

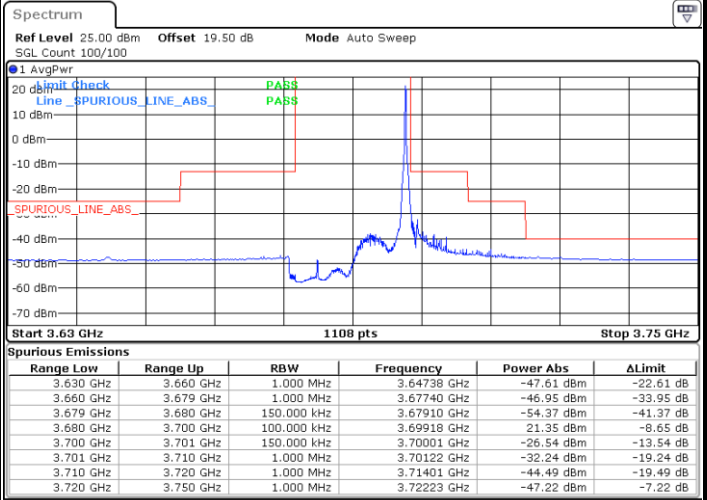
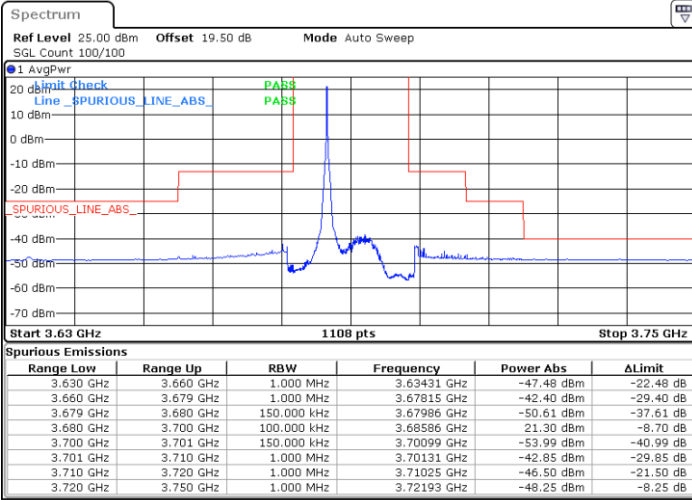


LTE Band 48 / 15MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

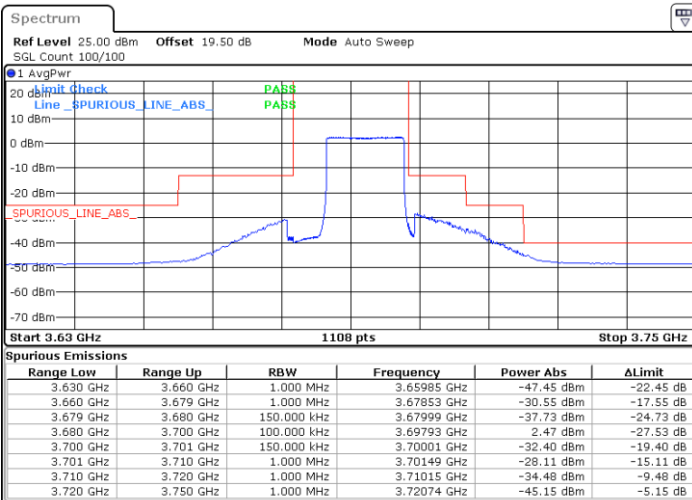


Date: 23.DEC.2023 04:02:26

Date: 23.DEC.2023 04:06:08

Highest Channel / FullRB

N/A



Date: 23.DEC.2023 04:09:50

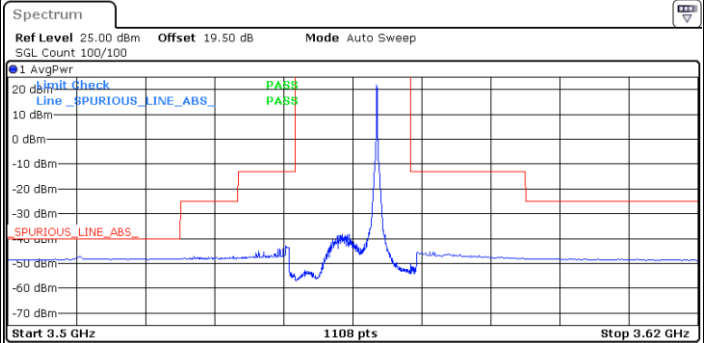
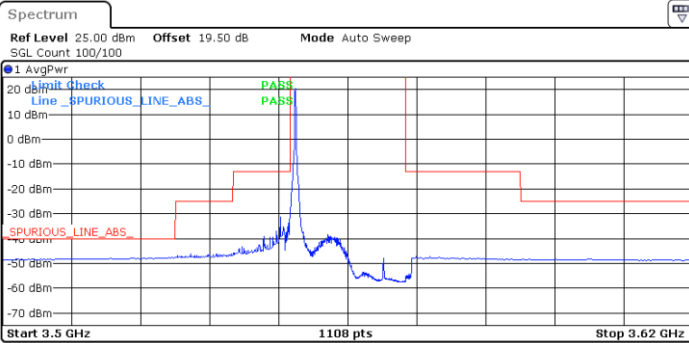


LTE Band 48 / 15MHz

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	3.52896 GHz	-47.51 dBm	-7.51 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-45.97 dBm	-20.97 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54833 GHz	-31.50 dBm	-18.50 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54999 GHz	-28.96 dBm	-15.96 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55087 GHz	20.44 dBm	-9.56 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57062 GHz	-54.10 dBm	-41.10 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57429 GHz	-47.05 dBm	-34.05 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.60233 GHz	-48.31 dBm	-23.31 dB

Spurious Emissions

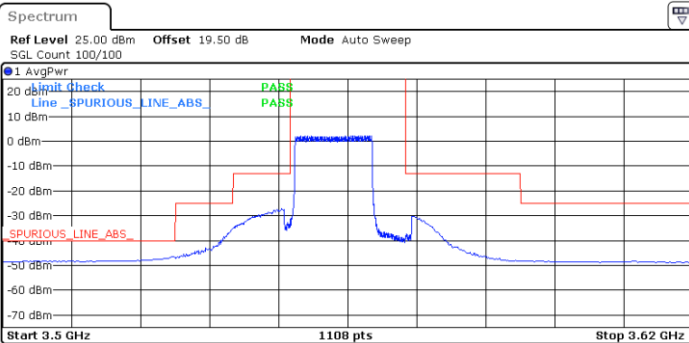
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51262 GHz	-47.32 dBm	-7.32 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53926 GHz	-47.26 dBm	-22.26 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54833 GHz	-42.90 dBm	-29.90 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54917 GHz	-53.63 dBm	-40.63 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56414 GHz	21.70 dBm	-6.30 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57003 GHz	-50.10 dBm	-37.10 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57392 GHz	-45.47 dBm	-32.47 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59223 GHz	-48.12 dBm	-23.12 dB

Date: 23.DEC.2023 03:16:56

Date: 23.DEC.2023 03:23:03

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	-46.36 dBm	-6.36 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-35.04 dBm	-10.04 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54851 GHz	-27.26 dBm	-14.26 dB
3.549 GHz	3.550 GHz	150.000 kHz	3.54999 GHz	-31.27 dBm	-18.27 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56334 GHz	2.09 dBm	-27.91 dB
3.570 GHz	3.571 GHz	150.000 kHz	3.57014 GHz	-37.39 dBm	-24.39 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-30.21 dBm	-17.21 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-48.06 dBm	-23.06 dB

Date: 23.DEC.2023 03:24:17

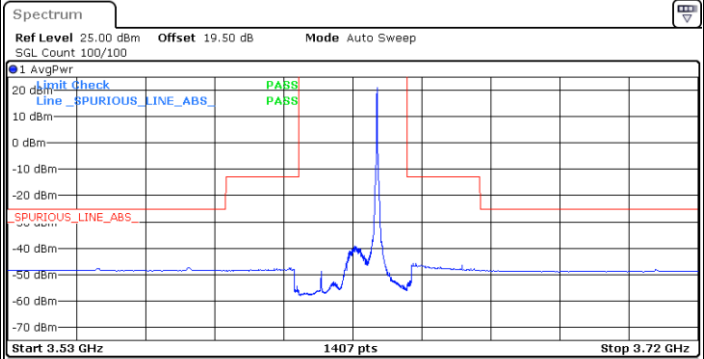
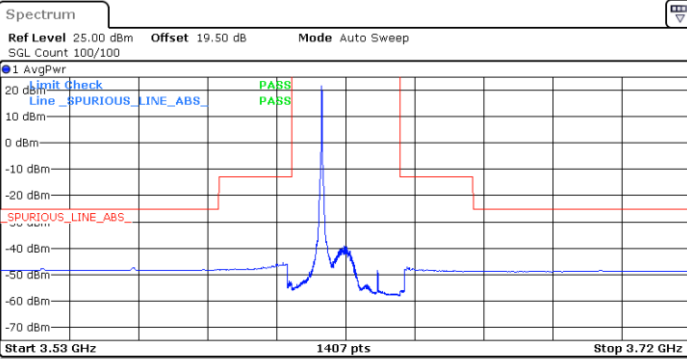


LTE Band 48 / 15MHz

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	3.56657 GHz	-47.38 dBm	-22.38 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60759 GHz	-45.31 dBm	-32.31 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60928 GHz	-52.57 dBm	-39.57 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61836 GHz	21.57 dBm	-8.43 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64070 GHz	-55.94 dBm	-42.94 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64185 GHz	-47.14 dBm	-34.14 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.69507 GHz	-48.33 dBm	-23.33 dB

Spurious Emissions

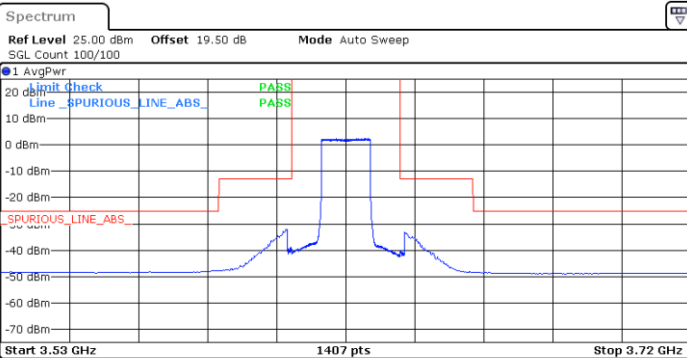
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58000 GHz	-47.46 dBm	-22.46 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60740 GHz	-47.37 dBm	-34.37 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60960 GHz	-54.52 dBm	-41.52 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63169 GHz	21.11 dBm	-8.89 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64099 GHz	-52.33 dBm	-39.33 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64222 GHz	-45.70 dBm	-32.70 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.70851 GHz	-48.08 dBm	-23.08 dB

Date: 2, JAN, 2024 23:35:22

Date: 2, JAN, 2024 23:36:58

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	-47.72 dBm	-22.72 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60853 GHz	-32.12 dBm	-19.12 dB
3.609 GHz	3.610 GHz	150.000 kHz	3.60990 GHz	-38.94 dBm	-25.94 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63109 GHz	2.34 dBm	-27.66 dB
3.640 GHz	3.641 GHz	150.000 kHz	3.64010 GHz	-40.21 dBm	-27.21 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-33.29 dBm	-20.29 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-48.40 dBm	-23.40 dB

Date: 2, JAN, 2024 23:44:55

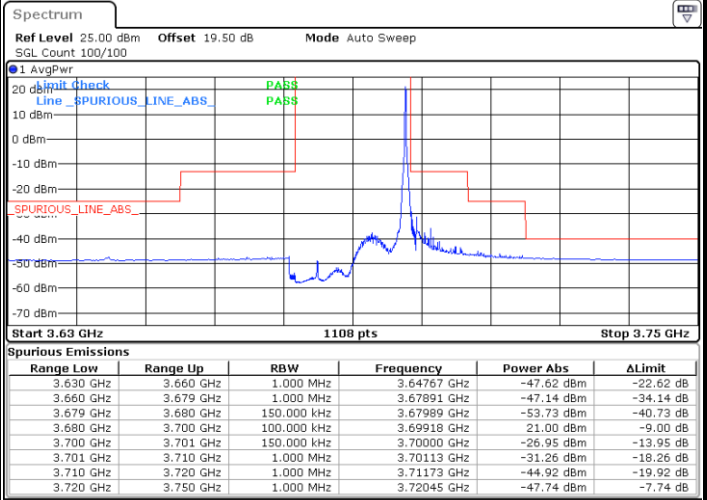
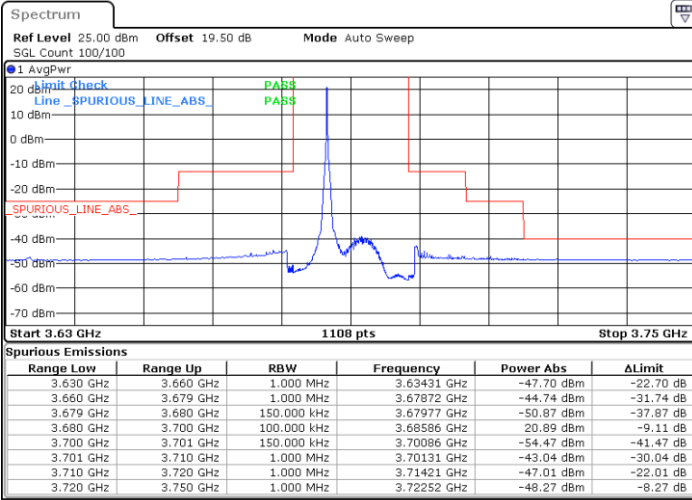


LTE Band 48 / 15MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

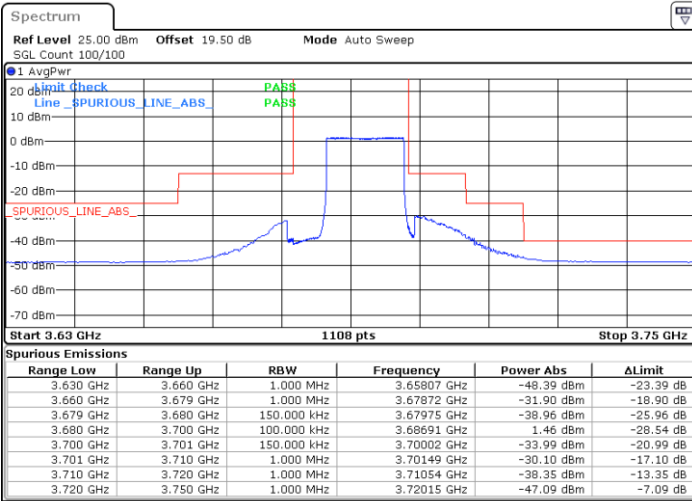


Date: 23.DEC.2023 04:01:12

Date: 23.DEC.2023 04:07:22

Highest Channel / FullRB

N/A



Date: 23.DEC.2023 04:08:36

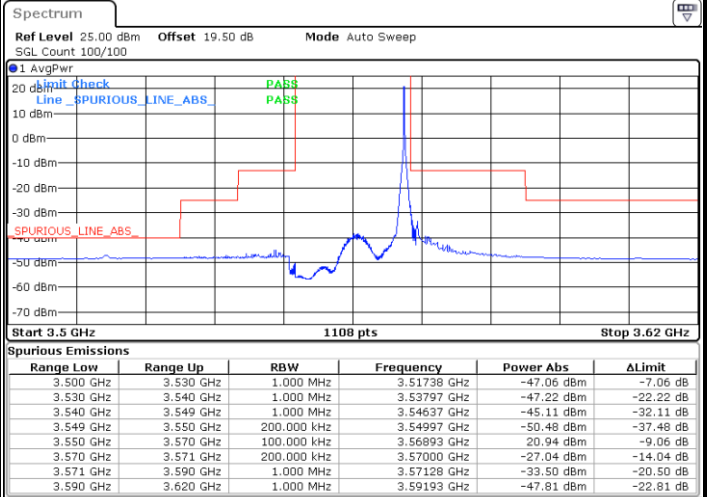
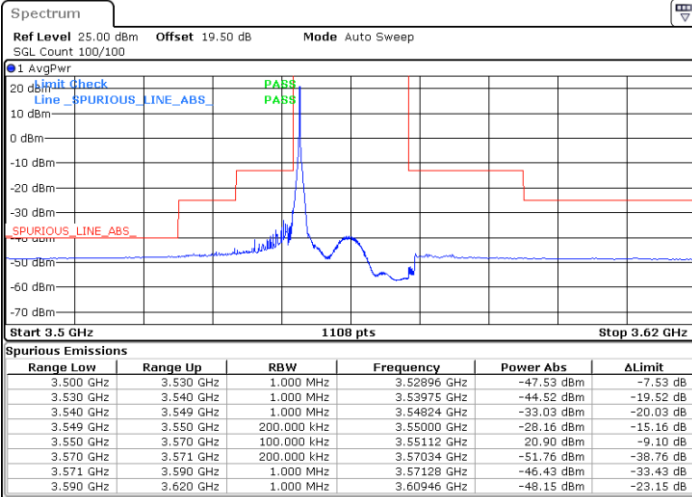


LTE Band 48 / 20MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

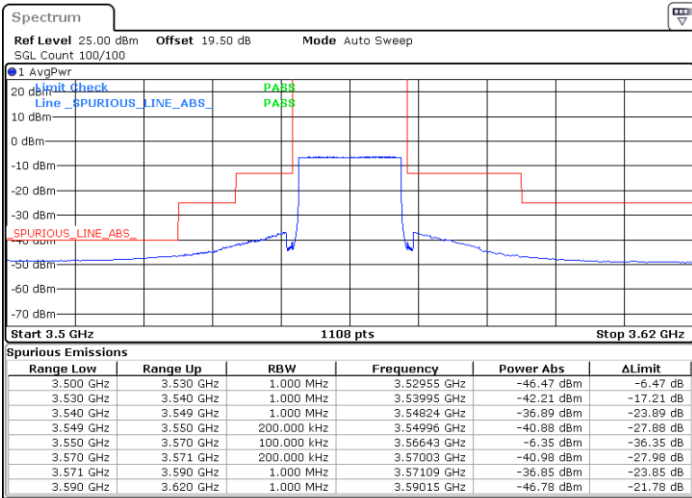


Date: 23.DEC.2023 04:21:17

Date: 23.DEC.2023 04:27:22

Lowest Channel / FullIRB

N/A



Date: 3.JAN.2024 22:47:48

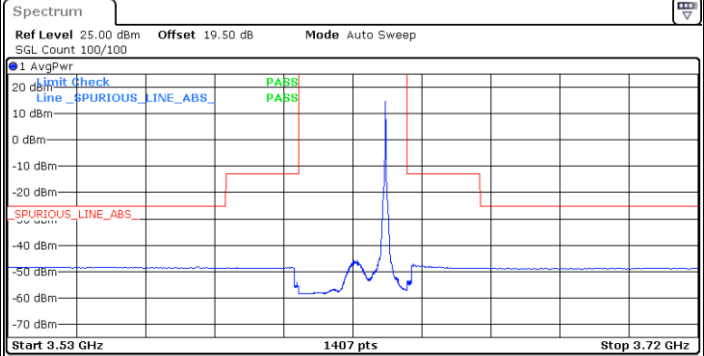
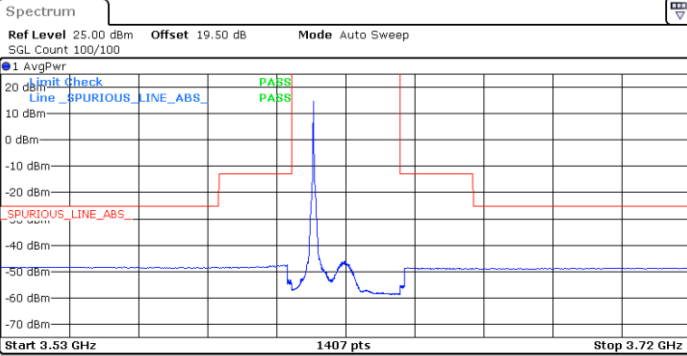


LTE Band 48 / 20MHz

QPSK

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	3.56388 GHz	-48.24 dBm	-23.24 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60797 GHz	-47.26 dBm	-34.26 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60913 GHz	-53.02 dBm	-40.02 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61806 GHz	-14.68 dBm	-15.32 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64095 GHz	-55.43 dBm	-42.43 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64203 GHz	-48.58 dBm	-35.58 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.69269 GHz	-48.67 dBm	-23.67 dB

Spurious Emissions

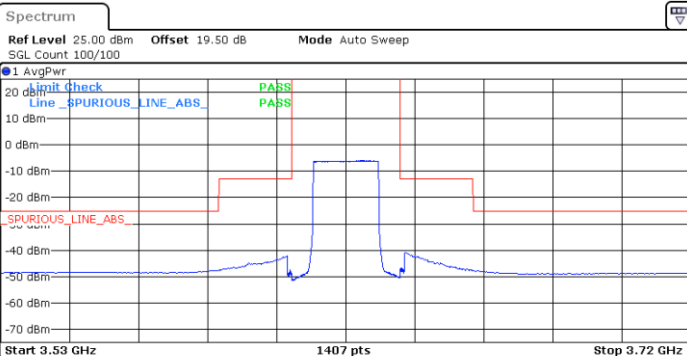
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.58239 GHz	-48.18 dBm	-23.18 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60815 GHz	-48.46 dBm	-35.46 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60955 GHz	-53.92 dBm	-40.92 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63389 GHz	-14.70 dBm	-15.30 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64094 GHz	-53.25 dBm	-40.25 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64147 GHz	-46.98 dBm	-33.98 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.71090 GHz	-48.59 dBm	-23.59 dB

Date: 2, JAN, 2024 23:51:15

Date: 2, JAN, 2024 23:59:09

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	-47.62 dBm	-22.62 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-42.25 dBm	-29.25 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60969 GHz	-47.58 dBm	-34.58 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62989 GHz	-5.95 dBm	-35.95 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64037 GHz	-46.70 dBm	-33.70 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64128 GHz	-40.69 dBm	-27.69 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66015 GHz	-47.65 dBm	-22.65 dB

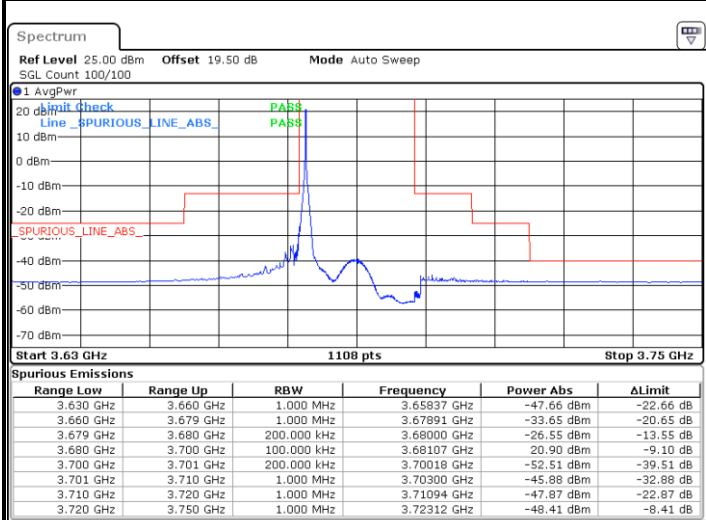
Date: 2, JAN, 2024 23:49:40



LTE Band 48 / 20MHz

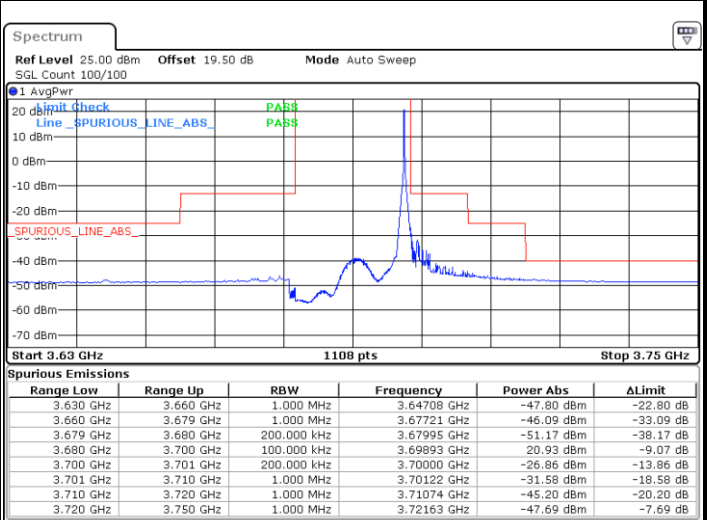
QPSK

Highest Channel / 1RB0



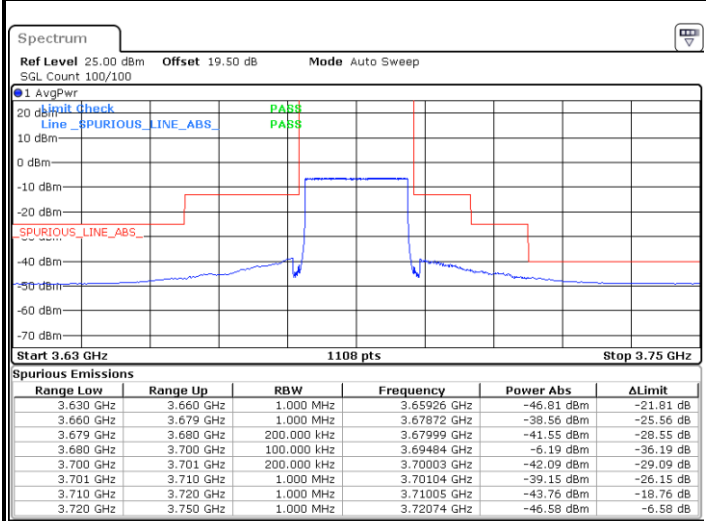
Date: 23.DEC.2023 05:07:18

Highest Channel / 1RBmax



Date: 23.DEC.2023 05:13:25

Highest Channel / FullRB



Date: 3.JAN.2024 22:49:23

N/A

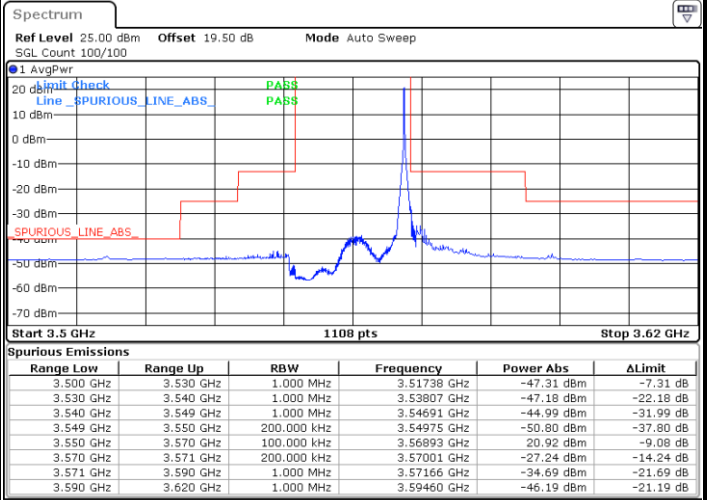
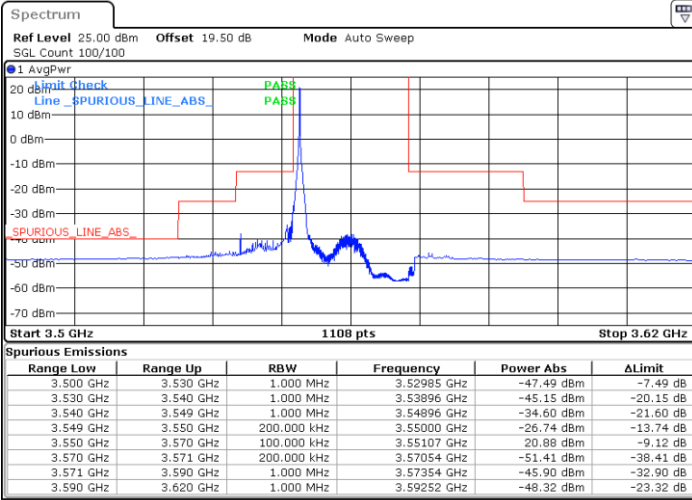


LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

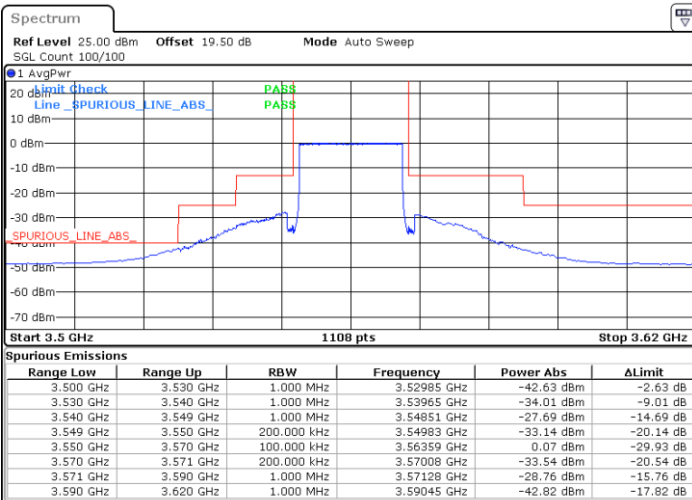


Date: 23.DEC.2023 04:22:30

Date: 23.DEC.2023 04:26:09

Lowest Channel / FullRB

N/A



Date: 23.DEC.2023 04:29:48

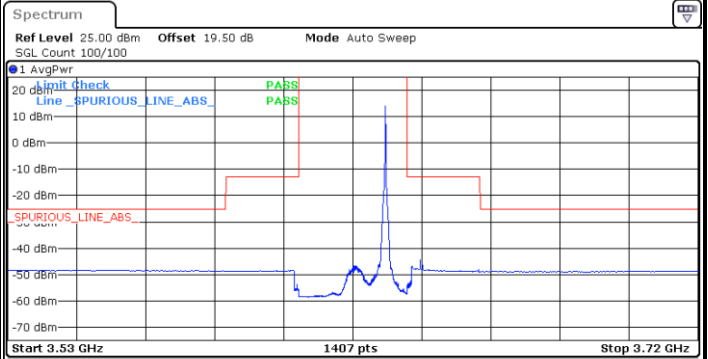
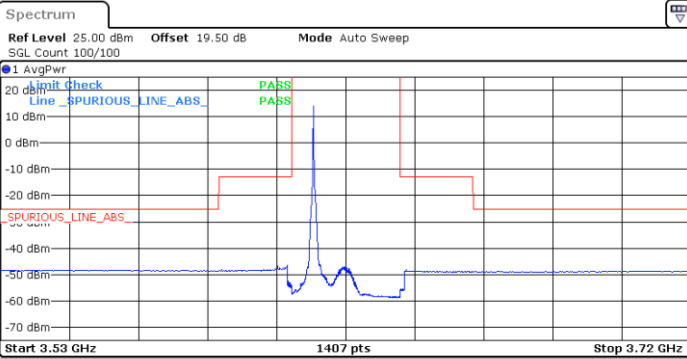


LTE Band 48 / 20MHz

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	3.53940 GHz	-48.26 dBm	-23.26 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-46.42 dBm	-33.42 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60914 GHz	-52.57 dBm	-39.57 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.61611 GHz	13.89 dBm	-16.11 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64014 GHz	-55.54 dBm	-42.54 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64147 GHz	-48.22 dBm	-35.22 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.70463 GHz	-48.69 dBm	-23.69 dB

Spurious Emissions

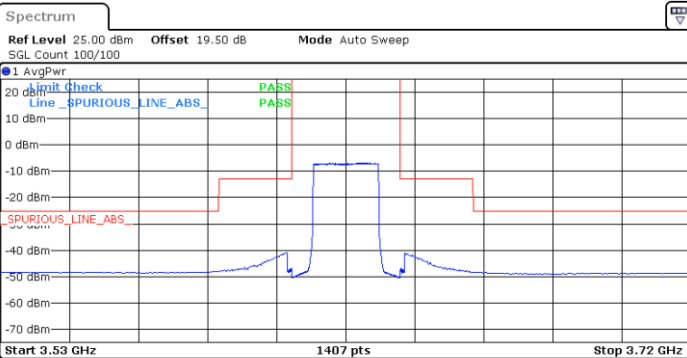
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.590 GHz	1.000 MHz	3.53284 GHz	-48.28 dBm	-23.28 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60872 GHz	-48.29 dBm	-35.29 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60957 GHz	-53.81 dBm	-40.81 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.63394 GHz	13.88 dBm	-16.12 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64092 GHz	-52.35 dBm	-39.35 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64354 GHz	-44.58 dBm	-31.58 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.71050 GHz	-48.66 dBm	-23.66 dB

Date: 2, JAN, 2024 23:52:49

Date: 2, JAN, 2024 23:57:32

Middle Channel / FullRB

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	-48.09 dBm	-23.09 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60872 GHz	-40.88 dBm	-27.88 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.61000 GHz	-46.85 dBm	-33.85 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62989 GHz	-6.87 dBm	-36.87 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64005 GHz	-46.70 dBm	-33.70 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-41.20 dBm	-28.20 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66164 GHz	-48.32 dBm	-28.32 dB

Date: 2, JAN, 2024 23:48:06

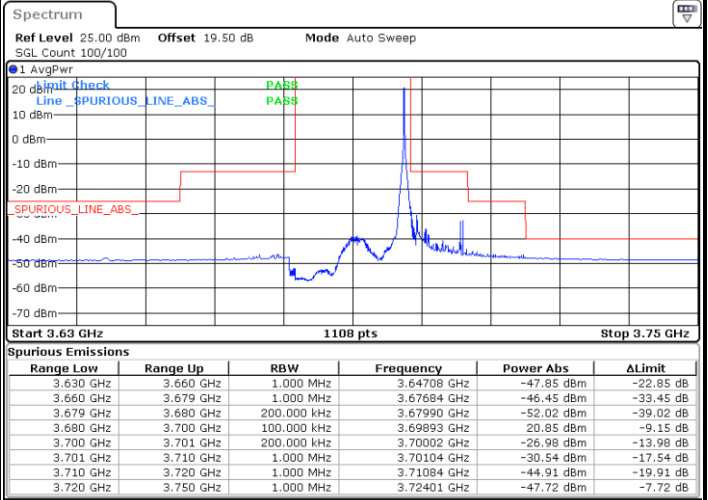
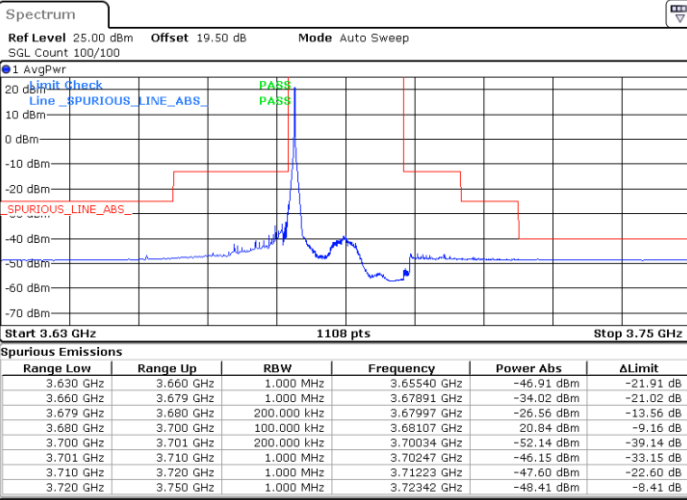


LTE Band 48 / 20MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

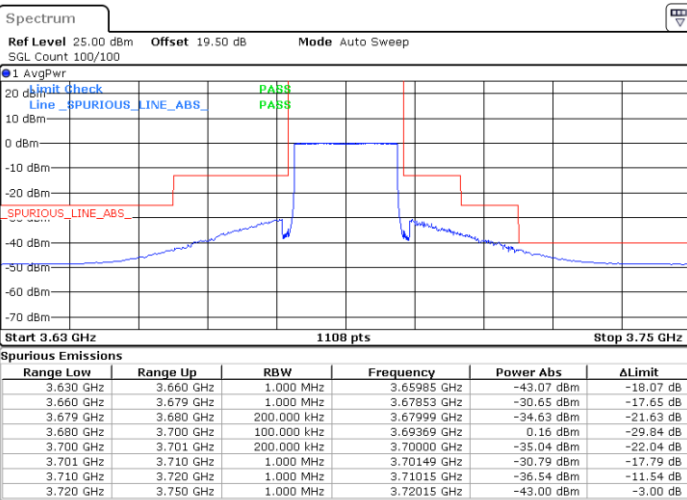


Date: 23.DEC.2023 05:08:32

Date: 23.DEC.2023 05:12:11

Highest Channel / FullRB

N/A



Date: 23.DEC.2023 05:15:51

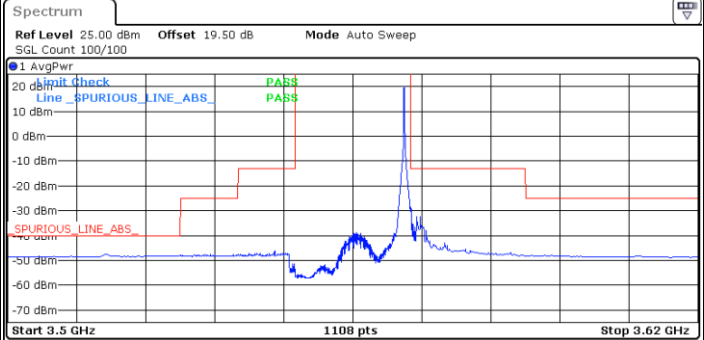
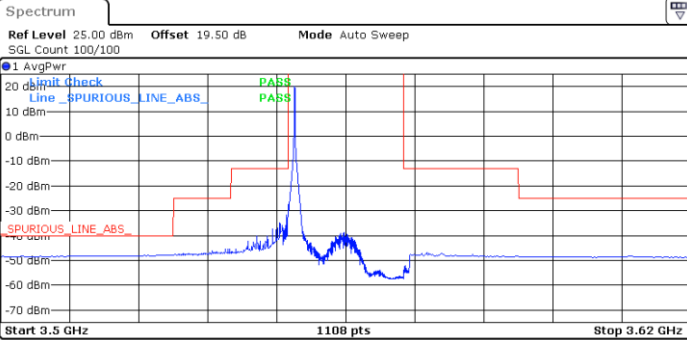


LTE Band 48 / 20MHz

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	3.52955 GHz	-47.74 dBm	-7.74 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53975 GHz	-45.29 dBm	-20.29 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54842 GHz	-34.90 dBm	-21.90 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54998 GHz	-27.55 dBm	-14.55 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	19.92 dBm	-10.08 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57025 GHz	-52.24 dBm	-39.24 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57410 GHz	-46.75 dBm	-33.75 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.60975 GHz	-48.32 dBm	-23.32 dB

Spurious Emissions

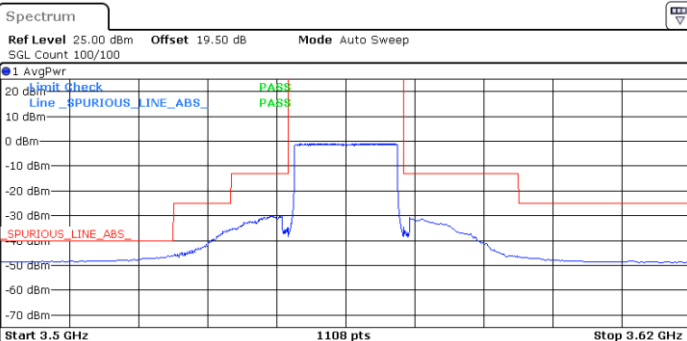
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51708 GHz	-47.63 dBm	-7.63 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53520 GHz	-47.38 dBm	-22.38 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54646 GHz	-46.29 dBm	-33.29 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54984 GHz	-51.44 dBm	-38.44 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	19.91 dBm	-10.09 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-28.62 dBm	-15.62 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-32.41 dBm	-19.41 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59104 GHz	-48.02 dBm	-23.02 dB

Date: 23.DEC.2023 04:23:43

Date: 23.DEC.2023 04:24:56

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	-46.11 dBm	-6.11 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-35.48 dBm	-10.48 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54851 GHz	-30.18 dBm	-17.18 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-34.88 dBm	-21.88 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56404 GHz	-0.95 dBm	-30.95 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57004 GHz	-34.57 dBm	-21.57 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-30.75 dBm	-17.75 dB
3.590 GHz	3.620 GHz	1.000 MHz	3.59015 GHz	-46.52 dBm	-21.52 dB

Date: 23.DEC.2023 04:31:47

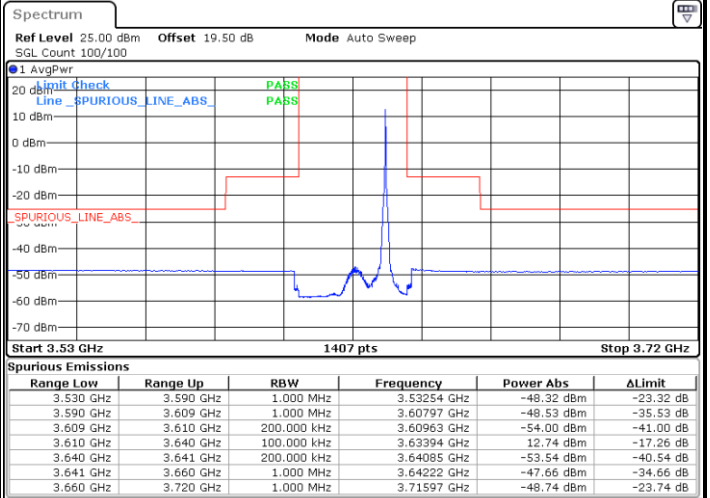
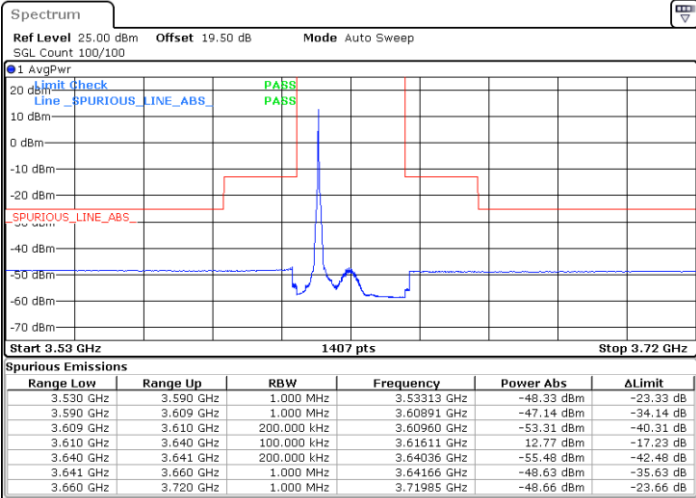


LTE Band 48 / 20MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

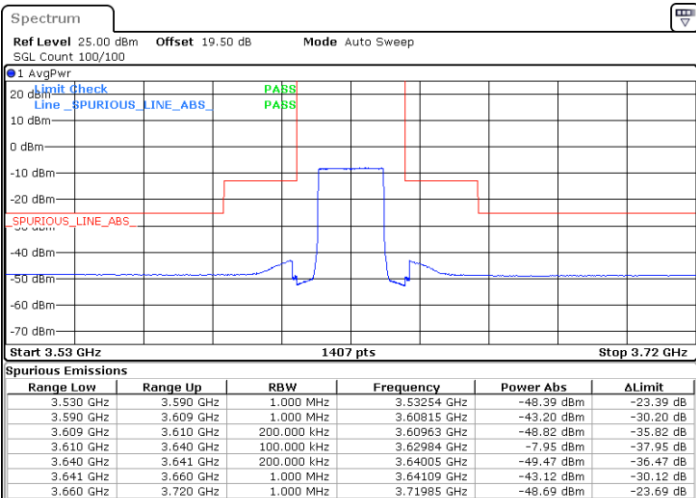


Date: 2, JAN, 2024 23:54:23

Date: 2, JAN, 2024 23:55:58

Middle Channel / FullIRB

N/A



Date: 2, JAN, 2024 23:46:32

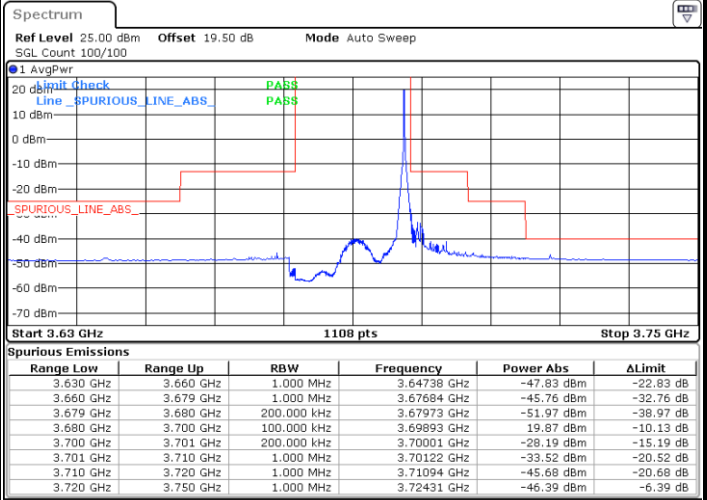
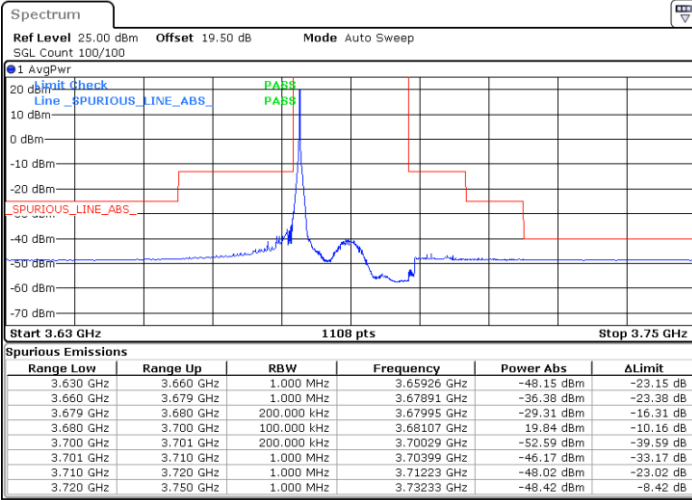


LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

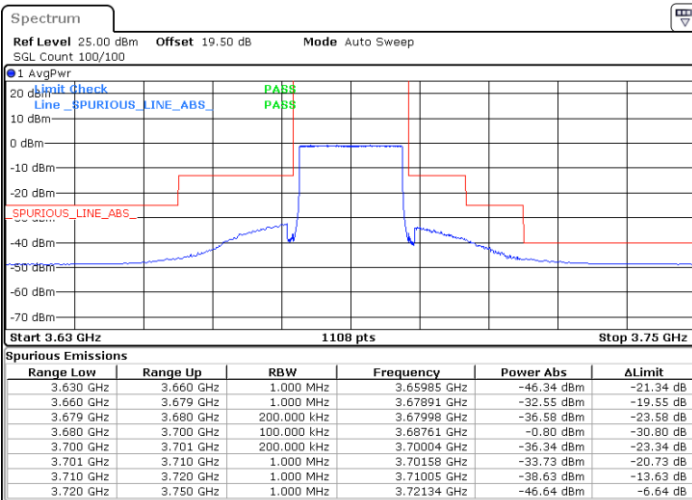


Date: 23.DEC.2023 05:09:45

Date: 23.DEC.2023 05:10:58

Highest Channel / FullRB

N/A



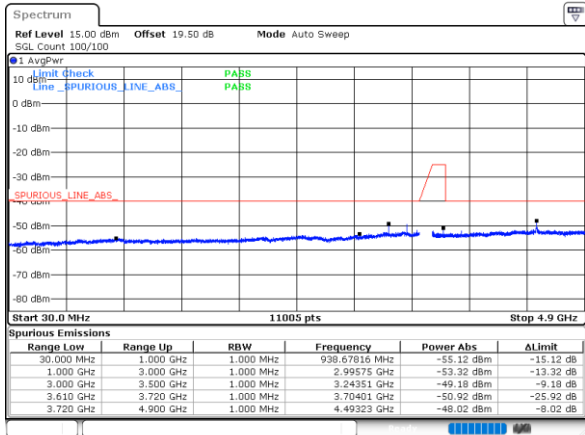
Date: 23.DEC.2023 05:17:05



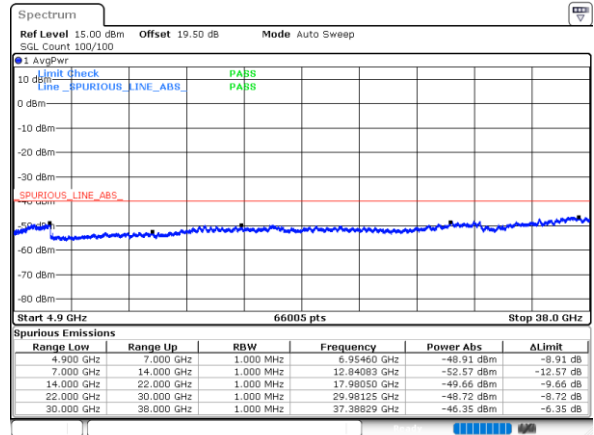
Conducted Spurious Emission

LTE Band 48 / 5MHz

Lowest Channel / QPSK

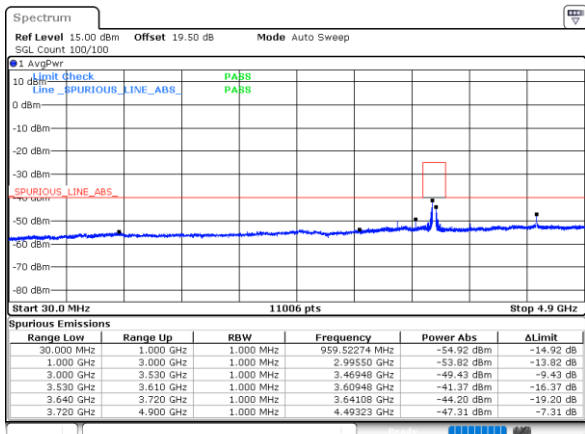


Date: 24.DEC.2023 20:37:01

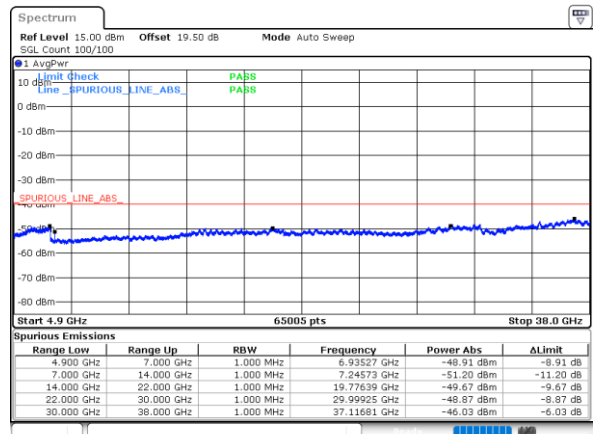


Date: 24.DEC.2023 21:16:41

Middle Channel / QPSK

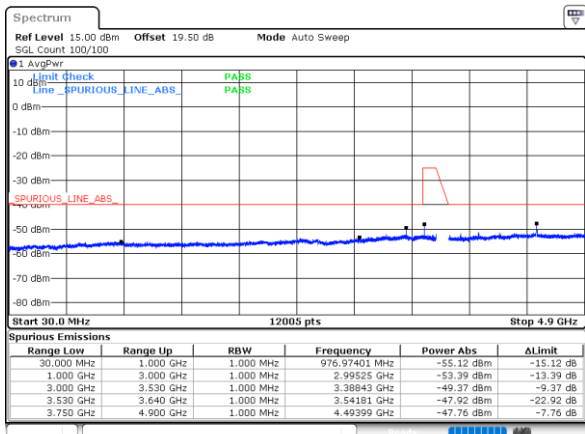


Date: 24.DEC.2023 20:38:11

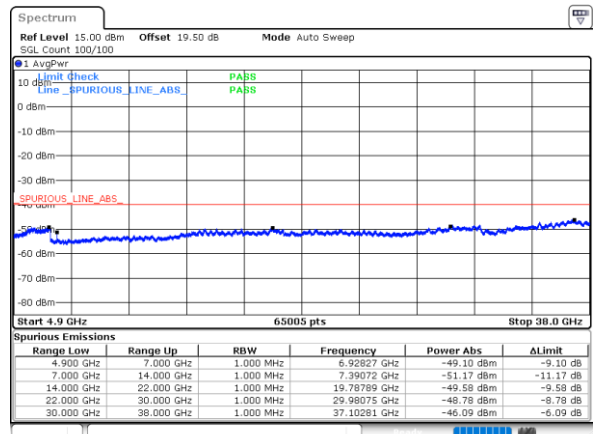


Date: 24.DEC.2023 21:17:57

Highest Channel / QPSK



Date: 24.DEC.2023 20:39:21

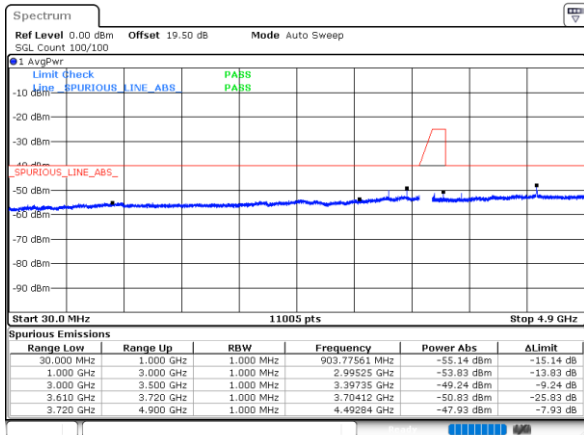


Date: 24.DEC.2023 21:19:13

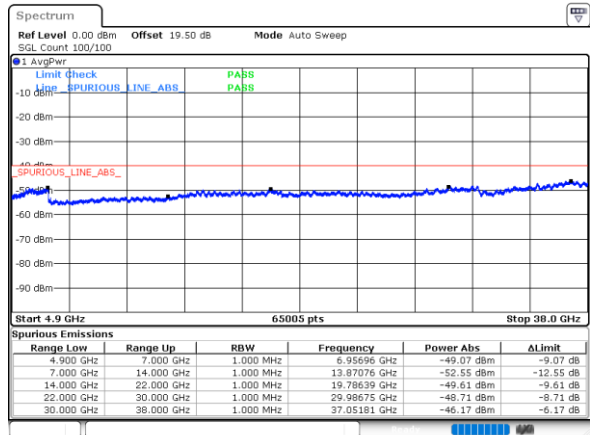


LTE Band 48 / 10MHz

Lowest Channel / QPSK

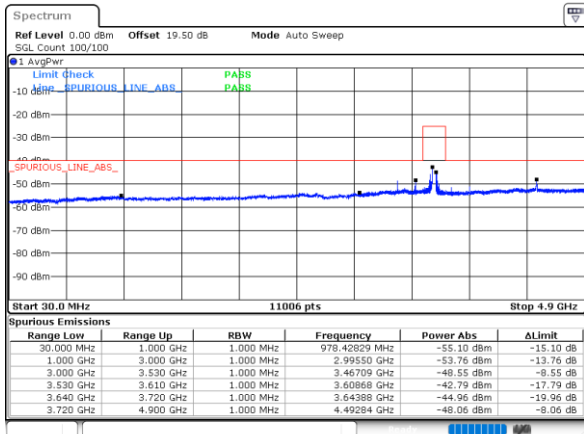


Date: 24. DEC. 2023 20:52:49

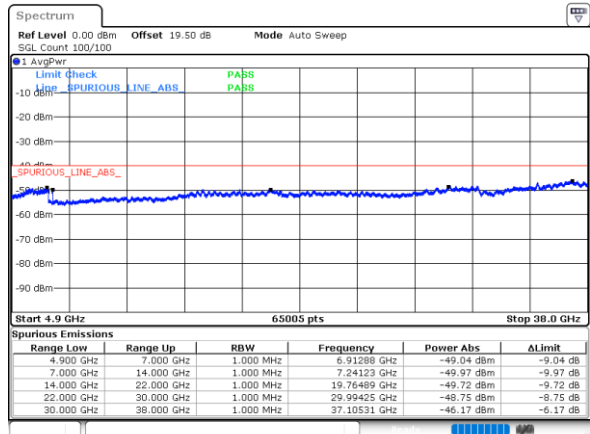


Date: 24. DEC. 2023 21:22:27

Middle Channel / QPSK

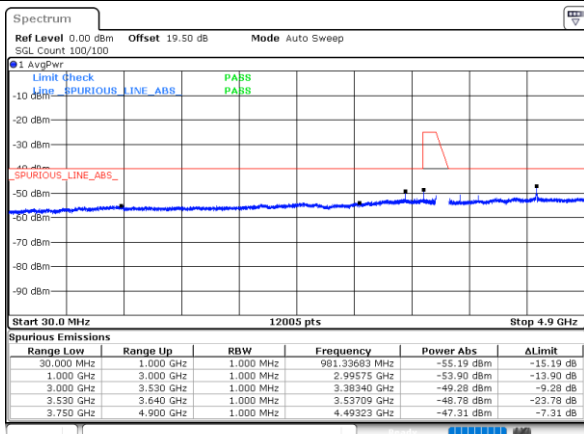


Date: 24. DEC. 2023 20:53:19

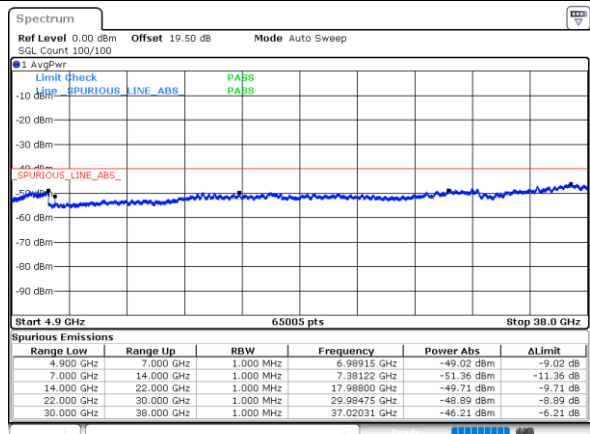


Date: 24. DEC. 2023 21:23:44

Highest Channel / QPSK



Date: 24. DEC. 2023 20:55:10

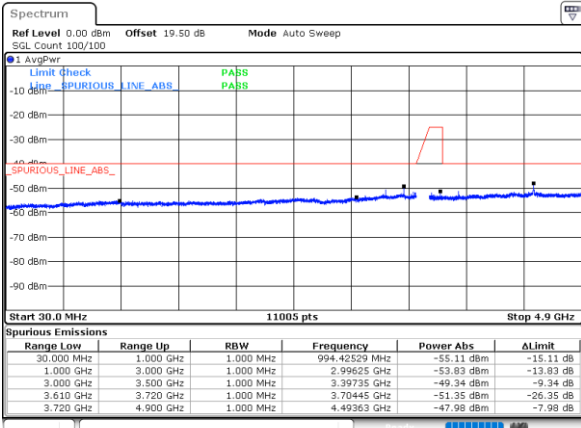


Date: 24. DEC. 2023 21:25:00

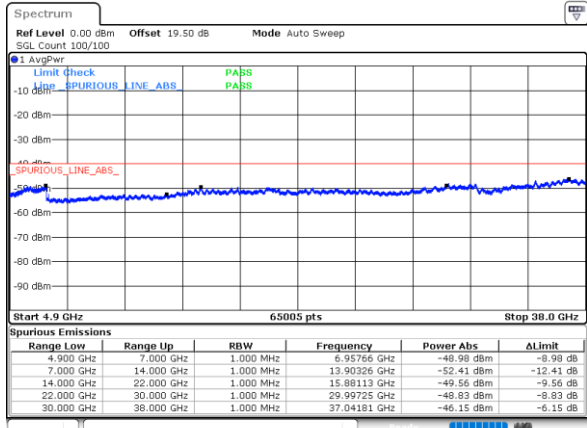


LTE Band 48 / 15MHz

Lowest Channel / QPSK

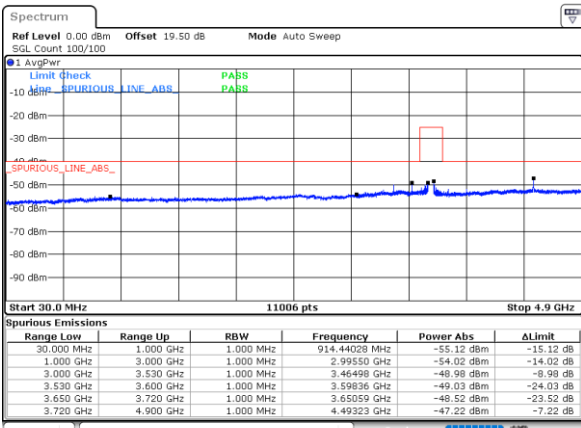


Date: 24. DEC. 2023 20:58:54

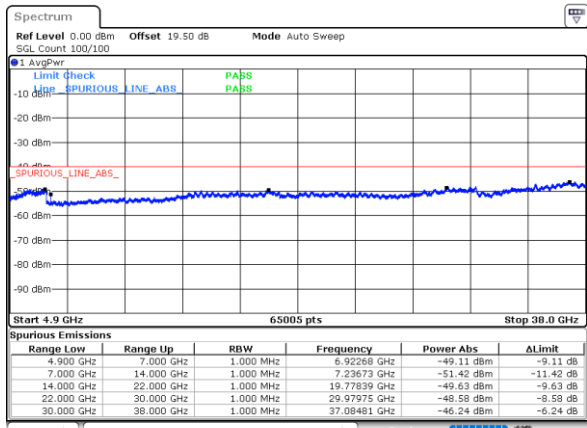


Date: 24. DEC. 2023 21:26:20

Middle Channel / QPSK

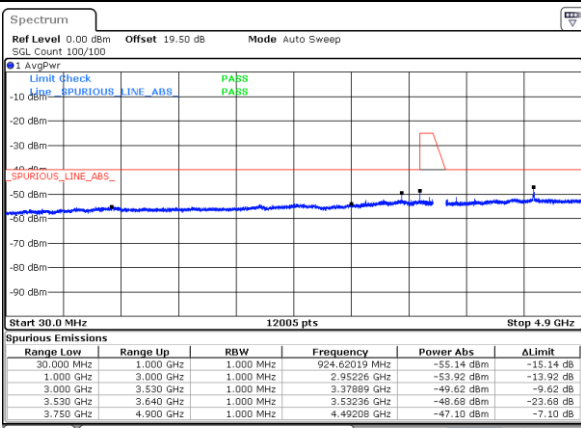


Date: 24. DEC. 2023 21:00:04

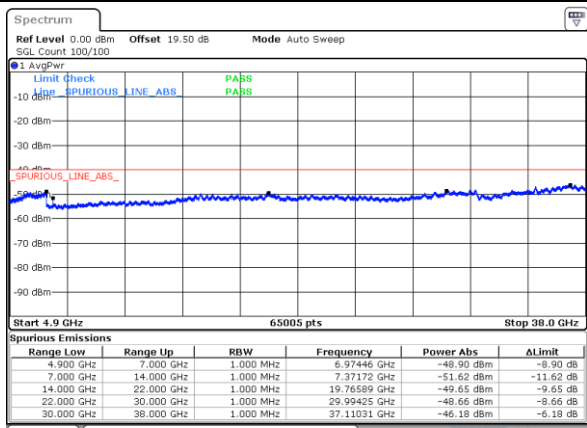


Date: 24. DEC. 2023 21:27:37

Highest Channel / QPSK



Date: 24. DEC. 2023 21:01:15

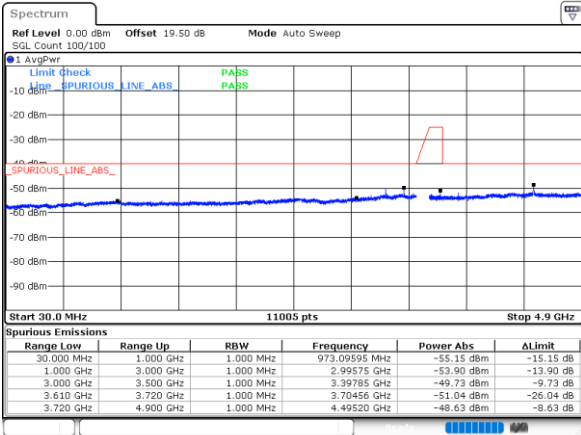


Date: 24. DEC. 2023 21:28:53

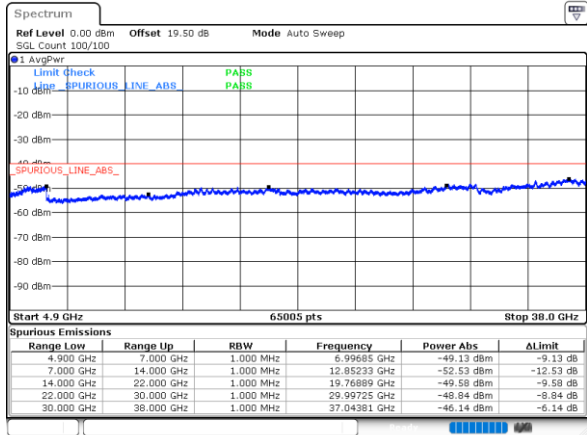


LTE Band 48 / 20MHz

Lowest Channel / QPSK

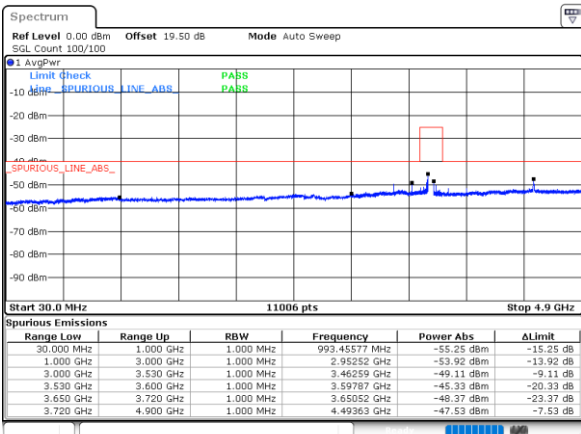


Date: 24. DEC. 2023 21:06:05

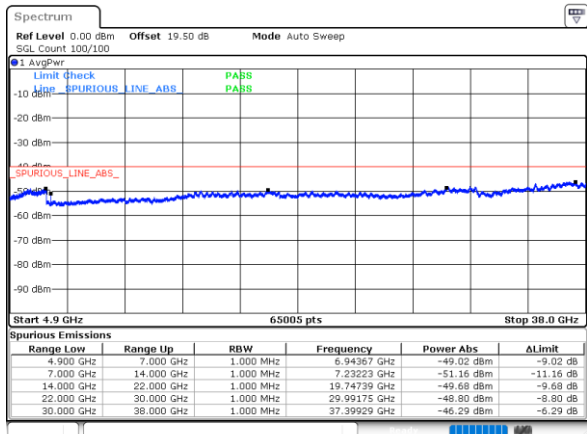


Date: 24. DEC. 2023 21:13:58

Middle Channel / QPSK

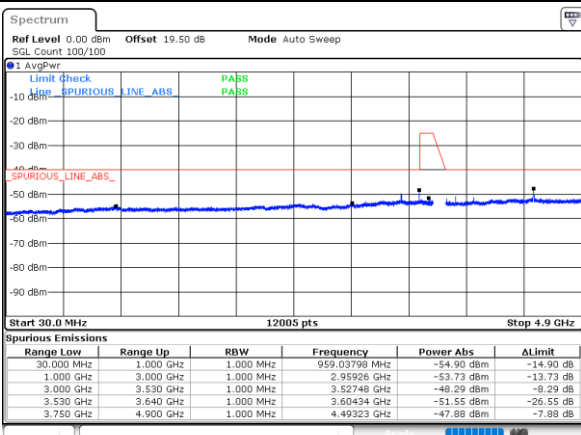


Date: 24. DEC. 2023 21:07:15

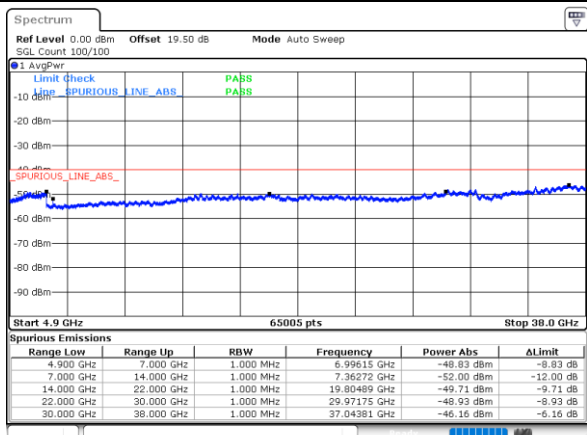


Date: 24. DEC. 2023 21:13:14

Highest Channel / QPSK



Date: 24. DEC. 2023 21:08:26



Date: 24. DEC. 2023 21:13:30



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	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_48C

26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.38	29.55	34.41	24.93
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.83	39.88	-

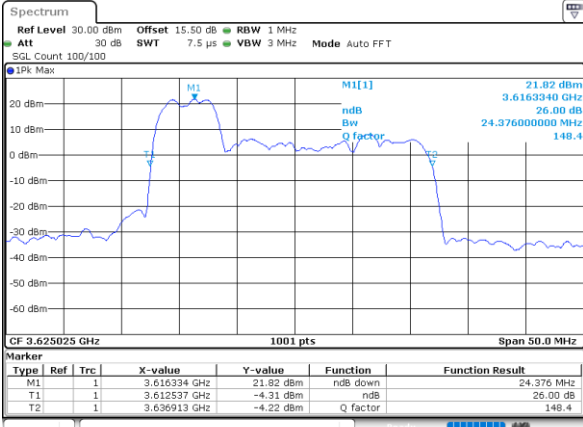
Mode	LTE Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.08	29.49	34.41	25.03
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	34.97	39.56	-



LTE Band 48C

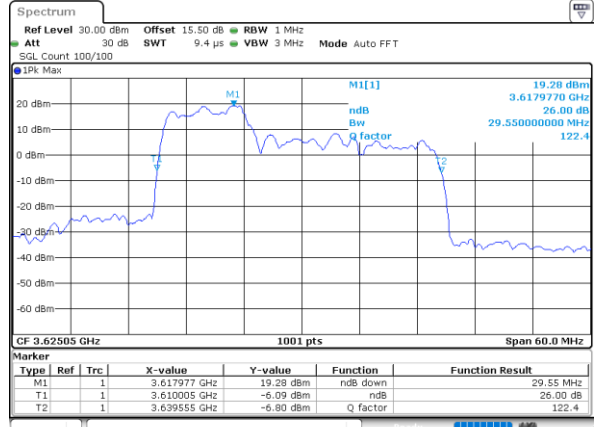
QPSK

Middle Channel / 5MHz+20MHz



Date: 3, JAN. 2024 21:00:10

Middle Channel / 10MHz+20MHz



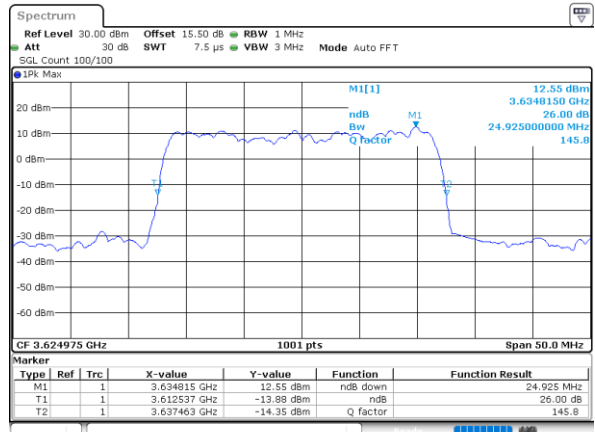
Date: 3, JAN. 2024 22:31:31

Middle Channel / 15MHz+20MHz



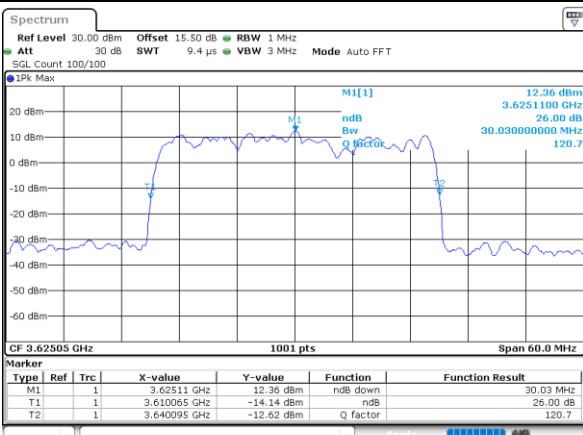
Date: 4, JAN. 2024 00:13:54

Middle Channel / 20MHz+5MHz



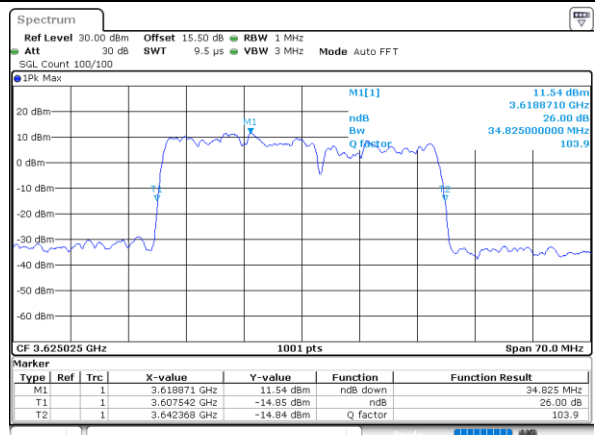
Date: 3, JAN. 2024 21:40:52

Middle Channel / 20MHz+10MHz



Date: 3, JAN. 2024 23:33:51

Middle Channel / 20MHz+15MHz



Date: 4, JAN. 2024 01:21:17

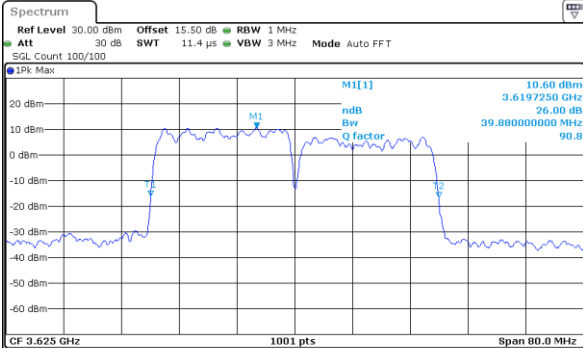


LTE Band 48C

QPSK

Middle Channel / 20MHz+20MHz

N/A



Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			3.619725 GHz	10.60 dBm	ndB down	39.88 MHz
T1	1			3.60502 GHz	-15.90 dBm	ndB	26.00 dB
T2	1			3.6449 GHz	-16.51 dBm	Q factor	90.8

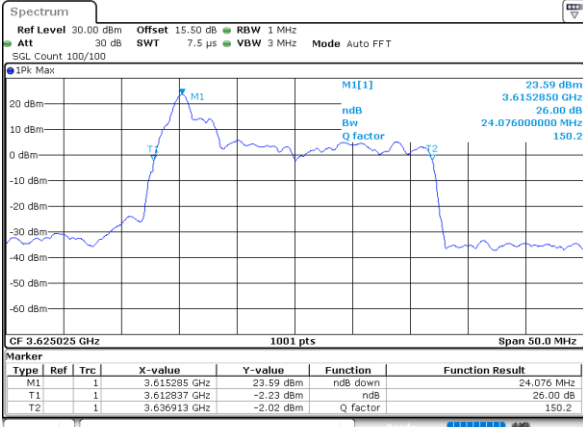
Date: 4-27AM, 2024 19:07:39



LTE Band 48C

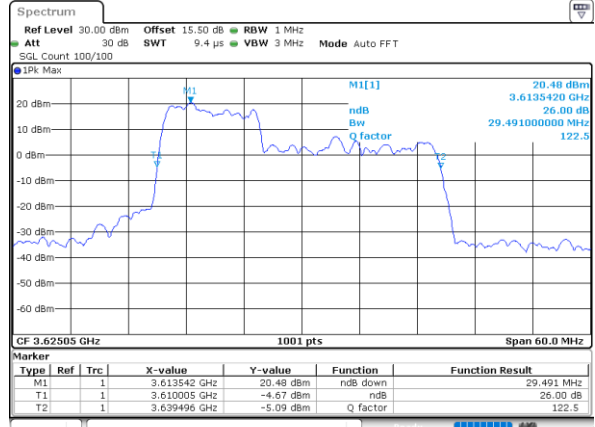
16QAM

Middle Channel / 5MHz+20MHz



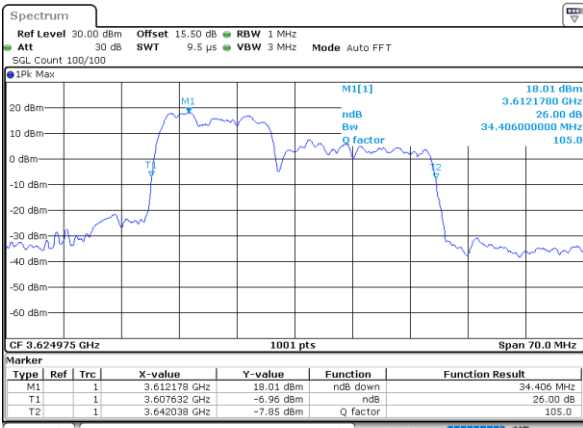
Date: 3, JAN, 2024 21:00:32

Middle Channel / 10MHz+20MHz



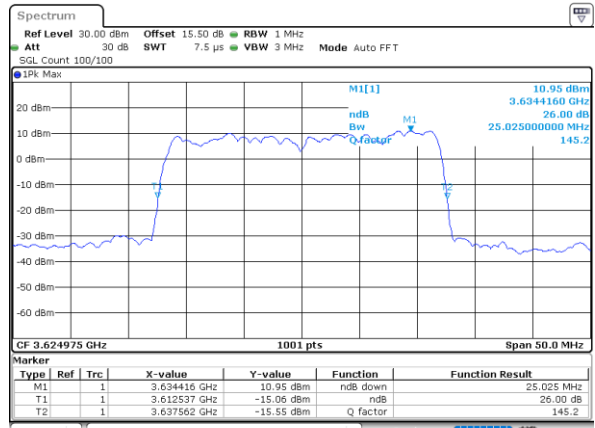
Date: 3, JAN, 2024 22:32:03

Middle Channel / 15MHz+20MHz



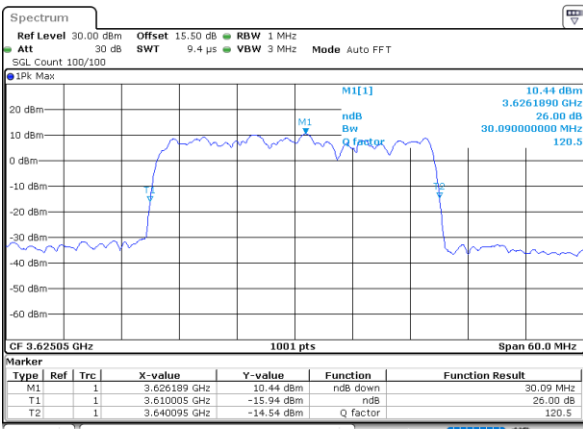
Date: 4, JAN, 2024 00:14:26

Middle Channel / 20MHz+5MHz



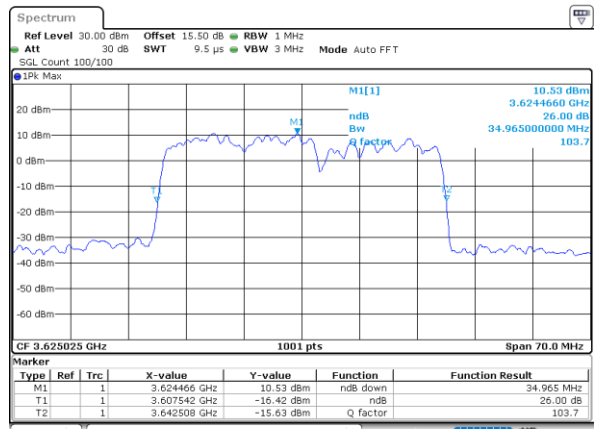
Date: 3, JAN, 2024 21:41:23

Middle Channel / 20MHz+10MHz



Date: 3, JAN, 2024 23:34:22

Middle Channel / 20MHz+15MHz



Date: 4, JAN, 2024 01:21:49

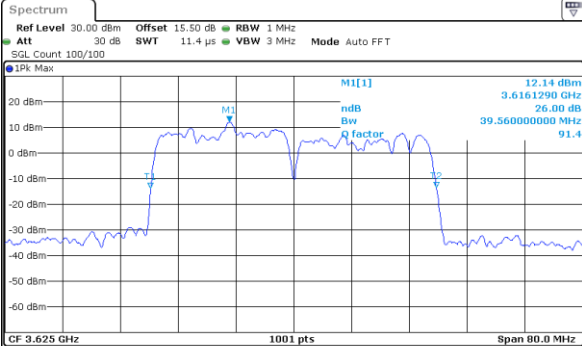


LTE Band 48C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			3.616129 GHz	12.14 dBm	ndB down	39.56 MHz
T1	1			3.60518 GHz	-13.60 dBm	ndB	26.00 dB
T2	1			3.64474 GHz	-13.32 dBm	Q factor	91.4

Date: 4-27-2024 19:08:08



Occupied Bandwidth

Mode	LTE Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	22.43	27.75	32.59	23.13
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.81	32.73	37.80	-

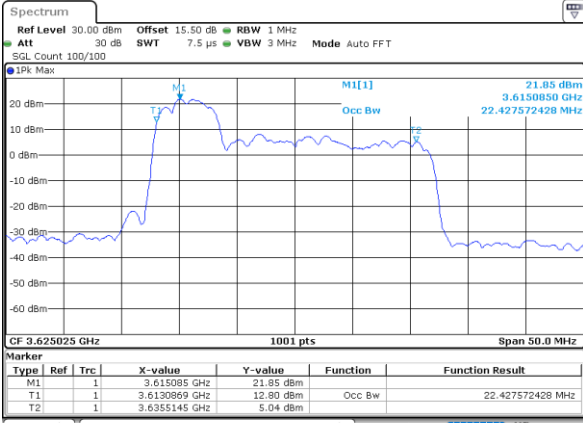
Mode	LTE Band 48C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	22.13	27.09	31.54	23.28
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.66	37.80	-



LTE Band 48C

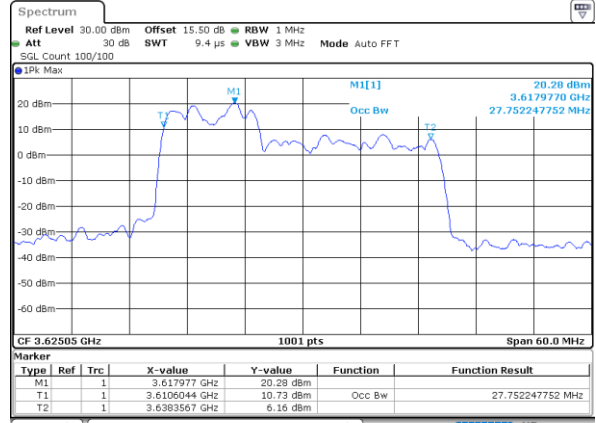
QPSK

Middle Channel / 5MHz+20MHz



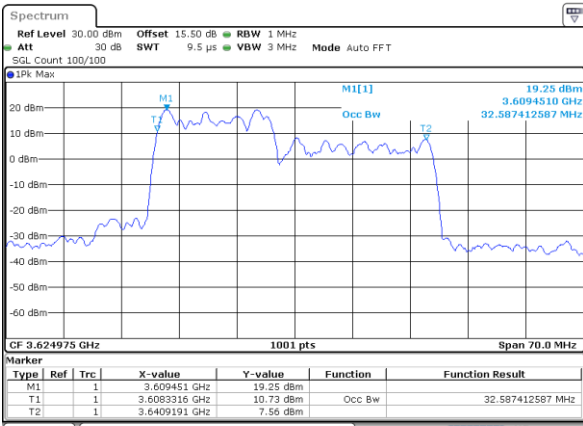
Date: 3, JAN, 2024 20:59:29

Middle Channel / 10MHz+20MHz



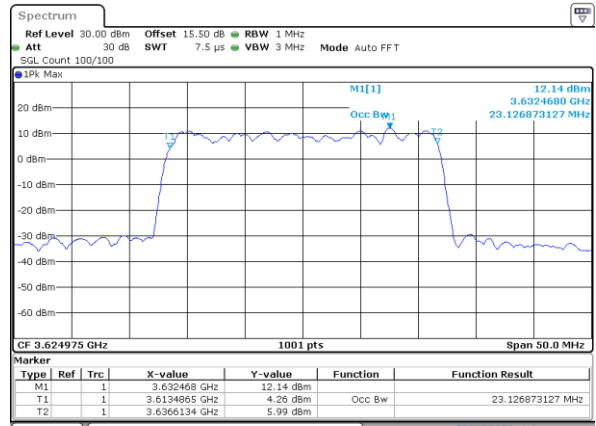
Date: 3, JAN, 2024 22:30:59

Middle Channel / 15MHz+20MHz



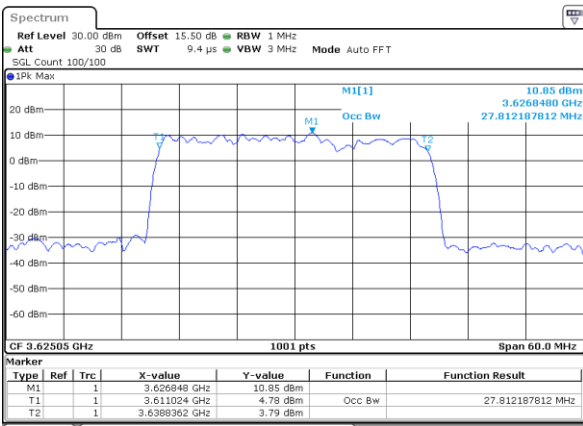
Date: 4, JAN, 2024 00:13:23

Middle Channel / 20MHz+5MHz



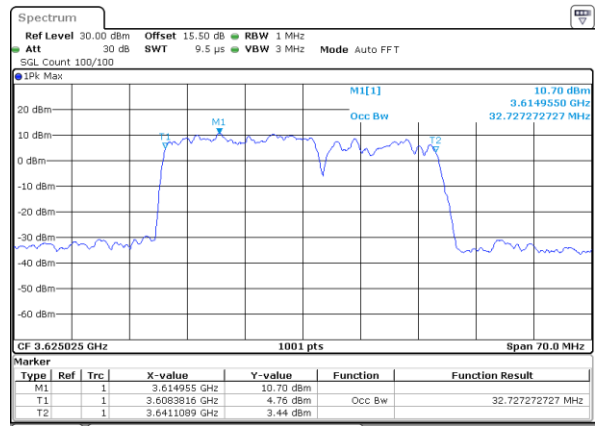
Date: 3, JAN, 2024 21:40:20

Middle Channel / 20MHz+10MHz



Date: 3, JAN, 2024 23:33:19

Middle Channel / 20MHz+15MHz



Date: 4, JAN, 2024 01:20:46

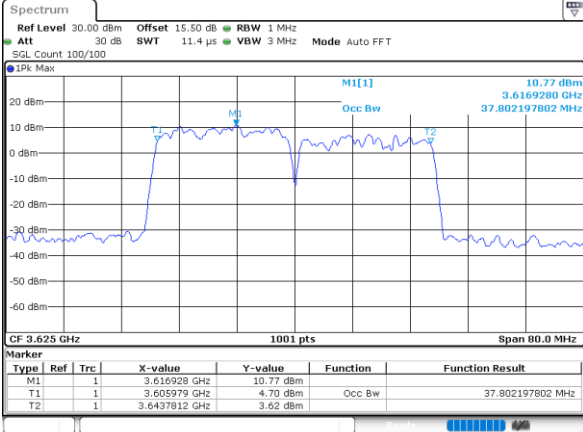


LTE Band 48C

QPSK

Middle Channel / 20MHz+20MHz

N/A



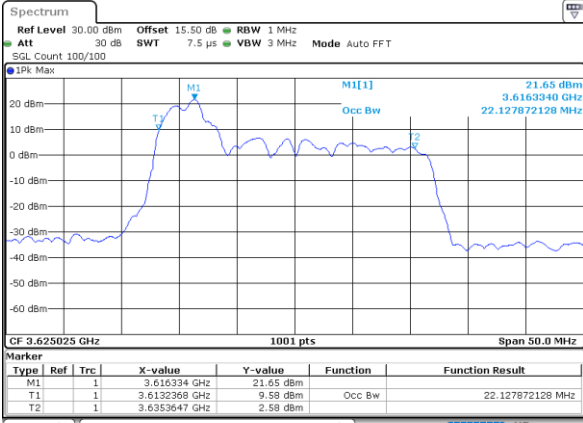
Date: 4-27-2024 19:07:11



LTE Band 48C

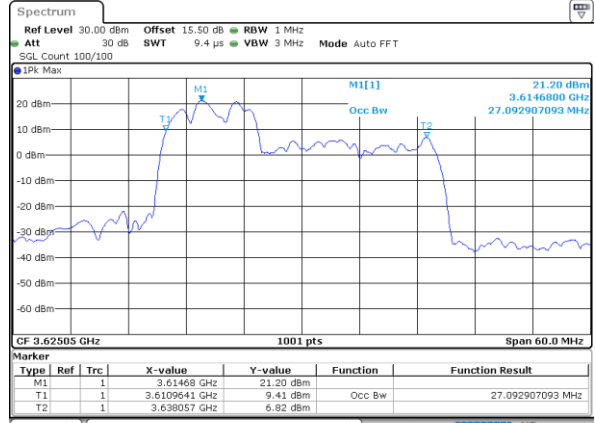
16QAM

Middle Channel / 5MHz+20MHz



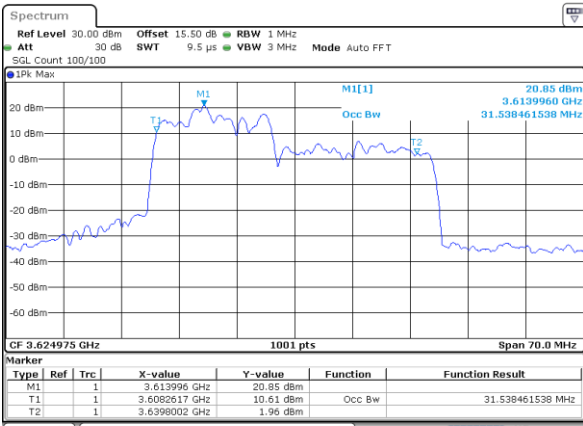
Date: 3, JAN, 2024 21:01:03

Middle Channel / 10MHz+20MHz



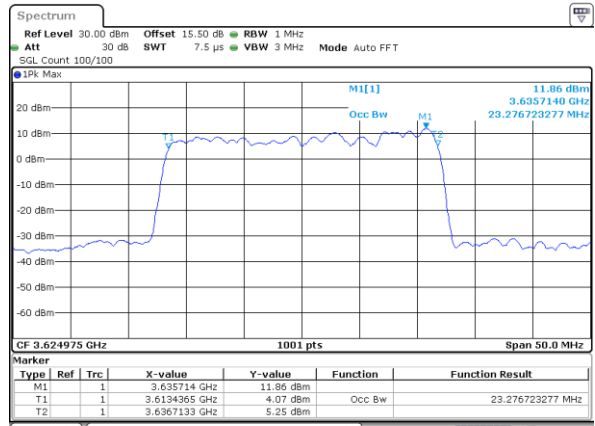
Date: 3, JAN, 2024 22:32:34

Middle Channel / 15MHz+20MHz



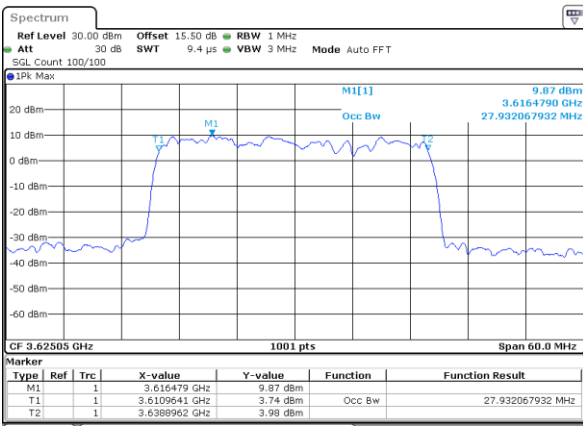
Date: 4, JAN, 2024 00:14:58

Middle Channel / 20MHz+5MHz



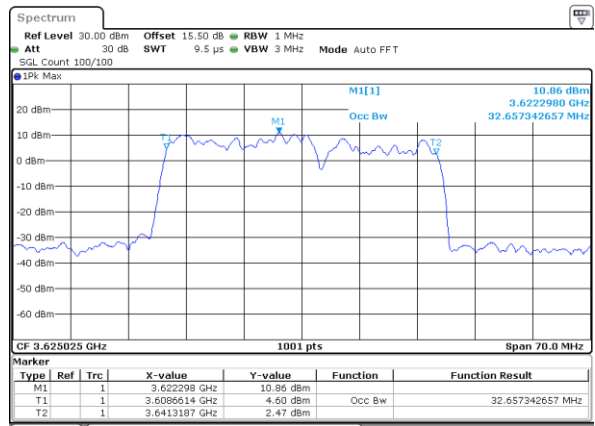
Date: 3, JAN, 2024 21:41:55

Middle Channel / 20MHz+10MHz



Date: 3, JAN, 2024 23:34:54

Middle Channel / 20MHz+15MHz



Date: 4, JAN, 2024 01:22:20

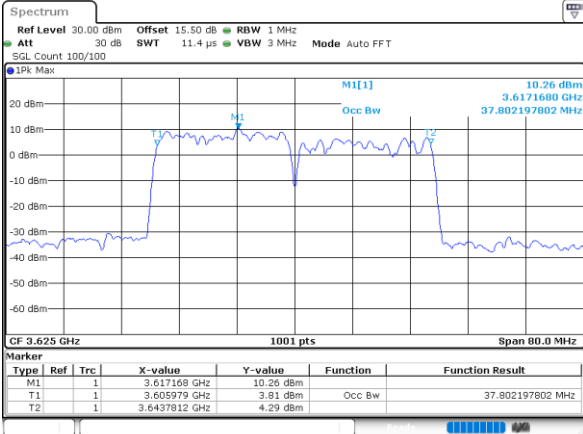


LTE Band 48C

16QAM

Middle Channel / 20MHz+20MHz

N/A





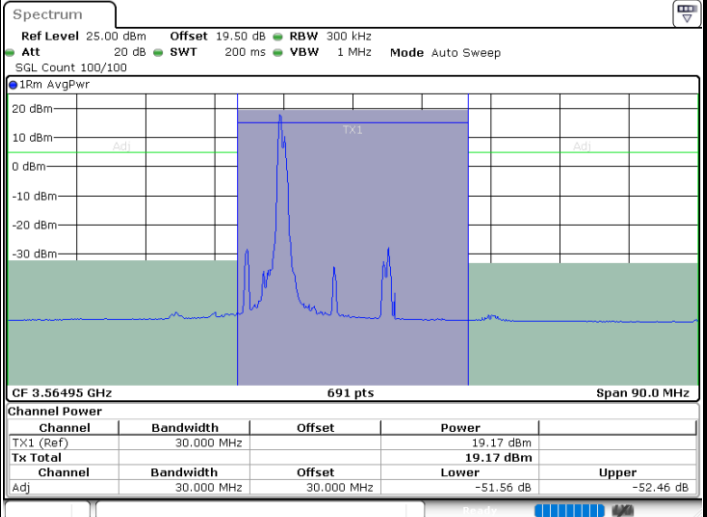
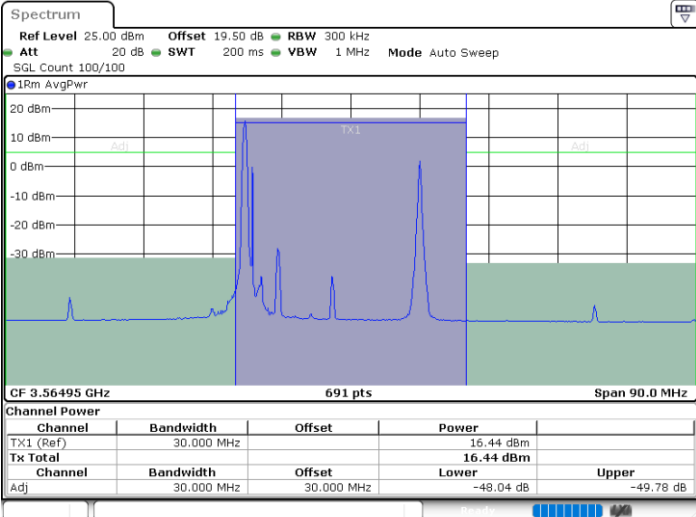
ACLR

LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0

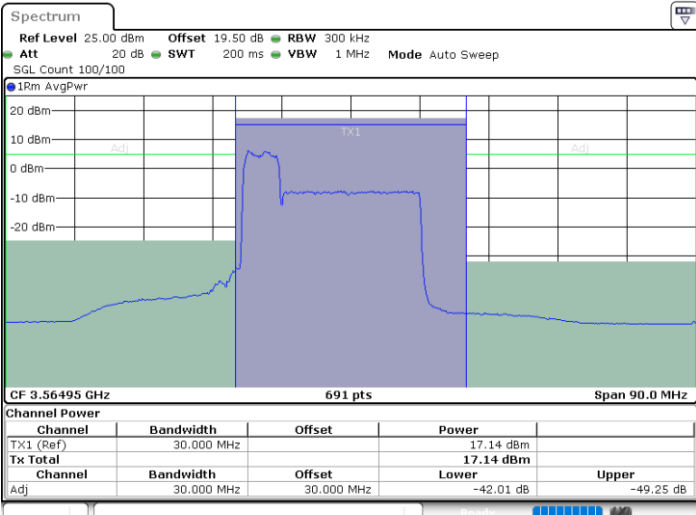


Date: 3.JAN.2024 21:19:46

Date: 3.JAN.2024 21:20:37

Lowest Channel / FullIRB

N/A



Date: 3.JAN.2024 21:15:32

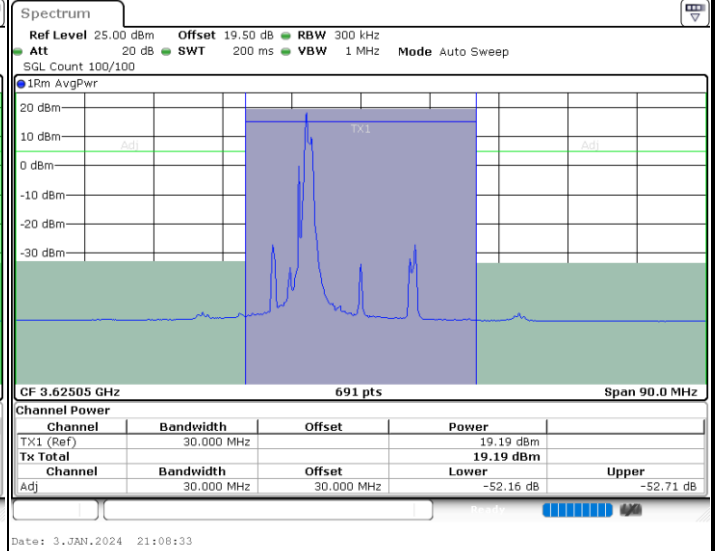
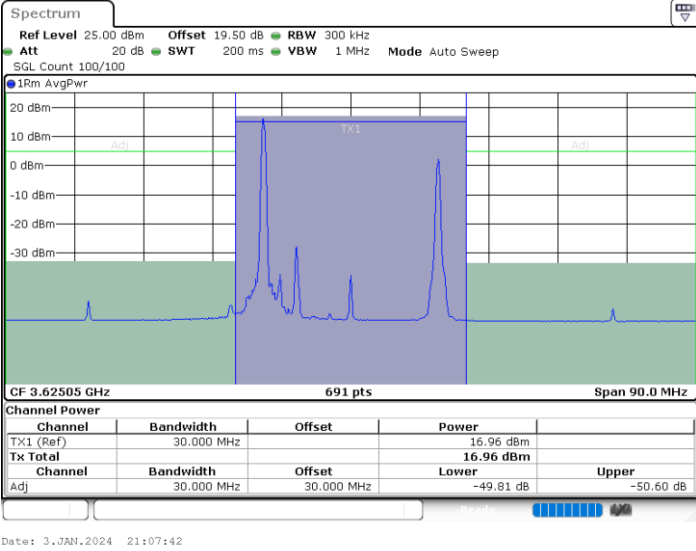


LTE Band 48C / 5MHz+20MHz

QPSK

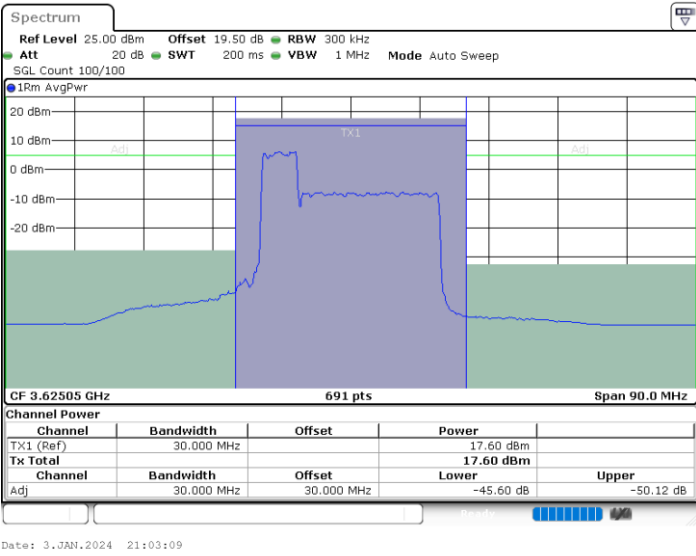
Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



Middle Channel / FullIRB

N/A



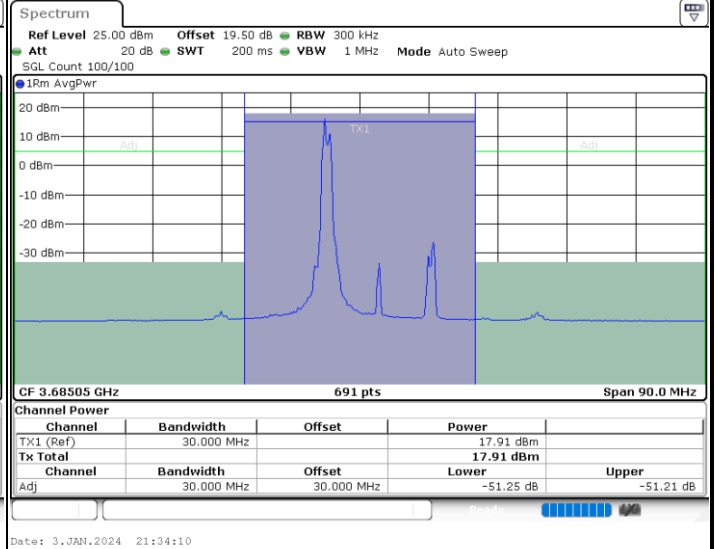
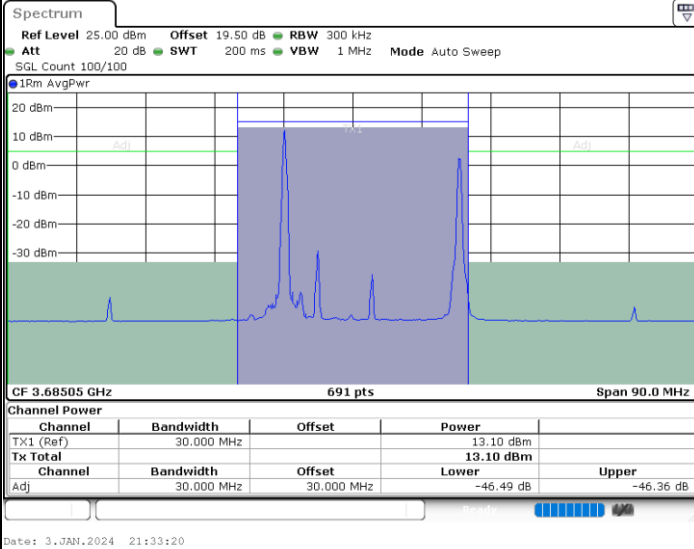


LTE Band 48C / 5MHz+20MHz

QPSK

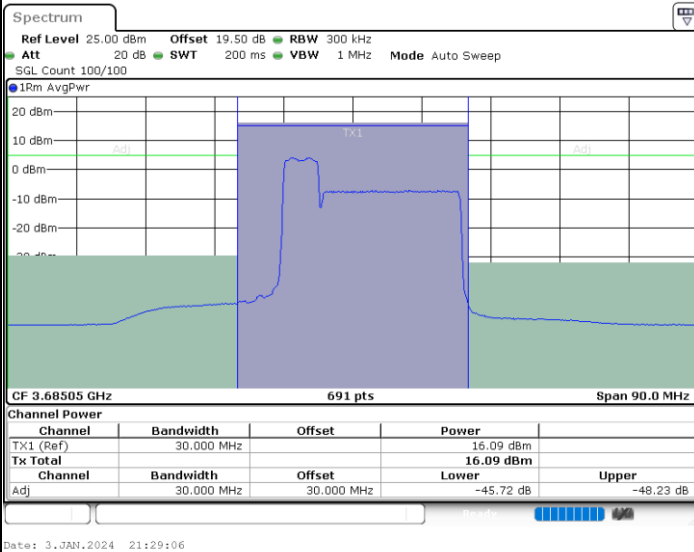
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Highest Channel / FullRB

N/A



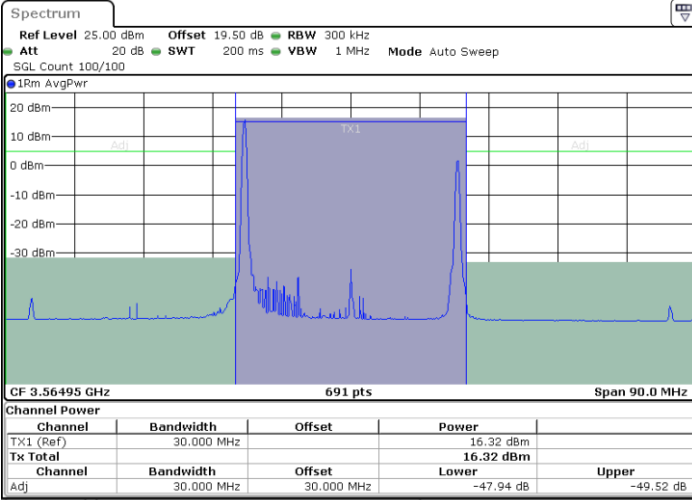


LTE Band 48C / 10MHz+20MHz

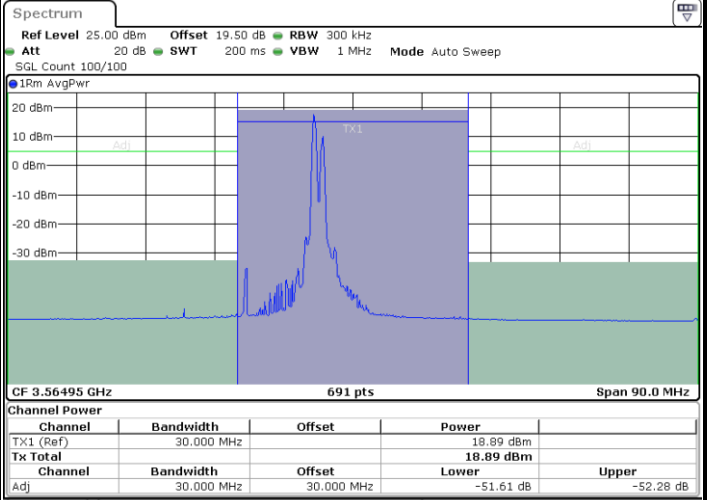
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



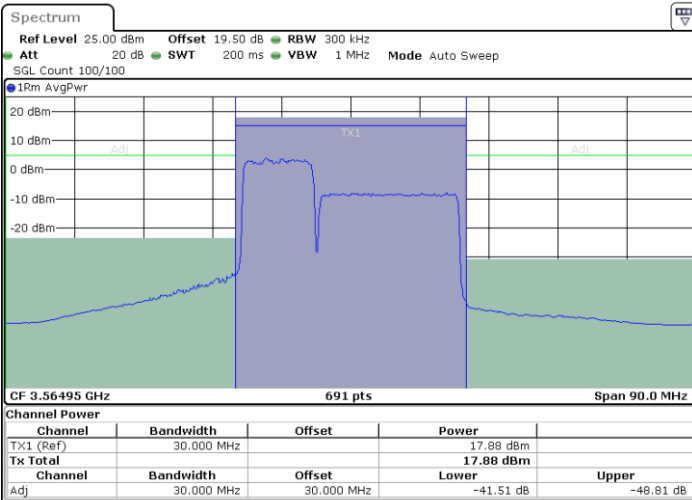
Date: 3.JAN.2024 23:15:52



Date: 3.JAN.2024 23:16:42

Lowest Channel / FullIRB

N/A



Date: 3.JAN.2024 23:11:38

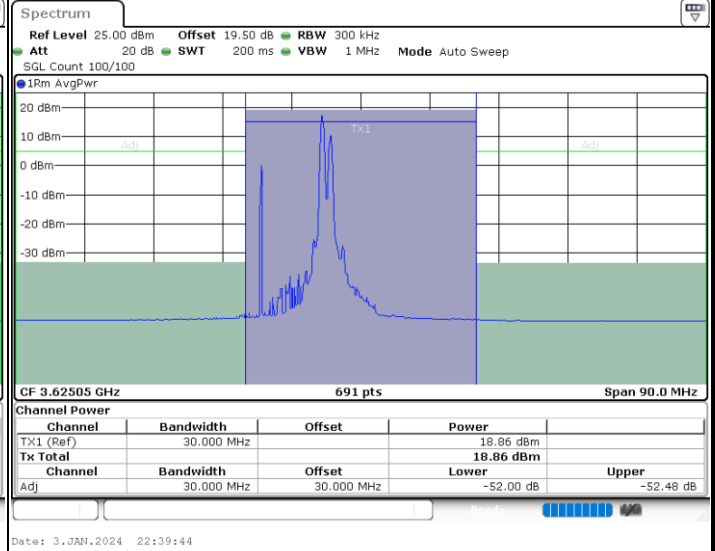
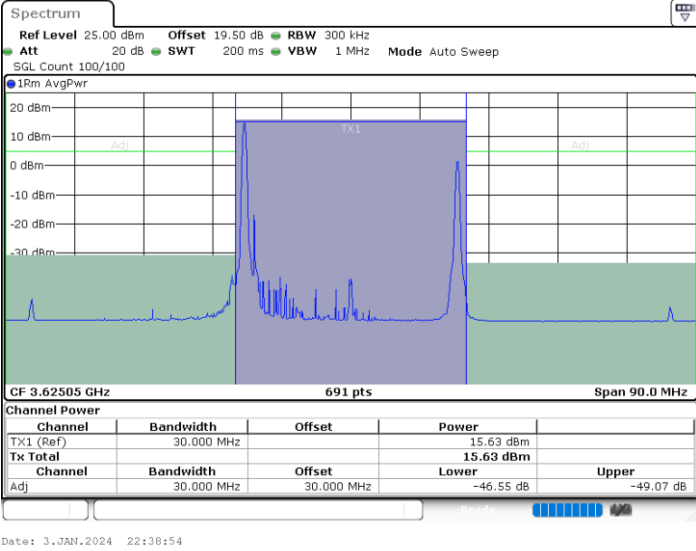


LTE Band 48C / 10MHz+20MHz

QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Middle Channel / FullIRB

N/A

