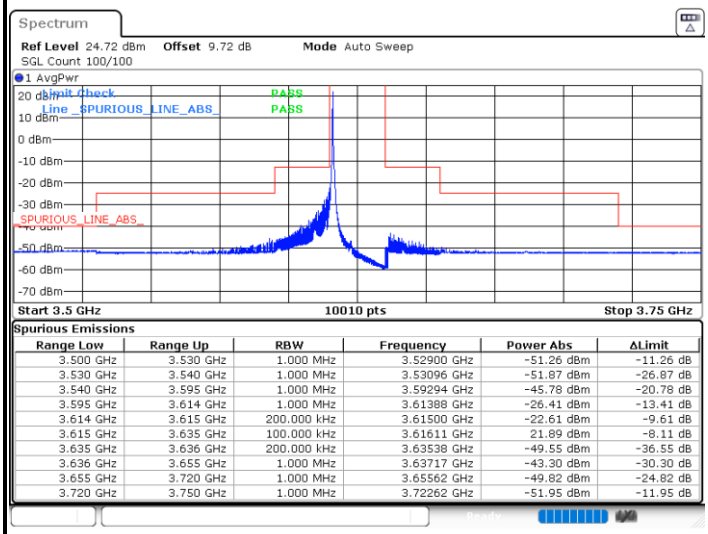
LTE Band 48 / 20MHz

QPSK

Middle Channel / 1RB0

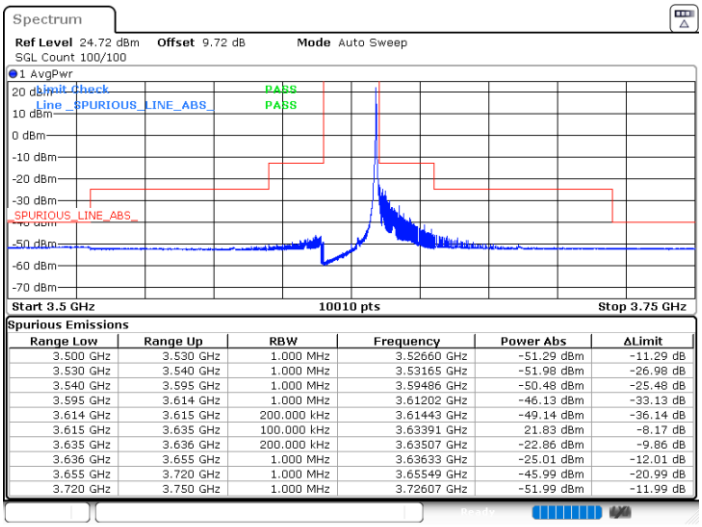


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52900 GHz	-51.26 dBm	-11.26 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53096 GHz	-51.87 dBm	-26.87 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59294 GHz	-45.78 dBm	-20.78 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61388 GHz	-26.41 dBm	-13.41 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61500 GHz	-22.61 dBm	-9.61 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61611 GHz	21.89 dBm	-8.11 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63538 GHz	-49.55 dBm	-36.55 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63717 GHz	-43.30 dBm	-30.30 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65562 GHz	-49.82 dBm	-24.82 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72262 GHz	-51.95 dBm	-11.95 dB

Date: 29.AUG.2024 16:17:54

Middle Channel / 1RBmax

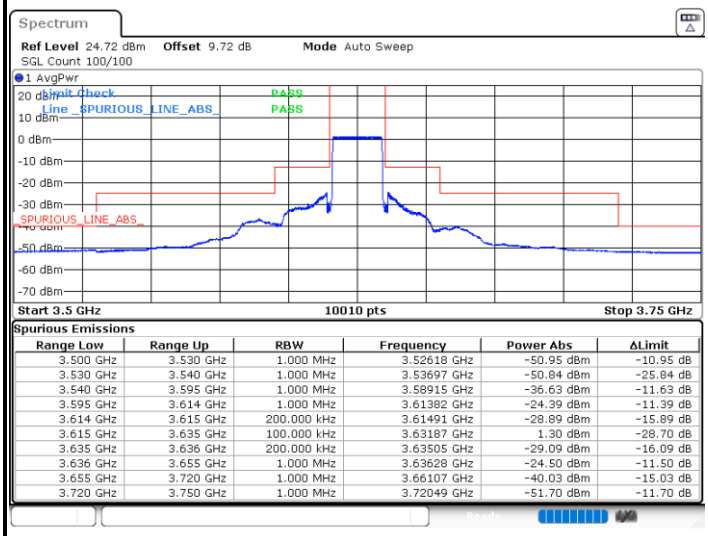


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52660 GHz	-51.29 dBm	-11.29 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53165 GHz	-51.98 dBm	-26.98 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59486 GHz	-50.48 dBm	-25.48 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61202 GHz	-46.13 dBm	-33.13 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61443 GHz	-49.14 dBm	-36.14 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	21.83 dBm	-8.17 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63507 GHz	-22.86 dBm	-9.86 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63633 GHz	-25.01 dBm	-12.01 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65549 GHz	-45.99 dBm	-20.99 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72607 GHz	-51.99 dBm	-11.99 dB

Date: 29.AUG.2024 16:26:17

Middle Channel / Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52618 GHz	-50.95 dBm	-10.95 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53697 GHz	-50.84 dBm	-25.84 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.58915 GHz	-36.63 dBm	-11.63 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61382 GHz	-24.39 dBm	-11.39 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61491 GHz	-28.89 dBm	-15.89 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63187 GHz	1.30 dBm	-28.70 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63505 GHz	-29.09 dBm	-16.09 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63628 GHz	-24.50 dBm	-11.50 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66107 GHz	-40.03 dBm	-15.03 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72049 GHz	-51.70 dBm	-11.70 dB

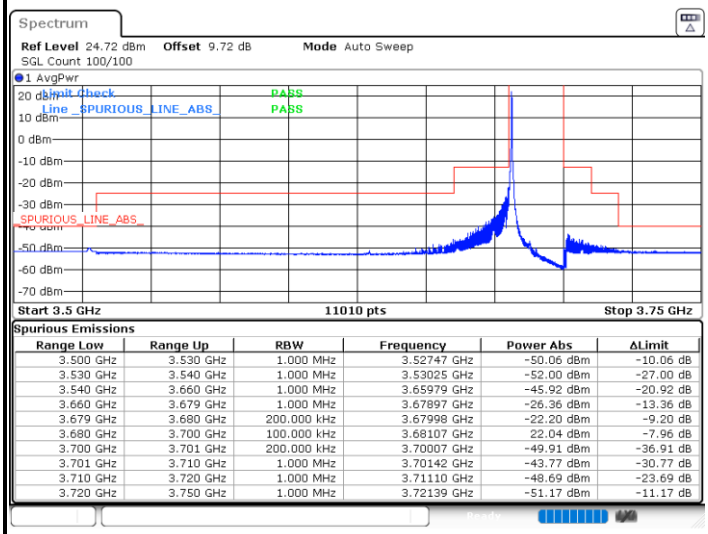
Date: 29.AUG.2024 16:34:40

N/A

LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

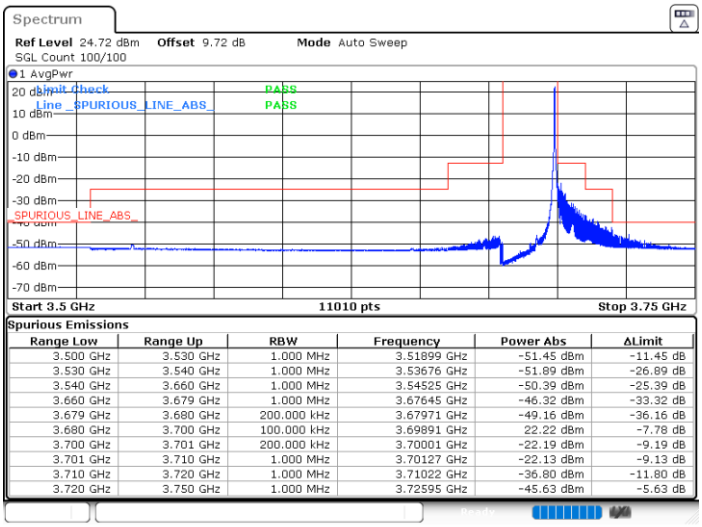


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52747 GHz	-50.06 dBm	-10.06 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53025 GHz	-52.00 dBm	-27.00 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65979 GHz	-45.92 dBm	-20.92 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67897 GHz	-26.36 dBm	-13.36 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67998 GHz	-22.20 dBm	-9.20 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	22.04 dBm	-7.96 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70007 GHz	-49.91 dBm	-36.91 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70142 GHz	-43.77 dBm	-30.77 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71110 GHz	-48.69 dBm	-23.69 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72139 GHz	-51.17 dBm	-11.17 dB

Date: 29.AUG.2024 16:43:03

Highest Channel / 1RBmax

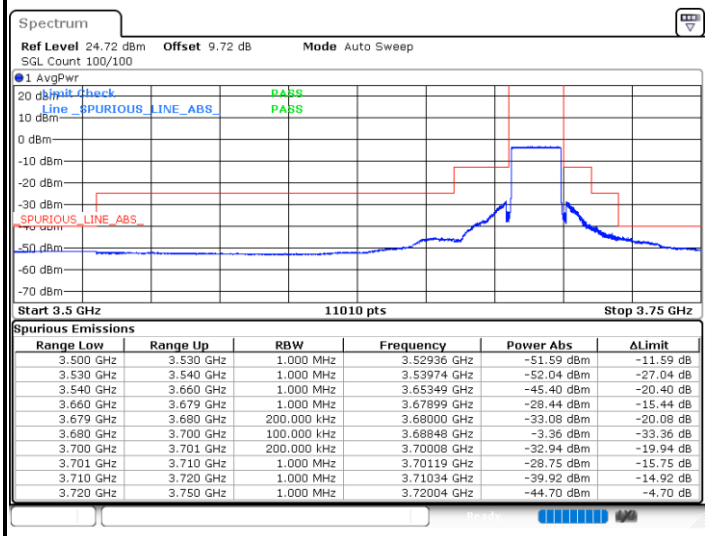


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51899 GHz	-51.45 dBm	-11.45 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53676 GHz	-51.89 dBm	-26.89 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.54525 GHz	-50.39 dBm	-25.39 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67645 GHz	-46.32 dBm	-33.32 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67971 GHz	-49.16 dBm	-36.16 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69891 GHz	22.22 dBm	-7.78 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-22.19 dBm	-9.19 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70127 GHz	-22.13 dBm	-9.13 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71022 GHz	-36.80 dBm	-11.80 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72595 GHz	-45.63 dBm	-5.63 dB

Date: 29.AUG.2024 16:51:29

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52936 GHz	-51.59 dBm	-11.59 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53974 GHz	-52.04 dBm	-27.04 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65349 GHz	-45.40 dBm	-20.40 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67899 GHz	-28.44 dBm	-15.44 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.68000 GHz	-33.08 dBm	-20.08 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68848 GHz	-3.36 dBm	-33.36 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70008 GHz	-32.94 dBm	-19.94 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70119 GHz	-28.75 dBm	-15.75 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71034 GHz	-39.92 dBm	-14.92 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72004 GHz	-44.70 dBm	-4.70 dB

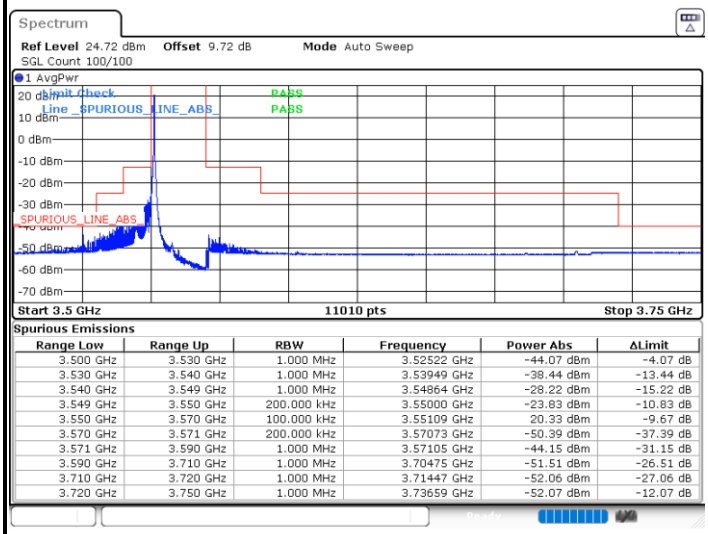
Date: 30.AUG.2024 10:53:09

N/A

LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

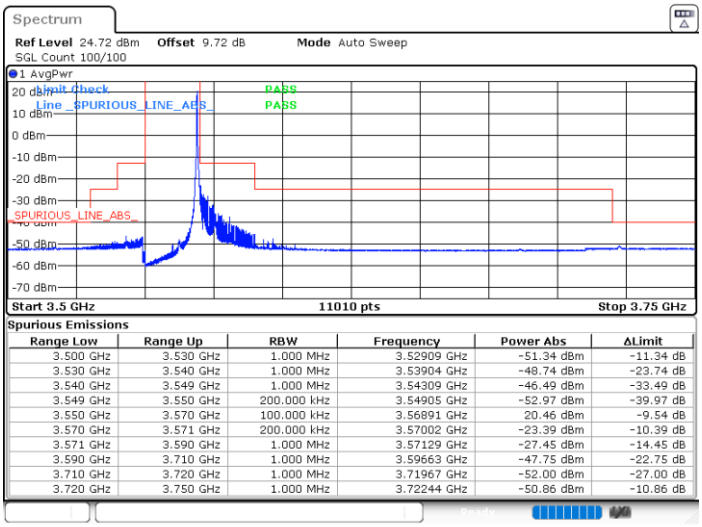


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52522 GHz	-44.07 dBm	-4.07 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53949 GHz	-38.44 dBm	-13.44 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54864 GHz	-28.22 dBm	-15.22 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-23.83 dBm	-10.83 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55109 GHz	20.33 dBm	-9.67 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57073 GHz	-50.39 dBm	-37.39 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57105 GHz	-44.15 dBm	-31.15 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.70475 GHz	-51.51 dBm	-26.51 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71447 GHz	-52.06 dBm	-27.06 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73659 GHz	-52.07 dBm	-12.07 dB

Date: 29.AUG.2024 15:54:45

Lowest Channel / 1RBmax

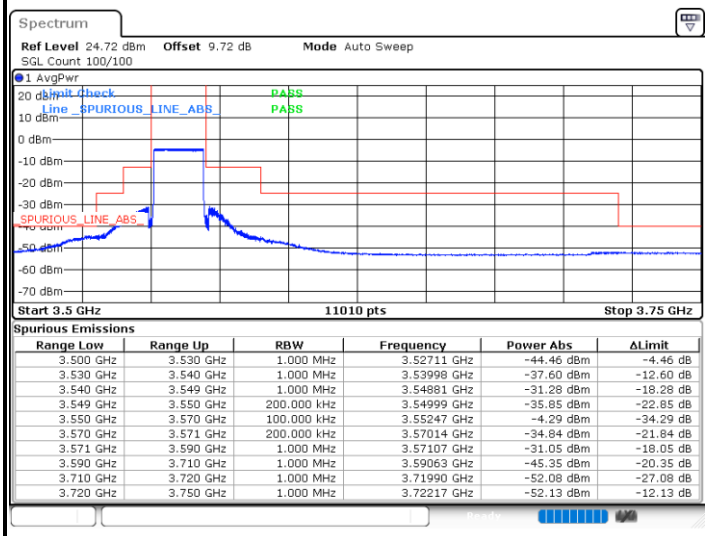


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52909 GHz	-51.34 dBm	-11.34 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53904 GHz	-48.74 dBm	-23.74 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54309 GHz	-46.49 dBm	-33.49 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54905 GHz	-52.97 dBm	-39.97 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56891 GHz	20.46 dBm	-9.54 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57002 GHz	-23.39 dBm	-10.39 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57129 GHz	-27.45 dBm	-14.45 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59663 GHz	-47.75 dBm	-22.75 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71967 GHz	-52.00 dBm	-27.00 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72244 GHz	-50.86 dBm	-10.86 dB

Date: 29.AUG.2024 16:03:11

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52711 GHz	-44.46 dBm	-4.46 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53998 GHz	-37.60 dBm	-12.60 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54881 GHz	-31.28 dBm	-18.28 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-35.85 dBm	-22.85 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55247 GHz	-4.29 dBm	-34.29 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57014 GHz	-34.84 dBm	-21.84 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57107 GHz	-31.05 dBm	-18.05 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59063 GHz	-45.35 dBm	-20.35 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71990 GHz	-52.08 dBm	-27.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72217 GHz	-52.13 dBm	-12.13 dB

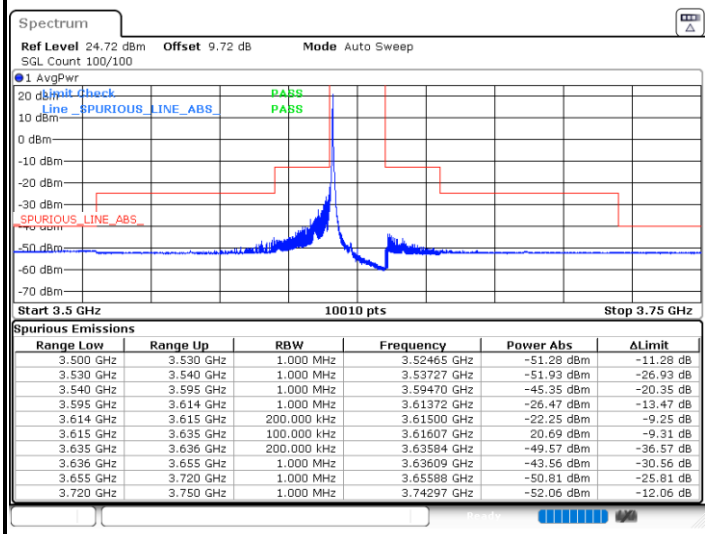
Date: 30.AUG.2024 10:48:32

N/A

LTE Band 48 / 20MHz

16QAM

Middle Channel / 1RB0

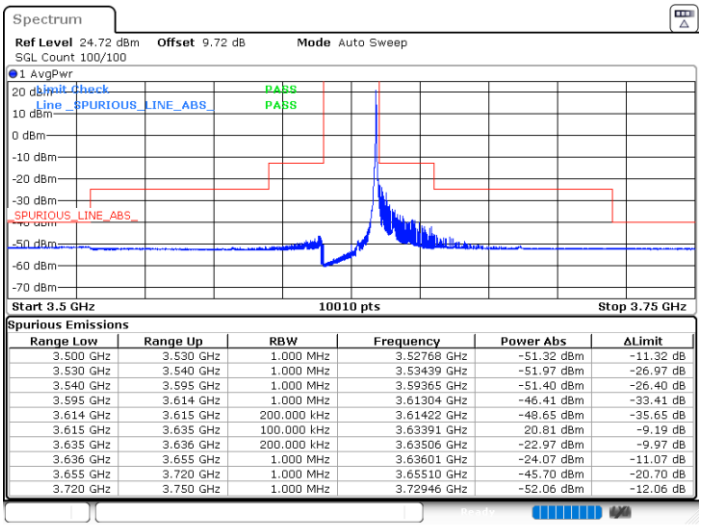


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52465 GHz	-51.28 dBm	-11.28 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53727 GHz	-51.93 dBm	-26.93 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59470 GHz	-45.35 dBm	-20.35 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61372 GHz	-26.47 dBm	-13.47 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61500 GHz	-22.25 dBm	-9.25 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61607 GHz	20.69 dBm	-9.31 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63584 GHz	-49.57 dBm	-36.57 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63609 GHz	-43.56 dBm	-30.56 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65588 GHz	-50.81 dBm	-25.81 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74297 GHz	-52.06 dBm	-12.06 dB

Date: 29.AUG.2024 16:20:00

Middle Channel / 1RBmax

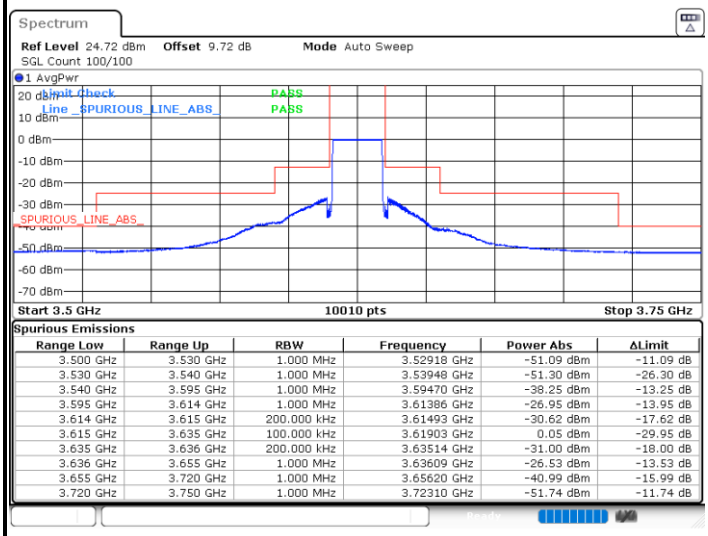


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52768 GHz	-51.32 dBm	-11.32 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53439 GHz	-51.97 dBm	-26.97 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59365 GHz	-51.40 dBm	-26.40 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61304 GHz	-46.41 dBm	-33.41 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61422 GHz	-48.65 dBm	-35.65 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	20.81 dBm	-9.19 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63506 GHz	-22.97 dBm	-9.97 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63601 GHz	-24.07 dBm	-11.07 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65510 GHz	-45.70 dBm	-20.70 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72946 GHz	-52.06 dBm	-12.06 dB

Date: 29.AUG.2024 16:28:23

Middle Channel / Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52918 GHz	-51.09 dBm	-11.09 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53948 GHz	-51.30 dBm	-26.30 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59470 GHz	-38.25 dBm	-13.25 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61386 GHz	-26.95 dBm	-13.95 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61493 GHz	-30.62 dBm	-17.62 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61903 GHz	0.05 dBm	-29.95 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63514 GHz	-31.00 dBm	-18.00 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63609 GHz	-26.53 dBm	-13.53 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65620 GHz	-40.99 dBm	-15.99 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72310 GHz	-51.74 dBm	-11.74 dB

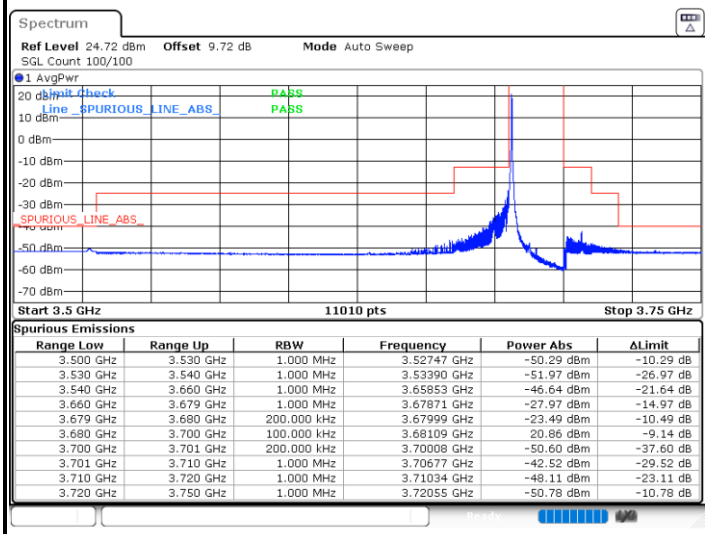
Date: 29.AUG.2024 16:36:46

N/A

LTE Band 48 / 20MHz

16QAM

Highest Channel / 1RB0

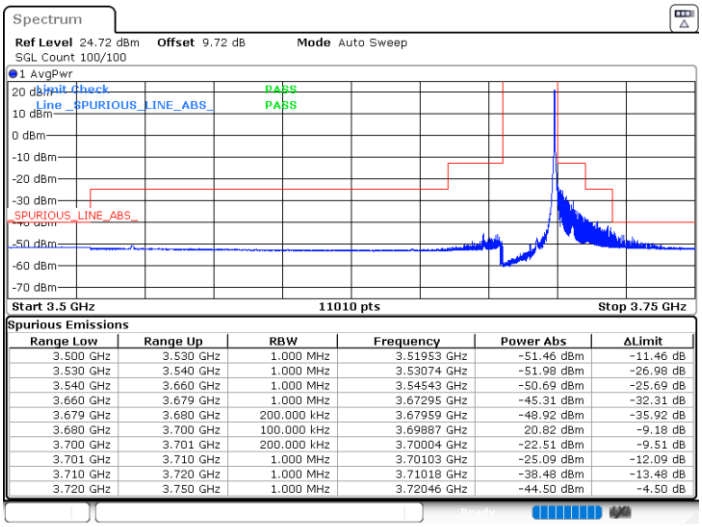


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52747 GHz	-50.29 dBm	-10.29 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53390 GHz	-51.97 dBm	-26.97 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65853 GHz	-46.64 dBm	-21.64 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67871 GHz	-27.97 dBm	-14.97 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-23.49 dBm	-10.49 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68109 GHz	20.86 dBm	-9.14 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70008 GHz	-50.60 dBm	-37.60 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70677 GHz	-42.52 dBm	-29.52 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71034 GHz	-48.11 dBm	-23.11 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72055 GHz	-50.78 dBm	-10.78 dB

Date: 29.AUG.2024 16:45:09

Highest Channel / 1RBmax

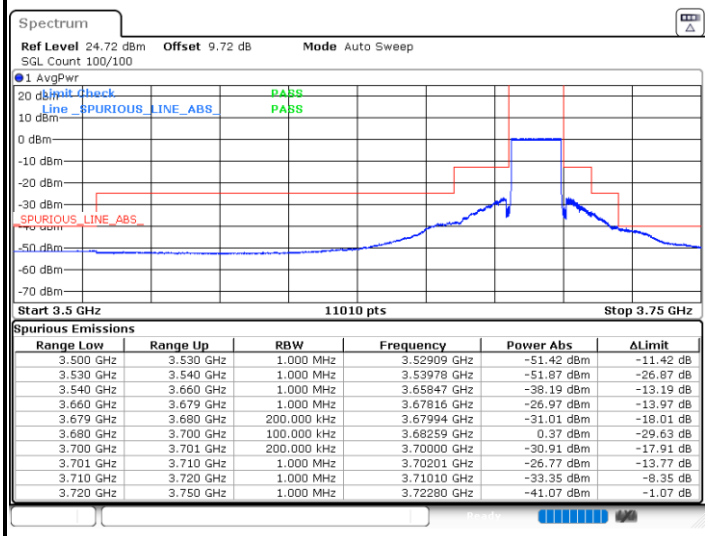


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51953 GHz	-51.46 dBm	-11.46 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53074 GHz	-51.98 dBm	-26.98 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.54543 GHz	-50.69 dBm	-25.69 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67295 GHz	-45.31 dBm	-32.31 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67959 GHz	-48.92 dBm	-35.92 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69887 GHz	20.82 dBm	-9.18 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70004 GHz	-22.51 dBm	-9.51 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70103 GHz	-25.09 dBm	-12.09 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71018 GHz	-38.48 dBm	-13.48 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72046 GHz	-44.50 dBm	-4.50 dB

Date: 29.AUG.2024 16:53:34

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52909 GHz	-51.42 dBm	-11.42 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53978 GHz	-51.87 dBm	-26.87 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65847 GHz	-38.19 dBm	-13.19 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67816 GHz	-26.97 dBm	-13.97 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67994 GHz	-31.01 dBm	-18.01 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68259 GHz	0.37 dBm	-29.63 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-30.91 dBm	-17.91 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70201 GHz	-26.77 dBm	-13.77 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71010 GHz	-33.35 dBm	-8.35 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72280 GHz	-41.07 dBm	-1.07 dB

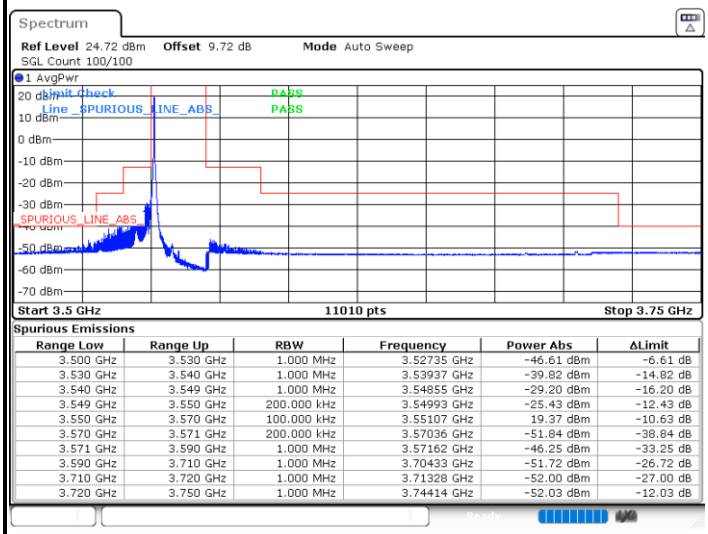
Date: 29.AUG.2024 17:58:31

N/A

LTE Band 48 / 20MHz

64QAM

Lowest Channel / 1RB0

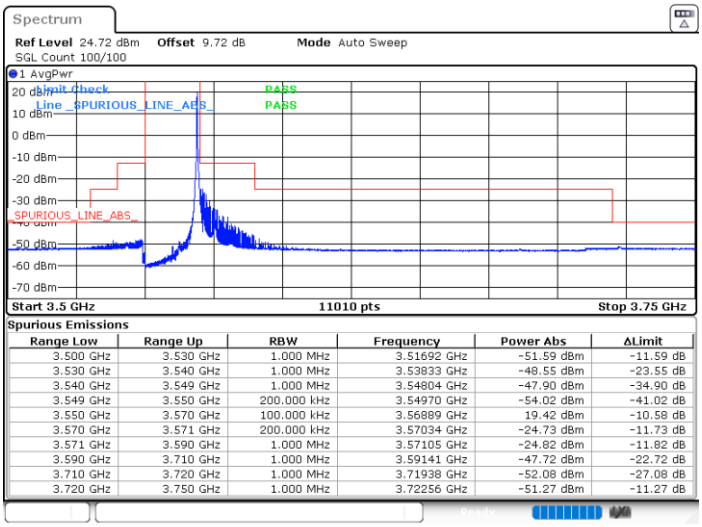


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52735 GHz	-46.61 dBm	-6.61 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53937 GHz	-39.82 dBm	-14.82 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54855 GHz	-29.20 dBm	-16.20 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54993 GHz	-25.43 dBm	-12.43 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	19.37 dBm	-10.63 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57036 GHz	-51.84 dBm	-38.84 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57162 GHz	-46.25 dBm	-33.25 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.70433 GHz	-51.72 dBm	-26.72 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71328 GHz	-52.00 dBm	-27.00 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74414 GHz	-52.03 dBm	-12.03 dB

Date: 29.AUG.2024 15:56:51

Lowest Channel / 1RBmax

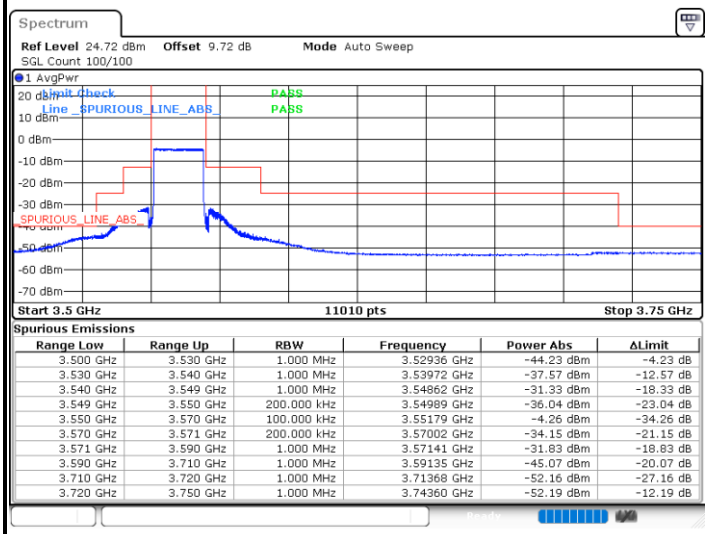


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51692 GHz	-51.59 dBm	-11.59 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53833 GHz	-48.55 dBm	-23.55 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54804 GHz	-47.90 dBm	-34.90 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54970 GHz	-54.02 dBm	-41.02 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56889 GHz	19.42 dBm	-10.58 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57034 GHz	-24.73 dBm	-11.73 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57105 GHz	-24.82 dBm	-11.82 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59141 GHz	-47.72 dBm	-22.72 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71938 GHz	-52.08 dBm	-27.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72256 GHz	-51.27 dBm	-11.27 dB

Date: 29.AUG.2024 16:05:17

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52936 GHz	-44.23 dBm	-4.23 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53972 GHz	-37.57 dBm	-12.57 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54862 GHz	-31.33 dBm	-18.33 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54989 GHz	-36.04 dBm	-23.04 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55179 GHz	-4.26 dBm	-34.26 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57002 GHz	-34.15 dBm	-21.15 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57141 GHz	-31.83 dBm	-18.83 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59135 GHz	-45.07 dBm	-20.07 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71368 GHz	-52.16 dBm	-27.16 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74360 GHz	-52.19 dBm	-12.19 dB

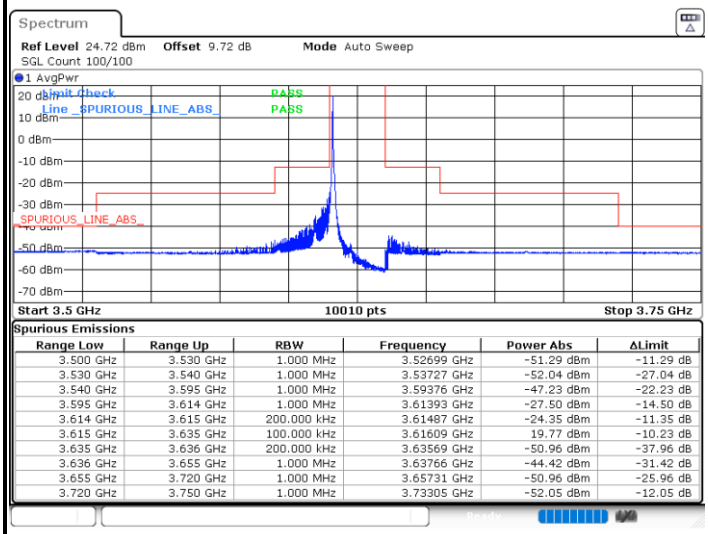
Date: 30.AUG.2024 10:50:50

N/A

LTE Band 48 / 20MHz

64QAM

Middle Channel / 1RB0

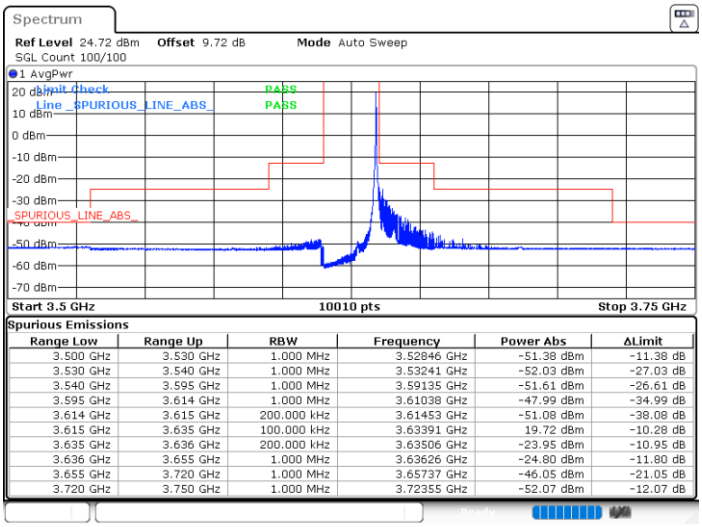


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52699 GHz	-51.29 dBm	-11.29 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53727 GHz	-52.04 dBm	-27.04 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59376 GHz	-47.23 dBm	-22.23 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61393 GHz	-27.50 dBm	-14.50 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61487 GHz	-24.35 dBm	-11.35 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61609 GHz	19.77 dBm	-10.23 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63569 GHz	-50.96 dBm	-37.96 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63766 GHz	-44.42 dBm	-31.42 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65731 GHz	-50.96 dBm	-25.96 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73305 GHz	-52.05 dBm	-12.05 dB

Date: 29.AUG.2024 16:22:05

Middle Channel / 1RBmax

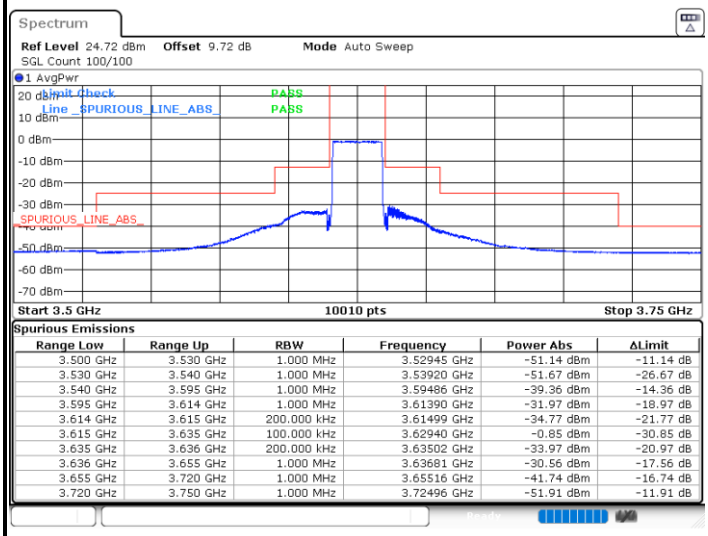


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52846 GHz	-51.38 dBm	-11.38 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53241 GHz	-52.03 dBm	-27.03 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59135 GHz	-51.61 dBm	-26.61 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61038 GHz	-47.99 dBm	-34.99 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61453 GHz	-51.08 dBm	-38.08 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	19.72 dBm	-10.28 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63506 GHz	-23.95 dBm	-10.95 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63626 GHz	-24.80 dBm	-11.80 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65737 GHz	-46.05 dBm	-21.05 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72355 GHz	-52.07 dBm	-12.07 dB

Date: 29.AUG.2024 16:30:29

Middle Channel / Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52945 GHz	-51.14 dBm	-11.14 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53920 GHz	-51.67 dBm	-26.67 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59486 GHz	-39.36 dBm	-14.36 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61390 GHz	-31.97 dBm	-18.97 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61499 GHz	-34.77 dBm	-21.77 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62940 GHz	-0.85 dBm	-30.85 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63502 GHz	-33.97 dBm	-20.97 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63681 GHz	-30.56 dBm	-17.56 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65516 GHz	-41.74 dBm	-16.74 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72496 GHz	-51.91 dBm	-11.91 dB

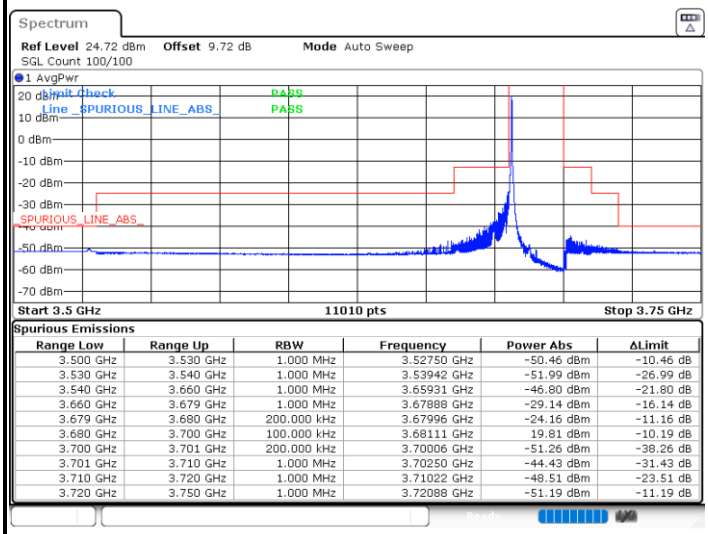
Date: 29.AUG.2024 16:38:52

N/A

LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

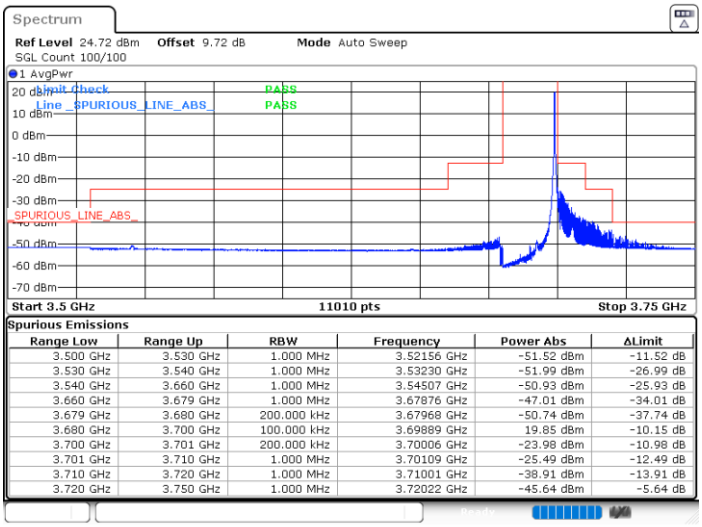


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52750 GHz	-50.46 dBm	-10.46 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53942 GHz	-51.99 dBm	-26.99 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65931 GHz	-46.80 dBm	-21.80 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67888 GHz	-29.14 dBm	-16.14 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67996 GHz	-24.16 dBm	-11.16 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68111 GHz	19.81 dBm	-10.19 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70006 GHz	-51.26 dBm	-38.26 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70250 GHz	-44.43 dBm	-31.43 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71022 GHz	-48.51 dBm	-23.51 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72088 GHz	-51.19 dBm	-11.19 dB

Date: 29.AUG.2024 16:47:15

Highest Channel / 1RBmax

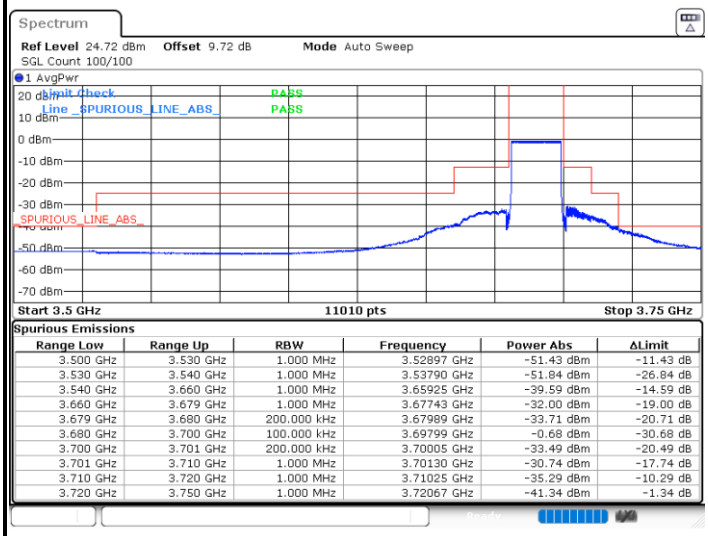


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52156 GHz	-51.52 dBm	-11.52 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53230 GHz	-51.99 dBm	-26.99 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.54507 GHz	-50.93 dBm	-25.93 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67876 GHz	-47.01 dBm	-34.01 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67968 GHz	-50.74 dBm	-37.74 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69889 GHz	19.85 dBm	-10.15 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70006 GHz	-23.98 dBm	-10.98 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70109 GHz	-25.49 dBm	-12.49 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71001 GHz	-38.91 dBm	-13.91 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72022 GHz	-45.64 dBm	-5.64 dB

Date: 29.AUG.2024 16:55:41

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52897 GHz	-51.43 dBm	-11.43 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53790 GHz	-51.84 dBm	-26.84 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65925 GHz	-39.59 dBm	-14.59 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67743 GHz	-32.00 dBm	-19.00 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67989 GHz	-33.71 dBm	-20.71 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69799 GHz	-0.68 dBm	-30.68 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70005 GHz	-33.49 dBm	-20.49 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70130 GHz	-30.74 dBm	-17.74 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71025 GHz	-35.29 dBm	-10.29 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72067 GHz	-41.34 dBm	-1.34 dB

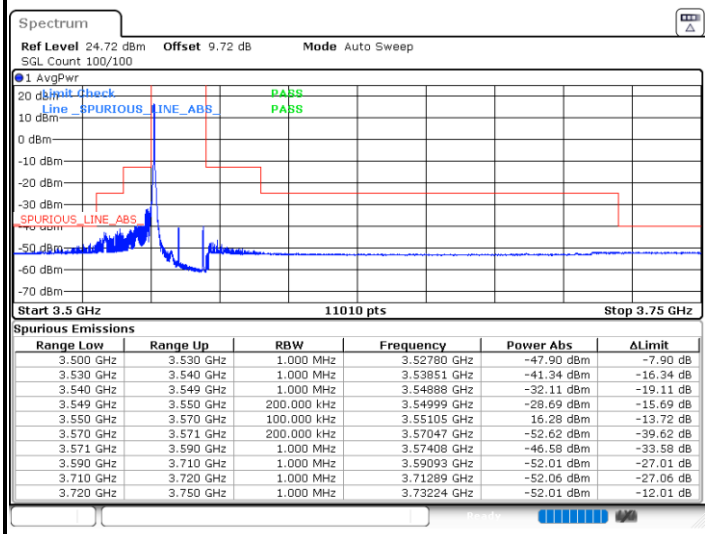
Date: 29.AUG.2024 17:04:07

N/A

LTE Band 48 / 20MHz

256QAM

Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52780 GHz	-47.90 dBm	-7.90 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53851 GHz	-41.34 dBm	-16.34 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54888 GHz	-32.11 dBm	-19.11 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-28.69 dBm	-15.69 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55105 GHz	16.28 dBm	-13.72 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57047 GHz	-52.62 dBm	-39.62 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57408 GHz	-46.58 dBm	-33.58 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59093 GHz	-52.01 dBm	-27.01 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71289 GHz	-52.06 dBm	-27.06 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73224 GHz	-52.01 dBm	-12.01 dB

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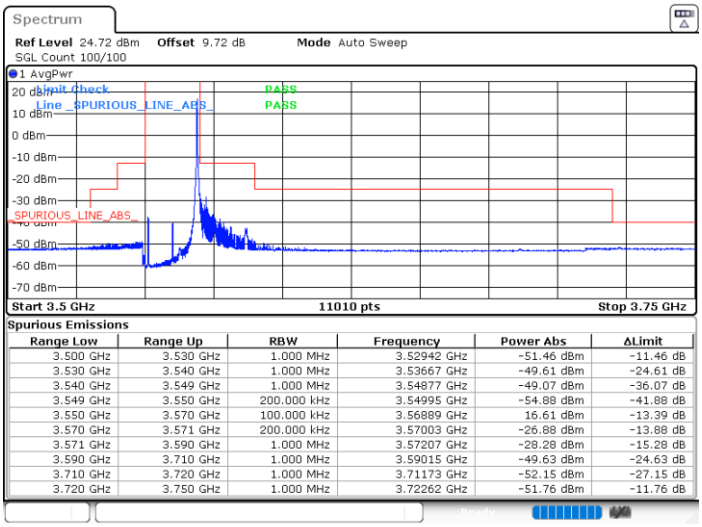
Lowest Channel / 1RBmax

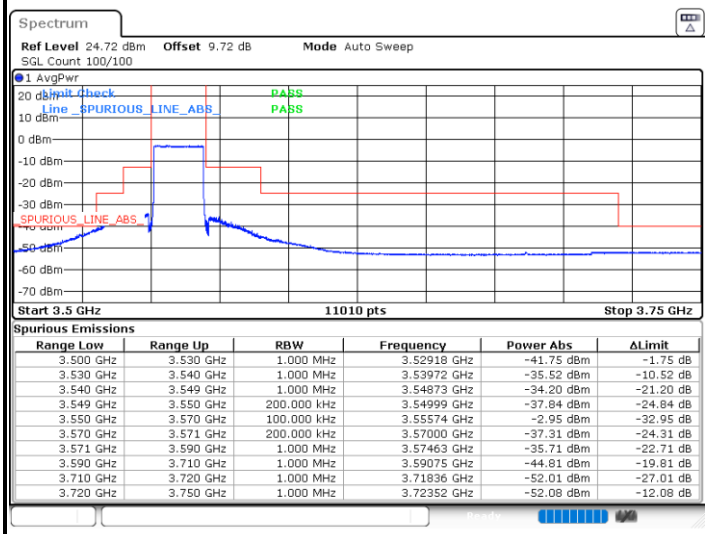


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52942 GHz	-51.46 dBm	-11.46 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53667 GHz	-49.61 dBm	-24.61 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54877 GHz	-49.07 dBm	-36.07 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54995 GHz	-54.88 dBm	-41.88 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56889 GHz	16.61 dBm	-13.39 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57003 GHz	-26.88 dBm	-13.88 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57207 GHz	-28.28 dBm	-15.28 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59015 GHz	-49.63 dBm	-24.63 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71173 GHz	-52.15 dBm	-27.15 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72262 GHz	-51.76 dBm	-11.76 dB

Date: 29.AUG.2024 16:07:23

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52918 GHz	-41.75 dBm	-1.75 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53972 GHz	-35.52 dBm	-10.52 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54873 GHz	-34.20 dBm	-21.20 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-37.84 dBm	-24.84 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55574 GHz	-2.95 dBm	-32.95 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-37.31 dBm	-24.31 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57463 GHz	-35.71 dBm	-22.71 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59075 GHz	-44.81 dBm	-19.81 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71836 GHz	-52.01 dBm	-27.01 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72352 GHz	-52.08 dBm	-12.08 dB

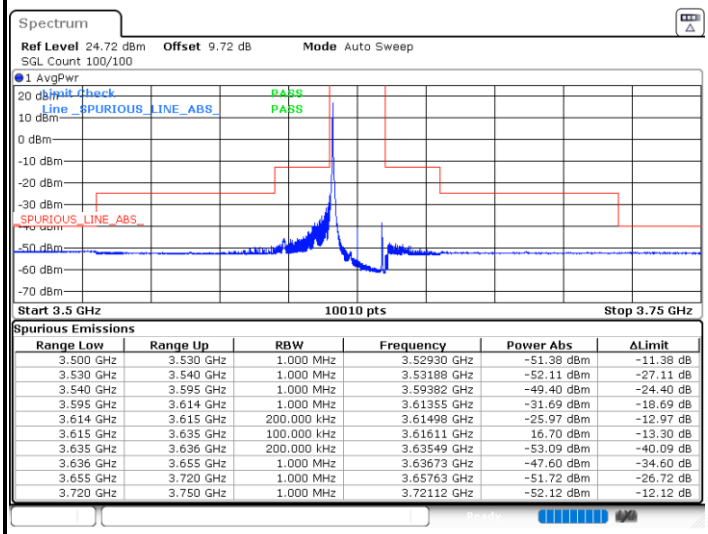
Date: 29.AUG.2024 16:15:48

N/A

LTE Band 48 / 20MHz

256QAM

Middle Channel / 1RB0

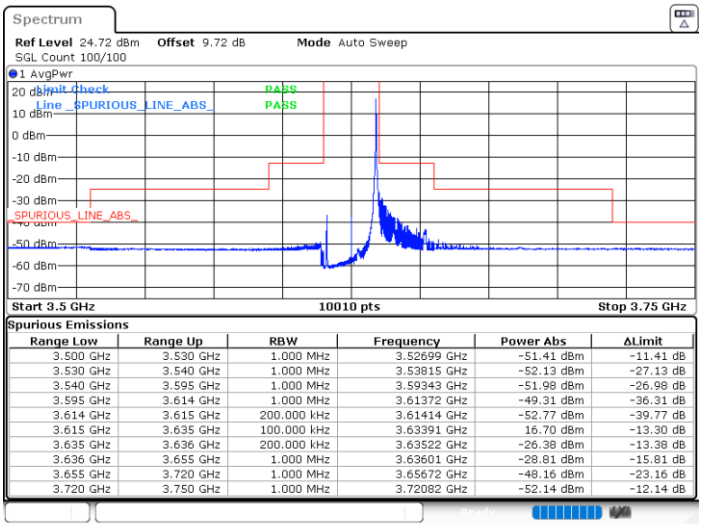


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52930 GHz	-51.38 dBm	-11.38 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53188 GHz	-52.11 dBm	-27.11 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59382 GHz	-49.40 dBm	-24.40 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61355 GHz	-31.69 dBm	-18.69 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61498 GHz	-25.97 dBm	-12.97 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61611 GHz	16.70 dBm	-13.30 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63549 GHz	-53.09 dBm	-40.09 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63673 GHz	-47.60 dBm	-34.60 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65763 GHz	-51.72 dBm	-26.72 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72112 GHz	-52.12 dBm	-12.12 dB

Date: 29.AUG.2024 16:24:11

Middle Channel / 1RBmax

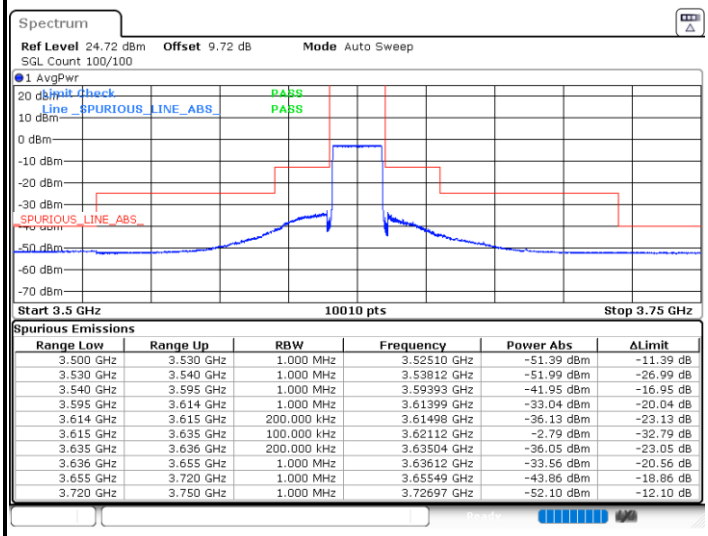


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52699 GHz	-51.41 dBm	-11.41 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53815 GHz	-52.13 dBm	-27.13 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59343 GHz	-51.98 dBm	-26.98 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61372 GHz	-49.31 dBm	-36.31 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61414 GHz	-52.77 dBm	-39.77 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	16.70 dBm	-13.30 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63522 GHz	-26.38 dBm	-13.38 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63601 GHz	-28.81 dBm	-15.81 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65672 GHz	-48.16 dBm	-23.16 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72082 GHz	-52.14 dBm	-12.14 dB

Date: 29.AUG.2024 16:32:34

Middle Channel / Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52510 GHz	-51.39 dBm	-11.39 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53812 GHz	-51.99 dBm	-26.99 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59393 GHz	-41.95 dBm	-16.95 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61399 GHz	-33.04 dBm	-20.04 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61498 GHz	-36.13 dBm	-23.13 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62112 GHz	-2.79 dBm	-32.79 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63504 GHz	-36.05 dBm	-23.05 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63612 GHz	-33.56 dBm	-20.56 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65549 GHz	-43.86 dBm	-18.86 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72697 GHz	-52.10 dBm	-12.10 dB

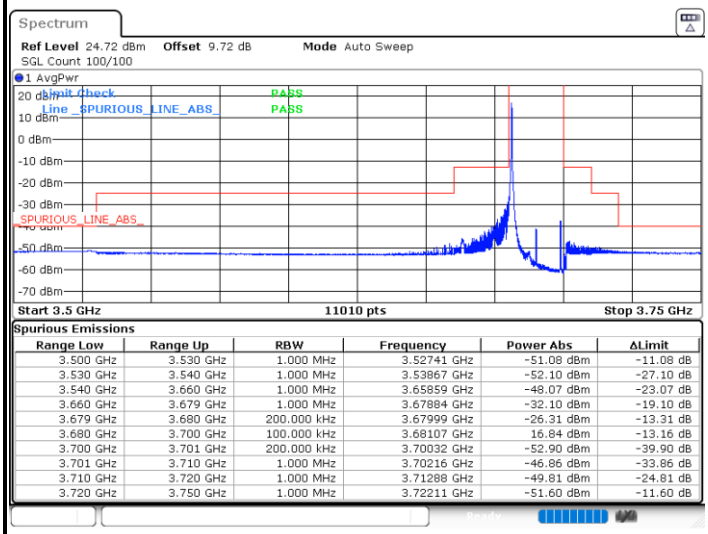
Date: 29.AUG.2024 16:40:57

N/A

LTE Band 48 / 20MHz

256QAM

Highest Channel / 1RB0

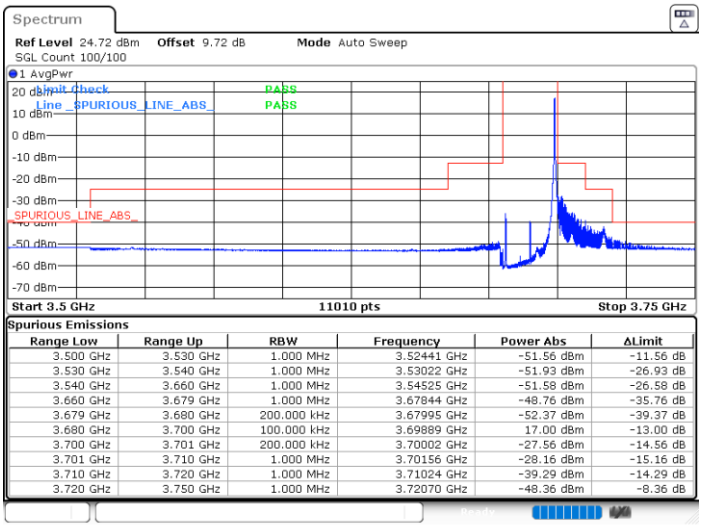


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52741 GHz	-51.08 dBm	-11.08 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53867 GHz	-52.10 dBm	-27.10 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65859 GHz	-48.07 dBm	-23.07 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67884 GHz	-32.10 dBm	-19.10 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-26.31 dBm	-13.31 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	16.84 dBm	-13.16 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70032 GHz	-52.90 dBm	-39.90 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70216 GHz	-46.86 dBm	-33.86 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71288 GHz	-49.81 dBm	-24.81 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72211 GHz	-51.60 dBm	-11.60 dB

Date: 29.AUG.2024 16:49:22

Highest Channel / 1RBmax

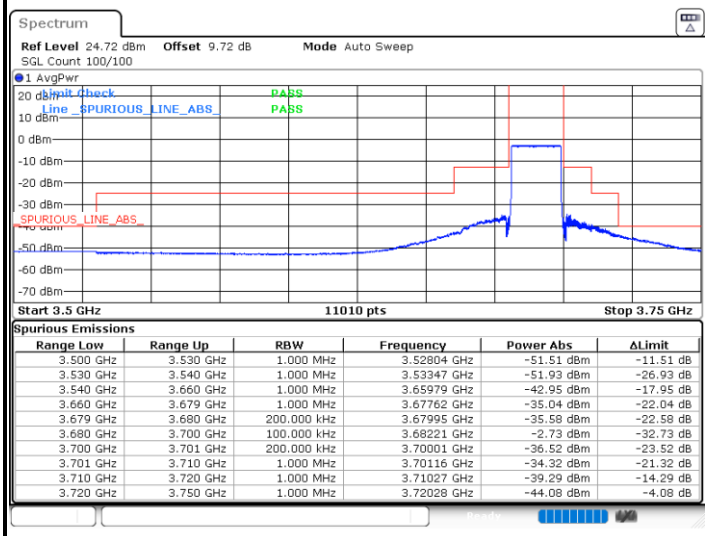


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52441 GHz	-51.56 dBm	-11.56 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53022 GHz	-51.93 dBm	-26.93 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.54525 GHz	-51.58 dBm	-26.58 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67844 GHz	-48.76 dBm	-35.76 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67995 GHz	-52.37 dBm	-39.37 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69889 GHz	17.00 dBm	-13.00 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70002 GHz	-27.56 dBm	-14.56 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70156 GHz	-28.16 dBm	-15.16 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71024 GHz	-39.29 dBm	-14.29 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72070 GHz	-48.36 dBm	-8.36 dB

Date: 29.AUG.2024 16:57:47

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52804 GHz	-51.51 dBm	-11.51 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53347 GHz	-51.93 dBm	-26.93 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65979 GHz	-42.95 dBm	-17.95 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67762 GHz	-35.04 dBm	-22.04 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67995 GHz	-35.58 dBm	-22.58 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68221 GHz	-2.73 dBm	-32.73 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-36.52 dBm	-23.52 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70116 GHz	-34.32 dBm	-21.32 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71027 GHz	-39.29 dBm	-14.29 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72028 GHz	-44.08 dBm	-4.08 dB

Date: 29.AUG.2024 17:06:13

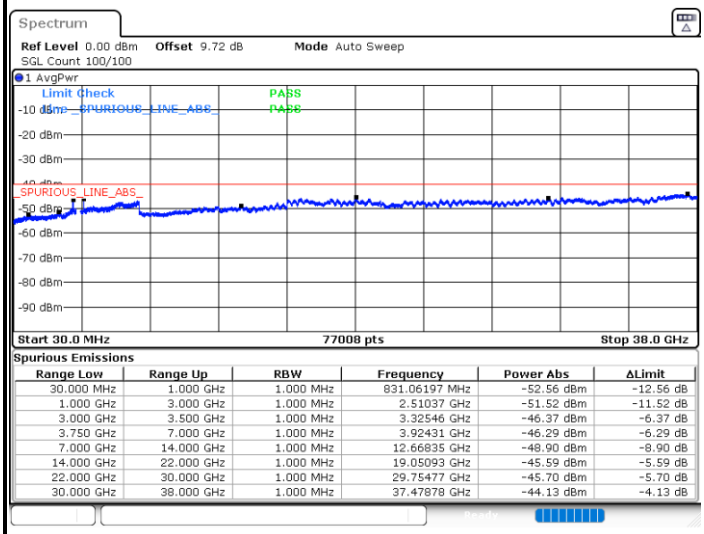
N/A

Conducted Spurious Emission

LTE Band 48 / 5MHz

QPSK / 1RB0

Lowest Channel

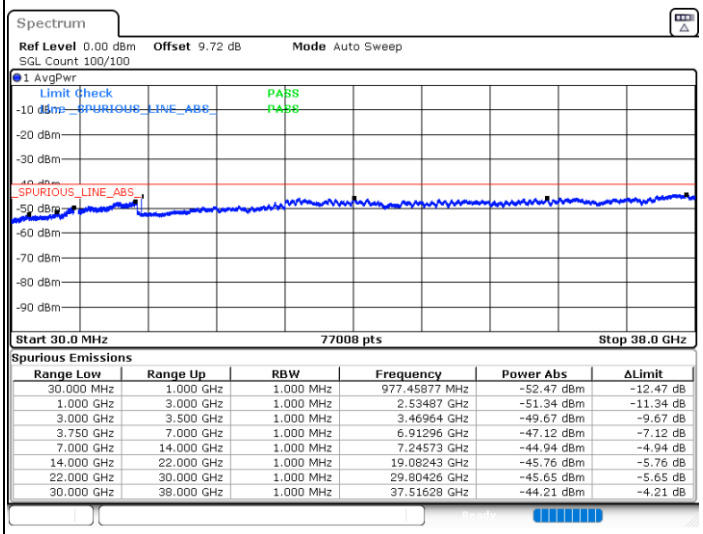


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	831.06197 MHz	-52.56 dBm	-12.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51037 GHz	-51.52 dBm	-11.52 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.32546 GHz	-46.37 dBm	-6.37 dB
3.750 GHz	7.000 GHz	1.000 MHz	3.92431 GHz	-46.29 dBm	-6.29 dB
7.000 GHz	14.000 GHz	1.000 MHz	12.66835 GHz	-48.90 dBm	-8.90 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.05093 GHz	-45.59 dBm	-5.59 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.75477 GHz	-45.70 dBm	-5.70 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.47878 GHz	-44.13 dBm	-4.13 dB

Date: 26.SEP.2024 21:58:43

Middle Channel

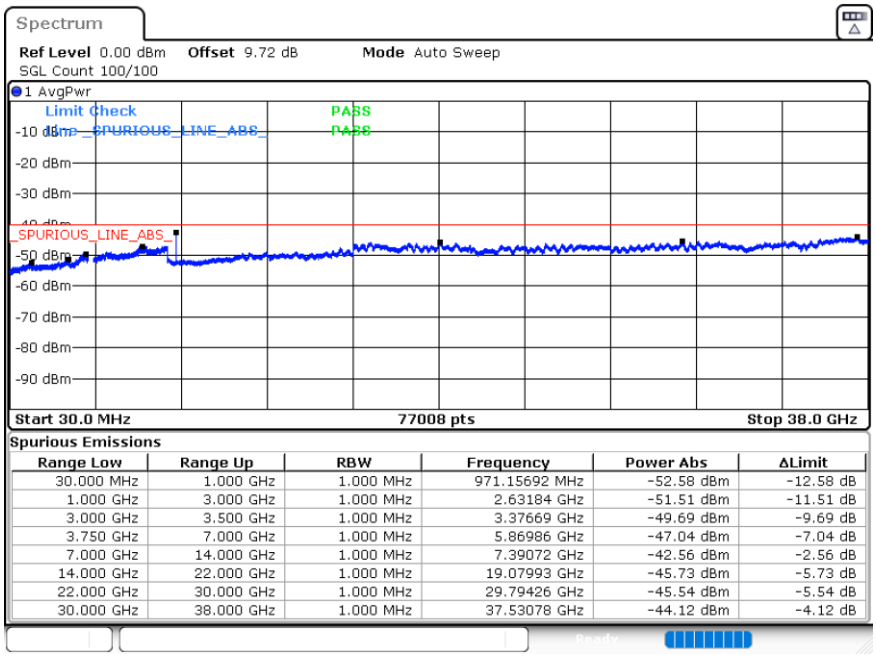


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.45877 MHz	-52.47 dBm	-12.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53487 GHz	-51.34 dBm	-11.34 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.46964 GHz	-49.67 dBm	-9.67 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.91296 GHz	-47.12 dBm	-7.12 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.24573 GHz	-44.94 dBm	-4.94 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.08243 GHz	-45.76 dBm	-5.76 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.80426 GHz	-45.65 dBm	-5.65 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51628 GHz	-44.21 dBm	-4.21 dB

Date: 26.SEP.2024 22:00:03

Highest Channel



Spurious Emissions

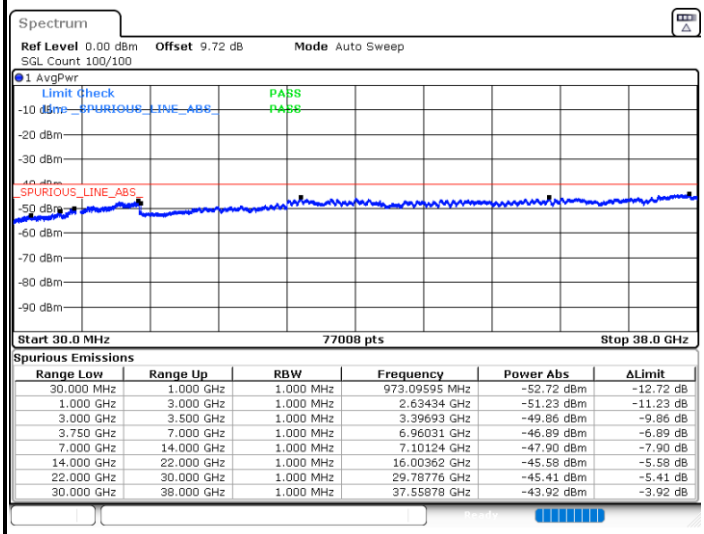
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-52.58 dBm	-12.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63184 GHz	-51.51 dBm	-11.51 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.37669 GHz	-49.69 dBm	-9.69 dB
3.750 GHz	7.000 GHz	1.000 MHz	5.86986 GHz	-47.04 dBm	-7.04 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.39072 GHz	-42.56 dBm	-2.56 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.07993 GHz	-45.73 dBm	-5.73 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79426 GHz	-45.54 dBm	-5.54 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.53078 GHz	-44.12 dBm	-4.12 dB

Date: 26.SEP.2024 22:01:24

LTE Band 48 / 10MHz

QPSK / 1RB0

Lowest Channel

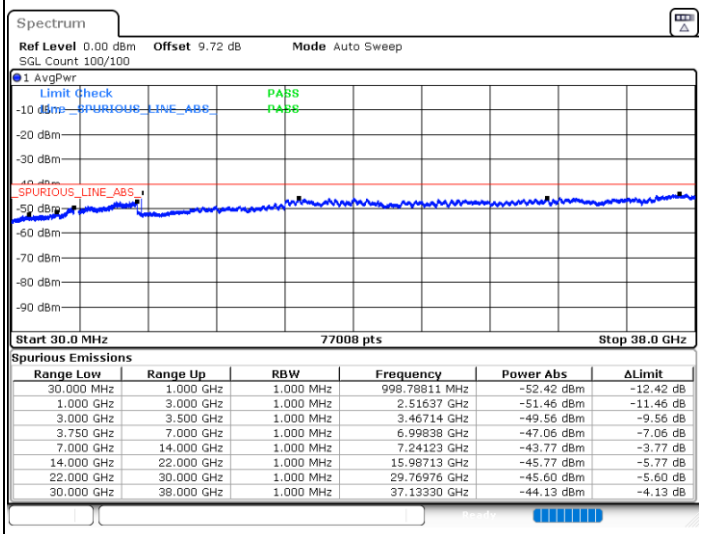


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-52.72 dBm	-12.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63434 GHz	-51.23 dBm	-11.23 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.39693 GHz	-49.86 dBm	-9.86 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.96031 GHz	-46.89 dBm	-6.89 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.10124 GHz	-47.90 dBm	-7.90 dB
14.000 GHz	22.000 GHz	1.000 MHz	16.00362 GHz	-45.58 dBm	-5.58 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.78776 GHz	-45.41 dBm	-5.41 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.55878 GHz	-43.92 dBm	-3.92 dB

Date: 26.SEP.2024 22:02:46

Middle Channel

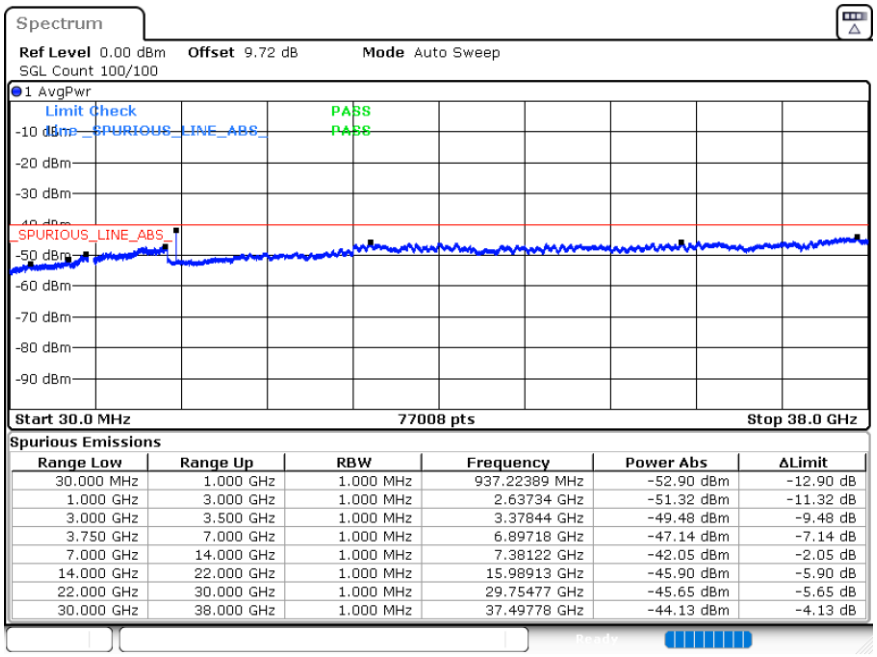


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-52.42 dBm	-12.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51637 GHz	-51.46 dBm	-11.46 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.46714 GHz	-49.56 dBm	-9.56 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.99838 GHz	-47.06 dBm	-7.06 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.24123 GHz	-43.77 dBm	-3.77 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.98713 GHz	-45.77 dBm	-5.77 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.76976 GHz	-45.60 dBm	-5.60 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.13330 GHz	-44.13 dBm	-4.13 dB

Date: 26.SEP.2024 22:04:06

Highest Channel



Spurious Emissions

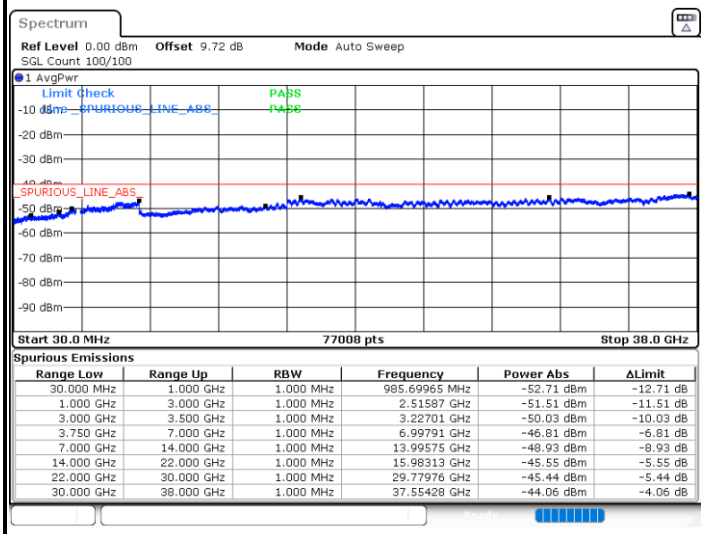
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.22389 MHz	-52.90 dBm	-12.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63734 GHz	-51.32 dBm	-11.32 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.37844 GHz	-49.48 dBm	-9.48 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.89718 GHz	-47.14 dBm	-7.14 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.38122 GHz	-42.05 dBm	-2.05 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.98913 GHz	-45.90 dBm	-5.90 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.75477 GHz	-45.65 dBm	-5.65 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.49778 GHz	-44.13 dBm	-4.13 dB

Date: 26.SEP.2024 22:05:27

LTE Band 48 / 15MHz

QPSK / 1RB0

Lowest Channel

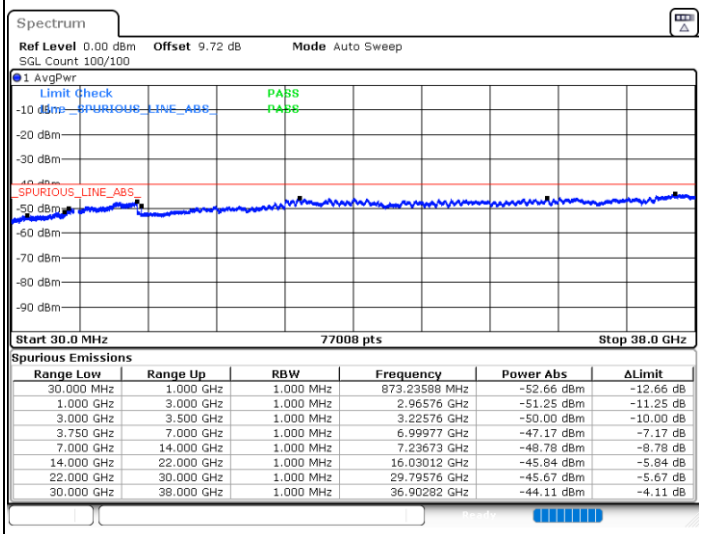


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-52.71 dBm	-12.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51587 GHz	-51.51 dBm	-11.51 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.22701 GHz	-50.03 dBm	-10.03 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.99791 GHz	-46.81 dBm	-6.81 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99575 GHz	-48.93 dBm	-8.93 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.98313 GHz	-45.55 dBm	-5.55 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.77976 GHz	-45.44 dBm	-5.44 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.55428 GHz	-44.06 dBm	-4.06 dB

Date: 26.SEP.2024 22:06:49

Middle Channel

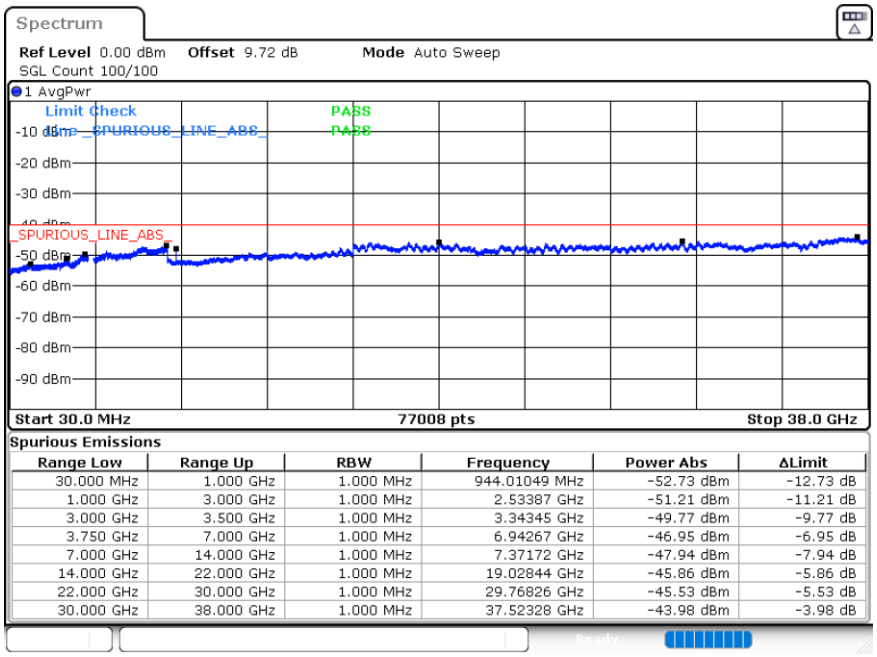


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.23588 MHz	-52.66 dBm	-12.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96576 GHz	-51.25 dBm	-11.25 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.22576 GHz	-50.00 dBm	-10.00 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.99977 GHz	-47.17 dBm	-7.17 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.23673 GHz	-48.78 dBm	-8.78 dB
14.000 GHz	22.000 GHz	1.000 MHz	16.03012 GHz	-45.84 dBm	-5.84 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79576 GHz	-45.67 dBm	-5.67 dB
30.000 GHz	38.000 GHz	1.000 MHz	36.90282 GHz	-44.11 dBm	-4.11 dB

Date: 26.SEP.2024 22:08:09

Highest Channel



Spurious Emissions

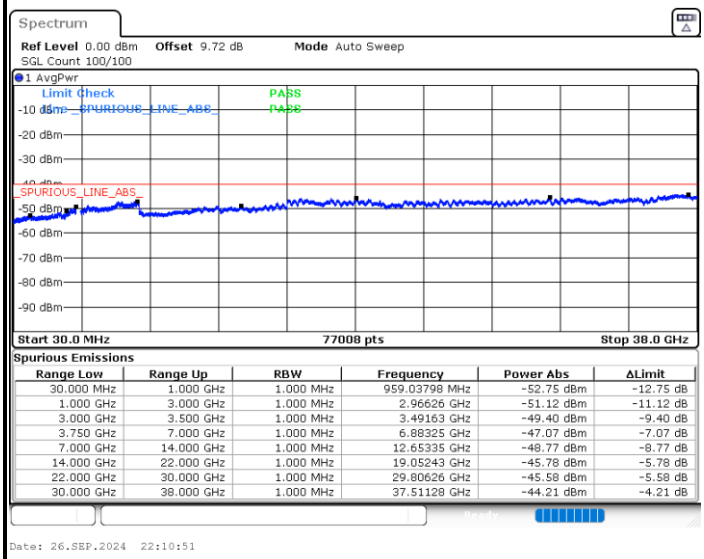
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-52.73 dBm	-12.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53387 GHz	-51.21 dBm	-11.21 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.34345 GHz	-49.77 dBm	-9.77 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.94267 GHz	-46.95 dBm	-6.95 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.37172 GHz	-47.94 dBm	-7.94 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.02844 GHz	-45.86 dBm	-5.86 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.76826 GHz	-45.53 dBm	-5.53 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.52328 GHz	-43.98 dBm	-3.98 dB

Date: 26.SEP.2024 22:09:30

LTE Band 48 / 20MHz

QPSK / 1RB0

Lowest Channel

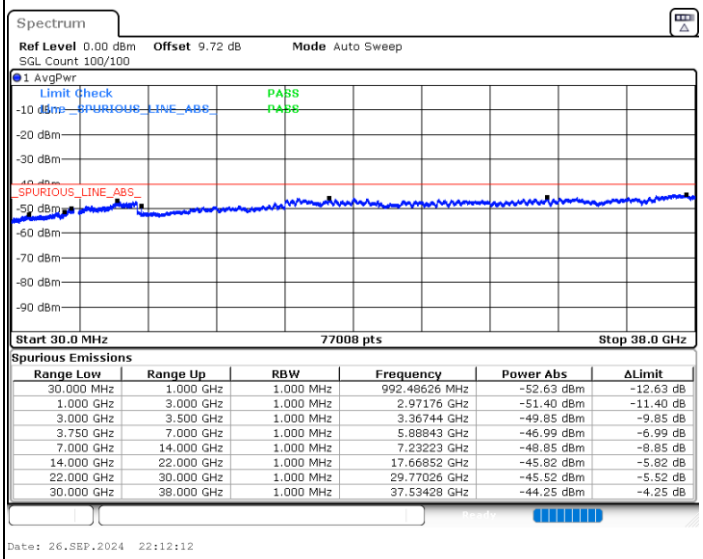


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-52.75 dBm	-12.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96626 GHz	-51.12 dBm	-11.12 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49163 GHz	-49.40 dBm	-9.40 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.88325 GHz	-47.07 dBm	-7.07 dB
7.000 GHz	14.000 GHz	1.000 MHz	12.65335 GHz	-48.77 dBm	-8.77 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.05243 GHz	-45.78 dBm	-5.78 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.80626 GHz	-45.58 dBm	-5.58 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51128 GHz	-44.21 dBm	-4.21 dB

Date: 26.SEP.2024 22:10:51

Middle Channel

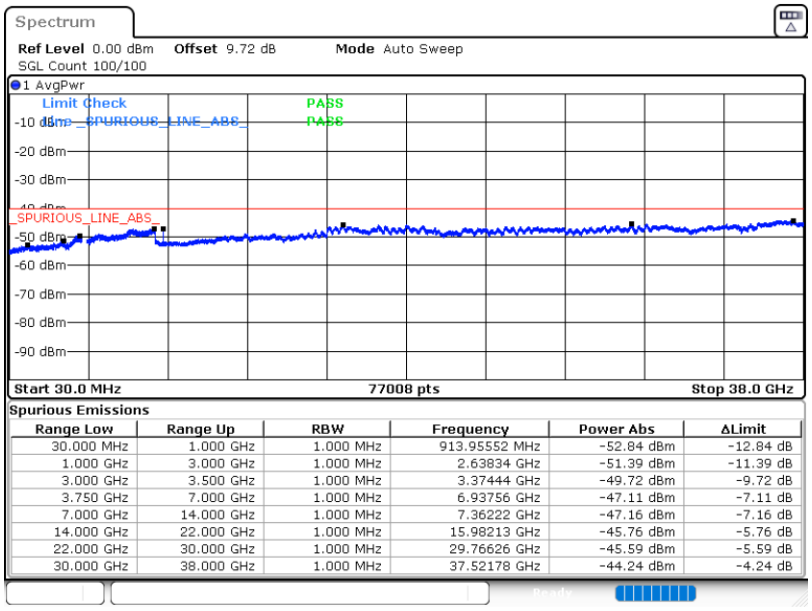


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-52.63 dBm	-12.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97176 GHz	-51.40 dBm	-11.40 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.36744 GHz	-49.85 dBm	-9.85 dB
3.750 GHz	7.000 GHz	1.000 MHz	5.88843 GHz	-46.99 dBm	-6.99 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.23223 GHz	-48.85 dBm	-8.85 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.66852 GHz	-45.82 dBm	-5.82 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.77026 GHz	-45.52 dBm	-5.52 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.53428 GHz	-44.25 dBm	-4.25 dB

Date: 26.SEP.2024 22:12:12

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.95552 MHz	-52.84 dBm	-12.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63834 GHz	-51.39 dBm	-11.39 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.37444 GHz	-49.72 dBm	-9.72 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.93756 GHz	-47.11 dBm	-7.11 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.36222 GHz	-47.16 dBm	-7.16 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.98213 GHz	-45.76 dBm	-5.76 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.76626 GHz	-45.59 dBm	-5.59 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.52178 GHz	-44.24 dBm	-4.24 dB

Date: 26.SEP.2024 22:13:32

Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0054	
30	Normal Voltage	0.0066	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0048	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0026	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi Zhao	Temperature :	22~25℃
		Relative Humidity :	48~52%

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

LTE Band 48 / 20MHz / QPSK / Ant.4								
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	-63.92	-40	-23.92	-75.38	2.84	14.30	H
	10850	-62.48	-40	-22.48	-72.42	3.49	13.43	H
	14469	-57.94	-40	-17.94	-68.18	3.85	14.09	H
	7231	-63.87	-40	-23.87	-75.33	2.84	14.30	V
	10850	-62.40	-40	-22.40	-72.34	3.49	13.43	V
	14469	-53.72	-40	-13.72	-63.96	3.85	14.09	V

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