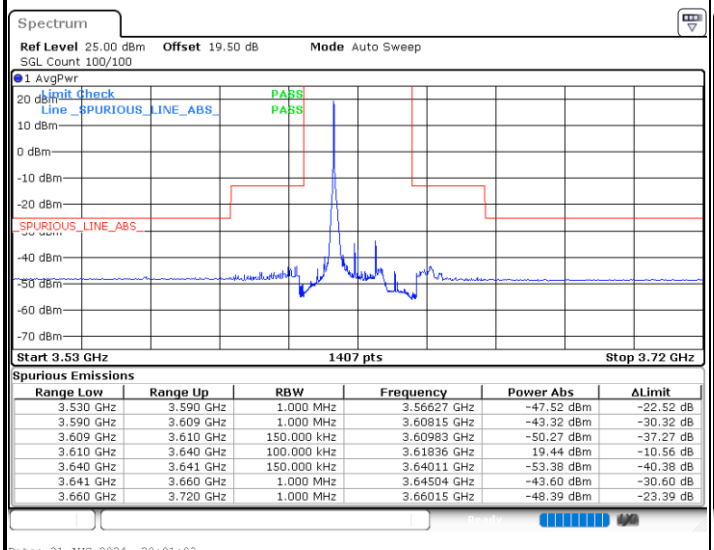
LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

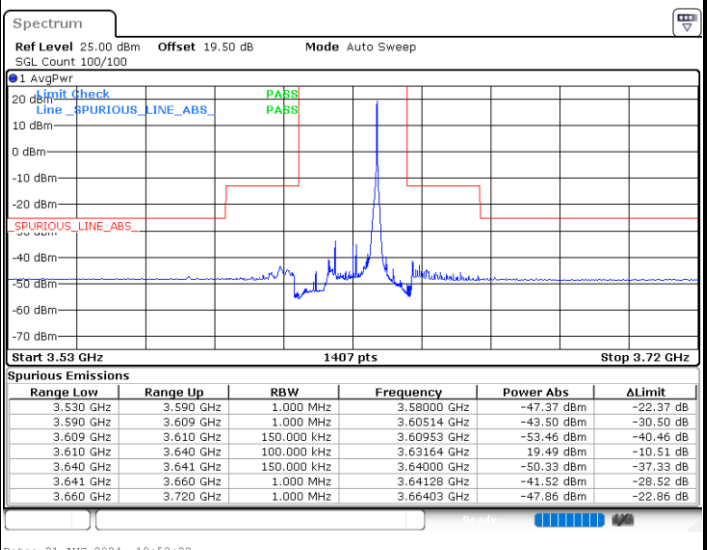


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.56627 GHz	-47.52 dBm	-22.52 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60815 GHz	-43.32 dBm	-30.32 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60983 GHz	-50.27 dBm	-37.27 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61836 GHz	19.44 dBm	-10.56 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64011 GHz	-53.38 dBm	-40.38 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64504 GHz	-43.60 dBm	-30.60 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-48.39 dBm	-23.39 dB

Date: 21.AUG.2024 20:01:03

Middle Channel / 1RBmax

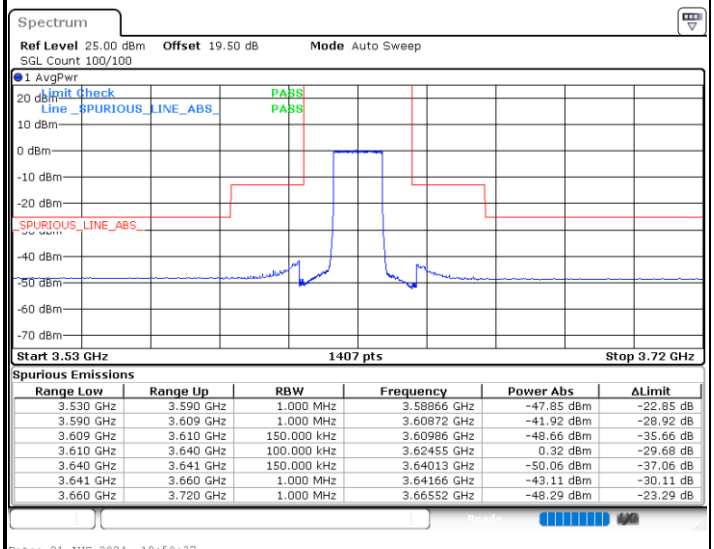


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58000 GHz	-47.37 dBm	-22.37 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60514 GHz	-43.50 dBm	-30.50 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60953 GHz	-53.46 dBm	-40.46 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63164 GHz	19.49 dBm	-10.51 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64000 GHz	-50.33 dBm	-37.33 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-41.52 dBm	-28.52 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66403 GHz	-47.86 dBm	-22.86 dB

Date: 21.AUG.2024 19:52:22

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58866 GHz	-47.85 dBm	-22.85 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60872 GHz	-41.92 dBm	-28.92 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60986 GHz	-48.66 dBm	-35.66 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62455 GHz	0.32 dBm	-29.68 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64013 GHz	-50.06 dBm	-37.06 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64166 GHz	-43.11 dBm	-30.11 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66552 GHz	-48.29 dBm	-23.29 dB

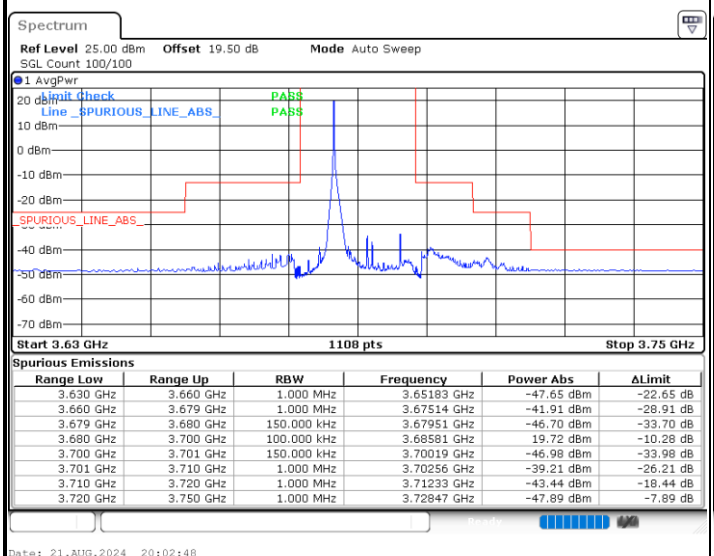
Date: 21.AUG.2024 19:50:37

N/A

LTE Band 48 / 15MHz

64QAM

Highest Channel / 1RB0

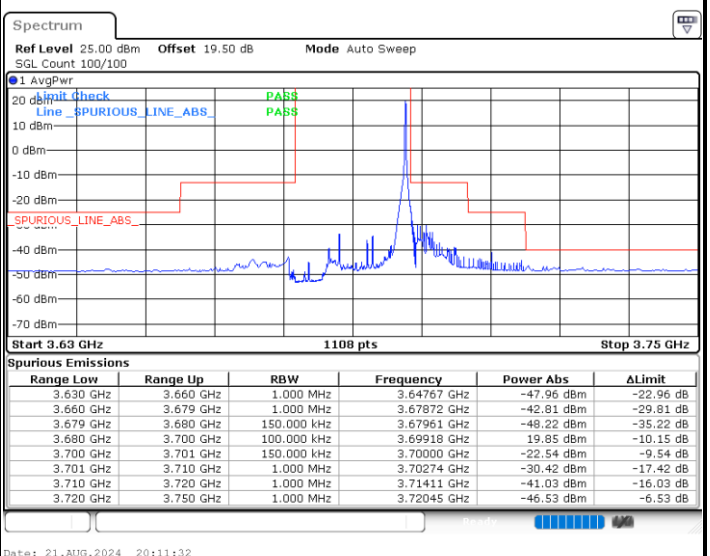


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65183 GHz	-47.65 dBm	-22.65 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67514 GHz	-41.91 dBm	-28.91 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67951 GHz	-46.70 dBm	-33.70 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68581 GHz	19.72 dBm	-10.28 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70019 GHz	-46.98 dBm	-33.98 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70256 GHz	-39.21 dBm	-26.21 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71233 GHz	-43.44 dBm	-18.44 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72847 GHz	-47.89 dBm	-7.89 dB

Date: 21.AUG.2024 20:02:48

Highest Channel / 1RBmax

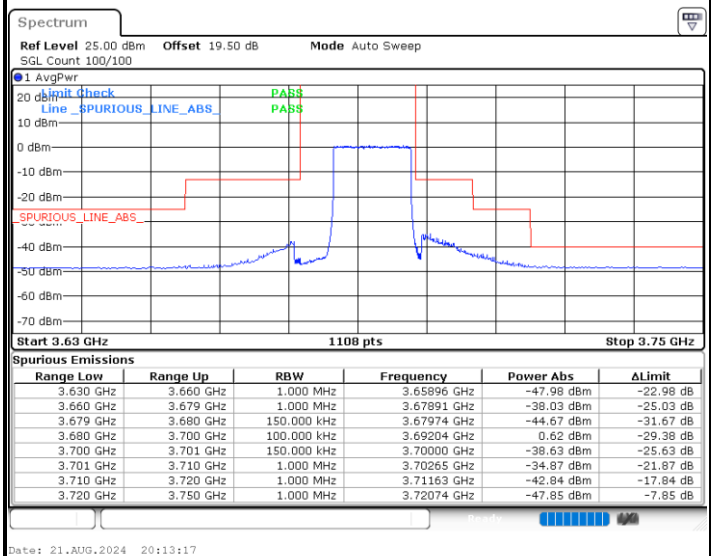


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64767 GHz	-47.96 dBm	-22.96 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67872 GHz	-42.81 dBm	-29.81 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67961 GHz	-48.22 dBm	-35.22 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69918 GHz	19.85 dBm	-10.15 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70000 GHz	-22.54 dBm	-9.54 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70274 GHz	-30.42 dBm	-17.42 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71411 GHz	-41.03 dBm	-16.03 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72045 GHz	-46.53 dBm	-6.53 dB

Date: 21.AUG.2024 20:11:32

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65896 GHz	-47.98 dBm	-22.98 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-38.03 dBm	-25.03 dB
3.679 GHz	3.680 GHz	150.000 kHz	3.67974 GHz	-44.67 dBm	-31.67 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69204 GHz	0.62 dBm	-29.38 dB
3.700 GHz	3.701 GHz	150.000 kHz	3.70000 GHz	-38.63 dBm	-25.63 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70265 GHz	-34.87 dBm	-21.87 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71163 GHz	-42.84 dBm	-17.84 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72074 GHz	-47.85 dBm	-7.85 dB

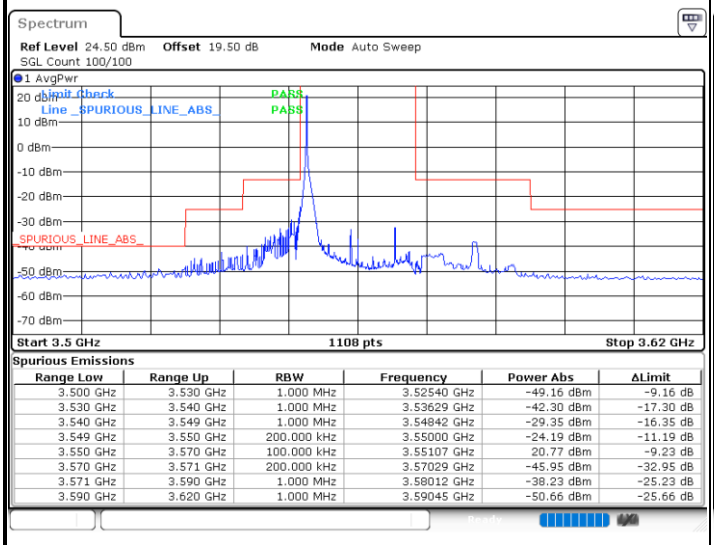
Date: 21.AUG.2024 20:13:17

N/A

LTE Band 48 / 20MHz

QPSK

Lowest Channel / 1RB0

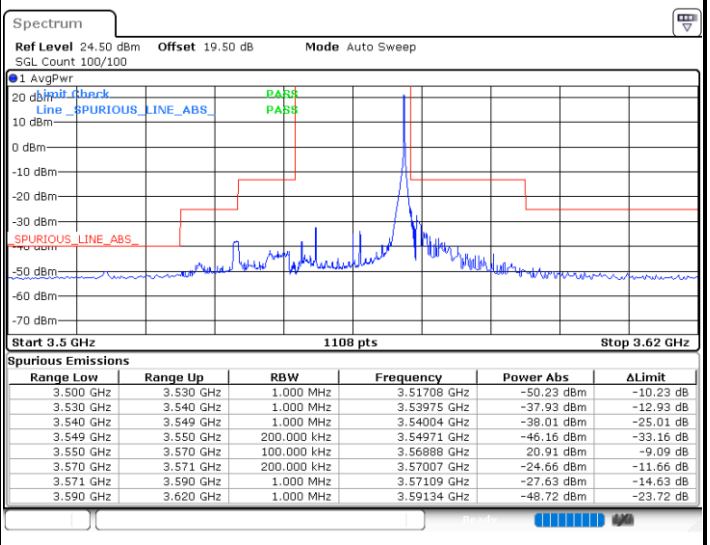


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52540 GHz	-49.16 dBm	-9.16 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53629 GHz	-42.30 dBm	-17.30 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54842 GHz	-29.35 dBm	-16.35 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-24.19 dBm	-11.19 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	20.77 dBm	-9.23 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57029 GHz	-45.95 dBm	-32.95 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.58012 GHz	-38.23 dBm	-25.23 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59045 GHz	-50.66 dBm	-25.66 dB

Date: 21.AUG.2024 20:19:15

Lowest Channel / 1RBmax

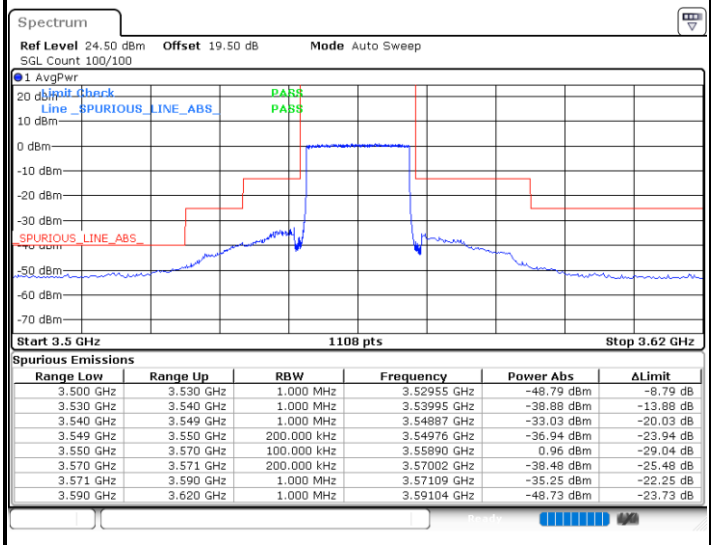


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51708 GHz	-50.23 dBm	-10.23 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-37.93 dBm	-12.93 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54004 GHz	-38.01 dBm	-25.01 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54971 GHz	-46.16 dBm	-33.16 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56888 GHz	20.91 dBm	-9.09 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57007 GHz	-24.66 dBm	-11.66 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-27.63 dBm	-14.63 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59134 GHz	-48.72 dBm	-23.72 dB

Date: 21.AUG.2024 20:28:01

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	-48.79 dBm	-8.79 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-38.88 dBm	-13.88 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54887 GHz	-33.03 dBm	-20.03 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54976 GHz	-36.94 dBm	-23.94 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55890 GHz	0.96 dBm	-29.04 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57002 GHz	-38.48 dBm	-25.48 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-35.25 dBm	-22.25 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59104 GHz	-48.73 dBm	-23.73 dB

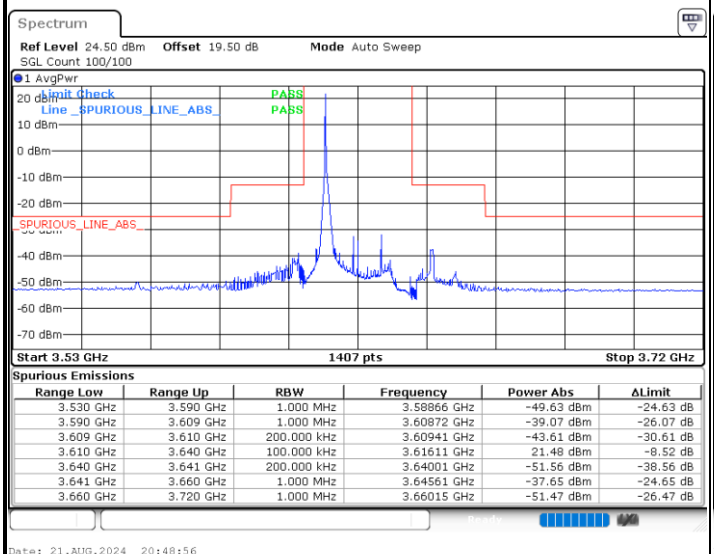
Date: 21.AUG.2024 20:29:47

N/A

LTE Band 48 / 20MHz

QPSK

Middle Channel / 1RB0

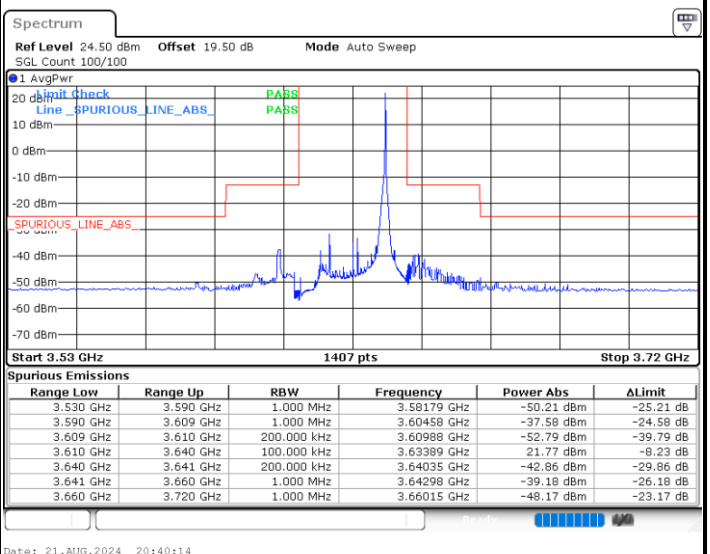


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58866 GHz	-49.63 dBm	-24.63 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60872 GHz	-39.07 dBm	-26.07 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60941 GHz	-43.61 dBm	-30.61 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	21.48 dBm	-8.52 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64001 GHz	-51.56 dBm	-38.56 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64561 GHz	-37.65 dBm	-24.65 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-51.47 dBm	-26.47 dB

Date: 21.AUG.2024 20:48:56

Middle Channel / 1RBmax

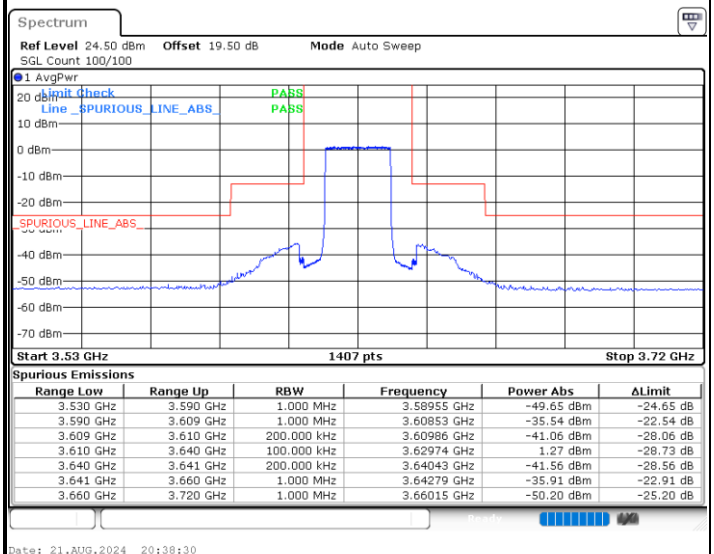


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58179 GHz	-50.21 dBm	-25.21 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60458 GHz	-37.58 dBm	-24.58 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60988 GHz	-52.79 dBm	-39.79 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63389 GHz	21.77 dBm	-8.23 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64035 GHz	-42.86 dBm	-29.86 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64298 GHz	-39.18 dBm	-26.18 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-48.17 dBm	-23.17 dB

Date: 21.AUG.2024 20:40:14

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58955 GHz	-49.65 dBm	-24.65 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60853 GHz	-35.54 dBm	-22.54 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60986 GHz	-41.06 dBm	-28.06 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62974 GHz	1.27 dBm	-28.73 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64043 GHz	-41.56 dBm	-28.56 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64279 GHz	-35.91 dBm	-22.91 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-50.20 dBm	-25.20 dB

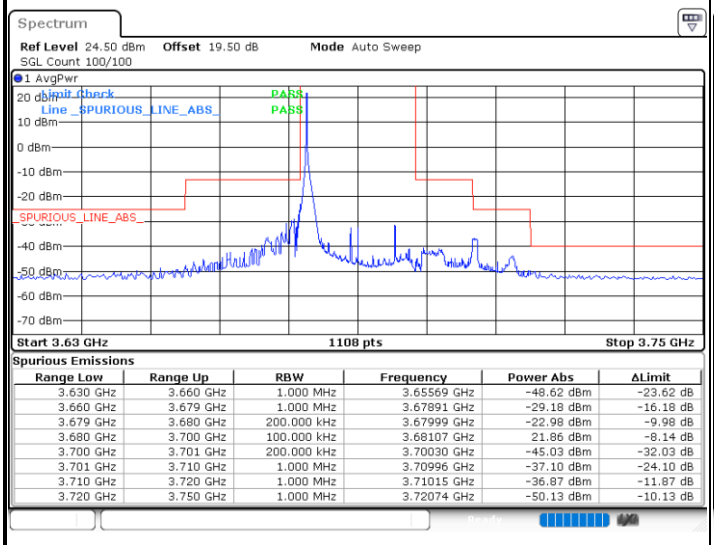
Date: 21.AUG.2024 20:38:30

N/A

LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

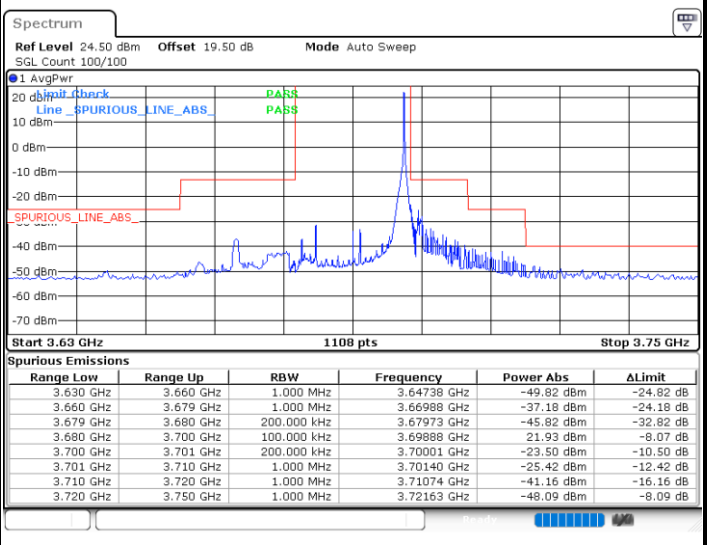


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65569 GHz	-48.62 dBm	-23.62 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-29.18 dBm	-16.18 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-22.98 dBm	-9.98 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	21.86 dBm	-8.14 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70030 GHz	-45.03 dBm	-32.03 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70996 GHz	-37.10 dBm	-24.10 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-36.87 dBm	-11.87 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72074 GHz	-50.13 dBm	-10.13 dB

Date: 21.AUG.2024 20:52:01

Highest Channel / 1RBmax

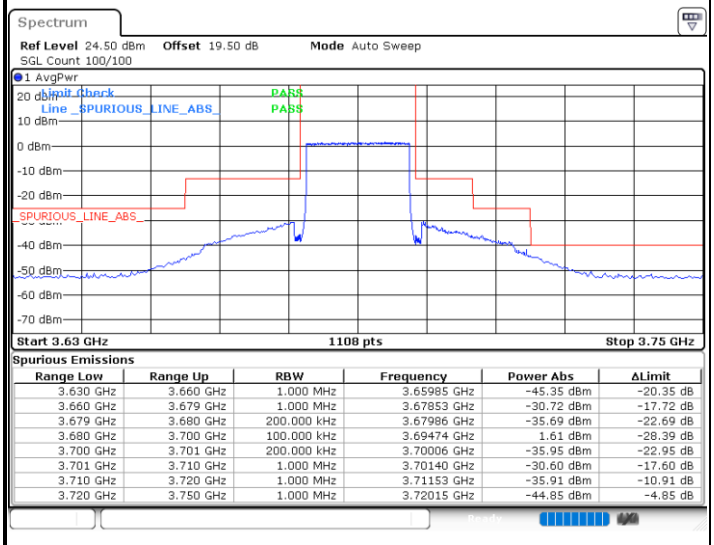


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64738 GHz	-49.82 dBm	-24.82 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.66988 GHz	-37.18 dBm	-24.18 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67973 GHz	-45.82 dBm	-32.82 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69888 GHz	21.93 dBm	-8.07 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-23.50 dBm	-10.50 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-25.42 dBm	-12.42 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71074 GHz	-41.16 dBm	-16.16 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72163 GHz	-48.09 dBm	-8.09 dB

Date: 21.AUG.2024 21:00:45

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	-45.35 dBm	-20.35 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67853 GHz	-30.72 dBm	-17.72 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67986 GHz	-35.69 dBm	-22.69 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69474 GHz	1.61 dBm	-28.39 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70006 GHz	-35.95 dBm	-22.95 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-30.60 dBm	-17.60 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71153 GHz	-35.91 dBm	-10.91 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-44.85 dBm	-4.85 dB

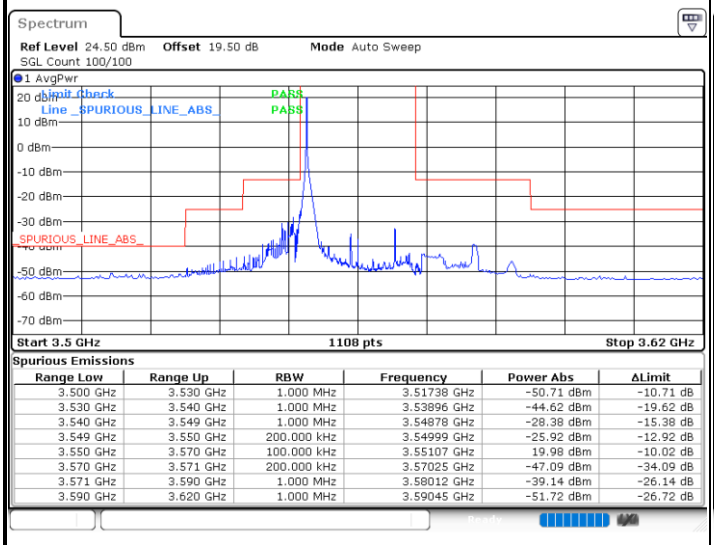
Date: 21.AUG.2024 21:02:30

N/A

LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

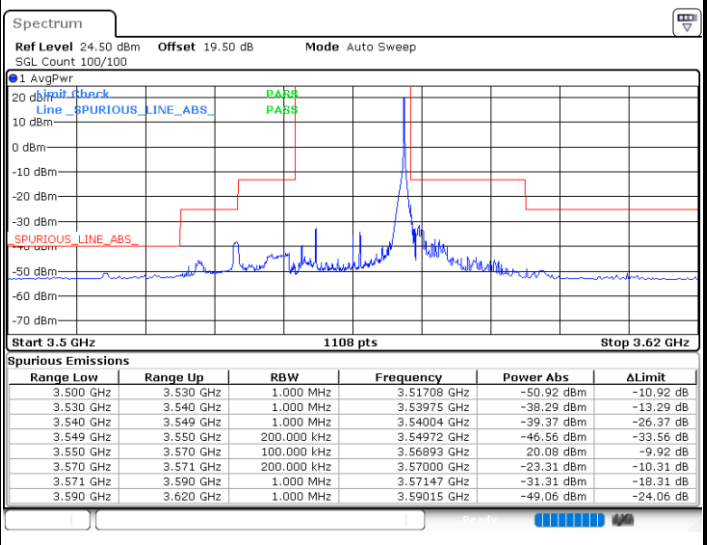


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51738 GHz	-50.71 dBm	-10.71 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53896 GHz	-44.62 dBm	-19.62 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-28.38 dBm	-15.38 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-25.92 dBm	-12.92 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	19.98 dBm	-10.02 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57025 GHz	-47.09 dBm	-34.09 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.58012 GHz	-39.14 dBm	-26.14 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59045 GHz	-51.72 dBm	-26.72 dB

Date: 21.AUG.2024 20:21:00

Lowest Channel / 1RBmax

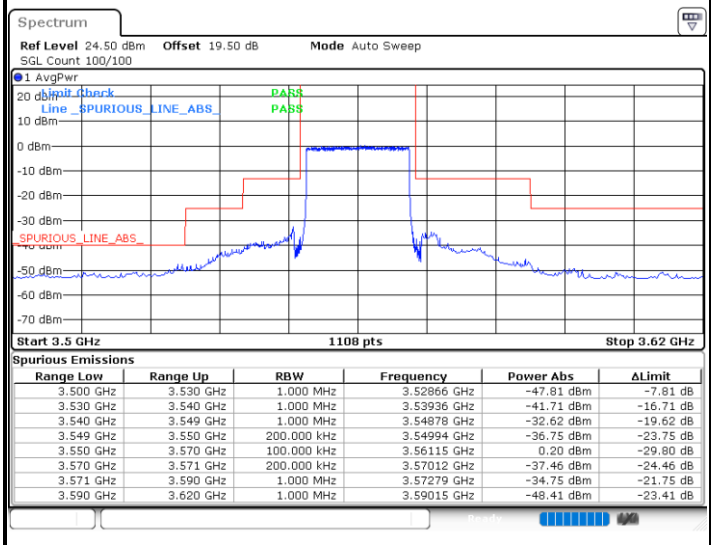


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51708 GHz	-50.92 dBm	-10.92 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-38.29 dBm	-13.29 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54004 GHz	-39.37 dBm	-26.37 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54972 GHz	-46.56 dBm	-33.56 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	20.08 dBm	-9.92 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-23.31 dBm	-10.31 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57147 GHz	-31.31 dBm	-18.31 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-49.06 dBm	-24.06 dB

Date: 21.AUG.2024 20:26:16

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	-47.81 dBm	-7.81 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53936 GHz	-41.71 dBm	-16.71 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-32.62 dBm	-19.62 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54994 GHz	-36.75 dBm	-23.75 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56115 GHz	0.20 dBm	-29.80 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57012 GHz	-37.46 dBm	-24.46 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57279 GHz	-34.75 dBm	-21.75 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-48.41 dBm	-23.41 dB

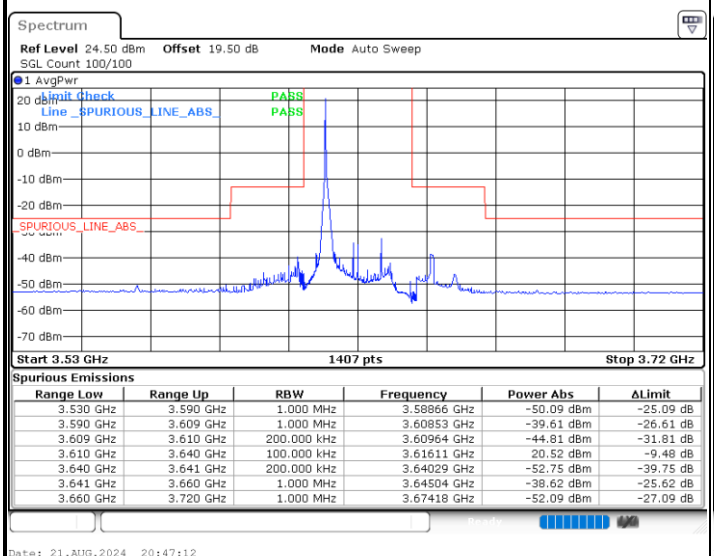
Date: 21.AUG.2024 20:31:32

N/A

LTE Band 48 / 20MHz

16QAM

Middle Channel / 1RB0

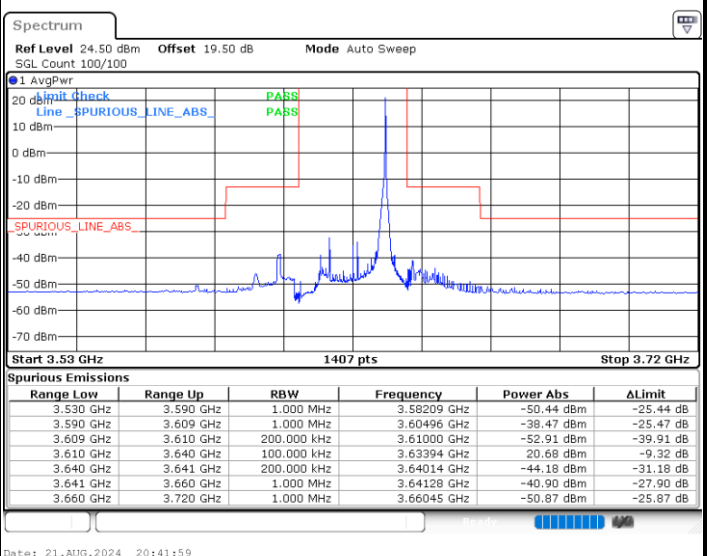


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58866 GHz	-50.09 dBm	-25.09 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60853 GHz	-39.61 dBm	-26.61 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60964 GHz	-44.81 dBm	-31.81 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	20.52 dBm	-9.48 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64029 GHz	-52.75 dBm	-39.75 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64504 GHz	-38.62 dBm	-25.62 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.67418 GHz	-52.09 dBm	-27.09 dB

Date: 21.AUG.2024 20:47:12

Middle Channel / 1RBmax

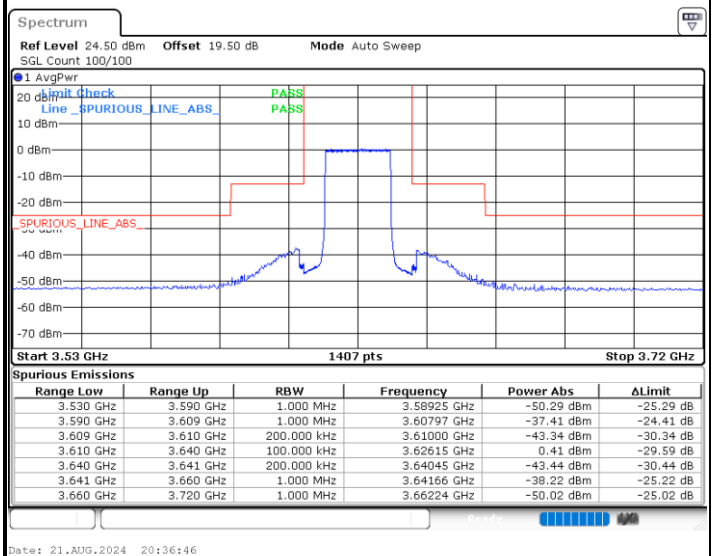


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58209 GHz	-50.44 dBm	-25.44 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60496 GHz	-38.47 dBm	-25.47 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.61000 GHz	-52.91 dBm	-39.91 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	20.68 dBm	-9.32 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64014 GHz	-44.18 dBm	-31.18 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-40.90 dBm	-27.90 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66045 GHz	-50.87 dBm	-25.87 dB

Date: 21.AUG.2024 20:41:59

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58925 GHz	-50.29 dBm	-25.29 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60797 GHz	-37.41 dBm	-24.41 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.61000 GHz	-43.34 dBm	-30.34 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62615 GHz	0.41 dBm	-29.59 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64045 GHz	-43.44 dBm	-30.44 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64166 GHz	-38.22 dBm	-25.22 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66224 GHz	-50.02 dBm	-25.02 dB

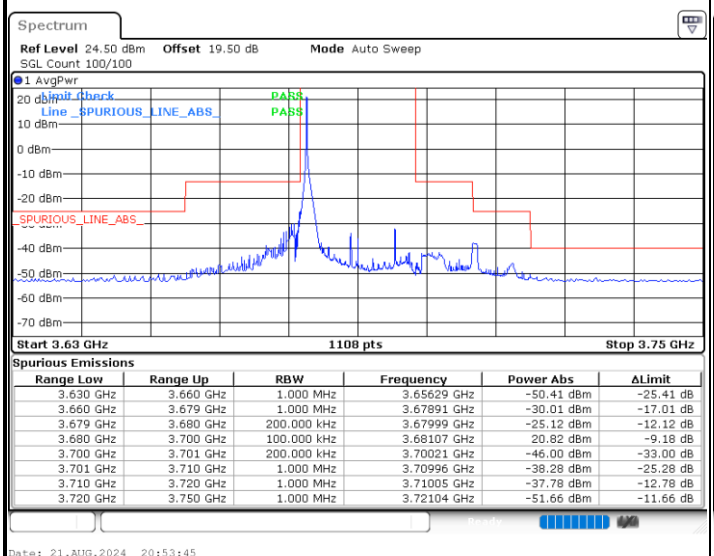
Date: 21.AUG.2024 20:36:46

N/A

LTE Band 48 / 20MHz

16QAM

Highest Channel / 1RB0

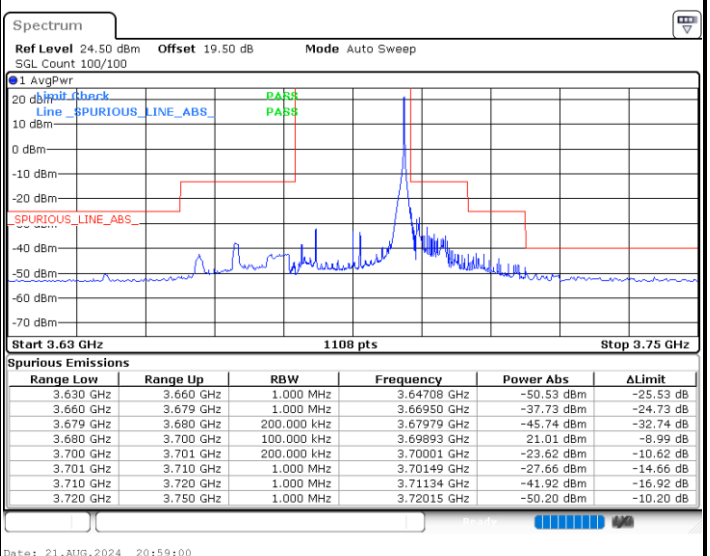


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65629 GHz	-50.41 dBm	-25.41 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-30.01 dBm	-17.01 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-25.12 dBm	-12.12 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	20.82 dBm	-9.18 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70021 GHz	-46.00 dBm	-33.00 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70996 GHz	-38.28 dBm	-25.28 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-37.78 dBm	-12.78 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72104 GHz	-51.66 dBm	-11.66 dB

Date: 21.AUG.2024 20:53:45

Highest Channel / 1RBmax

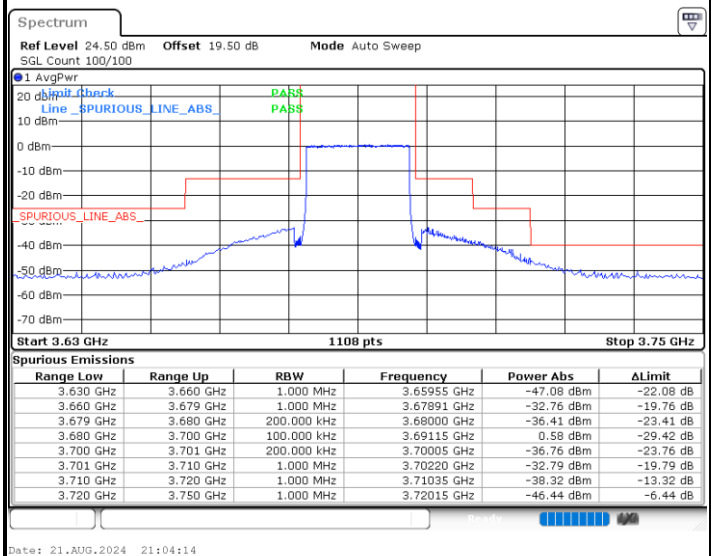


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.64708 GHz	-50.53 dBm	-25.53 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.66950 GHz	-37.73 dBm	-24.73 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67979 GHz	-45.74 dBm	-32.74 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	21.01 dBm	-8.99 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-23.62 dBm	-10.62 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70149 GHz	-27.66 dBm	-14.66 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71134 GHz	-41.92 dBm	-16.92 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-50.20 dBm	-10.20 dB

Date: 21.AUG.2024 20:59:00

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	-47.08 dBm	-22.08 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-32.76 dBm	-19.76 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.68000 GHz	-36.41 dBm	-23.41 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69115 GHz	0.58 dBm	-29.42 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70005 GHz	-36.76 dBm	-23.76 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70220 GHz	-32.79 dBm	-19.79 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71035 GHz	-38.32 dBm	-13.32 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-46.44 dBm	-6.44 dB

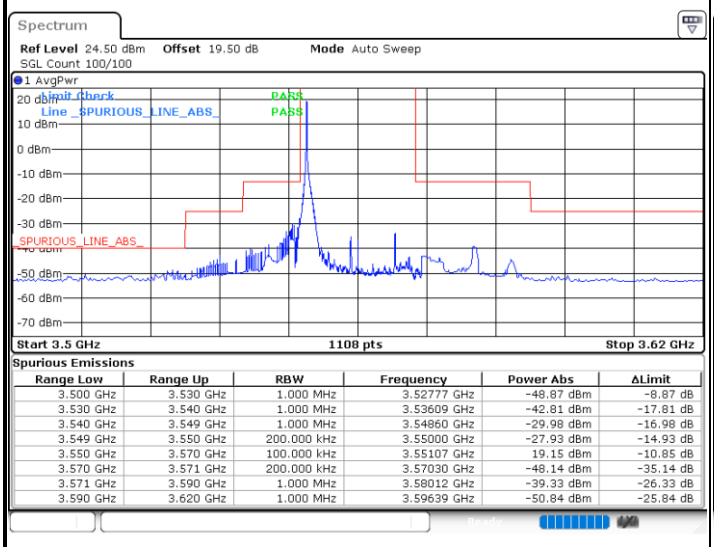
Date: 21.AUG.2024 21:04:14

N/A

LTE Band 48 / 20MHz

64QAM

Lowest Channel / 1RB0

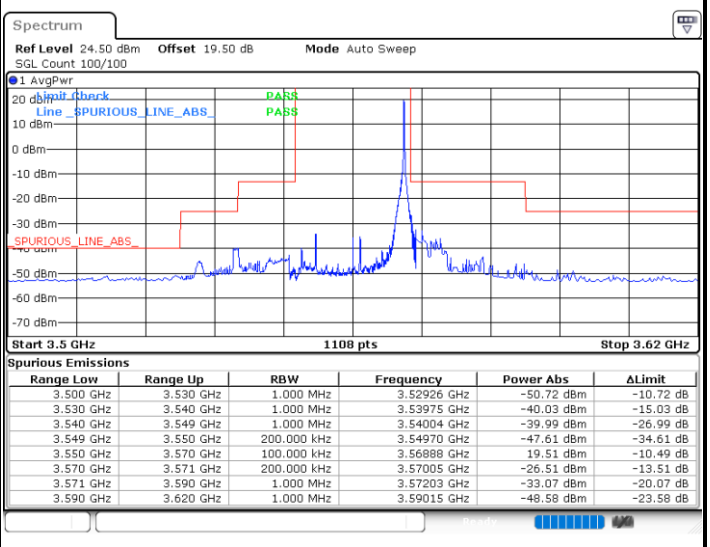


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52777 GHz	-48.87 dBm	-8.87 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53609 GHz	-42.81 dBm	-17.81 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54860 GHz	-29.98 dBm	-16.98 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-27.93 dBm	-14.93 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	19.15 dBm	-10.85 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57030 GHz	-48.14 dBm	-35.14 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.58012 GHz	-39.33 dBm	-26.33 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59639 GHz	-50.84 dBm	-25.84 dB

Date: 21.AUG.2024 20:22:45

Lowest Channel / 1RBmax

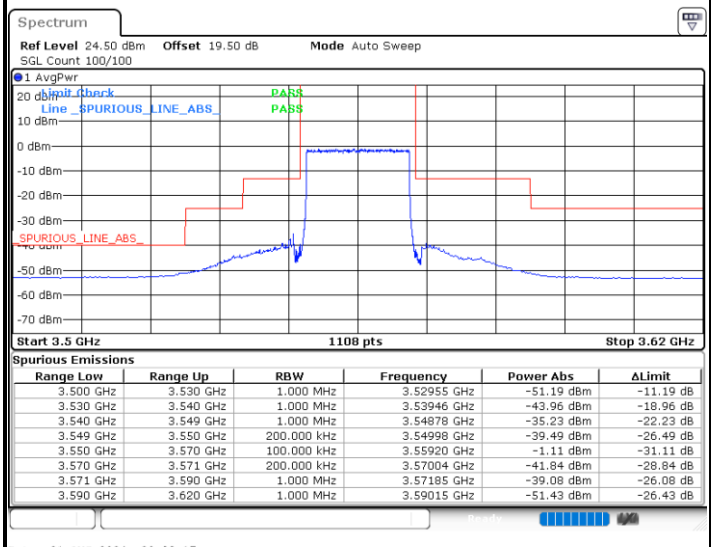


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52926 GHz	-50.72 dBm	-10.72 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-40.03 dBm	-15.03 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54004 GHz	-39.99 dBm	-26.99 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54970 GHz	-47.61 dBm	-34.61 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56888 GHz	19.51 dBm	-10.49 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57005 GHz	-26.51 dBm	-13.51 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57203 GHz	-33.07 dBm	-20.07 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-48.58 dBm	-23.58 dB

Date: 21.AUG.2024 20:24:31

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	-51.19 dBm	-11.19 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53946 GHz	-43.96 dBm	-18.96 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-35.23 dBm	-22.23 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54998 GHz	-39.49 dBm	-26.49 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55920 GHz	-1.11 dBm	-31.11 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57004 GHz	-41.84 dBm	-28.84 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57185 GHz	-39.08 dBm	-26.08 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-51.43 dBm	-26.43 dB

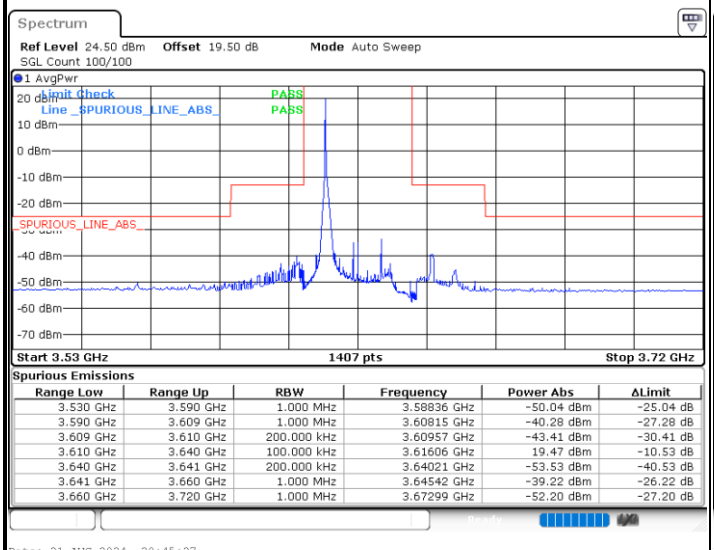
Date: 21.AUG.2024 20:33:17

N/A

LTE Band 48 / 20MHz

64QAM

Middle Channel / 1RB0

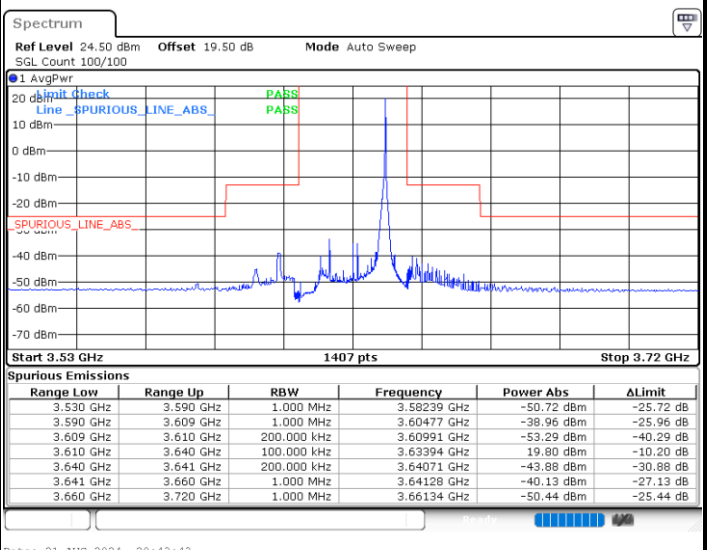


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58836 GHz	-50.04 dBm	-25.04 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60815 GHz	-40.28 dBm	-27.28 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60957 GHz	-43.41 dBm	-30.41 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61606 GHz	19.47 dBm	-10.53 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64021 GHz	-53.53 dBm	-40.53 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64542 GHz	-39.22 dBm	-26.22 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.67299 GHz	-52.20 dBm	-27.20 dB

Date: 21.AUG.2024 20:45:27

Middle Channel / 1RBmax

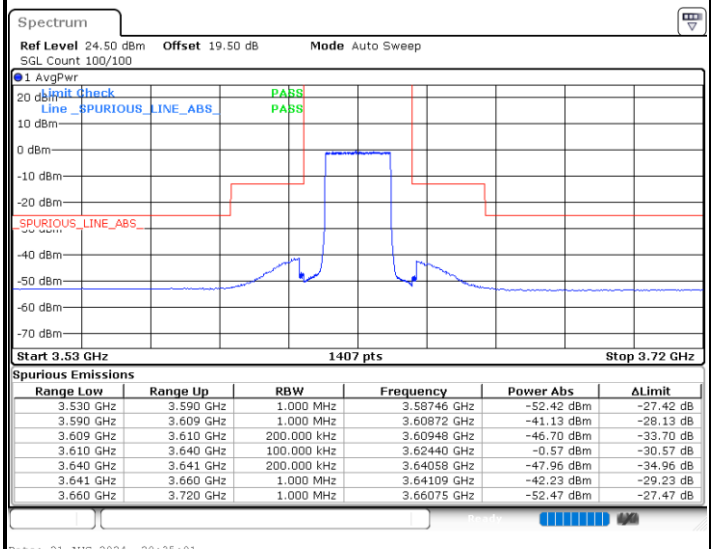


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58239 GHz	-50.72 dBm	-25.72 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60477 GHz	-38.96 dBm	-25.96 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60991 GHz	-53.29 dBm	-40.29 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	19.80 dBm	-10.20 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64071 GHz	-43.88 dBm	-30.88 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-40.13 dBm	-27.13 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66134 GHz	-50.44 dBm	-25.44 dB

Date: 21.AUG.2024 20:43:43

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58746 GHz	-52.42 dBm	-27.42 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60872 GHz	-41.13 dBm	-28.13 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60948 GHz	-46.70 dBm	-33.70 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62440 GHz	-0.57 dBm	-30.57 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64058 GHz	-47.96 dBm	-34.96 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-42.23 dBm	-29.23 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66075 GHz	-52.47 dBm	-27.47 dB

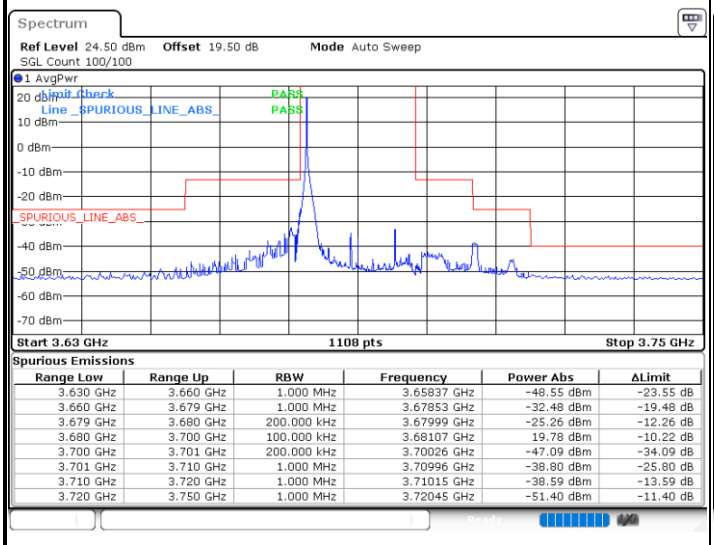
Date: 21.AUG.2024 20:35:01

N/A

LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

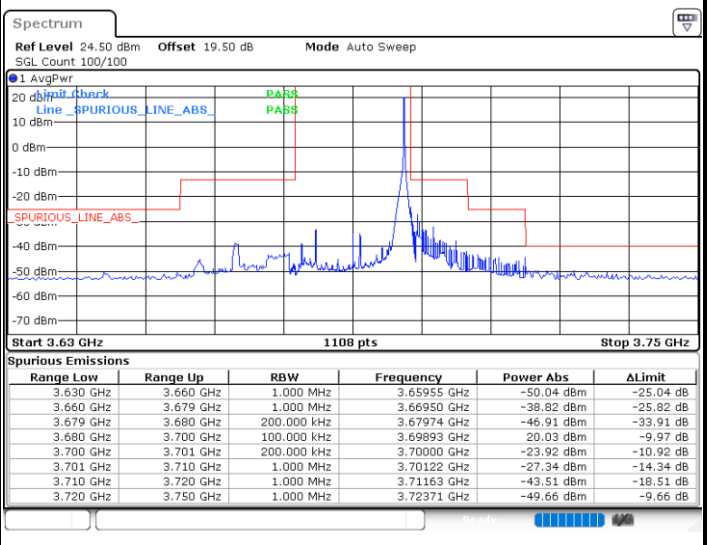


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65837 GHz	-48.55 dBm	-23.55 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67853 GHz	-32.48 dBm	-19.48 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-25.26 dBm	-12.26 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	19.78 dBm	-10.22 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70026 GHz	-47.09 dBm	-34.09 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70996 GHz	-38.80 dBm	-25.80 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-38.59 dBm	-13.59 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72045 GHz	-51.40 dBm	-11.40 dB

Date: 21.AUG.2024 20:55:30

Highest Channel / 1RBmax

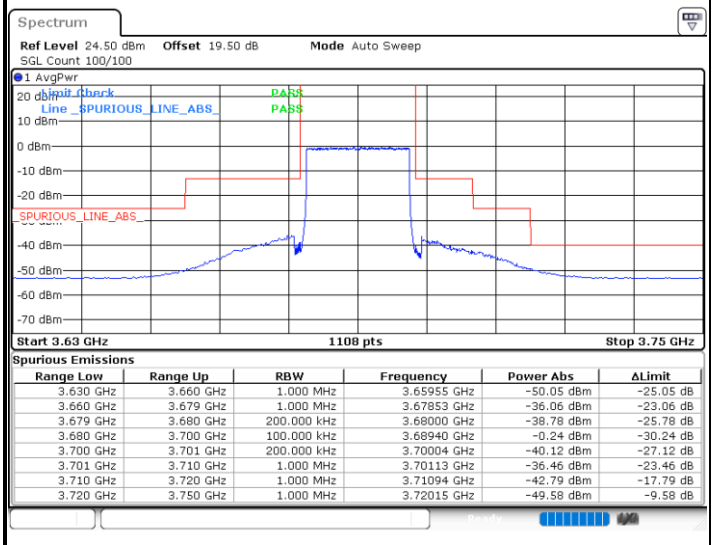


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65955 GHz	-50.04 dBm	-25.04 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.66950 GHz	-38.82 dBm	-25.82 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67974 GHz	-46.91 dBm	-33.91 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69893 GHz	20.03 dBm	-9.97 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-23.92 dBm	-10.92 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-27.34 dBm	-14.34 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71163 GHz	-43.51 dBm	-18.51 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72371 GHz	-49.66 dBm	-9.66 dB

Date: 21.AUG.2024 20:57:15

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.630 GHz	3.660 GHz	1.000 MHz	3.65955 GHz	-50.05 dBm	-25.05 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67853 GHz	-36.06 dBm	-23.06 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.68000 GHz	-38.78 dBm	-25.78 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68940 GHz	-0.24 dBm	-30.24 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70004 GHz	-40.12 dBm	-27.12 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70113 GHz	-36.46 dBm	-23.46 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71094 GHz	-42.79 dBm	-17.79 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-49.58 dBm	-9.58 dB

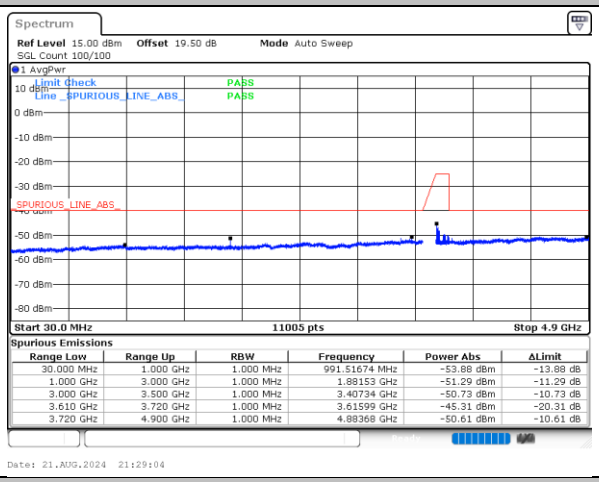
Date: 21.AUG.2024 21:05:59

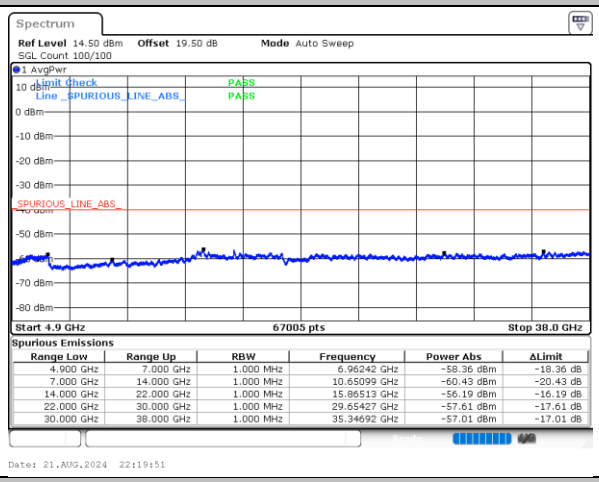
N/A

Conducted Spurious Emission

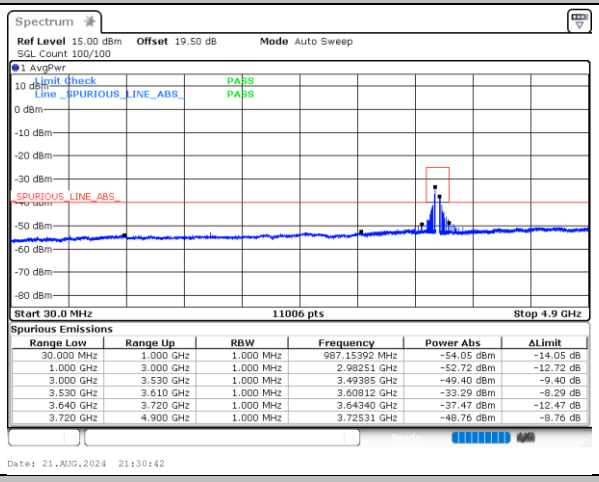
LTE Band 48 / 5MHz

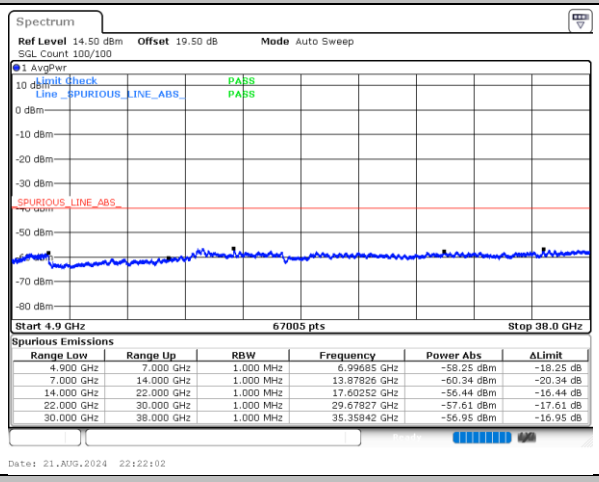
Lowest Channel / QPSK



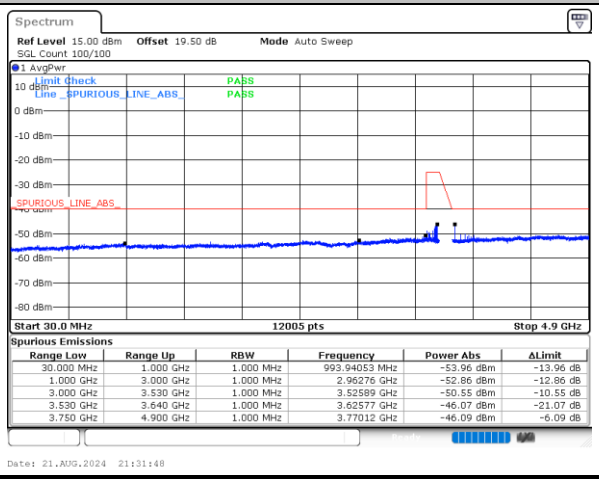


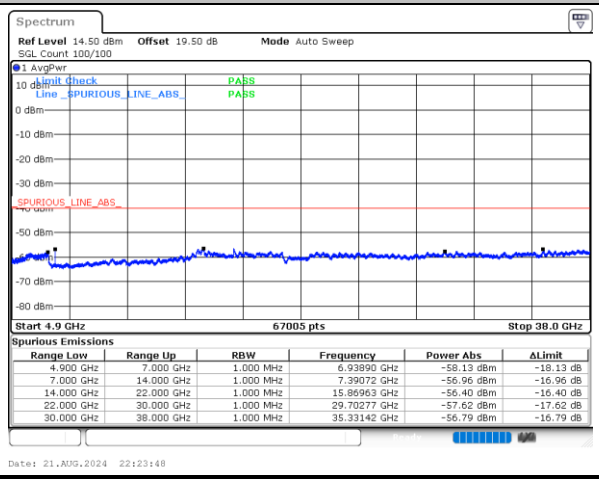
Middle Channel / QPSK





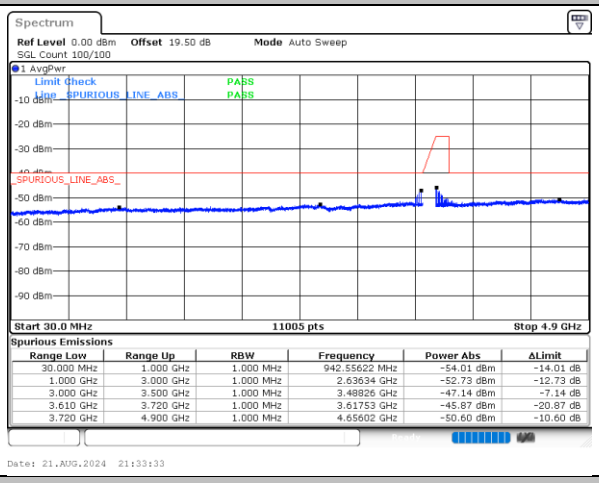
Highest Channel / QPSK

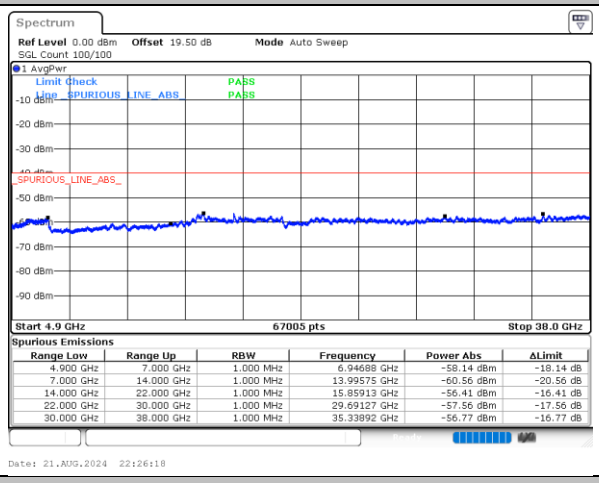




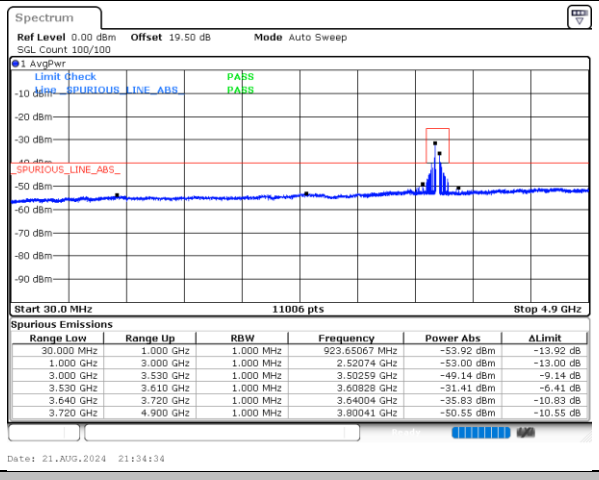
LTE Band 48 / 10MHz

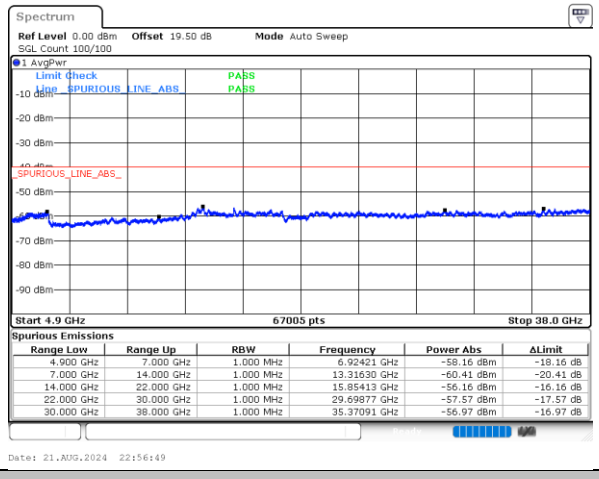
Lowest Channel / QPSK



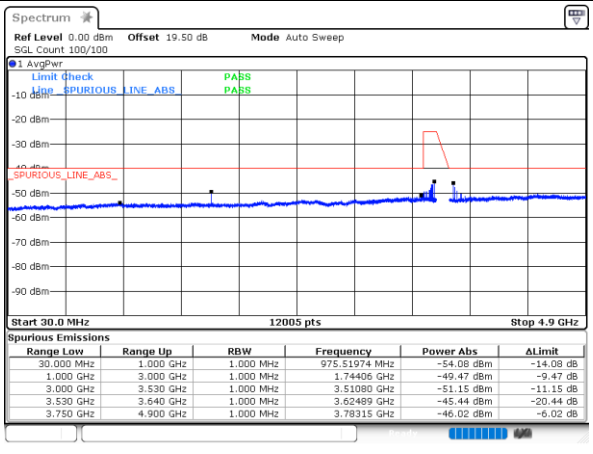


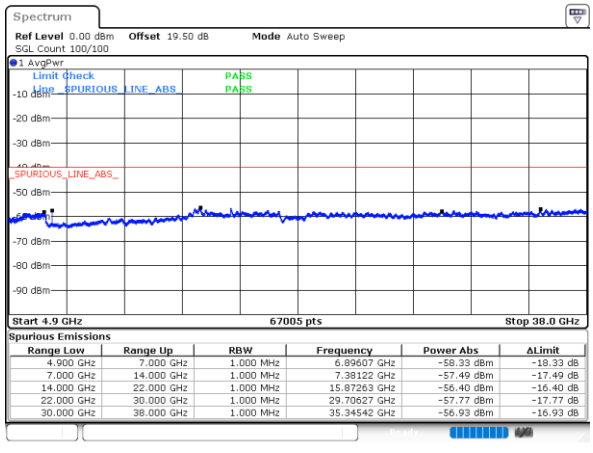
Middle Channel / QPSK





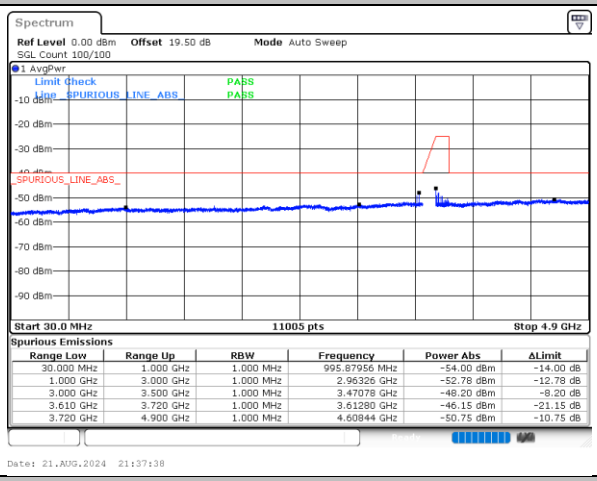
Highest Channel / QPSK

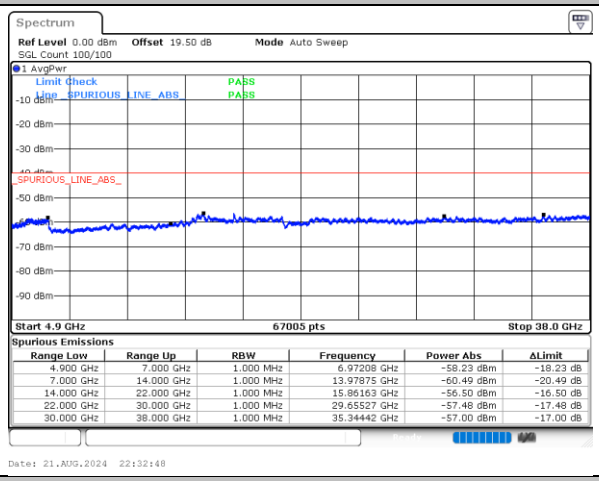




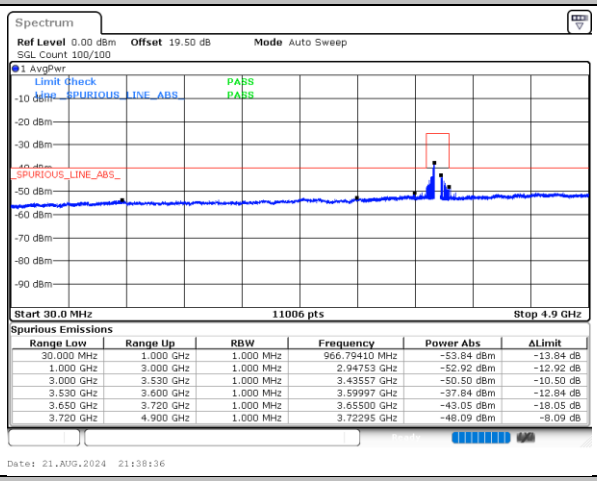
LTE Band 48 / 15MHz

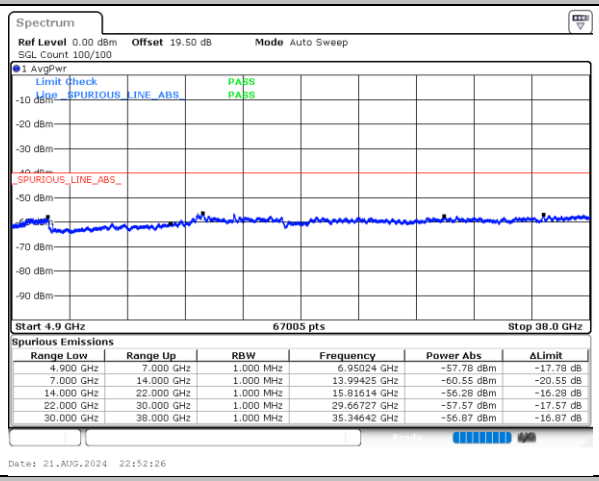
Lowest Channel / QPSK



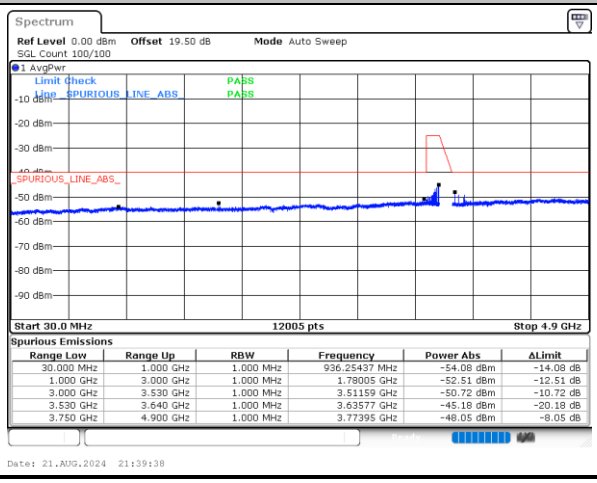


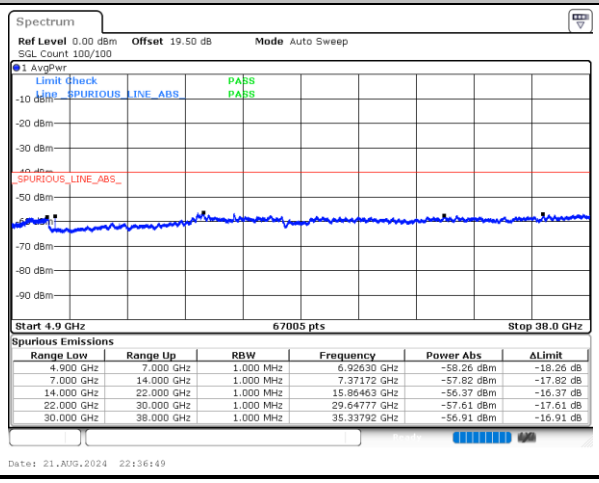
Middle Channel / QPSK





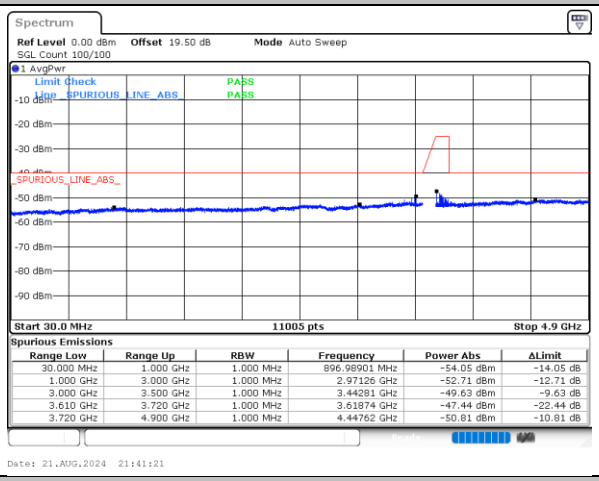
Highest Channel / QPSK

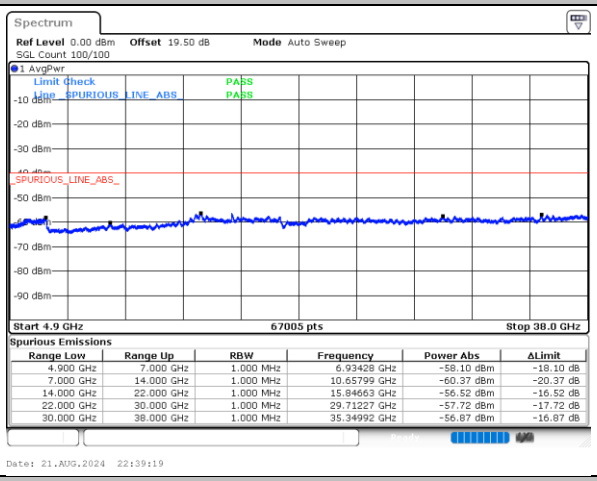




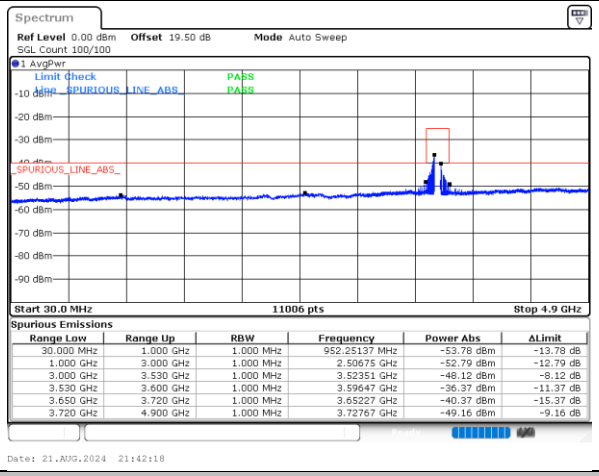
LTE Band 48 / 20MHz

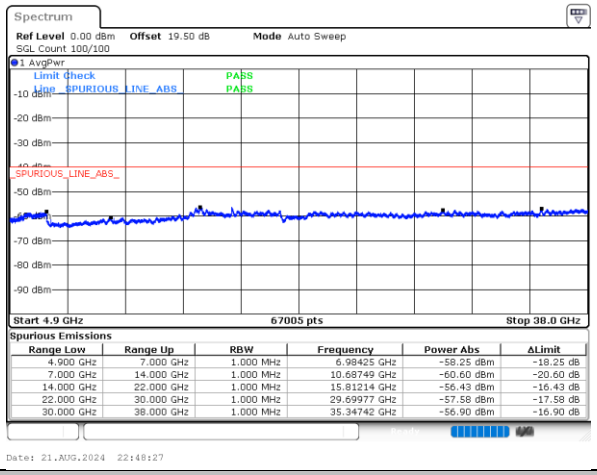
Lowest Channel / QPSK



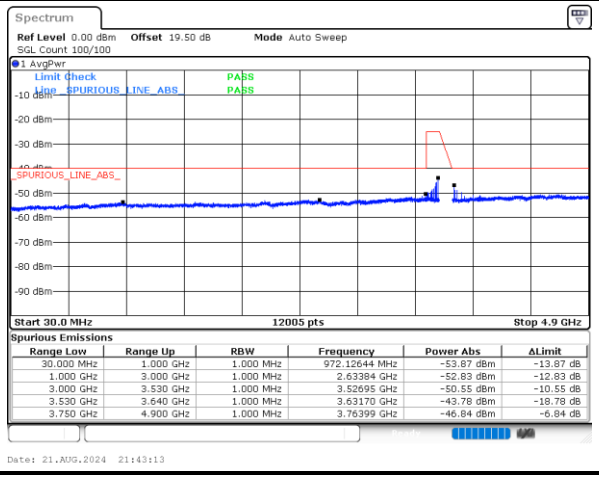


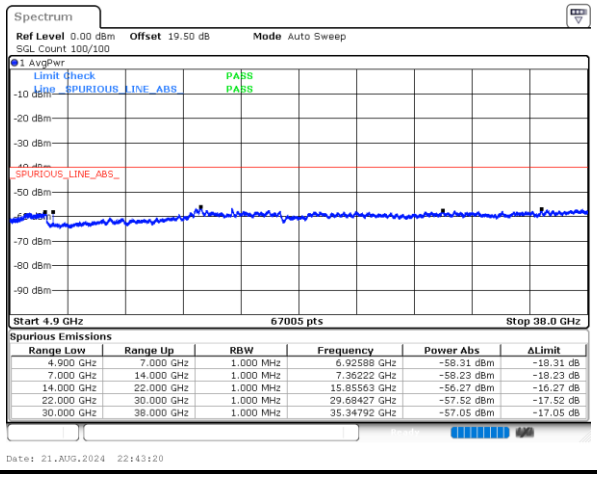
Middle Channel / QPSK





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	0.0012	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0003	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (ACLRP) = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

LTE Band 48 / 20MHz / QPSK / Ant.4									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7232.00	-51.39	-40	-11.39	-60.07	-54.69	8.30	11.60	H
	10848.00	-49.70	-40	-9.70	-63.41	-51.22	10.48	12.00	H
	14464.00	-53.65	-40	-13.65	-69.87	-55.35	11.80	13.50	H
	7232.00	-50.38	-40	-10.38	-60.79	-53.68	8.30	11.60	V
	10848.00	-52.13	-40	-12.13	-67.46	-53.65	10.48	12.00	V
	14464.00	-54.14	-40	-14.14	-69.95	-55.84	11.80	13.50	V

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