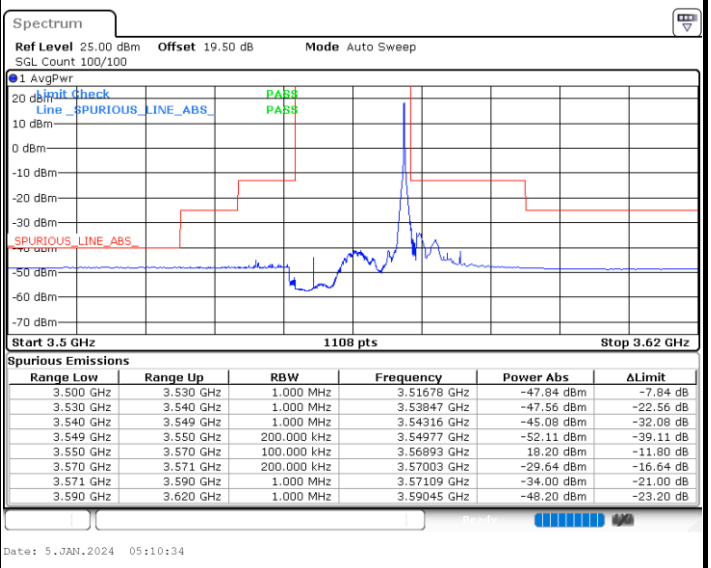


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52955 GHz	-47.90 dBm	-7.90 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53847 GHz	-46.24 dBm	-21.24 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54860 GHz	-33.13 dBm	-20.13 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-29.30 dBm	-16.30 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55112 GHz	18.17 dBm	-11.83 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57009 GHz	-52.32 dBm	-39.32 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57147 GHz	-47.29 dBm	-34.29 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.60054 GHz	-48.31 dBm	-23.31 dB

Date: 5.JAN.2024 05:09:01

Lowest Channel / 1RBmax

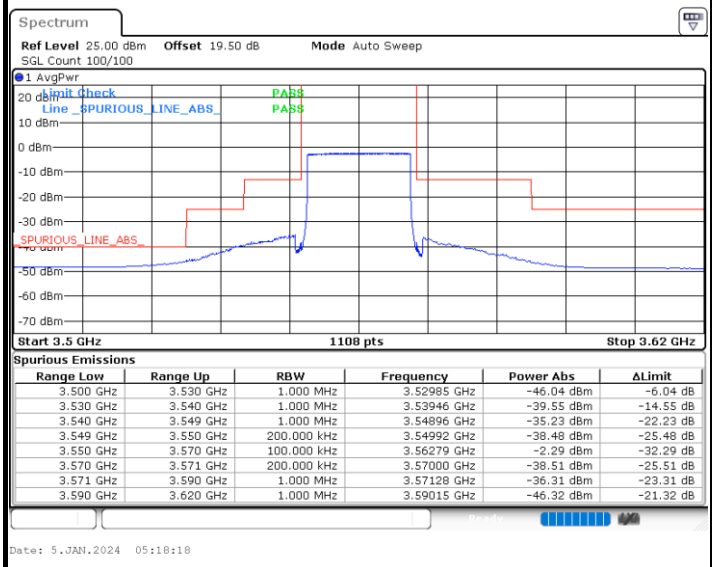


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51678 GHz	-47.84 dBm	-7.84 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53847 GHz	-47.56 dBm	-22.56 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54316 GHz	-45.08 dBm	-32.08 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54977 GHz	-52.11 dBm	-39.11 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	18.20 dBm	-11.80 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57003 GHz	-29.64 dBm	-16.64 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-34.00 dBm	-21.00 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59045 GHz	-48.20 dBm	-23.20 dB

Date: 5.JAN.2024 05:10:34

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	-46.04 dBm	-6.04 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53946 GHz	-39.55 dBm	-14.55 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-35.23 dBm	-22.23 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54992 GHz	-38.48 dBm	-25.48 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56279 GHz	-2.29 dBm	-32.29 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-38.51 dBm	-25.51 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-36.31 dBm	-23.31 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-46.32 dBm	-21.32 dB

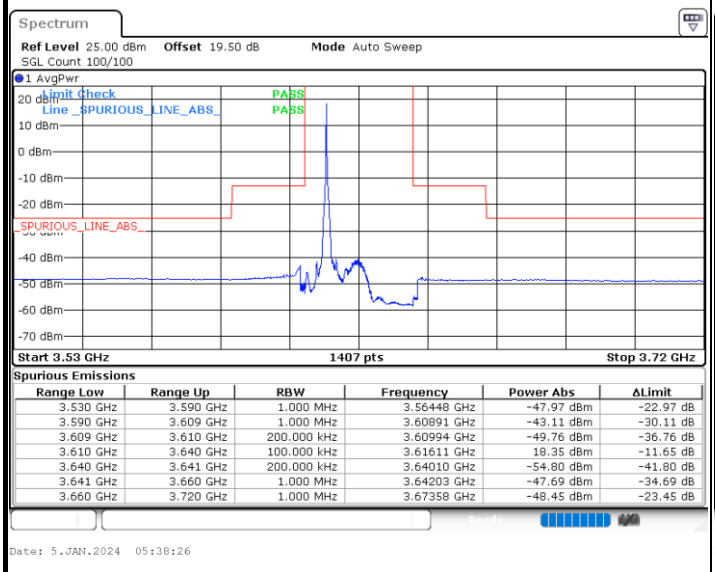
Date: 5.JAN.2024 05:18:18

N/A

LTE Band 48 / 20MHz

64QAM

Middle Channel / 1RB0

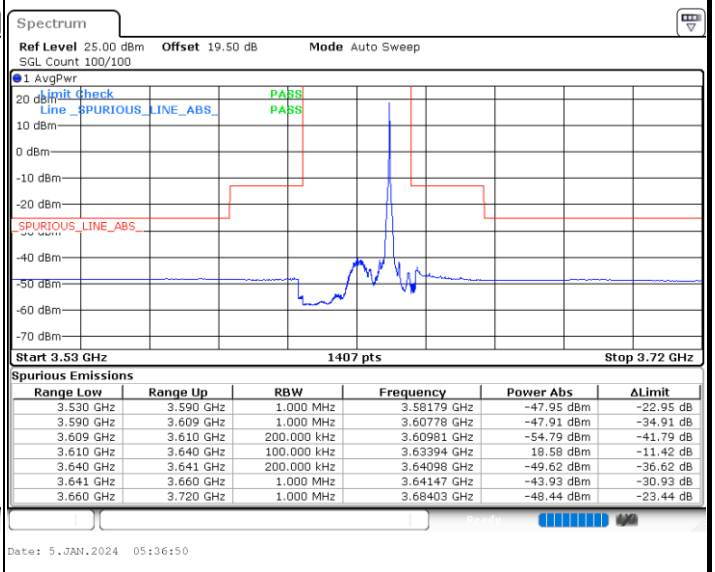


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.56448 GHz	-47.97 dBm	-22.97 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-43.11 dBm	-30.11 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60994 GHz	-49.76 dBm	-36.76 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	18.35 dBm	-11.65 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64010 GHz	-54.80 dBm	-41.80 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64203 GHz	-47.69 dBm	-34.69 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.67358 GHz	-48.45 dBm	-23.45 dB

Date: 5.JAN.2024 05:38:26

Middle Channel / 1RBmax

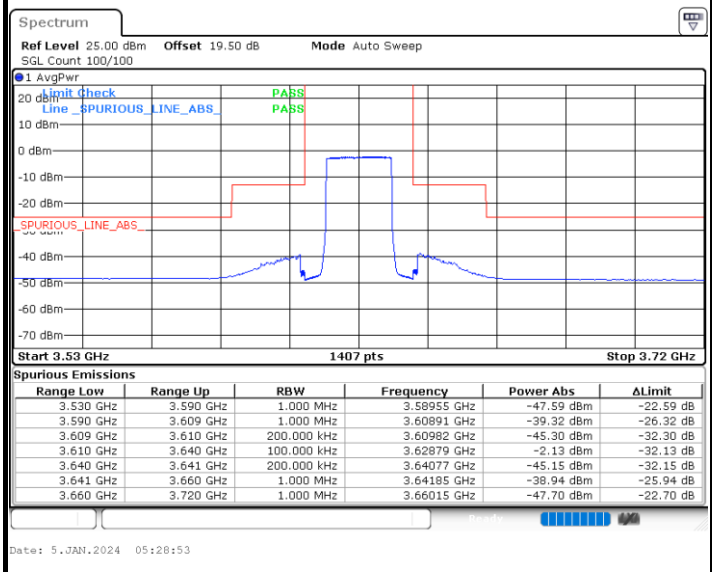


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58179 GHz	-47.95 dBm	-22.95 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60778 GHz	-47.91 dBm	-34.91 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60981 GHz	-54.79 dBm	-41.79 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	18.58 dBm	-11.42 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64098 GHz	-49.62 dBm	-36.62 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64147 GHz	-43.93 dBm	-30.93 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68403 GHz	-48.44 dBm	-23.44 dB

Date: 5.JAN.2024 05:36:50

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	-47.59 dBm	-22.59 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-39.32 dBm	-26.32 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60982 GHz	-45.30 dBm	-32.30 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62879 GHz	-2.13 dBm	-32.13 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64077 GHz	-45.15 dBm	-32.15 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64185 GHz	-38.94 dBm	-25.94 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-47.70 dBm	-22.70 dB

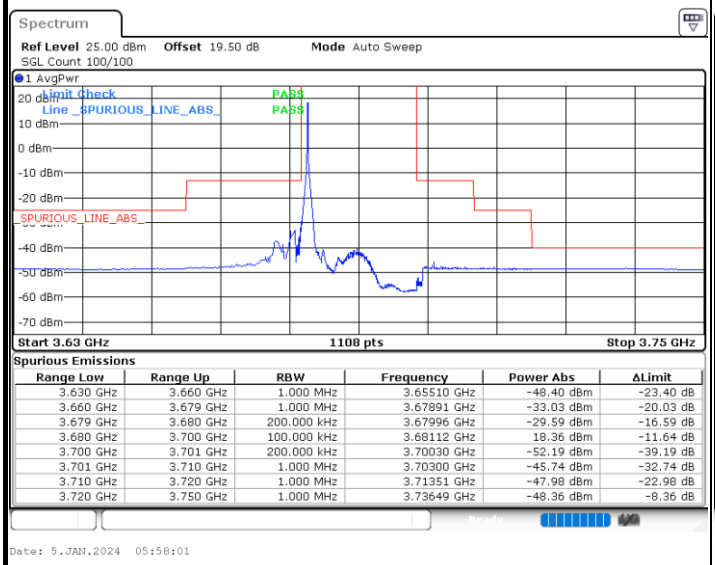
Date: 5.JAN.2024 05:28:53

N/A

LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

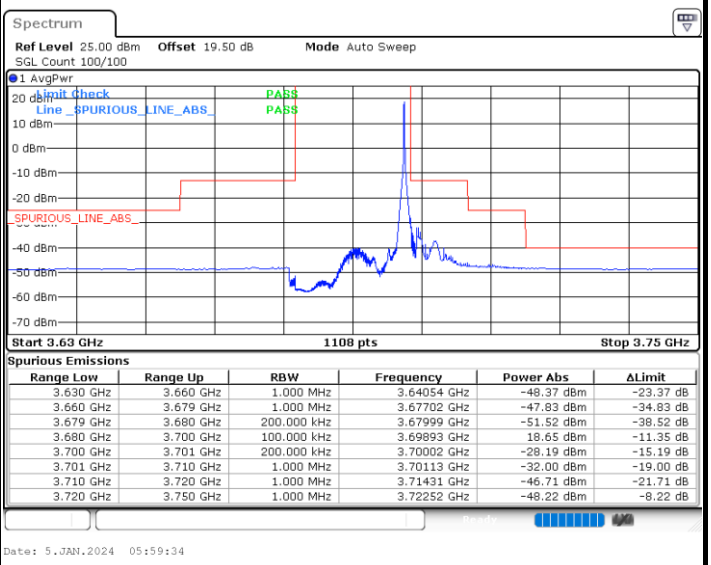


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65510 GHz	-48.40 dBm	-23.40 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-33.03 dBm	-20.03 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67996 GHz	-29.59 dBm	-16.59 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68112 GHz	18.36 dBm	-11.64 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70030 GHz	-52.19 dBm	-39.19 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70300 GHz	-45.74 dBm	-32.74 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71351 GHz	-47.98 dBm	-22.98 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73649 GHz	-48.36 dBm	-8.36 dB

Date: 5.JAN.2024 05:58:01

Highest Channel / 1RBmax

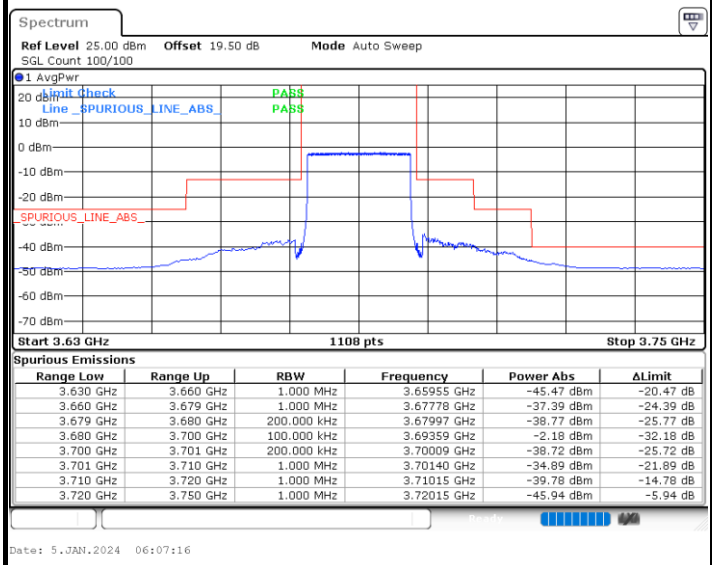


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64054 GHz	-48.37 dBm	-23.37 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67702 GHz	-47.83 dBm	-34.83 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-51.52 dBm	-38.52 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	18.65 dBm	-11.35 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70002 GHz	-28.19 dBm	-15.19 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70113 GHz	-32.00 dBm	-19.00 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71431 GHz	-46.71 dBm	-21.71 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72252 GHz	-48.22 dBm	-8.22 dB

Date: 5.JAN.2024 05:59:34

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65955 GHz	-45.47 dBm	-20.47 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67778 GHz	-37.39 dBm	-24.39 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67997 GHz	-38.77 dBm	-25.77 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69359 GHz	-2.18 dBm	-32.18 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70009 GHz	-38.72 dBm	-25.72 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-34.89 dBm	-21.89 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-39.78 dBm	-14.78 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-45.94 dBm	-5.94 dB

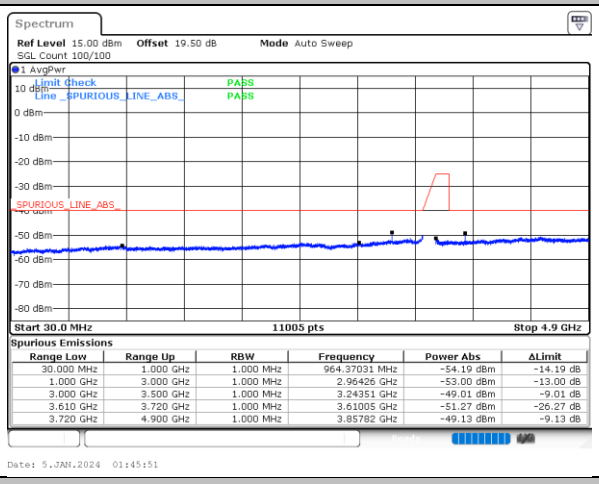
Date: 5.JAN.2024 06:07:16

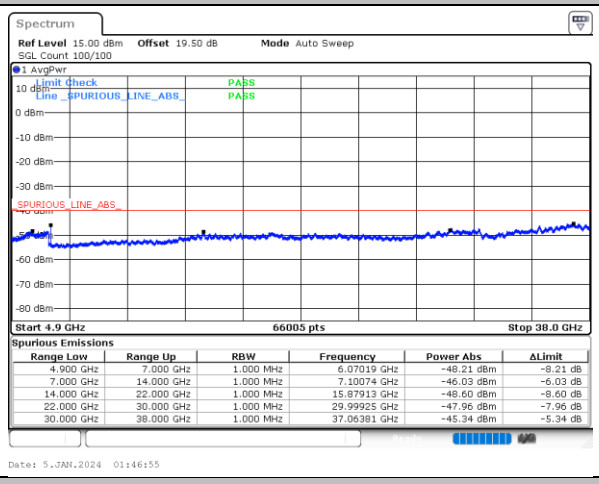
N/A

Conducted Spurious Emission

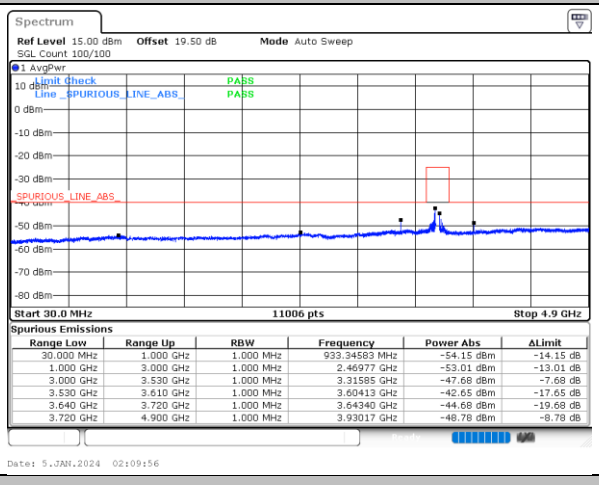
LTE Band 48 / 5MHz

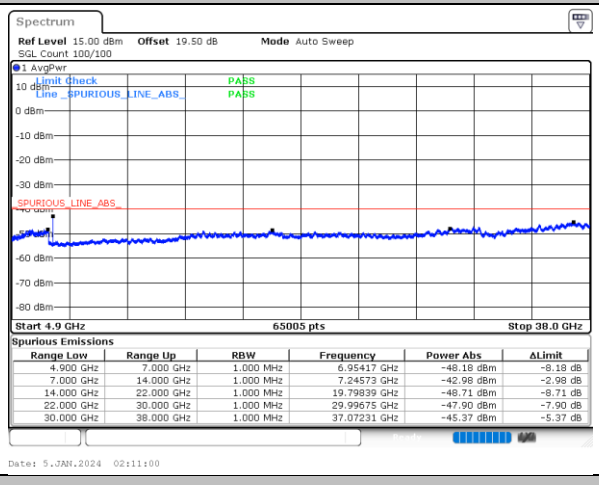
Lowest Channel / QPSK



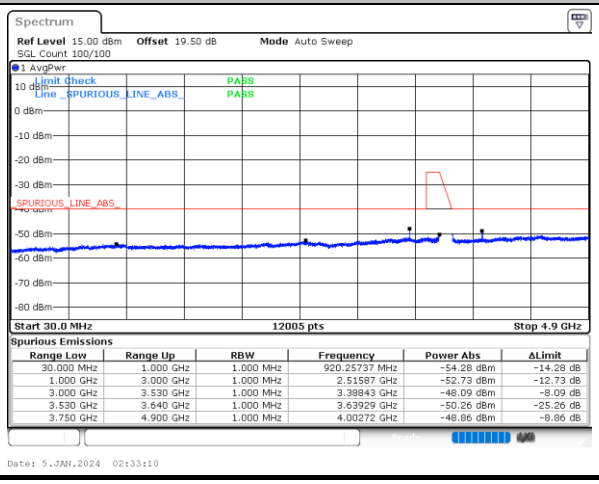


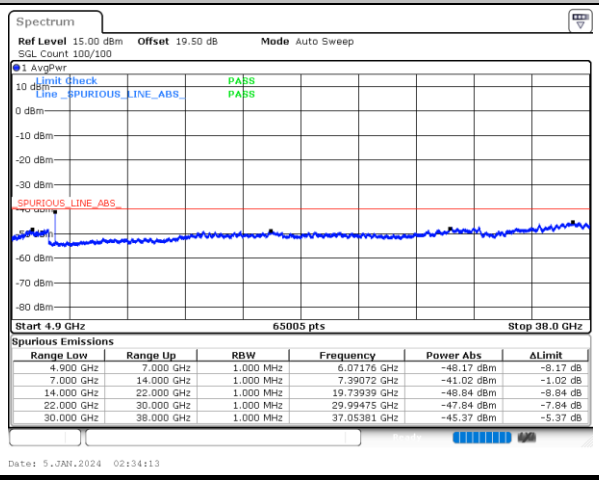
Middle Channel / QPSK





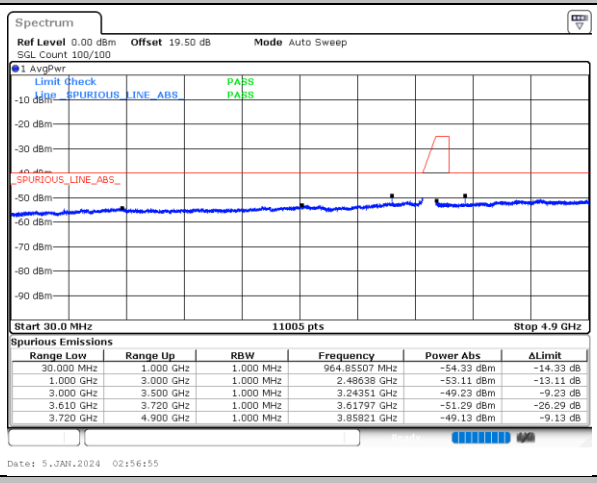
Highest Channel / QPSK

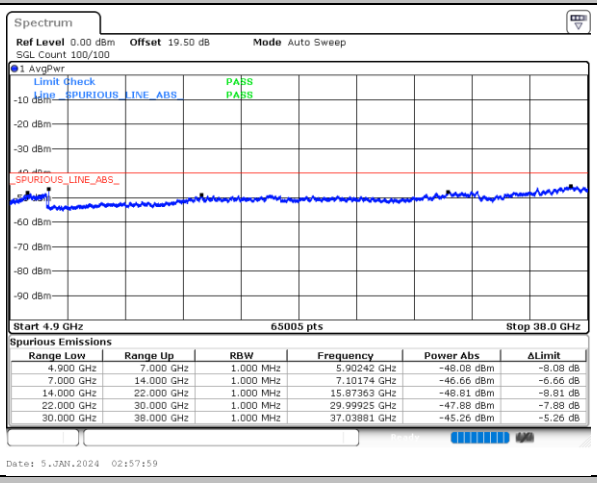




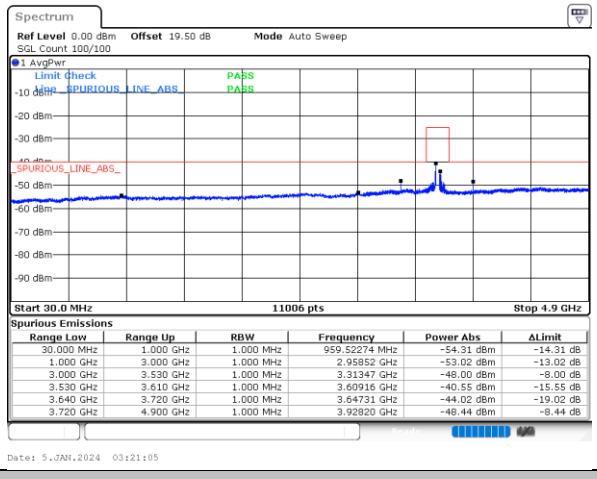
LTE Band 48 / 10MHz

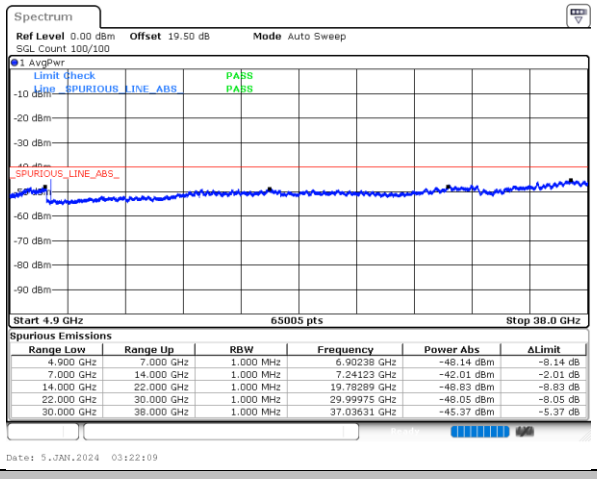
Lowest Channel / QPSK



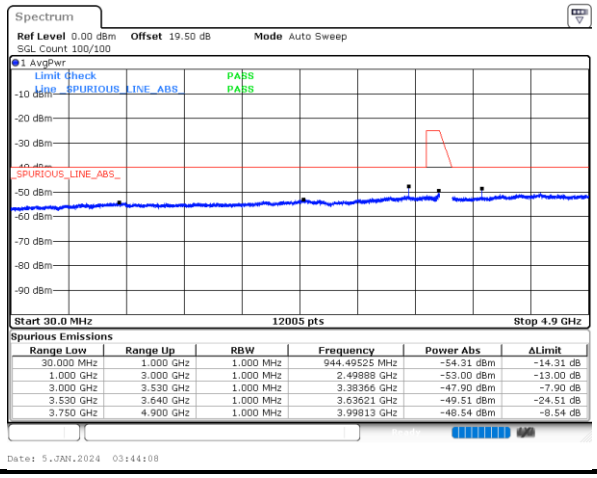


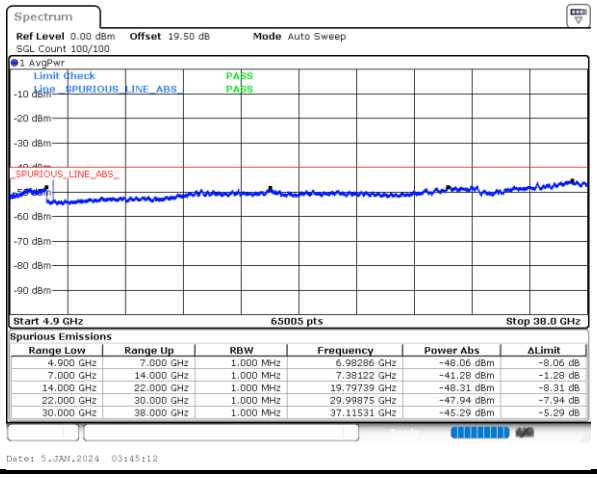
Middle Channel / QPSK





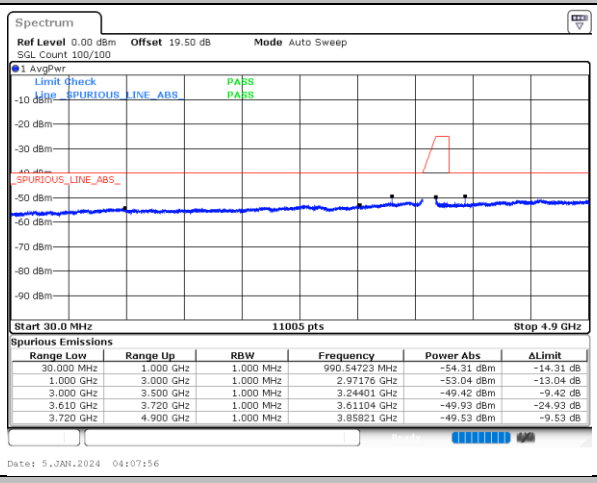
Highest Channel / QPSK

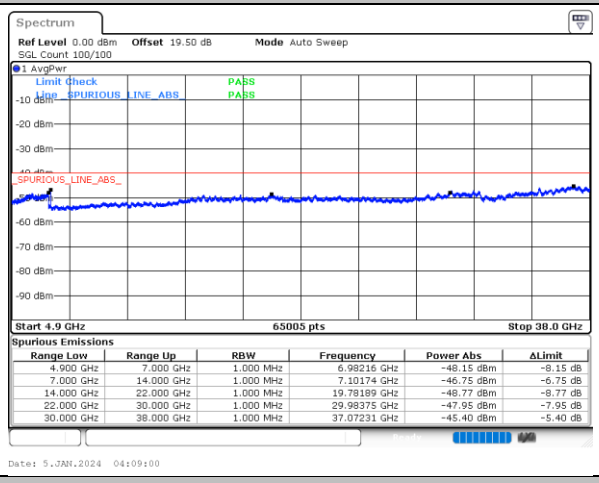




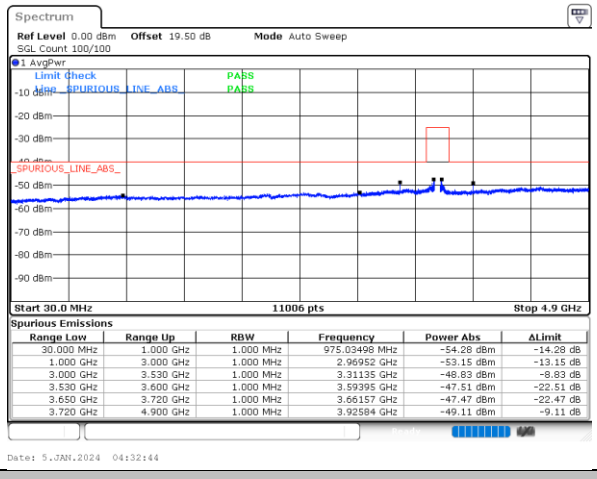
LTE Band 48 / 15MHz

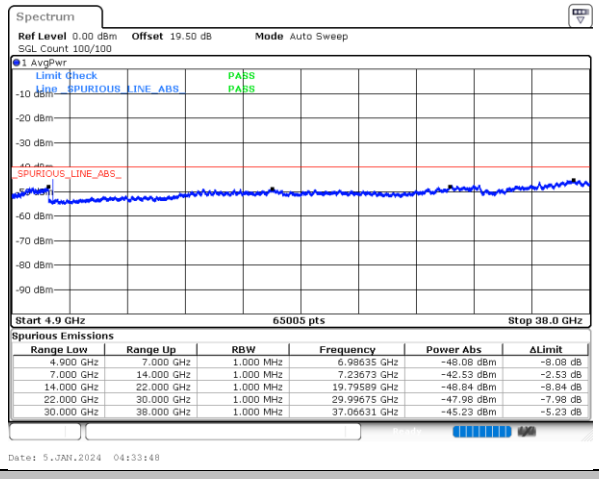
Lowest Channel / QPSK



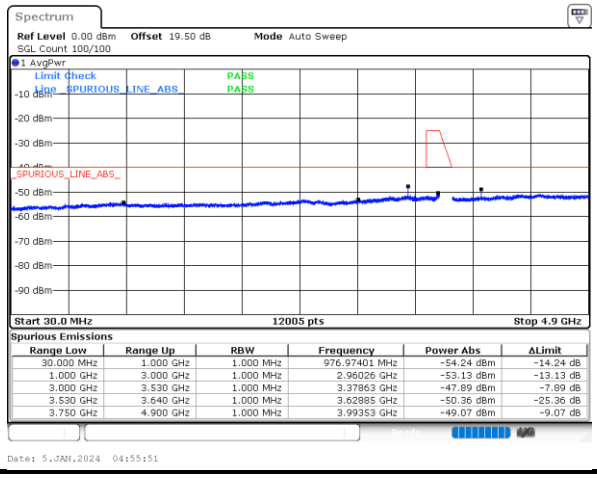


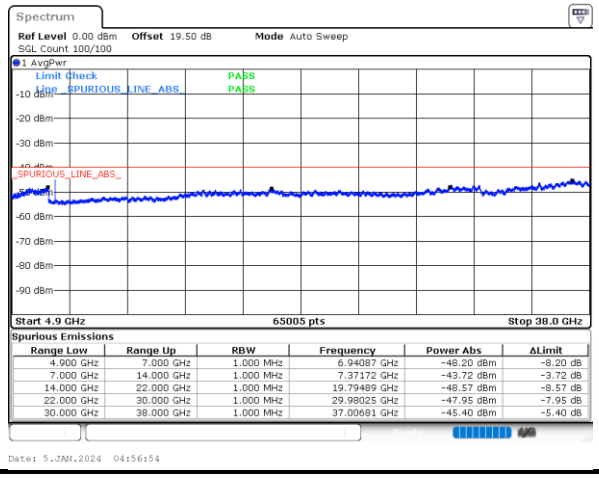
Middle Channel / QPSK





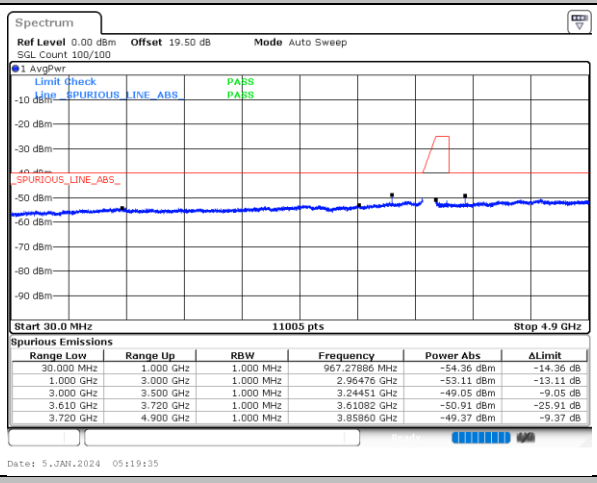
Highest Channel / QPSK

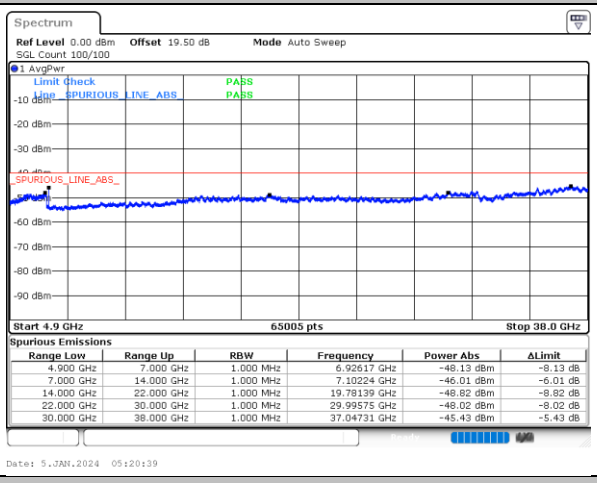




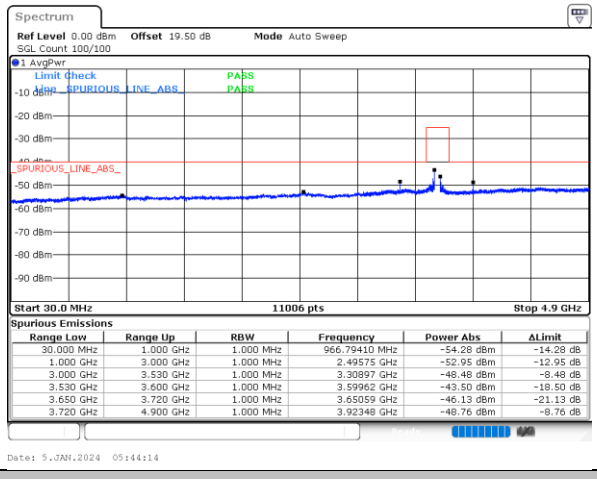
LTE Band 48 / 20MHz

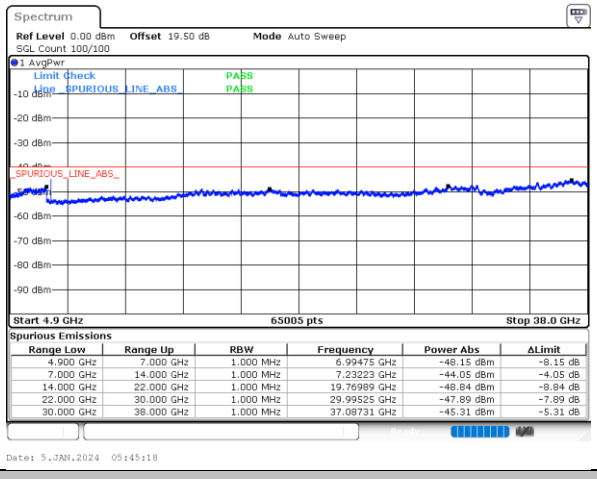
Lowest Channel / QPSK



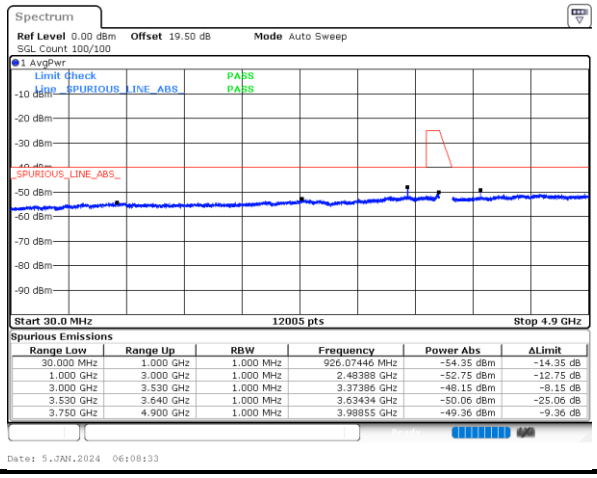


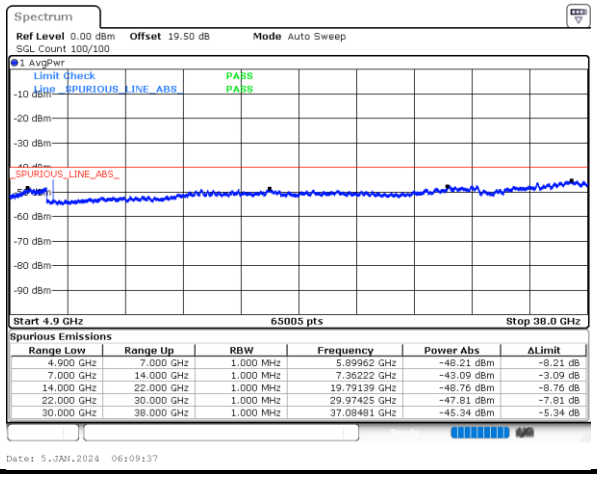
Middle Channel / QPSK





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	0.0004	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0052	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0200	

Note:

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

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25℃
		Relative Humidity :	41~42%

LTE Band 48 / 20MHz / QPSK / Ant.7								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7231	-61.82	-40	-21.82	-73.28	2.84	14.30	H
	10850	-48.96	-40	-8.96	-58.90	3.49	13.43	H
	14469	-60.25	-40	-20.25	-70.49	3.85	14.09	H
	7231	-60.46	-40	-20.46	-71.92	2.84	14.30	V
	10850	-43.29	-40	-3.29	-53.23	3.49	13.43	V
	14469	-59.94	-40	-19.94	-70.18	3.85	14.09	V

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