

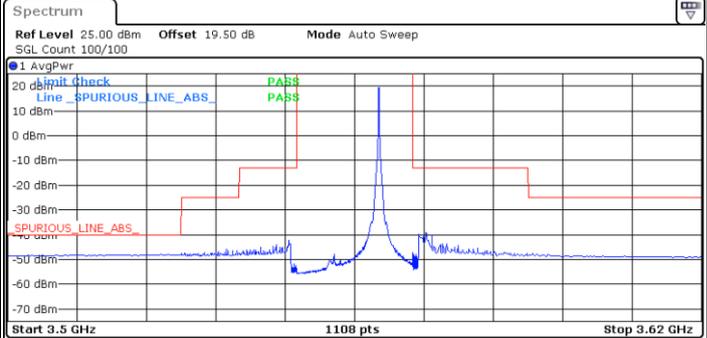
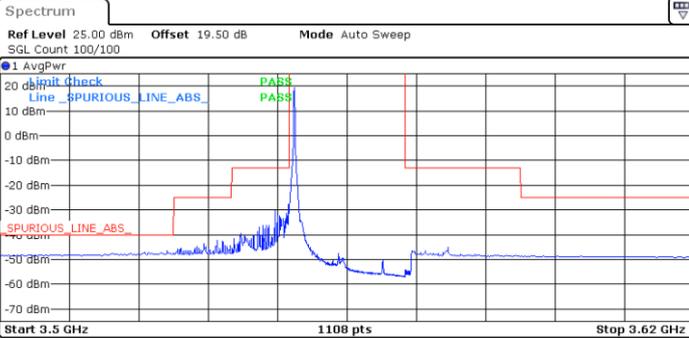


LTE Band 48 / 15MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52896 GHz	-46.61 dBm	-6.61 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53748 GHz	-42.39 dBm	-17.39 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54753 GHz	-30.44 dBm	-17.44 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.55000 GHz	-27.38 dBm	-14.38 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55082 GHz	19.49 dBm	-10.51 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57005 GHz	-54.14 dBm	-41.14 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57749 GHz	-44.92 dBm	-31.92 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59252 GHz	-48.61 dBm	-23.61 dB

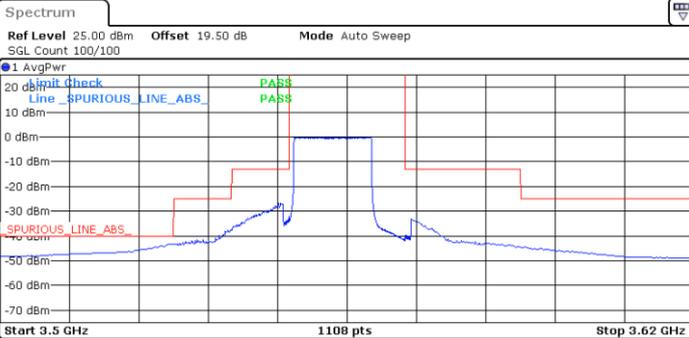
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52777 GHz	-48.06 dBm	-8.06 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53787 GHz	-45.77 dBm	-20.77 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54860 GHz	-42.12 dBm	-29.12 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54953 GHz	-51.84 dBm	-38.84 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56419 GHz	19.33 dBm	-10.67 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57005 GHz	-47.23 dBm	-34.23 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57222 GHz	-39.24 dBm	-26.24 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59074 GHz	-47.59 dBm	-22.59 dB

Date: 9.NOV.2023 18:49:14

Date: 9.NOV.2023 18:53:39

Lowest Channel / FullRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52926 GHz	-43.29 dBm	-3.29 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-37.54 dBm	-12.54 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54815 GHz	-26.63 dBm	-13.63 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54998 GHz	-32.15 dBm	-19.15 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56364 GHz	-0.11 dBm	-30.11 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57021 GHz	-39.68 dBm	-26.68 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-33.26 dBm	-20.26 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59074 GHz	-44.45 dBm	-19.45 dB

Date: 9.NOV.2023 18:58:05

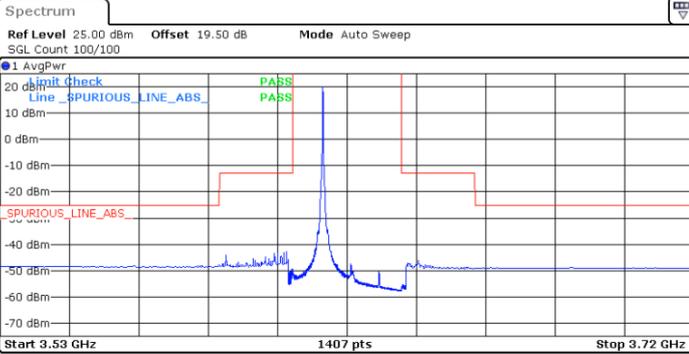


LTE Band 48 / 15MHz

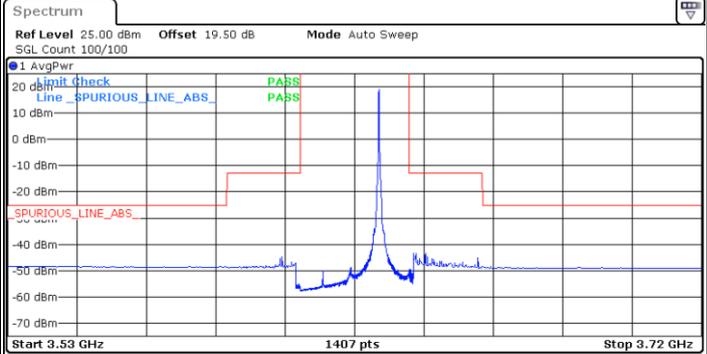
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58985 GHz	-47.81 dBm	-22.81 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60853 GHz	-42.74 dBm	-29.74 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60999 GHz	-49.51 dBm	-36.51 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61836 GHz	20.01 dBm	-9.99 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64015 GHz	-55.27 dBm	-42.27 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64448 GHz	-46.25 dBm	-33.25 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68672 GHz	-48.61 dBm	-23.61 dB



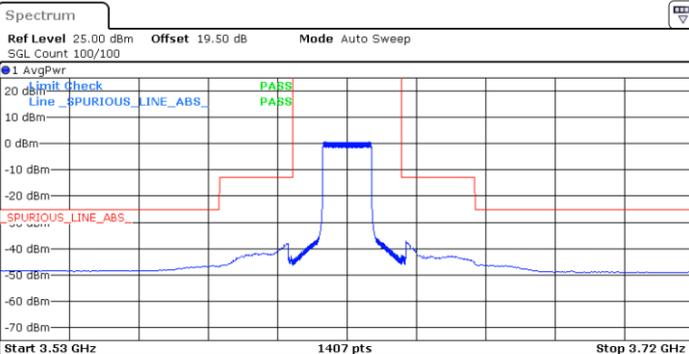
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.57970 GHz	-48.35 dBm	-23.35 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60514 GHz	-44.73 dBm	-31.73 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60952 GHz	-55.07 dBm	-42.07 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63164 GHz	19.18 dBm	-10.82 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64025 GHz	-49.31 dBm	-36.31 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-43.40 dBm	-30.40 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-48.42 dBm	-23.42 dB

Date: 9.NOV.2023 09:05:58

Date: 9.NOV.2023 09:15:46

Middle Channel / FullRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58836 GHz	-46.42 dBm	-21.42 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60991 GHz	-38.17 dBm	-25.17 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60964 GHz	-42.90 dBm	-29.90 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61871 GHz	0.70 dBm	-29.30 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64001 GHz	-42.45 dBm	-29.45 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-37.21 dBm	-24.21 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66164 GHz	-45.97 dBm	-20.97 dB

Date: 9.NOV.2023 08:56:51

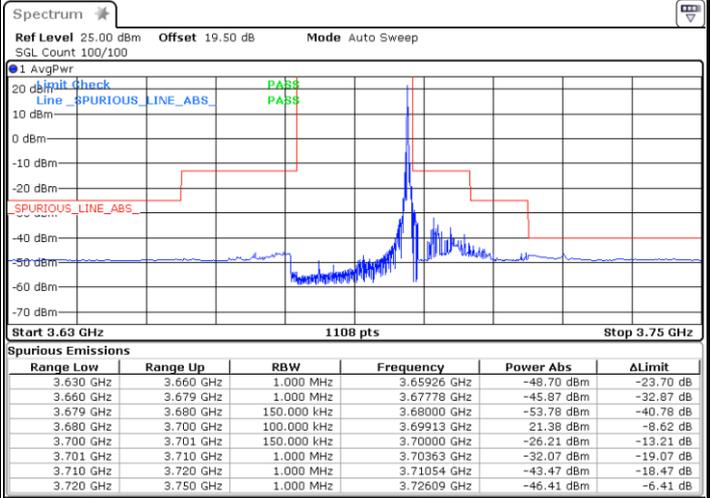
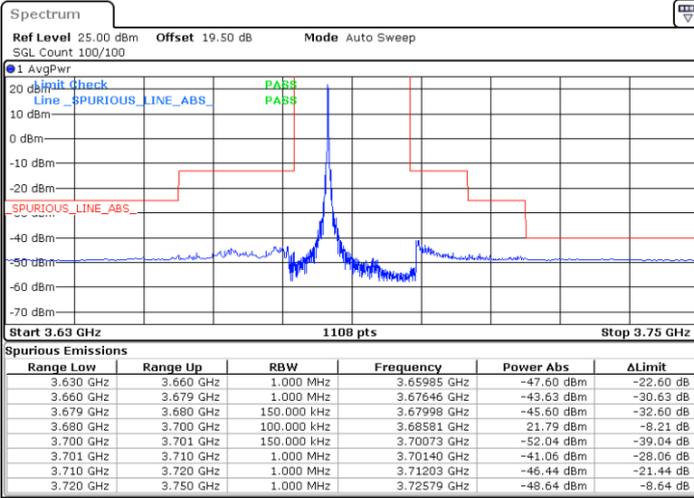


LTE Band 48 / 15MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

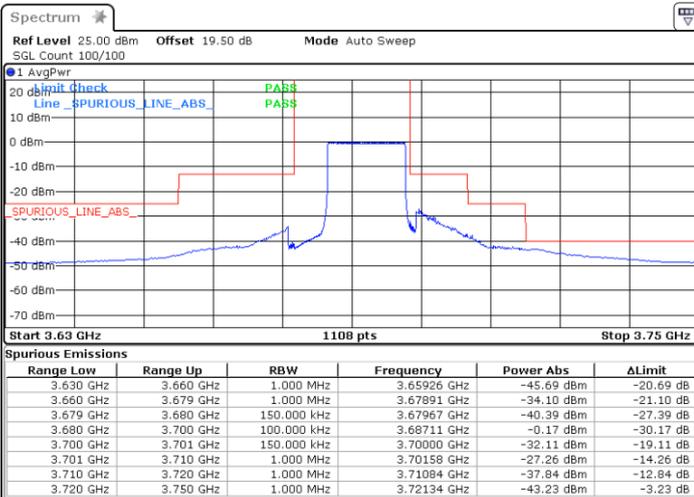


Date: 9.NOV.2023 19:11:28

Date: 9.NOV.2023 19:17:33

Highest Channel / FullRB

N/A



Date: 9.NOV.2023 19:37:56

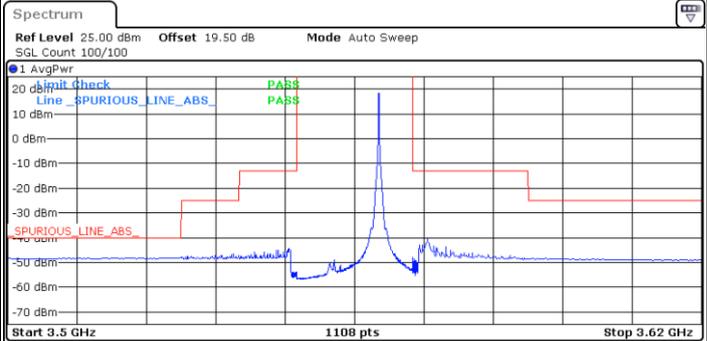
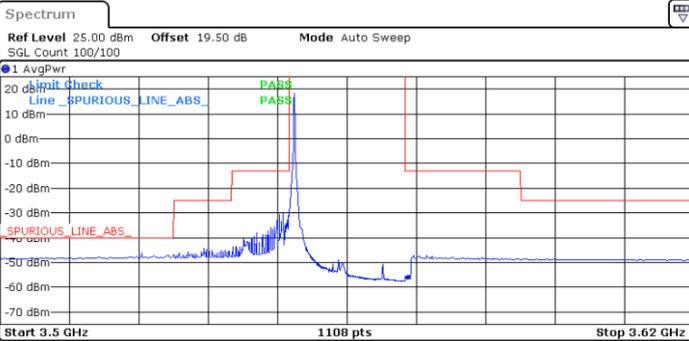


LTE Band 48 / 15MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52450 GHz	-46.26 dBm	-6.26 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53530 GHz	-44.20 dBm	-19.20 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-30.26 dBm	-17.26 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54998 GHz	-28.66 dBm	-15.66 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55082 GHz	18.37 dBm	-11.63 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57091 GHz	-54.95 dBm	-41.95 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57373 GHz	-47.03 dBm	-34.03 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59282 GHz	-48.74 dBm	-23.74 dB

Spurious Emissions

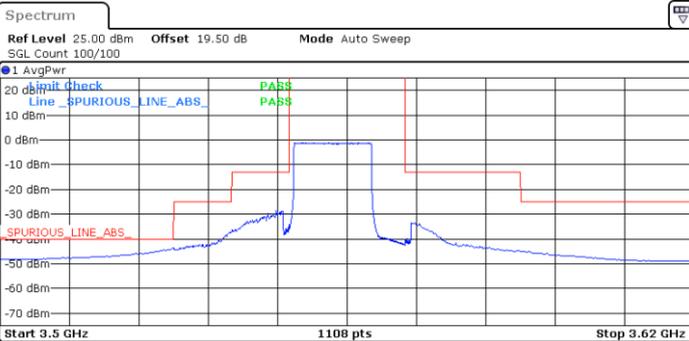
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52540 GHz	-48.06 dBm	-8.06 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53906 GHz	-46.53 dBm	-21.53 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54869 GHz	-44.36 dBm	-31.36 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54992 GHz	-53.80 dBm	-40.80 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56419 GHz	18.33 dBm	-11.67 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57006 GHz	-48.01 dBm	-35.01 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57260 GHz	-40.55 dBm	-27.55 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59153 GHz	-48.27 dBm	-23.27 dB

Date: 9.NOV.2023 18:47:46

Date: 9.NOV.2023 18:55:08

Lowest Channel / FullRB

N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-43.80 dBm	-3.80 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-37.22 dBm	-12.22 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54771 GHz	-28.59 dBm	-15.59 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.55000 GHz	-34.07 dBm	-21.07 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55092 GHz	-1.12 dBm	-31.12 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57027 GHz	-39.93 dBm	-26.93 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-33.36 dBm	-20.36 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59074 GHz	-44.92 dBm	-19.92 dB

Date: 9.NOV.2023 18:56:36

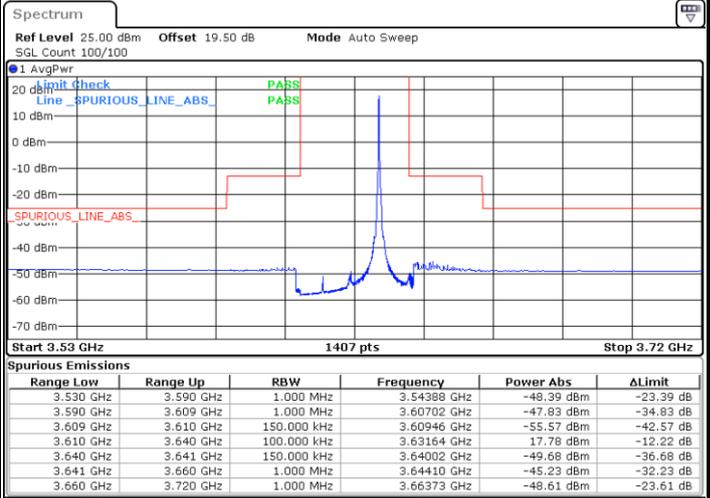
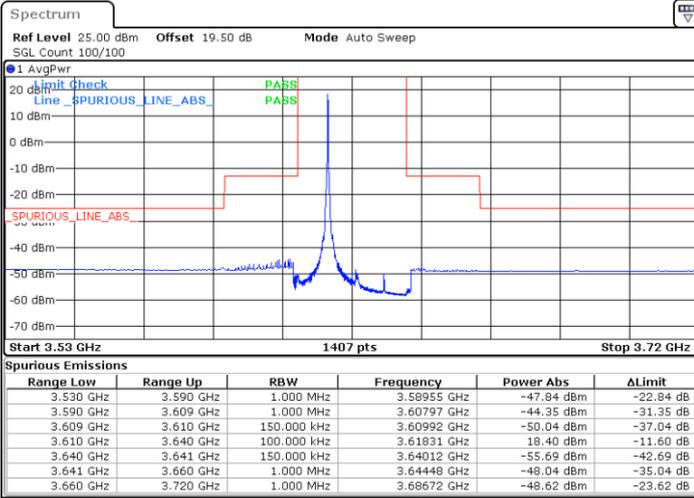


LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

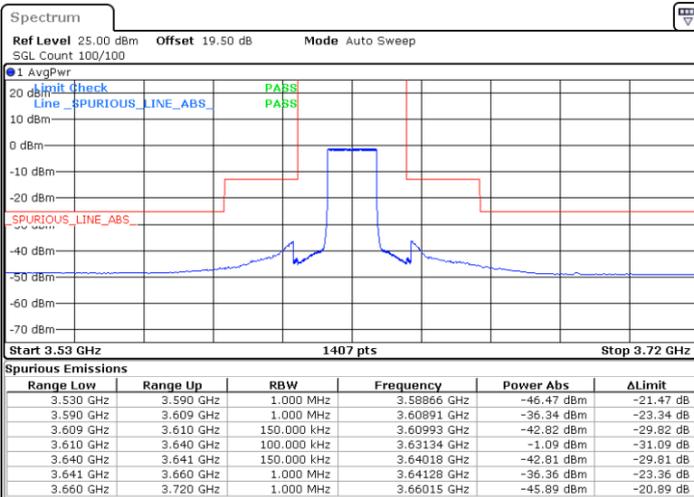


Date: 9.NOV.2023 09:07:41

Date: 9.NOV.2023 09:17:17

Middle Channel / FullRB

N/A



Date: 9.NOV.2023 09:00:40

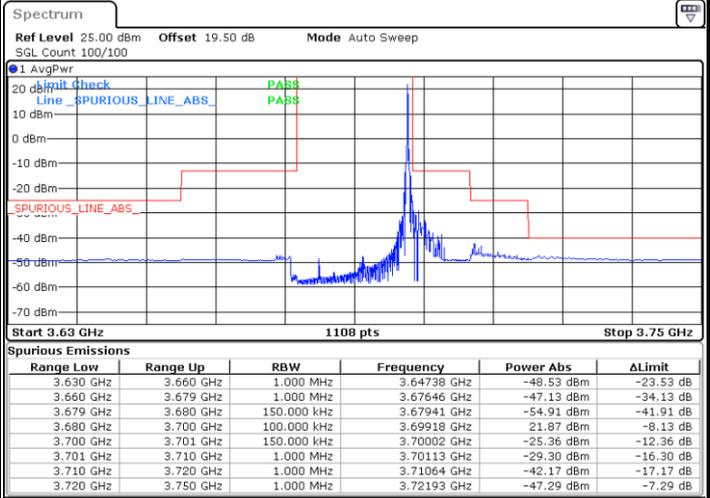
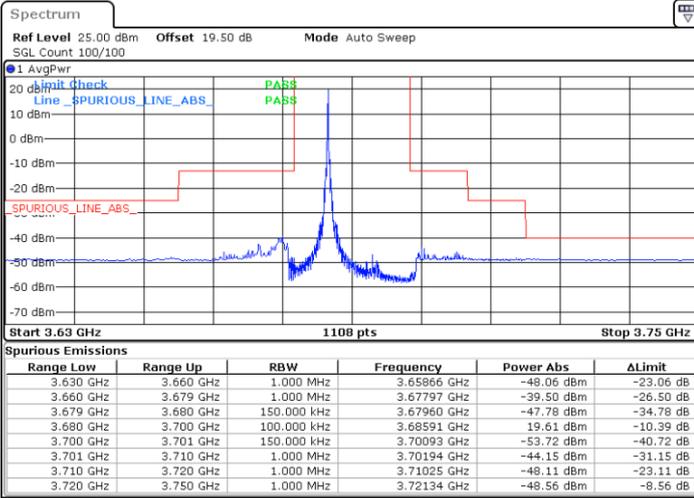


LTE Band 48 / 15MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

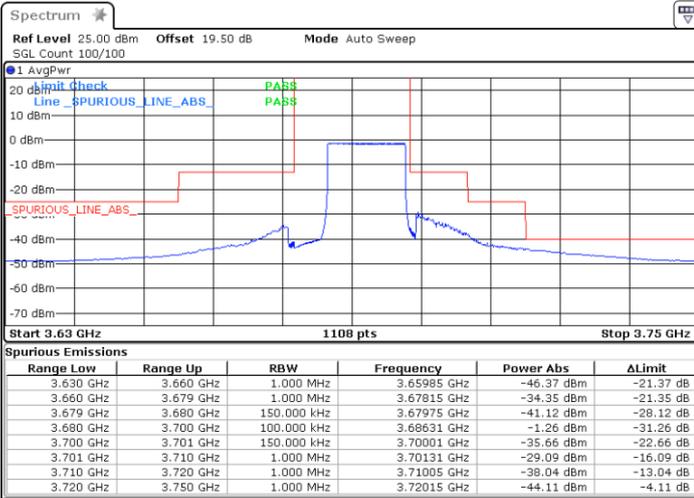


Date: 9.NOV.2023 19:10:00

Date: 9.NOV.2023 09:19:04

Highest Channel / FullRB

N/A



Date: 9.NOV.2023 19:54:58

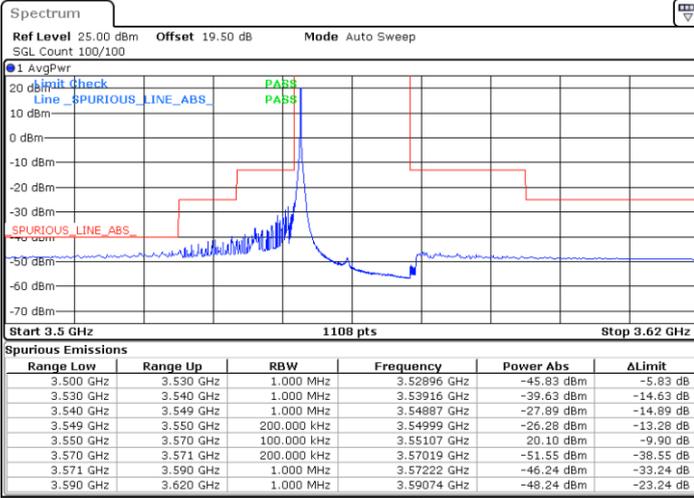


LTE Band 48 / 20MHz

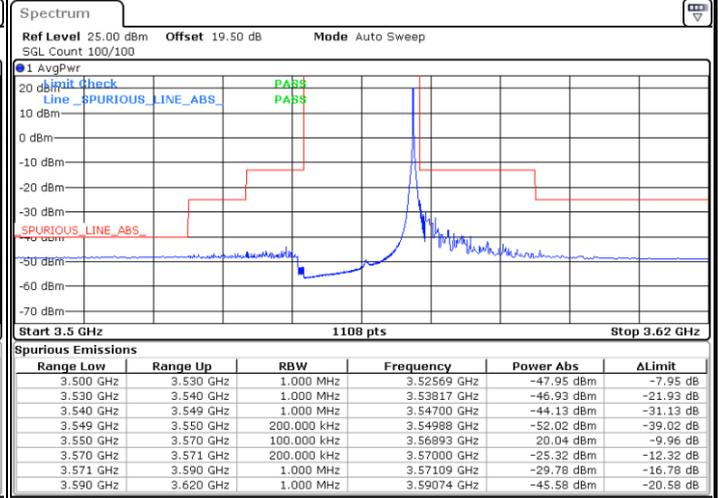
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



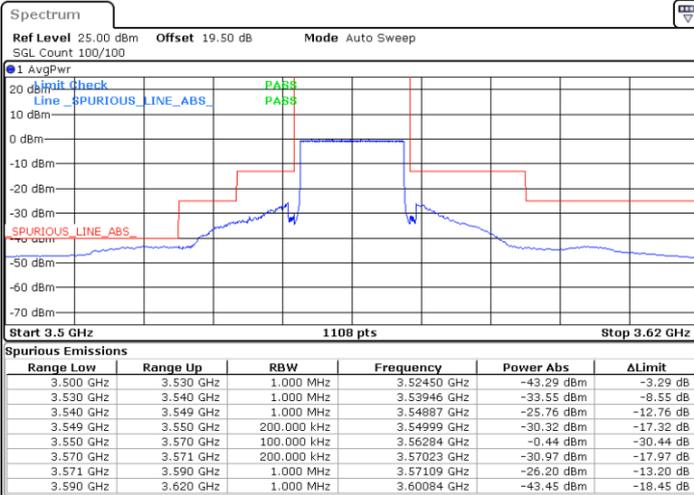
Date: 9.NOV.2023 15:38:23



Date: 9.NOV.2023 16:06:09

Lowest Channel / FullIRB

N/A



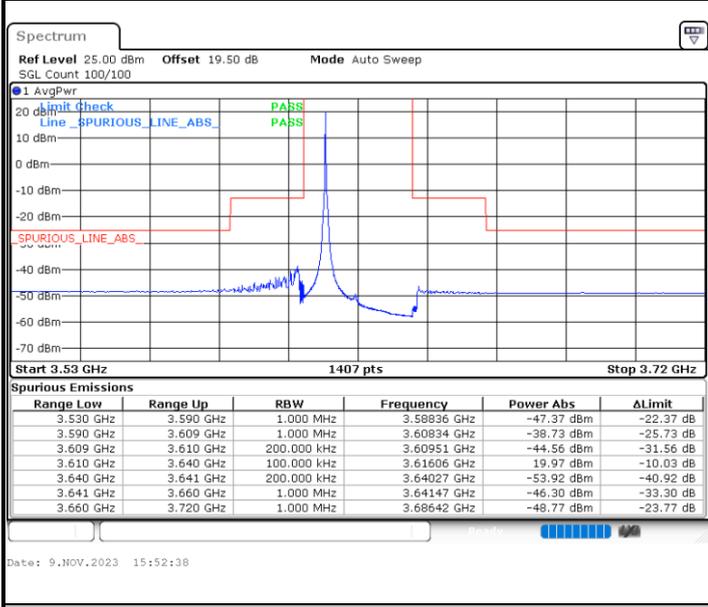
Date: 9.NOV.2023 16:24:50



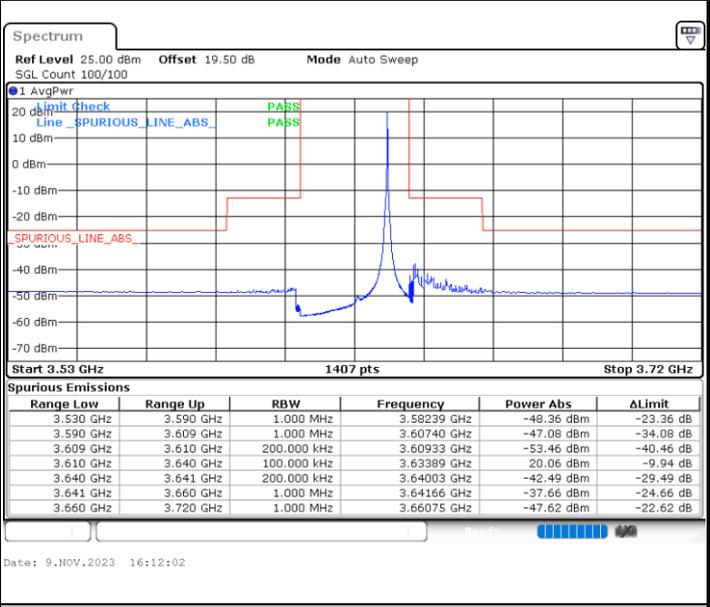
**LTE Band 48 / 20MHz**

**QPSK**

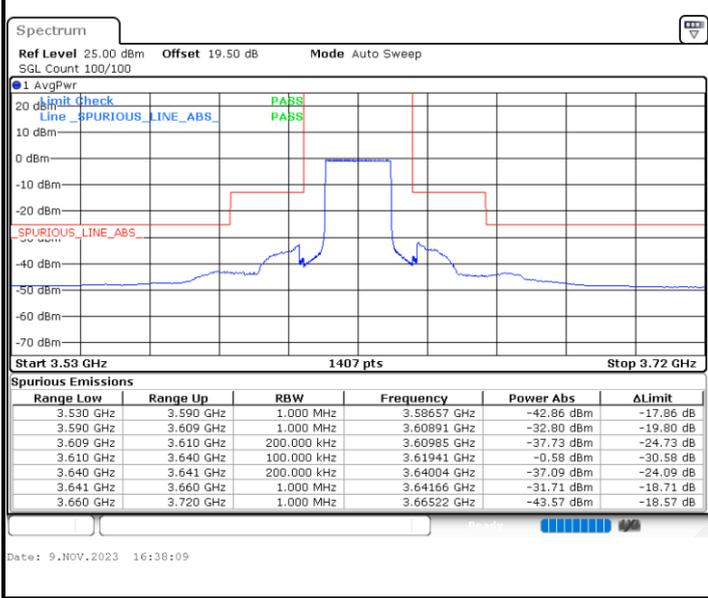
**Middle Channel / 1RB0**



**Middle Channel / 1RBmax**



**Middle Channel / FullRB**



**N/A**

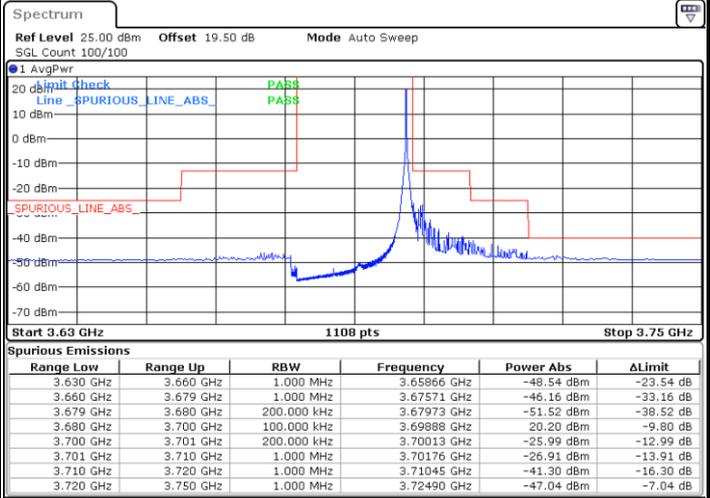
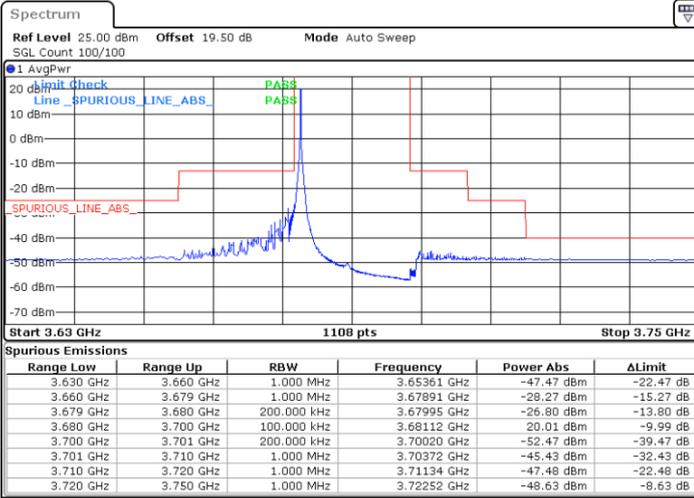


LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

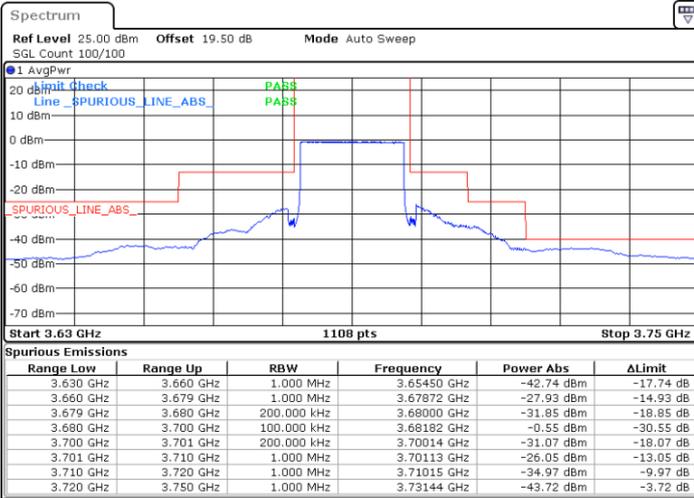


Date: 9.NOV.2023 15:59:01

Date: 9.NOV.2023 16:18:28

Highest Channel / FullRB

N/A



Date: 9.NOV.2023 16:48:31

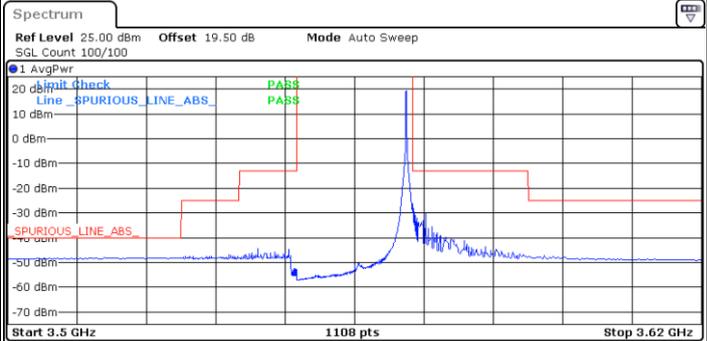
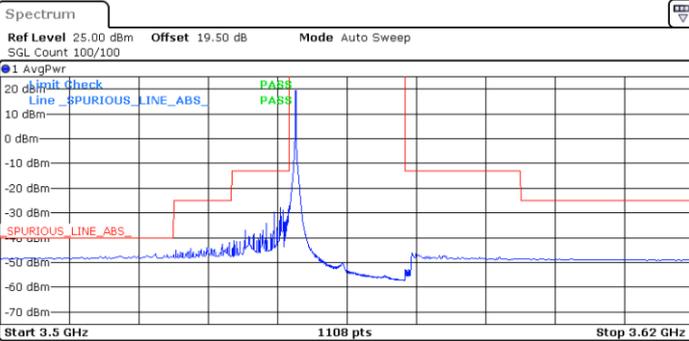


LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52688 GHz	-46.56 dBm	-6.56 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53965 GHz	-41.98 dBm	-16.98 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54851 GHz	-27.79 dBm	-14.79 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54994 GHz	-27.04 dBm	-14.04 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55112 GHz	19.34 dBm	-10.66 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57007 GHz	-52.76 dBm	-39.76 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57129 GHz	-46.00 dBm	-33.00 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59045 GHz	-48.46 dBm	-23.46 dB

Spurious Emissions

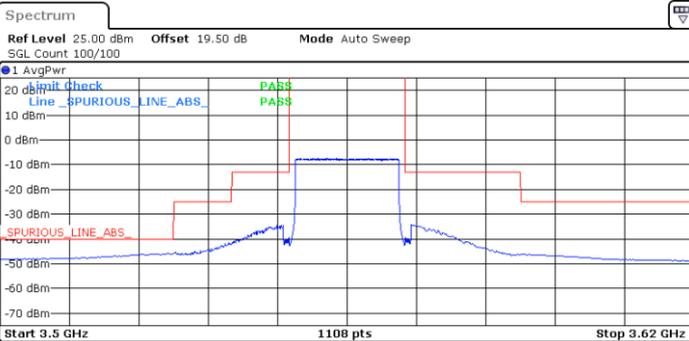
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51678 GHz	-47.99 dBm	-7.99 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53837 GHz	-46.94 dBm	-21.94 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54325 GHz	-44.49 dBm	-31.49 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54972 GHz	-52.43 dBm	-39.43 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	19.43 dBm	-10.57 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-26.50 dBm	-13.50 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57222 GHz	-30.35 dBm	-17.35 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59282 GHz	-47.36 dBm	-22.36 dB

Date: 9.NOV.2023 15:40:28

Date: 9.NOV.2023 16:07:48

Lowest Channel / FullRB

N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52926 GHz	-45.92 dBm	-5.92 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53955 GHz	-41.48 dBm	-16.48 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-34.39 dBm	-21.39 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54993 GHz	-39.53 dBm	-26.53 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55401 GHz	-7.48 dBm	-37.48 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57008 GHz	-39.60 dBm	-26.60 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-34.22 dBm	-21.22 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59163 GHz	-45.97 dBm	-20.97 dB

Date: 28.NOV.2023 11:32:20

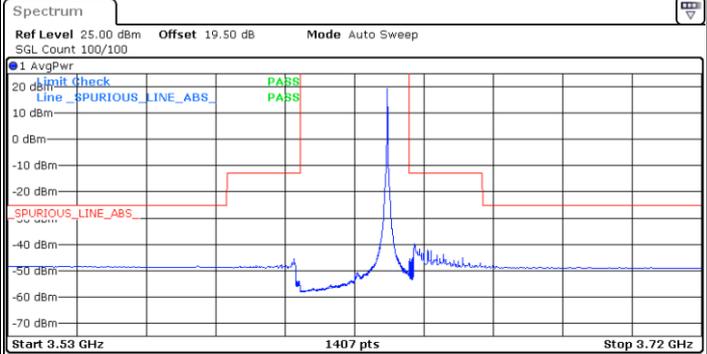
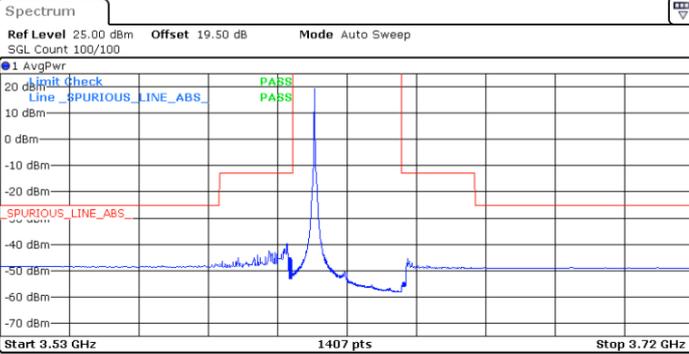


LTE Band 48 / 20MHz

16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58896 GHz	-47.45 dBm	-22.45 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60834 GHz	-39.67 dBm	-26.67 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60974 GHz	-44.95 dBm	-31.95 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	19.35 dBm	-10.65 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64064 GHz	-54.40 dBm	-41.40 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64166 GHz	-45.33 dBm	-32.33 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68672 GHz	-48.76 dBm	-23.76 dB

Spurious Emissions

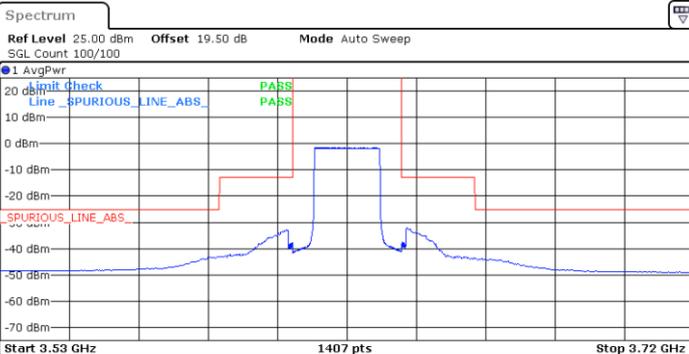
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58209 GHz	-48.25 dBm	-23.25 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60834 GHz	-45.44 dBm	-32.44 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60977 GHz	-53.93 dBm	-40.93 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	19.46 dBm	-10.54 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64075 GHz	-45.08 dBm	-32.08 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-39.67 dBm	-26.67 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66075 GHz	-48.10 dBm	-23.10 dB

Date: 9.NOV.2023 15:54:39

Date: 9.NOV.2023 16:14:12

Middle Channel / FullIRB

N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58985 GHz	-43.09 dBm	-18.09 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60853 GHz	-32.90 dBm	-19.90 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60993 GHz	-37.72 dBm	-24.72 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61831 GHz	-1.57 dBm	-31.57 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64014 GHz	-37.44 dBm	-24.44 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64166 GHz	-32.29 dBm	-19.29 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66045 GHz	-43.86 dBm	-18.86 dB

Date: 9.NOV.2023 16:45:14

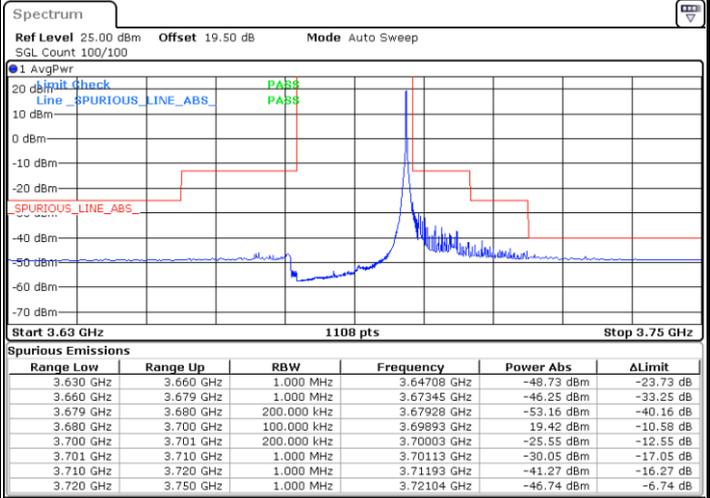
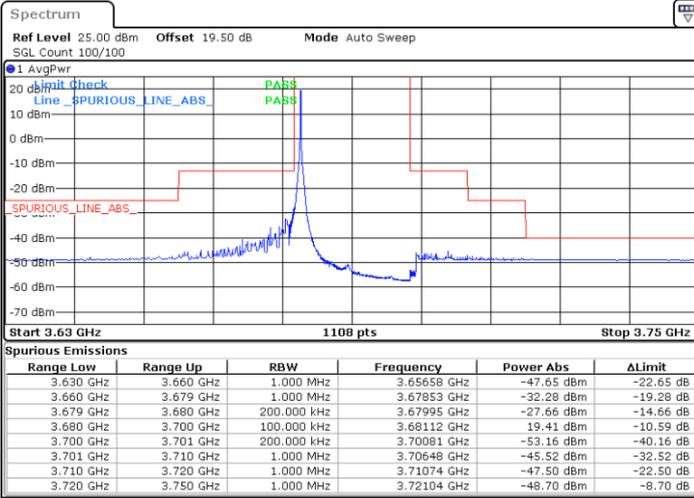


LTE Band 48 / 20MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

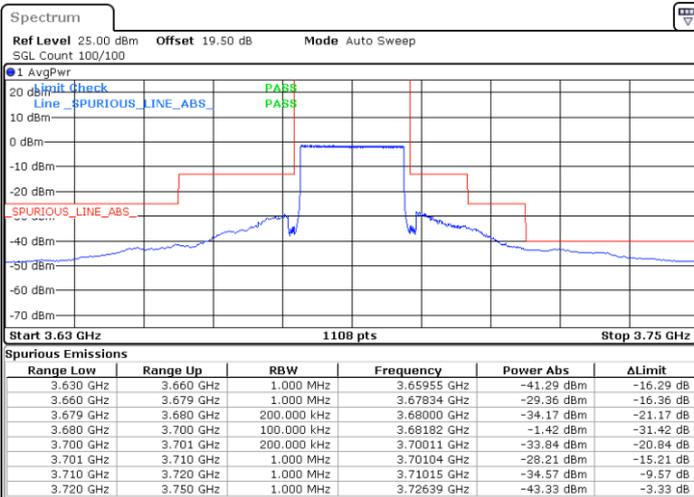


Date: 9.NOV.2023 16:01:03

Date: 9.NOV.2023 16:20:19

Highest Channel / FullRB

N/A



Date: 9.NOV.2023 16:50:21

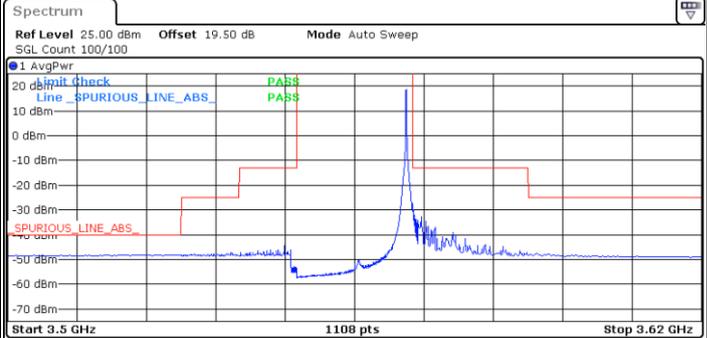
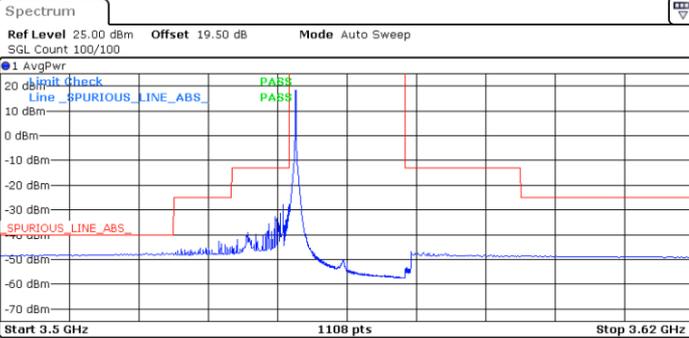


LTE Band 48 / 20MHz

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	3.52807 GHz	-47.36 dBm	-7.36 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53777 GHz	-42.71 dBm	-17.71 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-27.82 dBm	-14.82 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54997 GHz	-27.83 dBm	-14.83 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55112 GHz	18.36 dBm	-11.64 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57029 GHz	-53.22 dBm	-40.22 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-46.74 dBm	-33.74 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-48.58 dBm	-23.58 dB

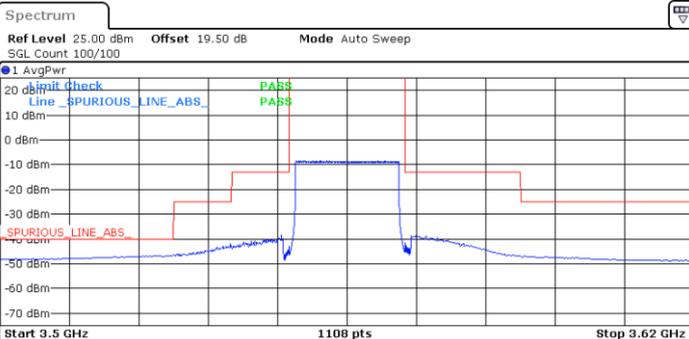
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51678 GHz	-48.11 dBm	-8.11 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53856 GHz	-47.09 dBm	-22.09 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54789 GHz	-44.38 dBm	-31.38 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54951 GHz	-52.84 dBm	-39.84 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	18.51 dBm	-11.49 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57003 GHz	-27.46 dBm	-14.46 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57147 GHz	-32.72 dBm	-19.72 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59163 GHz	-47.49 dBm	-22.49 dB

Date: 9.NOV.2023 15:50:36

Date: 9.NOV.2023 16:09:39

Lowest Channel / FullRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-46.69 dBm	-6.69 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-42.08 dBm	-17.08 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54869 GHz	-38.49 dBm	-25.49 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54996 GHz	-43.00 dBm	-30.00 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55247 GHz	-8.52 dBm	-38.52 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57006 GHz	-41.71 dBm	-28.71 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57373 GHz	-38.74 dBm	-25.74 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59074 GHz	-46.97 dBm	-21.97 dB

Date: 28.NOV.2023 11:34:01

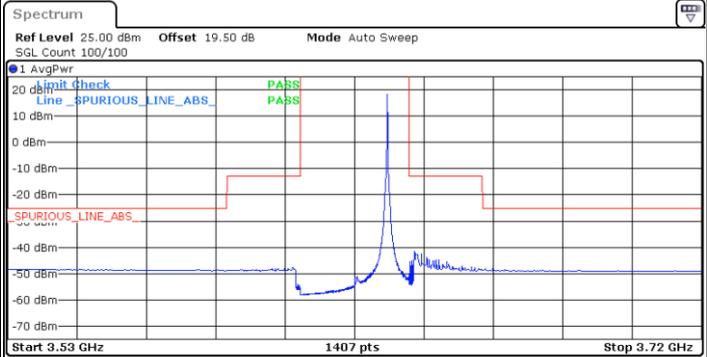
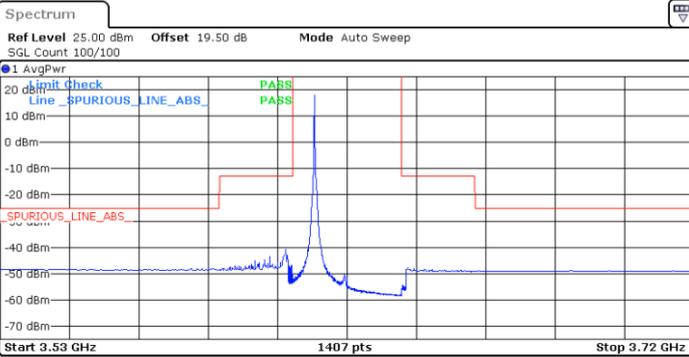


LTE Band 48 / 20MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58776 GHz	-48.04 dBm	-23.04 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60815 GHz	-40.86 dBm	-27.86 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60989 GHz	-46.75 dBm	-33.75 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	18.05 dBm	-11.95 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64007 GHz	-54.55 dBm	-41.55 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64147 GHz	-47.89 dBm	-34.89 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.68612 GHz	-48.82 dBm	-23.82 dB

Spurious Emissions

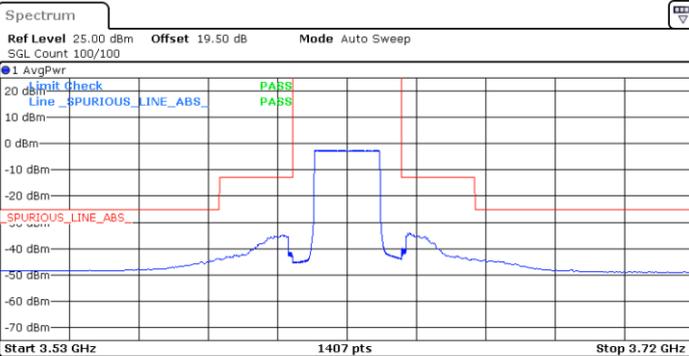
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.53642 GHz	-48.36 dBm	-23.36 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60815 GHz	-47.63 dBm	-34.63 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60945 GHz	-54.14 dBm	-41.14 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	18.37 dBm	-11.63 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64060 GHz	-45.17 dBm	-32.17 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-41.58 dBm	-28.58 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66284 GHz	-48.01 dBm	-23.01 dB

Date: 9.NOV.2023 15:56:59

Date: 9.NOV.2023 16:16:20

Middle Channel / FullIRB

N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58955 GHz	-43.89 dBm	-18.89 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60721 GHz	-34.85 dBm	-21.85 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60950 GHz	-41.35 dBm	-28.35 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61826 GHz	-2.51 dBm	-32.51 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64010 GHz	-39.95 dBm	-26.95 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64147 GHz	-34.13 dBm	-21.13 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66045 GHz	-44.23 dBm	-19.23 dB

Date: 9.NOV.2023 16:41:51

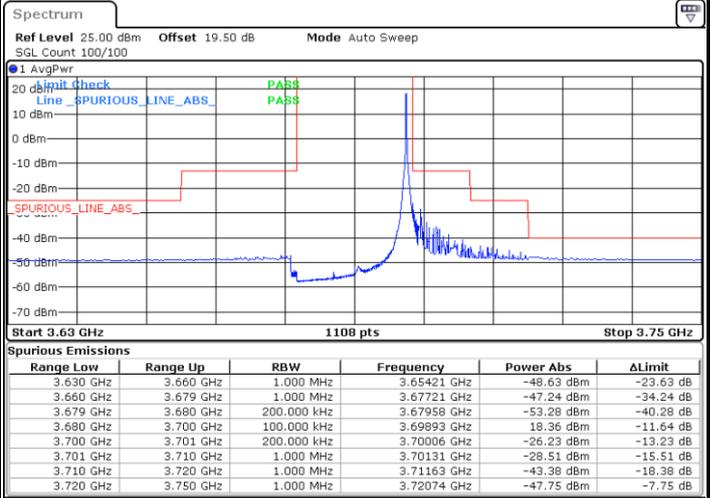
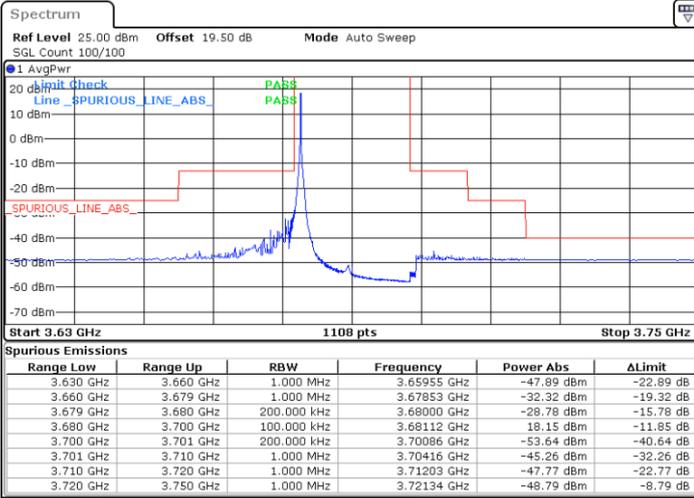


LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

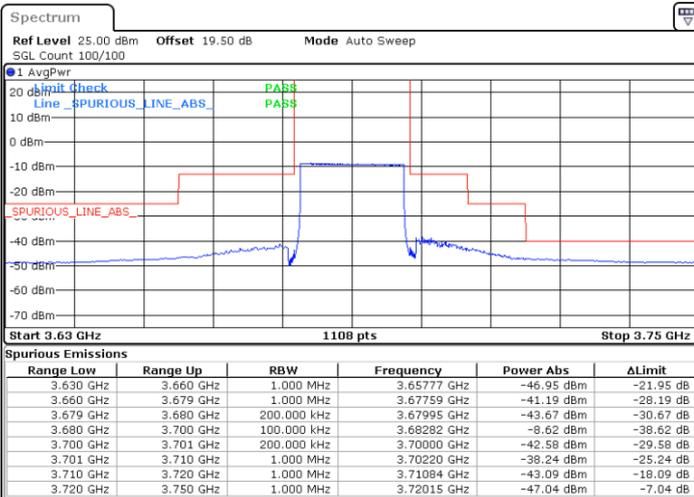


Date: 9.NOV.2023 16:03:08

Date: 9.NOV.2023 16:22:23

Highest Channel / FullRB

N/A



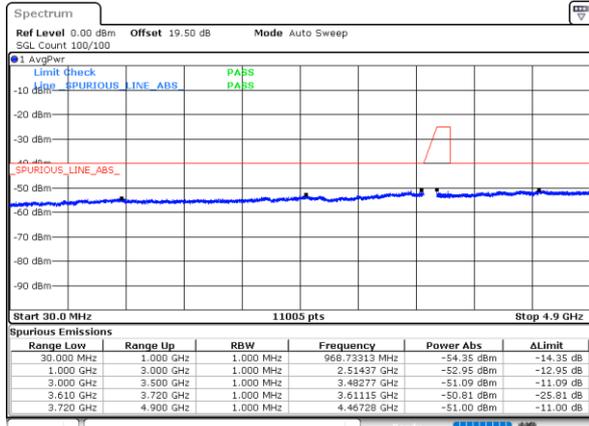
Date: 28.NOV.2023 11:36:14



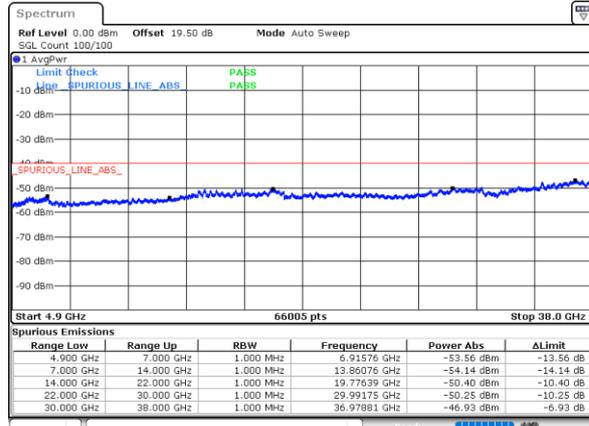
# Conducted Spurious Emission

## LTE Band 48 / 5MHz

### Lowest Channel / QPSK

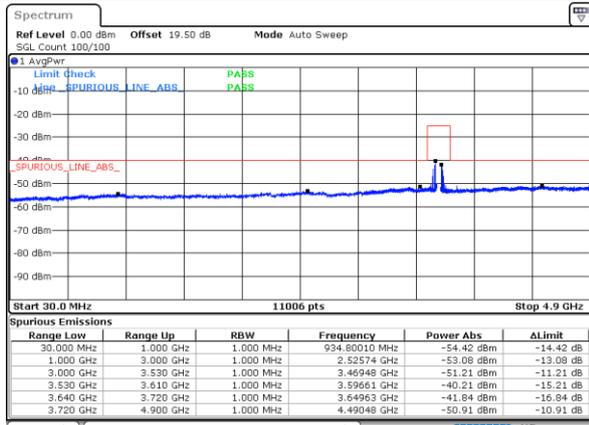


Date: 9.NOV.2023 15:33:32

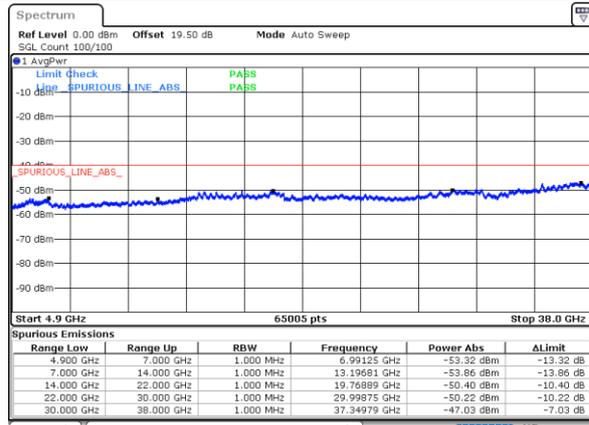


Date: 9.NOV.2023 15:09:21

### Middle Channel / QPSK

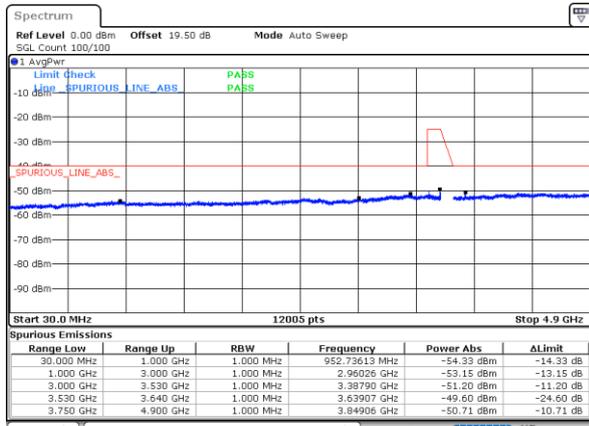


Date: 9.NOV.2023 15:34:00

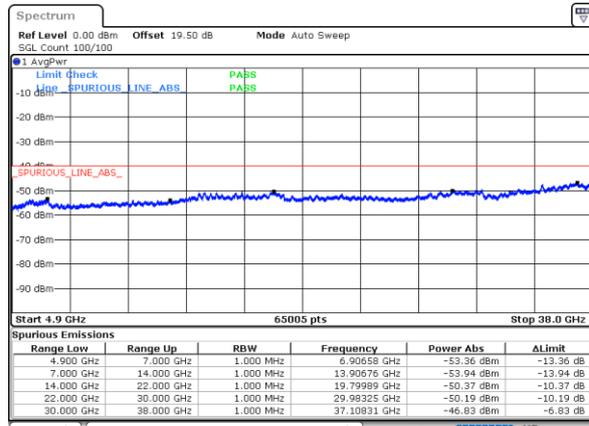


Date: 9.NOV.2023 15:10:45

### Highest Channel / QPSK



Date: 9.NOV.2023 15:34:37

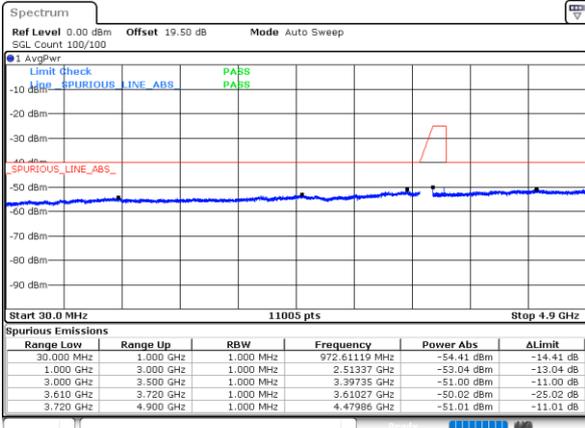


Date: 9.NOV.2023 15:12:07

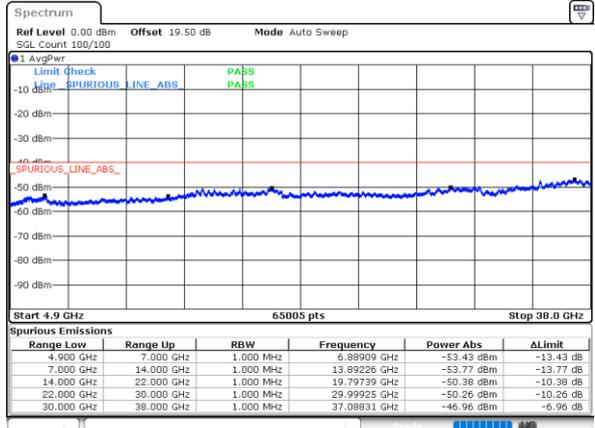


LTE Band 48 / 10MHz

Lowest Channel / QPSK

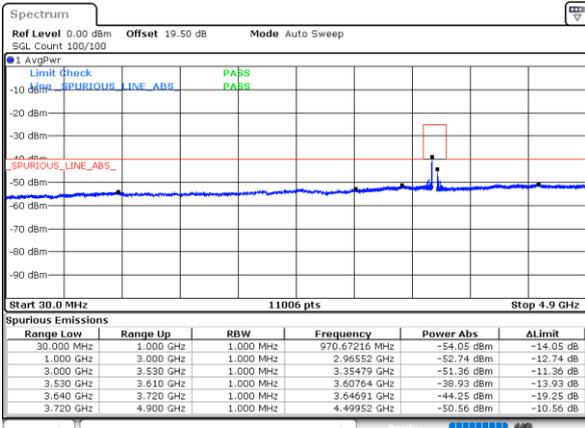


Date: 9,NOV,2023 15:13:146

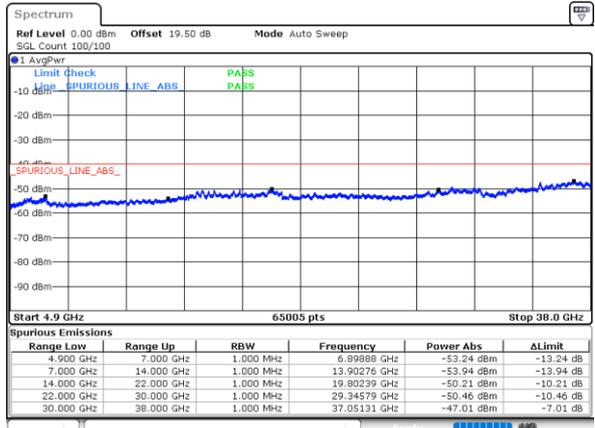


Date: 9,NOV,2023 15:14:13

Middle Channel / QPSK

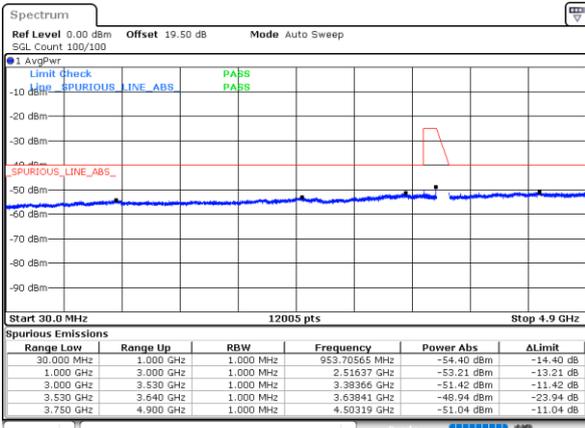


Date: 29,NOV,2023 11:45:55

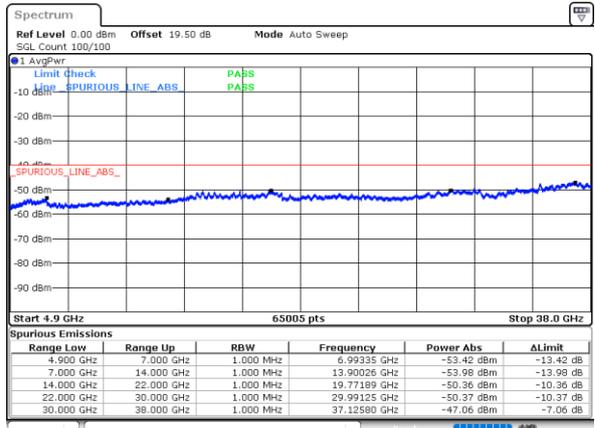


Date: 9,NOV,2023 15:15:36

Highest Channel / QPSK



Date: 9,NOV,2023 15:13:250

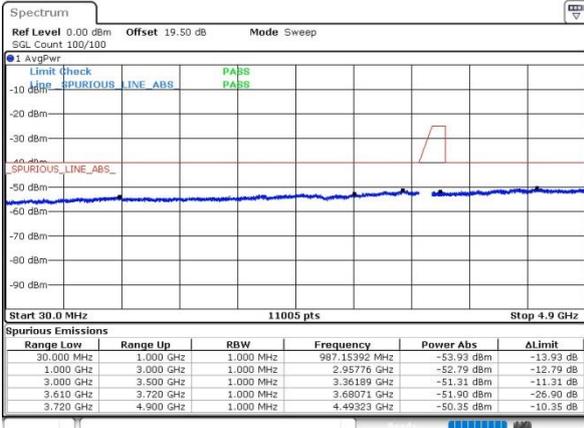


Date: 9,NOV,2023 15:16:47

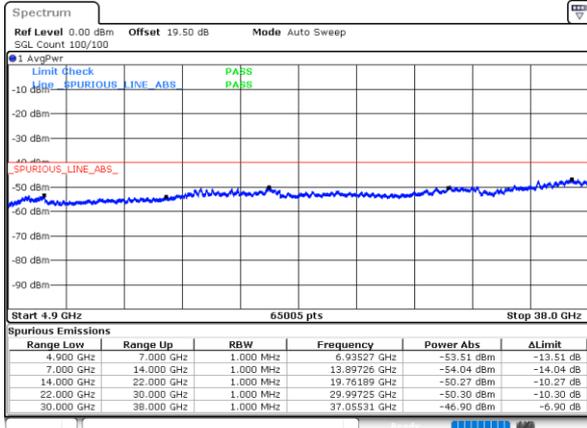


LTE Band 48 / 15MHz

Lowest Channel / QPSK

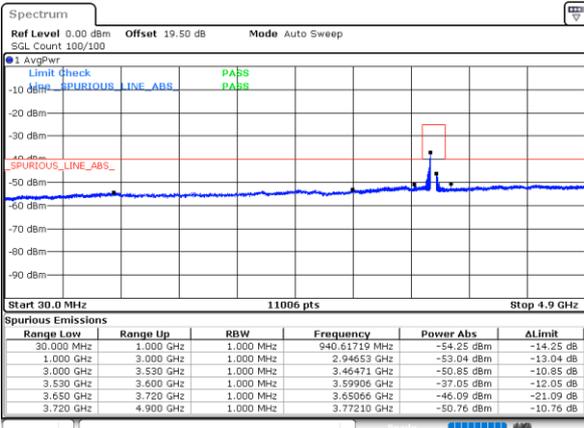


Date: 30.NOV.2023 00:39:39

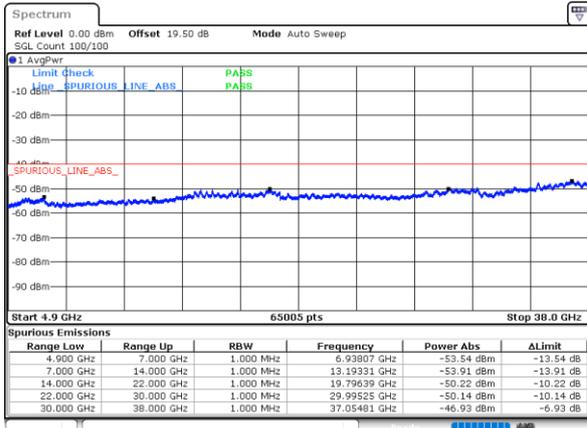


Date: 9.NOV.2023 15:03:40

Middle Channel / QPSK

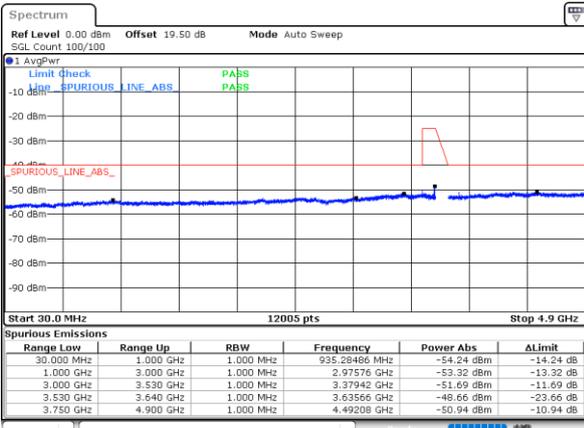


Date: 9.NOV.2023 15:30:20

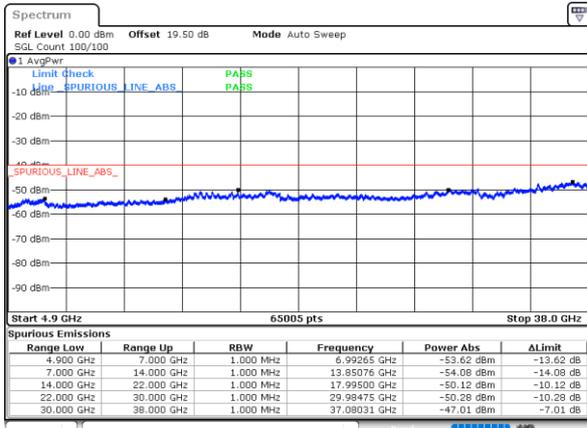


Date: 9.NOV.2023 15:05:01

Highest Channel / QPSK



Date: 9.NOV.2023 15:30:50

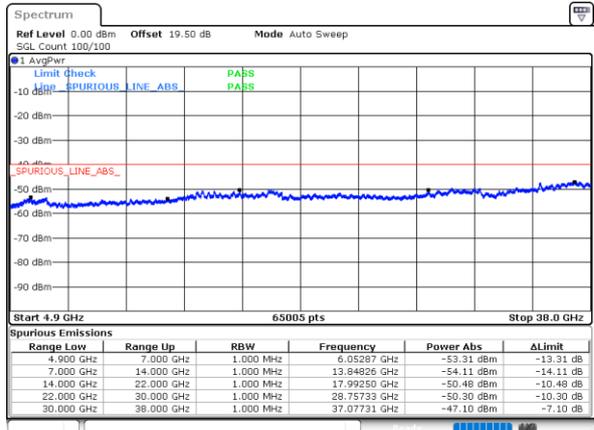
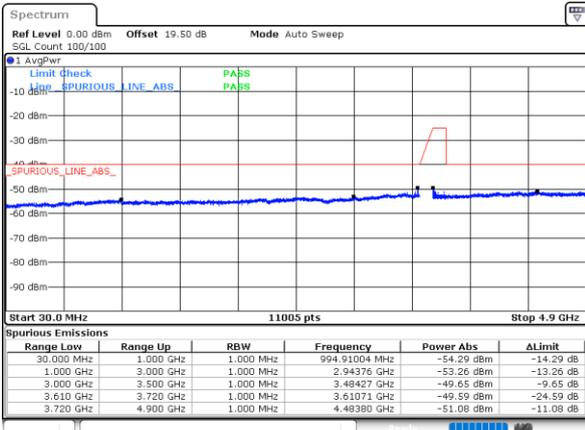


Date: 9.NOV.2023 15:07:41



LTE Band 48 / 20MHz

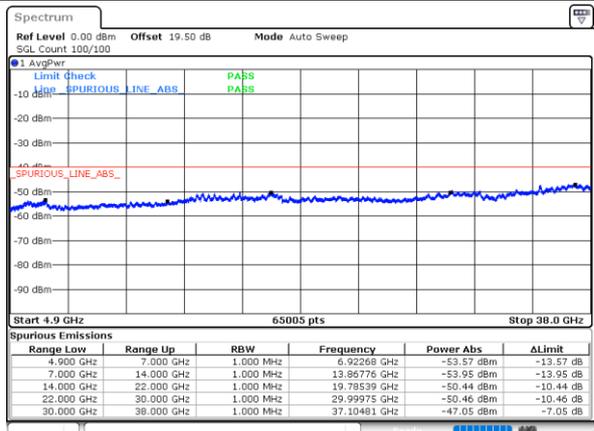
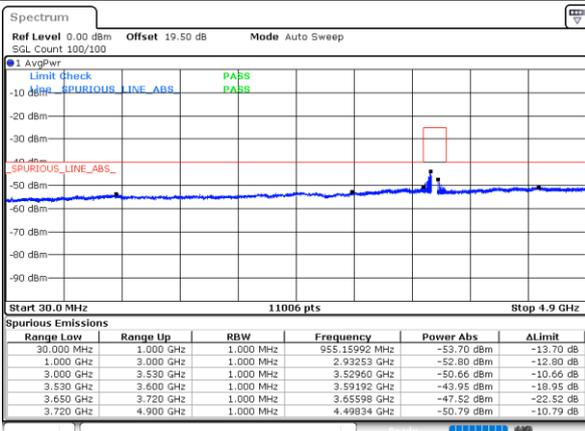
Lowest Channel / QPSK



Date: 9,NOV,2023 15:27:25

Date: 9,NOV,2023 15:20:11

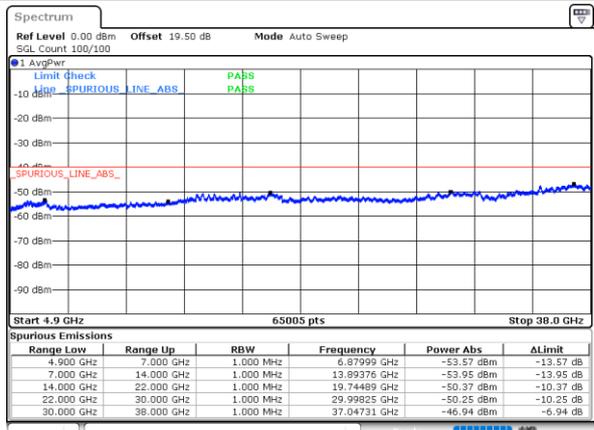
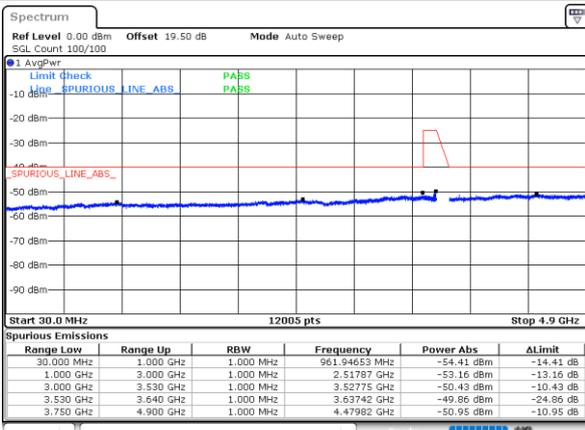
Middle Channel / QPSK



Date: 29,NOV,2023 11:42:44

Date: 9,NOV,2023 15:21:30

Highest Channel / QPSK



Date: 9,NOV,2023 15:25:34

Date: 9,NOV,2023 15:22:49



### Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0003	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0005	

**Note:**

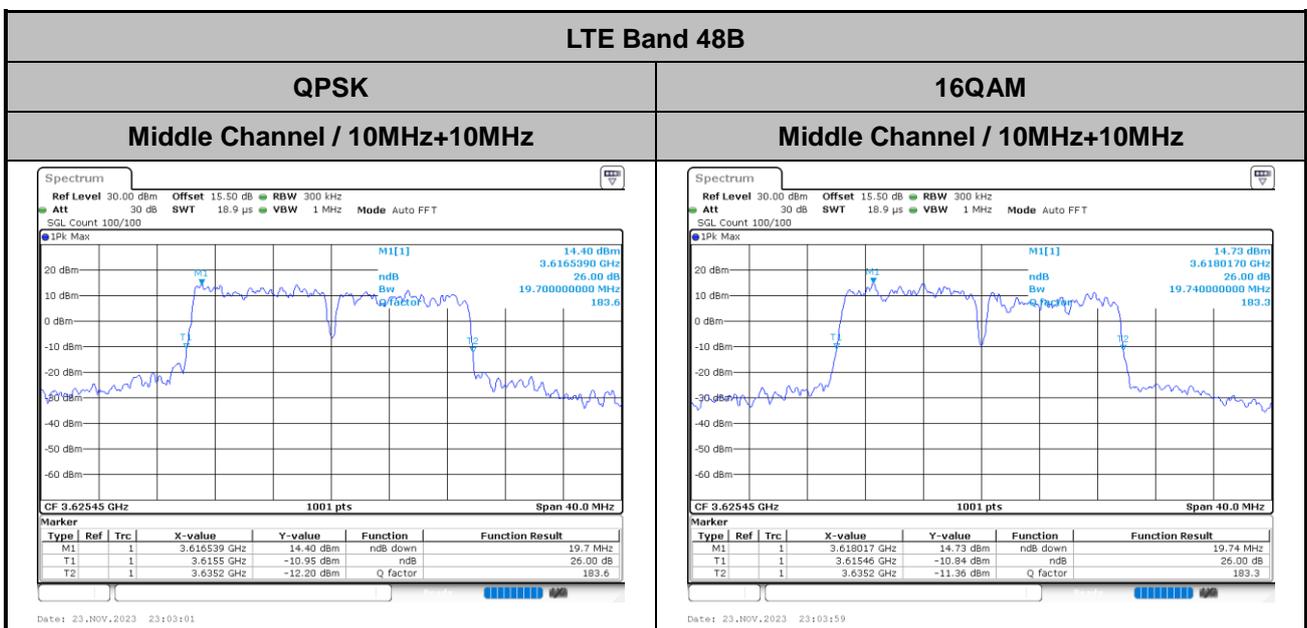
1. Normal Voltage = 7.78 V. ; Battery End Point (BEP) = 7.3 V. ; Maximum Voltage = 8.7 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band CA\_48B

## 26dB Bandwidth

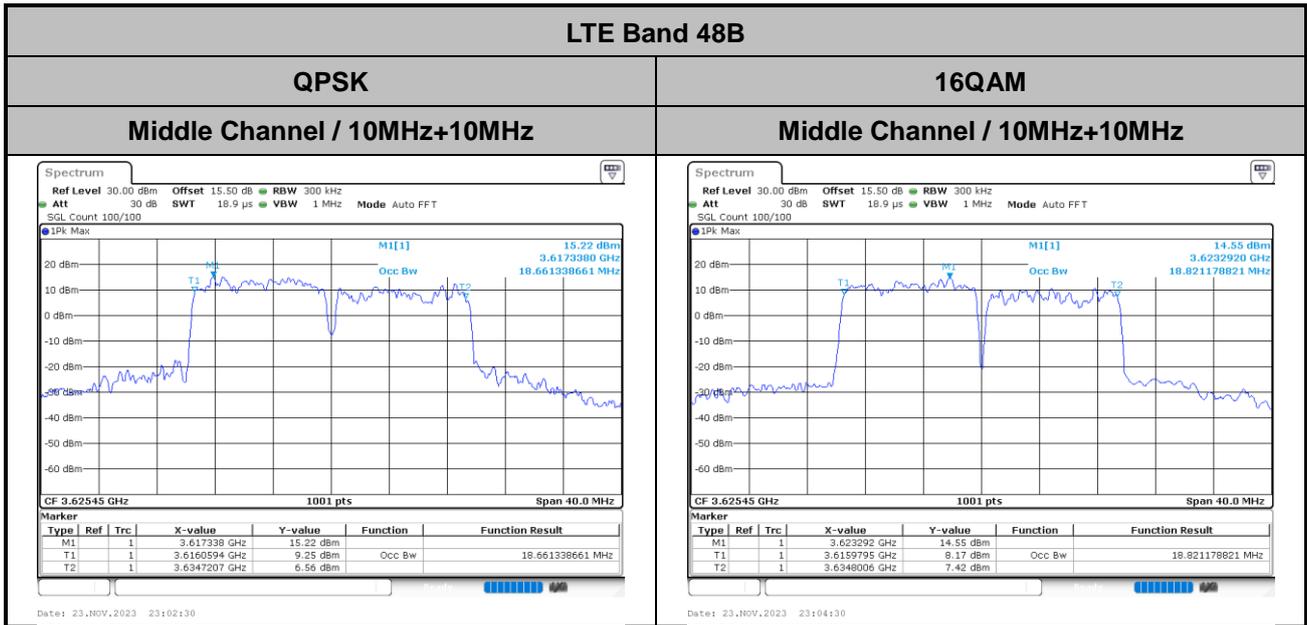
Mode	LTE Band 48B : 26dB BW(MHz)	
	10MHz+10MHz	
BW	QPSK	16QAM
Middle CH	19.70	19.74





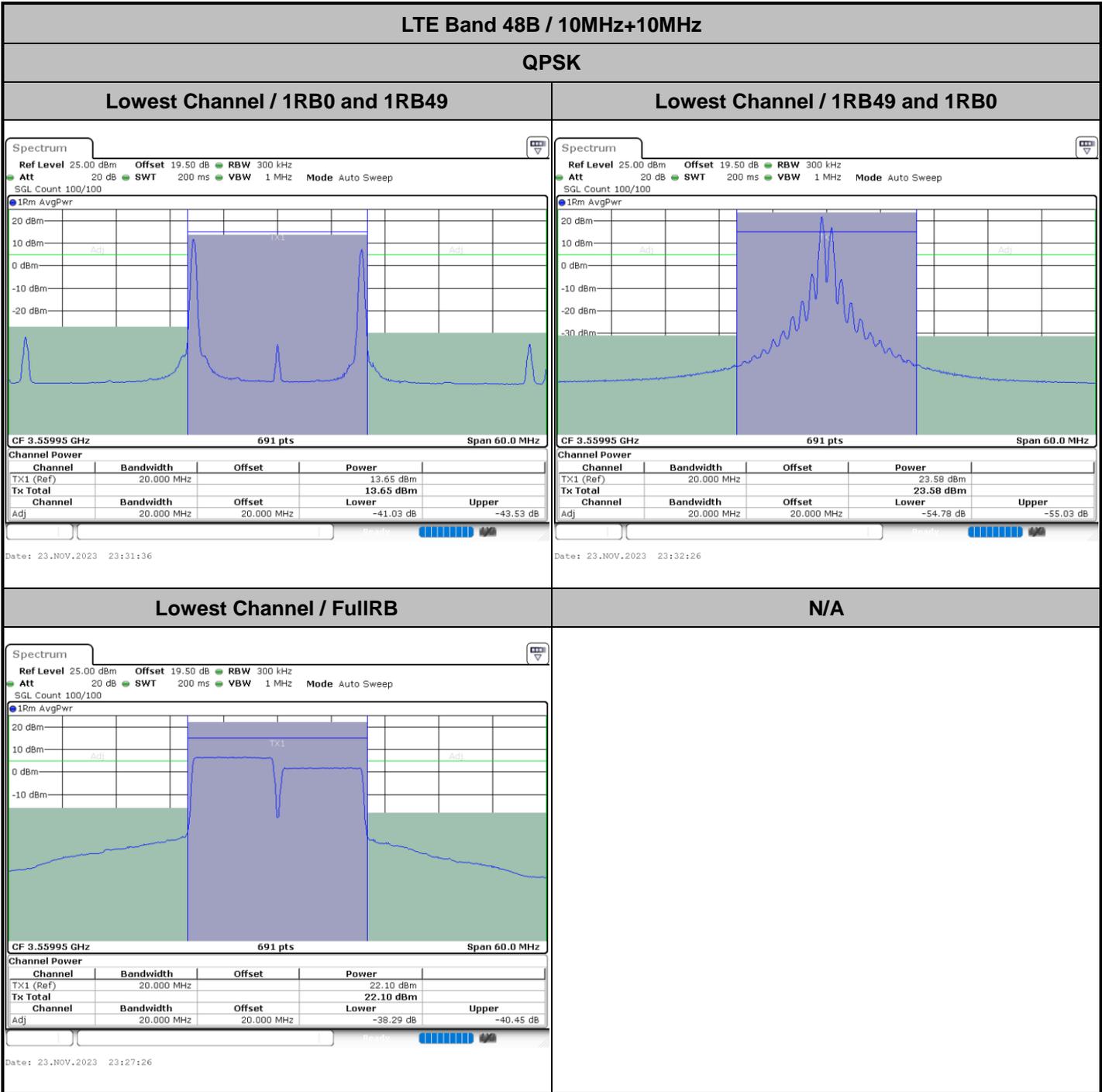
# Occupied Bandwidth

Mode	LTE Band 48B : 99%OBW(MHz)	
	10MHz+10MHz	
BW	QPSK	16QAM
Middle CH	18.66	18.82





**ACLR**



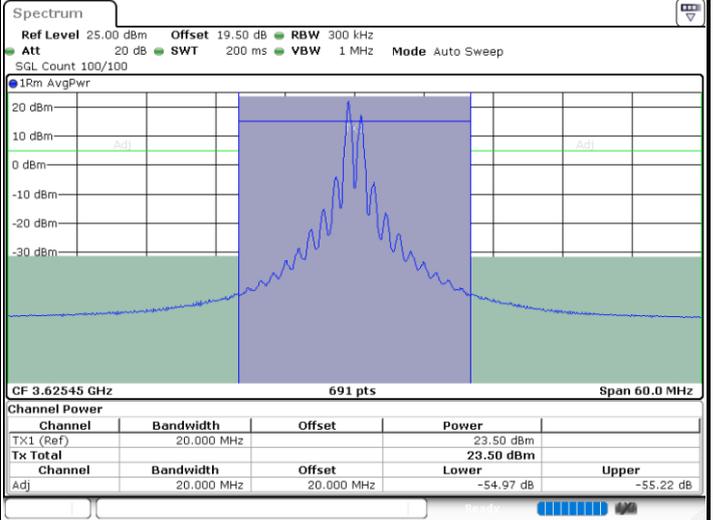
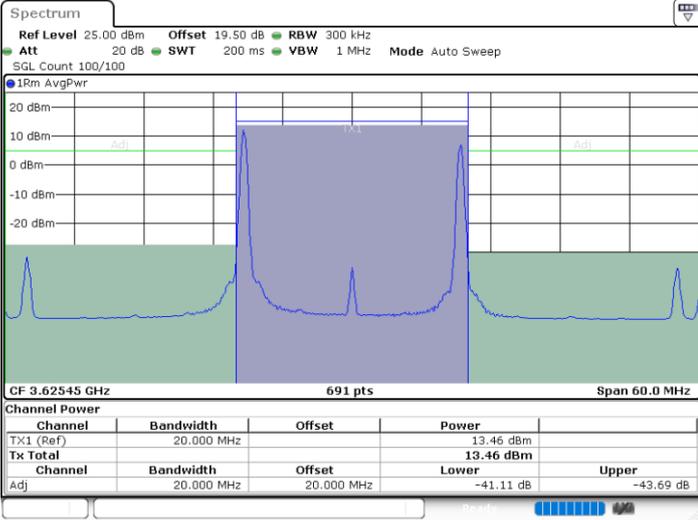


LTE Band 48B / 10MHz+10MHz

QPSK

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0

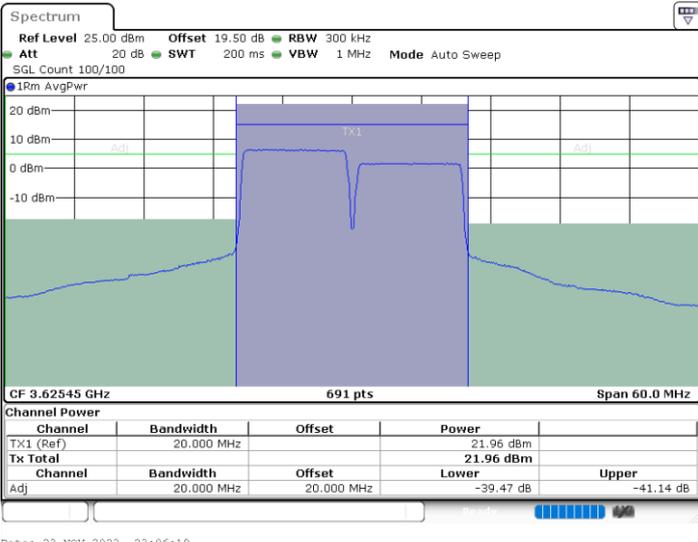


Date: 23.NOV.2023 23:10:27

Date: 23.NOV.2023 23:11:17

Middle Channel / FullIRB

N/A



Date: 23.NOV.2023 23:06:19

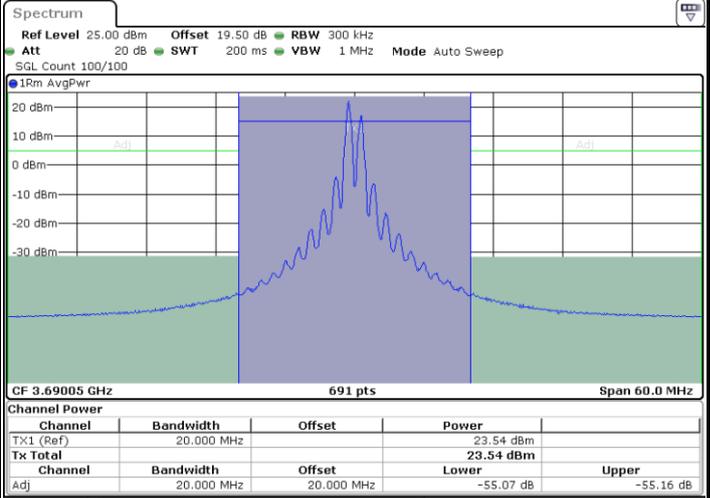
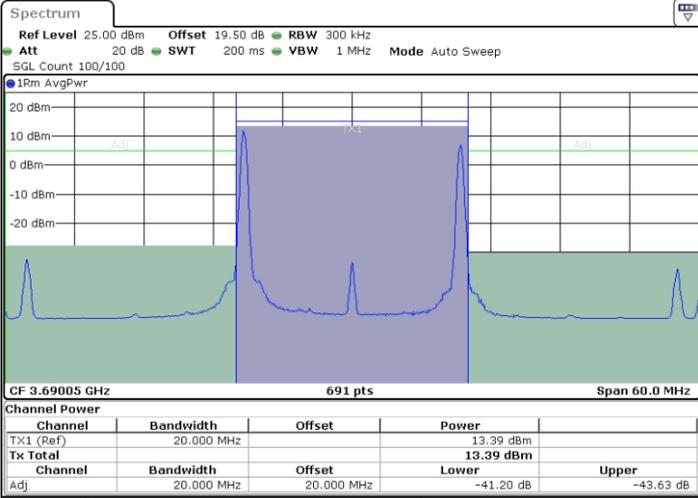


LTE Band 48B / 10MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0

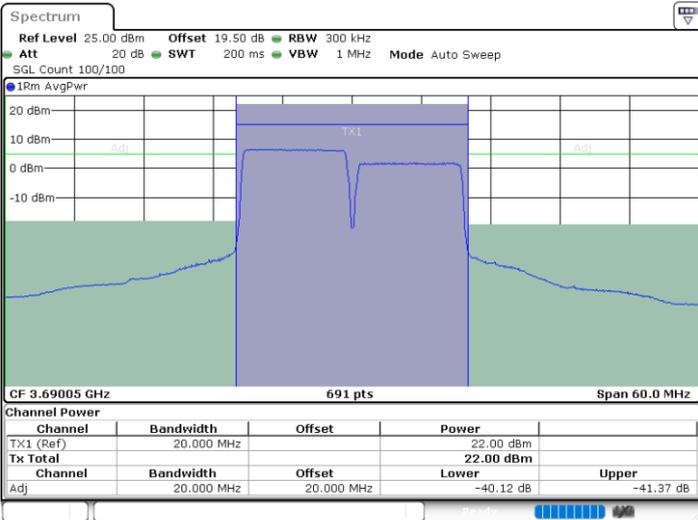


Date: 23.NOV.2023 23:52:34

Date: 23.NOV.2023 23:53:23

Highest Channel / FullRB

N/A



Date: 23.NOV.2023 23:48:26

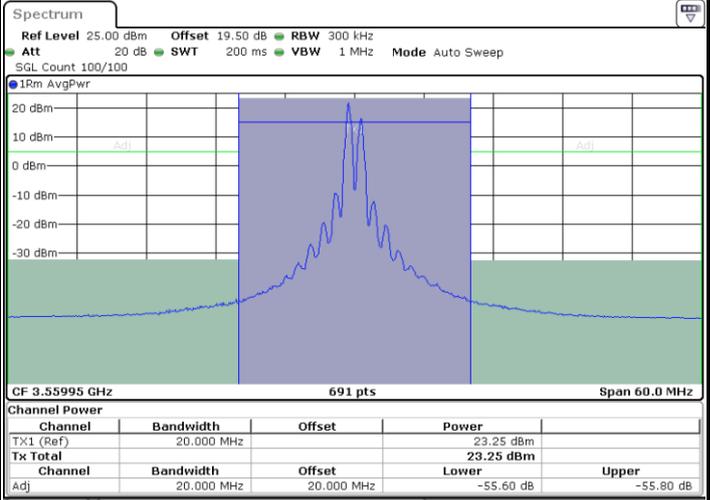
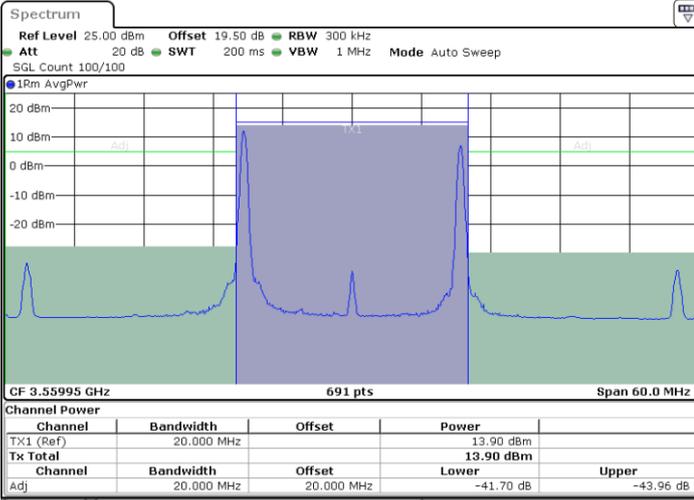


LTE Band 48B / 10MHz+10MHz

16QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0

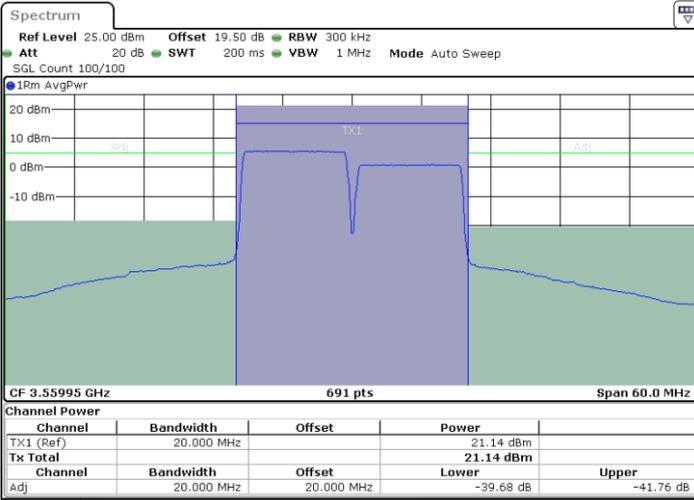


Date: 23.NOV.2023 23:30:47

Date: 23.NOV.2023 23:33:19

Lowest Channel / FullRB

N/A



Date: 23.NOV.2023 23:28:17

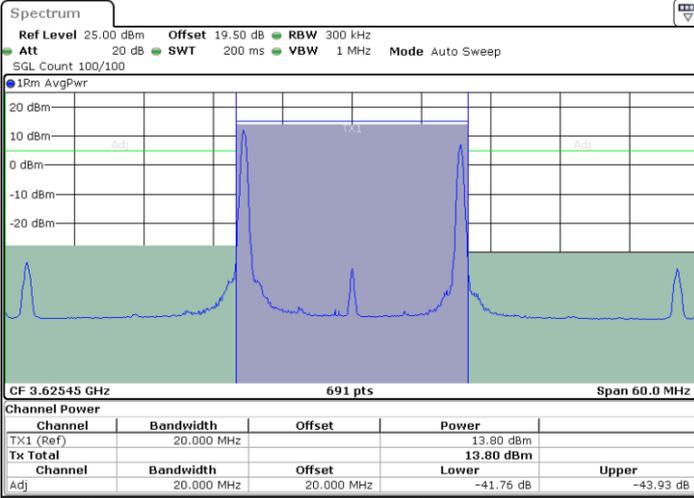


LTE Band 48B / 10MHz+10MHz

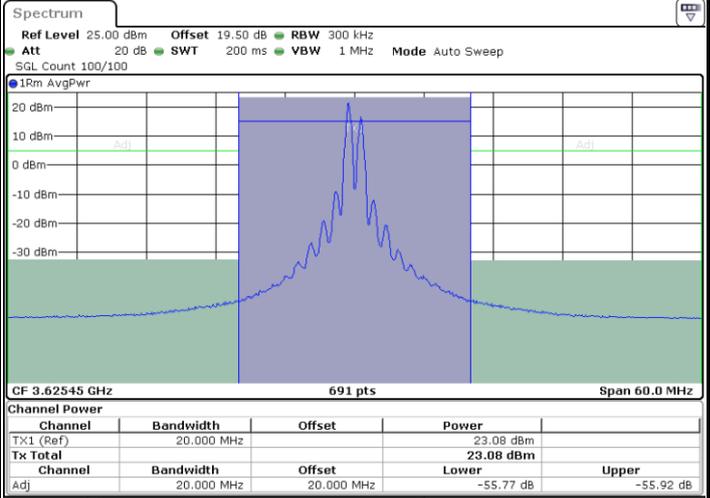
16QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



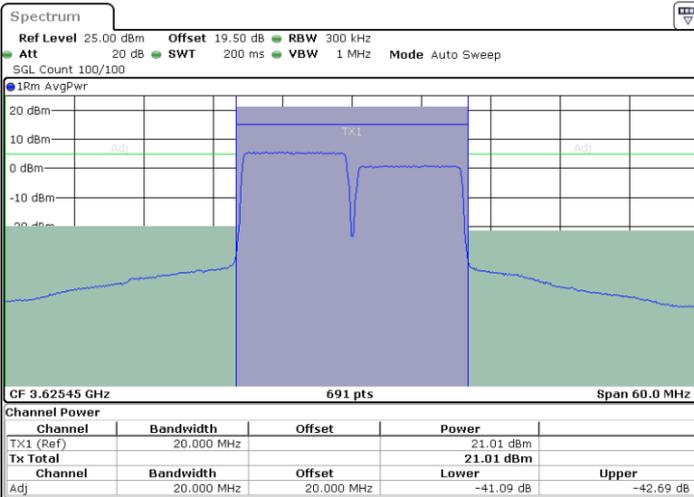
Date: 23.NOV.2023 23:09:38



Date: 23.NOV.2023 23:12:06

Middle Channel / FullIRB

N/A



Date: 23.NOV.2023 23:07:09

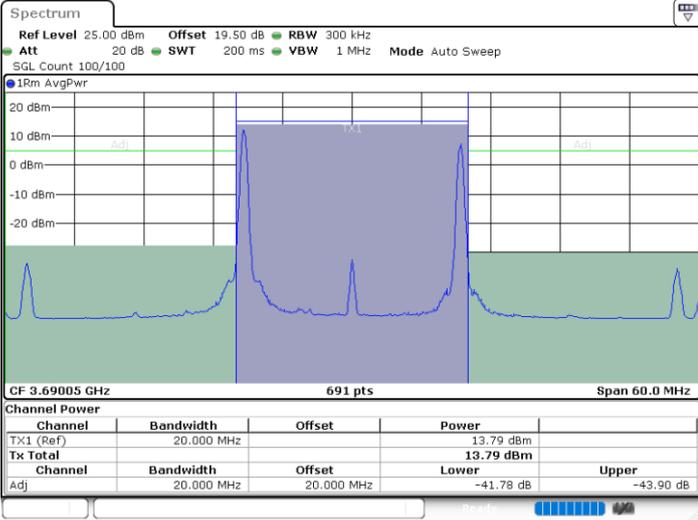


LTE Band 48B / 10MHz+10MHz

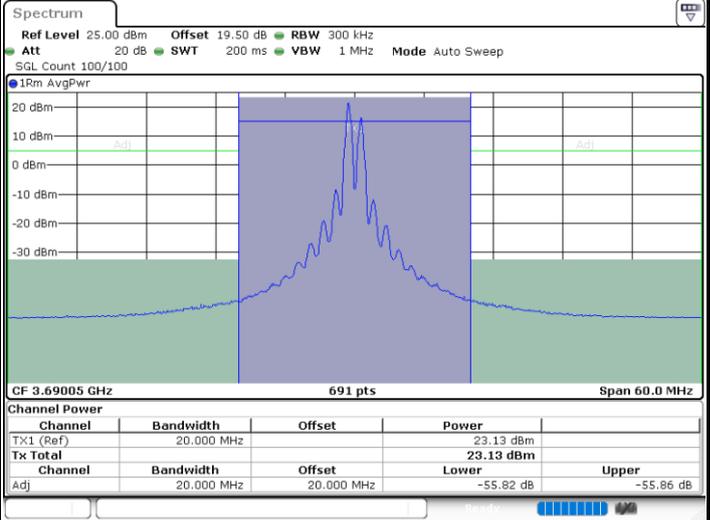
16QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



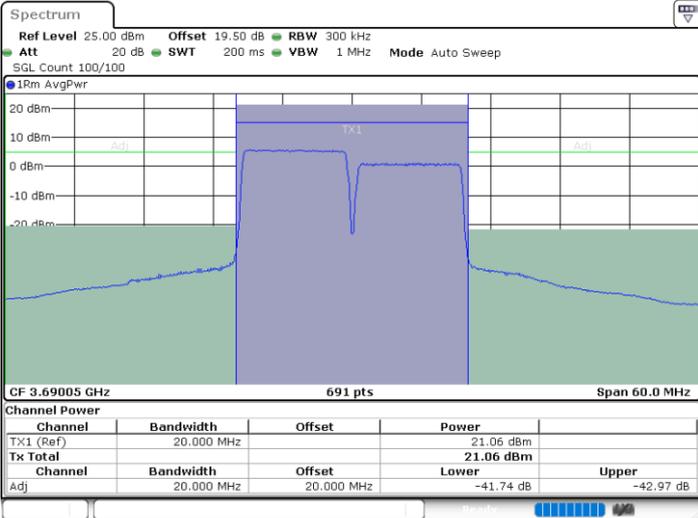
Date: 23.NOV.2023 23:51:44



Date: 23.NOV.2023 23:54:14

Highest Channel / FullRB

N/A



Date: 23.NOV.2023 23:49:15

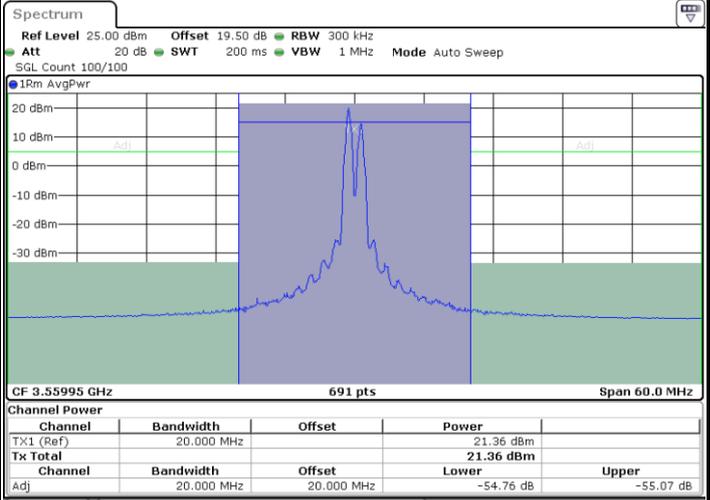
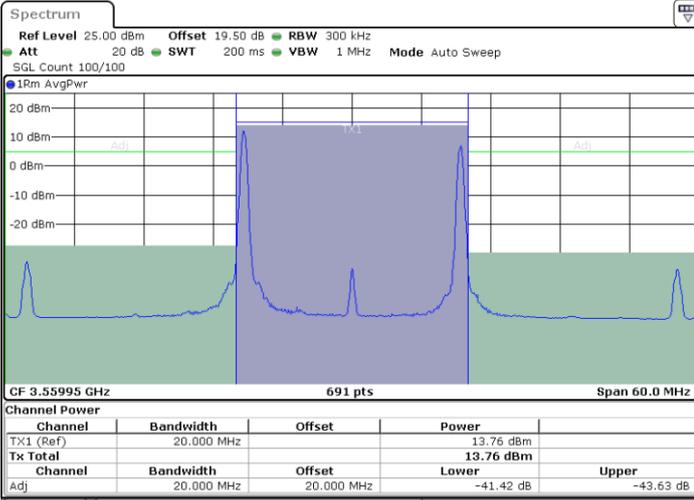


LTE Band 48B / 10MHz+10MHz

64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0

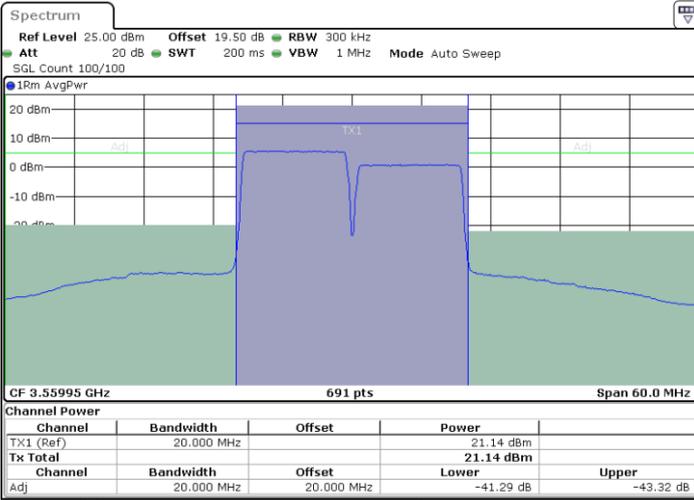


Date: 23.NOV.2023 23:29:56

Date: 23.NOV.2023 23:34:09

Lowest Channel / FullRB

N/A



Date: 23.NOV.2023 23:29:06

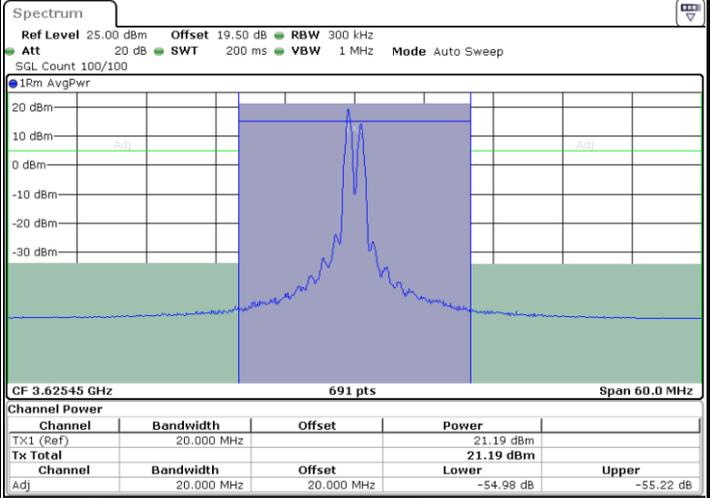
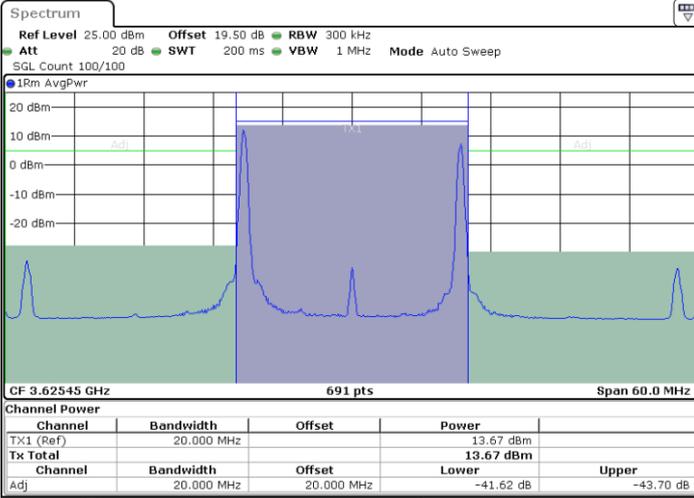


LTE Band 48B / 10MHz+10MHz

64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0

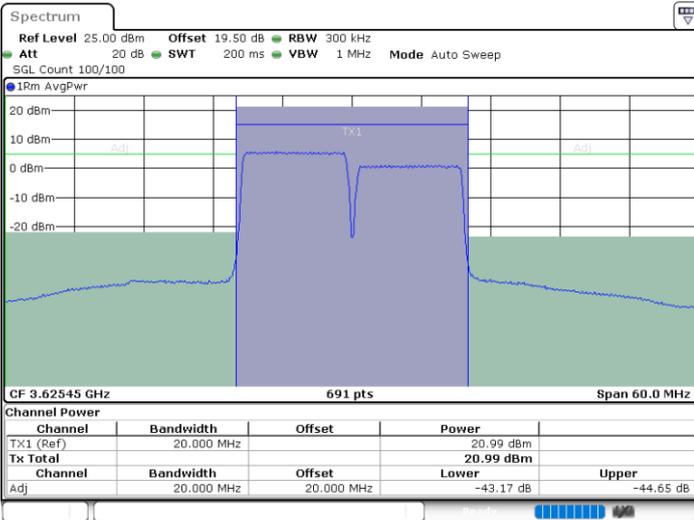


Date: 23.NOV.2023 23:08:48

Date: 23.NOV.2023 23:12:56

Middle Channel / FullIRB

N/A



Date: 23.NOV.2023 23:07:58

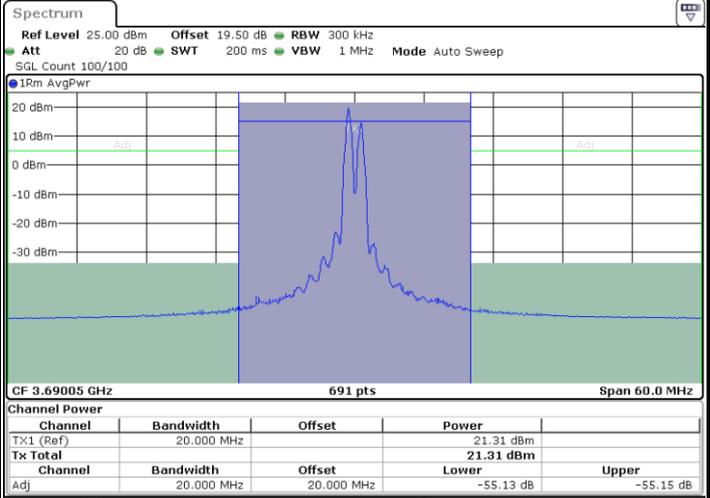
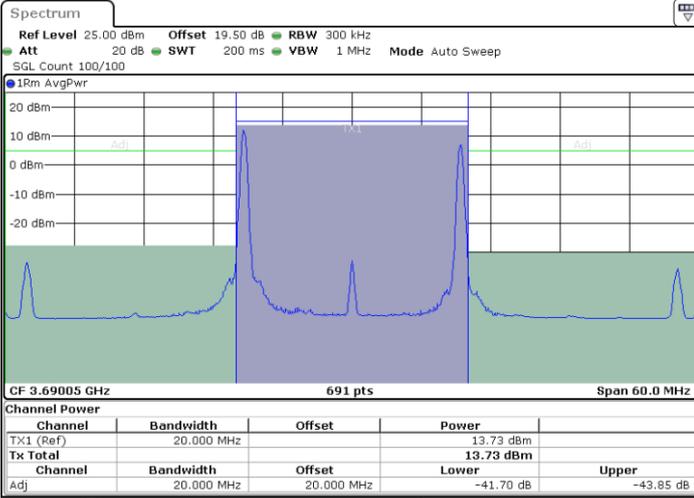


LTE Band 48B / 10MHz+10MHz

64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0

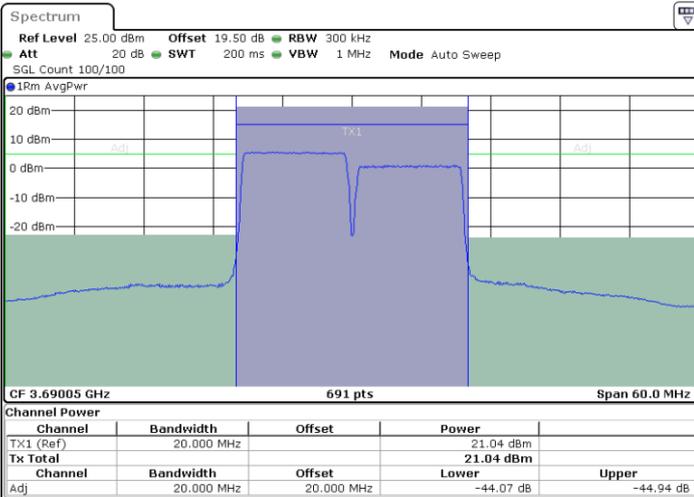


Date: 23.NOV.2023 23:50:54

Date: 23.NOV.2023 23:55:04

Highest Channel / FullRB

N/A



Date: 23.NOV.2023 23:50:05