



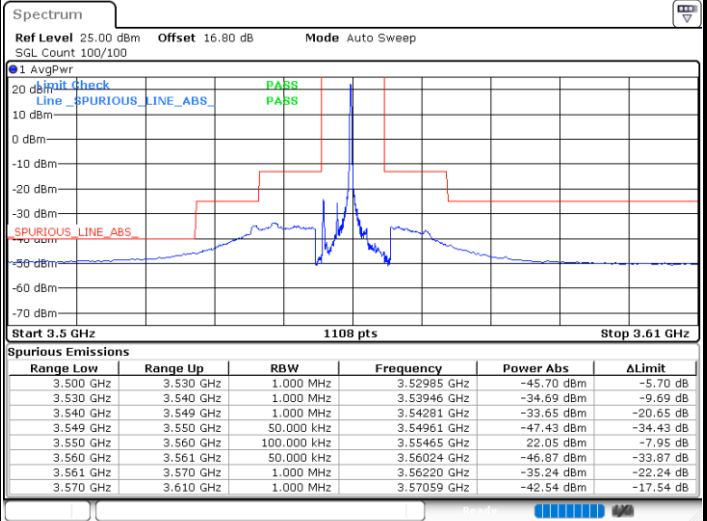
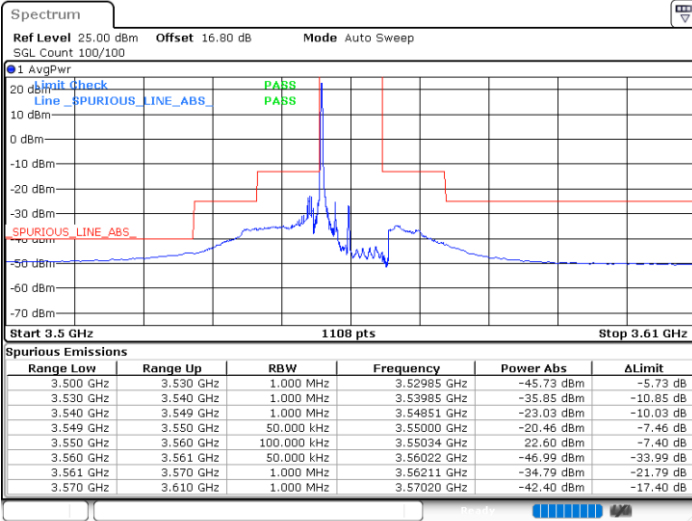
Conducted Band Edge

LTE Band 48 / 5MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

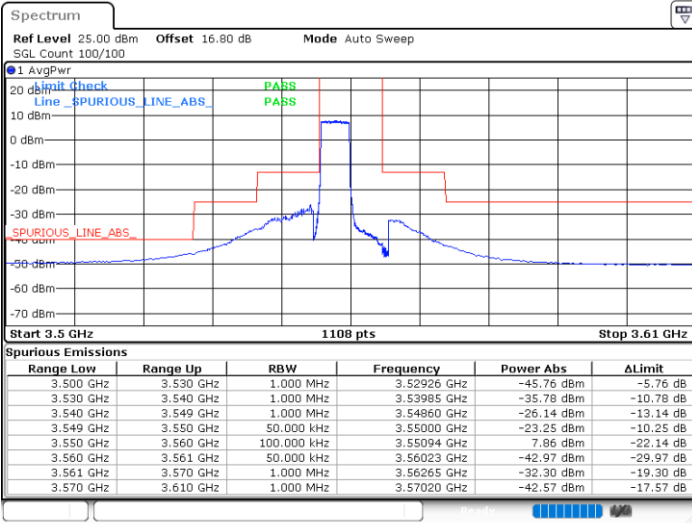


Date: 8.FEB.2023 14:03:02

Date: 8.FEB.2023 14:20:28

Lowest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:11:45

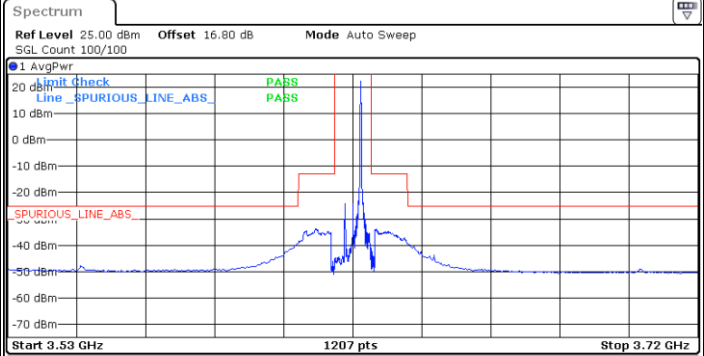
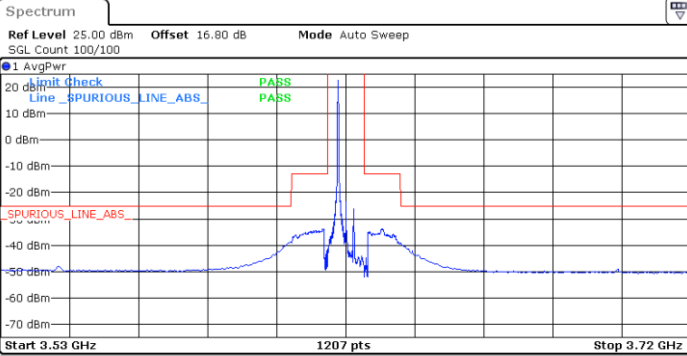


LTE Band 48 / 5MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-38.86 dBm	-13.86 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61896 GHz	-33.81 dBm	-20.81 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61978 GHz	-42.09 dBm	-29.09 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62283 GHz	22.55 dBm	-7.45 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63054 GHz	-44.74 dBm	-31.74 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63468 GHz	-33.84 dBm	-20.84 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-39.27 dBm	-14.27 dB

Spurious Emissions

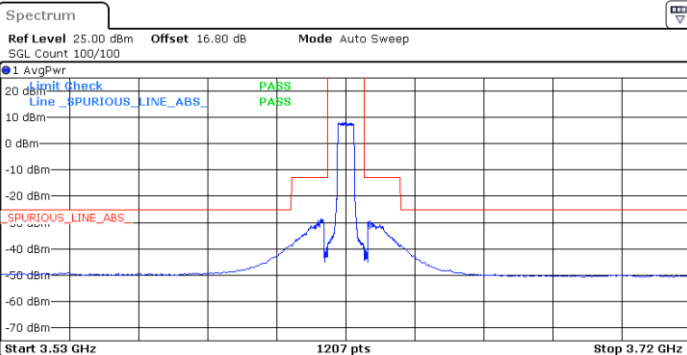
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-39.30 dBm	-14.30 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61468 GHz	-33.79 dBm	-20.79 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61954 GHz	-45.94 dBm	-32.94 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62714 GHz	22.40 dBm	-7.60 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63010 GHz	-41.22 dBm	-28.22 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63158 GHz	-33.90 dBm	-20.90 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-39.37 dBm	-14.37 dB

Date: 8.FEB.2023 14:07:52

Date: 8.FEB.2023 14:25:17

Middle Channel / FullIRB

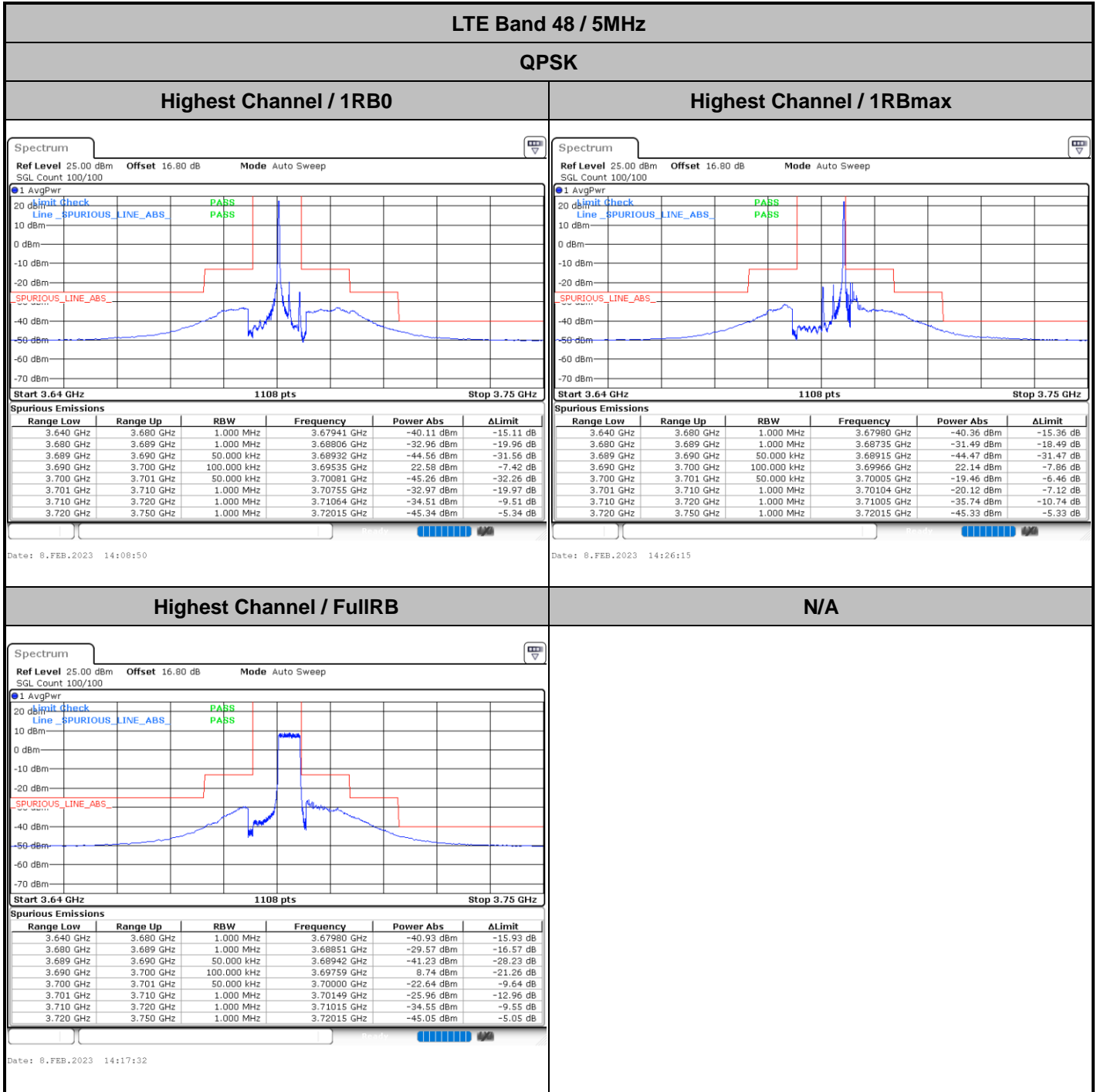
N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-38.30 dBm	-13.30 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61824 GHz	-28.48 dBm	-15.48 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.62000 GHz	-39.10 dBm	-26.10 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62468 GHz	8.01 dBm	-21.99 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63038 GHz	-40.17 dBm	-27.17 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63131 GHz	-29.42 dBm	-16.42 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-38.62 dBm	-13.62 dB

Date: 8.FEB.2023 14:16:34



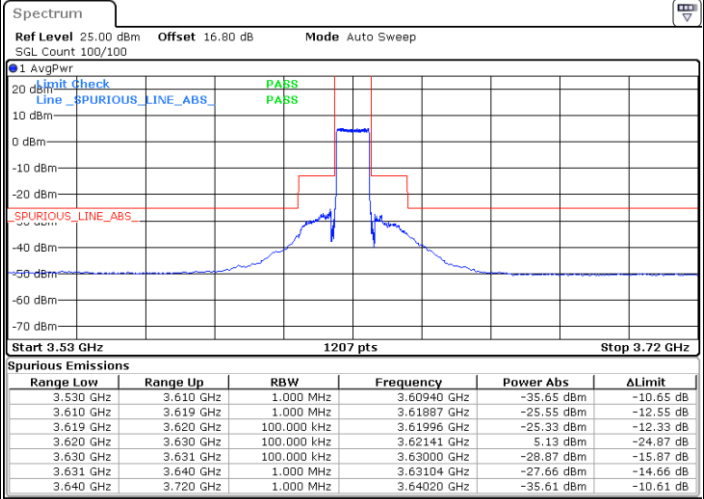
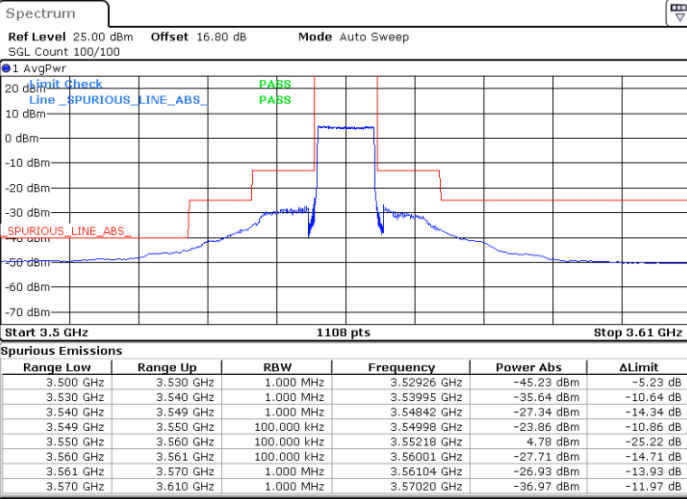


LTE Band 48 / 10MHz

QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB

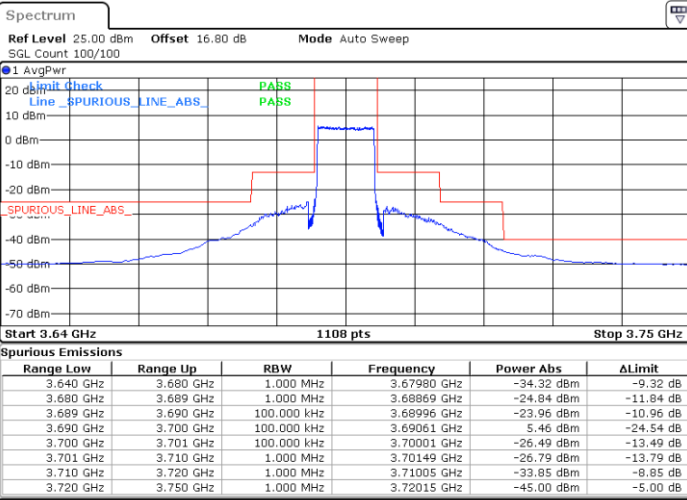


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Date: 8.FEB.2023 14:32:09

Highest Channel / FullIRB

N/A



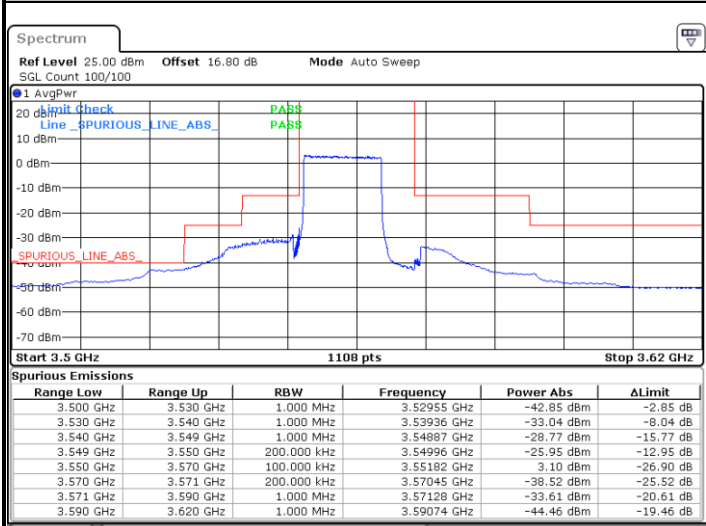
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LTE Band 48 / 15MHz

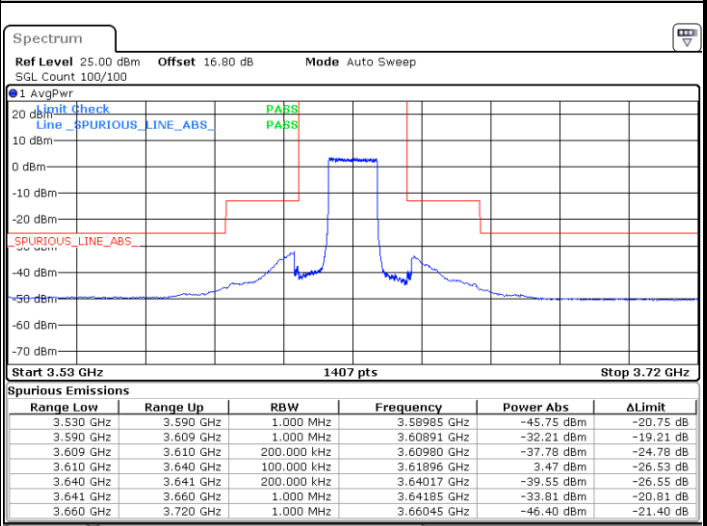
QPSK

Lowest Channel / FullIRB



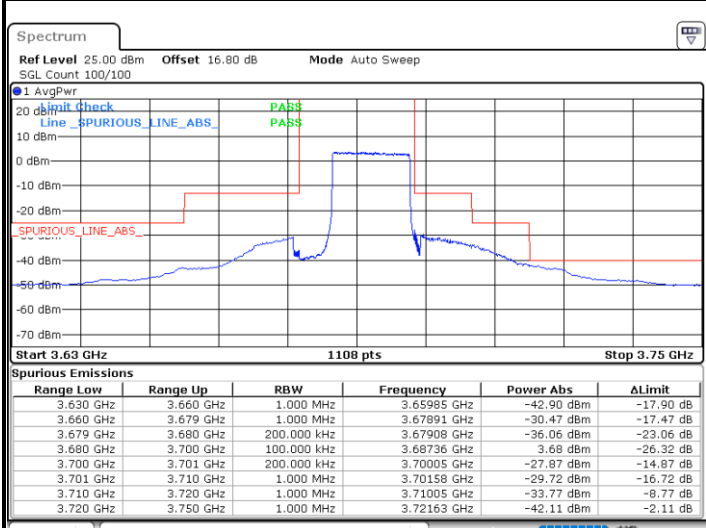
Date: 8.FEB.2023 14:38:03

Middle Channel / FullIRB



Date: 8.FEB.2023 14:42:52

Highest Channel / FullIRB



Date: 8.FEB.2023 14:43:50

N/A

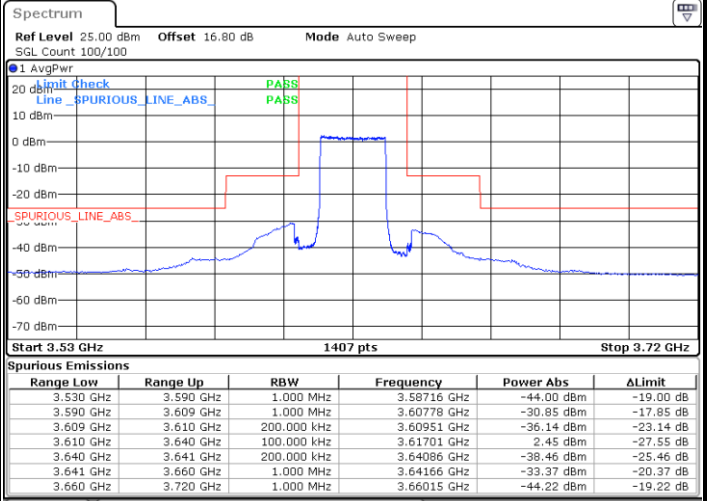
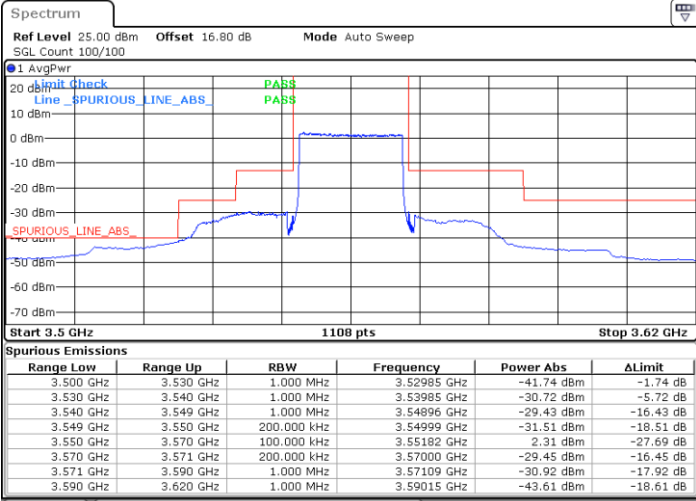


LTE Band 48 / 20MHz

QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB

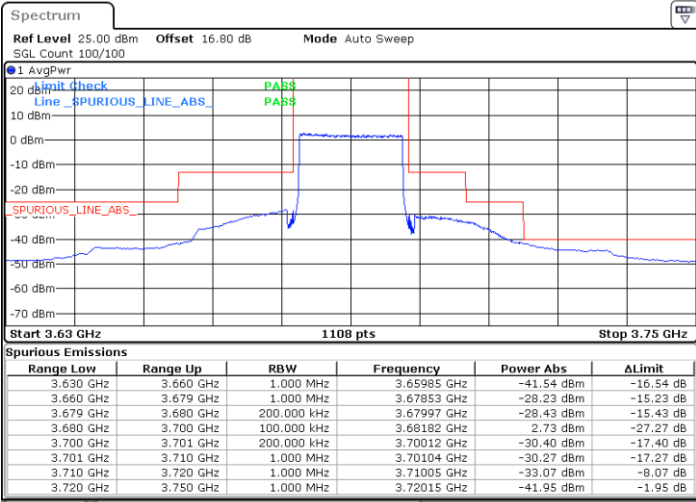


Date: 8.FEB.2023 14:48:49

Date: 8.FEB.2023 14:49:47

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:54:36

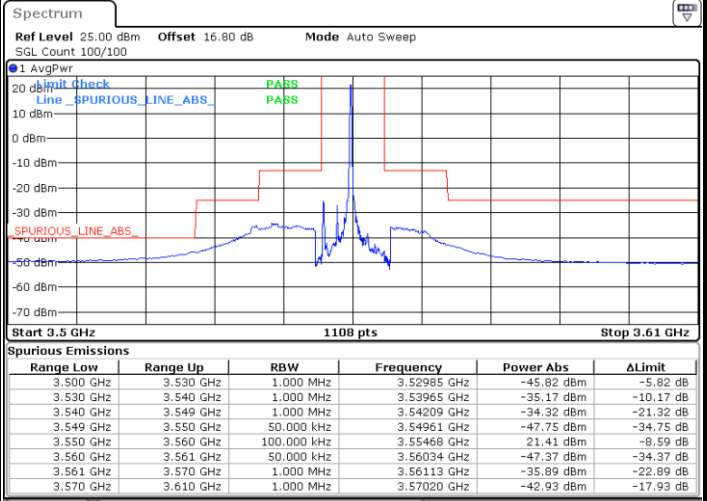
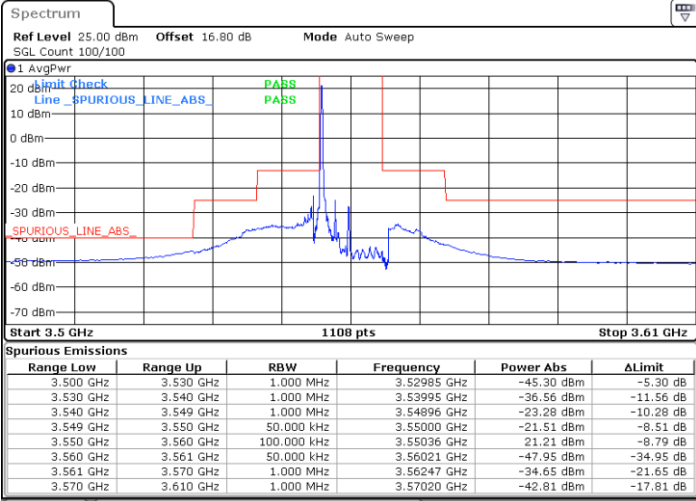


LTE Band 48 / 5MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

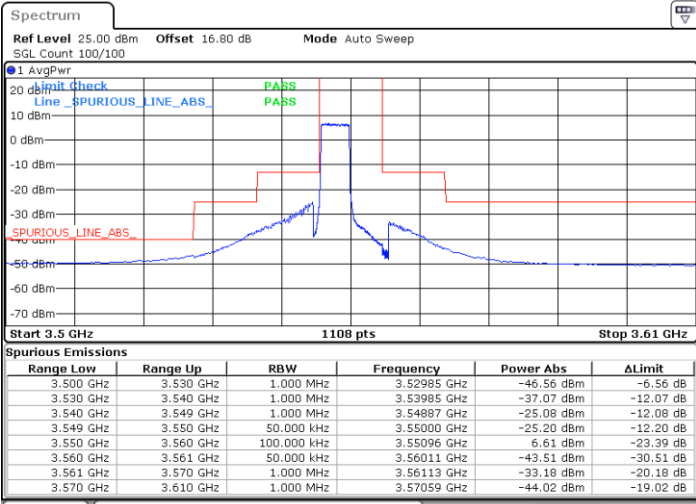


Date: 8.FEB.2023 14:04:00

Date: 8.FEB.2023 14:21:26

Lowest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:12:43

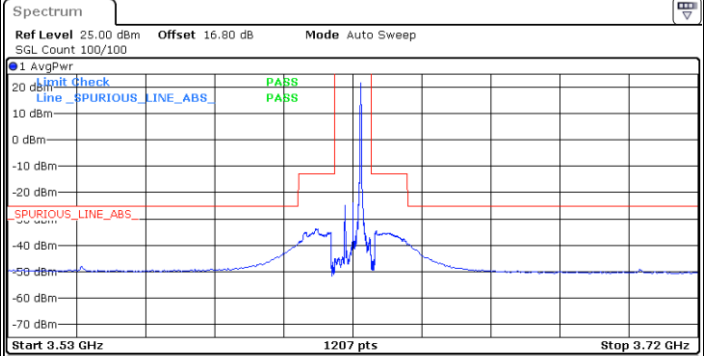
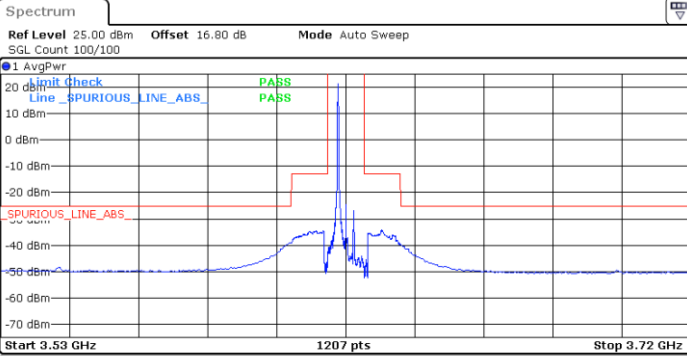


LTE Band 48 / 5MHz

16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-39.01 dBm	-14.01 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61887 GHz	-34.54 dBm	-21.54 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61907 GHz	-43.40 dBm	-30.40 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62281 GHz	21.43 dBm	-8.57 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63056 GHz	-45.44 dBm	-32.44 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63479 GHz	-34.30 dBm	-21.30 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-39.83 dBm	-14.83 dB

Spurious Emissions

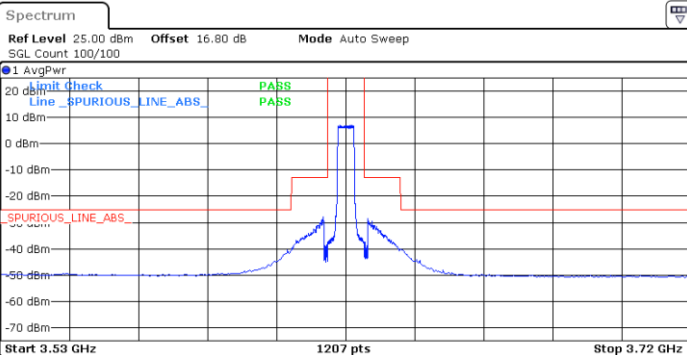
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-39.54 dBm	-14.54 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61477 GHz	-33.73 dBm	-20.73 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61952 GHz	-46.51 dBm	-33.51 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62717 GHz	21.56 dBm	-8.44 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63100 GHz	-44.28 dBm	-31.28 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63140 GHz	-34.43 dBm	-21.43 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-39.51 dBm	-14.51 dB

Date: 8.FEB.2023 14:06:54

Date: 8.FEB.2023 14:24:19

Middle Channel / FullIRB

N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60900 GHz	-40.59 dBm	-15.59 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61869 GHz	-27.78 dBm	-14.78 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61970 GHz	-30.49 dBm	-25.49 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62338 GHz	7.10 dBm	-22.90 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63024 GHz	-37.54 dBm	-24.54 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63104 GHz	-28.58 dBm	-15.58 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-40.04 dBm	-15.04 dB

Date: 8.FEB.2023 14:15:37

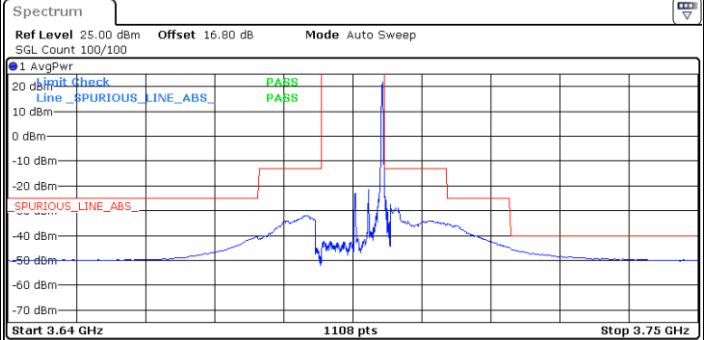
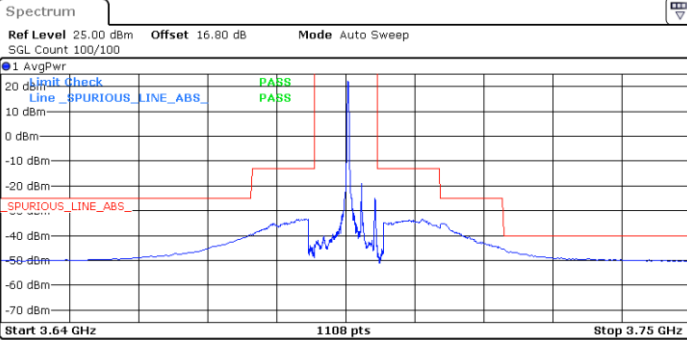


LTE Band 48 / 5MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.640 GHz	3.680 GHz	1.000 MHz	3.67980 GHz	-39.56 dBm	-14.56 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68869 GHz	-33.33 dBm	-20.33 dB
3.689 GHz	3.690 GHz	50.000 kHz	3.68928 GHz	-44.01 dBm	-31.01 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69532 GHz	22.15 dBm	-7.85 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70076 GHz	-45.27 dBm	-32.27 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70728 GHz	-33.54 dBm	-20.54 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71064 GHz	-35.08 dBm	-10.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-45.45 dBm	-5.45 dB

Spurious Emissions

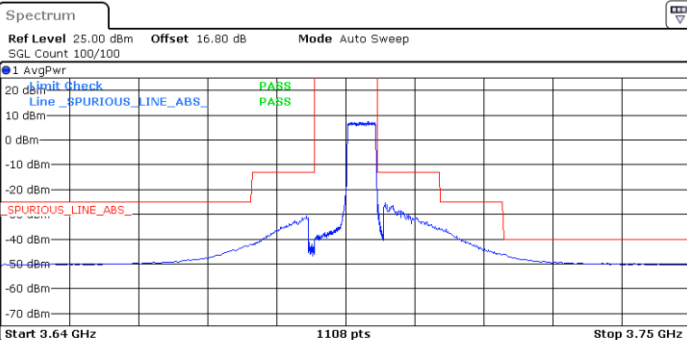
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.640 GHz	3.680 GHz	1.000 MHz	3.67980 GHz	-40.27 dBm	-15.27 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68744 GHz	-31.95 dBm	-18.95 dB
3.689 GHz	3.690 GHz	50.000 kHz	3.68921 GHz	-44.97 dBm	-31.97 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69966 GHz	21.91 dBm	-8.09 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-17.72 dBm	-4.72 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-27.62 dBm	-14.62 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-35.14 dBm	-10.14 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-45.29 dBm	-5.29 dB

Date: 8.FEB.2023 14:09:48

Date: 8.FEB.2023 14:27:14

Highest Channel / FullIRB

N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.640 GHz	3.680 GHz	1.000 MHz	3.67980 GHz	-41.86 dBm	-16.86 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68878 GHz	-30.78 dBm	-17.78 dB
3.689 GHz	3.690 GHz	50.000 kHz	3.68912 GHz	-41.27 dBm	-28.27 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69957 GHz	7.31 dBm	-22.69 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70001 GHz	-22.54 dBm	-9.54 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70131 GHz	-25.45 dBm	-12.45 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71035 GHz	-35.81 dBm	-10.81 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-46.18 dBm	-6.18 dB

Date: 8.FEB.2023 14:18:30

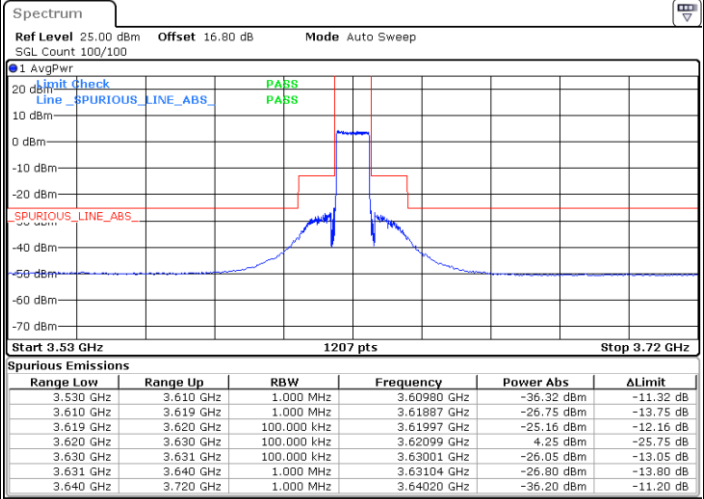
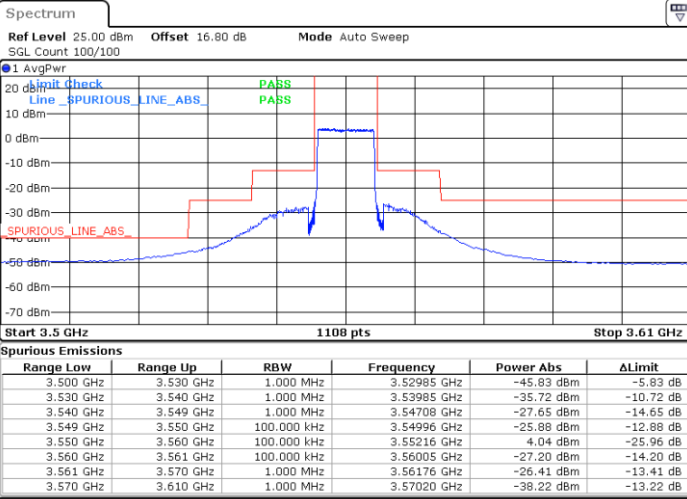


LTE Band 48 / 10MHz

16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

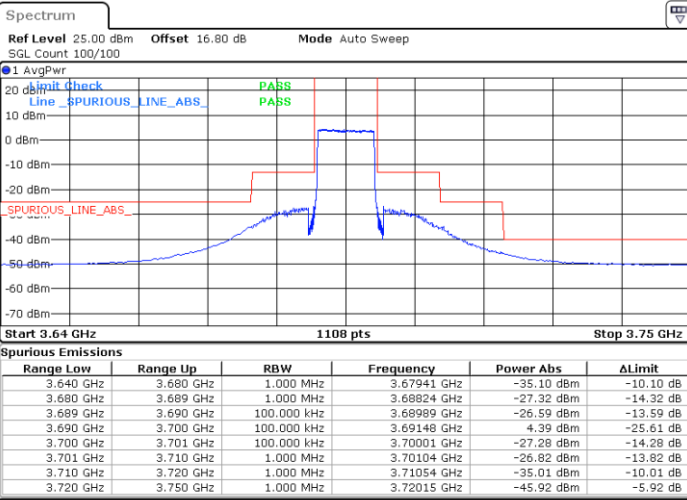


Date: 8.FEB.2023 14:30:14

Date: 8.FEB.2023 14:33:07

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:36:00

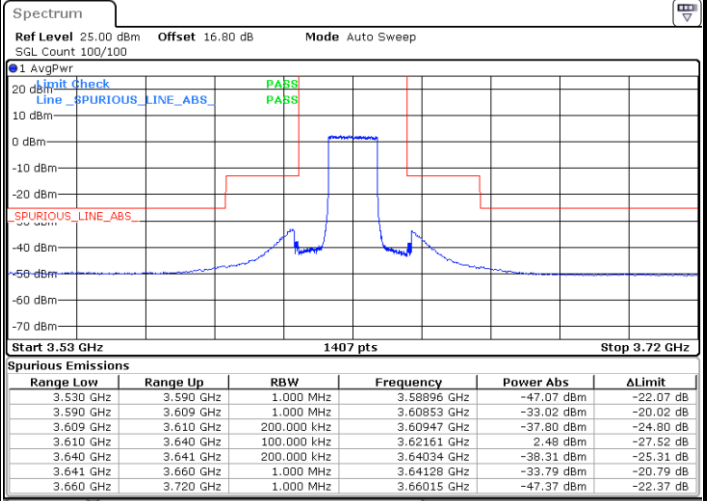
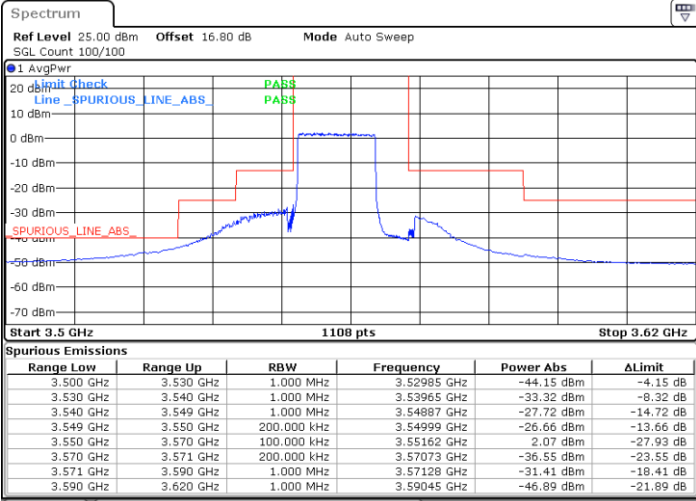


LTE Band 48 / 15MHz

16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

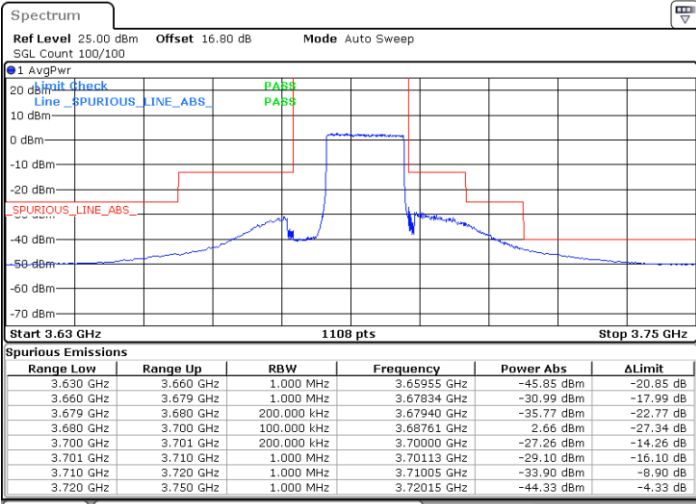


Date: 8.FEB.2023 14:39:01

Date: 8.FEB.2023 14:41:54

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:44:48

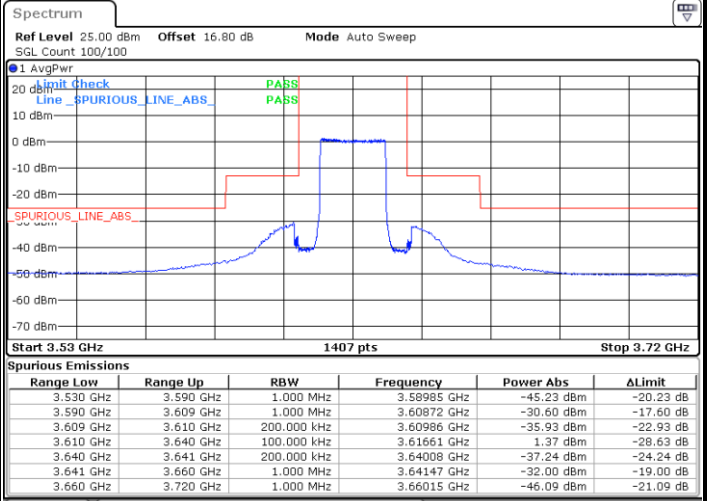
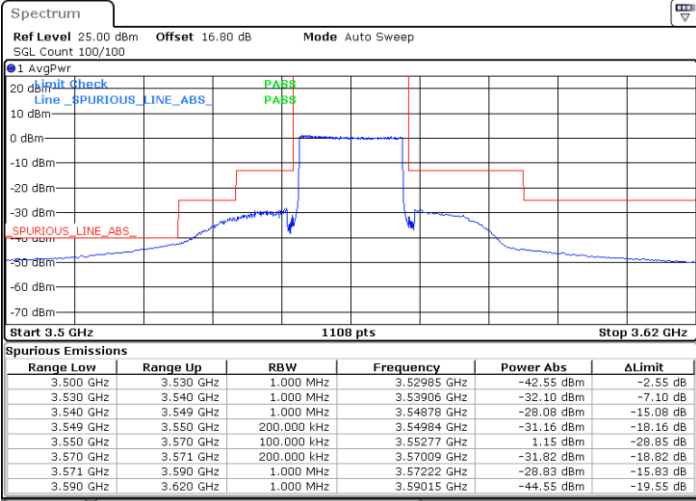


LTE Band 48 / 20MHz

16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

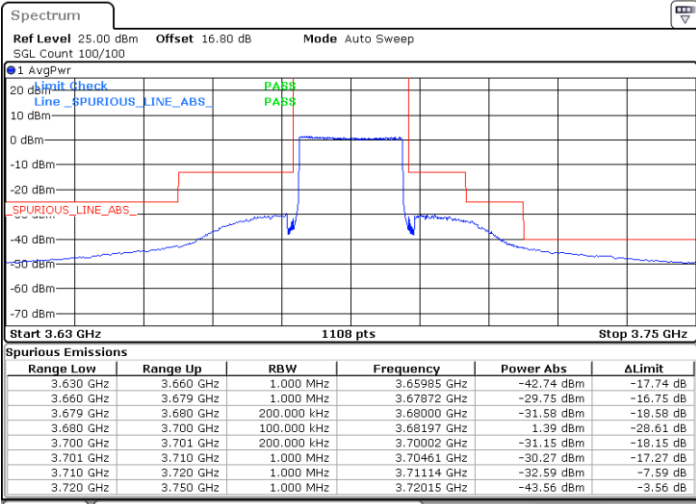


Date: 8.FEB.2023 14:47:51

Date: 8.FEB.2023 14:50:45

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:53:38

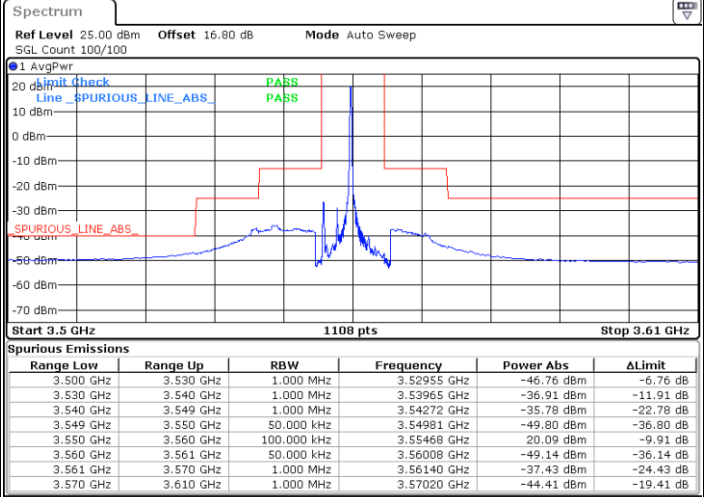
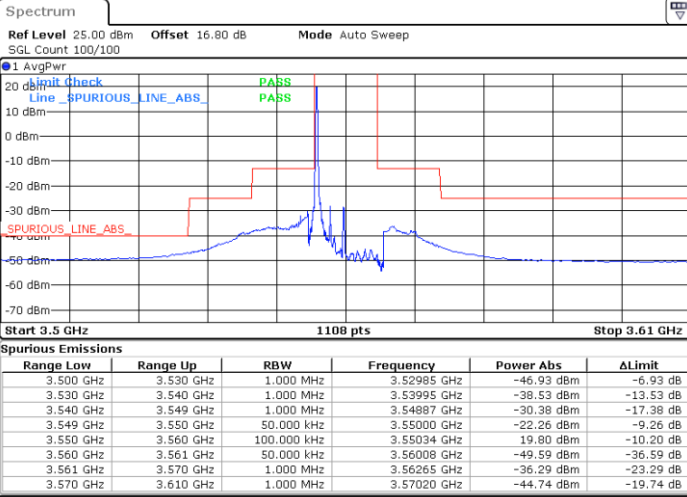


LTE Band 48 / 5MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

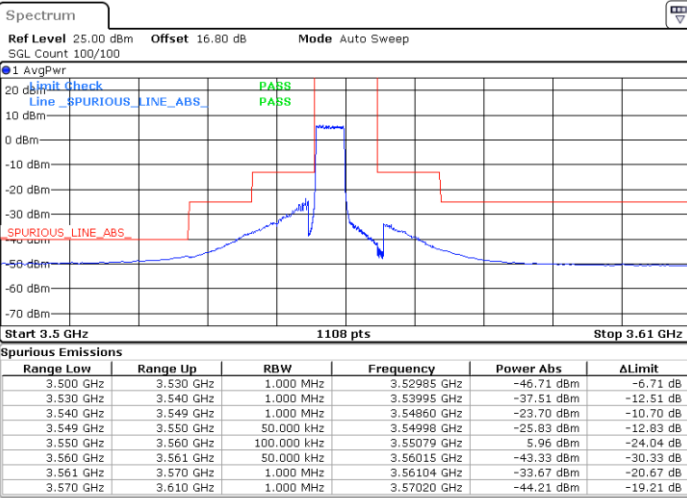


Date: 8.FEB.2023 14:04:58

Date: 8.FEB.2023 14:22:24

Lowest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:13:41

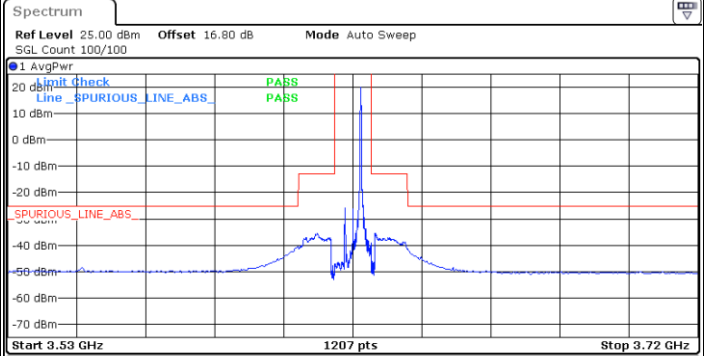
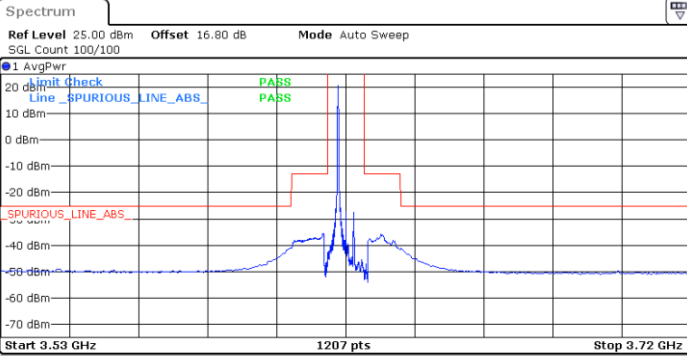


LTE Band 48 / 5MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-41.20 dBm	-16.20 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61887 GHz	-35.59 dBm	-22.59 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61988 GHz	-45.18 dBm	-32.18 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62286 GHz	20.82 dBm	-9.18 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63056 GHz	-47.07 dBm	-34.07 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63461 GHz	-35.92 dBm	-22.92 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-41.13 dBm	-16.13 dB

Spurious Emissions

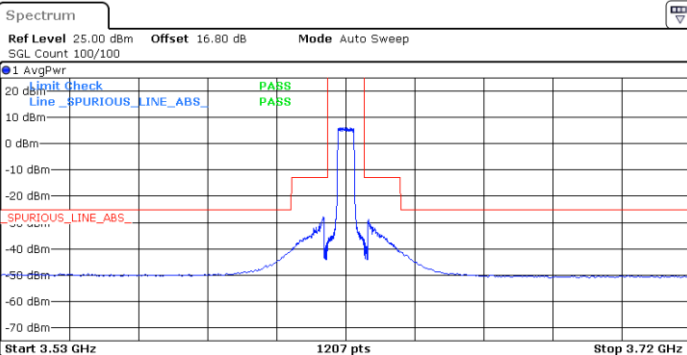
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-40.59 dBm	-15.59 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61521 GHz	-35.50 dBm	-22.50 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61940 GHz	-47.88 dBm	-34.88 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62714 GHz	20.16 dBm	-9.84 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63007 GHz	-43.59 dBm	-30.59 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63104 GHz	-35.43 dBm	-22.43 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-41.48 dBm	-16.48 dB

Date: 8.FEB.2023 14:05:57

Date: 8.FEB.2023 14:23:22

Middle Channel / FullIRB

N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-40.64 dBm	-15.64 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61887 GHz	-27.79 dBm	-14.79 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61992 GHz	-37.61 dBm	-24.61 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62320 GHz	5.14 dBm	-23.86 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63018 GHz	-37.94 dBm	-24.94 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63122 GHz	-28.76 dBm	-15.76 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-40.97 dBm	-15.97 dB

Date: 8.FEB.2023 14:14:39

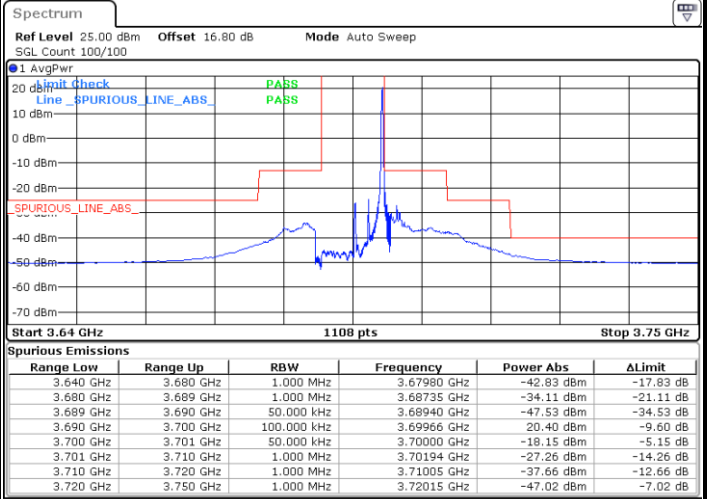
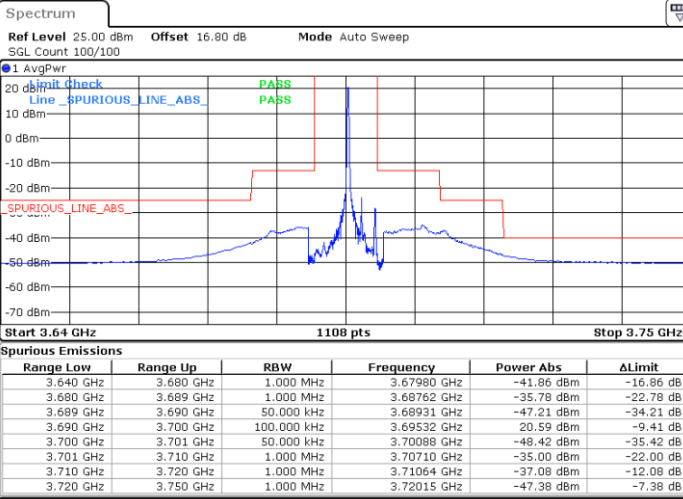


LTE Band 48 / 5MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

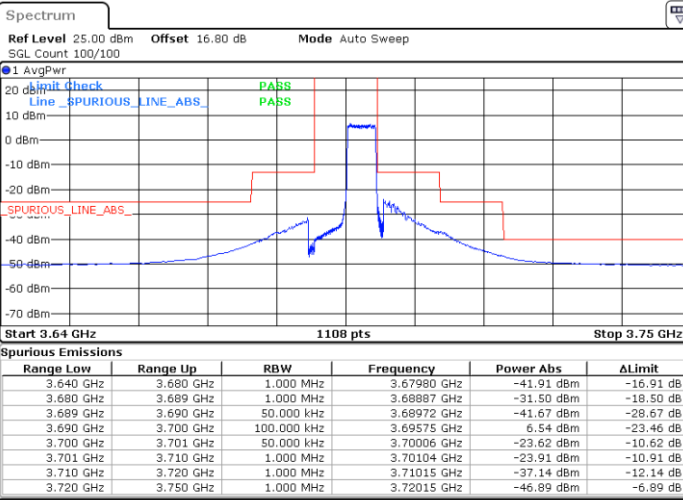


Date: 8.FEB.2023 14:10:46

Date: 8.FEB.2023 14:28:12

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:19:30

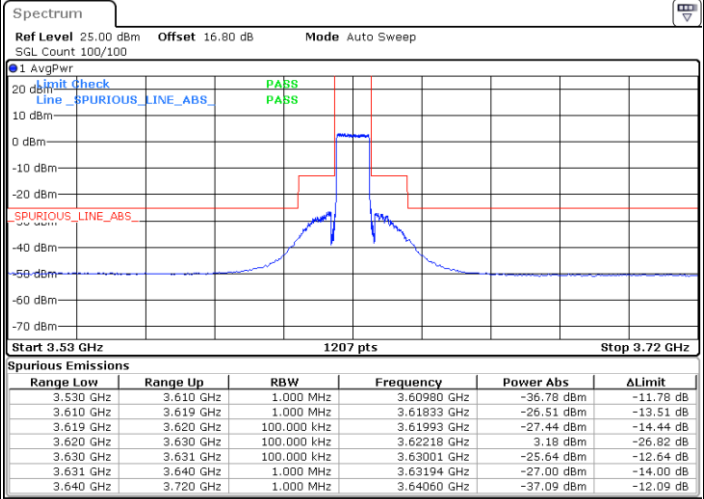
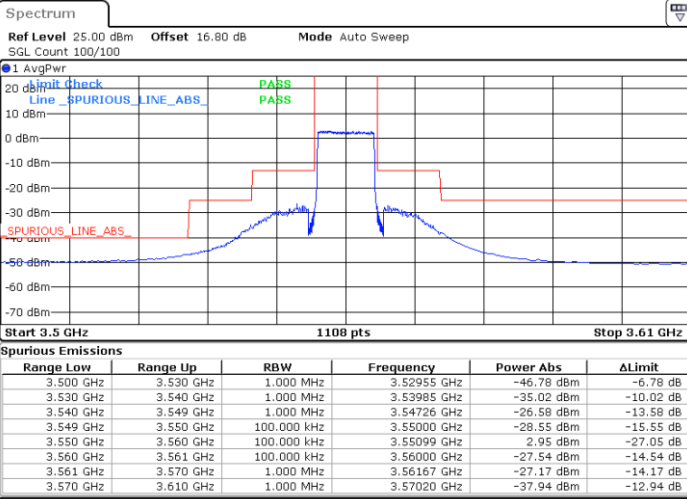


LTE Band 48 / 10MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

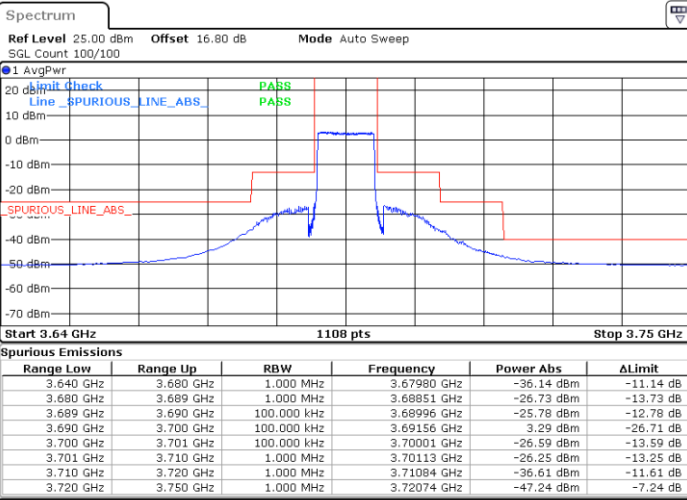


Date: 8.FEB.2023 14:29:15

Date: 8.FEB.2023 14:34:04

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:35:02

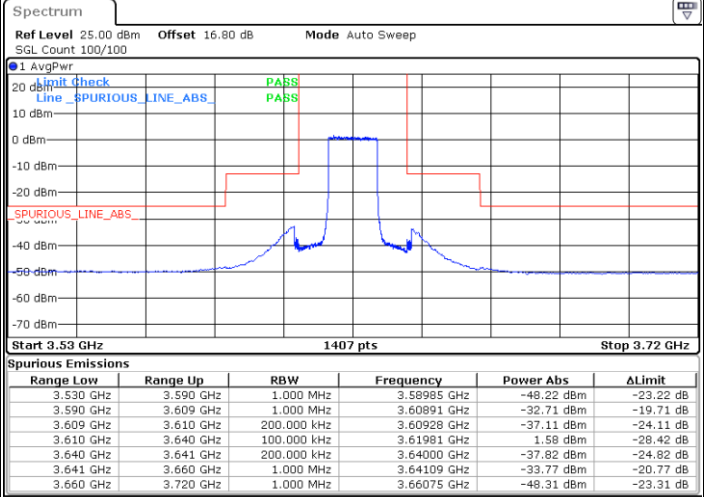
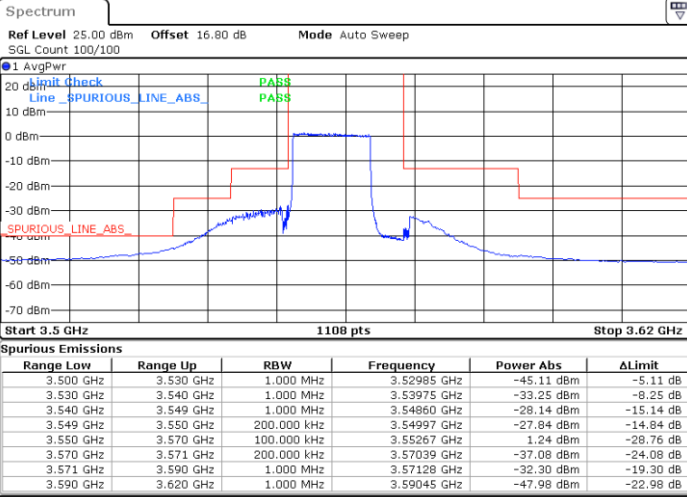


LTE Band 48 / 15MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

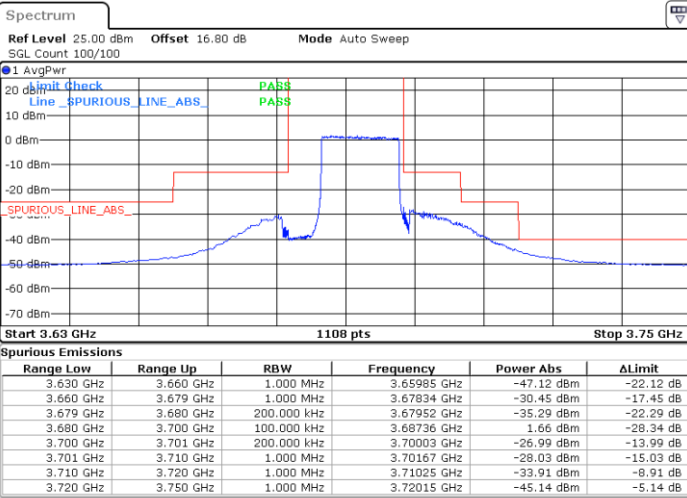


Date: 8.FEB.2023 14:39:59

Date: 8.FEB.2023 14:40:57

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 14:45:47

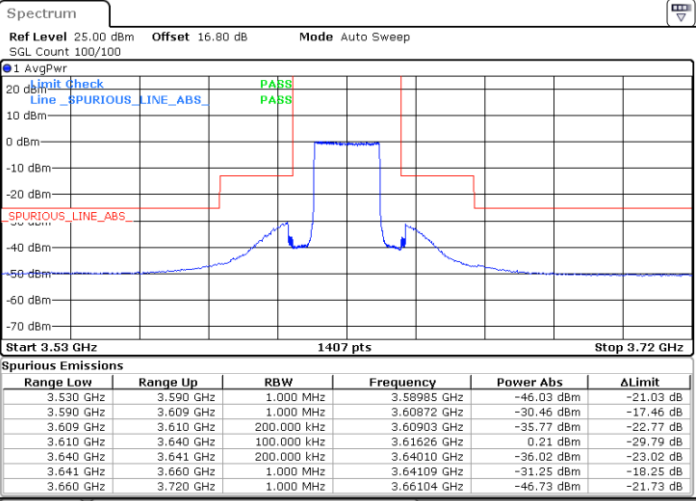
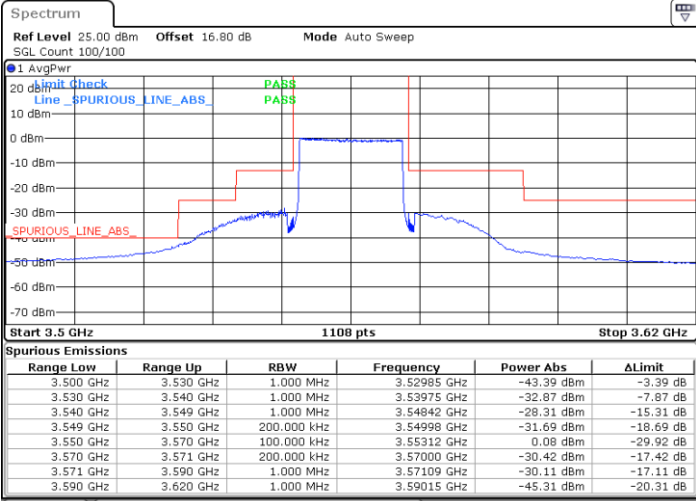


LTE Band 48 / 20MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

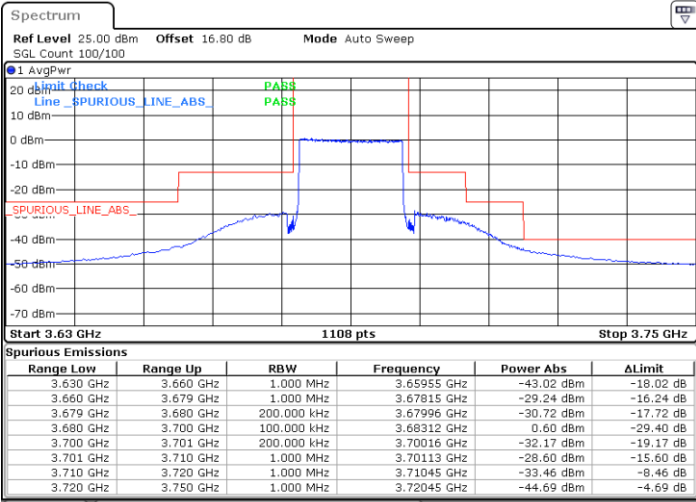


Date: 8.FEB.2023 14:46:52

Date: 8.FEB.2023 14:51:42

Highest Channel / FullIRB

N/A



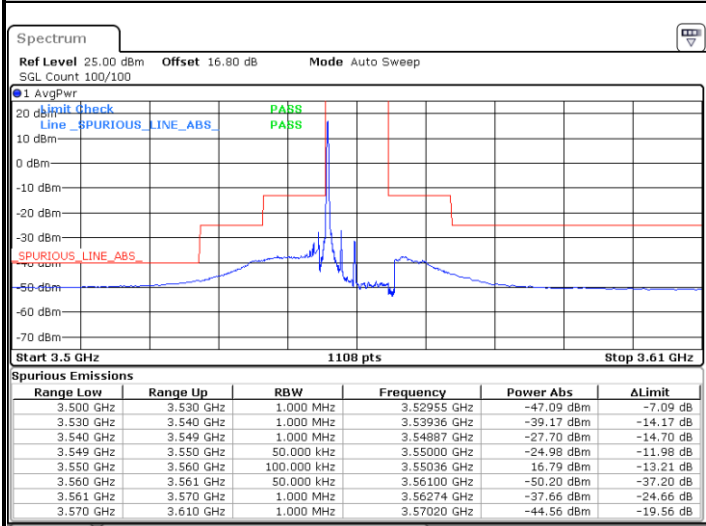
Date: 8.FEB.2023 14:52:40



LTE Band 48 / 5MHz

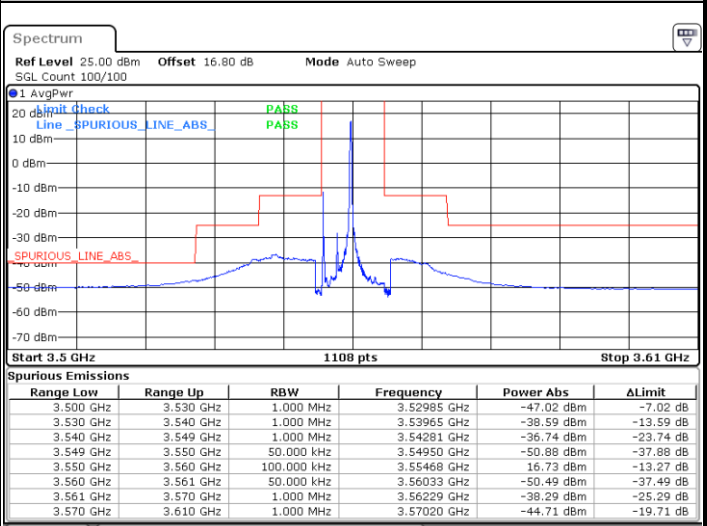
256QAM

Lowest Channel / 1RB0



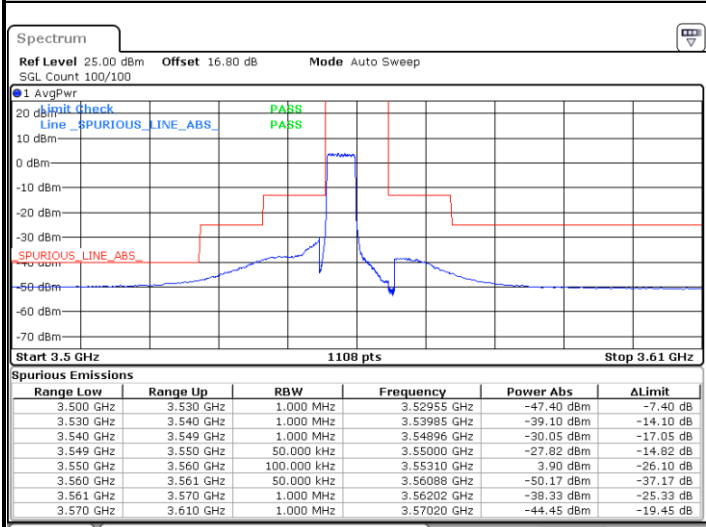
Date: 8.FEB.2023 15:27:45

Lowest Channel / 1RBmax



Date: 8.FEB.2023 15:33:33

Lowest Channel / FullIRB



Date: 8.FEB.2023 15:30:39

N/A

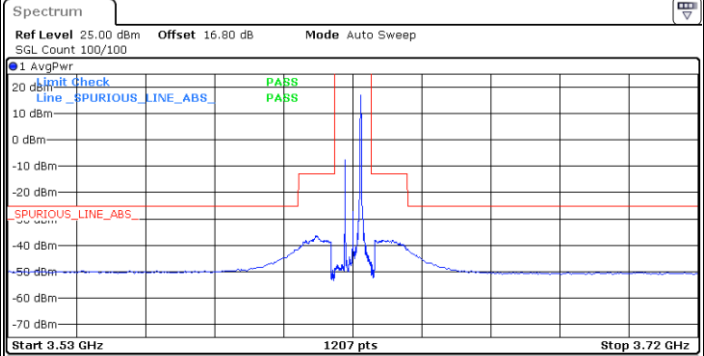
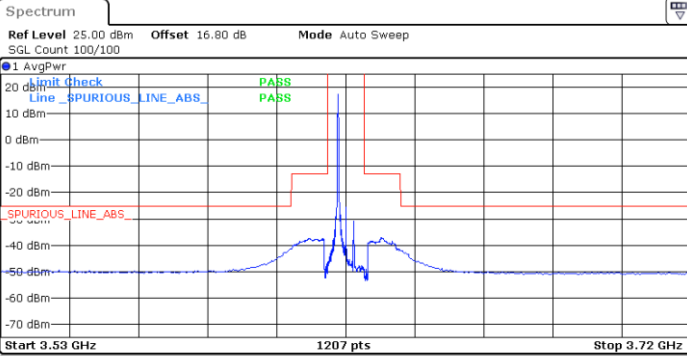


LTE Band 48 / 5MHz

256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-41.30 dBm	-16.30 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61887 GHz	-37.33 dBm	-24.33 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61975 GHz	-47.09 dBm	-34.09 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62283 GHz	17.22 dBm	-12.78 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63053 GHz	-49.09 dBm	-36.09 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63461 GHz	-37.04 dBm	-24.04 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64060 GHz	-42.22 dBm	-17.22 dB

Spurious Emissions

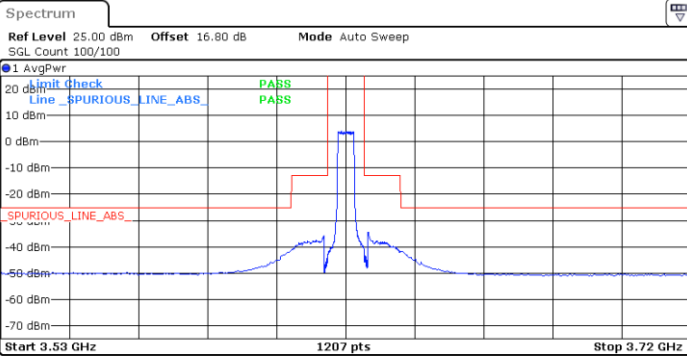
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-41.67 dBm	-16.67 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61486 GHz	-36.46 dBm	-23.46 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61941 GHz	-49.35 dBm	-36.35 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62717 GHz	16.96 dBm	-13.04 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63097 GHz	-47.41 dBm	-34.41 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63104 GHz	-38.01 dBm	-25.01 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-41.52 dBm	-16.52 dB

Date: 8.FEB.2023 15:28:43

Date: 8.FEB.2023 15:34:31

Middle Channel / FullIRB

N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.610 GHz	1.000 MHz	3.60980 GHz	-41.60 dBm	-16.60 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61896 GHz	-35.68 dBm	-22.68 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61983 GHz	-44.41 dBm	-31.41 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62383 GHz	3.91 dBm	-26.09 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63023 GHz	-43.46 dBm	-30.46 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63113 GHz	-34.38 dBm	-21.38 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-41.74 dBm	-16.74 dB

Date: 8.FEB.2023 15:31:37

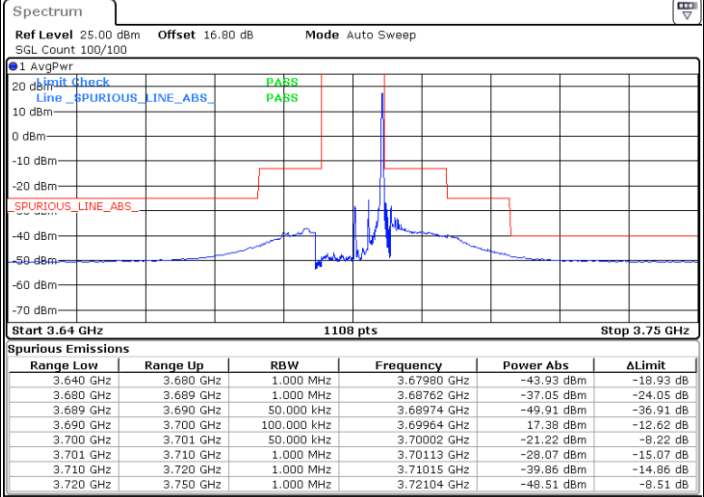
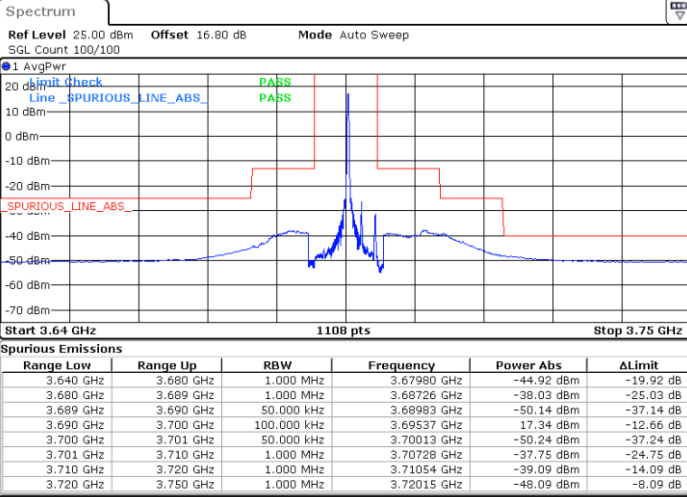


LTE Band 48 / 5MHz

256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

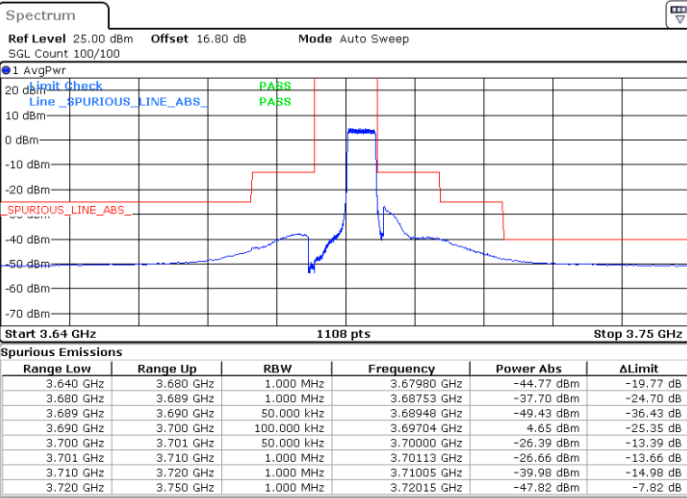


Date: 8.FEB.2023 15:29:41

Date: 8.FEB.2023 15:35:28

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 15:32:34

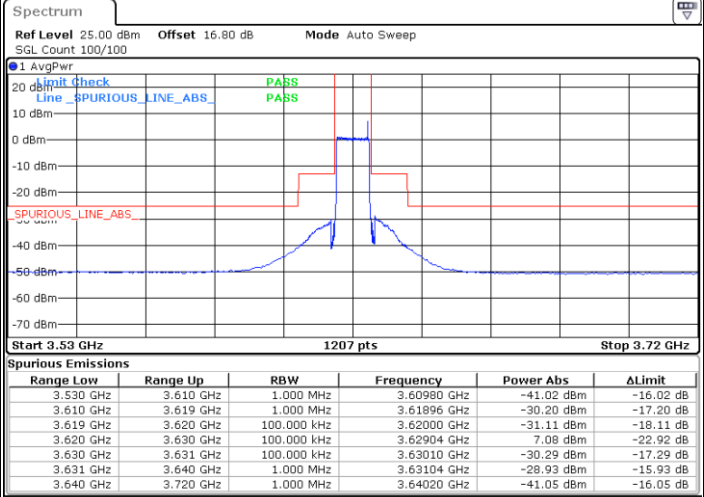
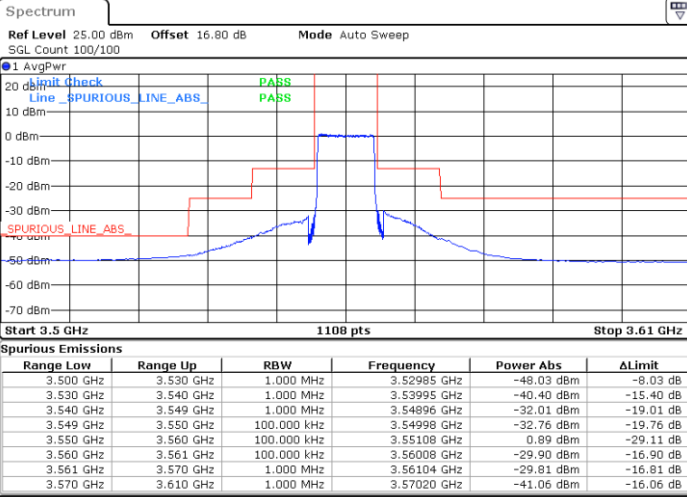


LTE Band 48 / 10MHz

256QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

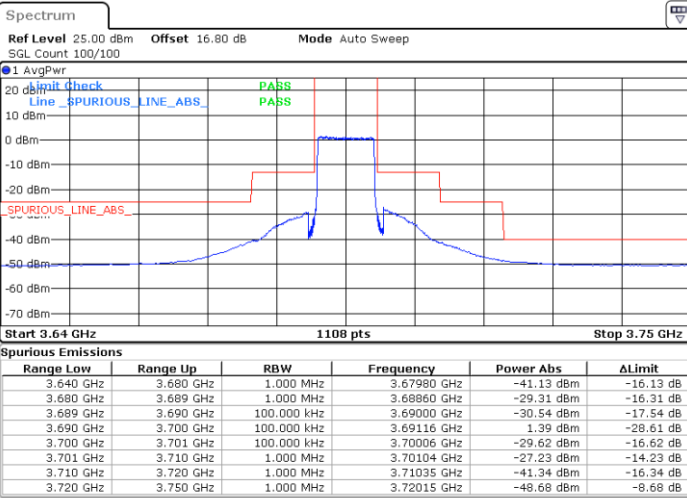


Date: 8.FEB.2023 15:36:31

Date: 8.FEB.2023 15:37:29

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 15:38:27

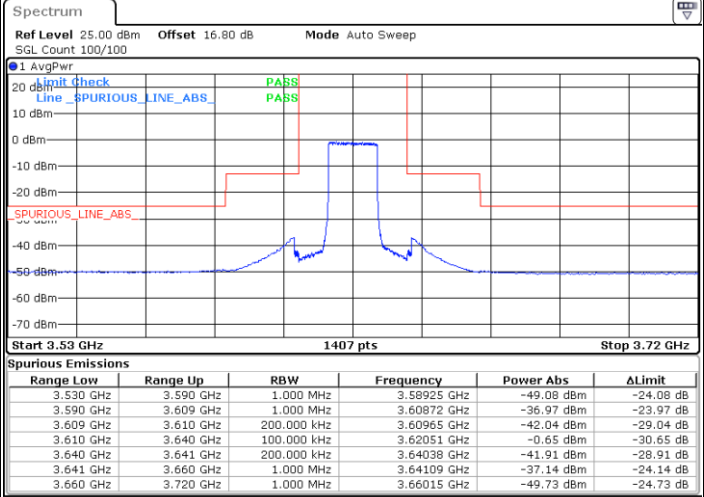
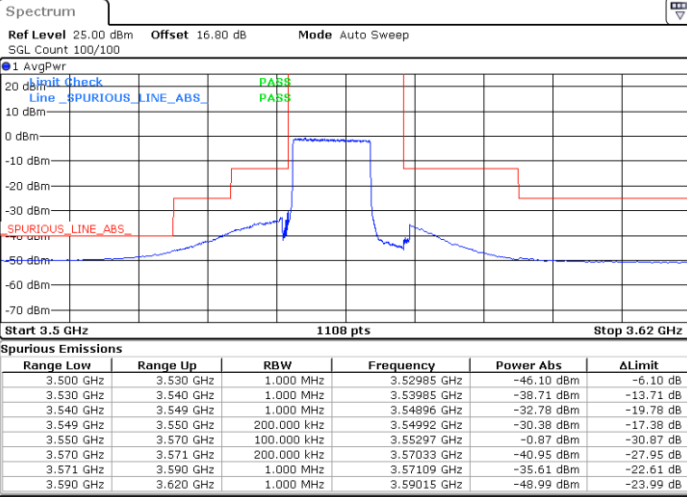


LTE Band 48 / 15MHz

256QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

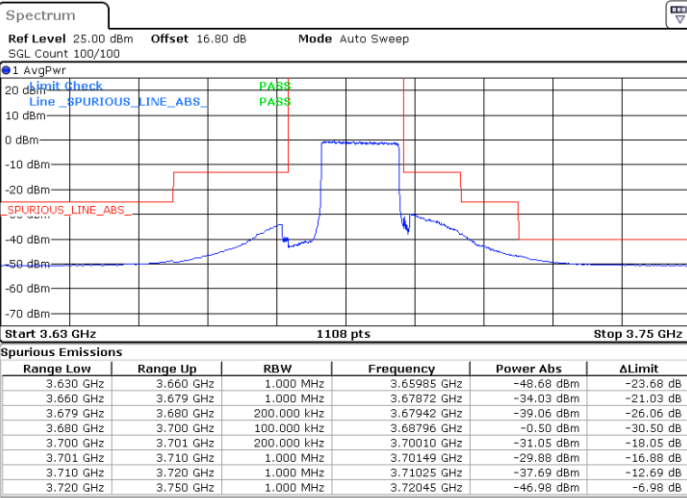


Date: 8.FEB.2023 15:39:31

Date: 8.FEB.2023 15:40:28

Highest Channel / FullIRB

N/A



Date: 8.FEB.2023 15:41:26

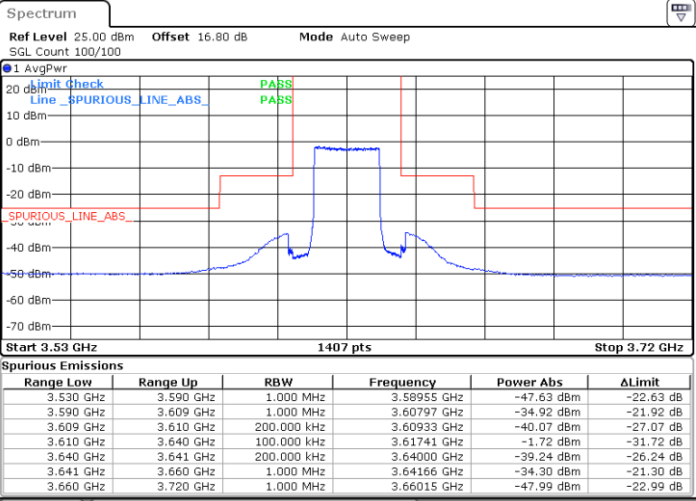
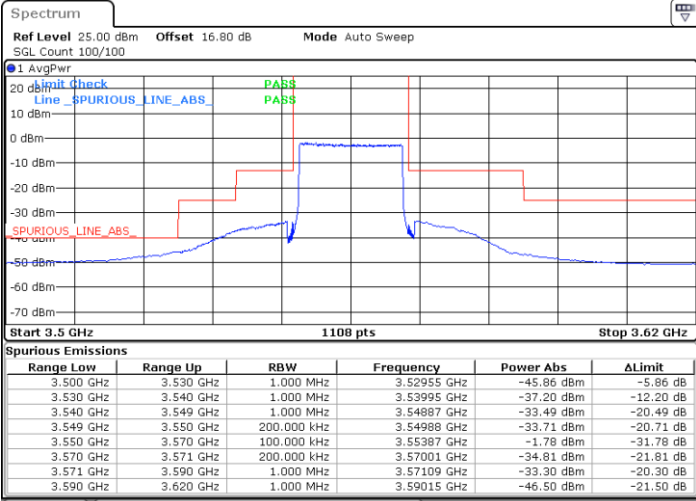


LTE Band 48 / 20MHz

256QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

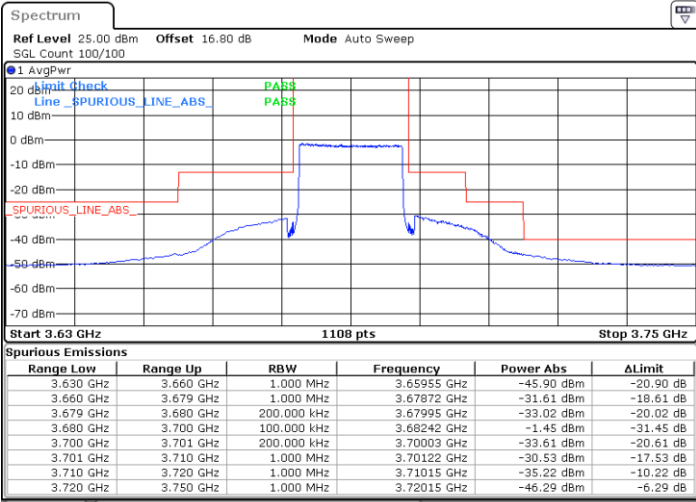


Date: 8.FEB.2023 15:42:30

Date: 8.FEB.2023 15:43:28

Highest Channel / FullIRB

N/A



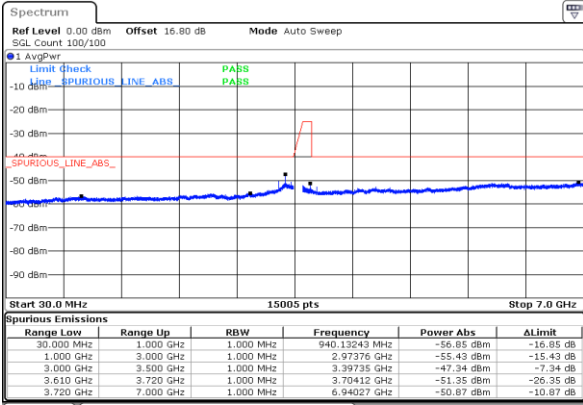
Date: 8.FEB.2023 15:44:25



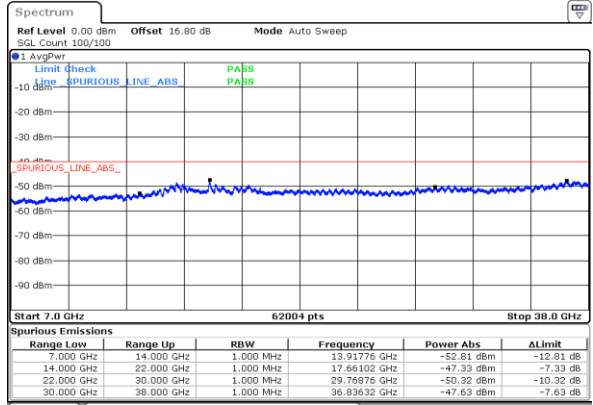
Conducted Spurious Emission

LTE Band 48 / 5MHz

Lowest Channel / QPSK

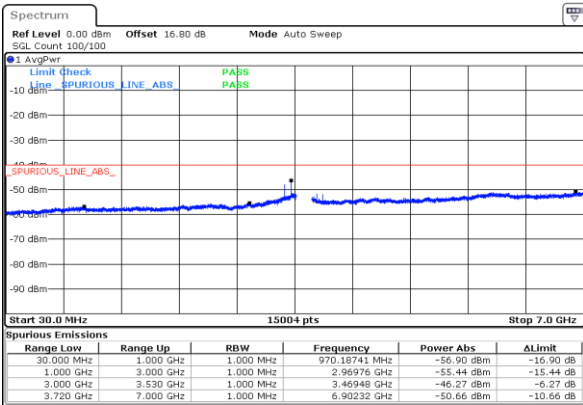


Date: 8.FEB.2023 14:55:59

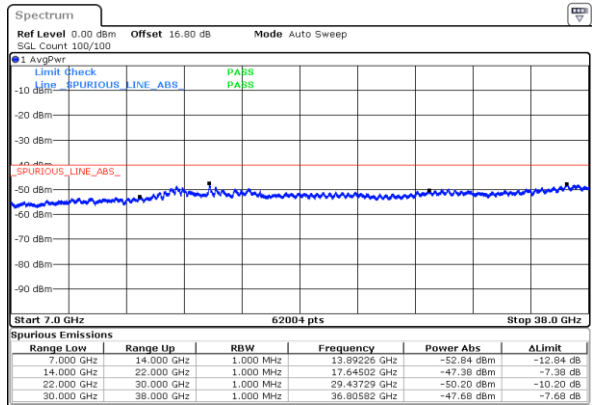


Date: 10.FEB.2023 17:46:30

Middle Channel / QPSK

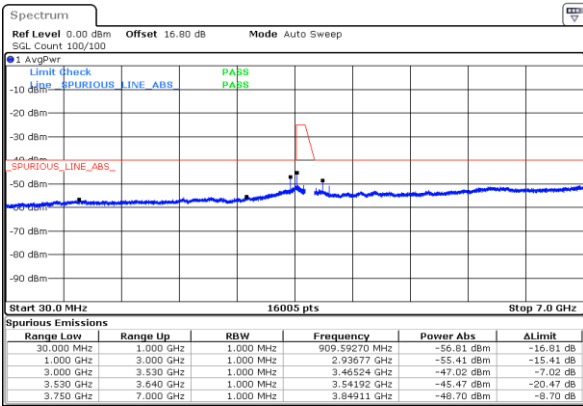


Date: 10.FEB.2023 17:34:37

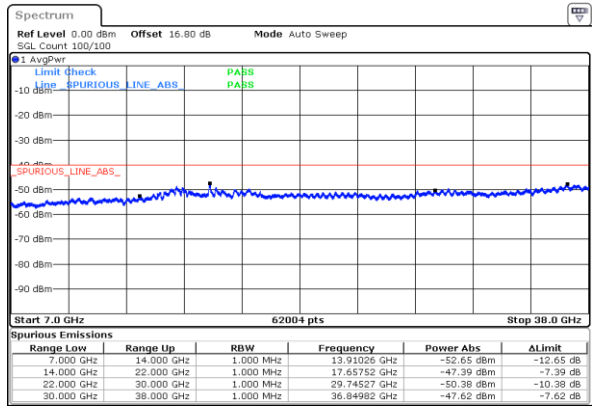


Date: 10.FEB.2023 17:33:02

Highest Channel / QPSK



Date: 8.FEB.2023 14:58:35

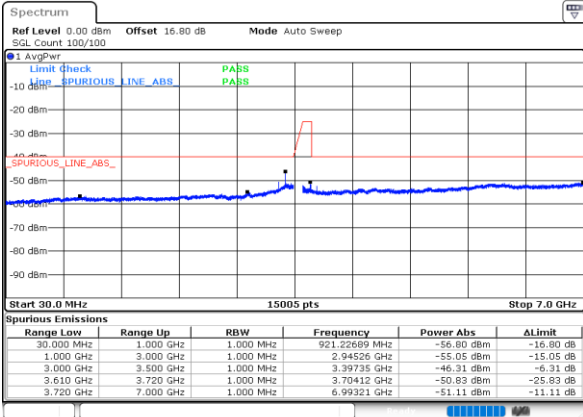


Date: 8.FEB.2023 16:42:13

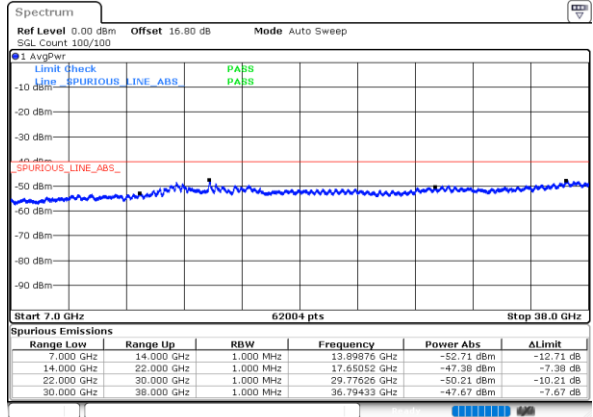


LTE Band 48 / 10MHz

Lowest Channel / QPSK

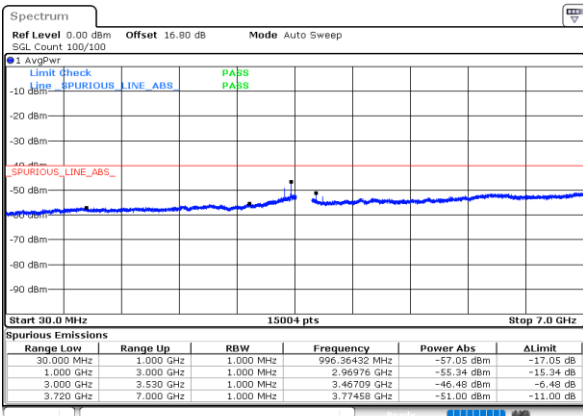


Date: 8.FEB.2023 14:59:58

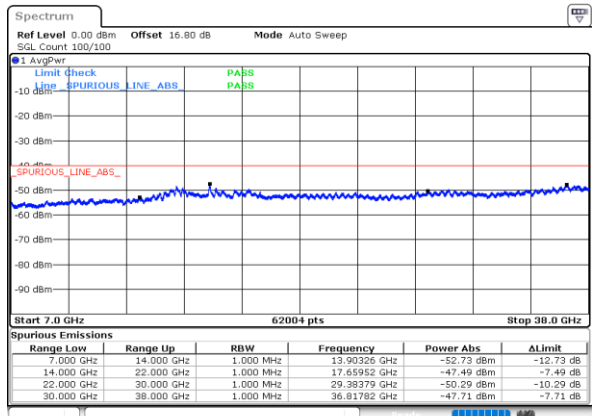


Date: 10.FEB.2023 17:13:43

Middle Channel / QPSK

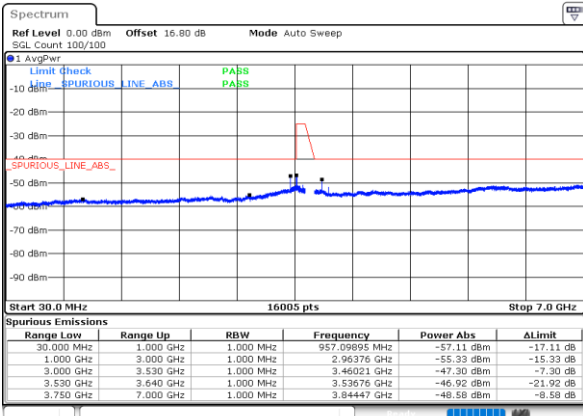


Date: 10.FEB.2023 17:37:43

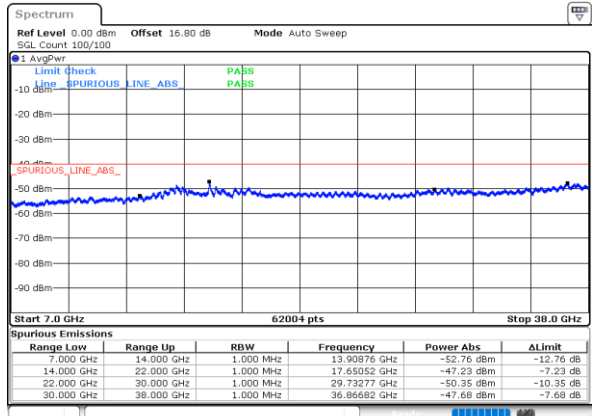


Date: 8.FEB.2023 17:16:40

Highest Channel / QPSK



Date: 8.FEB.2023 15:02:33

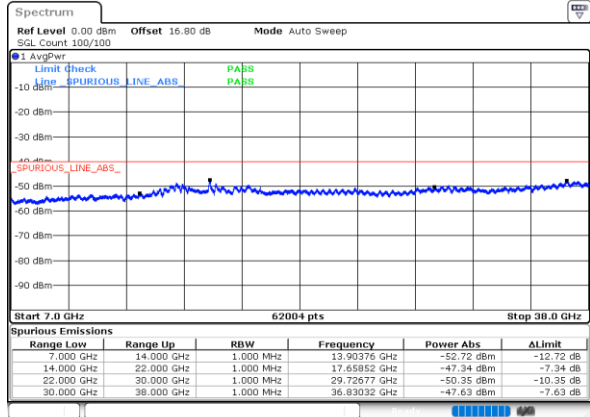
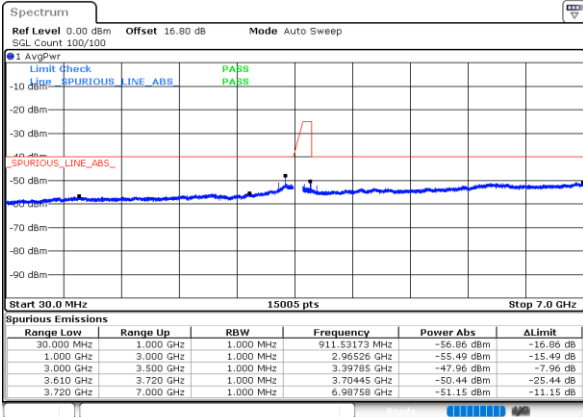


Date: 8.FEB.2023 17:00:36

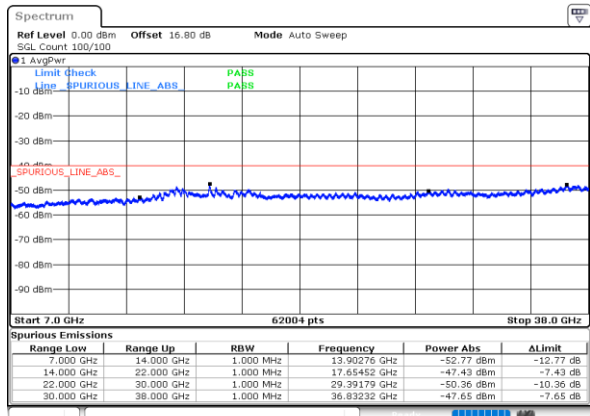
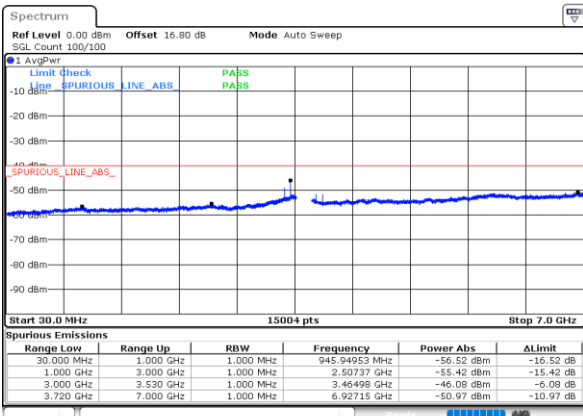


LTE Band 48 / 15MHz

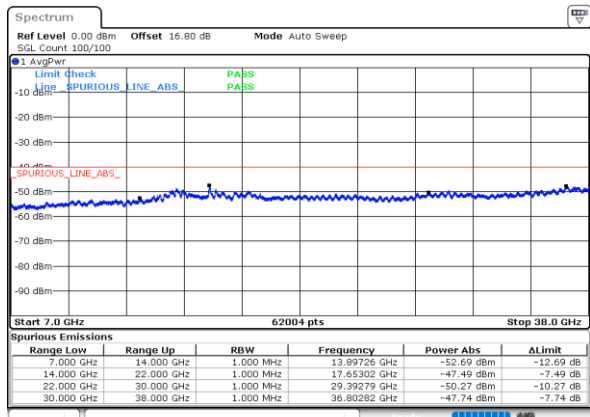
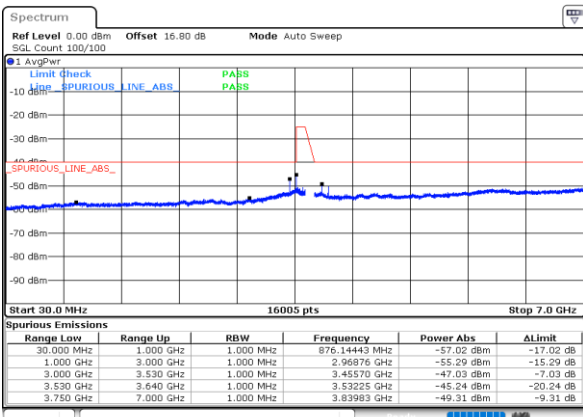
Lowest Channel / QPSK



Middle Channel / QPSK



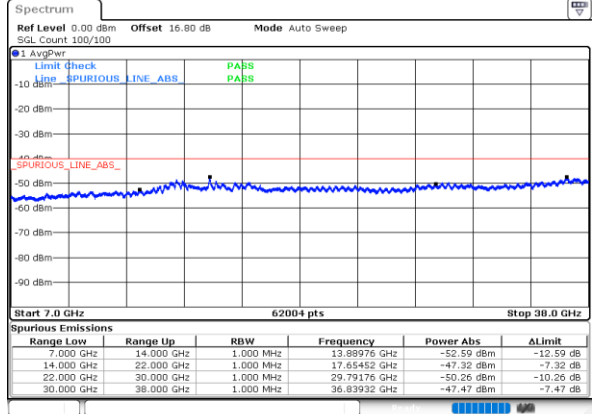
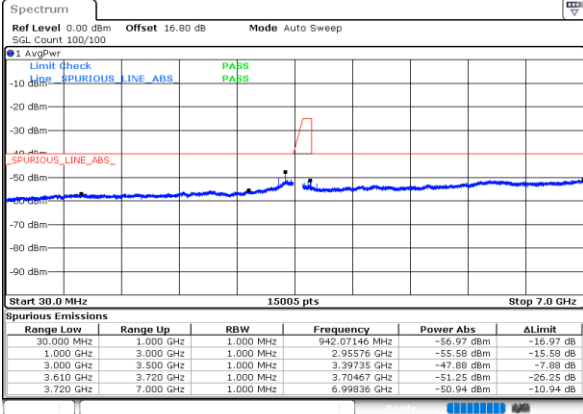
Highest Channel / QPSK



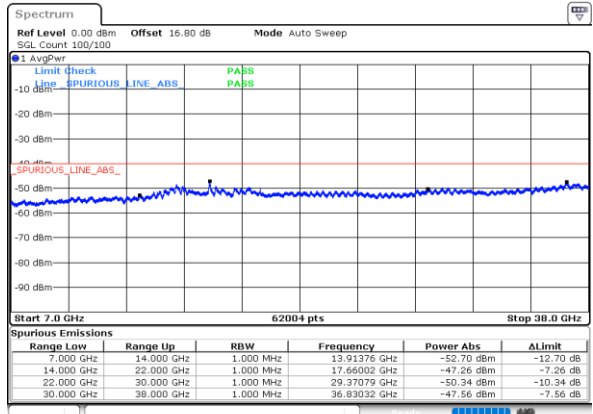
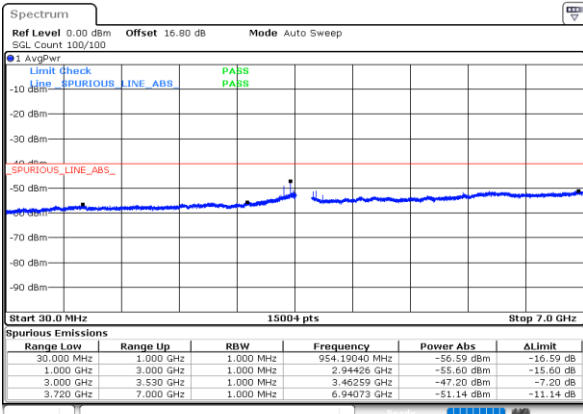


LTE Band 48 / 20MHz

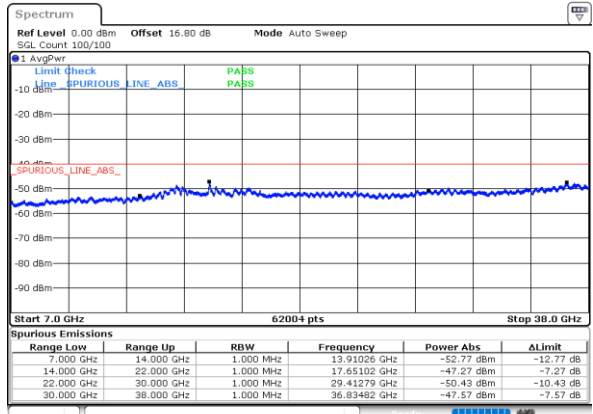
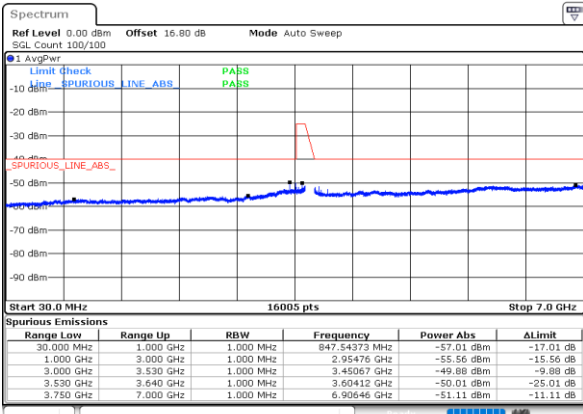
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





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	0.0011	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (ACLRP) = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Primary Antenna>

<Ant. 6>

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7100	-56.54	-40	-16.54	-81.76	-65.46	1.88	10.80	H
	10655	-53.11	-40	-13.11	-80.87	-62.33	2.38	11.60	H
	14200	-52.48	-40	-12.48	-81.16	-61.40	3.08	12.00	H
	21307	-65.88	-40	-25.88	-79.11	-81.00	3.62	18.75	H
	24858	-61.81	-40	-21.81	-79.43	-76.94	3.88	19.01	H
	28409	-60.60	-40	-20.60	-80.55	-75.49	4.17	19.06	H
	7100	-56.05	-40	-16.05	-81.89	-64.97	1.88	10.80	V
	10655	-53.64	-40	-13.64	-80.73	-62.86	2.38	11.60	V
	14200	-52.47	-40	-12.47	-80.86	-61.39	3.08	12.00	V
	21307	-65.96	-40	-25.96	-78.66	-81.08	3.62	18.75	V
	24858	-62.70	-40	-22.70	-79.69	-77.83	3.88	19.01	V
	28409	-61.34	-40	-21.34	-80.3	-76.23	4.17	19.06	V
Middle	7230	-56.46	-40	-16.46	-81.99	-64.92	1.90	10.36	H
	10850	-53.07	-40	-13.07	81.26	-62.42	2.40	11.75	H
	14464	-51.69	-40	-11.69	-80.07	-60.89	3.16	12.36	H
	18080	-66.88	-40	-26.88	-75.49	-81.53	3.42	18.07	H
	21697	-64.70	-40	-24.70	-78.04	-79.54	3.67	18.51	H
	25313	-61.47	-40	-21.47	-79.37	-76.52	3.95	19.00	H
	7230	-55.23	-40	-15.23	-81.34	-63.69	1.90	10.36	V
	10850	-53.79	-40	-13.79	-81.36	-63.14	2.40	11.75	V
	14464	-52.40	-40	-12.40	-80.84	-61.60	3.16	12.36	V
	18080	-67.25	-40	-27.25	-75.48	-81.90	3.42	18.07	V
	21697	-65.28	-40	-25.28	-78.13	-80.12	3.67	18.51	V
	25313	-62.37	-40	-22.37	-79.62	-77.42	3.95	19.00	V



Highest	7360	-56.37	-40	-16.37	-82.02	-65.11	1.92	10.66	H
	11045	-52.56	-40	-12.56	-81.07	-62.34	2.42	12.20	H
	14720	-52.26	-40	-12.26	-80.89	-61.79	3.21	12.74	H
	18405	-66.64	-40	-26.64	-76.07	-81.26	3.43	18.05	H
	22087	-65.51	-40	-25.51	-78.78	-80.62	3.72	18.83	H
	25768	-61.70	-40	-21.70	-79.62	-76.70	4.04	19.04	H
									H
	7360	-55.99	-40	-15.99	-82.08	-64.73	1.92	10.66	V
	11045	-53.52	-40	-13.52	-81.45	-63.30	2.42	12.20	V
	14720	-52.05	-40	-12.05	-80.86	-61.58	3.21	12.74	V
	18405	-67.17	-40	-27.17	-76.3	-81.79	3.43	18.05	V
	22087	-65.72	-40	-25.72	-78.58	-80.83	3.72	18.83	V
	25768	-62.17	-40	-22.17	-79.33	-77.17	4.04	19.04	V
									V

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



<ASDIV Antenna>

<Ant. 7>

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7100	-56.48	-40	-16.48	-81.7	-65.40	1.88	10.80	H
	10655	-52.85	-40	-12.85	-80.61	-62.07	2.38	11.60	H
	14200	-52.00	-40	-12.00	-80.68	-60.92	3.08	12.00	H
	21307	-65.47	-40	-25.47	-78.7	-80.59	3.62	18.75	H
	24858	-62.05	-40	-22.05	-79.67	-77.18	3.88	19.01	H
	28409	-60.51	-40	-20.51	-80.46	-75.40	4.17	19.06	H
	7100	-55.85	-40	-15.85	-81.69	-64.77	1.88	10.80	V
	10655	-53.81	-40	-13.81	-80.9	-63.03	2.38	11.60	V
	14200	-52.28	-40	-12.28	-80.67	-61.20	3.08	12.00	V
	21307	-65.87	-40	-25.87	-78.57	-80.99	3.62	18.75	V
	24858	-62.59	-40	-22.59	-79.58	-77.72	3.88	19.01	V
	28409	-61.61	-40	-21.61	-80.57	-76.50	4.17	19.06	V
Middle	7230	-56.19	-40	-16.19	-81.72	-64.65	1.90	10.36	H
	10850	-53.20	-40	-13.20	-81.39	-62.55	2.40	11.75	H
	14464	-52.36	-40	-12.36	-80.74	-61.56	3.16	12.36	H
	18080	-66.82	-40	-26.82	-75.43	-81.47	3.42	18.07	H
	21697	-64.88	-40	-24.88	-78.22	-79.72	3.67	18.51	H
	25313	-61.81	-40	-21.81	-79.71	-76.86	3.95	19.00	H
	7230	-55.68	-40	-15.68	-81.79	-64.14	1.90	10.36	V
	10850	-53.77	-40	-13.77	-81.34	-63.12	2.40	11.75	V
	14464	-52.24	-40	-12.24	-80.68	-61.44	3.16	12.36	V
	18080	-67.06	-40	-27.06	-75.29	-81.71	3.42	18.07	V
	21697	-65.36	-40	-25.36	-78.21	-80.20	3.67	18.51	V
	25313	-62.39	-40	-22.39	-79.64	-77.44	3.95	19.00	V



Highest	7360	-56.19	-40	-16.19	-81.84	-64.93	1.92	10.66	H
	11045	-52.71	-40	-12.71	-81.22	-62.49	2.42	12.20	H
	14720	-52.24	-40	-12.24	-80.87	-61.77	3.21	12.74	H
	18405	-66.71	-40	-26.71	-76.14	-81.33	3.43	18405	H
	22087	-65.52	-40	-25.52	-78.79	-80.63	3.72	22087	H
	25768	-61.14	-40	-21.14	-79.06	-76.14	4.04	25768	H
									H
	7360	-55.63	-40	-15.63	-81.72	-64.37	1.92	10.66	V
	11045	-52.85	-40	-12.85	-80.78	-62.63	2.42	12.20	V
	14720	-52.00	-40	-12.00	-80.81	-61.53	3.21	12.74	V
	18405	-66.31	-40	-26.31	-75.44	-80.93	3.43	18.05	V
	22087	-65.74	-40	-25.74	-78.6	-80.85	3.72	18.83	V
	25768	-61.81	-40	-21.81	-78.97	-76.81	4.04	19.04	V
									V

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

————THE END————