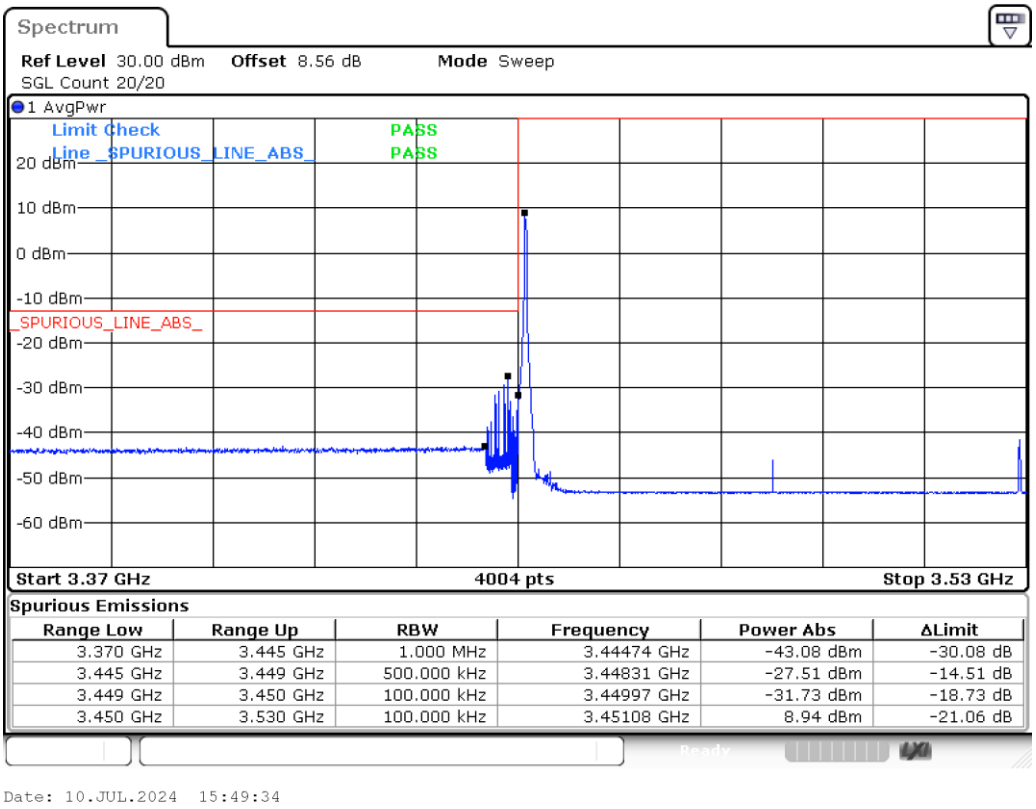
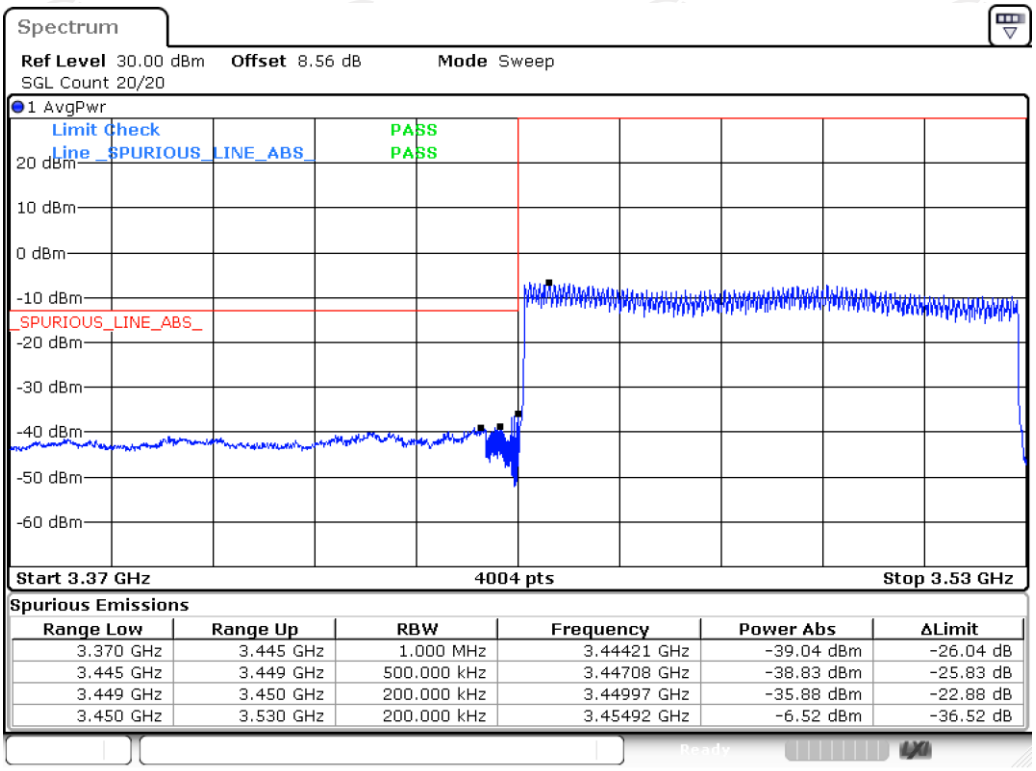
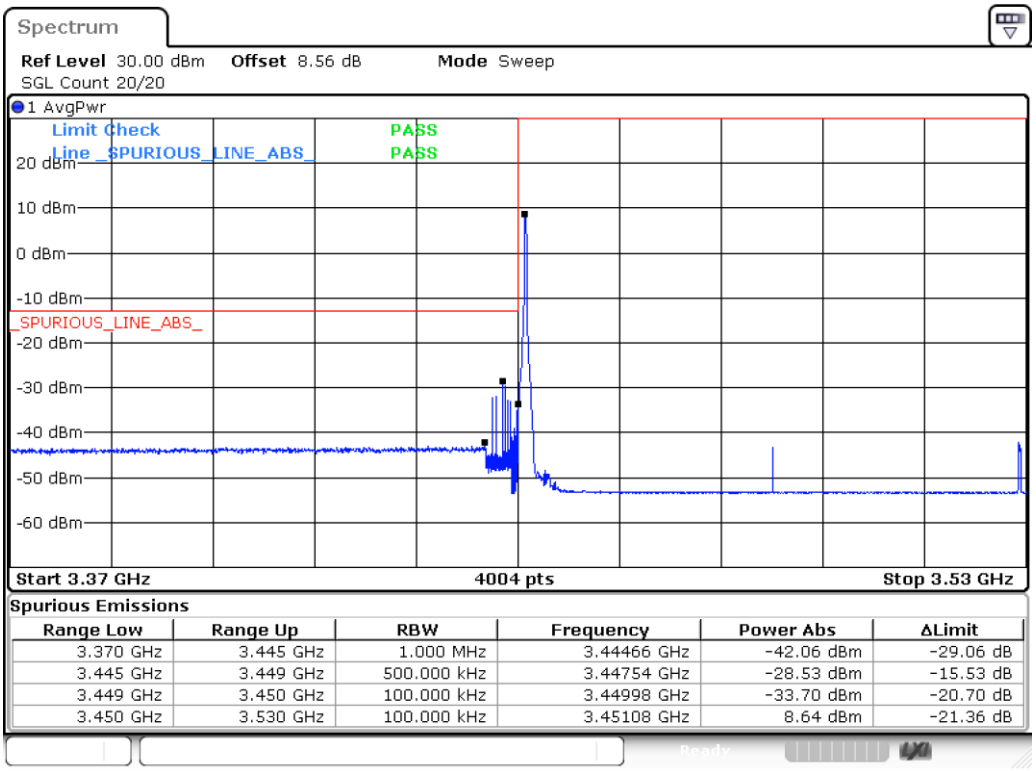


n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz LowChannel=632668 RB=1@0



n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz LowChannel=632668 RB=216@0

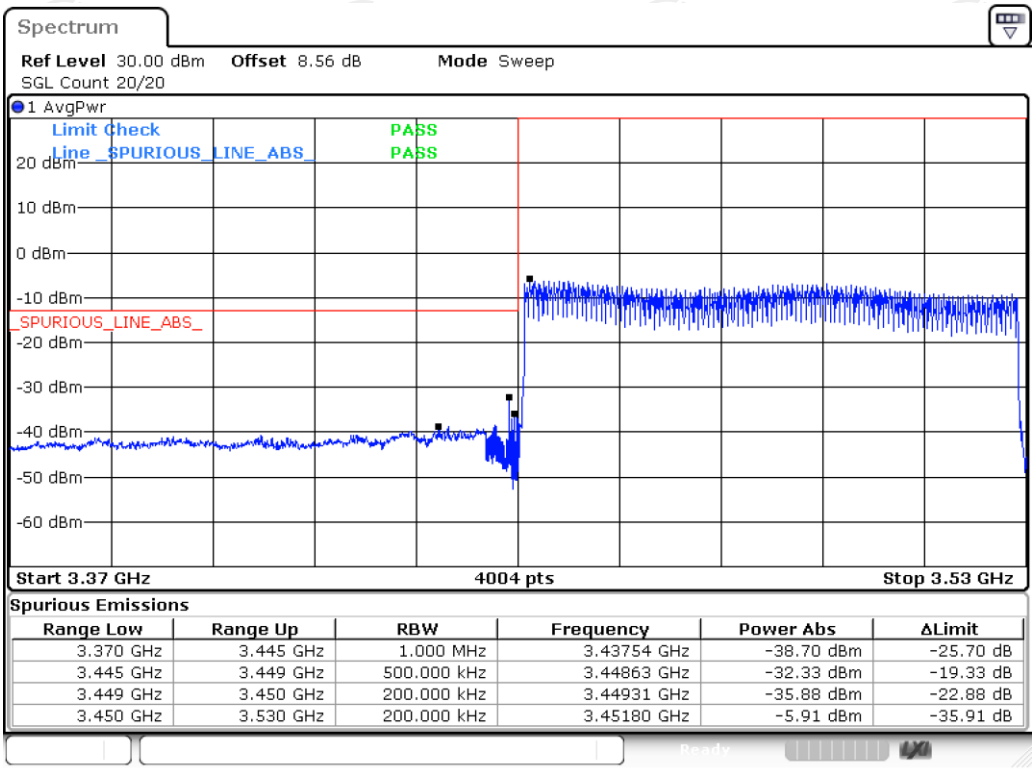


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.370 GHz	3.445 GHz	1.000 MHz	3.44466 GHz	-42.06 dBm	-29.06 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44754 GHz	-28.53 dBm	-15.53 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44998 GHz	-33.70 dBm	-20.70 dB
3.450 GHz	3.530 GHz	100.000 kHz	3.45108 GHz	8.64 dBm	-21.36 dB

Date: 10.JUL.2024 15:50:29

n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz LowChannel=632668 RB=1@0

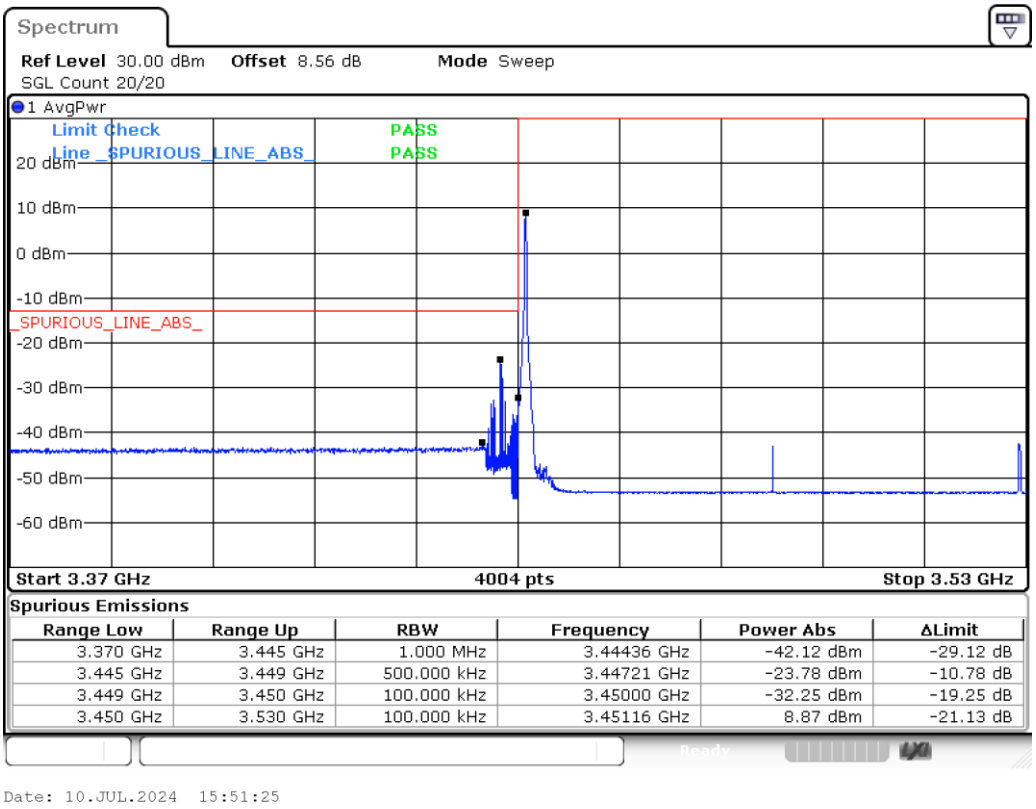


Spurious Emissions

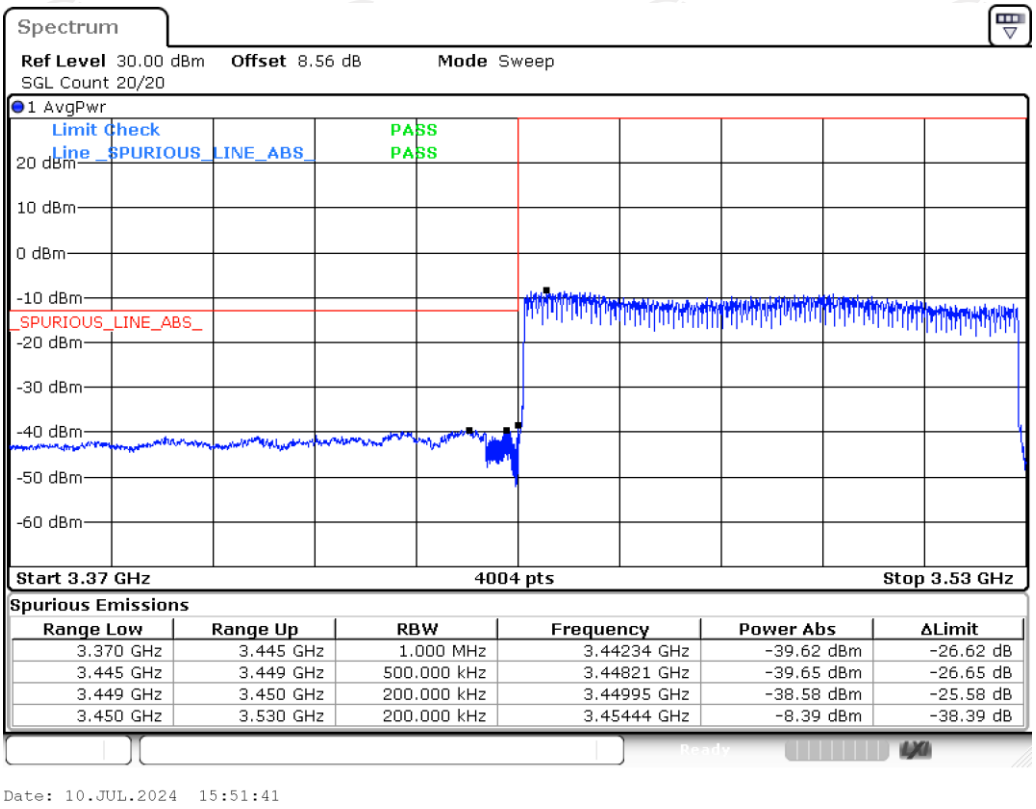
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.370 GHz	3.445 GHz	1.000 MHz	3.43754 GHz	-38.70 dBm	-25.70 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44863 GHz	-32.33 dBm	-19.33 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44931 GHz	-35.88 dBm	-22.88 dB
3.450 GHz	3.530 GHz	200.000 kHz	3.45180 GHz	-5.91 dBm	-35.91 dB

Date: 10.JUL.2024 15:50:45

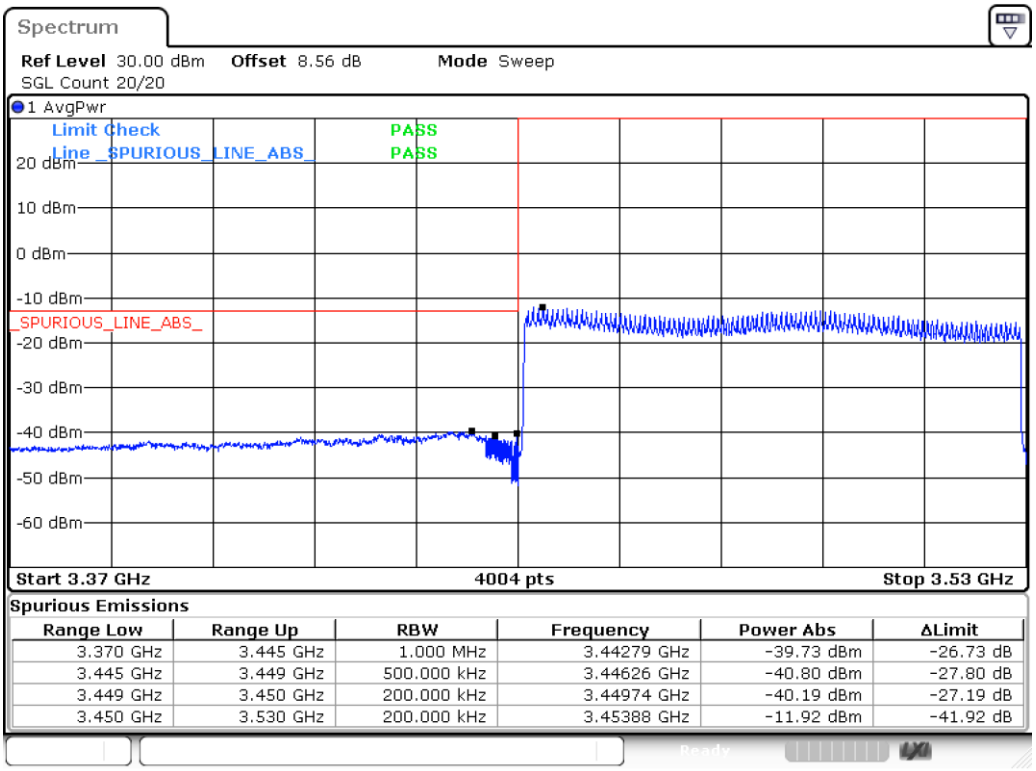
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz LowChannel=632668 RB=216@0



n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz LowChannel=632668 RB=1@0



n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz LowChannel=632668 RB=216@0

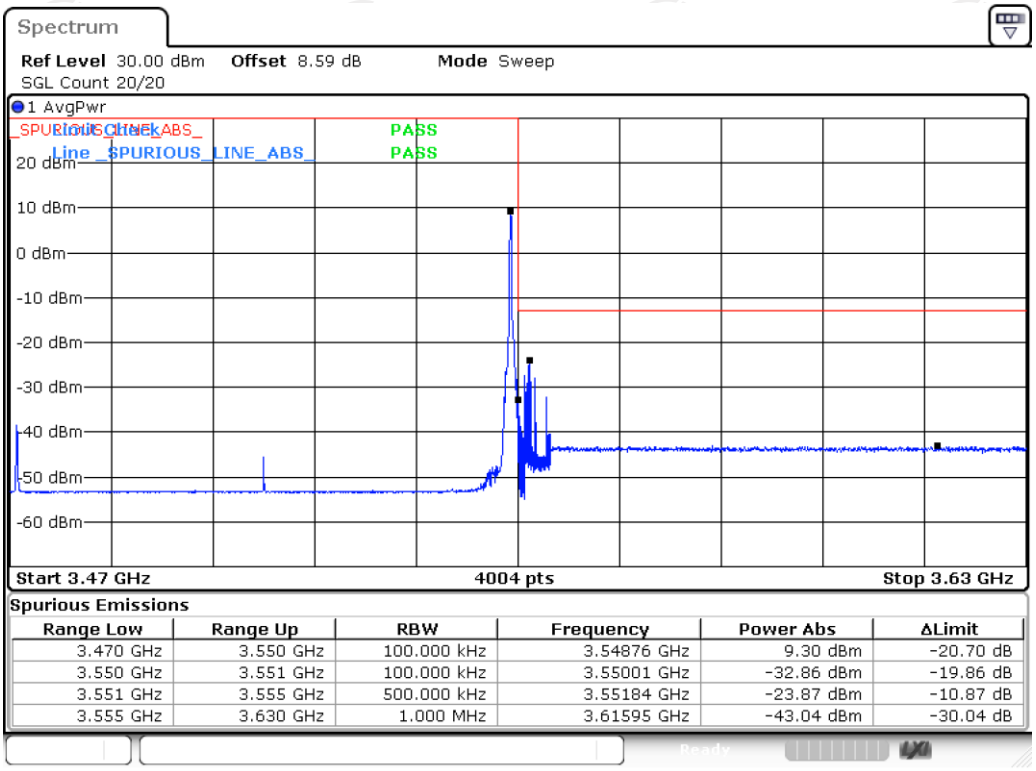


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.370 GHz	3.445 GHz	1.000 MHz	3.44279 GHz	-39.73 dBm	-26.73 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44626 GHz	-40.80 dBm	-27.80 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44974 GHz	-40.19 dBm	-27.19 dB
3.450 GHz	3.530 GHz	200.000 kHz	3.45388 GHz	-11.92 dBm	-41.92 dB

Date: 10.JUL.2024 15:51:58

n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz LowChannel=632668 RB=217@0

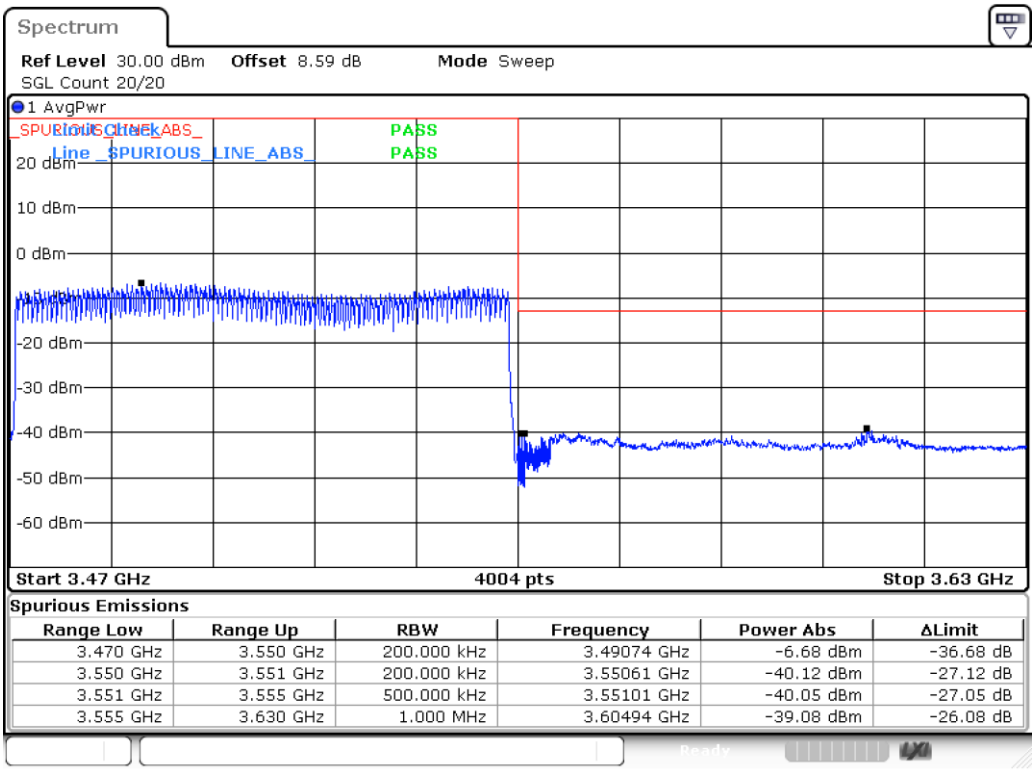


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	100.000 kHz	3.54876 GHz	9.30 dBm	-20.70 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55001 GHz	-32.86 dBm	-19.86 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55184 GHz	-23.87 dBm	-10.87 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.61595 GHz	-43.04 dBm	-30.04 dB

Date: 10.JUL.2024 15:52:54

n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz HighChannel=634000 RB=1@216

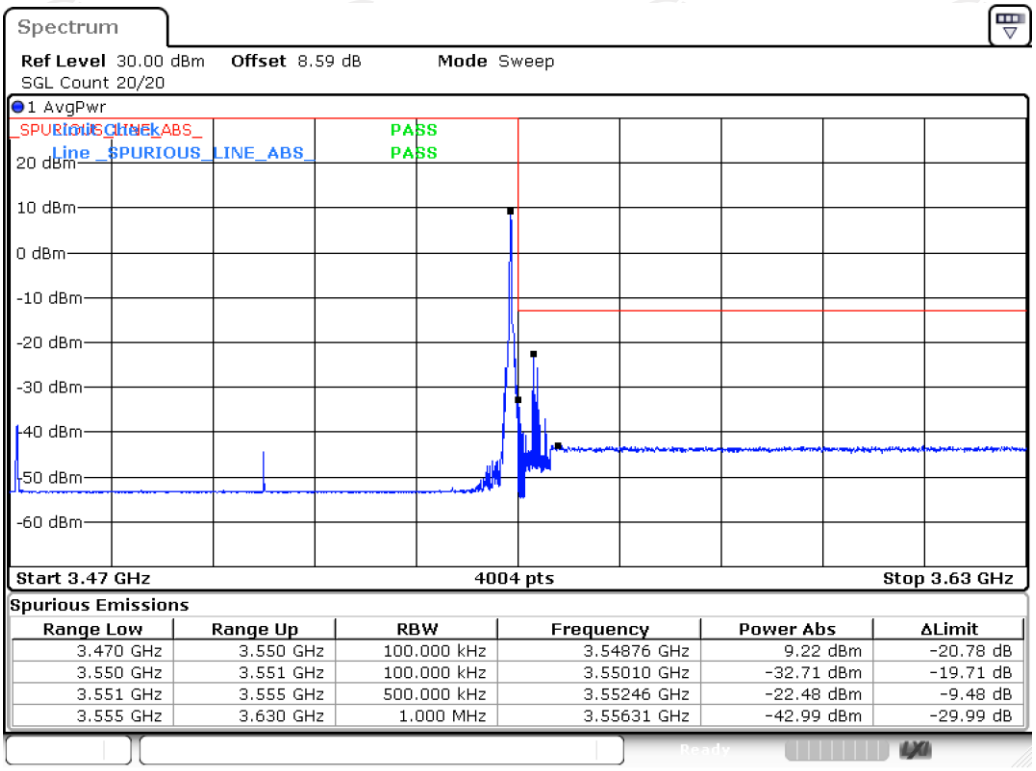


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	200.000 kHz	3.49074 GHz	-6.68 dBm	-36.68 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55061 GHz	-40.12 dBm	-27.12 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55101 GHz	-40.05 dBm	-27.05 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.60494 GHz	-39.08 dBm	-26.08 dB

Date: 10.JUL.2024 15:53:09

n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz HighChannel=634000 RB=216@0

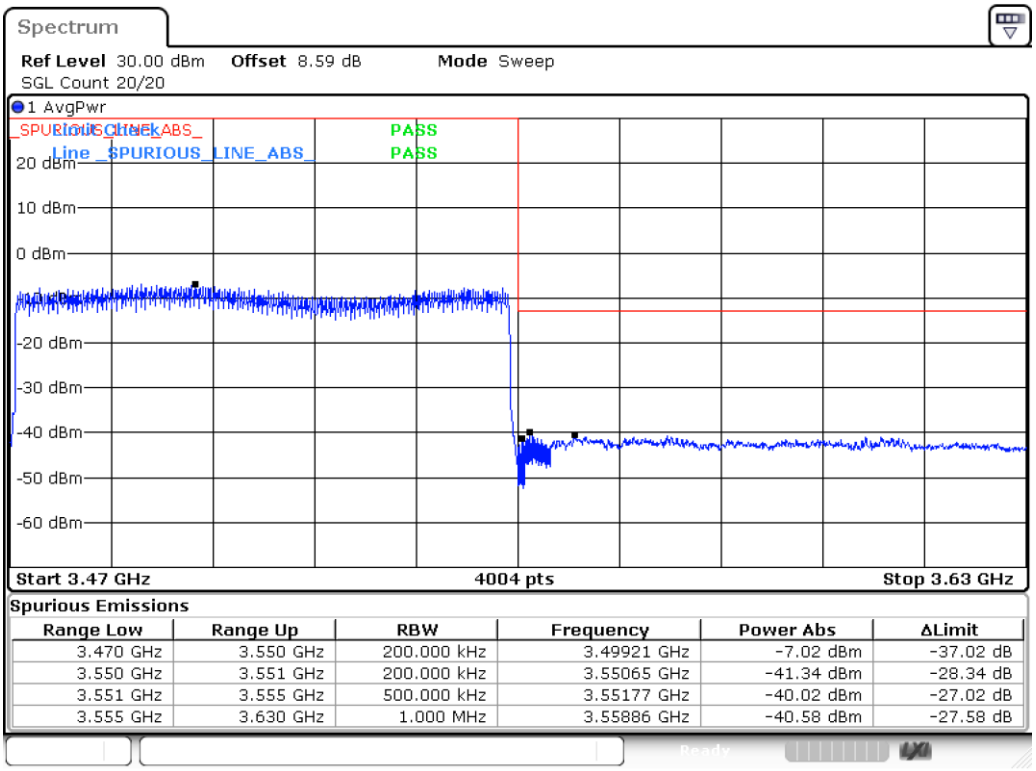


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	100.000 kHz	3.54876 GHz	9.22 dBm	-20.78 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55010 GHz	-32.71 dBm	-19.71 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55246 GHz	-22.48 dBm	-9.48 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.55631 GHz	-42.99 dBm	-29.99 dB

Date: 10.JUL.2024 15:53:48

n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz HighChannel=634000 RB=1@216

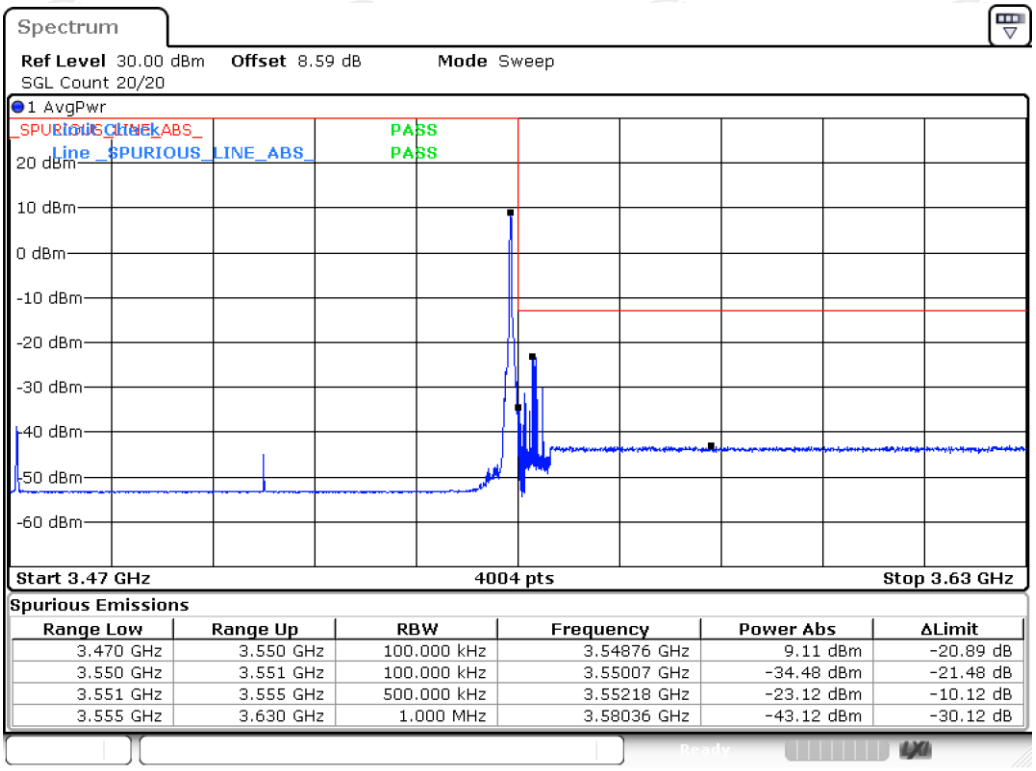


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	200.000 kHz	3.49921 GHz	-7.02 dBm	-37.02 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55065 GHz	-41.34 dBm	-28.34 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55177 GHz	-40.02 dBm	-27.02 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.55886 GHz	-40.58 dBm	-27.58 dB

Date: 10.JUL.2024 15:54:03

n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz HighChannel=634000 RB=216@0

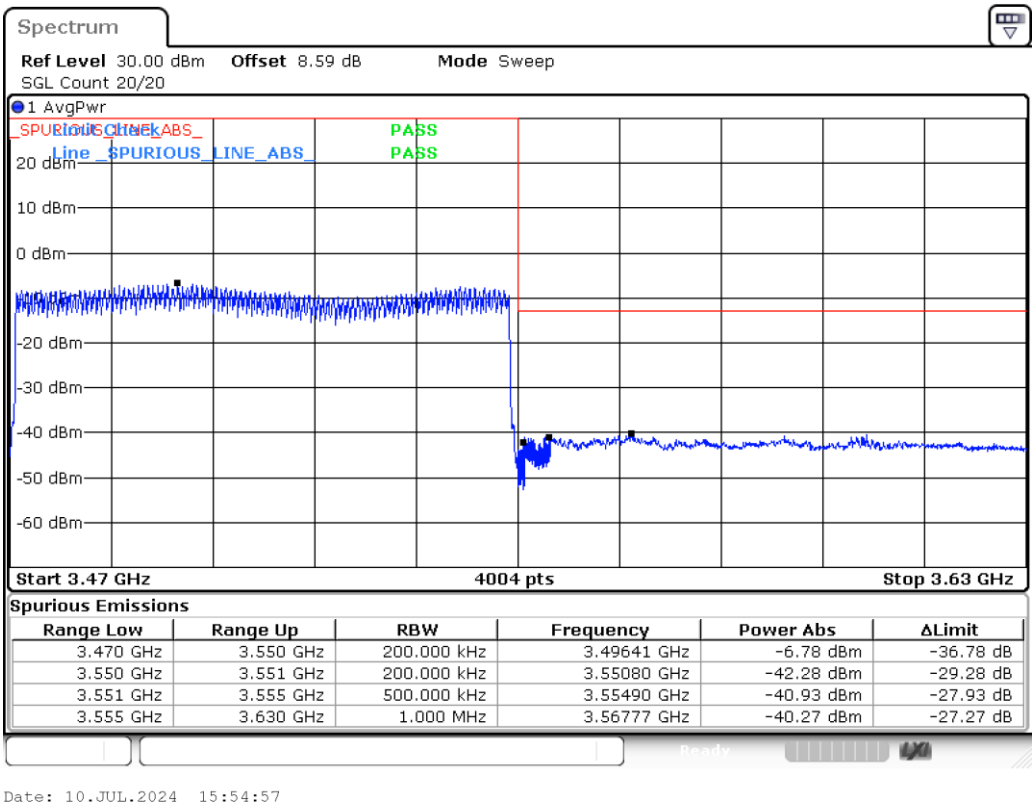


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	100.000 kHz	3.54876 GHz	9.11 dBm	-20.89 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55007 GHz	-34.48 dBm	-21.48 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55218 GHz	-23.12 dBm	-10.12 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.58036 GHz	-43.12 dBm	-30.12 dB

Date: 10.JUL.2024 15:54:42

n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz HighChannel=634000 RB=1@216

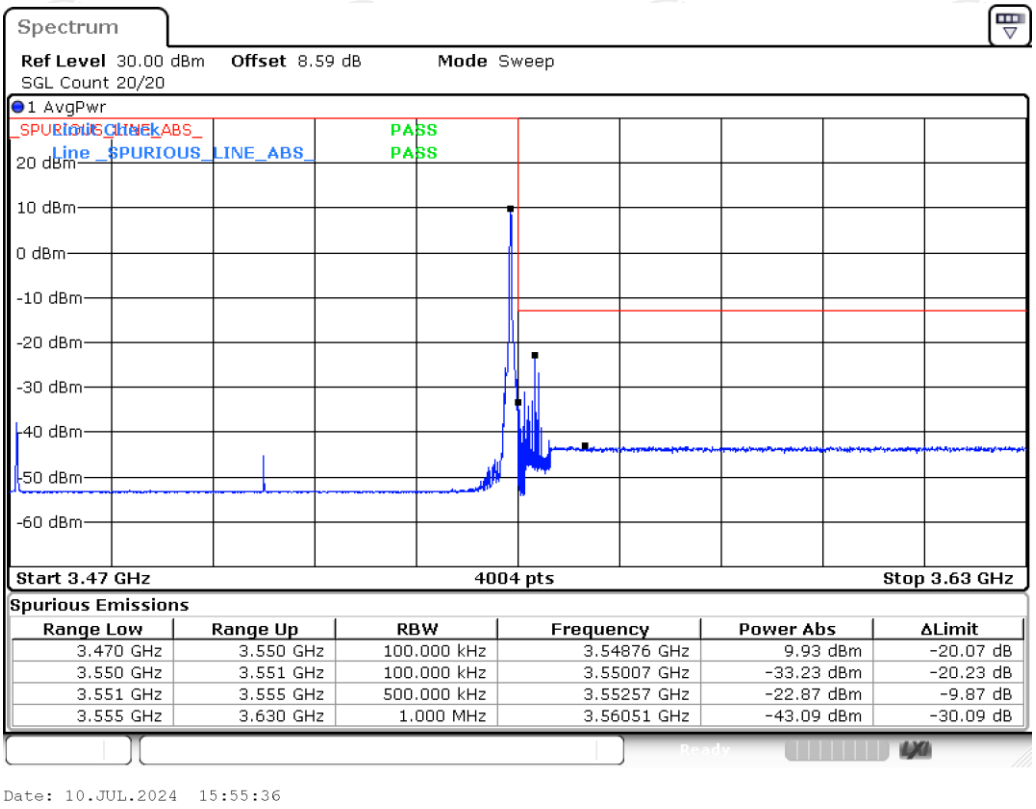


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	200.000 kHz	3.49641 GHz	-6.78 dBm	-36.78 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55080 GHz	-42.28 dBm	-29.28 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55490 GHz	-40.93 dBm	-27.93 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.56777 GHz	-40.27 dBm	-27.27 dB

Date: 10.JUL.2024 15:54:57

n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz HighChannel=634000 RB=216@0

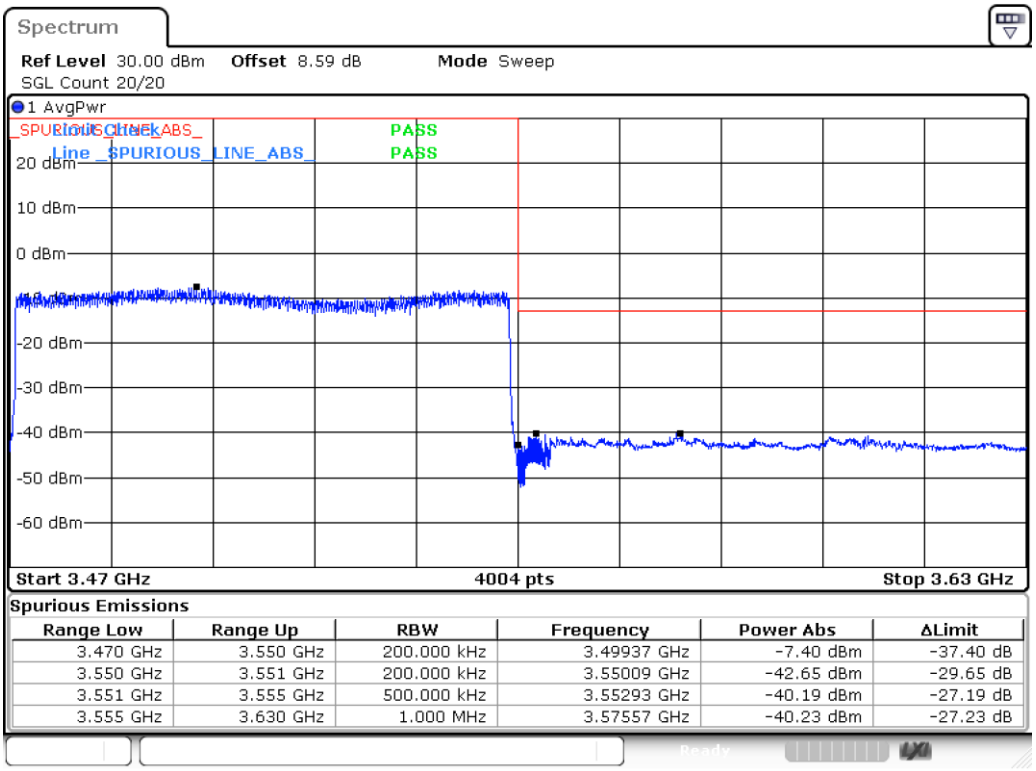


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	100.000 kHz	3.54876 GHz	9.93 dBm	-20.07 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55007 GHz	-33.23 dBm	-20.23 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55257 GHz	-22.87 dBm	-9.87 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.56051 GHz	-43.09 dBm	-30.09 dB

Date: 10.JUL.2024 15:55:36

n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz HighChannel=634000 RB=1@216

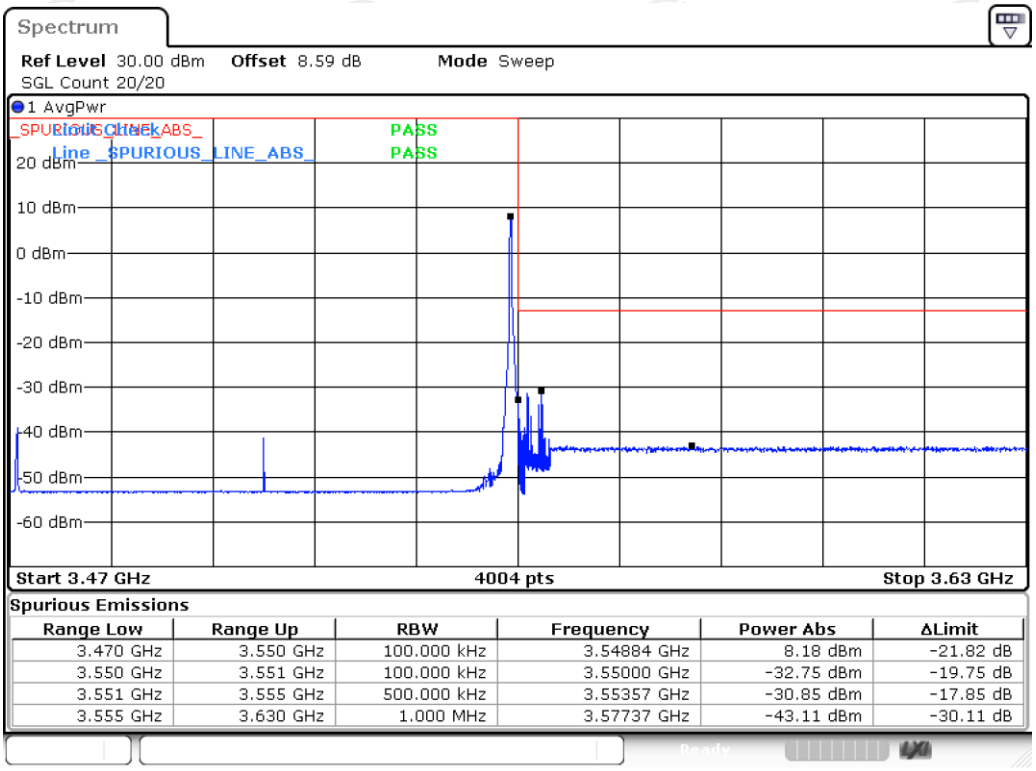


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	200.000 kHz	3.49937 GHz	-7.40 dBm	-37.40 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55009 GHz	-42.65 dBm	-29.65 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55293 GHz	-40.19 dBm	-27.19 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.57557 GHz	-40.23 dBm	-27.23 dB

Date: 10.JUL.2024 15:55:51

n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz HighChannel=634000 RB=216@0

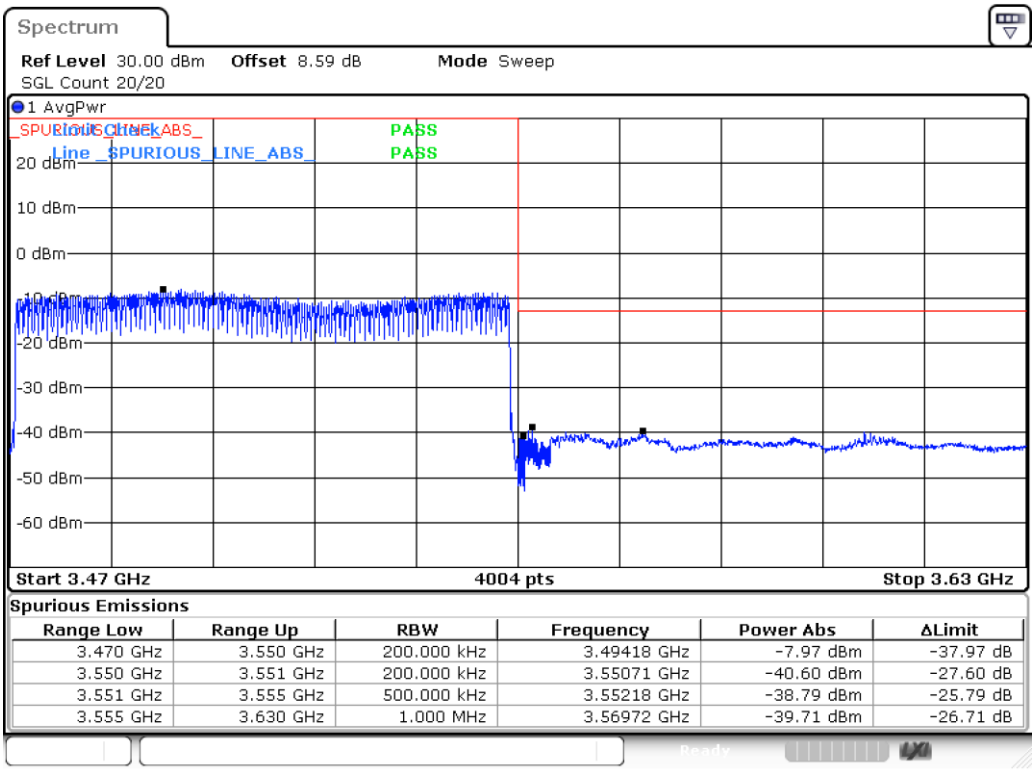


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	100.000 kHz	3.54884 GHz	8.18 dBm	-21.82 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55000 GHz	-32.75 dBm	-19.75 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55357 GHz	-30.85 dBm	-17.85 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.57737 GHz	-43.11 dBm	-30.11 dB

Date: 10.JUL.2024 15:56:32

n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz HighChannel=634000 RB=1@216

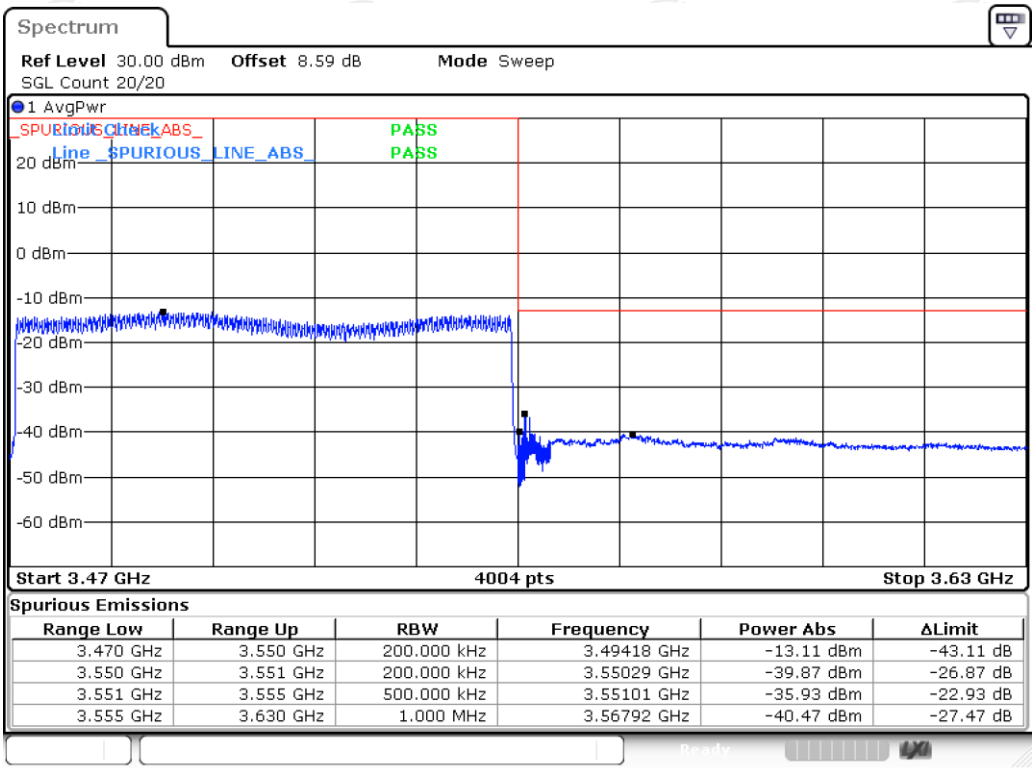


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	200.000 kHz	3.49418 GHz	-7.97 dBm	-37.97 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55071 GHz	-40.60 dBm	-27.60 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55218 GHz	-38.79 dBm	-25.79 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.56972 GHz	-39.71 dBm	-26.71 dB

Date: 10.JUL.2024 15:56:47

n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz HighChannel=634000 RB=216@0

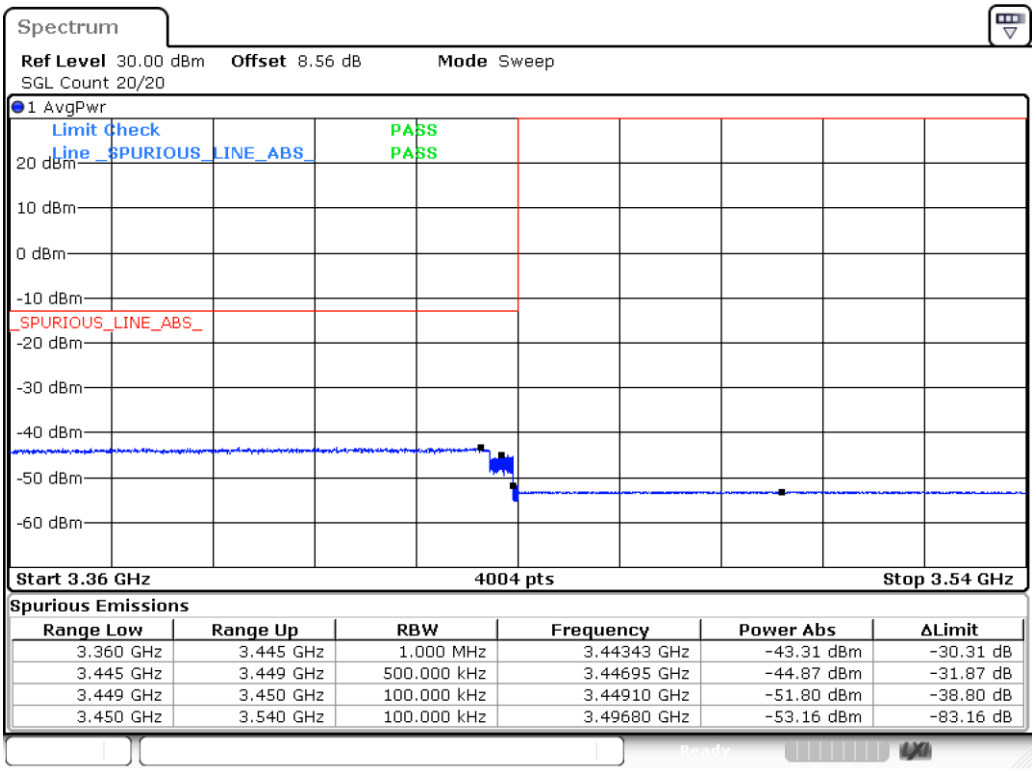


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.470 GHz	3.550 GHz	200.000 kHz	3.49418 GHz	-13.11 dBm	-43.11 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55029 GHz	-39.87 dBm	-26.87 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55101 GHz	-35.93 dBm	-22.93 dB
3.555 GHz	3.630 GHz	1.000 MHz	3.56792 GHz	-40.47 dBm	-27.47 dB

Date: 10.JUL.2024 15:57:03

n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz HighChannel=634000 RB=217@0

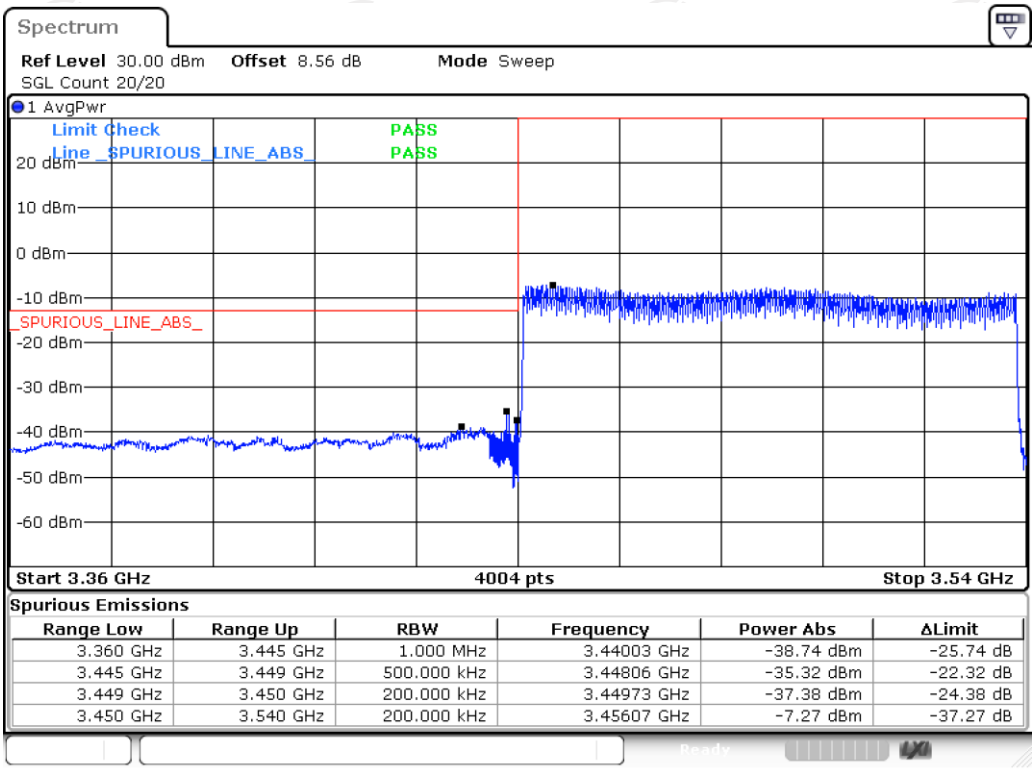


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.360 GHz	3.445 GHz	1.000 MHz	3.44343 GHz	-43.31 dBm	-30.31 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44695 GHz	-44.87 dBm	-31.87 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44910 GHz	-51.80 dBm	-38.80 dB
3.450 GHz	3.540 GHz	100.000 kHz	3.49680 GHz	-53.16 dBm	-83.16 dB

Date: 10.JUL.2024 15:57:57

n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz LowChannel=633000 RB=1@0

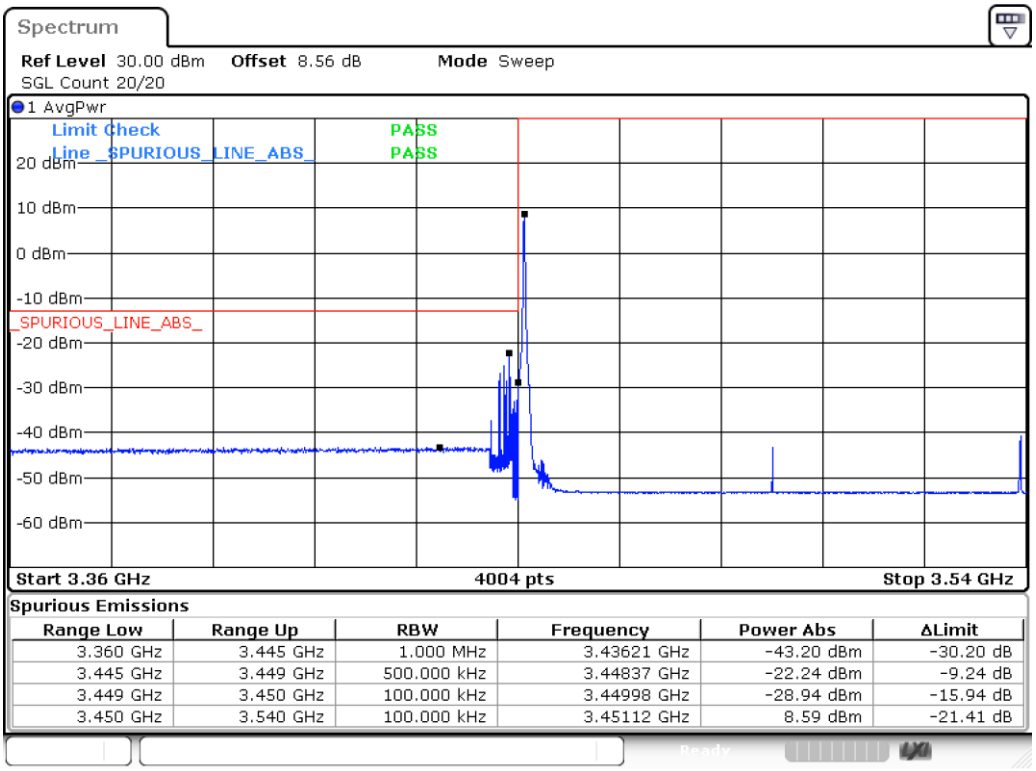


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.360 GHz	3.445 GHz	1.000 MHz	3.44003 GHz	-38.74 dBm	-25.74 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44806 GHz	-35.32 dBm	-22.32 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44973 GHz	-37.38 dBm	-24.38 dB
3.450 GHz	3.540 GHz	200.000 kHz	3.45607 GHz	-7.27 dBm	-37.27 dB

Date: 10.JUL.2024 16:25:27

n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz LowChannel=633000 RB=243@0

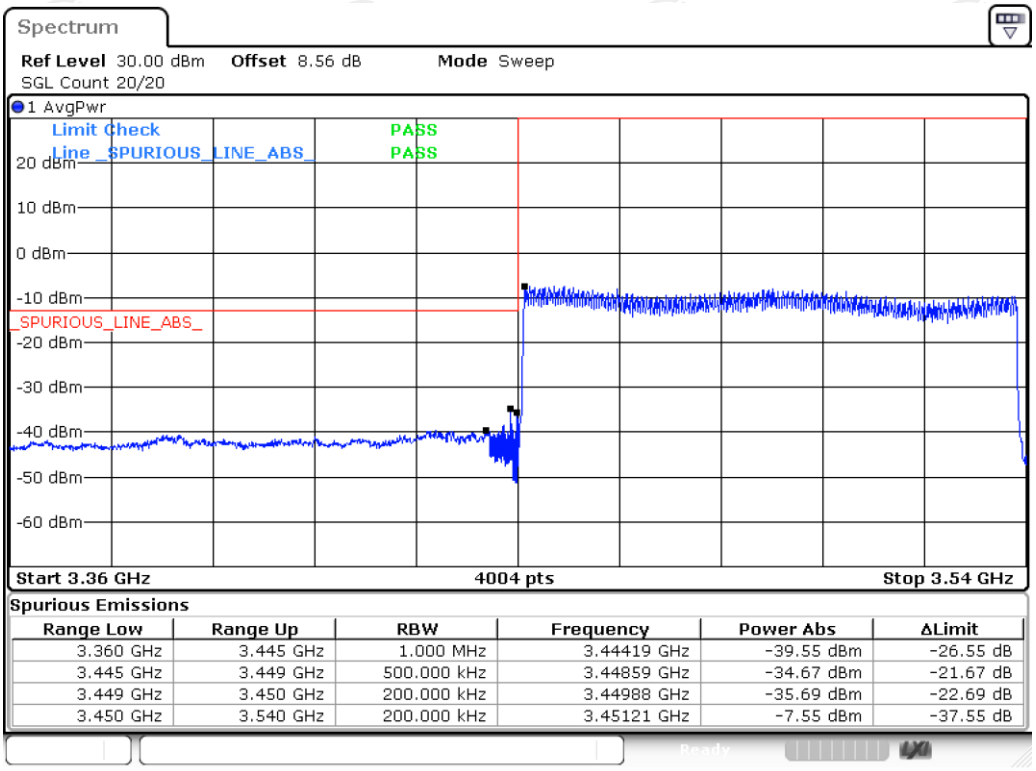


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.360 GHz	3.445 GHz	1.000 MHz	3.43621 GHz	-43.20 dBm	-30.20 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44837 GHz	-22.24 dBm	-9.24 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44998 GHz	-28.94 dBm	-15.94 dB
3.450 GHz	3.540 GHz	100.000 kHz	3.45112 GHz	8.59 dBm	-21.41 dB

Date: 10.JUL.2024 16:26:12

n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz LowChannel=633000 RB=1@0

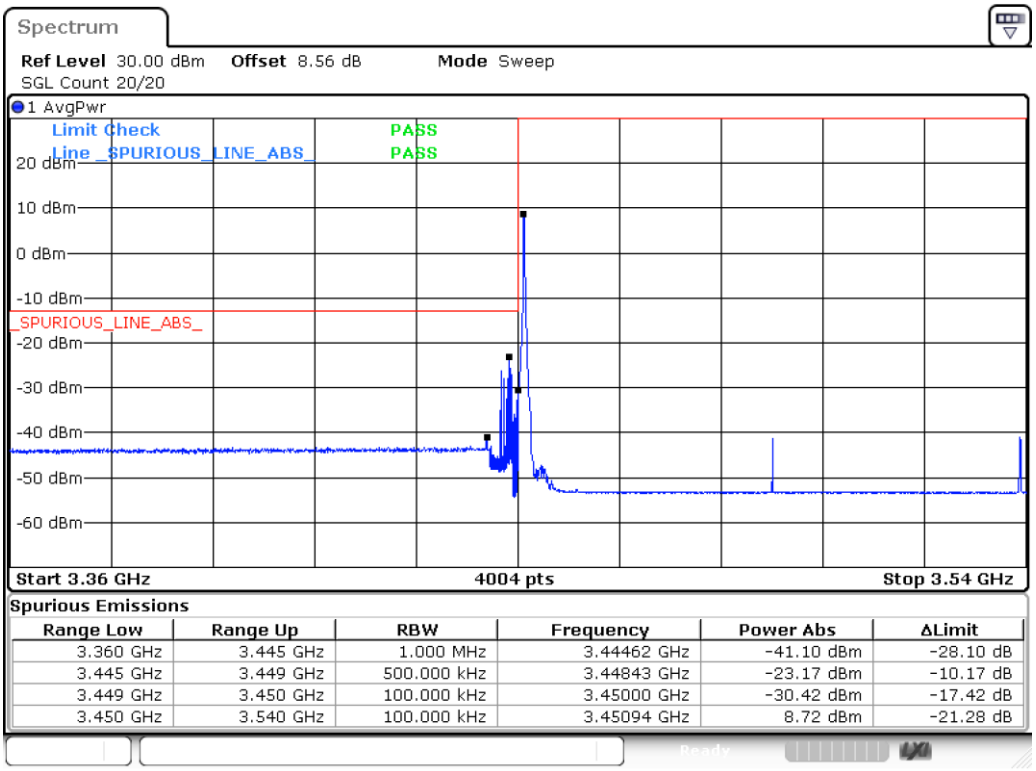


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.360 GHz	3.445 GHz	1.000 MHz	3.44419 GHz	-39.55 dBm	-26.55 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44859 GHz	-34.67 dBm	-21.67 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44988 GHz	-35.69 dBm	-22.69 dB
3.450 GHz	3.540 GHz	200.000 kHz	3.45121 GHz	-7.55 dBm	-37.55 dB

Date: 10.JUL.2024 16:26:28

n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz LowChannel=633000 RB=243@0

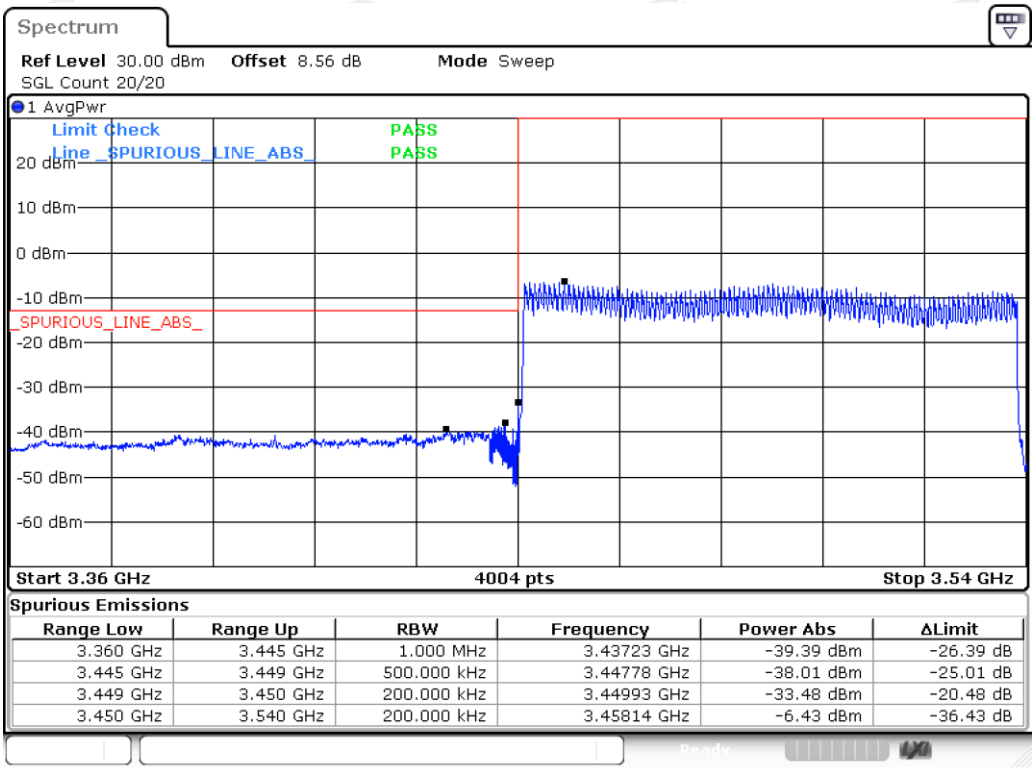


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.360 GHz	3.445 GHz	1.000 MHz	3.44462 GHz	-41.10 dBm	-28.10 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44843 GHz	-23.17 dBm	-10.17 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.45000 GHz	-30.42 dBm	-17.42 dB
3.450 GHz	3.540 GHz	100.000 kHz	3.45094 GHz	8.72 dBm	-21.28 dB

Date: 10.JUL.2024 16:27:11

n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz LowChannel=633000 RB=1@0

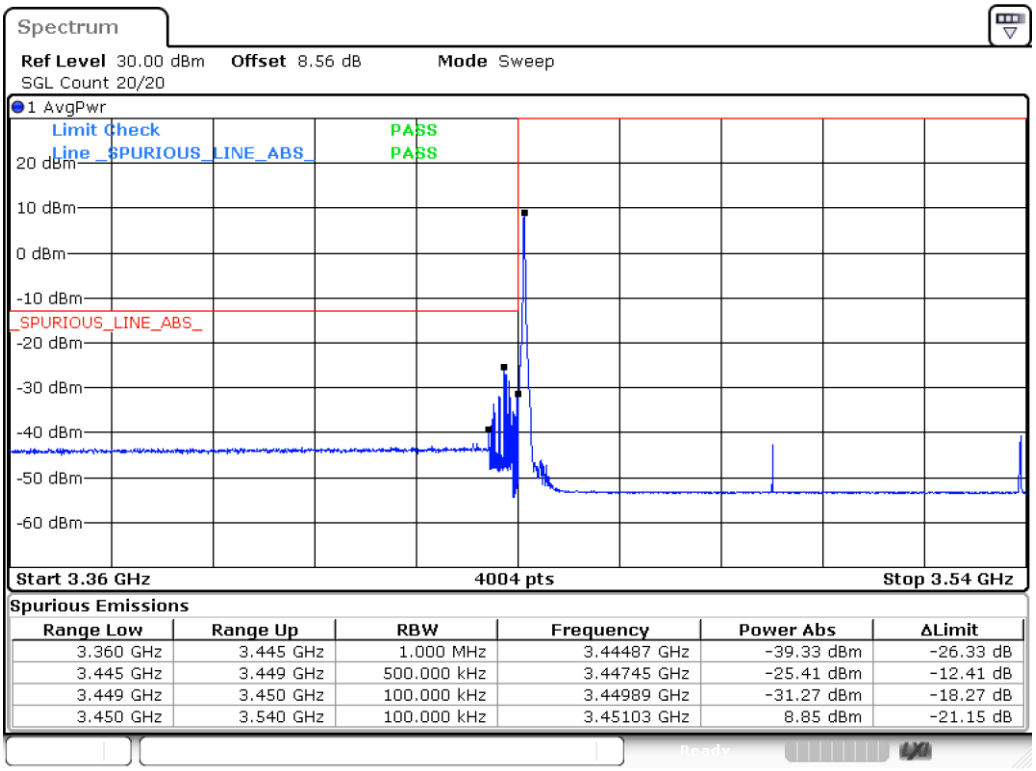


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.360 GHz	3.445 GHz	1.000 MHz	3.43723 GHz	-39.39 dBm	-26.39 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44778 GHz	-38.01 dBm	-25.01 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44993 GHz	-33.48 dBm	-20.48 dB
3.450 GHz	3.540 GHz	200.000 kHz	3.45814 GHz	-6.43 dBm	-36.43 dB

Date: 10.JUL.2024 16:27:27

n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz LowChannel=633000 RB=243@0

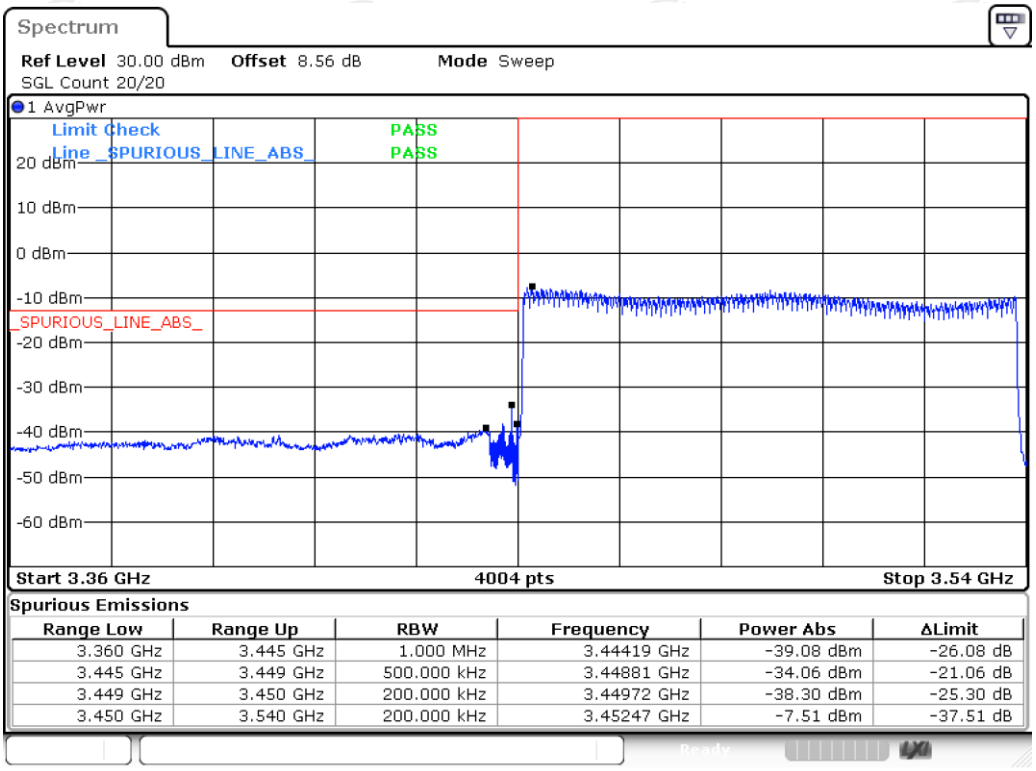


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.360 GHz	3.445 GHz	1.000 MHz	3.44487 GHz	-39.33 dBm	-26.33 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44745 GHz	-25.41 dBm	-12.41 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44989 GHz	-31.27 dBm	-18.27 dB
3.450 GHz	3.540 GHz	100.000 kHz	3.45103 GHz	8.85 dBm	-21.15 dB

Date: 10.JUL.2024 16:28:11

n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz LowChannel=633000 RB=1@0

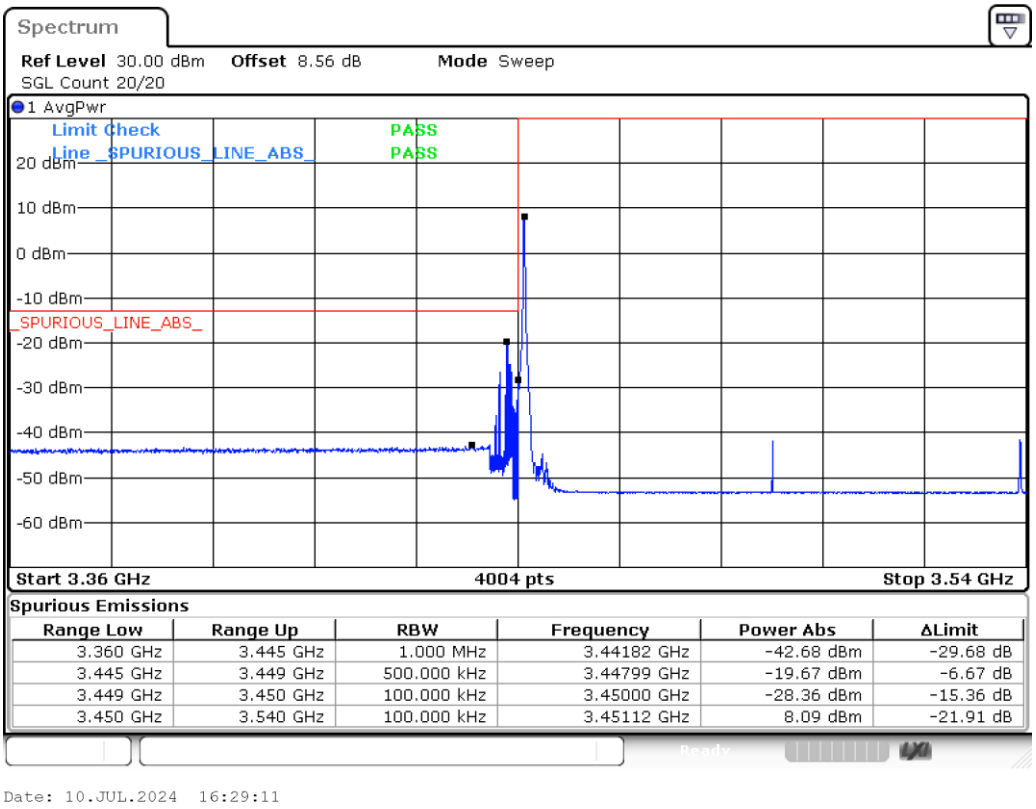


Spurious Emissions

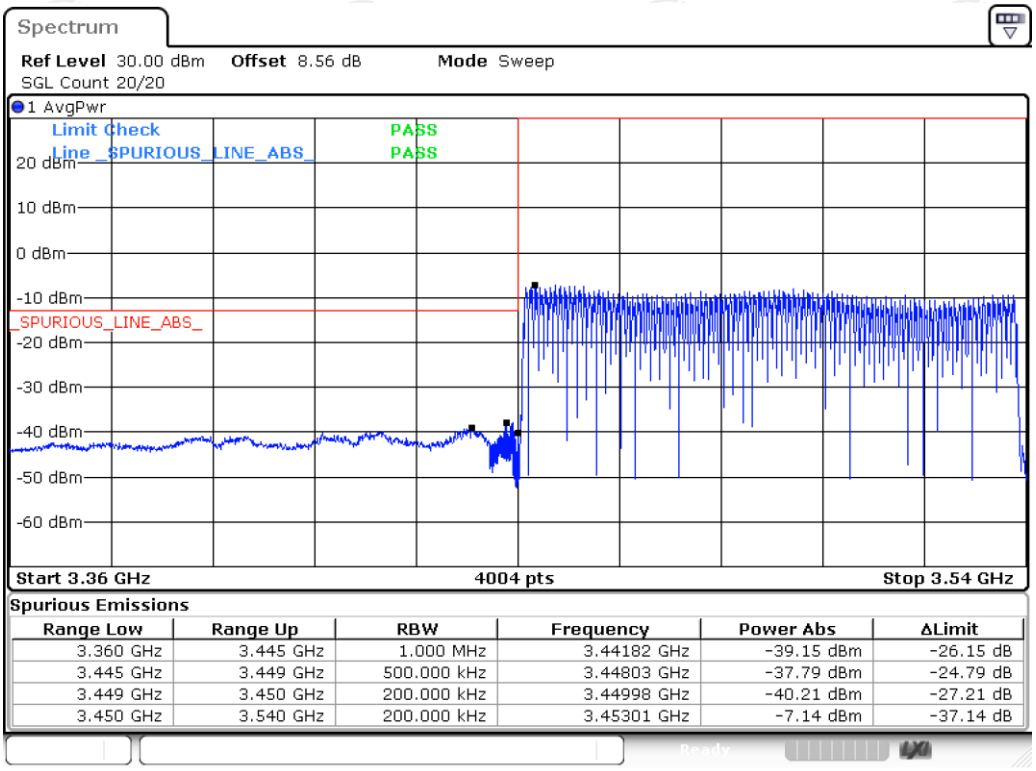
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.360 GHz	3.445 GHz	1.000 MHz	3.44419 GHz	-39.08 dBm	-26.08 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44881 GHz	-34.06 dBm	-21.06 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44972 GHz	-38.30 dBm	-25.30 dB
3.450 GHz	3.540 GHz	200.000 kHz	3.45247 GHz	-7.51 dBm	-37.51 dB

Date: 10.JUL.2024 16:28:26

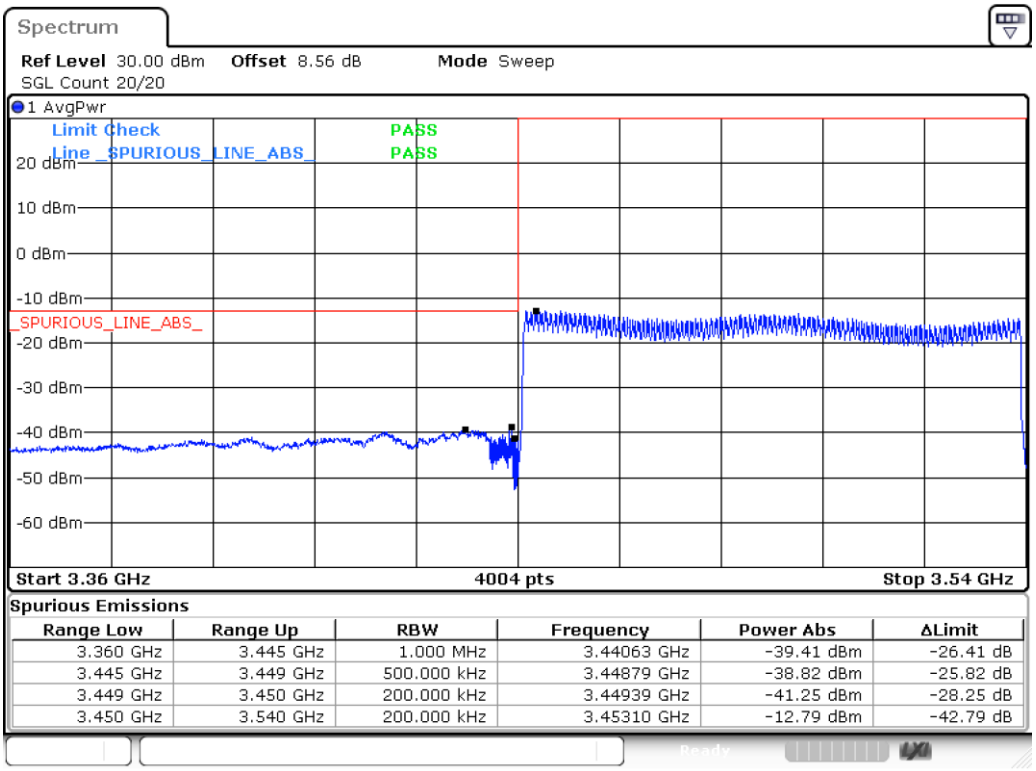
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz LowChannel=633000 RB=243@0



n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz LowChannel=633000 RB=1@0



n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz LowChannel=633000 RB=243@0

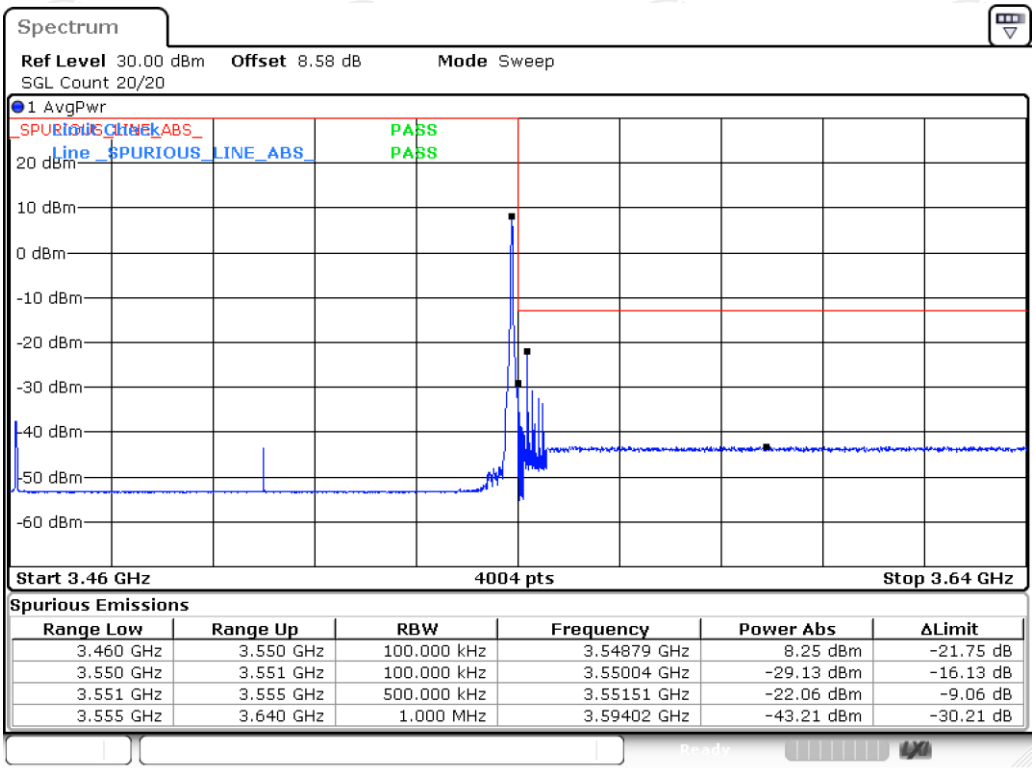


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.360 GHz	3.445 GHz	1.000 MHz	3.44063 GHz	-39.41 dBm	-26.41 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44879 GHz	-38.82 dBm	-25.82 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44939 GHz	-41.25 dBm	-28.25 dB
3.450 GHz	3.540 GHz	200.000 kHz	3.45310 GHz	-12.79 dBm	-42.79 dB

Date: 10.JUL.2024 16:29:44

n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz LowChannel=633000 RB=245@0

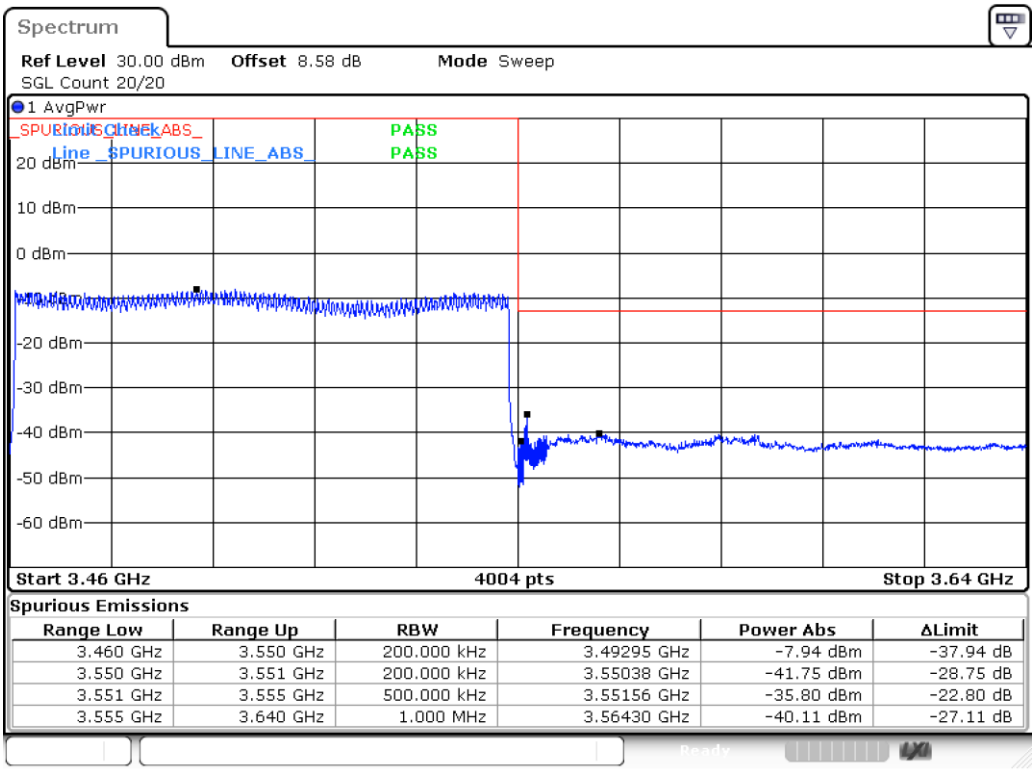


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	100.000 kHz	3.54879 GHz	8.25 dBm	-21.75 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55004 GHz	-29.13 dBm	-16.13 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55151 GHz	-22.06 dBm	-9.06 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.59402 GHz	-43.21 dBm	-30.21 dB

Date: 10.JUL.2024 16:30:33

n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz HighChannel=633666 RB=1@244

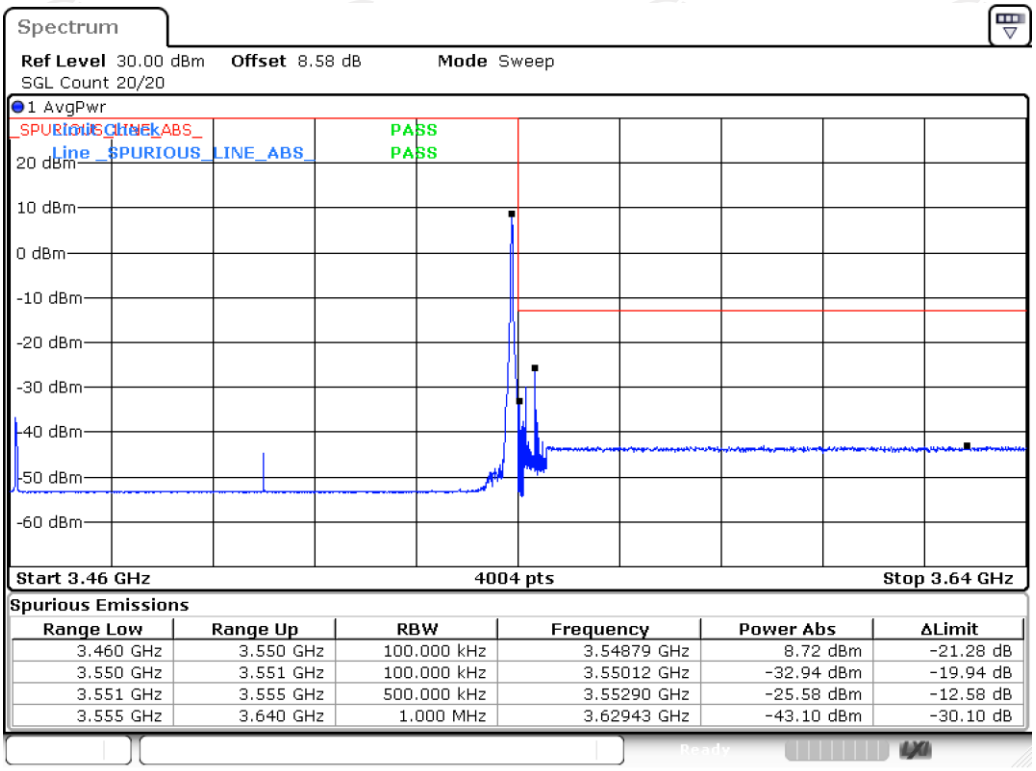


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	200.000 kHz	3.49295 GHz	-7.94 dBm	-37.94 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55038 GHz	-41.75 dBm	-28.75 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55156 GHz	-35.80 dBm	-22.80 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.56430 GHz	-40.11 dBm	-27.11 dB

Date: 10.JUL.2024 16:30:48

n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz HighChannel=633666 RB=243@0



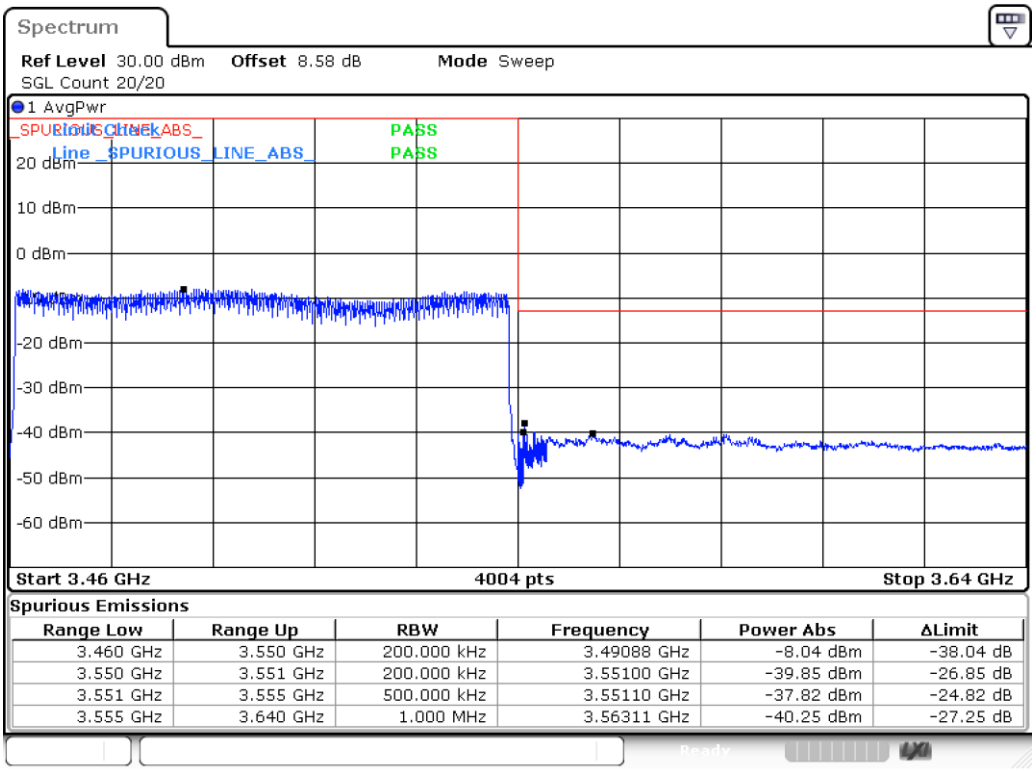
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	100.000 kHz	3.54879 GHz	8.72 dBm	-21.28 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55012 GHz	-32.94 dBm	-19.94 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55290 GHz	-25.58 dBm	-12.58 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.62943 GHz	-43.10 dBm	-30.10 dB

Date: 10.JUL.2024 16:31:31

n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz HighChannel=633666 RB=1@244

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

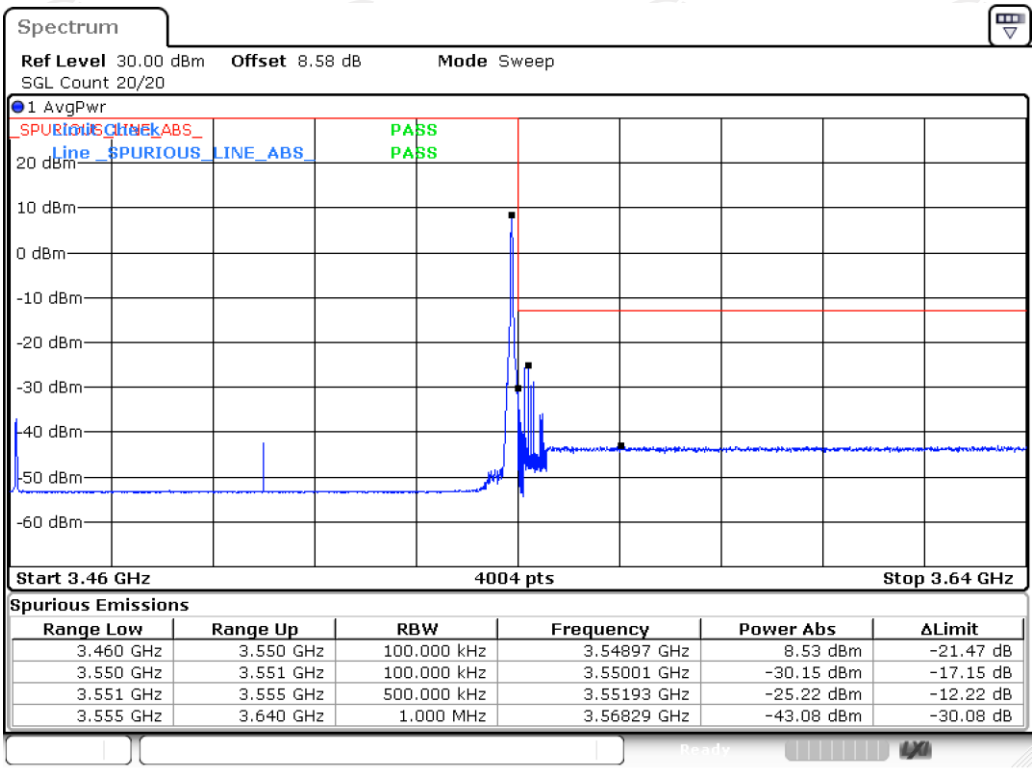


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	200.000 kHz	3.49088 GHz	-8.04 dBm	-38.04 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55100 GHz	-39.85 dBm	-26.85 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55110 GHz	-37.82 dBm	-24.82 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.56311 GHz	-40.25 dBm	-27.25 dB

Date: 10.JUL.2024 16:31:46

n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz HighChannel=633666 RB=243@0

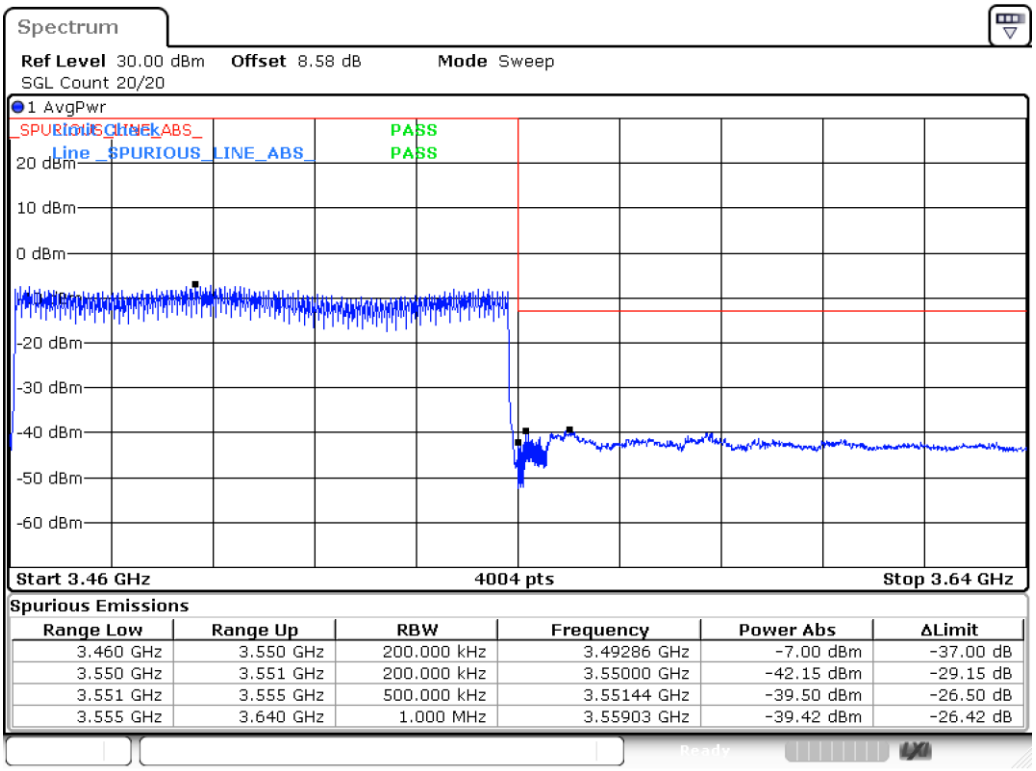


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	100.000 kHz	3.54897 GHz	8.53 dBm	-21.47 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55001 GHz	-30.15 dBm	-17.15 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55193 GHz	-25.22 dBm	-12.22 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.56829 GHz	-43.08 dBm	-30.08 dB

Date: 10.JUL.2024 16:32:30

n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz HighChannel=633666 RB=1@244

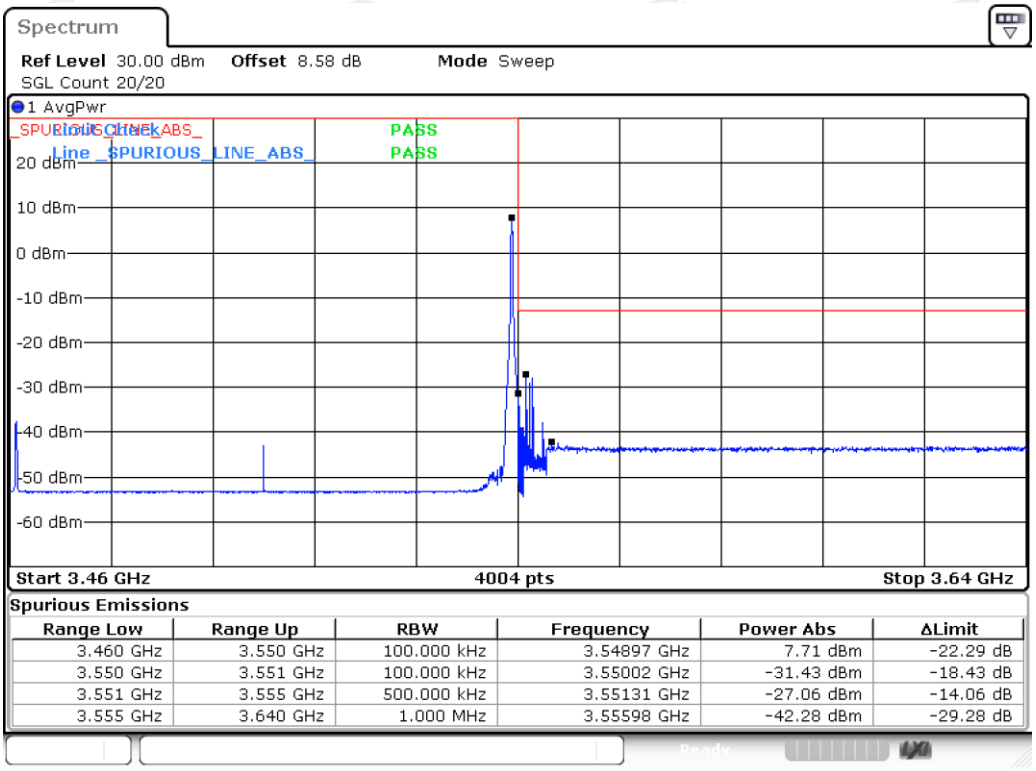


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	200.000 kHz	3.49286 GHz	-7.00 dBm	-37.00 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55000 GHz	-42.15 dBm	-29.15 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55144 GHz	-39.50 dBm	-26.50 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.55903 GHz	-39.42 dBm	-26.42 dB

Date: 10.JUL.2024 16:32:45

n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz HighChannel=633666 RB=243@0

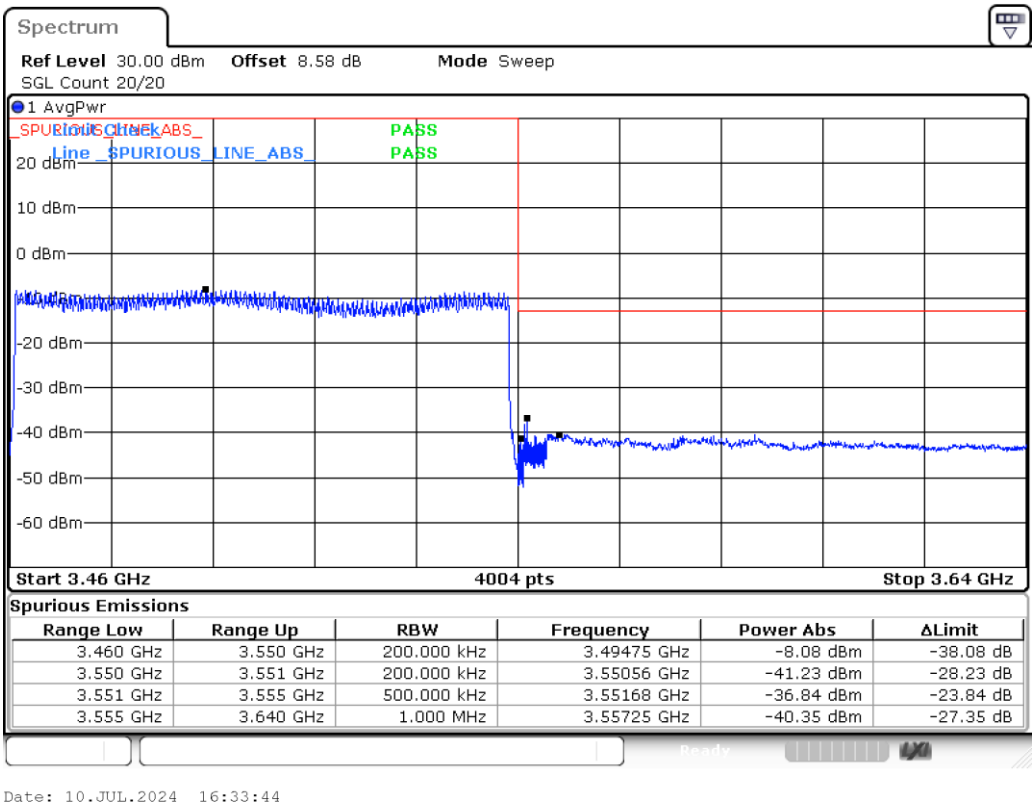


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	100.000 kHz	3.54897 GHz	7.71 dBm	-22.29 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55002 GHz	-31.43 dBm	-18.43 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55131 GHz	-27.06 dBm	-14.06 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.55598 GHz	-42.28 dBm	-29.28 dB

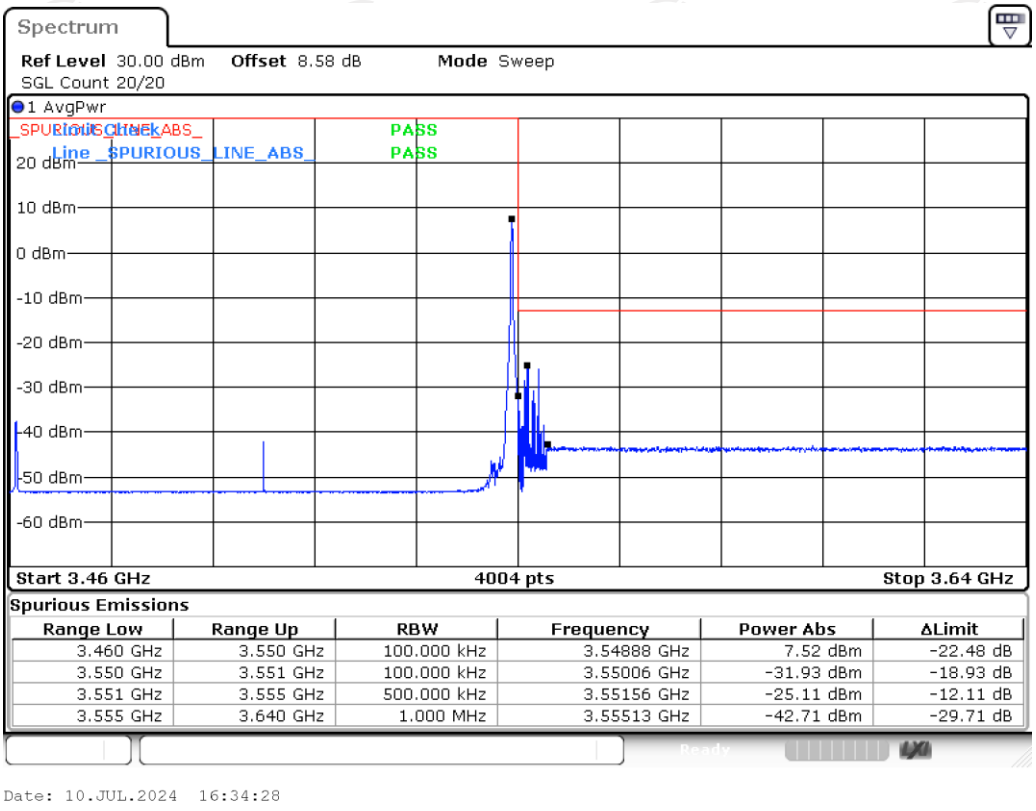
Date: 10.JUL.2024 16:33:28

n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz HighChannel=633666 RB=1@244



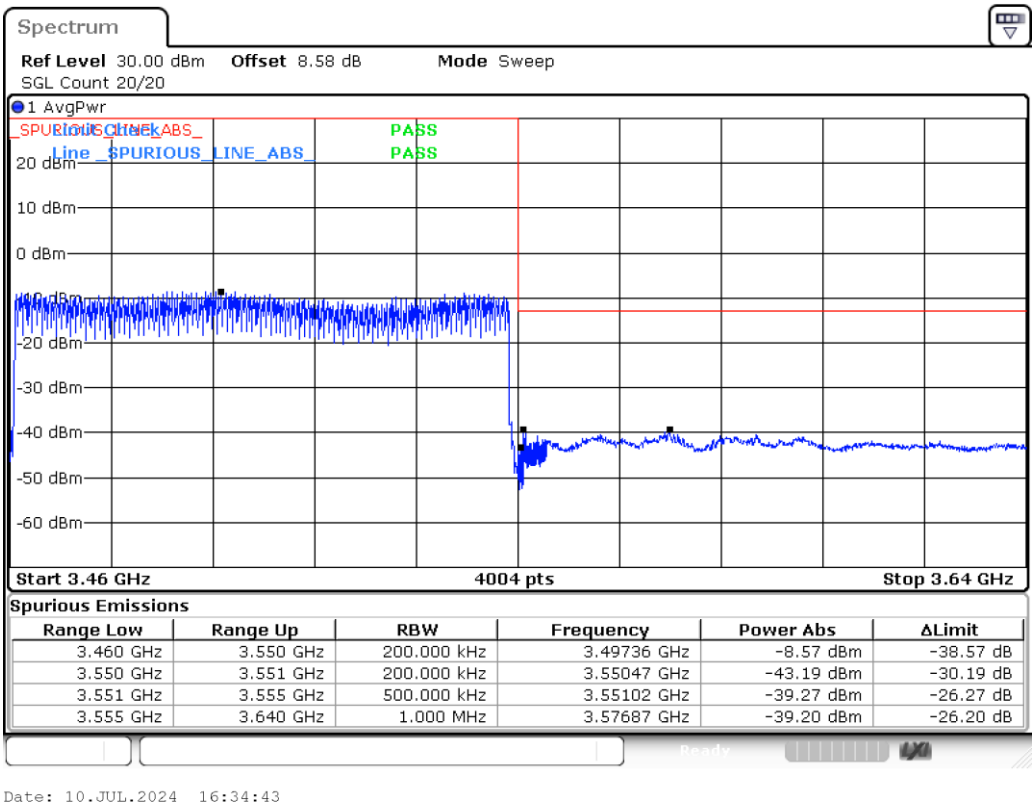
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	200.000 kHz	3.49475 GHz	-8.08 dBm	-38.08 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55056 GHz	-41.23 dBm	-28.23 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55168 GHz	-36.84 dBm	-23.84 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.55725 GHz	-40.35 dBm	-27.35 dB

n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz HighChannel=633666 RB=243@0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	100.000 kHz	3.54888 GHz	7.52 dBm	-22.48 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55006 GHz	-31.93 dBm	-18.93 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55156 GHz	-25.11 dBm	-12.11 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.55513 GHz	-42.71 dBm	-29.71 dB

n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz HighChannel=633666 RB=1@244

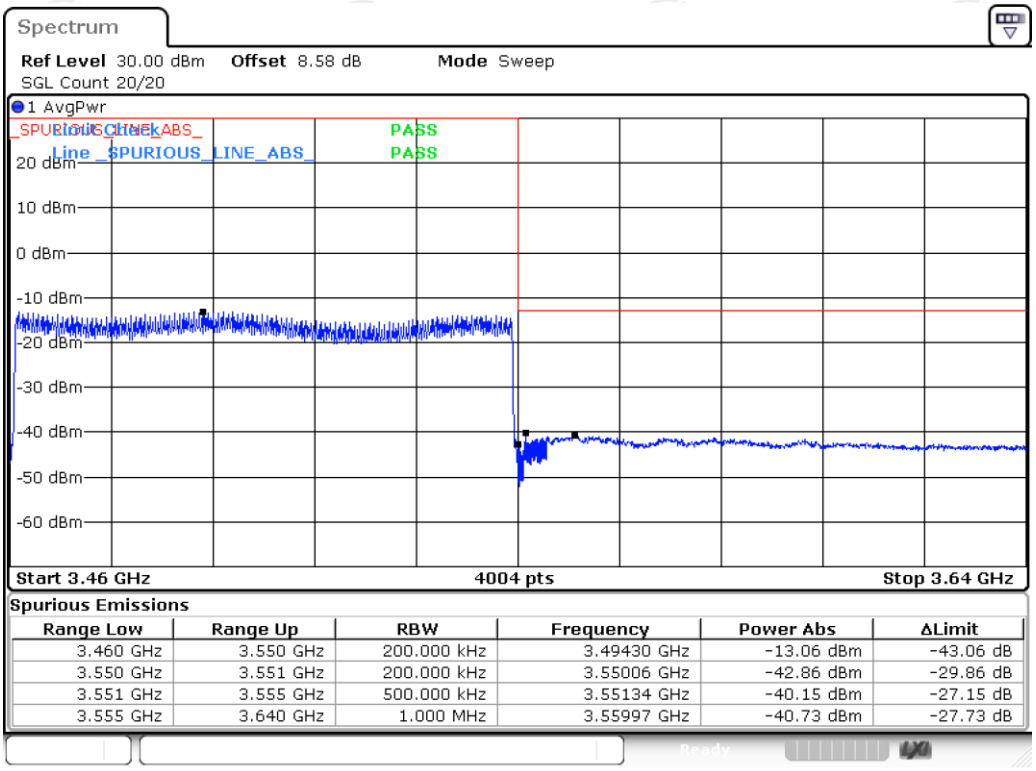


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	200.000 kHz	3.49736 GHz	-8.57 dBm	-38.57 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55047 GHz	-43.19 dBm	-30.19 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55102 GHz	-39.27 dBm	-26.27 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.57687 GHz	-39.20 dBm	-26.20 dB

Date: 10.JUL.2024 16:34:43

n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz HighChannel=633666 RB=243@0

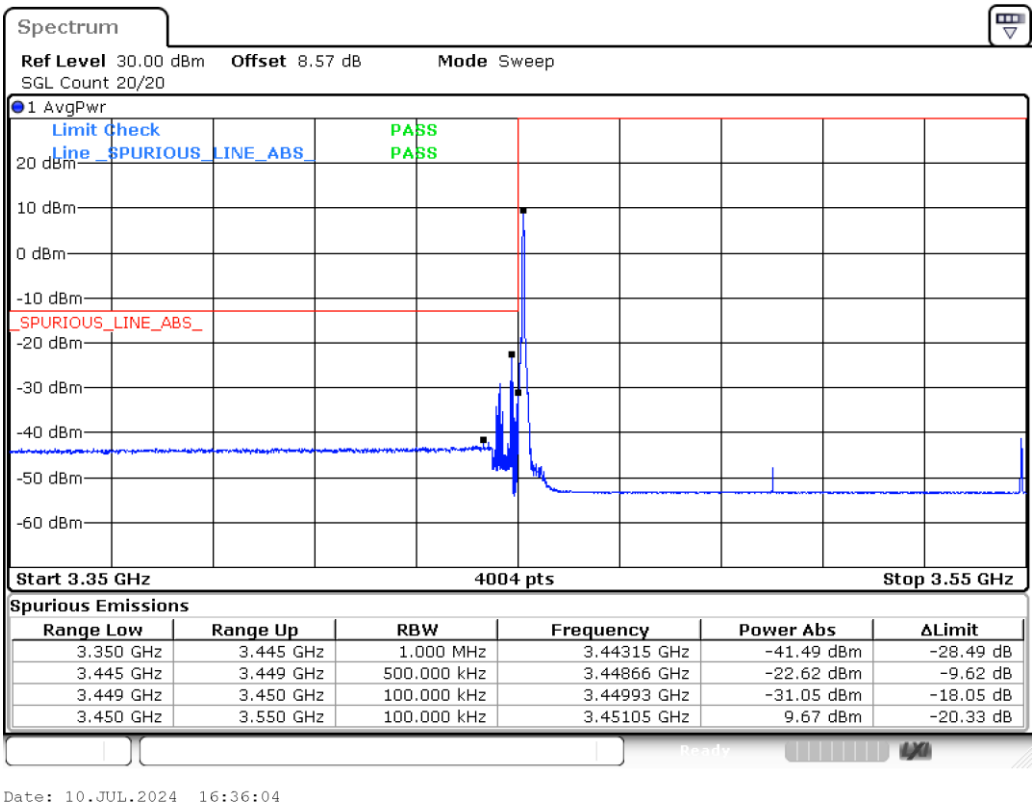


Spurious Emissions

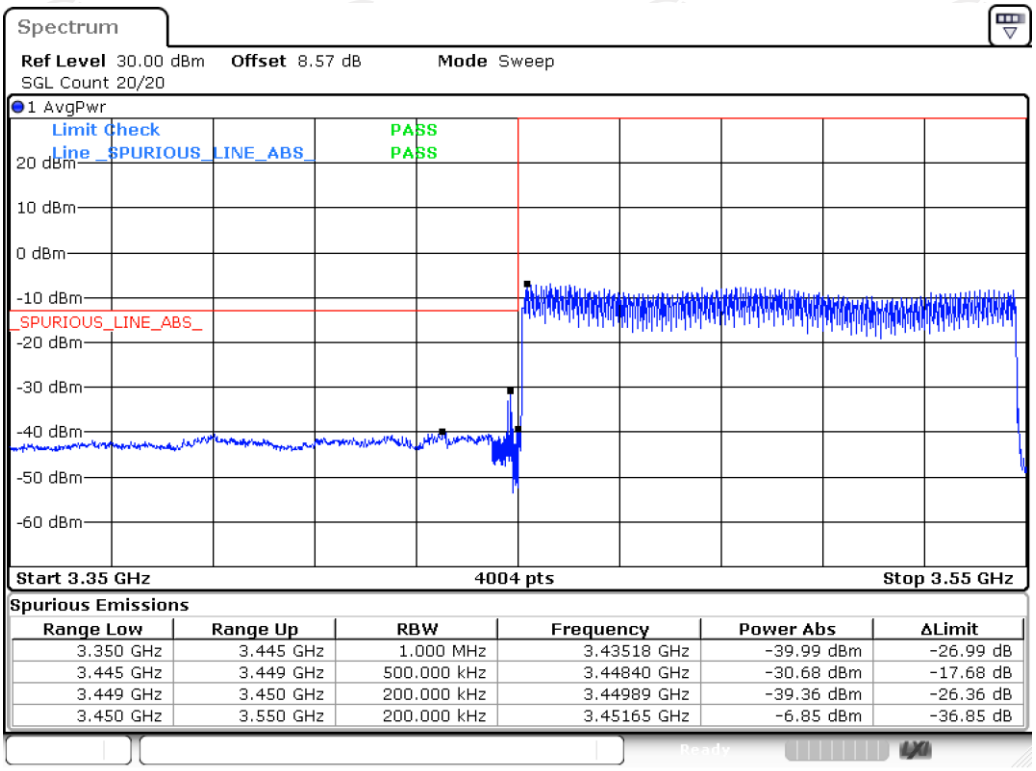
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.460 GHz	3.550 GHz	200.000 kHz	3.49430 GHz	-13.06 dBm	-43.06 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55006 GHz	-42.86 dBm	-29.86 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55134 GHz	-40.15 dBm	-27.15 dB
3.555 GHz	3.640 GHz	1.000 MHz	3.55997 GHz	-40.73 dBm	-27.73 dB

Date: 10.JUL.2024 16:35:00

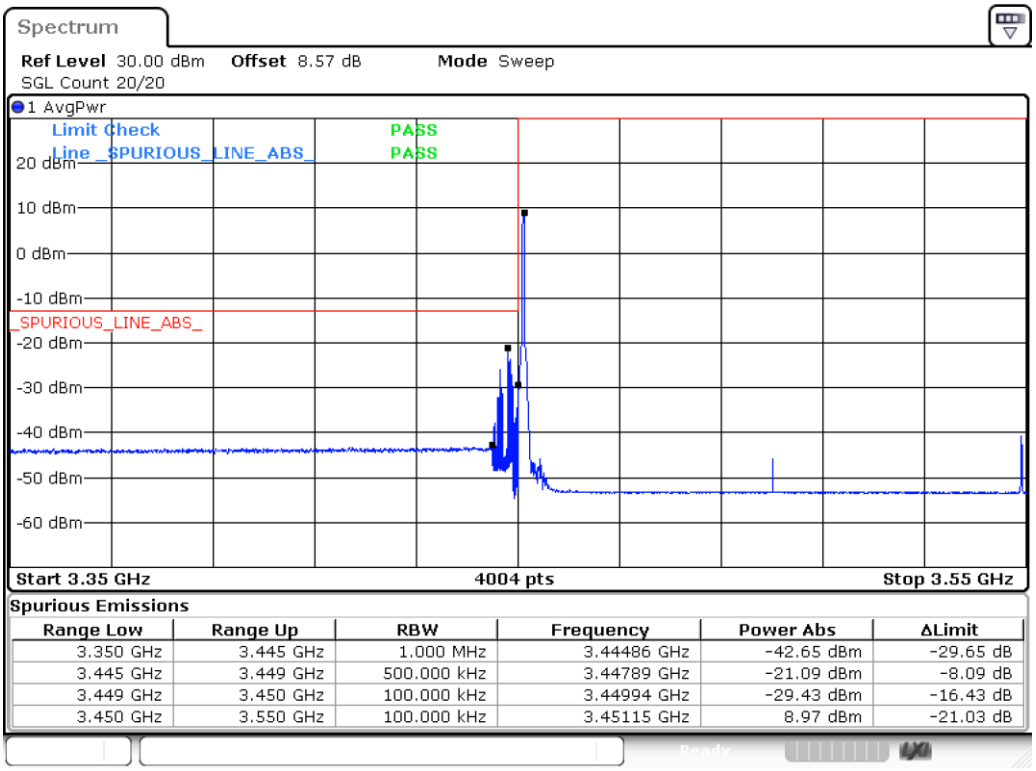
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz HighChannel=633666 RB=245@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz LowChannel=633334 RB=1@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz LowChannel=633334 RB=270@0

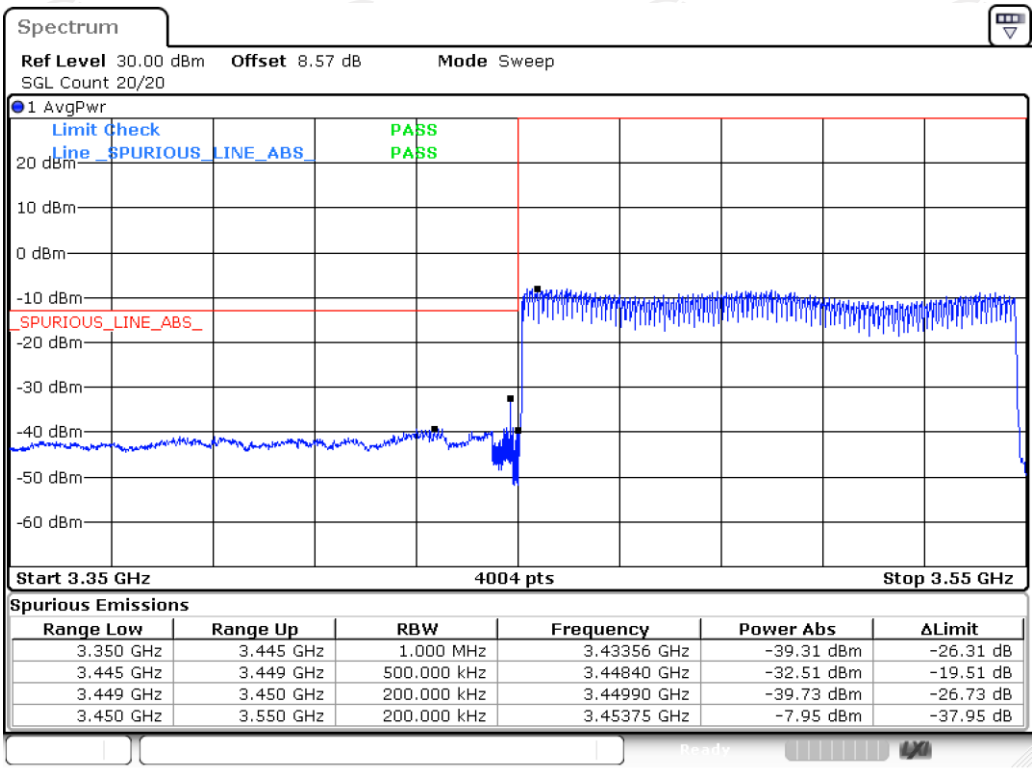


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.350 GHz	3.445 GHz	1.000 MHz	3.44486 GHz	-42.65 dBm	-29.65 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44789 GHz	-21.09 dBm	-8.09 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44994 GHz	-29.43 dBm	-16.43 dB
3.450 GHz	3.550 GHz	100.000 kHz	3.45115 GHz	8.97 dBm	-21.03 dB

Date: 10.JUL.2024 16:37:08

n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz LowChannel=633334 RB=1@0

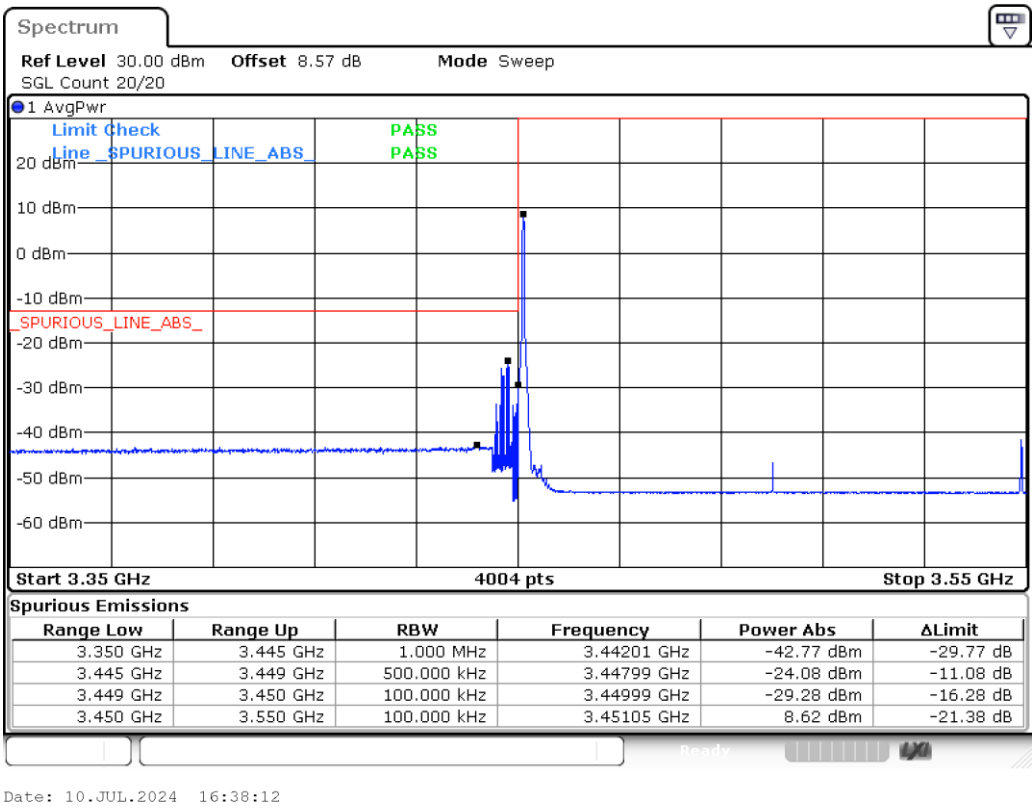


Spurious Emissions

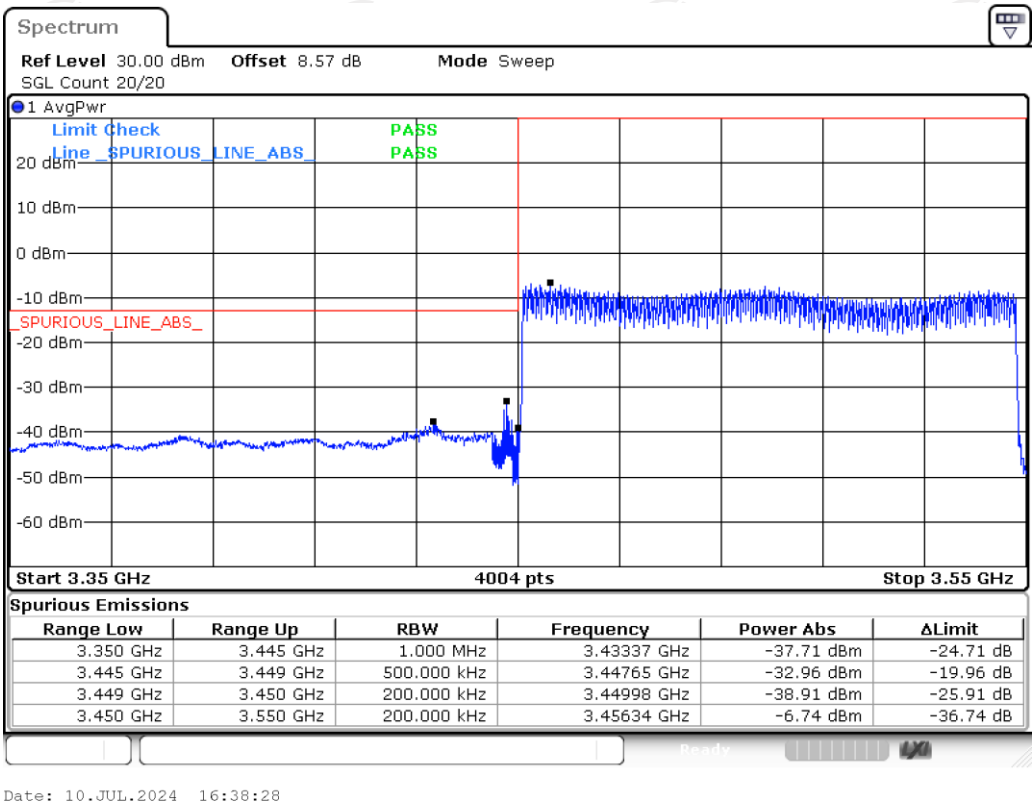
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.350 GHz	3.445 GHz	1.000 MHz	3.43356 GHz	-39.31 dBm	-26.31 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44840 GHz	-32.51 dBm	-19.51 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44990 GHz	-39.73 dBm	-26.73 dB
3.450 GHz	3.550 GHz	200.000 kHz	3.45375 GHz	-7.95 dBm	-37.95 dB

Date: 10.JUL.2024 16:37:24

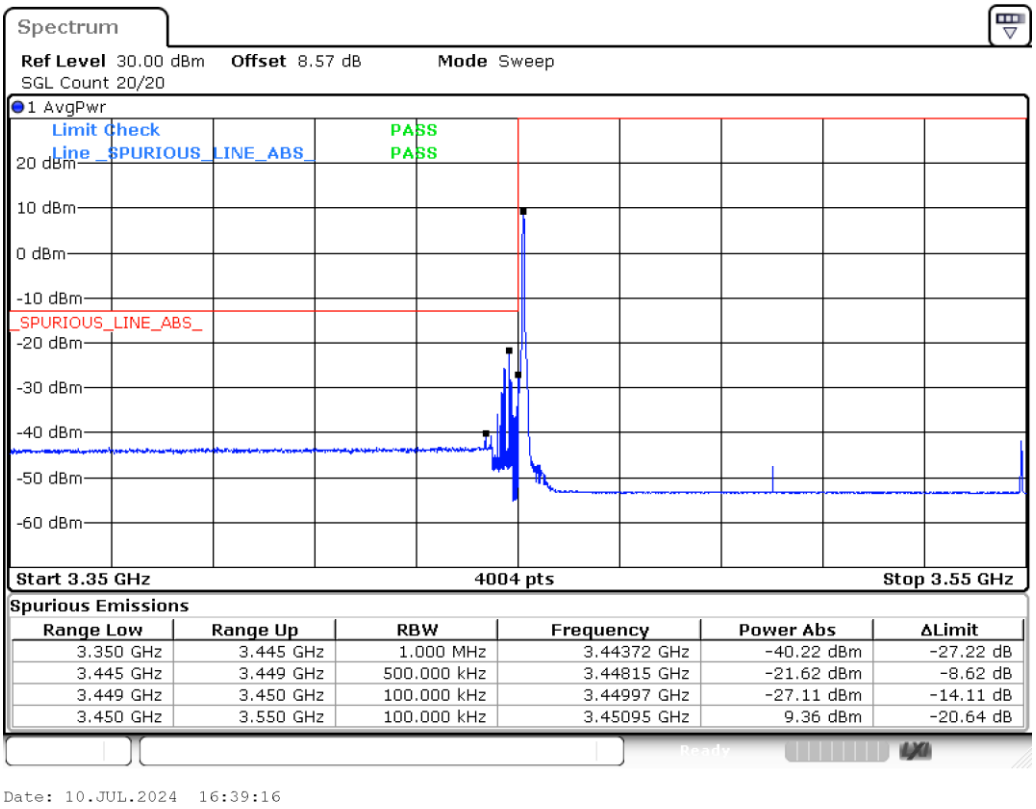
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz LowChannel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz LowChannel=633334 RB=1@0



n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz LowChannel=633334 RB=270@0

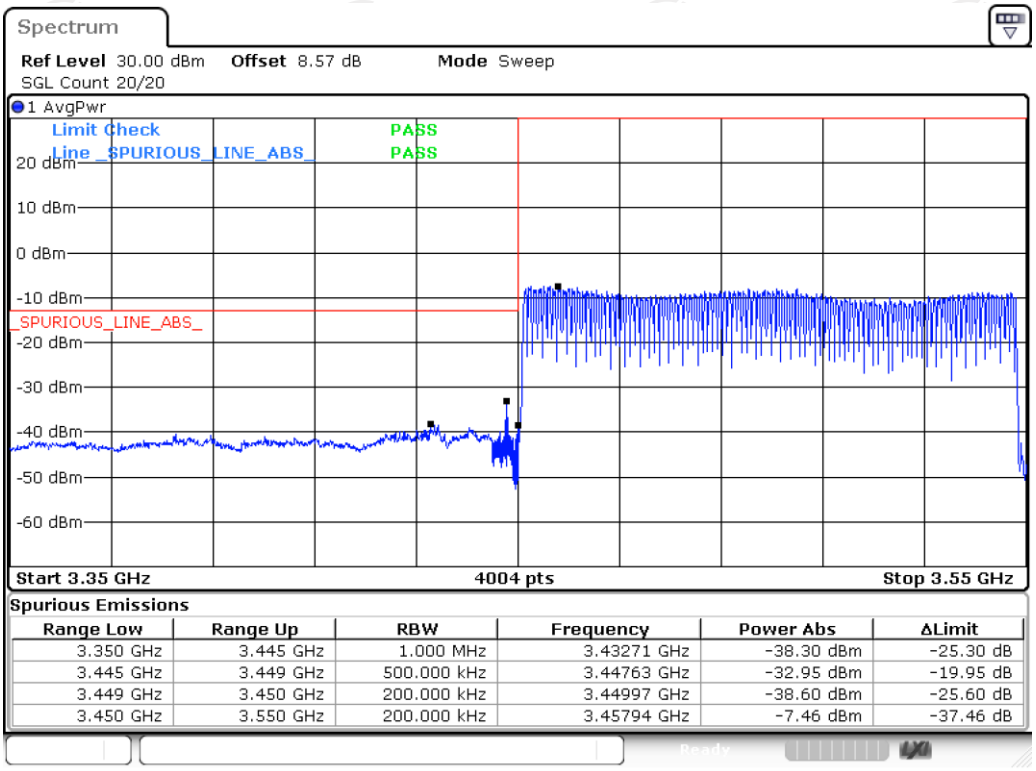


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.350 GHz	3.445 GHz	1.000 MHz	3.44372 GHz	-40.22 dBm	-27.22 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44815 GHz	-21.62 dBm	-8.62 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44997 GHz	-27.11 dBm	-14.11 dB
3.450 GHz	3.550 GHz	100.000 kHz	3.45095 GHz	9.36 dBm	-20.64 dB

Date: 10.JUL.2024 16:39:16

n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz LowChannel=633334 RB=1@0

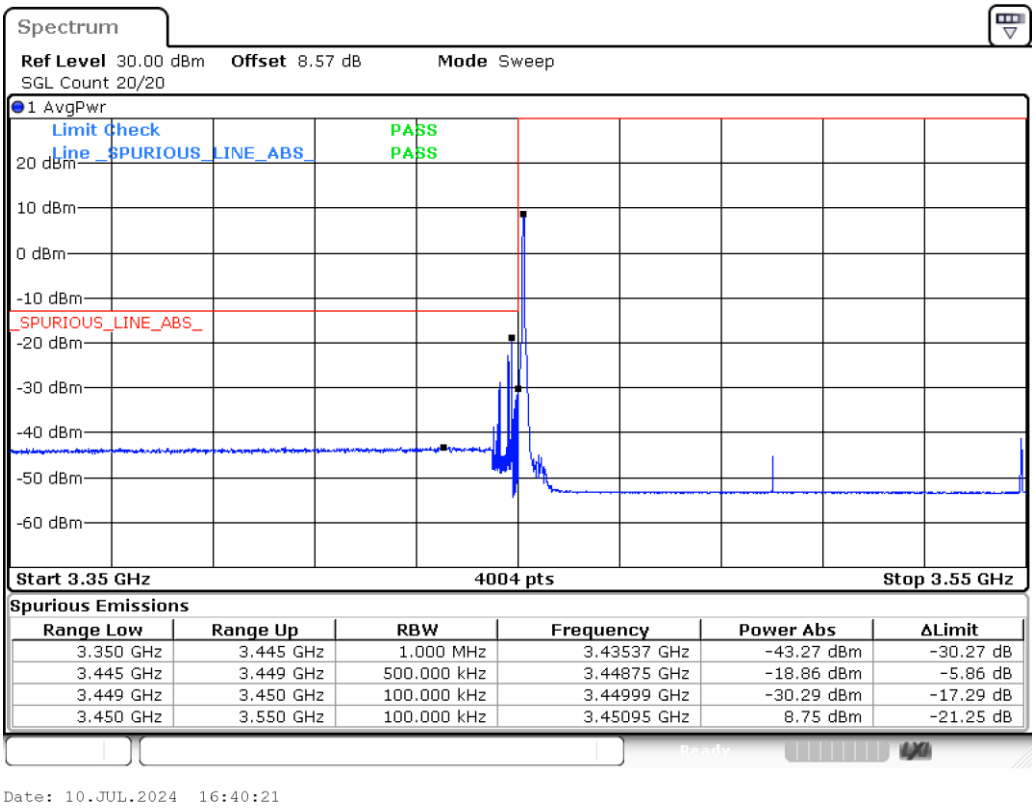


Spurious Emissions

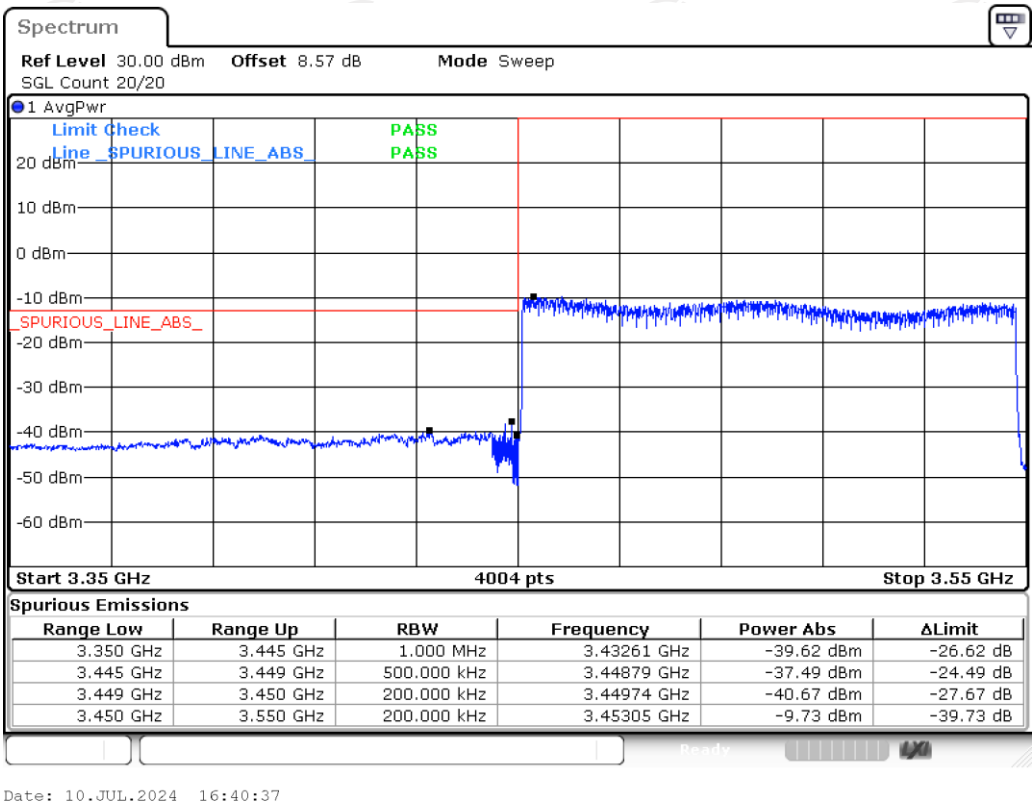
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.350 GHz	3.445 GHz	1.000 MHz	3.43271 GHz	-38.30 dBm	-25.30 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44763 GHz	-32.95 dBm	-19.95 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44997 GHz	-38.60 dBm	-25.60 dB
3.450 GHz	3.550 GHz	200.000 kHz	3.45794 GHz	-7.46 dBm	-37.46 dB

Date: 10.JUL.2024 16:39:32

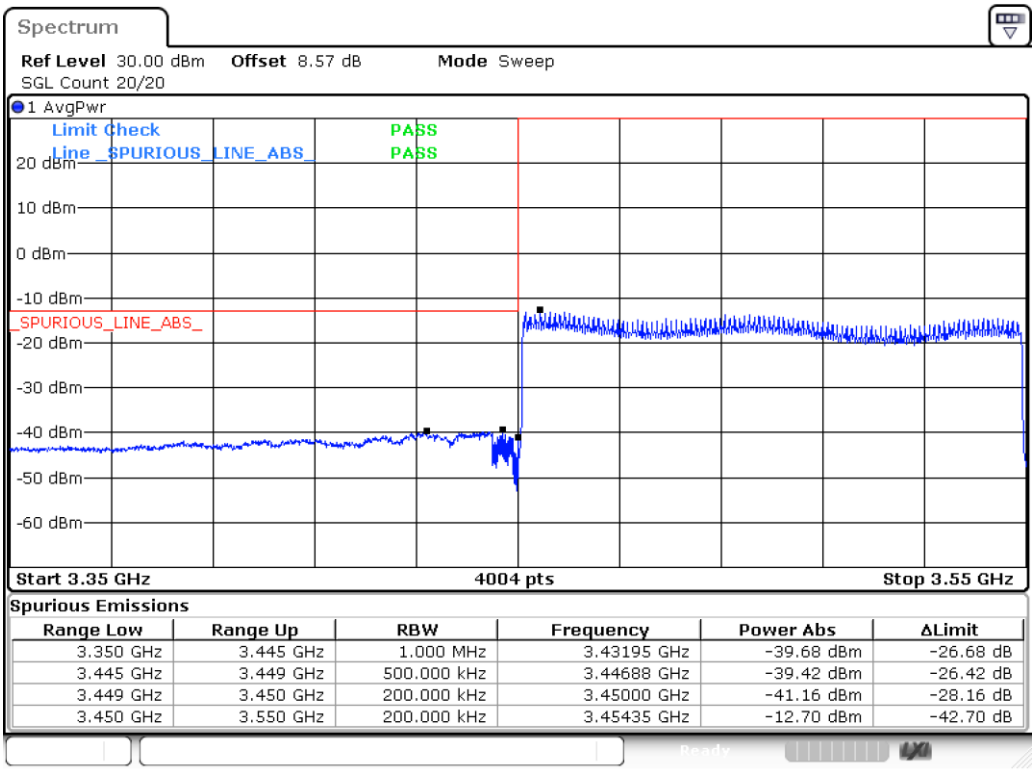
n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz LowChannel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz LowChannel=633334 RB=1@0



n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz LowChannel=633334 RB=270@0

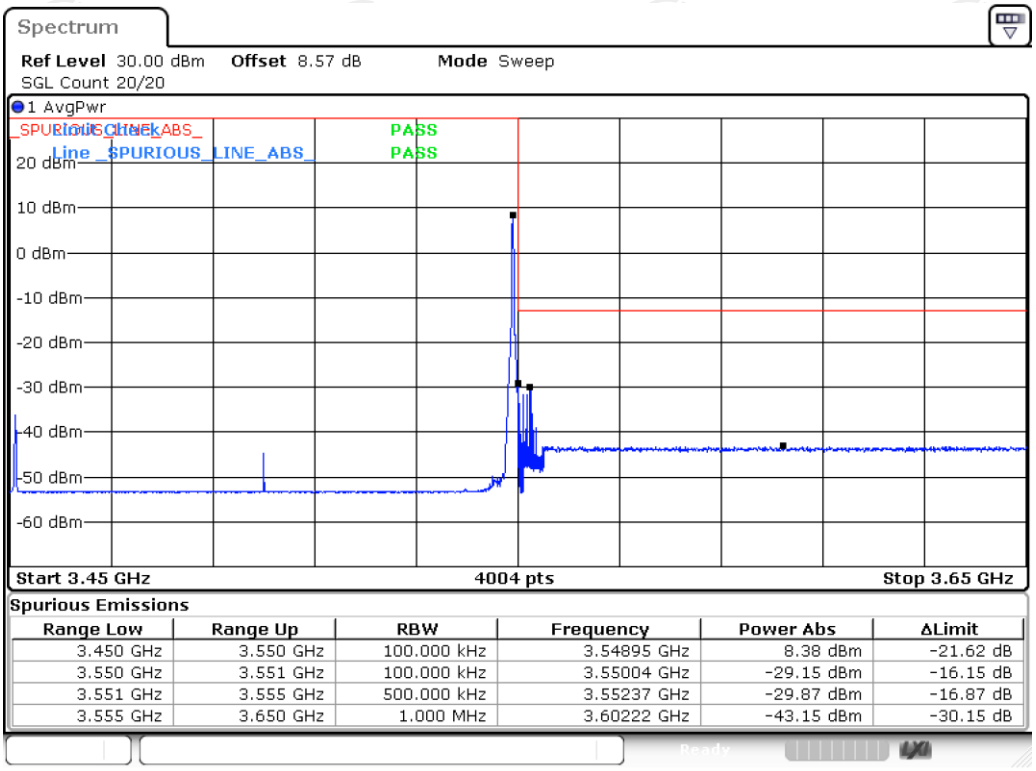


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.350 GHz	3.445 GHz	1.000 MHz	3.43195 GHz	-39.68 dBm	-26.68 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44688 GHz	-39.42 dBm	-26.42 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.45000 GHz	-41.16 dBm	-28.16 dB
3.450 GHz	3.550 GHz	200.000 kHz	3.45435 GHz	-12.70 dBm	-42.70 dB

Date: 10.JUL.2024 16:40:54

n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz LowChannel=633334 RB=273@0

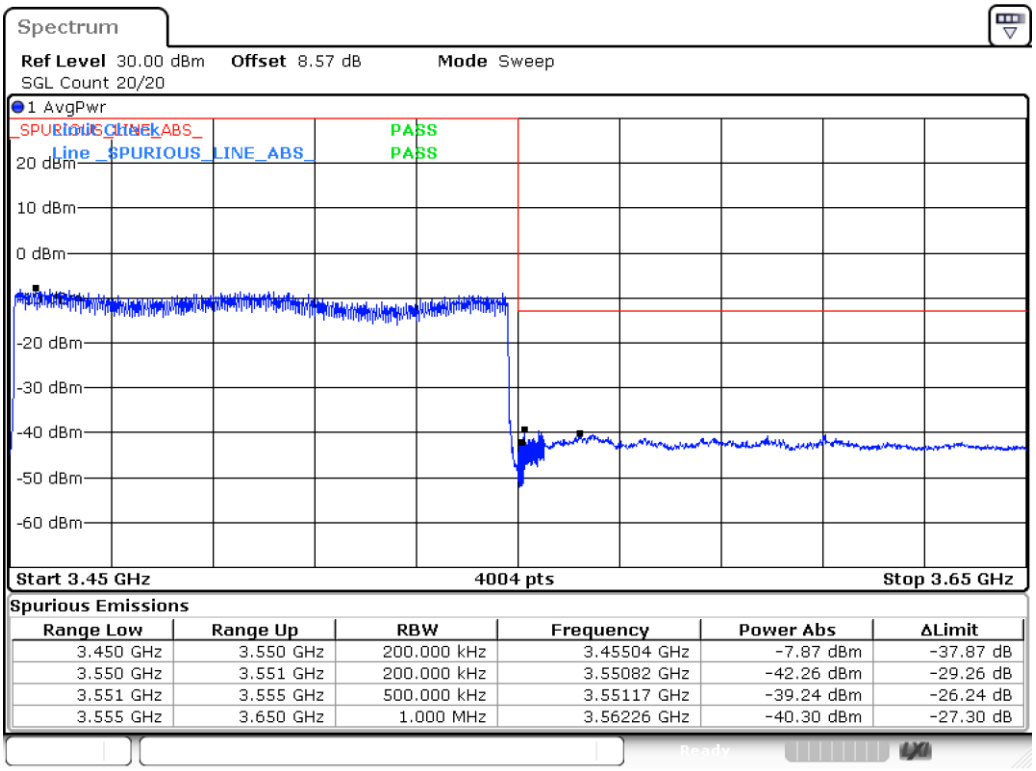


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	100.000 kHz	3.54895 GHz	8.38 dBm	-21.62 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55004 GHz	-29.15 dBm	-16.15 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55237 GHz	-29.87 dBm	-16.87 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.60222 GHz	-43.15 dBm	-30.15 dB

Date: 10.JUL.2024 16:41:47

n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz HighChannel=633334 RB=1@272

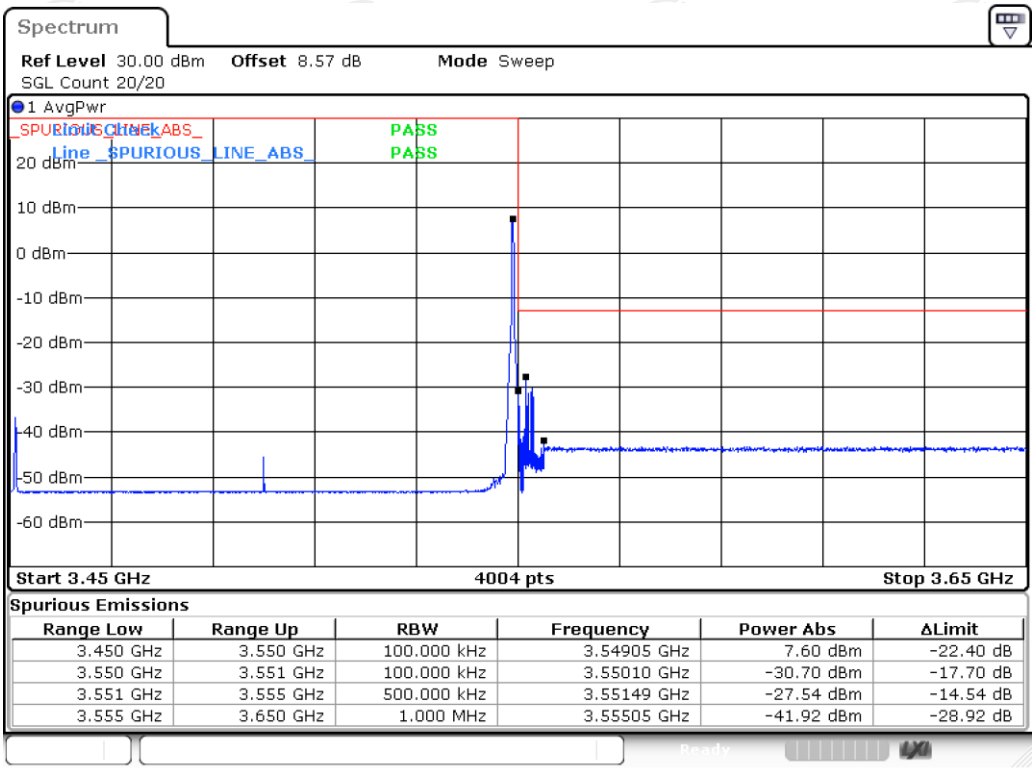


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	200.000 kHz	3.45504 GHz	-7.87 dBm	-37.87 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55082 GHz	-42.26 dBm	-29.26 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55117 GHz	-39.24 dBm	-26.24 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.56226 GHz	-40.30 dBm	-27.30 dB

Date: 10.JUL.2024 16:42:02

n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz HighChannel=633334 RB=270@0

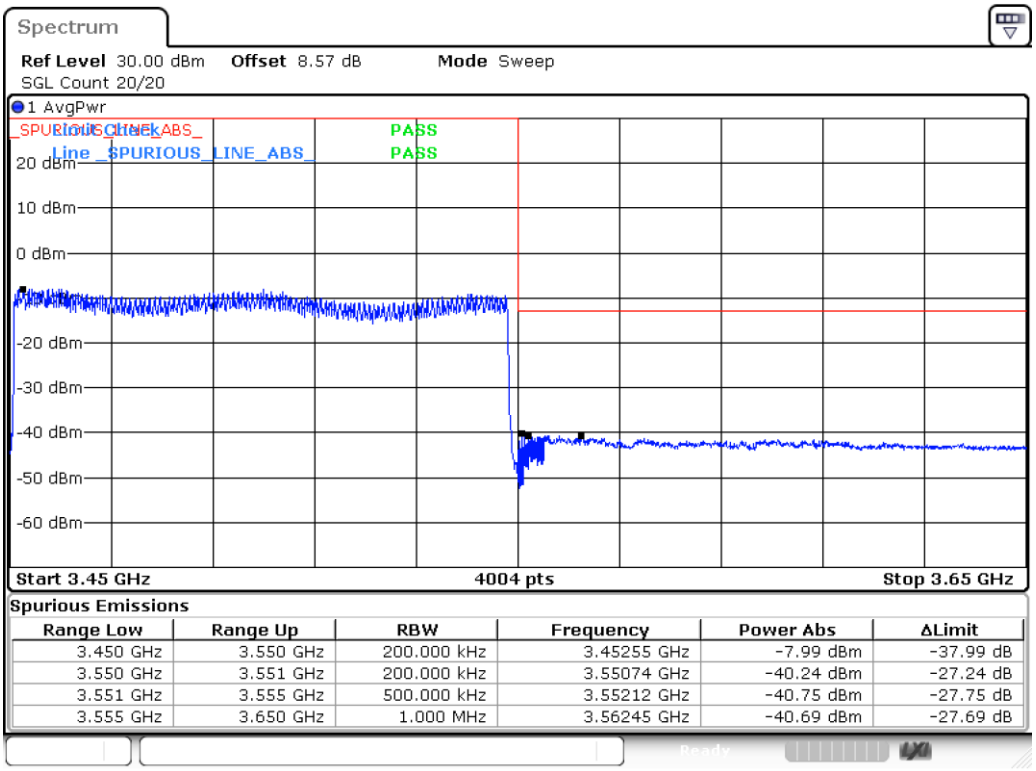


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	100.000 kHz	3.54905 GHz	7.60 dBm	-22.40 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55010 GHz	-30.70 dBm	-17.70 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55149 GHz	-27.54 dBm	-14.54 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.55505 GHz	-41.92 dBm	-28.92 dB

Date: 10.JUL.2024 16:42:49

n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz HighChannel=633334 RB=1@272

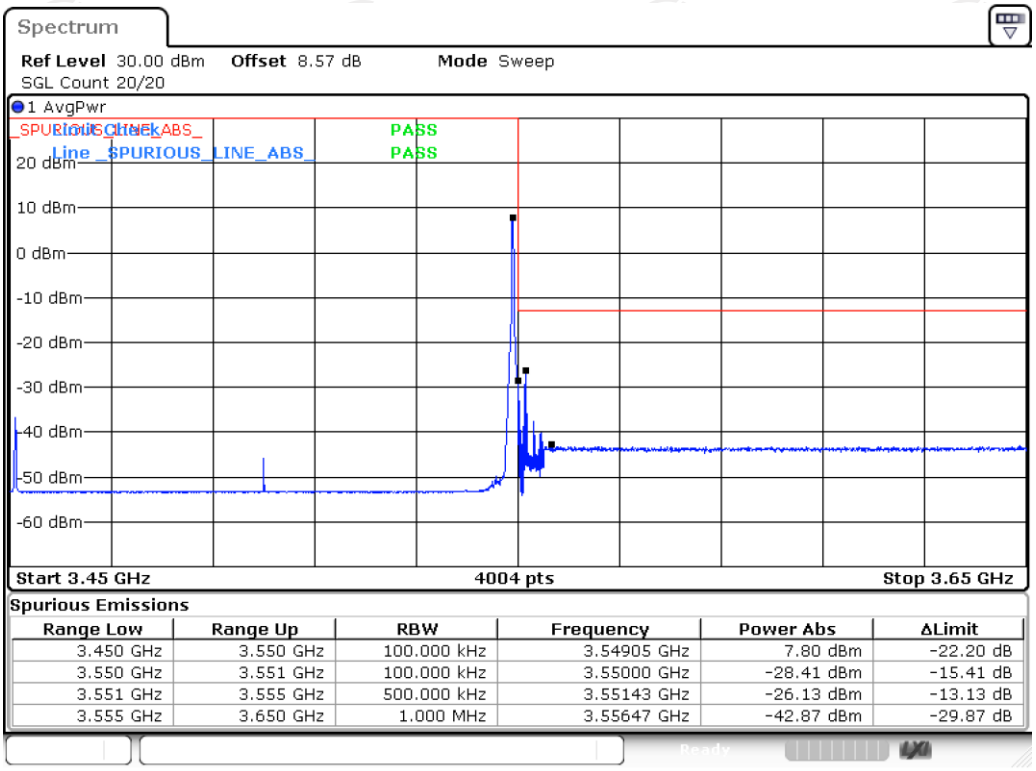


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	200.000 kHz	3.45255 GHz	-7.99 dBm	-37.99 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55074 GHz	-40.24 dBm	-27.24 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55212 GHz	-40.75 dBm	-27.75 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.56245 GHz	-40.69 dBm	-27.69 dB

Date: 10.JUL.2024 16:43:05

n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz HighChannel=633334 RB=270@0

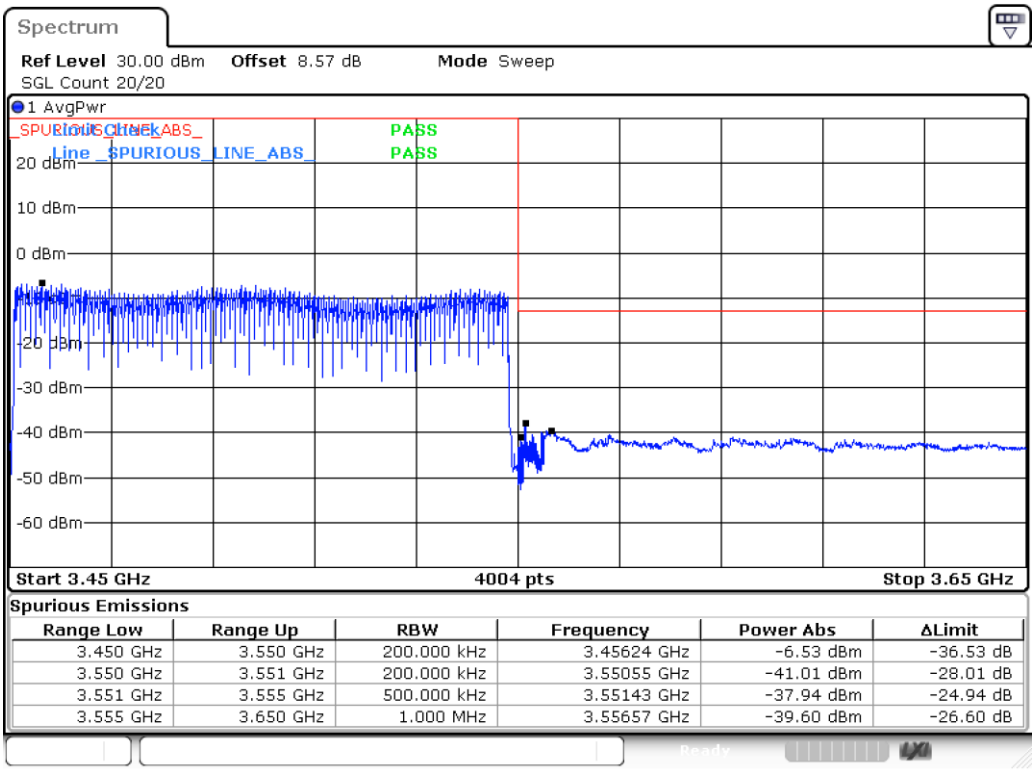


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	100.000 kHz	3.54905 GHz	7.80 dBm	-22.20 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55000 GHz	-28.41 dBm	-15.41 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55143 GHz	-26.13 dBm	-13.13 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.55647 GHz	-42.87 dBm	-29.87 dB

Date: 10.JUL.2024 16:43:52

n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz HighChannel=633334 RB=1@272

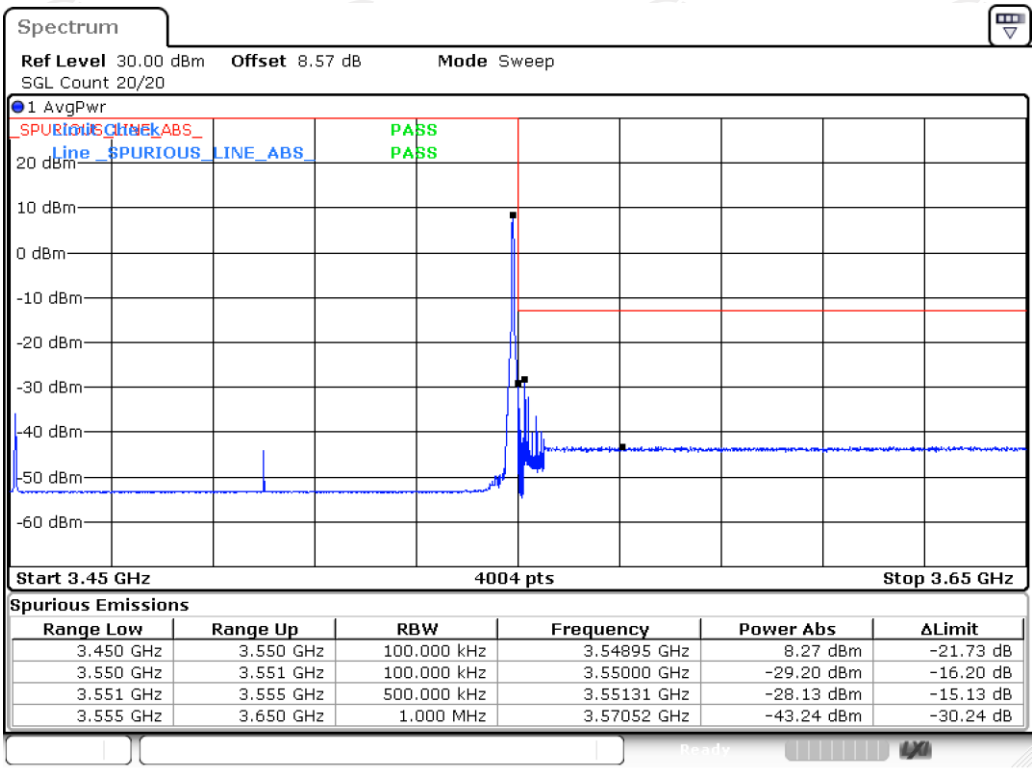


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	200.000 kHz	3.45624 GHz	-6.53 dBm	-36.53 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55055 GHz	-41.01 dBm	-28.01 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55143 GHz	-37.94 dBm	-24.94 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.55657 GHz	-39.60 dBm	-26.60 dB

Date: 10.JUL.2024 16:44:07

n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz HighChannel=633334 RB=270@0

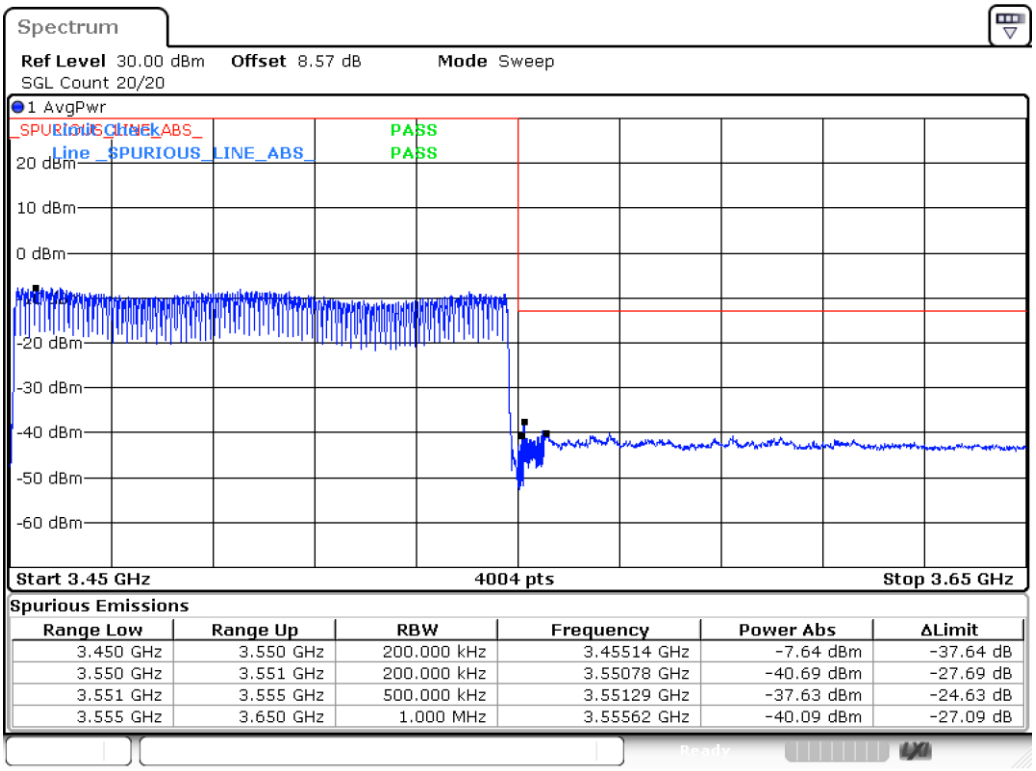


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	100.000 kHz	3.54895 GHz	8.27 dBm	-21.73 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55000 GHz	-29.20 dBm	-16.20 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55131 GHz	-28.13 dBm	-15.13 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.57052 GHz	-43.24 dBm	-30.24 dB

Date: 10.JUL.2024 16:44:54

n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz HighChannel=633334 RB=1@272

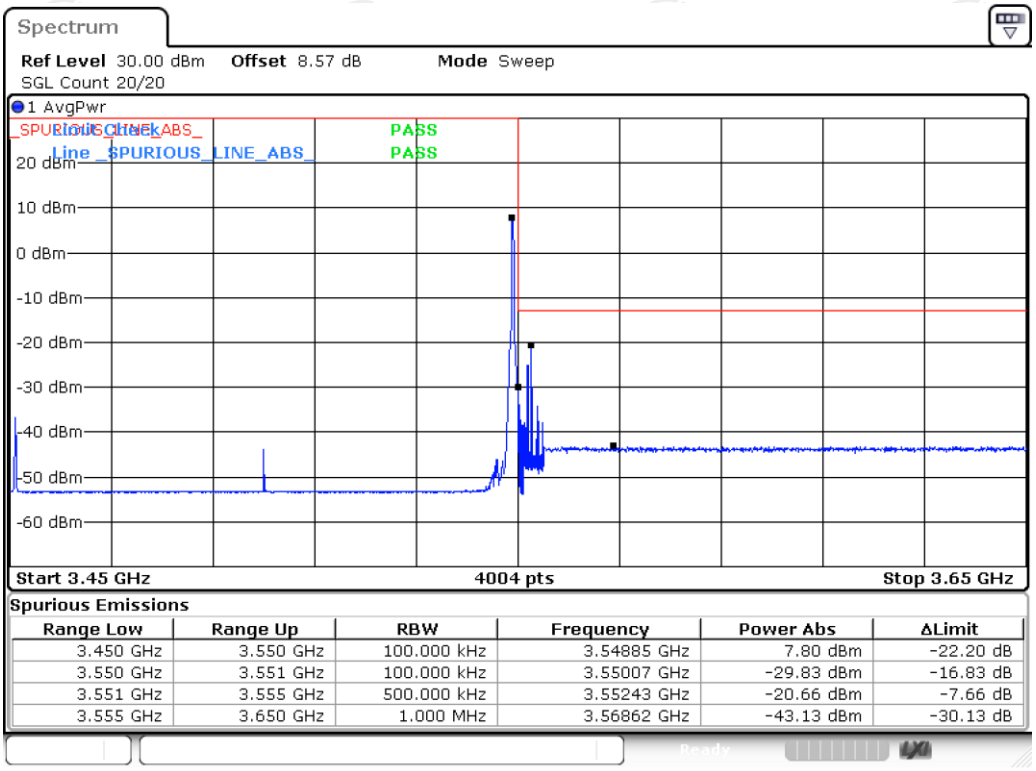


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	200.000 kHz	3.45514 GHz	-7.64 dBm	-37.64 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55078 GHz	-40.69 dBm	-27.69 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55129 GHz	-37.63 dBm	-24.63 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.55562 GHz	-40.09 dBm	-27.09 dB

Date: 10.JUL.2024 16:45:10

n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz HighChannel=633334 RB=270@0

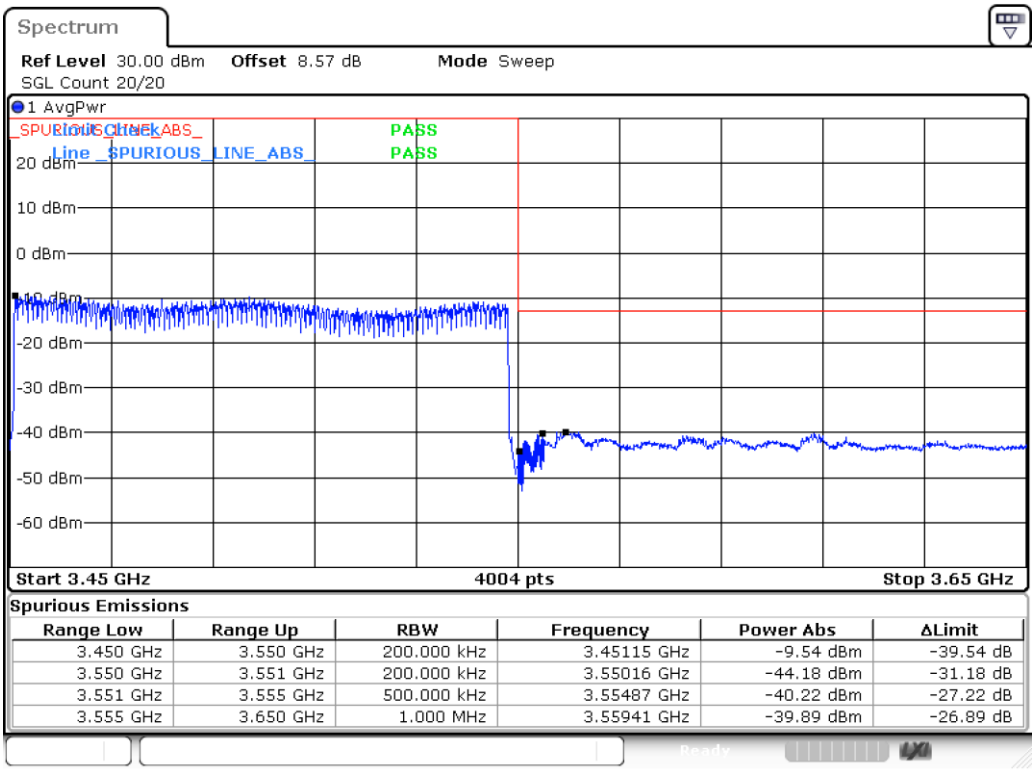


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	100.000 kHz	3.54885 GHz	7.80 dBm	-22.20 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55007 GHz	-29.83 dBm	-16.83 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55243 GHz	-20.66 dBm	-7.66 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.56862 GHz	-43.13 dBm	-30.13 dB

Date: 10.JUL.2024 16:45:58

n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz HighChannel=633334 RB=1@272

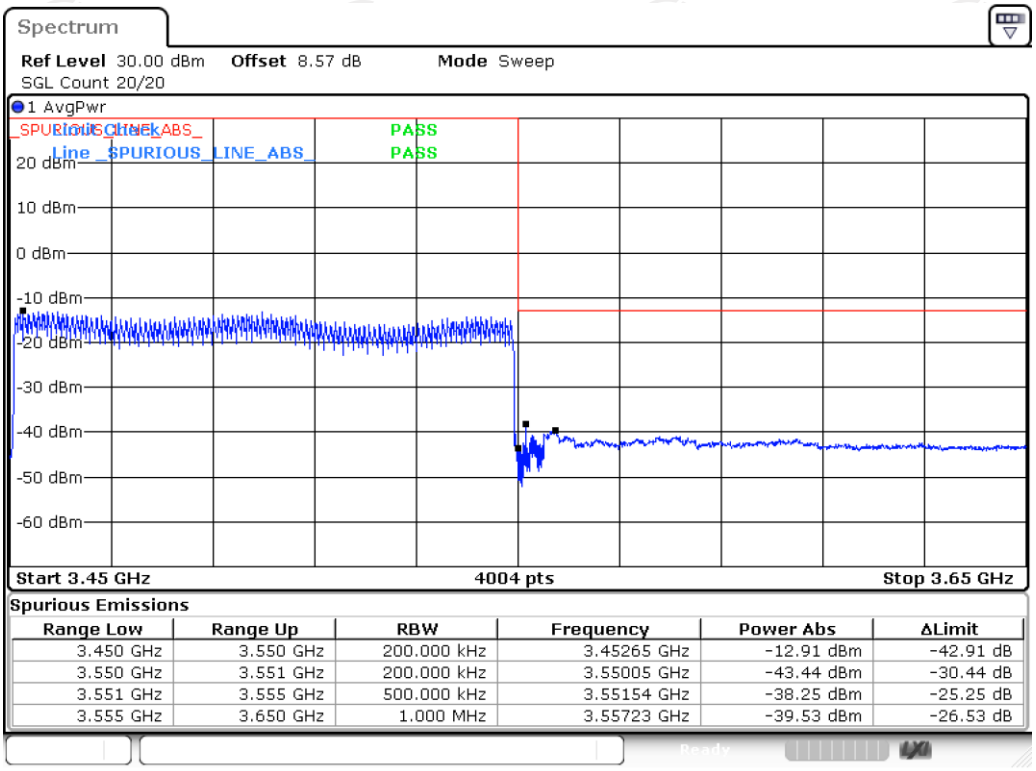


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	200.000 kHz	3.45115 GHz	-9.54 dBm	-39.54 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55016 GHz	-44.18 dBm	-31.18 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55487 GHz	-40.22 dBm	-27.22 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.55941 GHz	-39.89 dBm	-26.89 dB

Date: 10.JUL.2024 16:46:14

n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz HighChannel=633334 RB=270@0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.450 GHz	3.550 GHz	200.000 kHz	3.45265 GHz	-12.91 dBm	-42.91 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55005 GHz	-43.44 dBm	-30.44 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55154 GHz	-38.25 dBm	-25.25 dB
3.555 GHz	3.650 GHz	1.000 MHz	3.55723 GHz	-39.53 dBm	-26.53 dB

Date: 10.JUL.2024 16:46:30

n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz HighChannel=633334 RB=273@0

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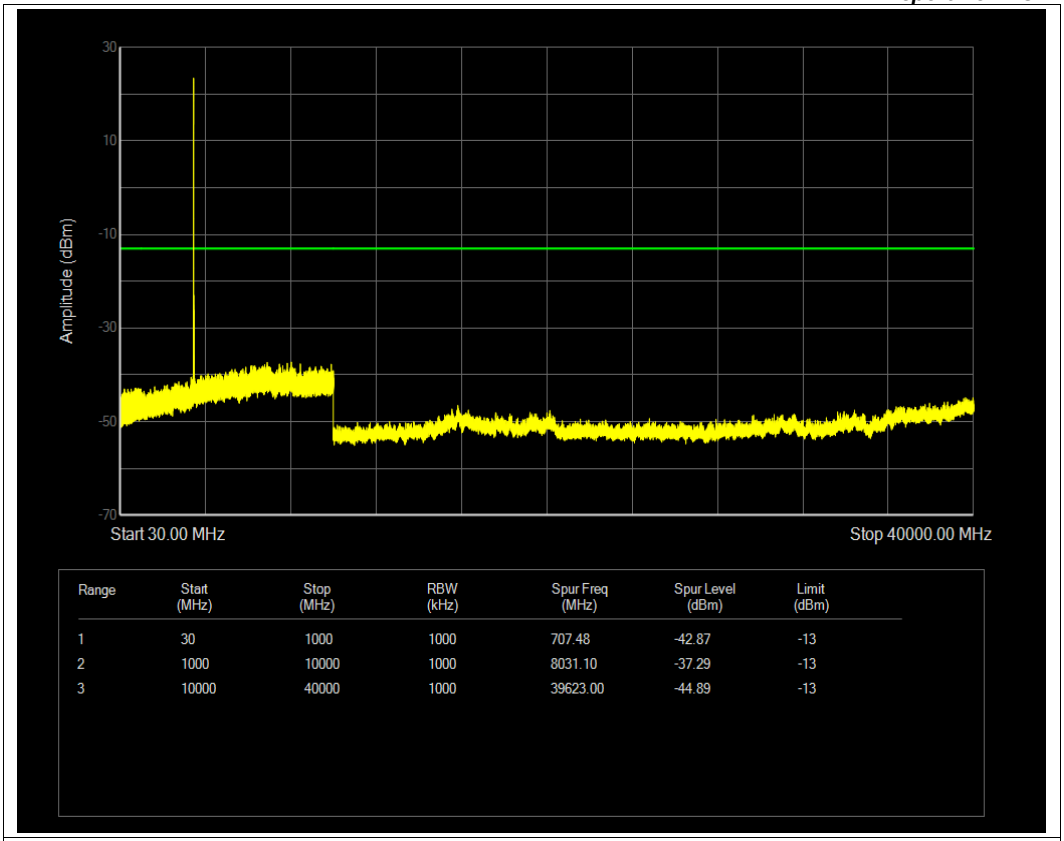
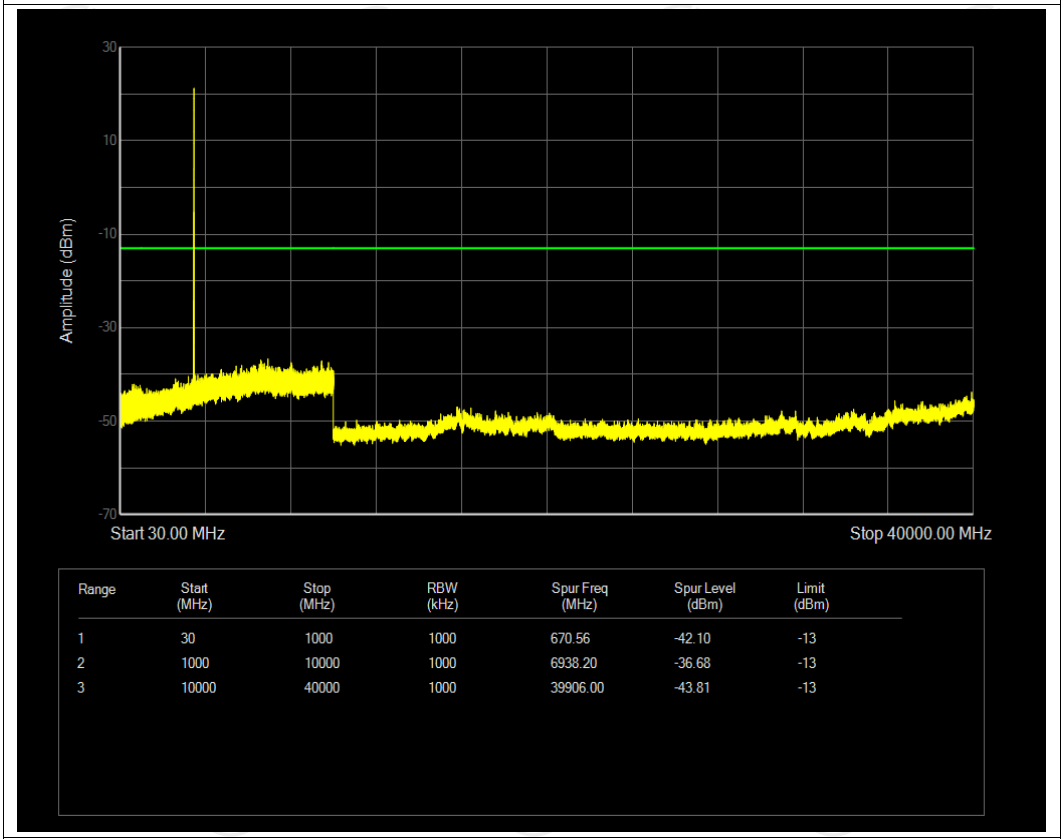
6. Conducted Spurious Emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	20	630668	1@0	DFT_BPSK	8031.10	-37.29	-13	PASS
n78(3450-3550)	30	20	630668	1@50	DFT_BPSK	6938.20	-36.68	-13	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	6526.30	-36.91	-13	PASS
n78(3450-3550)	30	20	633334	1@0	DFT_BPSK	6982.30	-33.45	-13	PASS
n78(3450-3550)	30	20	633334	1@50	DFT_BPSK	6911.50	-36.73	-13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	6994.30	-36.24	-13	PASS
n78(3450-3550)	30	20	636000	1@0	DFT_BPSK	7639.90	-36.77	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_BPSK	8021.50	-37.08	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	6506.20	-36.86	-13	PASS
n78(3450-3550)	30	60	632000	1@0	DFT_BPSK	7975.90	-37.09	-13	PASS
n78(3450-3550)	30	60	632000	1@161	DFT_BPSK	7000.90	-36.92	-13	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	9988.90	-37.33	-13	PASS
n78(3450-3550)	30	60	633334	1@0	DFT_BPSK	6942.40	-37.21	-13	PASS
n78(3450-3550)	30	60	633334	1@161	DFT_BPSK	8529.40	-37.27	-13	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	6346.60	-37.24	-13	PASS
n78(3450-3550)	30	60	634666	1@0	DFT_BPSK	6982.60	-31.82	-13	PASS
n78(3450-3550)	30	60	634666	1@161	DFT_BPSK	6898.90	-36.58	-13	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	7916.20	-36.68	-13	PASS
n78(3450-3550)	30	100	633334	1@0	DFT_BPSK	7460.80	-36.87	-13	PASS
n78(3450-3550)	30	100	633334	1@272	DFT_BPSK	6563.80	-37.42	-13	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	7985.50	-36.26	-13	PASS



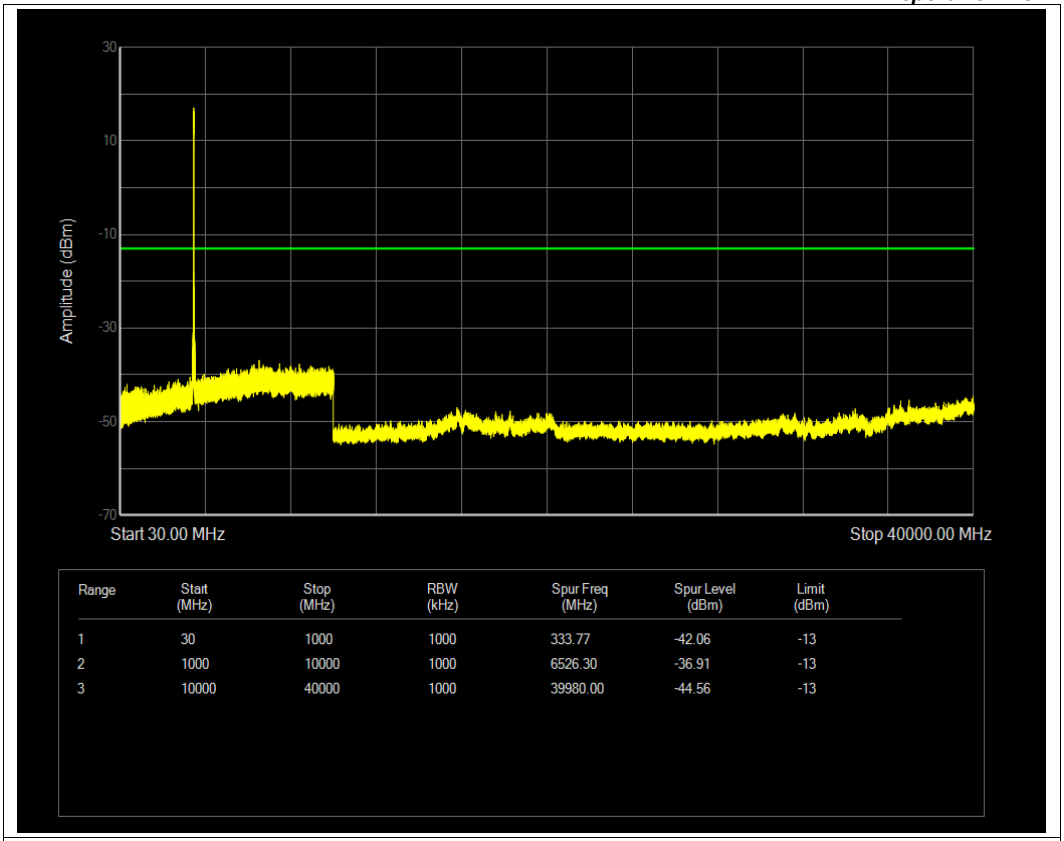
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	1000	707.48	-42.87	-13
2	1000	10000	1000	8031.10	-37.29	-13
3	10000	40000	1000	39623.00	-44.89	-13

n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=630668 RB=1@0



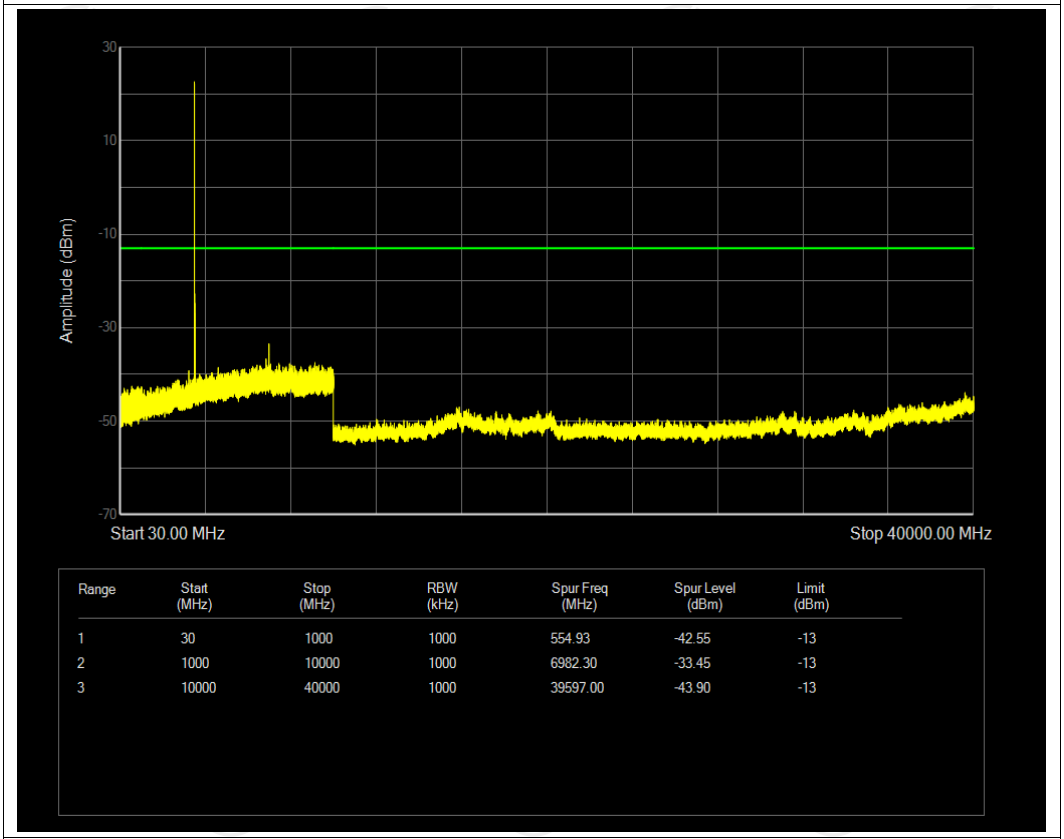
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	1000	670.56	-42.10	-13
2	1000	10000	1000	6938.20	-36.68	-13
3	10000	40000	1000	39906.00	-43.81	-13

n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=630668 RB=1@50



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	1000	333.77	-42.06	-13
2	1000	10000	1000	6526.30	-36.91	-13
3	10000	40000	1000	39980.00	-44.56	-13

n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=630668 RB=50@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	30	1000	1000	554.93	-42.55	-13
2	1000	10000	1000	6982.30	-33.45	-13
3	10000	40000	1000	39597.00	-43.90	-13

n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=1@0