

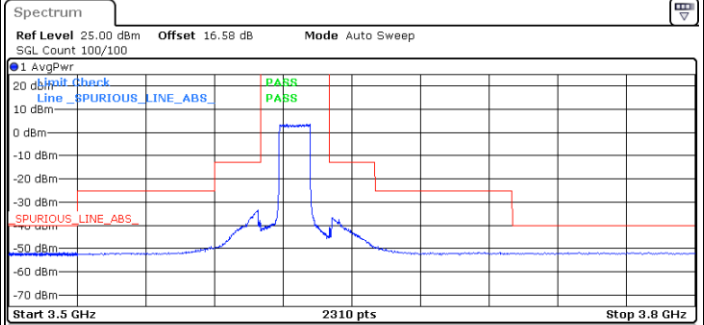
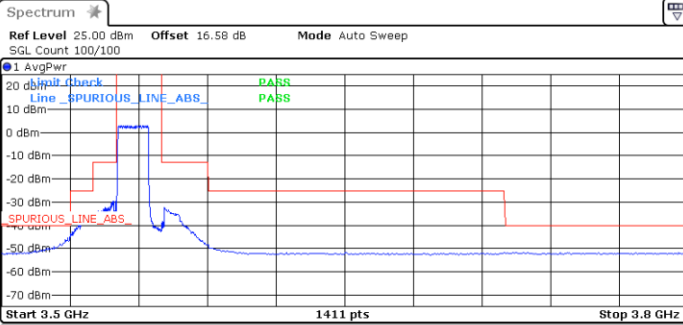


LTE Band 48 / 15MHz

16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

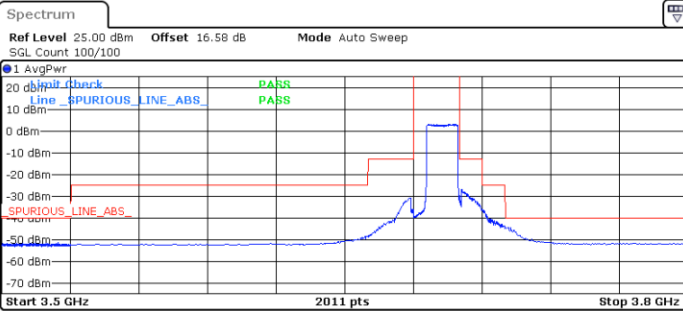


Date: 16 AUG 2023 23:46:45

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Highest Channel / FullIRB

N/A



Date: 16 AUG 2023 23:56:23

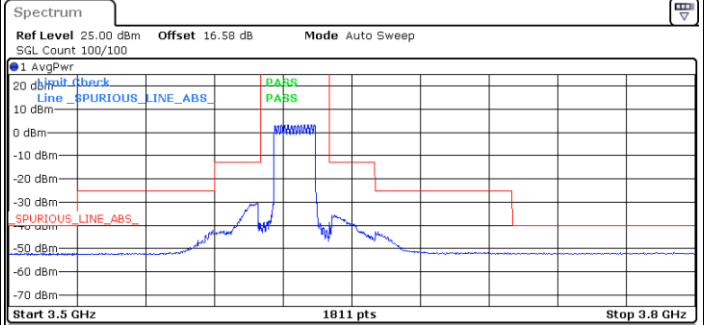
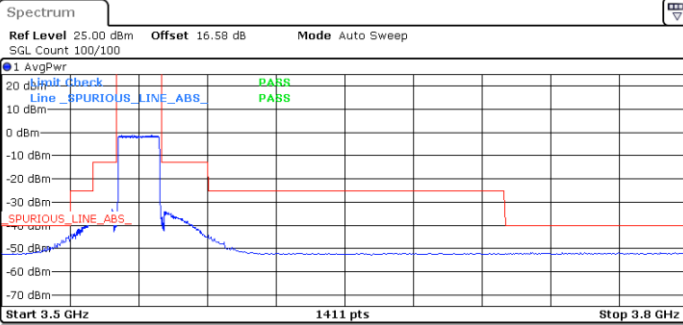


LTE Band 48 / 20MHz

16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



Start 3.5 GHz 1411 pts Stop 3.8 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52926 GHz	-44.76 dBm	-4.76 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-38.40 dBm	-13.40 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54833 GHz	-33.20 dBm	-20.20 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54994 GHz	-36.39 dBm	-23.39 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55242 GHz	-1.35 dBm	-31.35 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57013 GHz	-36.55 dBm	-23.55 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-34.01 dBm	-21.01 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.59032 GHz	-44.39 dBm	-19.39 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.75267 GHz	-51.81 dBm	-11.81 dB

Start 3.5 GHz 1811 pts Stop 3.8 GHz

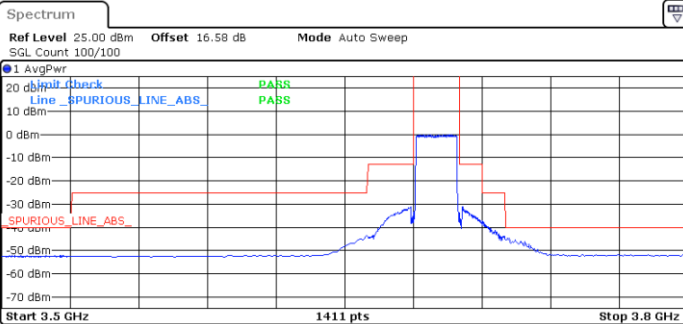
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50364 GHz	-52.04 dBm	-12.04 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.58925 GHz	-42.13 dBm	-17.13 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60872 GHz	-30.51 dBm	-17.51 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60930 GHz	-39.11 dBm	-26.11 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62790 GHz	3.36 dBm	-26.64 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64007 GHz	-38.70 dBm	-25.70 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-35.64 dBm	-22.64 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-42.72 dBm	-17.72 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.76733 GHz	-51.80 dBm	-11.80 dB

Date: 16 AUG 2023 23:27:16

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Highest Channel / FullIRB

N/A



Start 3.5 GHz 1411 pts Stop 3.8 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52339 GHz	-52.11 dBm	-12.11 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.65936 GHz	-43.55 dBm	-18.55 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-31.12 dBm	-18.12 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.68000 GHz	-33.24 dBm	-20.24 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69569 GHz	-0.08 dBm	-30.08 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70004 GHz	-33.92 dBm	-20.92 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70176 GHz	-31.28 dBm	-18.28 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-37.34 dBm	-12.34 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72099 GHz	-44.52 dBm	-4.52 dB

Date: 16 AUG 2023 23:37:42

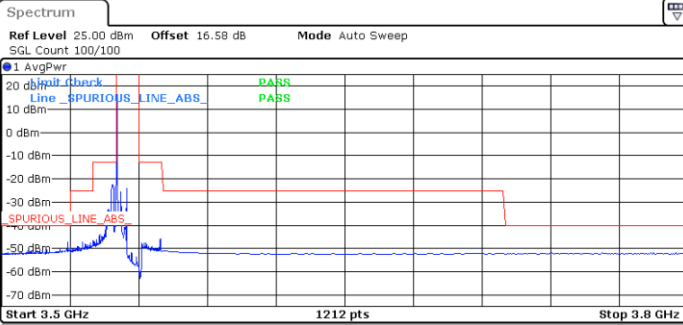


LTE Band 48 / 5MHz

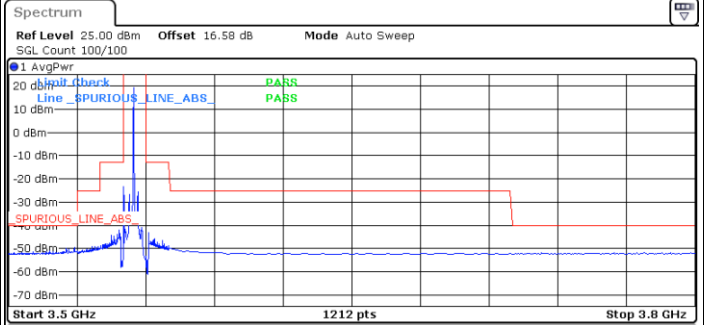
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52889 GHz	-47.44 dBm	-7.44 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-46.42 dBm	-21.42 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54887 GHz	-22.44 dBm	-9.44 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54999 GHz	-22.82 dBm	-9.82 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55035 GHz	19.89 dBm	-10.11 dB
3.560 GHz	3.561 GHz	50.000 kHz	3.56023 GHz	-57.85 dBm	-44.85 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56951 GHz	-45.96 dBm	-32.96 dB
3.570 GHz	3.720 GHz	1.000 MHz	3.57074 GHz	-51.09 dBm	-26.09 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.76218 GHz	-51.85 dBm	-11.85 dB



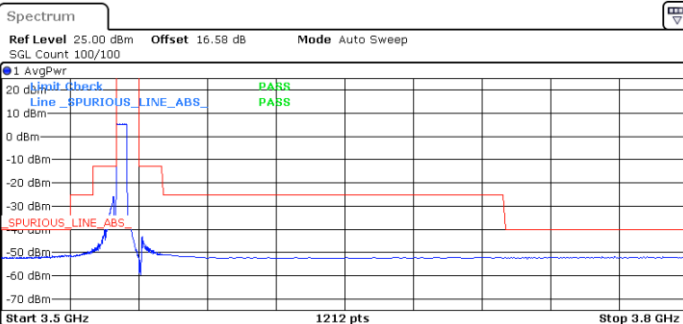
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52903 GHz	-49.43 dBm	-9.43 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53777 GHz	-48.99 dBm	-23.99 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54842 GHz	-41.89 dBm	-28.89 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54991 GHz	-55.23 dBm	-42.23 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55470 GHz	19.26 dBm	-10.74 dB
3.560 GHz	3.561 GHz	50.000 kHz	3.56009 GHz	-53.30 dBm	-40.30 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56122 GHz	-43.03 dBm	-30.03 dB
3.570 GHz	3.720 GHz	1.000 MHz	3.57074 GHz	-50.09 dBm	-25.09 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.77802 GHz	-51.87 dBm	-11.87 dB

Date: 17 AUG 2023 01:00:05

Date: 17 AUG 2023 00:56:34

Lowest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52785 GHz	-51.04 dBm	-11.04 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-48.44 dBm	-23.44 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54887 GHz	-25.93 dBm	-12.93 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54999 GHz	-27.48 dBm	-14.48 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55173 GHz	5.46 dBm	-24.54 dB
3.560 GHz	3.561 GHz	50.000 kHz	3.56003 GHz	-52.29 dBm	-39.29 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56176 GHz	-43.08 dBm	-30.08 dB
3.570 GHz	3.720 GHz	1.000 MHz	3.57074 GHz	-51.00 dBm	-26.00 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.76912 GHz	-51.82 dBm	-11.82 dB

Date: 17 AUG 2023 00:41:10

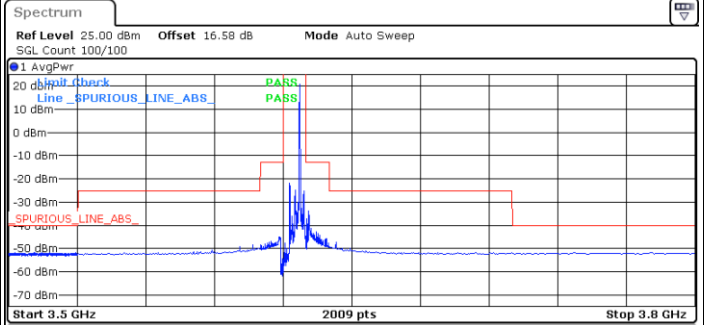
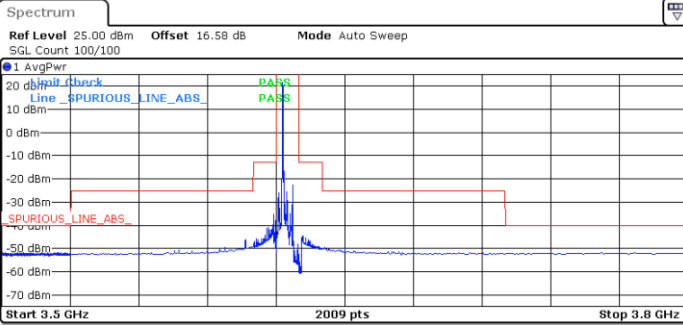


LTE Band 48 / 5MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52339 GHz	-51.72 dBm	-11.72 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.60662 GHz	-46.18 dBm	-21.18 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61896 GHz	-35.36 dBm	-22.36 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61957 GHz	-38.02 dBm	-25.02 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62283 GHz	21.65 dBm	-8.35 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63097 GHz	-56.01 dBm	-43.01 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63149 GHz	-44.64 dBm	-31.64 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64139 GHz	-49.35 dBm	-24.35 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.77663 GHz	-51.88 dBm	-11.88 dB

Spurious Emissions

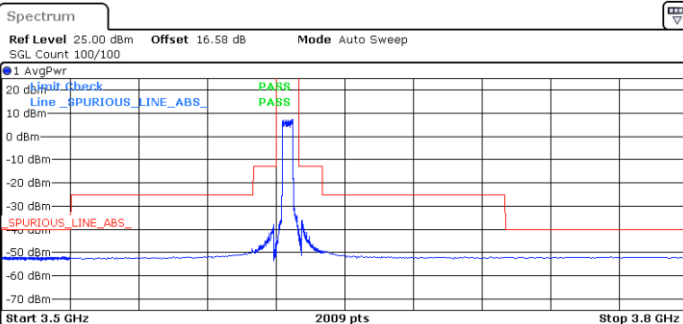
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52917 GHz	-51.70 dBm	-11.70 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.60662 GHz	-48.48 dBm	-23.48 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61860 GHz	-44.95 dBm	-31.95 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61949 GHz	-54.38 dBm	-41.38 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62719 GHz	21.01 dBm	-8.99 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63041 GHz	-37.34 dBm	-24.34 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63104 GHz	-33.78 dBm	-20.78 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64299 GHz	-47.15 dBm	-22.15 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.78139 GHz	-51.85 dBm	-11.85 dB

Date: 17.AUG.2023 01:02:46

Date: 17.AUG.2023 01:06:26

Middle Channel / FullIRB

N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52767 GHz	-51.75 dBm	-11.75 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.60940 GHz	-48.36 dBm	-23.36 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61896 GHz	-38.10 dBm	-25.10 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61971 GHz	-46.01 dBm	-33.01 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62717 GHz	7.45 dBm	-22.55 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63000 GHz	-42.24 dBm	-29.24 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63149 GHz	-35.96 dBm	-22.96 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64050 GHz	-49.22 dBm	-24.22 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.76634 GHz	-51.96 dBm	-11.96 dB

Date: 17.AUG.2023 01:10:41

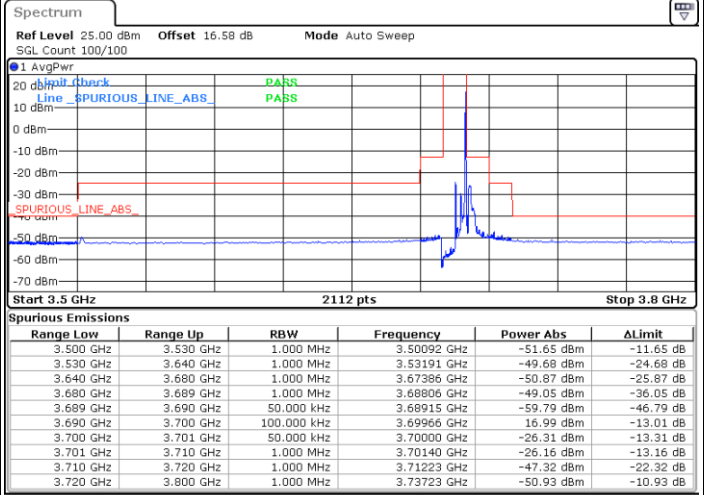
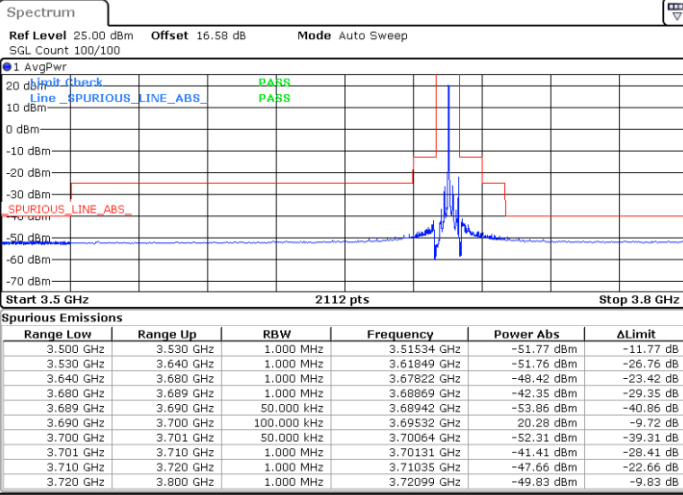


LTE Band 48 / 5MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

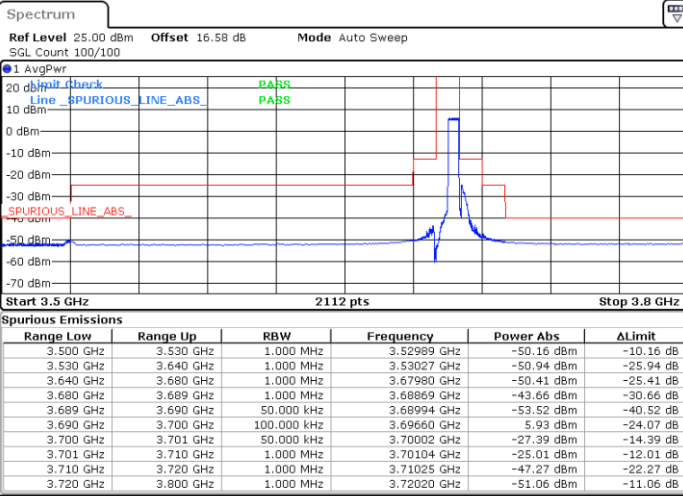


Date: 17.AUG.2023 01:22:55

Date: 17.AUG.2023 01:17:04

Highest Channel / FullIRB

N/A



Date: 17.AUG.2023 01:15:41

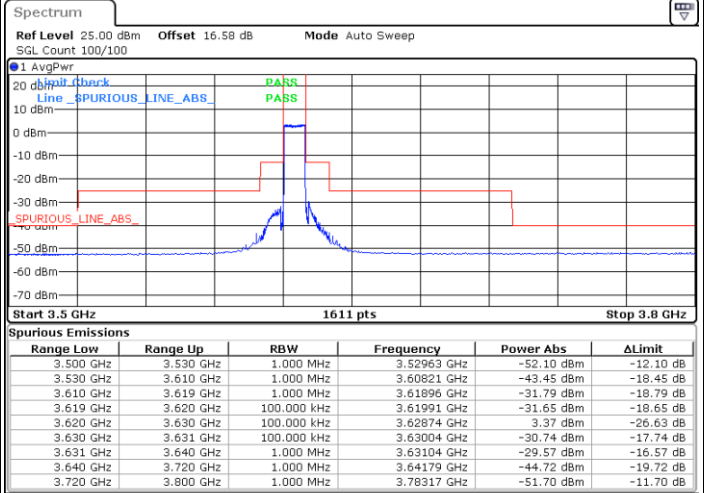
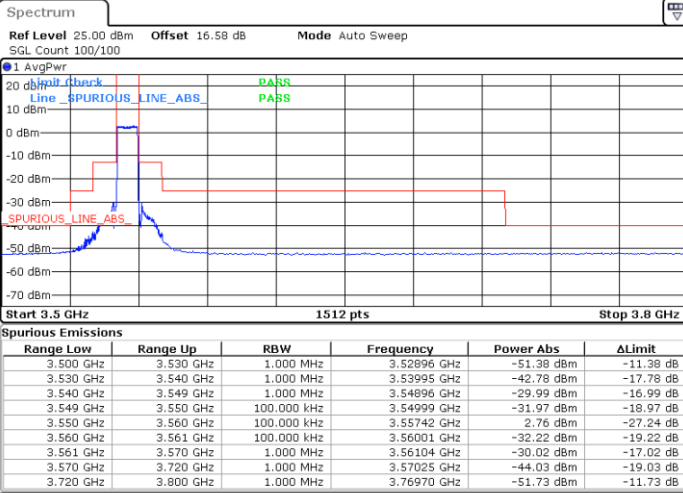


LTE Band 48 / 10MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

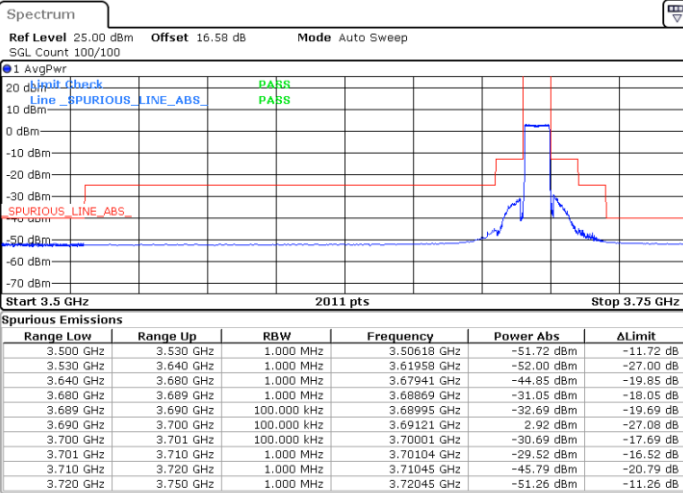


Date: 17.AUG.2023 00:02:46

Date: 17.AUG.2023 00:18:00

Highest Channel / FullIRB

N/A



Date: 17.AUG.2023 00:36:17

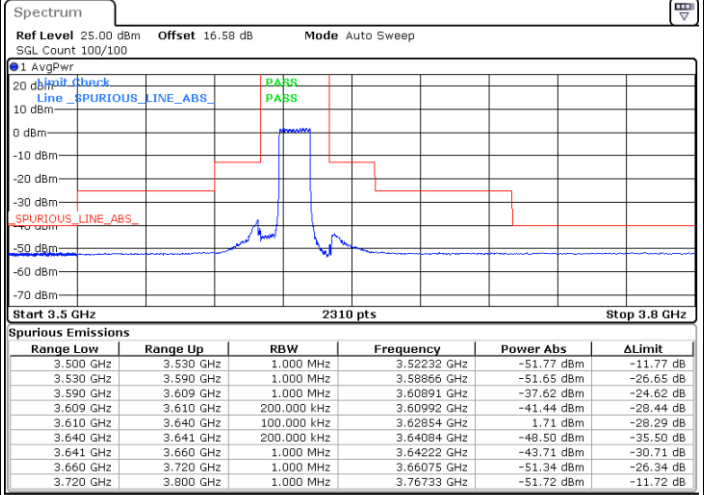
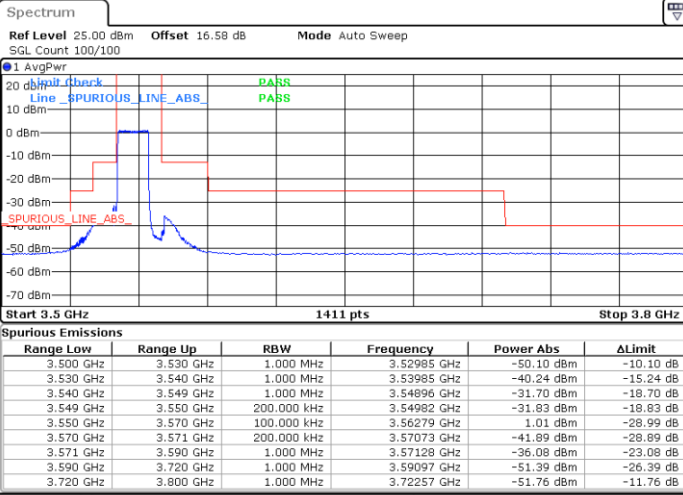


LTE Band 48 / 15MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

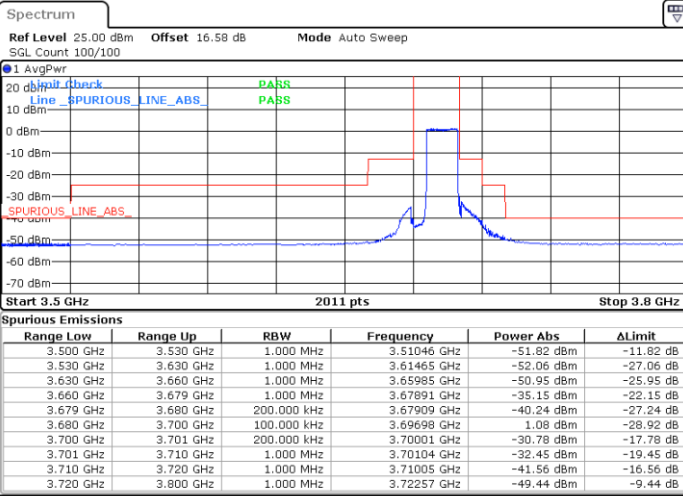


Date: 16 AUG 2023 23:49:06

Date: 16 AUG 2023 23:53:05

Highest Channel / FullIRB

N/A



Date: 16 AUG 2023 23:58:10

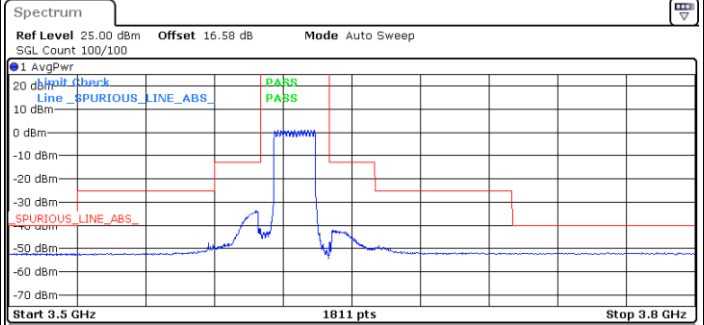
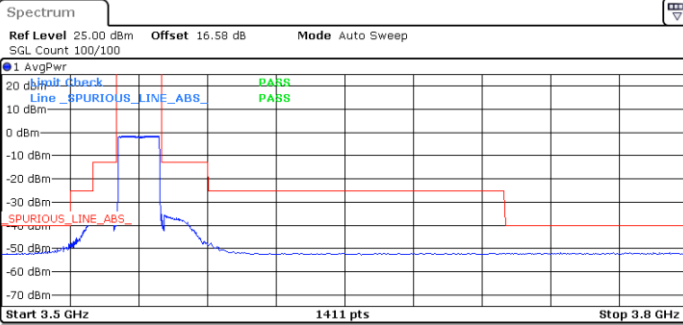


LTE Band 48 / 20MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



Start 3.5 GHz 1411 pts Stop 3.8 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52926 GHz	-48.02 dBm	-8.02 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-38.38 dBm	-13.38 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-34.84 dBm	-21.84 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-35.71 dBm	-22.71 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56489 GHz	-1.45 dBm	-31.45 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57001 GHz	-35.16 dBm	-22.16 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-35.58 dBm	-22.58 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.59161 GHz	-47.73 dBm	-22.73 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.76733 GHz	-51.70 dBm	-11.70 dB

Start 3.5 GHz 1811 pts Stop 3.8 GHz

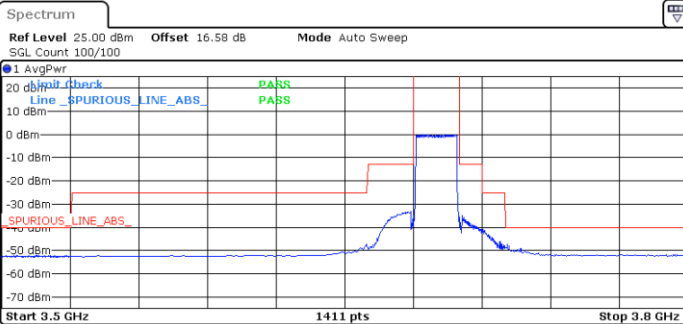
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50750 GHz	-52.15 dBm	-12.15 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.58746 GHz	-47.57 dBm	-22.57 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60778 GHz	-33.92 dBm	-20.92 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60976 GHz	-41.31 dBm	-28.31 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62505 GHz	1.12 dBm	-28.88 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64046 GHz	-47.11 dBm	-34.11 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64147 GHz	-42.15 dBm	-29.15 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66194 GHz	-48.78 dBm	-23.78 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.79267 GHz	-51.71 dBm	-11.71 dB

Date: 16 AUG 2023 23:28:40

Date: 16 AUG 2023 23:33:07

Highest Channel / FullIRB

N/A



Start 3.5 GHz 1411 pts Stop 3.8 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51626 GHz	-52.12 dBm	-12.12 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.65936 GHz	-47.41 dBm	-22.41 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-32.96 dBm	-19.96 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67997 GHz	-34.83 dBm	-21.83 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69713 GHz	-0.01 dBm	-30.01 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70017 GHz	-35.63 dBm	-22.63 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-35.05 dBm	-22.05 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-40.92 dBm	-15.92 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72099 GHz	-47.25 dBm	-7.25 dB

Date: 16 AUG 2023 23:40:32

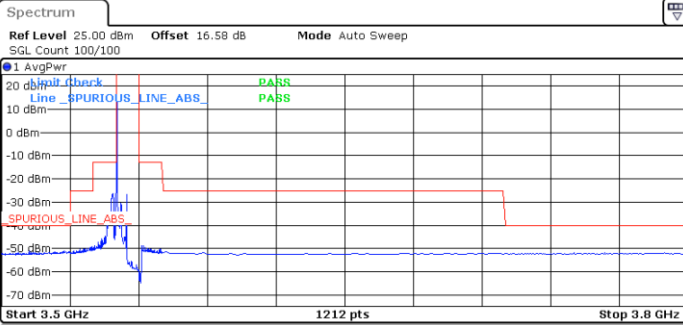


LTE Band 48 / 5MHz

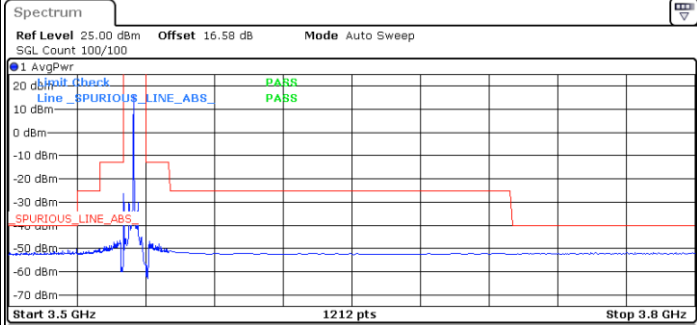
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52755 GHz	-51.19 dBm	-11.19 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-49.18 dBm	-24.18 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54851 GHz	-26.47 dBm	-13.47 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-26.42 dBm	-13.42 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55035 GHz	16.92 dBm	-13.08 dB
3.560 GHz	3.561 GHz	50.000 kHz	3.56009 GHz	-59.45 dBm	-46.45 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56113 GHz	-48.62 dBm	-35.62 dB
3.570 GHz	3.720 GHz	1.000 MHz	3.57223 GHz	-51.32 dBm	-26.32 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.78950 GHz	-51.84 dBm	-11.84 dB



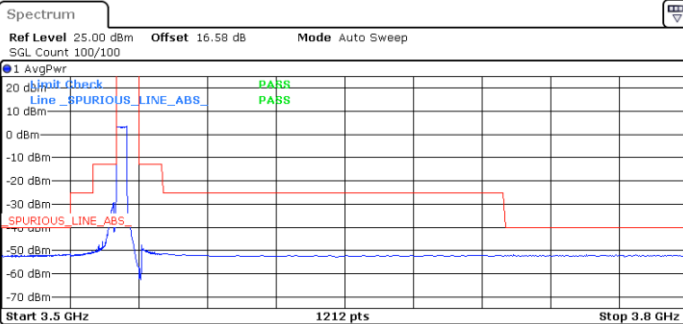
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52963 GHz	-50.22 dBm	-10.22 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53946 GHz	-50.10 dBm	-25.10 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54878 GHz	-46.59 dBm	-33.59 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54976 GHz	-59.07 dBm	-45.07 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55470 GHz	16.28 dBm	-13.72 dB
3.560 GHz	3.561 GHz	50.000 kHz	3.56059 GHz	-57.40 dBm	-44.40 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56157 GHz	-46.88 dBm	-33.88 dB
3.570 GHz	3.720 GHz	1.000 MHz	3.57074 GHz	-51.10 dBm	-26.10 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.75663 GHz	-51.86 dBm	-11.86 dB

Date: 17 AUG 2023 00:52:33

Date: 17 AUG 2023 00:55:34

Lowest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52993 GHz	-51.53 dBm	-11.53 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53955 GHz	-50.24 dBm	-25.24 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-29.27 dBm	-16.27 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54999 GHz	-29.30 dBm	-16.30 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55460 GHz	3.50 dBm	-26.50 dB
3.560 GHz	3.561 GHz	50.000 kHz	3.56042 GHz	-57.74 dBm	-44.74 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56104 GHz	-47.81 dBm	-34.81 dB
3.570 GHz	3.720 GHz	1.000 MHz	3.57074 GHz	-51.26 dBm	-26.26 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.75545 GHz	-51.81 dBm	-11.81 dB

Date: 17 AUG 2023 00:42:07

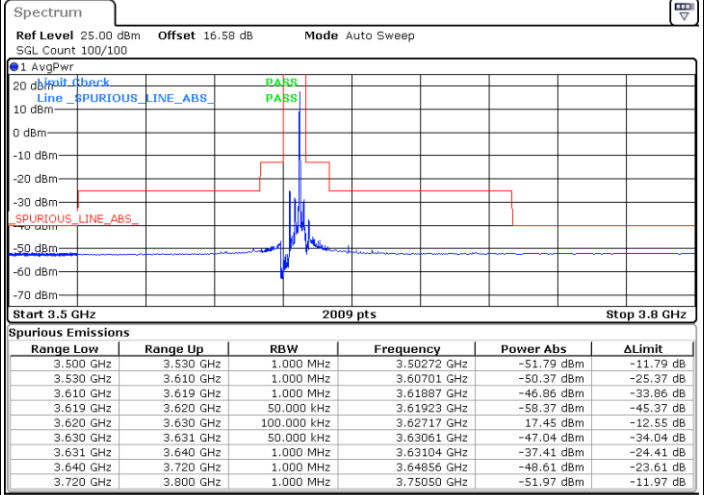
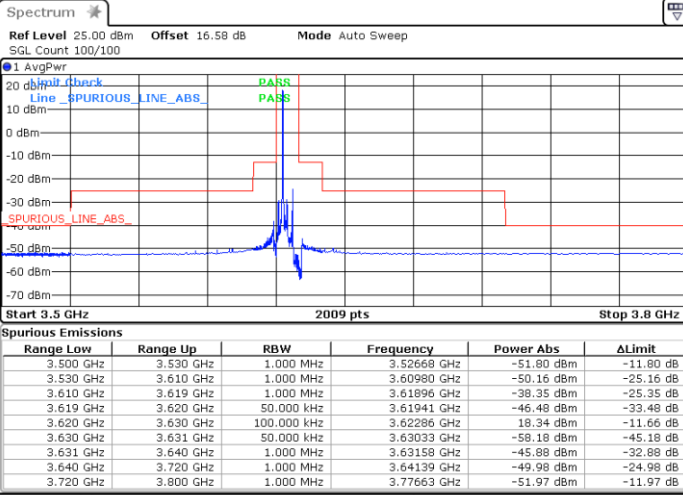


LTE Band 48 / 5MHz

256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

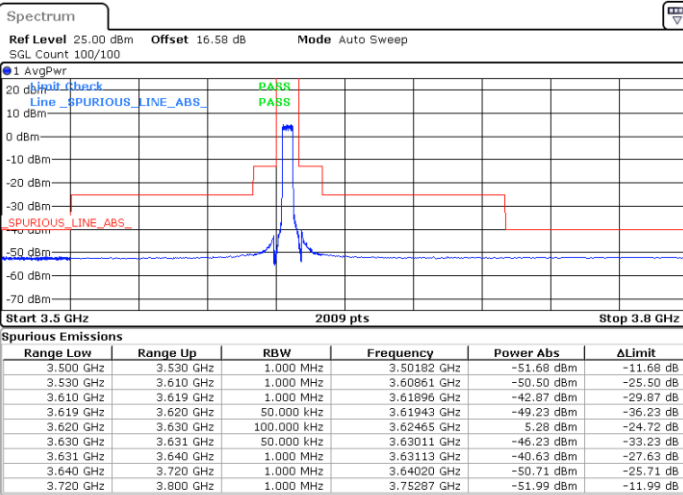


Date: 17.AUG.2023 01:04:32

Date: 17.AUG.2023 01:05:35

Middle Channel / FullIRB

N/A



Date: 17.AUG.2023 01:11:33

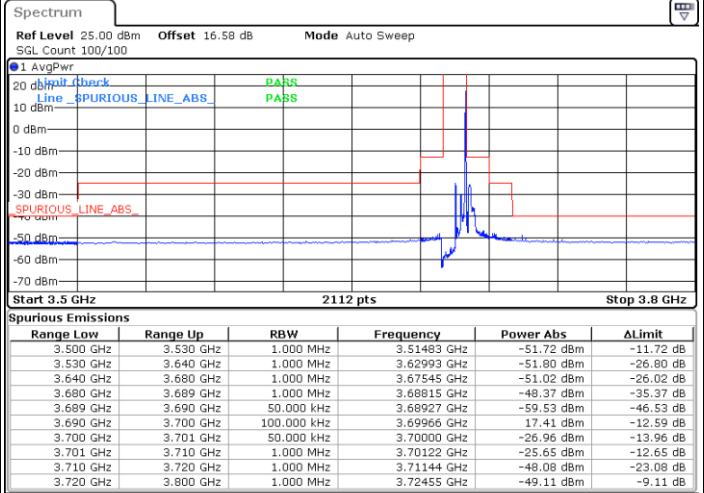
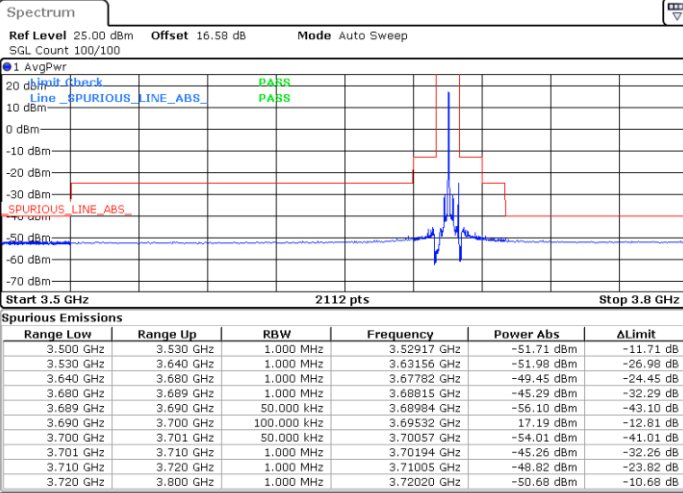


LTE Band 48 / 5MHz

256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

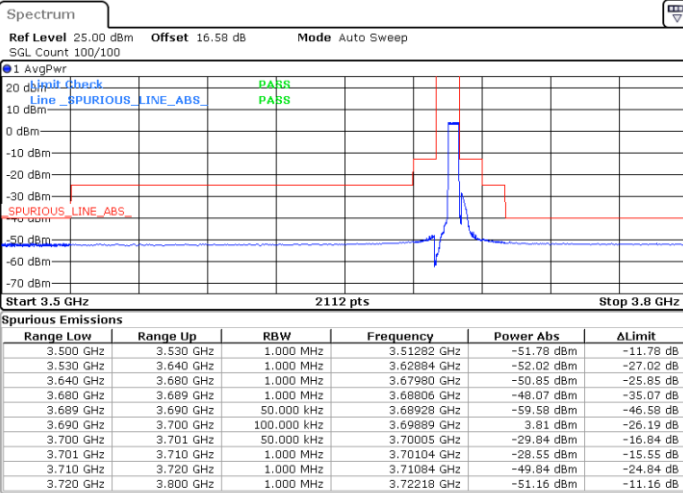


Date: 17 AUG 2023 01:21:59

Date: 17 AUG 2023 01:21:04

Highest Channel / FullIRB

N/A



Date: 17 AUG 2023 01:29:13

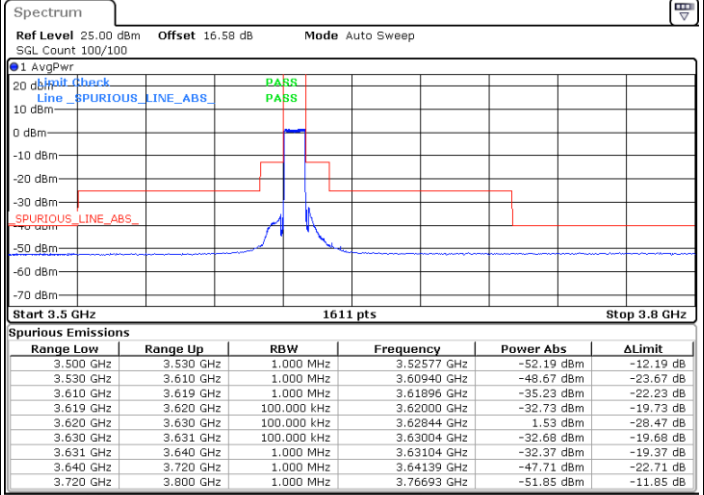
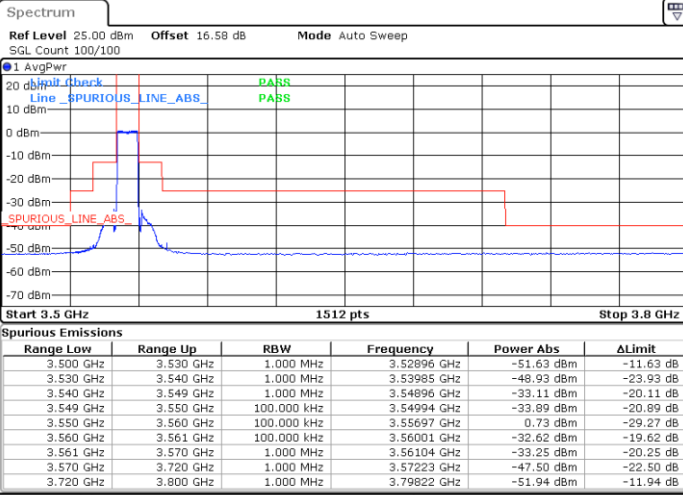


LTE Band 48 / 10MHz

256QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

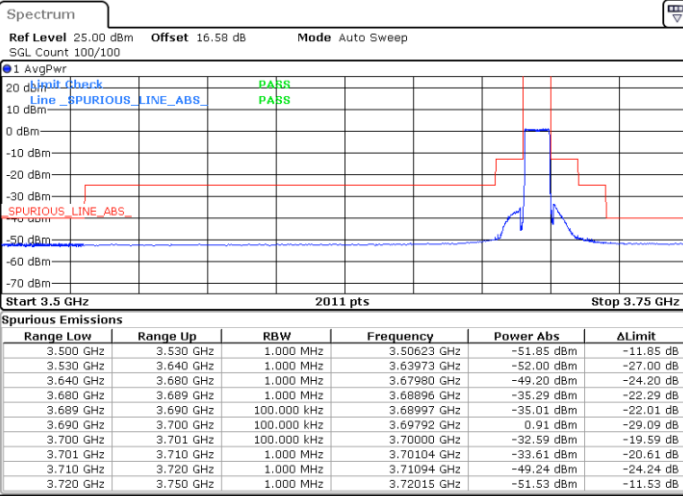


Date: 17.AUG.2023 00:01:49

Date: 17.AUG.2023 00:18:49

Highest Channel / FullIRB

N/A



Date: 17.AUG.2023 00:35:27

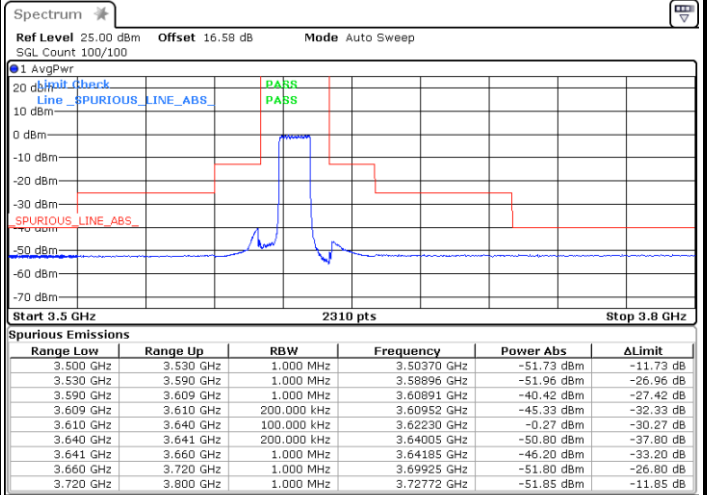
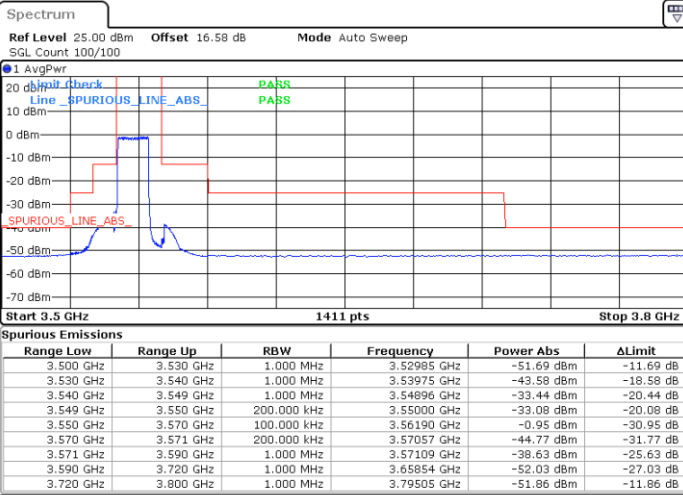


LTE Band 48 / 15MHz

256QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

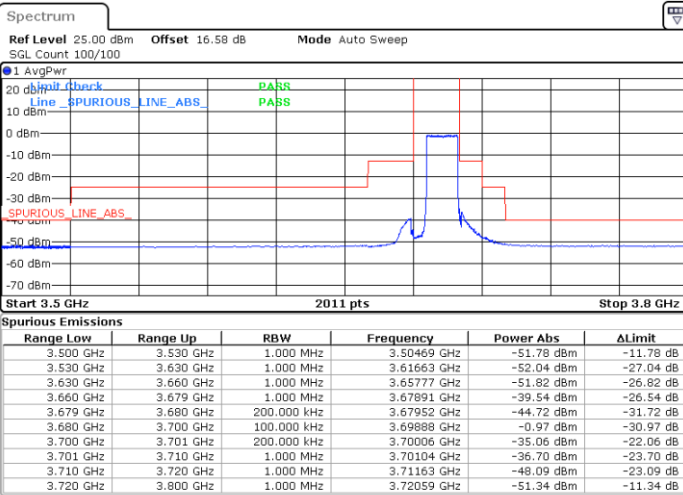


Date: 16 AUG 2023 23:50:04

Date: 16 AUG 2023 23:52:06

Highest Channel / FullIRB

N/A



Date: 16 AUG 2023 23:59:04

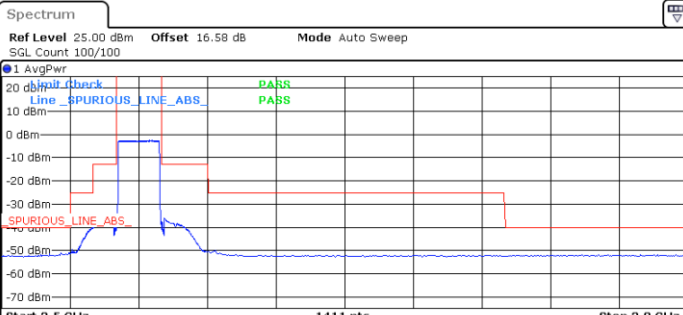


LTE Band 48 / 20MHz

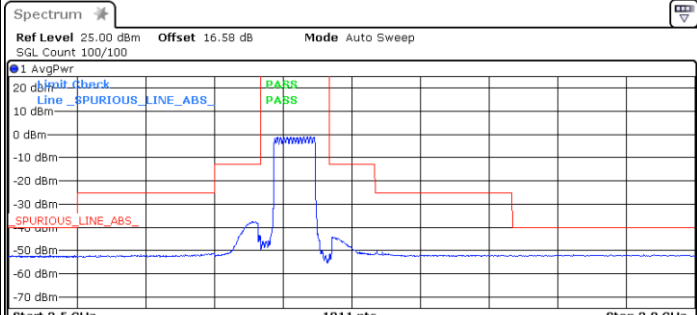
256QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52926 GHz	-50.99 dBm	-10.99 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53946 GHz	-39.91 dBm	-14.91 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-35.44 dBm	-22.44 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54995 GHz	-37.87 dBm	-24.87 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56584 GHz	-2.52 dBm	-32.52 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57005 GHz	-37.60 dBm	-24.60 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-36.21 dBm	-23.21 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.59354 GHz	-49.80 dBm	-24.80 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.79465 GHz	-51.82 dBm	-11.82 dB



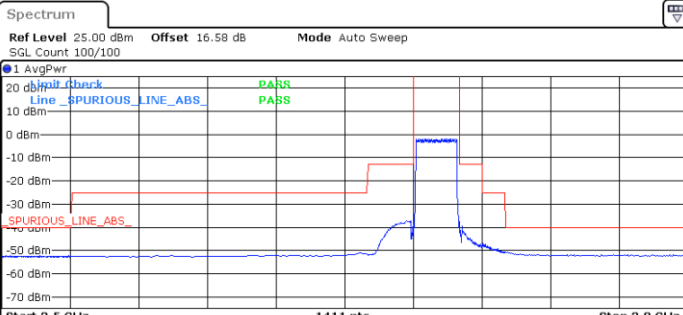
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51359 GHz	-52.23 dBm	-12.23 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.58896 GHz	-51.25 dBm	-26.25 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60627 GHz	-37.63 dBm	-24.63 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60957 GHz	-43.45 dBm	-30.45 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62904 GHz	-0.93 dBm	-30.93 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64064 GHz	-51.37 dBm	-39.37 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-44.17 dBm	-31.17 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66104 GHz	-50.29 dBm	-25.29 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.74673 GHz	-51.83 dBm	-11.83 dB

Date: 16 AUG 2023 23:30:07

Date: 16 AUG 2023 23:31:52

Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50394 GHz	-52.23 dBm	-12.23 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.65678 GHz	-51.13 dBm	-26.13 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-37.01 dBm	-24.01 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67997 GHz	-38.52 dBm	-25.52 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69434 GHz	-1.78 dBm	-31.78 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70002 GHz	-37.41 dBm	-24.41 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-39.56 dBm	-26.56 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71025 GHz	-46.83 dBm	-21.83 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72099 GHz	-50.73 dBm	-10.73 dB

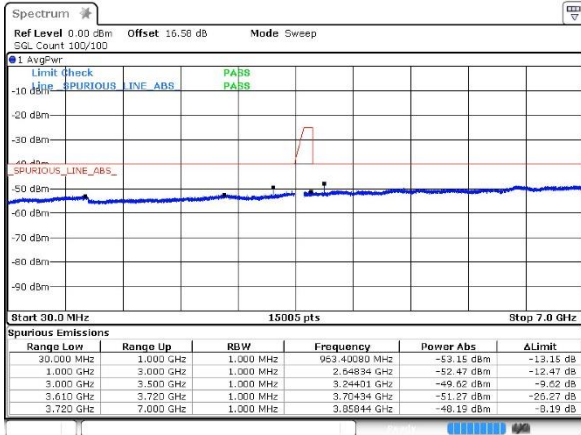
Date: 16 AUG 2023 23:42:23



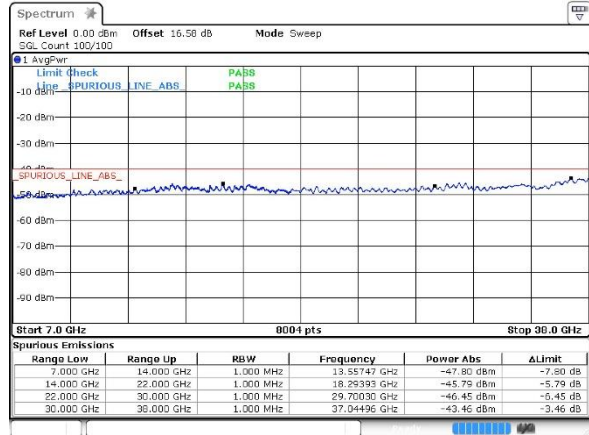
Conducted Spurious Emission

LTE Band 48 / 10MHz

Lowest Channel / QPSK

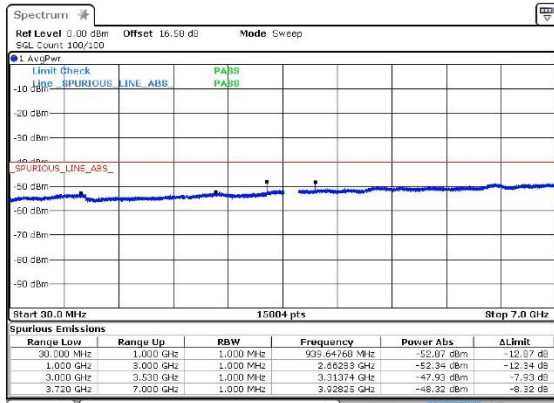


Date: 16 AUG 2023 20:20:23

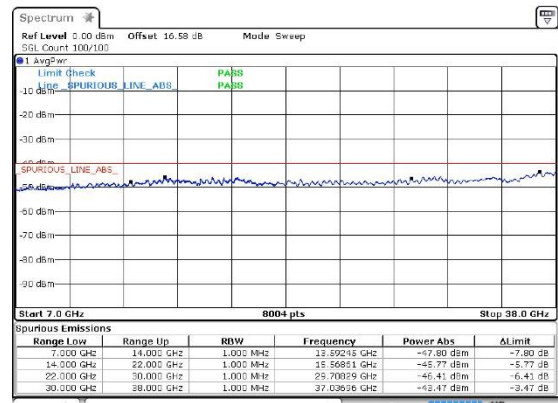


Date: 16 AUG 2023 20:23:02

Middle Channel / QPSK

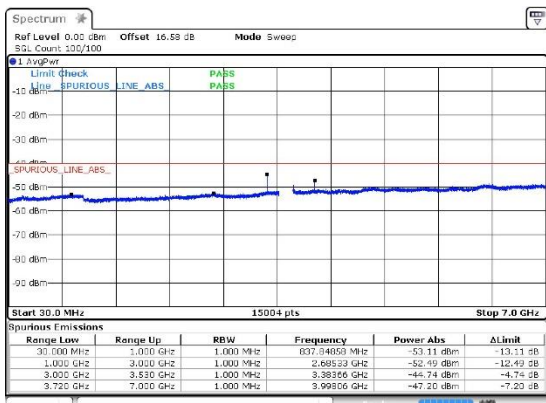


Date: 16 AUG 2023 20:25:13

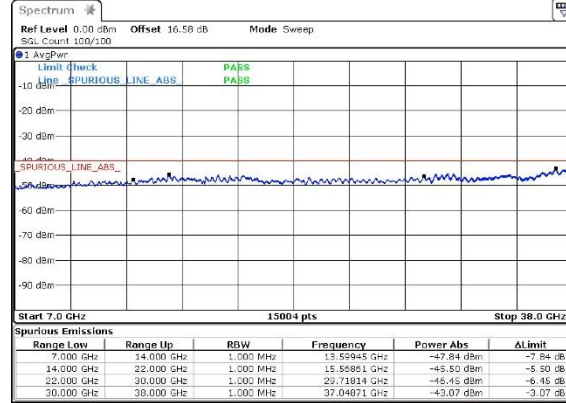


Date: 16 AUG 2023 20:24:58

Highest Channel / QPSK



Date: 16 AUG 2023 20:26:15



Date: 16 AUG 2023 20:27:51



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	2.1	PASS
40	Normal Voltage	2.2	
30	Normal Voltage	2.4	
20(Ref.)	Normal Voltage	2.1	
10	Normal Voltage	2.5	
0	Normal Voltage	2.3	
-10	Normal Voltage	2.1	
-20	Normal Voltage	2.2	
-30	Normal Voltage	2.0	
20	Maximum Voltage	2.3	
20	Normal Voltage	2.2	
20	Battery End Point	2.1	

Note:

- 1. Normal Voltage = 48 V. ; Battery End Point (ACLRP) = 42.5 V. ; Maximum Voltage = 57 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



4G-LTE CA Band 48C

26dB Bandwidth

Mode	4G-LTE CA Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	25.03	31.15	35.04	25.18
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	35.25	40.20	-

Mode	4G-LTE CA Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	25.08	30.03	35.11	24.93
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	35.04	40.20	-

Mode	4G-LTE CA Band 48C : 26dB BW(MHz)			
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	25.03	30.03	35.11	25.08
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.21	35.18	40.04	-

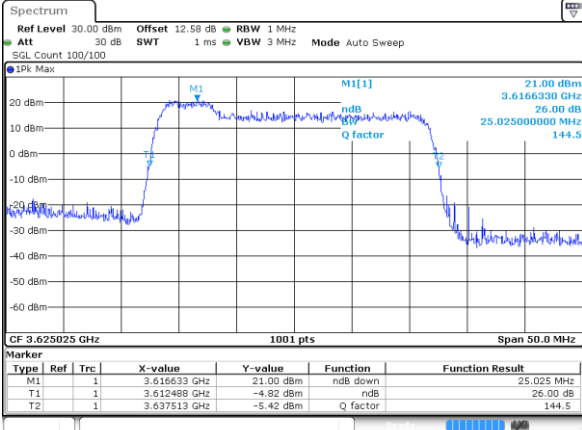
Mode	4G-LTE CA Band 48C : 26dB BW(MHz)			
256QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	25.18	30.15	35.04	25.13
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	35.04	40.12	-



4G-LTE CA Band 48C

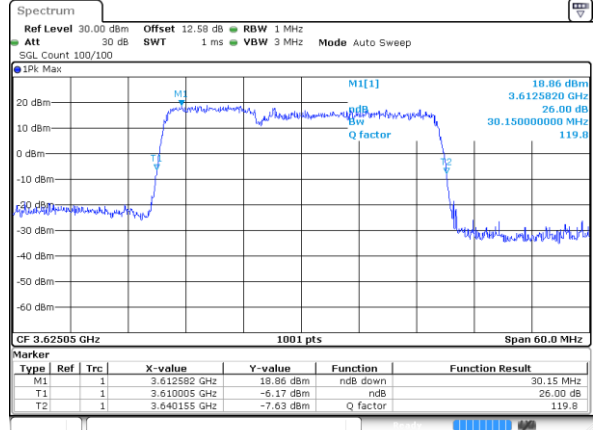
QPSK

Middle Channel / 5MHz+20MHz



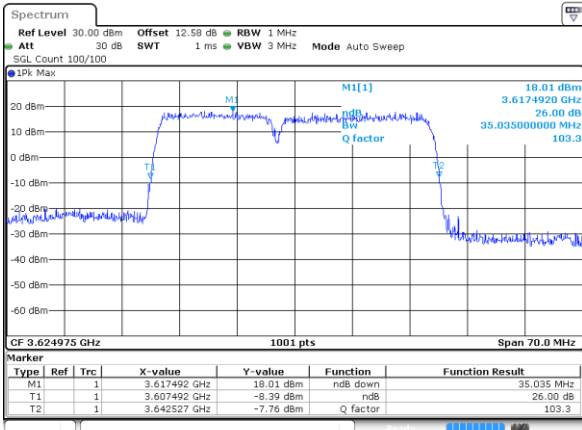
Date: 6 SEP 2023 22:46:06

Middle Channel / 10MHz+20MHz



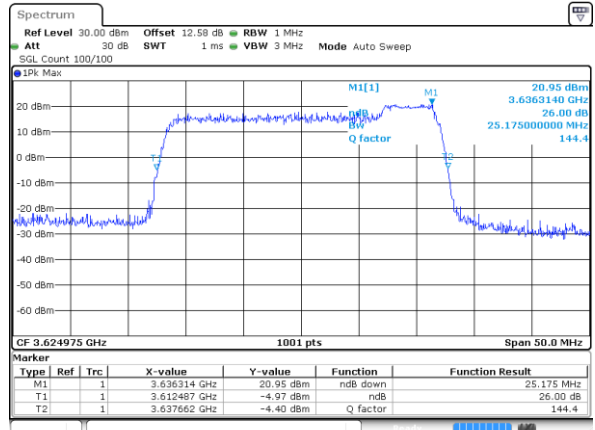
Date: 6 SEP 2023 20:10:00

Middle Channel / 15MHz+20MHz



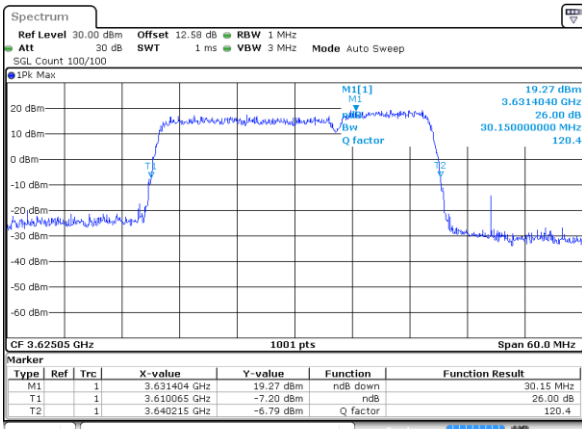
Date: 6 SEP 2023 19:31:16

Middle Channel / 20MHz+5MHz



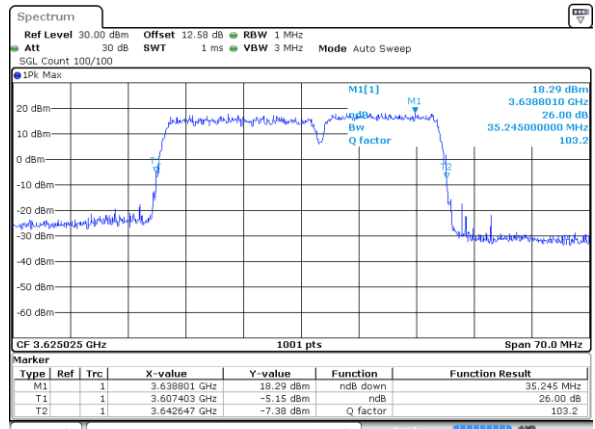
Date: 6 SEP 2023 21:00:14

Middle Channel / 20MHz+10MHz



Date: 6 SEP 2023 19:50:31

Middle Channel / 20MHz+15MHz



Date: 6 SEP 2023 19:17:11

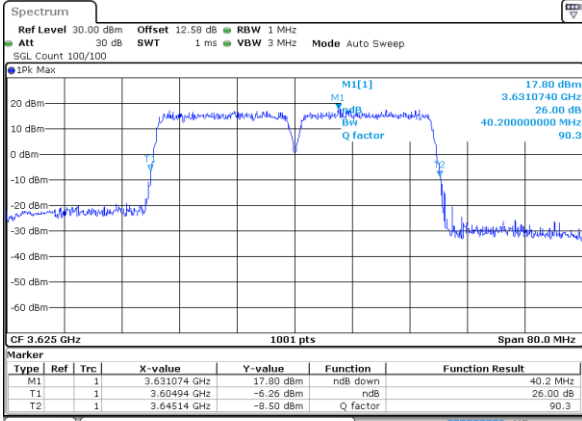


4G-LTE CA Band 48C

QPSK

Middle Channel / 20MHz+20MHz

N/A



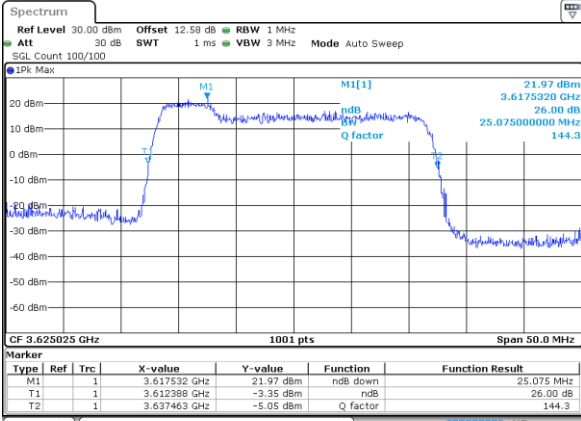
Date: 6 SEP 2023 18:57:29



4G-LTE CA Band 48C

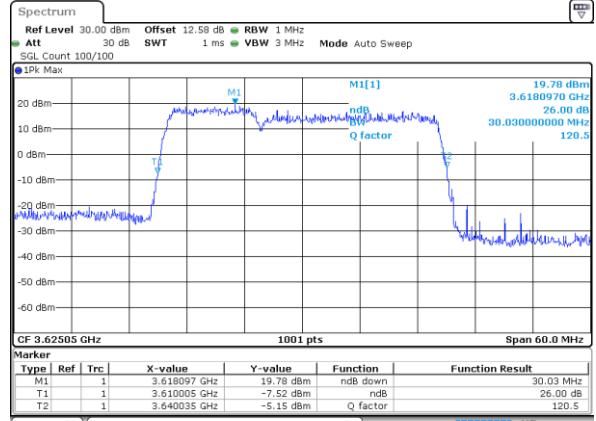
16QAM

Middle Channel / 5MHz+20MHz



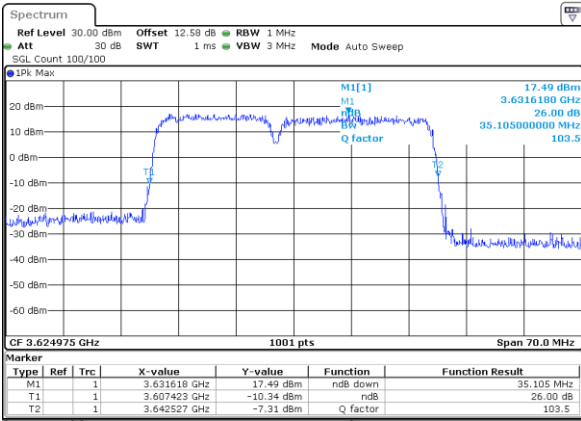
Date: 6 SEP 2023 22:50:54

Middle Channel / 10MHz+20MHz



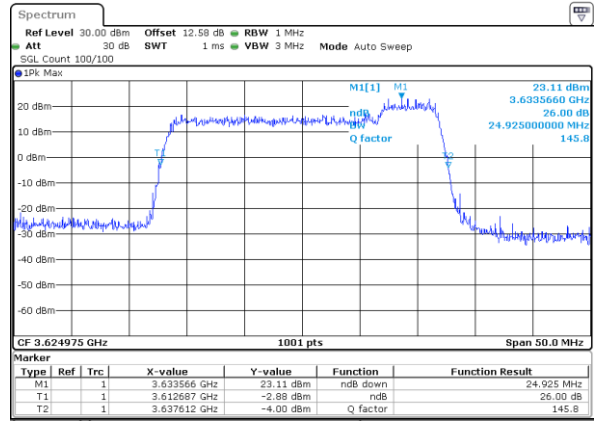
Date: 6 SEP 2023 20:10:53

Middle Channel / 15MHz+20MHz



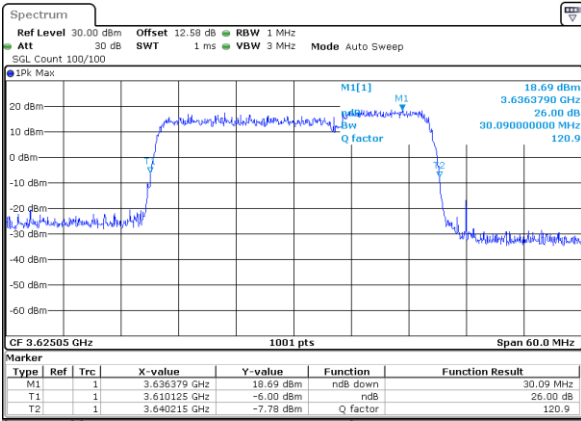
Date: 6 SEP 2023 19:31:46

Middle Channel / 20MHz+5MHz



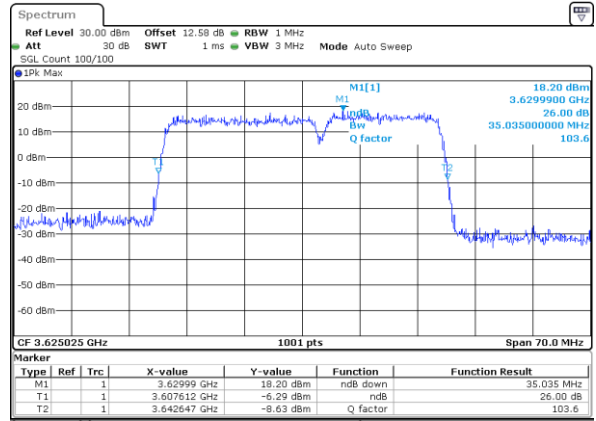
Date: 6 SEP 2023 21:10:31

Middle Channel / 20MHz+10MHz



Date: 6 SEP 2023 19:51:10

Middle Channel / 20MHz+15MHz



Date: 6 SEP 2023 19:17:46

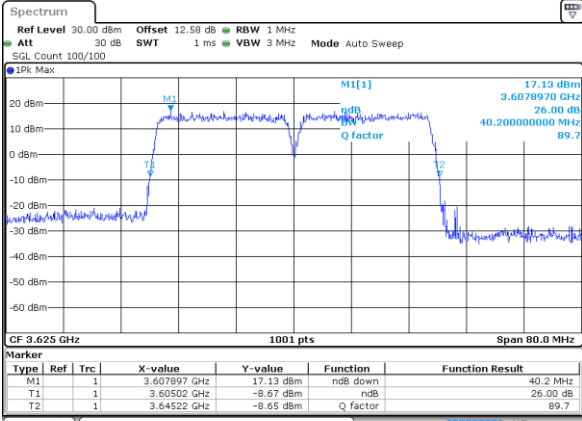


4G-LTE CA Band 48C

16QAM

Middle Channel / 20MHz+20MHz

N/A



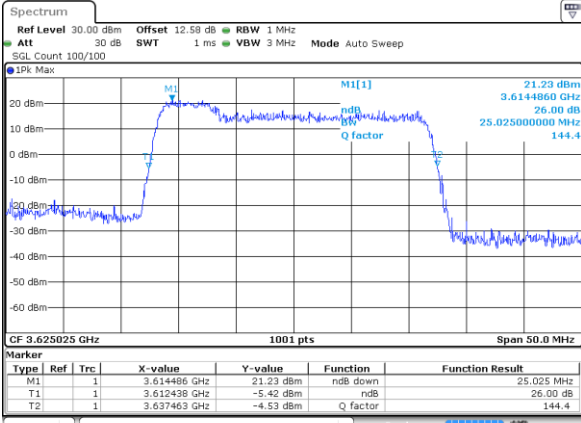
Date: 6 SEP 2023 18:58:04



4G-LTE CA Band 48C

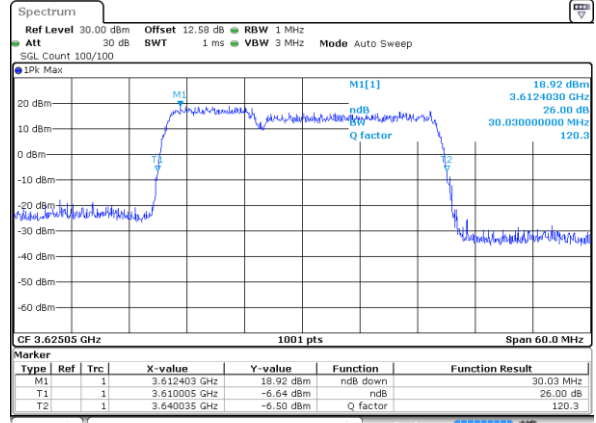
64QAM

Middle Channel / 5MHz+20MHz



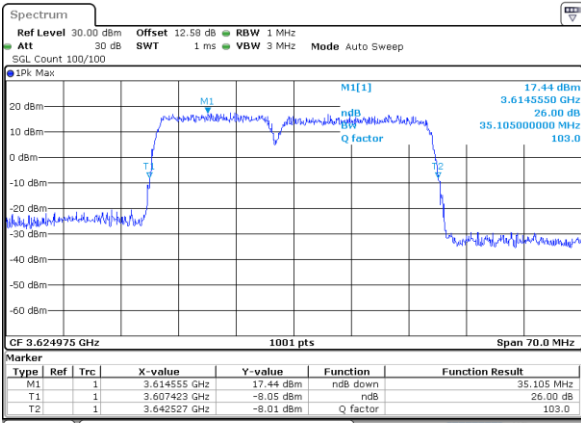
Date: 6 SEP 2023 22:51:27

Middle Channel / 10MHz+20MHz



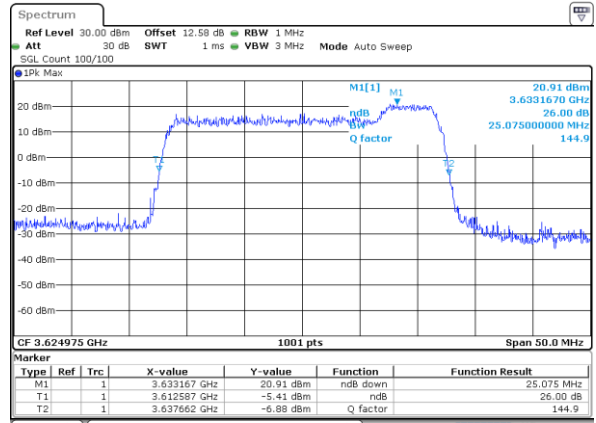
Date: 6 SEP 2023 20:11:27

Middle Channel / 15MHz+20MHz



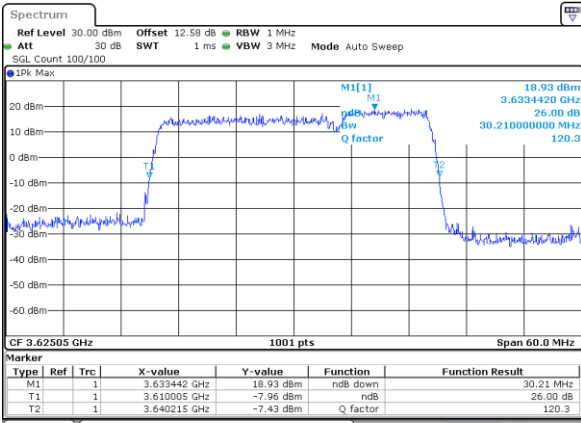
Date: 6 SEP 2023 19:32:16

Middle Channel / 20MHz+5MHz



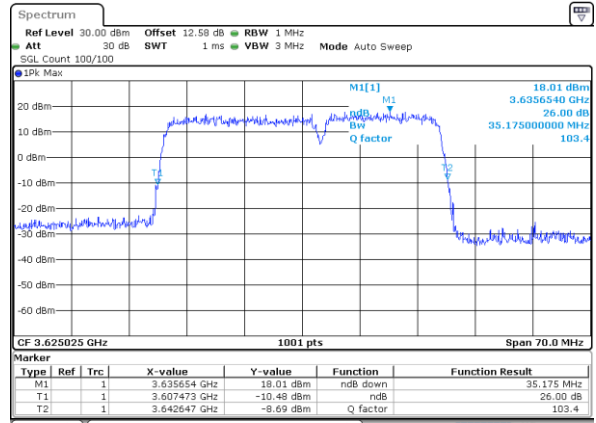
Date: 6 SEP 2023 21:10:33

Middle Channel / 20MHz+10MHz



Date: 6 SEP 2023 19:51:42

Middle Channel / 20MHz+15MHz



Date: 6 SEP 2023 19:18:21

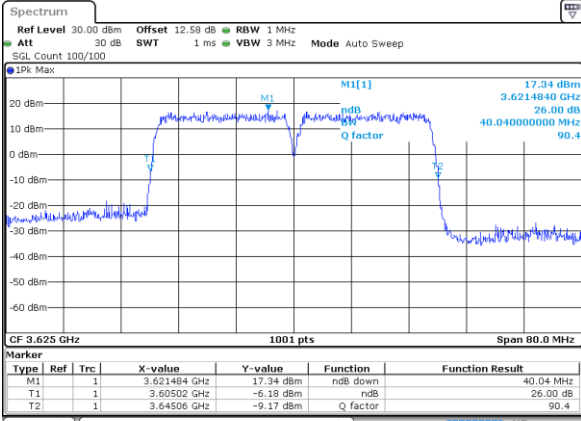


4G-LTE CA Band 48C

64QAM

Middle Channel / 20MHz+20MHz

N/A



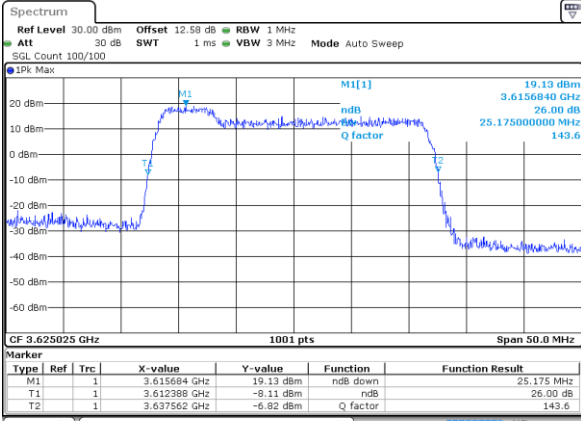
Date: 6 SEP 2023 18:58:36



4G-LTE CA Band 48C

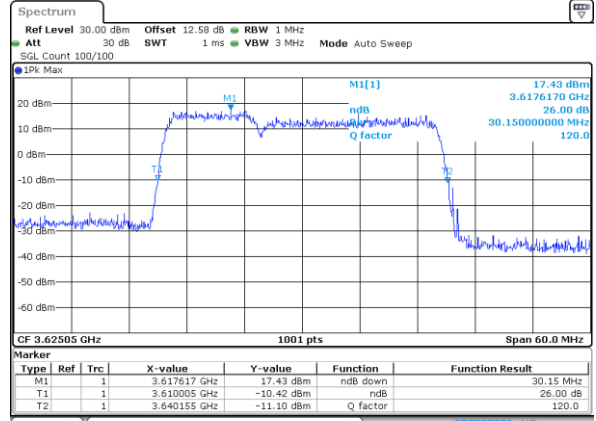
256QAM

Middle Channel / 5MHz+20MHz



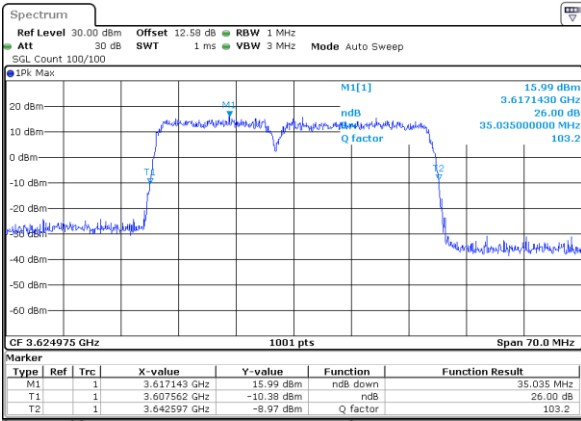
Date: 6 SEP 2023 22:56:54

Middle Channel / 10MHz+20MHz



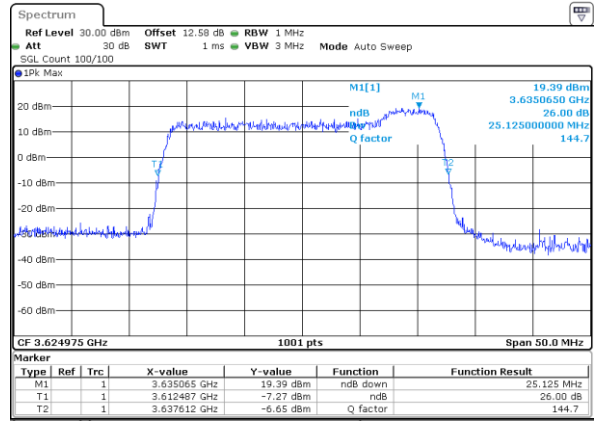
Date: 6 SEP 2023 20:11:57

Middle Channel / 15MHz+20MHz



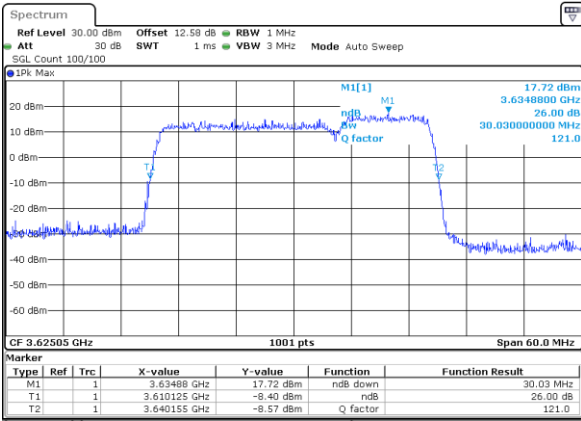
Date: 6 SEP 2023 19:32:48

Middle Channel / 20MHz+5MHz



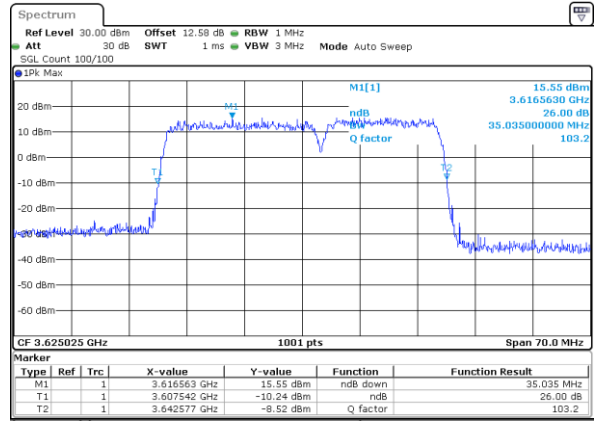
Date: 6 SEP 2023 21:11:51

Middle Channel / 20MHz+10MHz



Date: 6 SEP 2023 19:52:14

Middle Channel / 20MHz+15MHz



Date: 6 SEP 2023 19:18:50

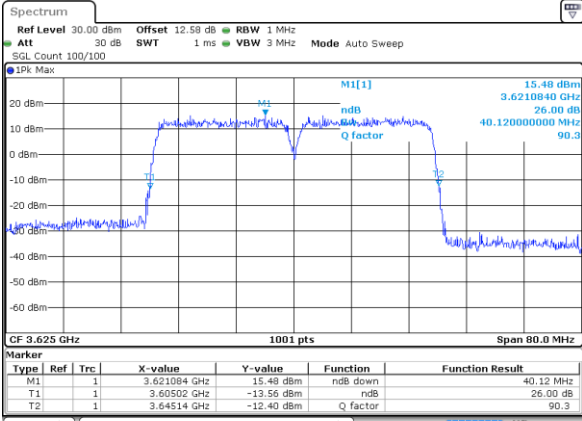


4G-LTE CA Band 48C

256QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 6 SEP 2023 18:59:11



Occupied Bandwidth

Mode	4G-LTE CA Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.33	28.11	32.94	23.38
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.17	32.80	37.80	-

Mode	4G-LTE CA Band 48C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.38	28.05	32.80	23.28
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.80	37.72	-

Mode	4G-LTE CA Band 48C : 99%OBW(MHz)			
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.28	28.05	32.80	23.38
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.87	37.72	-

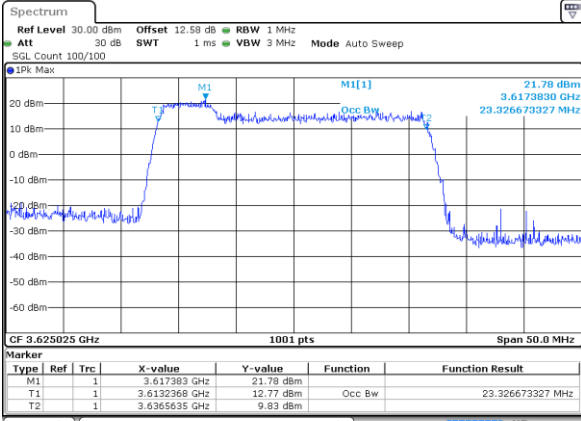
Mode	4G-LTE CA Band 48C : 99%OBW(MHz)			
256QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.43	27.99	32.87	23.43
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.87	37.72	-



4G-LTE CA Band 48C

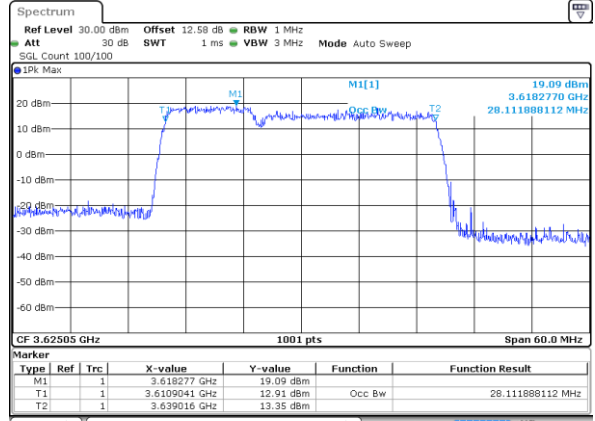
QPSK

Middle Channel / 5MHz+20MHz



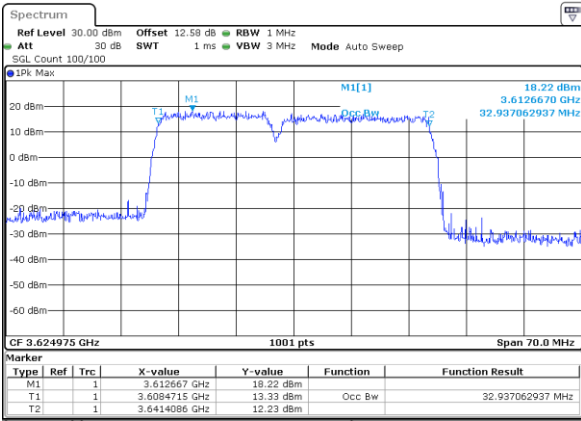
Date: 6 SEP 2023 22:45:51

Middle Channel / 10MHz+20MHz



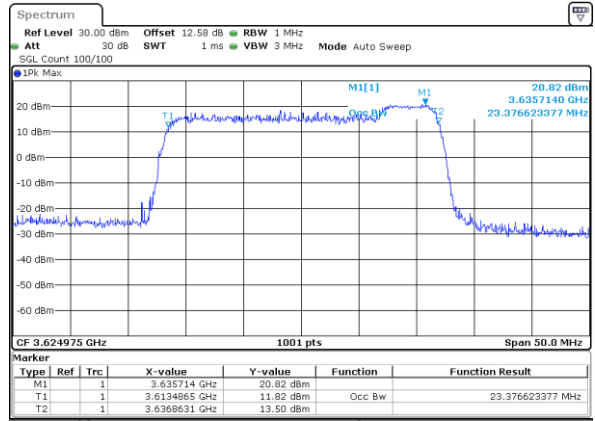
Date: 6 SEP 2023 20:09:49

Middle Channel / 15MHz+20MHz



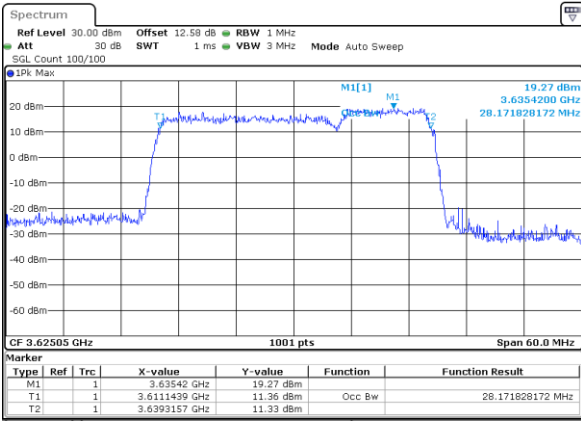
Date: 6 SEP 2023 19:31:05

Middle Channel / 20MHz+5MHz



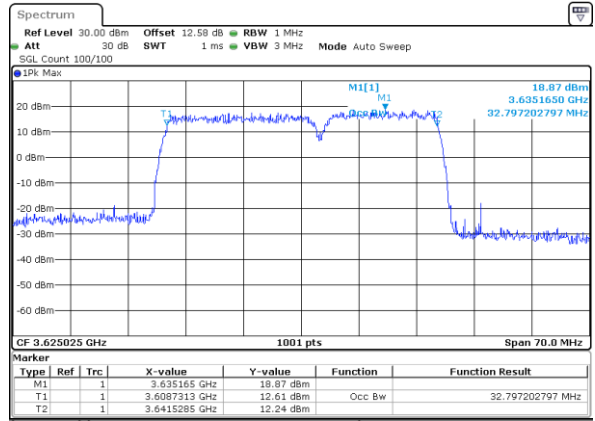
Date: 6 SEP 2023 21:00:22

Middle Channel / 20MHz+10MHz



Date: 6 SEP 2023 19:49:59

Middle Channel / 20MHz+15MHz



Date: 6 SEP 2023 19:17:02

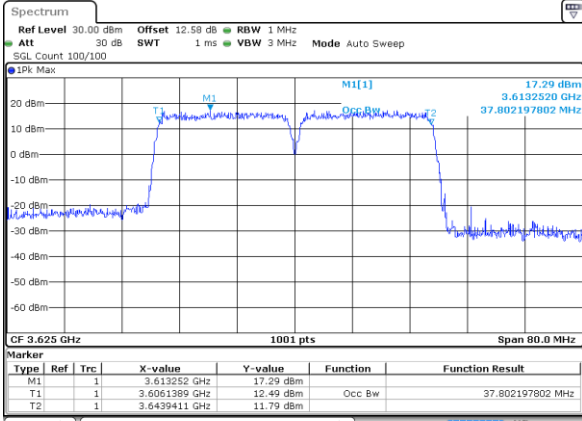


4G-LTE CA Band 48C

QPSK

Middle Channel / 20MHz+20MHz

N/A



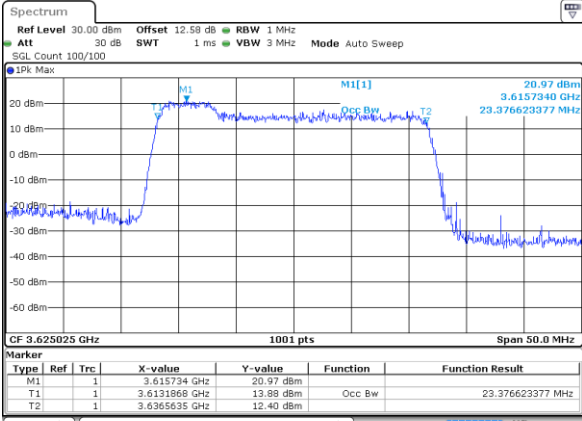
Date: 6 SEP 2023 18:57:17



4G-LTE CA Band 48C

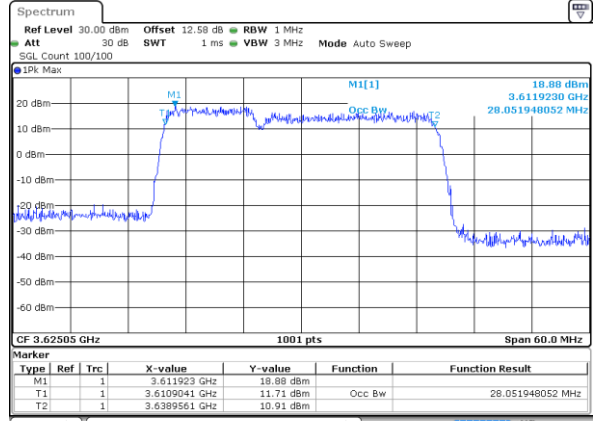
16QAM

Middle Channel / 5MHz+20MHz



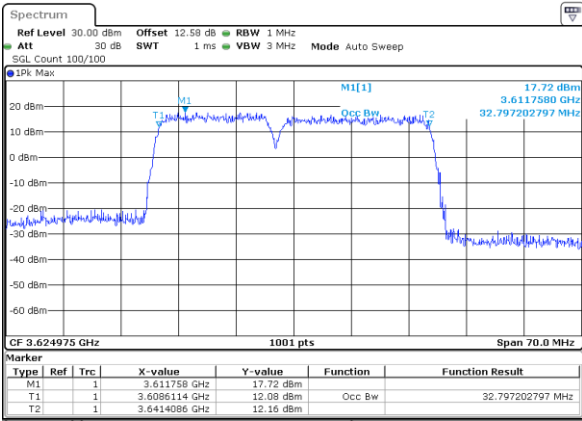
Date: 6 SEP 2023 22:50:43

Middle Channel / 10MHz+20MHz



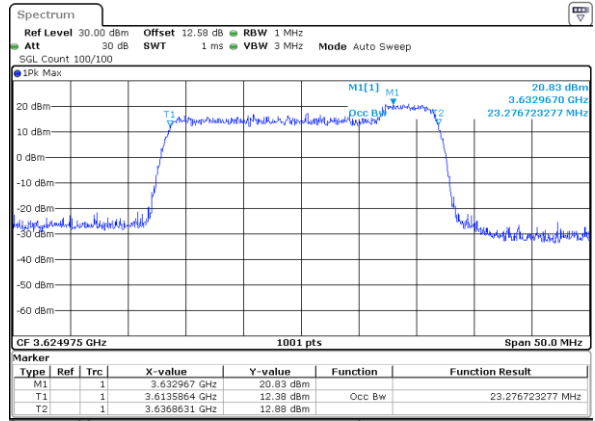
Date: 6 SEP 2023 20:10:38

Middle Channel / 15MHz+20MHz



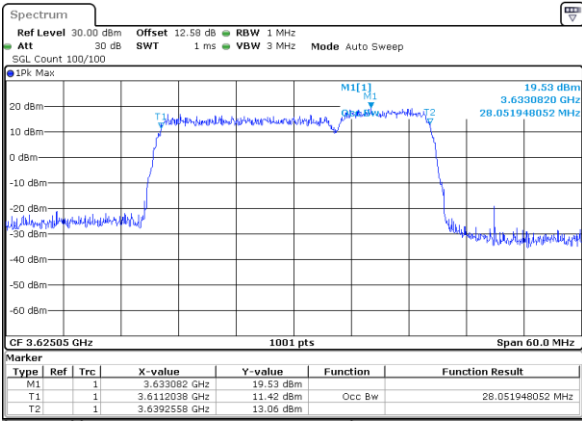
Date: 6 SEP 2023 19:31:36

Middle Channel / 20MHz+5MHz



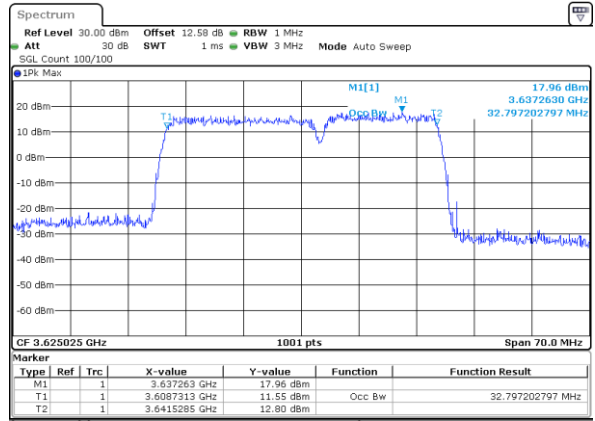
Date: 6 SEP 2023 21:12:52

Middle Channel / 20MHz+10MHz



Date: 6 SEP 2023 19:50:57

Middle Channel / 20MHz+15MHz



Date: 6 SEP 2023 19:17:34

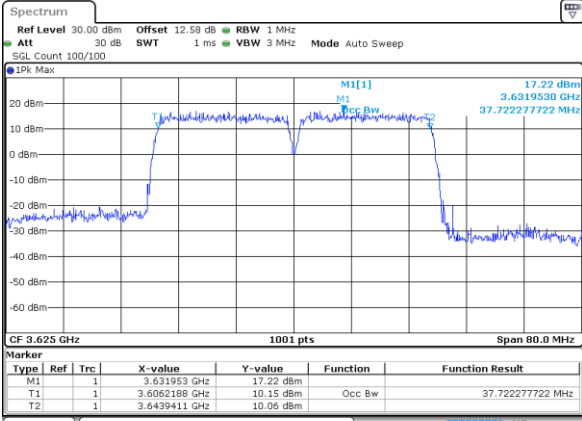


4G-LTE CA Band 48C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 6 SEP 2023 18:57:53