

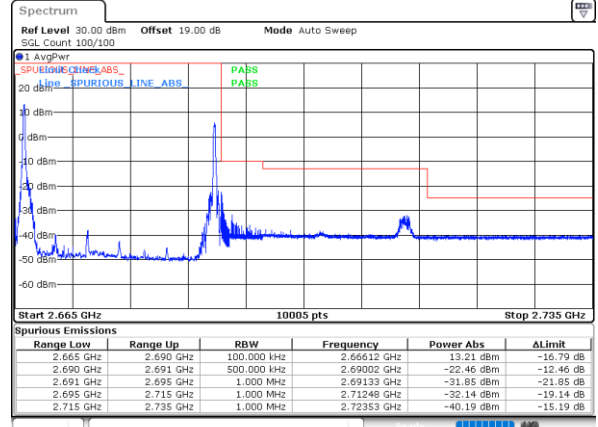
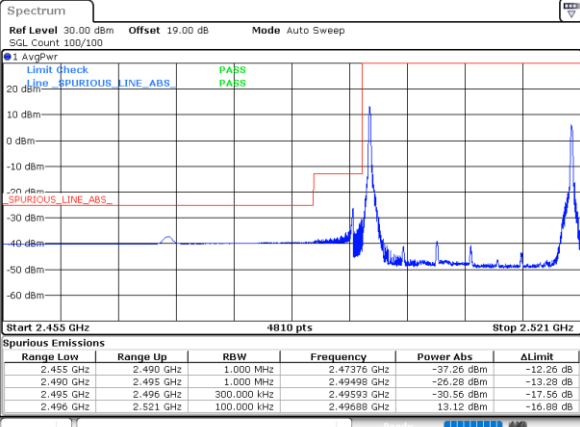


LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

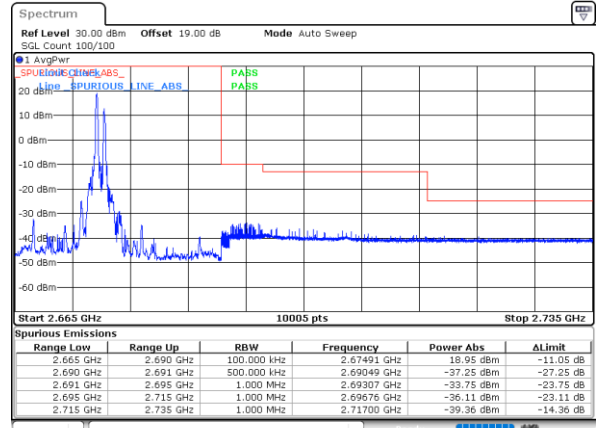
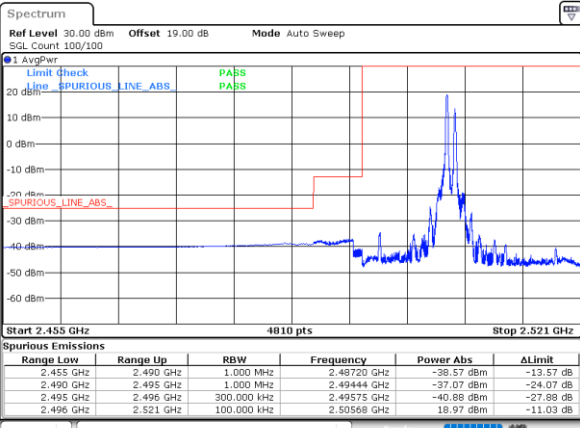


Date: 23\_SEP.2023 11:56:54

Date: 23\_SEP.2023 12:20:13

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

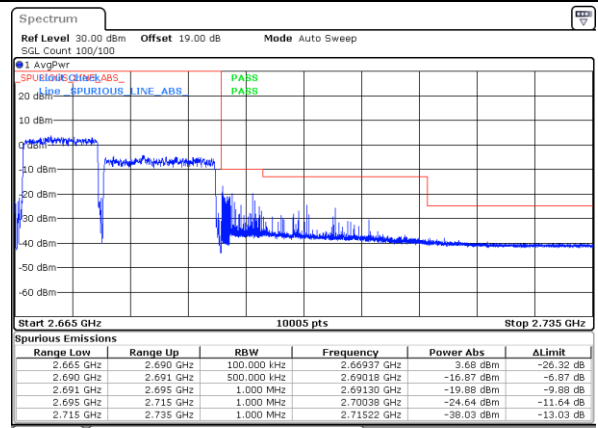
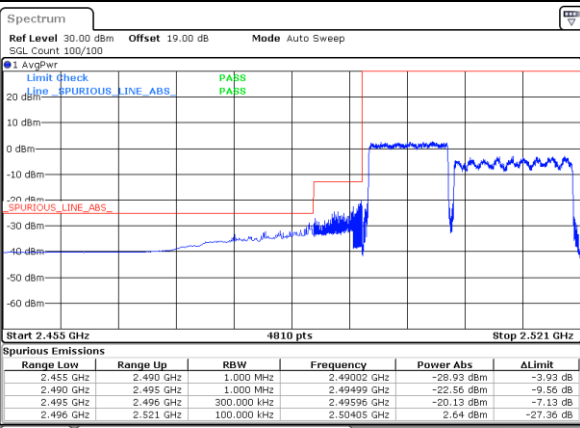


Date: 23\_SEP.2023 11:54:55

Date: 23\_SEP.2023 12:22:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_SEP.2023 12:06:45

Date: 23\_SEP.2023 12:10:20

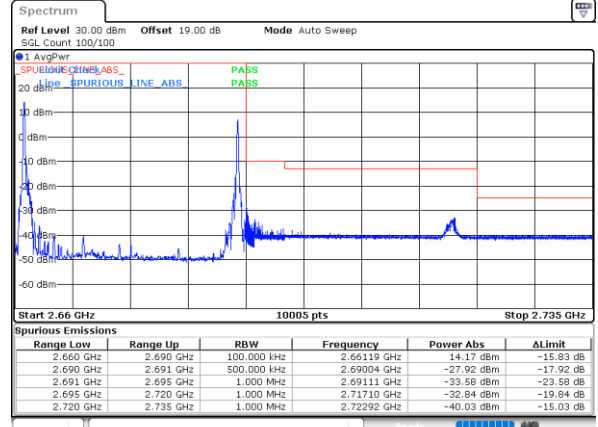
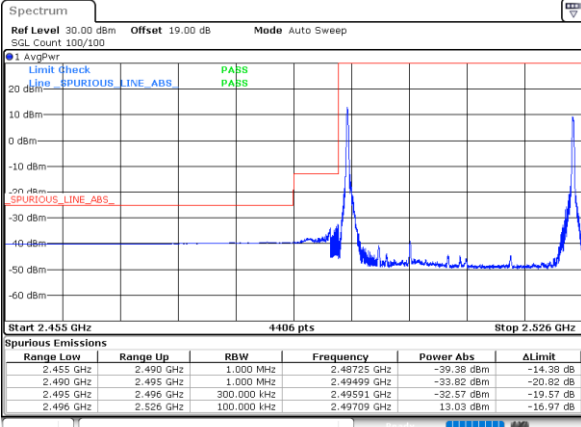


LTE Band 41C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

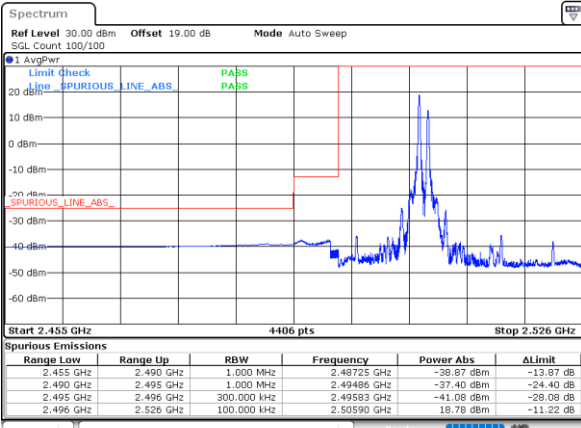


Date: 23\_SEP.2023 13:40:26

Date: 23\_SEP.2023 14:02:38

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

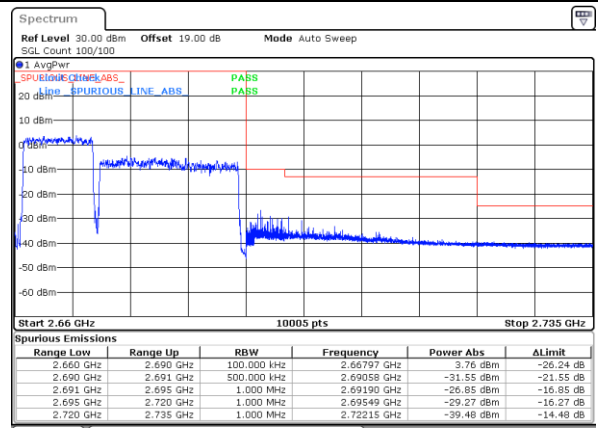
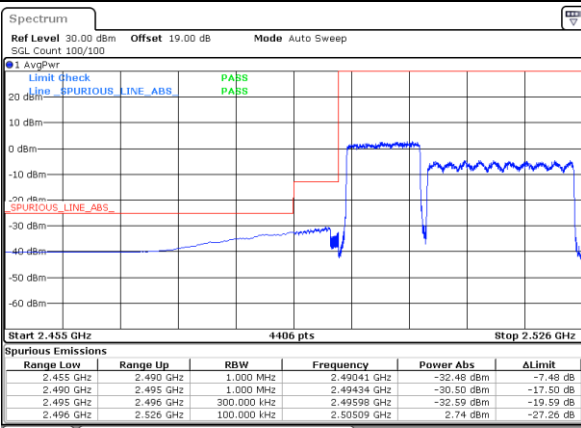


Date: 23\_SEP.2023 13:38:27

Date: 23\_SEP.2023 14:04:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_SEP.2023 13:50:20

Date: 23\_SEP.2023 13:52:45

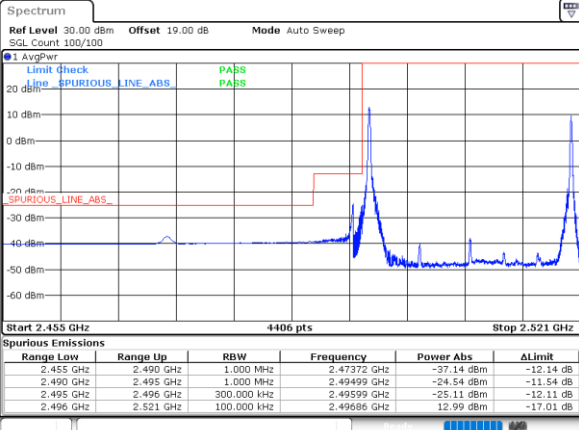


LTE Band 41C / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

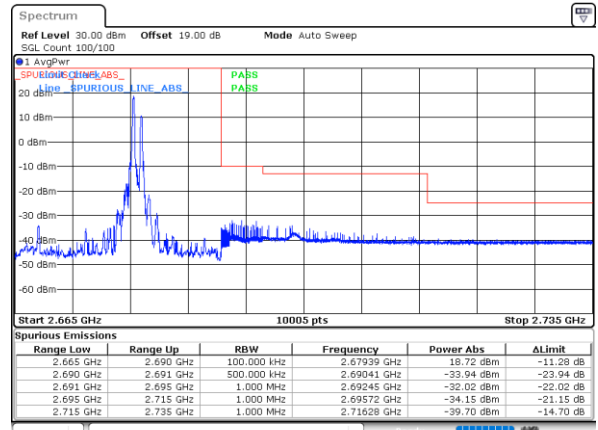
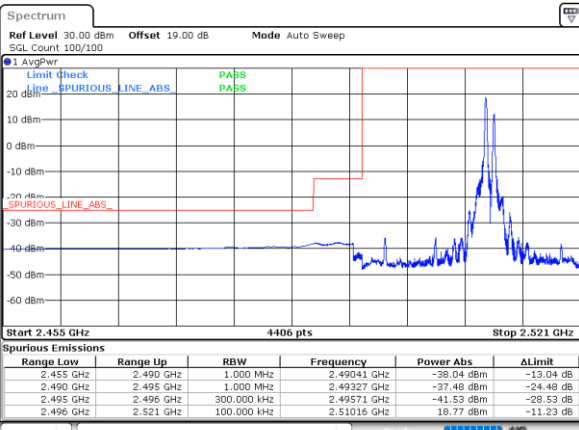


Date: 23\_SEP.2023 12:41:04

Date: 23\_SEP.2023 13:16:01

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

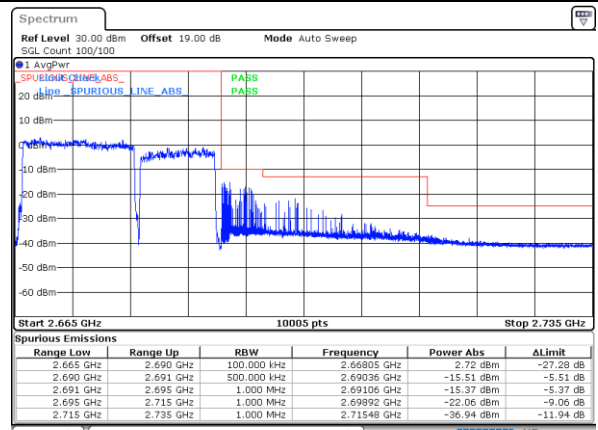
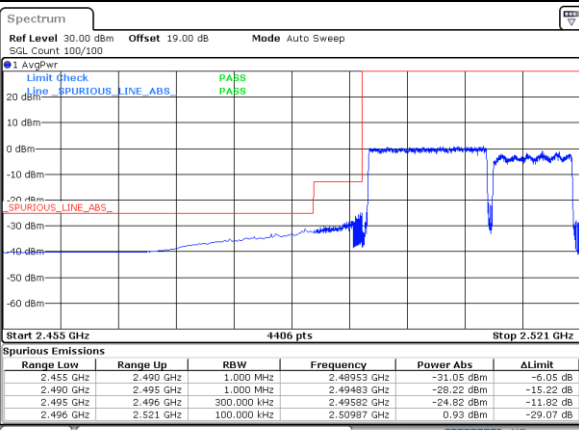


Date: 23\_SEP.2023 12:39:05

Date: 23\_SEP.2023 13:16:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_SEP.2023 12:52:53

Date: 23\_SEP.2023 13:06:08

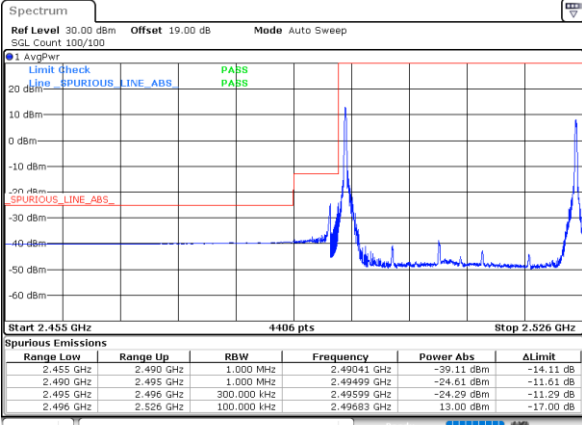


LTE Band 41C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

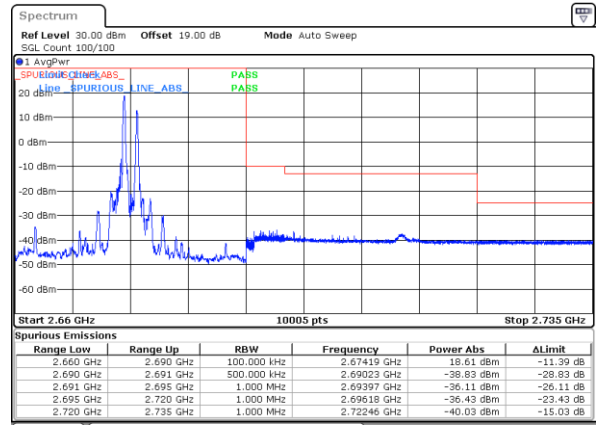
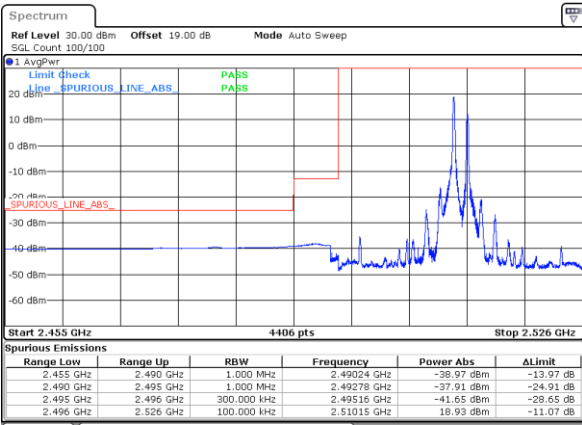


Date: 23\_SEP.2023 14:52:02

Date: 23\_SEP.2023 15:02:55

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

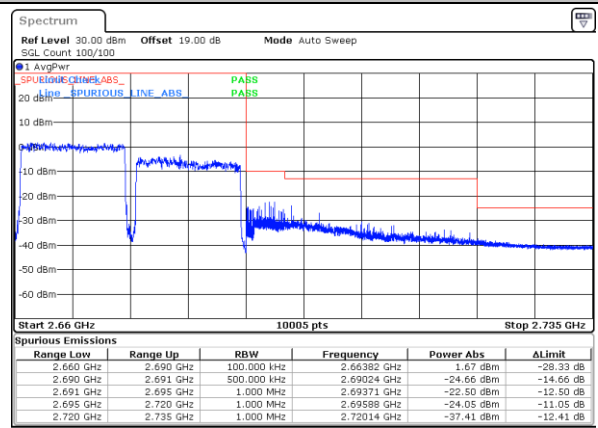
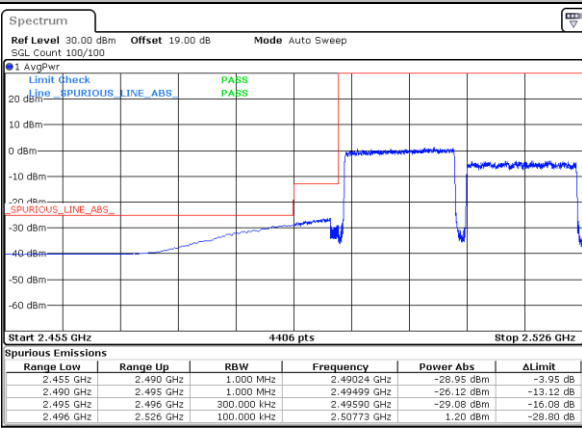


Date: 23\_SEP.2023 14:51:05

Date: 23\_SEP.2023 15:03:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_SEP.2023 14:56:44

Date: 23\_SEP.2023 14:58:13

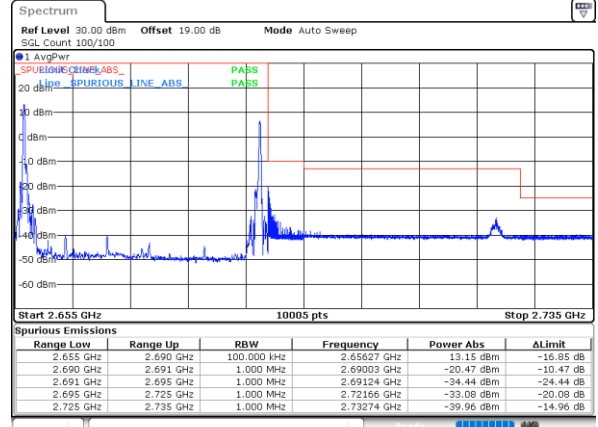
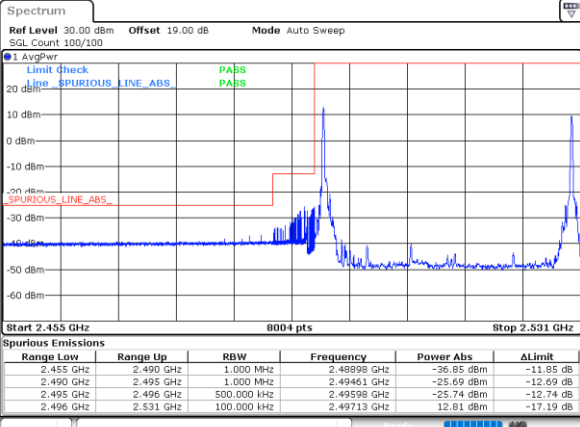


LTE Band 41C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

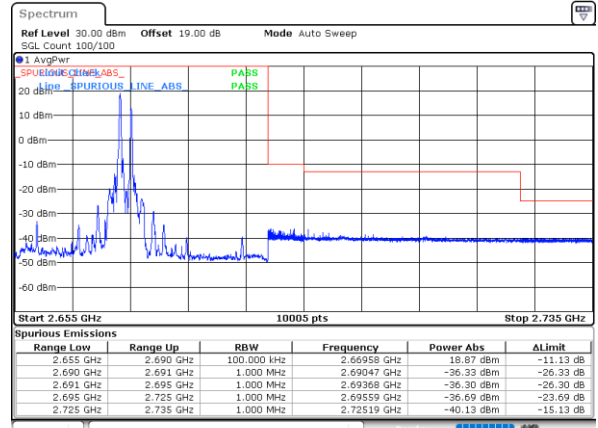
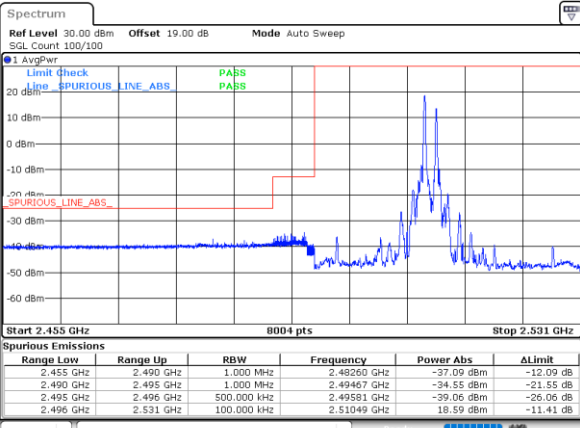


Date: 23\_SEP.2023 15:17:17

Date: 23\_SEP.2023 15:10:20

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

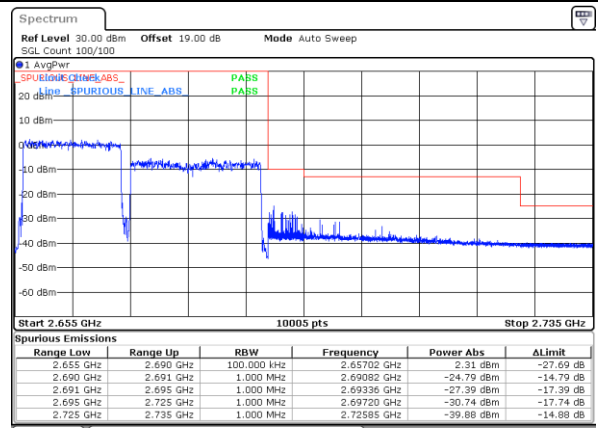
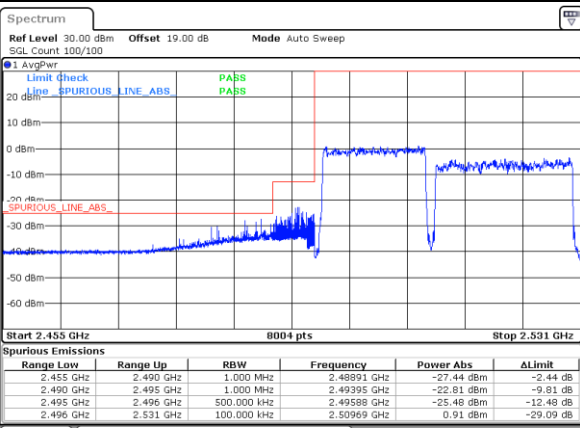


Date: 23\_SEP.2023 15:16:18

Date: 23\_SEP.2023 15:31:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_SEP.2023 15:22:12

Date: 23\_SEP.2023 15:25:27

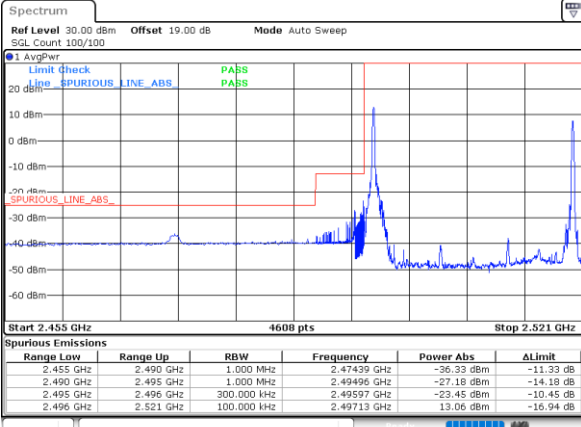


LTE Band 41C / 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

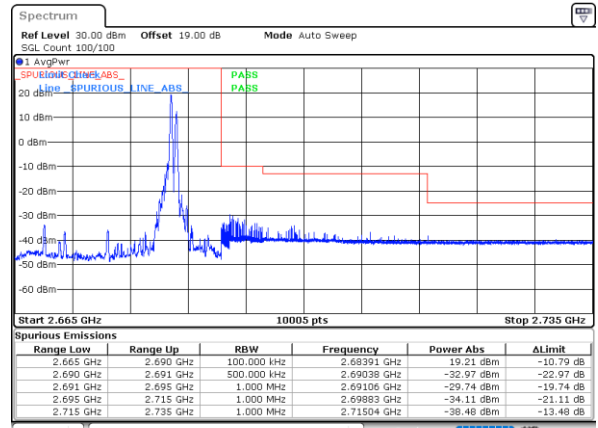
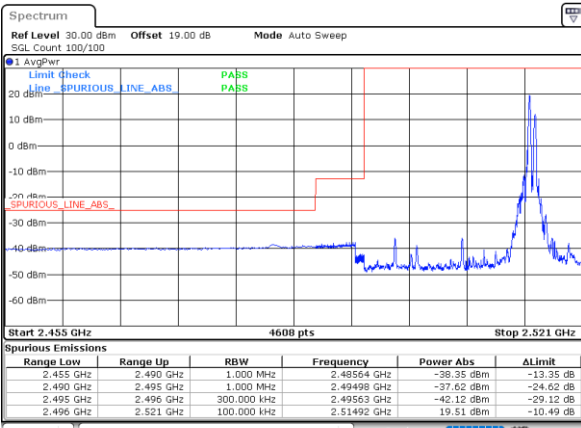


Date: 23\_SEP.2023 11:09:18

Date: 23\_SEP.2023 11:32:40

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

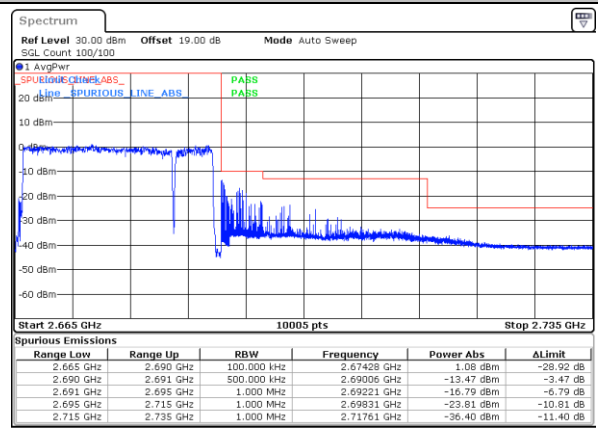
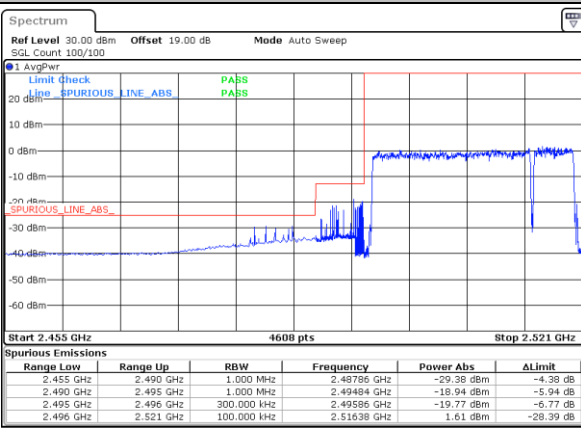


Date: 23\_SEP.2023 11:07:19

Date: 23\_SEP.2023 11:34:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_SEP.2023 11:19:12

Date: 23\_SEP.2023 11:22:47



LTE Band 41C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

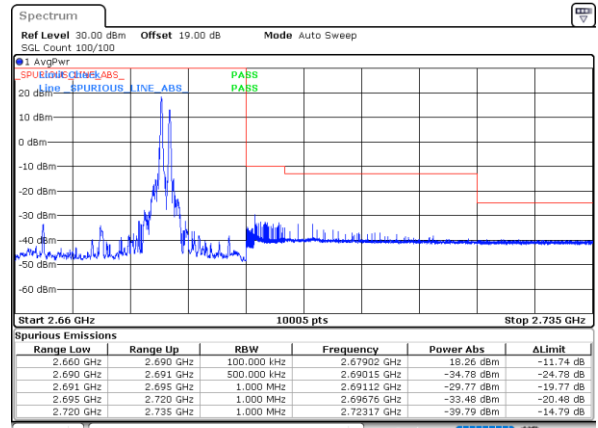
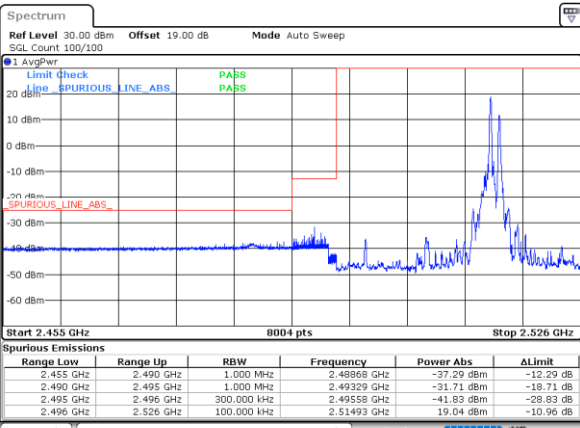


Date: 23\_SEP.2023 14:22:15

Date: 23\_SEP.2023 14:34:29

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

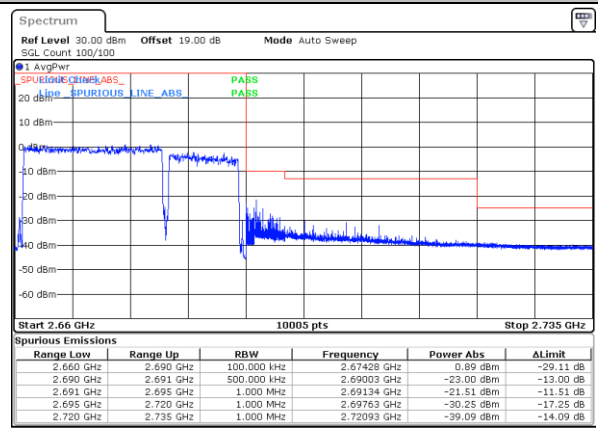
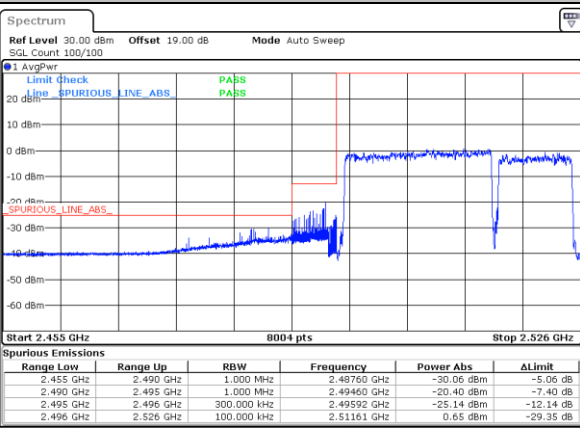


Date: 23\_SEP.2023 14:21:16

Date: 23\_SEP.2023 14:35:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_SEP.2023 14:27:10

Date: 23\_SEP.2023 14:29:36

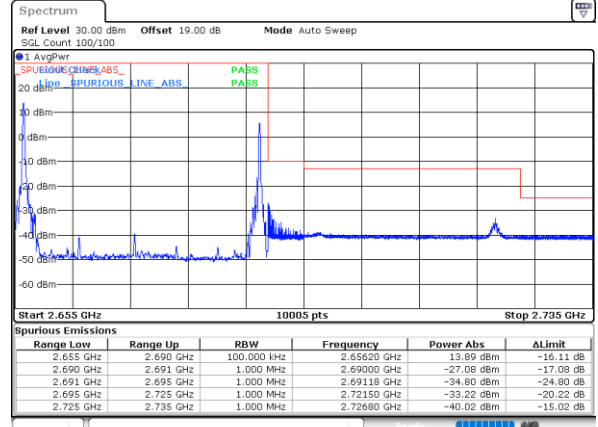


LTE Band 41C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

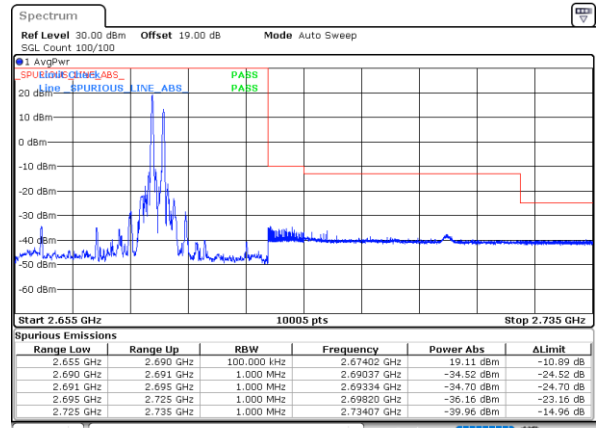
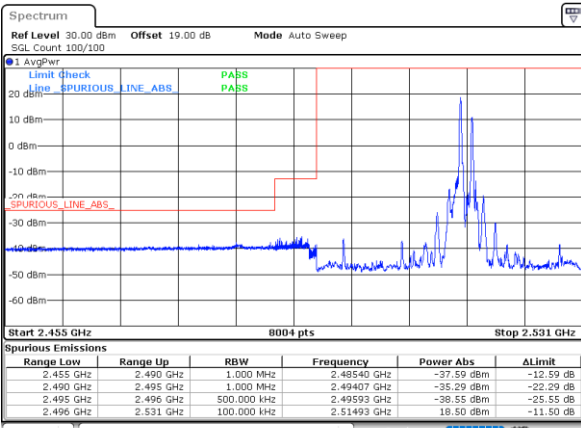


Date: 23\_SEP.2023 15:45:44

Date: 23\_SEP.2023 16:00:52

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

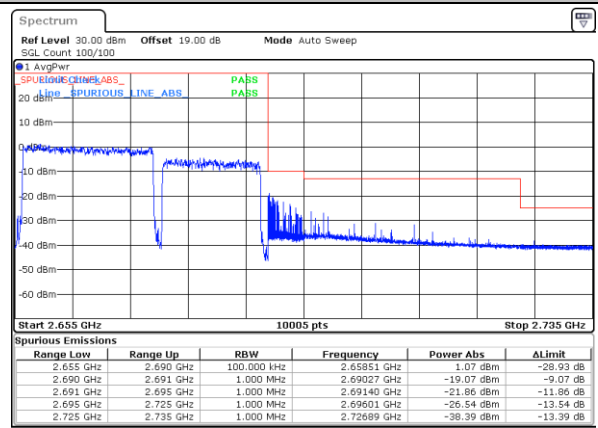
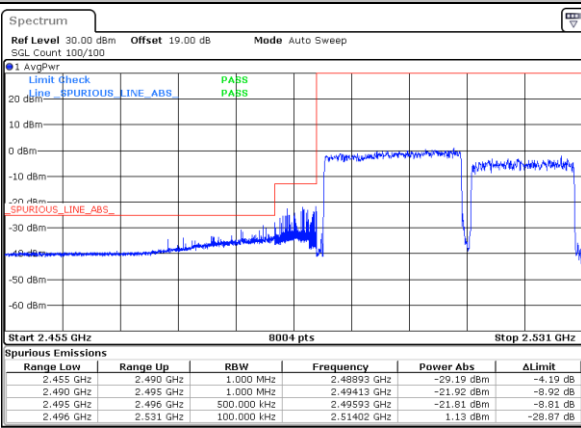


Date: 23\_SEP.2023 15:44:45

Date: 23\_SEP.2023 16:01:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_SEP.2023 15:50:39

Date: 23\_SEP.2023 15:55:58



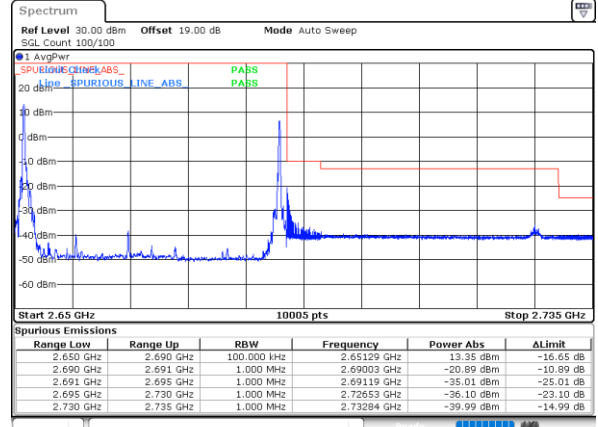
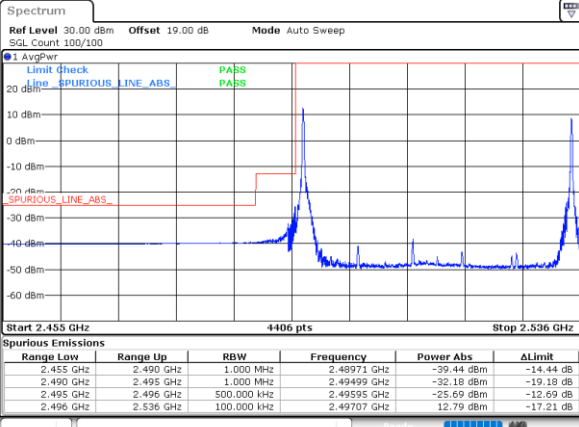


LTE Band 41C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

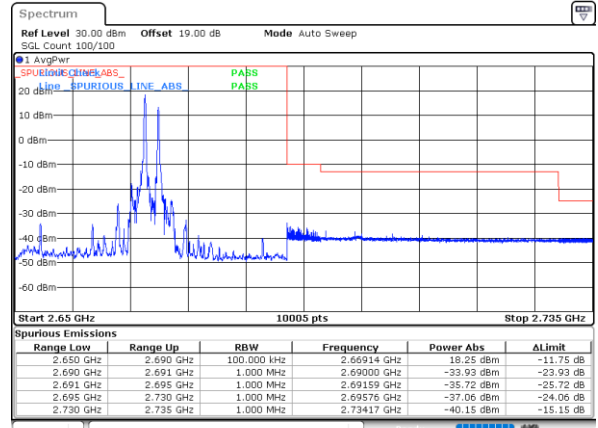
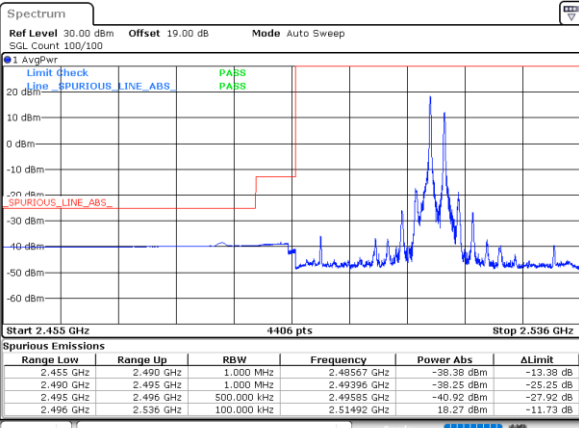


Date: 23\_SEP.2023 16:15:09

Date: 23\_SEP.2023 16:16:02

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

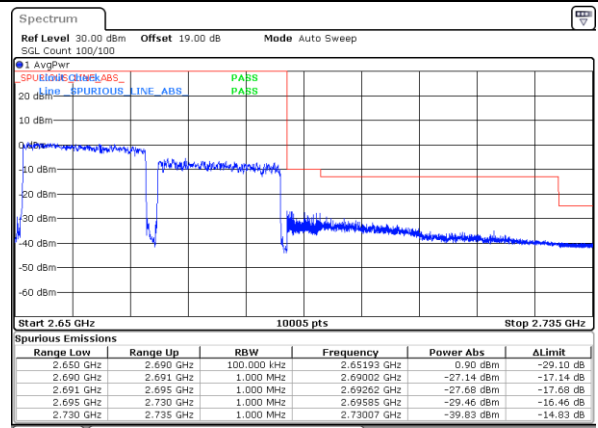
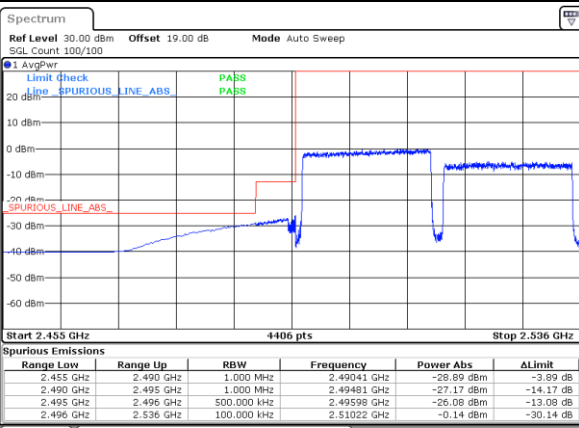


Date: 23\_SEP.2023 16:14:12

Date: 23\_SEP.2023 16:16:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23\_SEP.2023 16:19:52

Date: 23\_SEP.2023 16:21:21



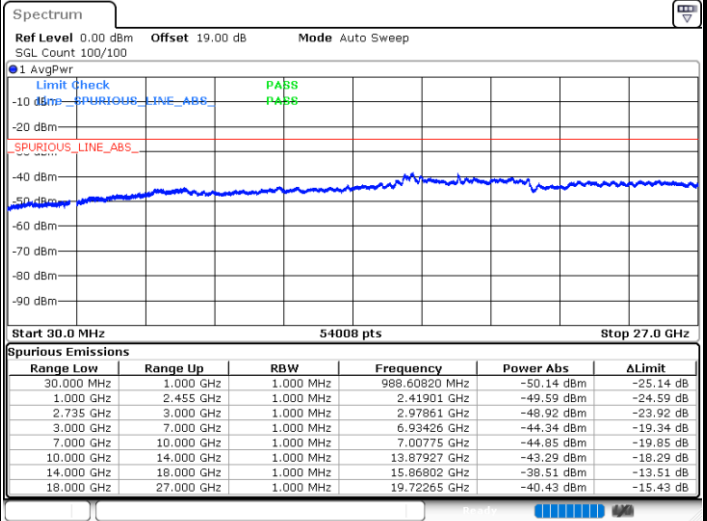
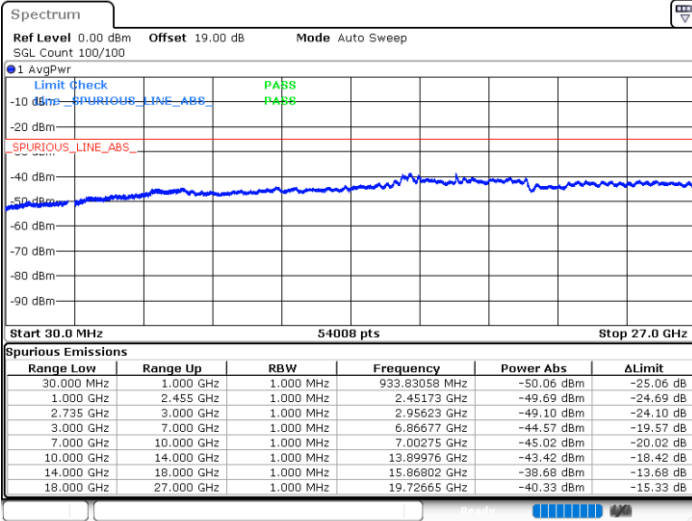
# Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

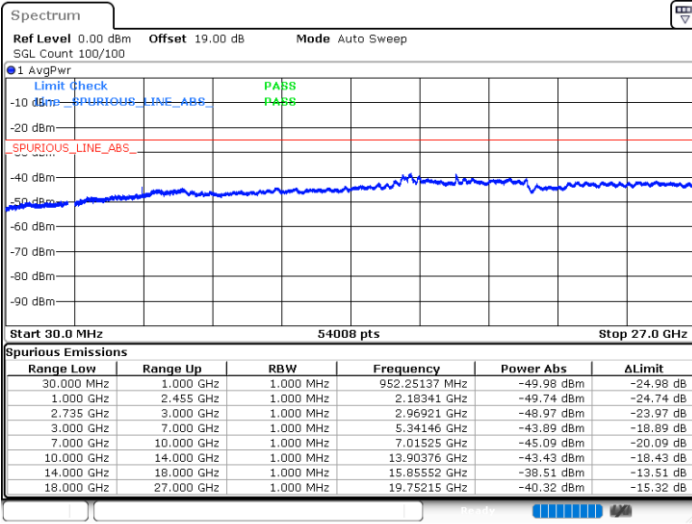


Date: 23.SEP.2023 10:17:09

Date: 23.SEP.2023 10:15:44

Highest Channel / 1RB24 and 1RB0

NA



Date: 23.SEP.2023 10:55:47

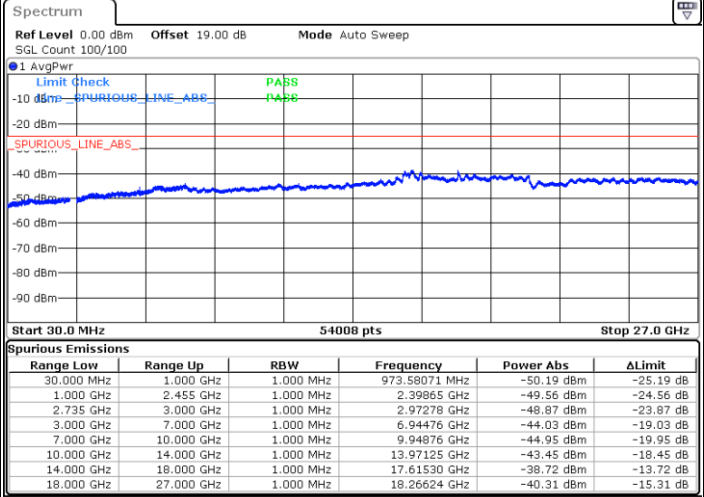
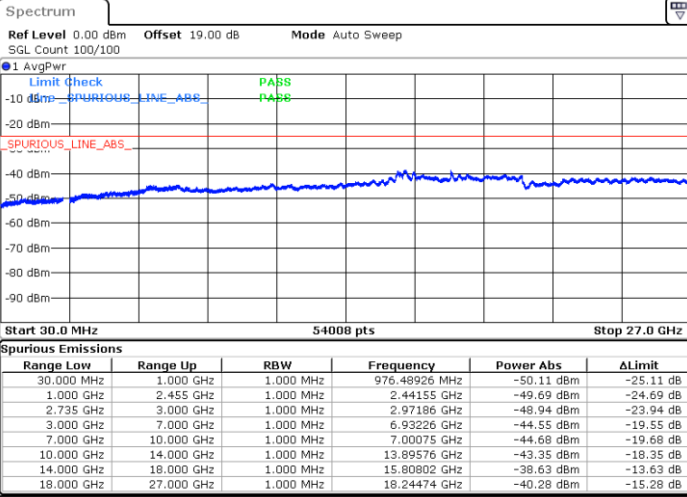


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

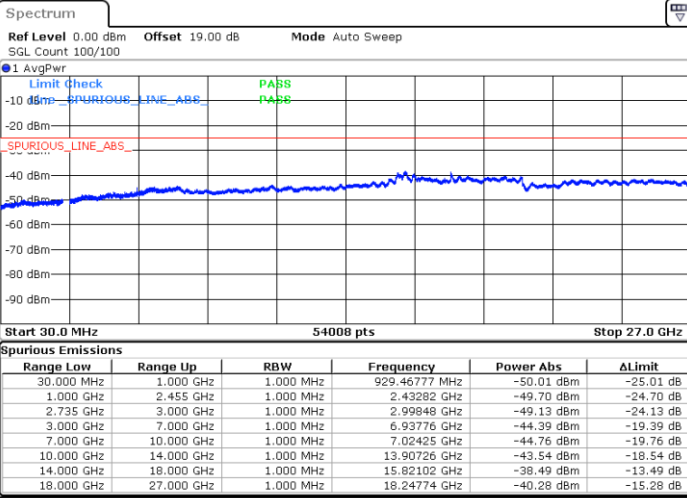


Date: 23.SEP.2023 11:49:01

Date: 23.SEP.2023 11:46:02

Highest Channel / 1RB49 and 1RB0

NA



Date: 23.SEP.2023 12:27:33

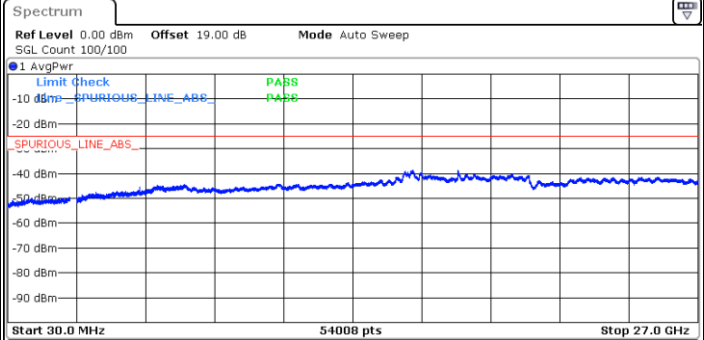
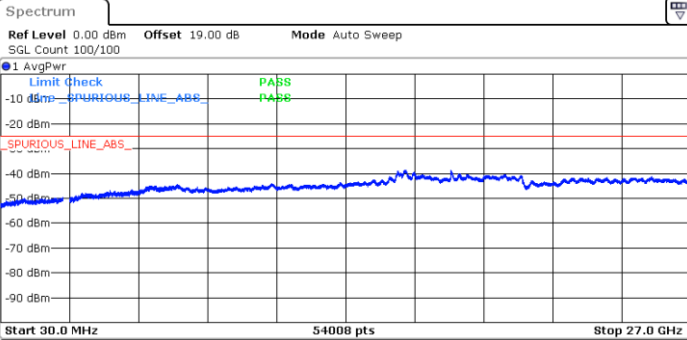


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-49.93 dBm	-24.93 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.43791 GHz	-49.75 dBm	-24.75 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97477 GHz	-48.85 dBm	-23.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92426 GHz	-44.43 dBm	-19.43 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00825 GHz	-44.99 dBm	-19.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99325 GHz	-43.40 dBm	-18.40 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.83102 GHz	-38.72 dBm	-13.72 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.75265 GHz	-40.38 dBm	-15.38 dB

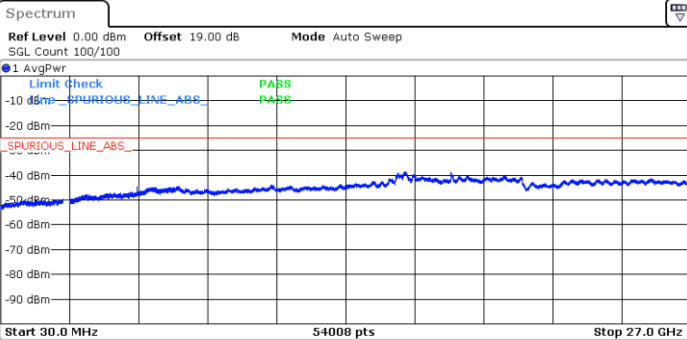
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-49.83 dBm	-24.83 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.40737 GHz	-49.51 dBm	-24.51 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.94444 GHz	-48.61 dBm	-23.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93826 GHz	-44.48 dBm	-19.48 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.02725 GHz	-45.04 dBm	-20.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89826 GHz	-43.31 dBm	-18.31 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.60280 GHz	-38.59 dBm	-13.59 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.75415 GHz	-40.28 dBm	-15.28 dB

Date: 23.SEP.2023 13:32:30

Date: 23.SEP.2023 13:28:01

Highest Channel / 1RB49 and 1RB0

NA



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.45877 MHz	-49.61 dBm	-24.61 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44009 GHz	-49.78 dBm	-24.78 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.98775 GHz	-49.04 dBm	-24.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-44.50 dBm	-19.50 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00525 GHz	-45.05 dBm	-20.05 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89426 GHz	-43.46 dBm	-18.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86502 GHz	-38.58 dBm	-13.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.26324 GHz	-40.38 dBm	-15.38 dB

Date: 23.SEP.2023 14:09:57

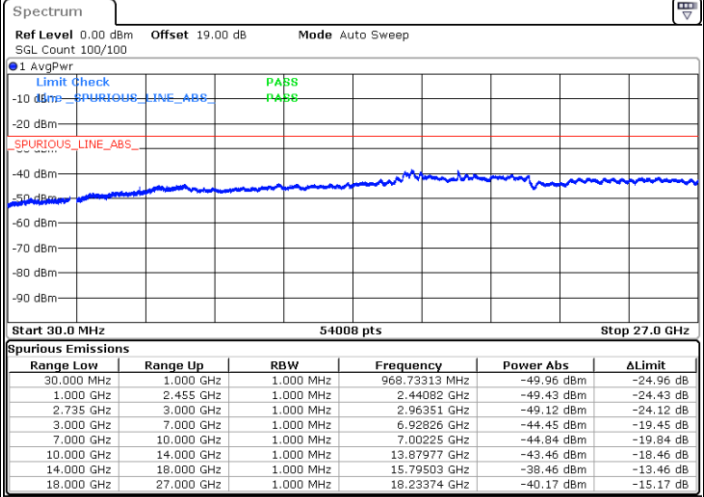
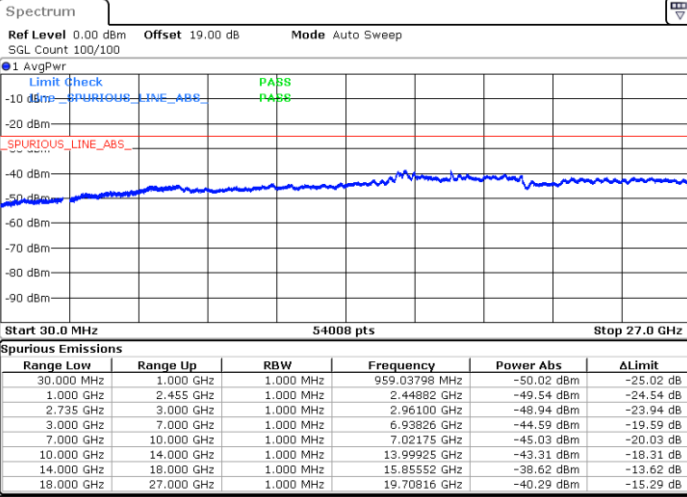


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

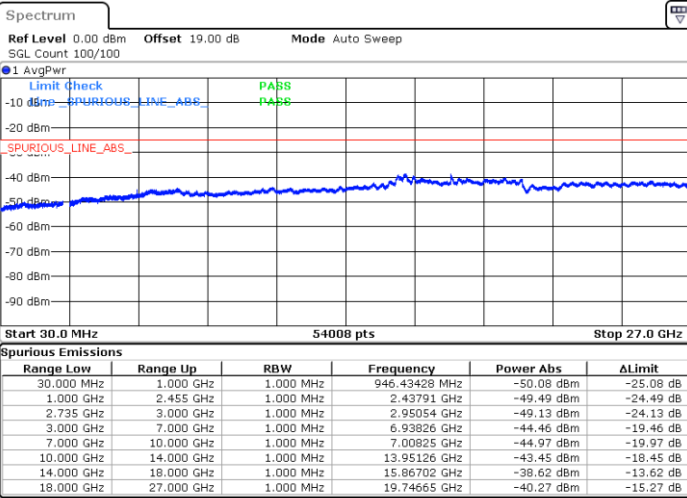


Date: 23.SEP.2023 12:33:08

Date: 23.SEP.2023 12:31:43

Highest Channel / 1RB74 and 1RB0

NA



Date: 23.SEP.2023 13:23:21

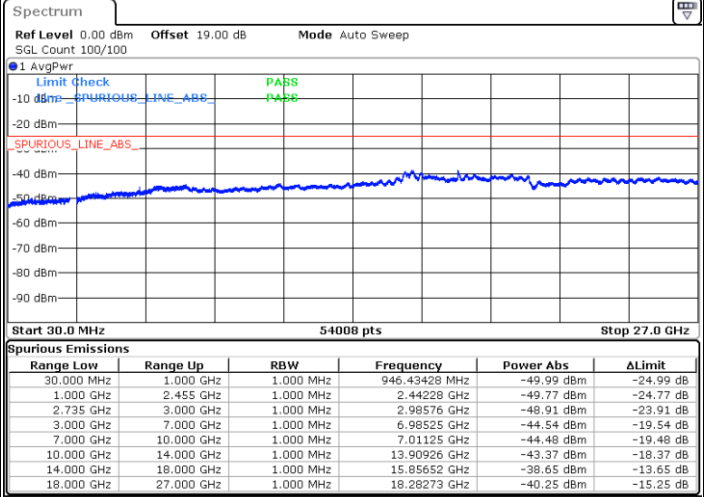
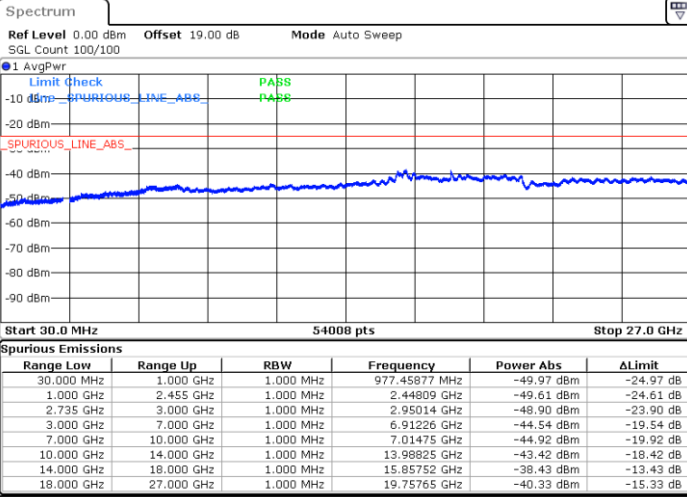


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

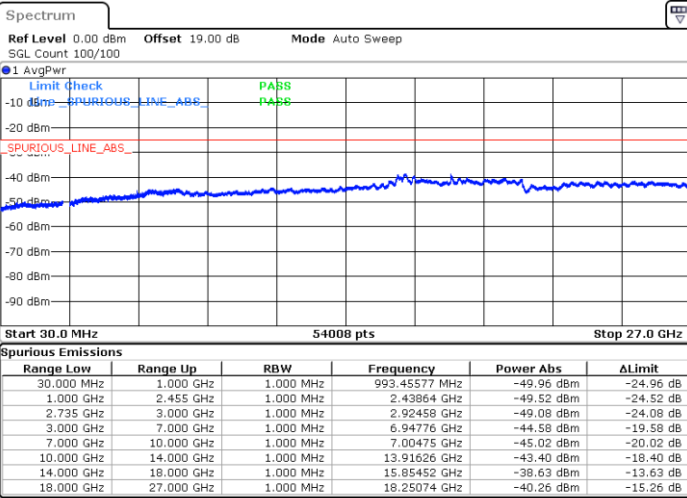


Date: 23.SEP.2023 14:48:16

Date: 23.SEP.2023 14:46:54

Highest Channel / 1RB74 and 1RB0

NA



Date: 23.SEP.2023 15:07:04

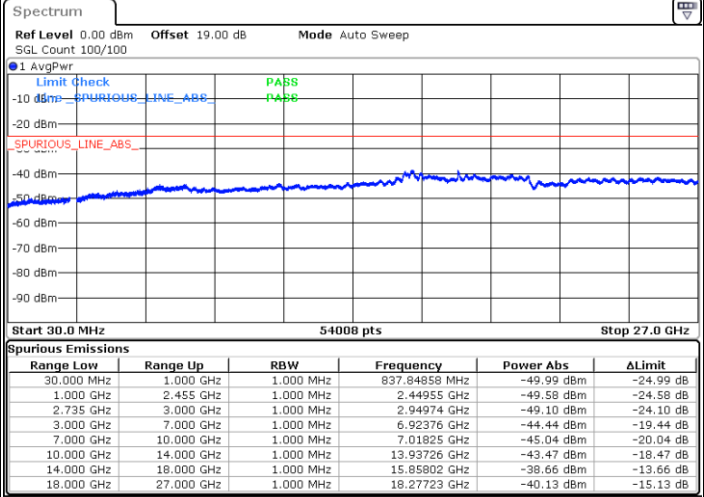
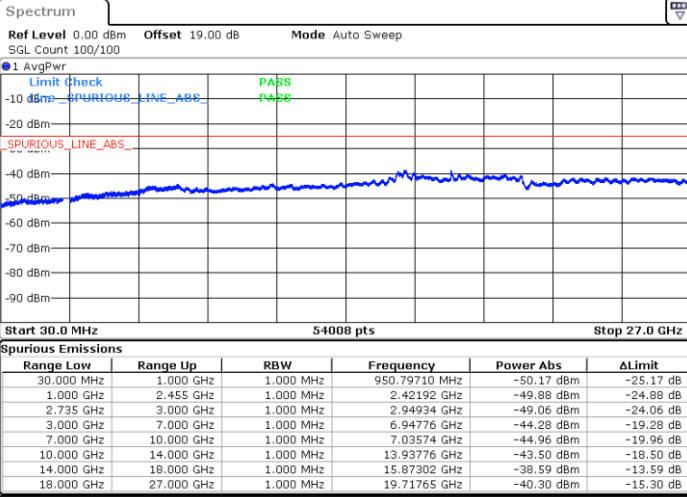


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

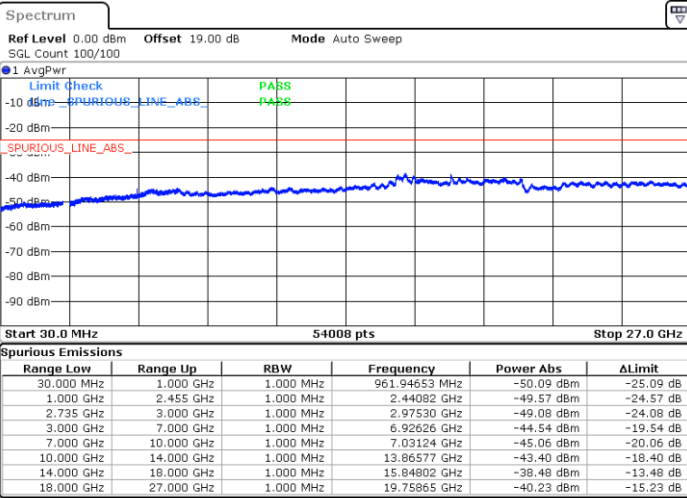


Date: 23.SEP.2023 15:13:21

Date: 23.SEP.2023 15:11:25

Highest Channel / 1RB74 and 1RB0

NA



Date: 23.SEP.2023 15:34:39

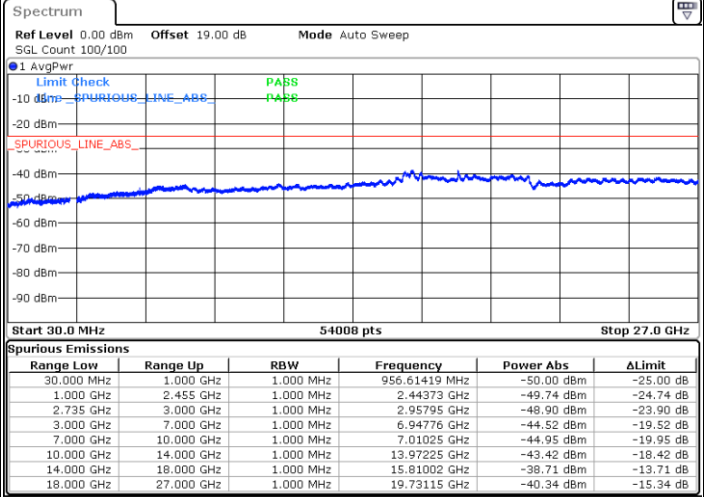
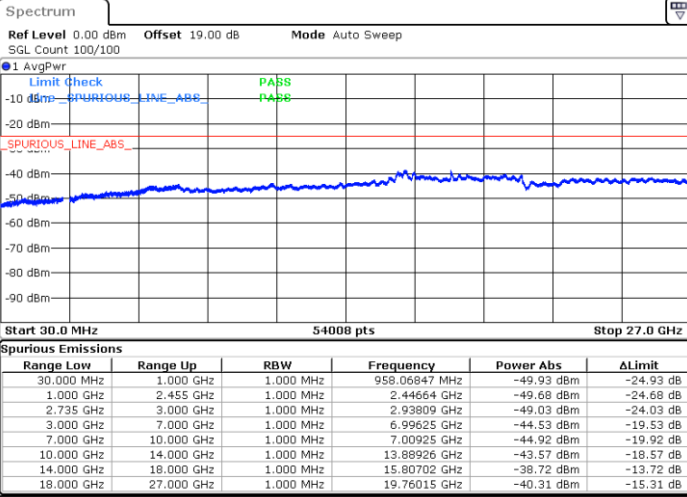


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

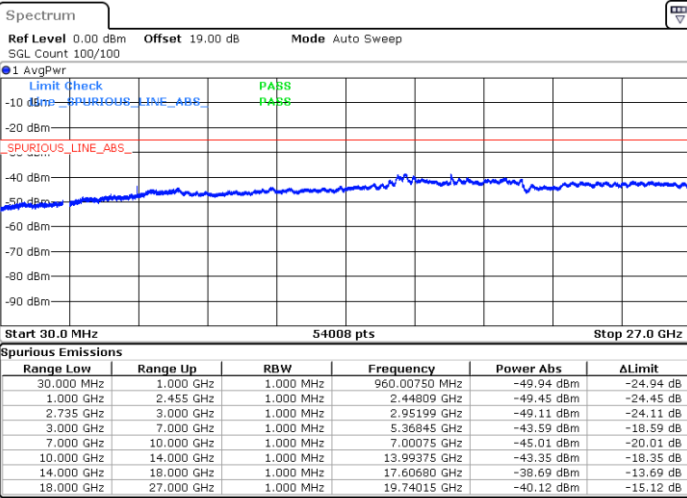


Date: 23.SEP.2023 11:01:22

Date: 23.SEP.2023 10:59:57

Highest Channel / 1RB99 and 1RB0

NA



Date: 23.SEP.2023 11:41:52



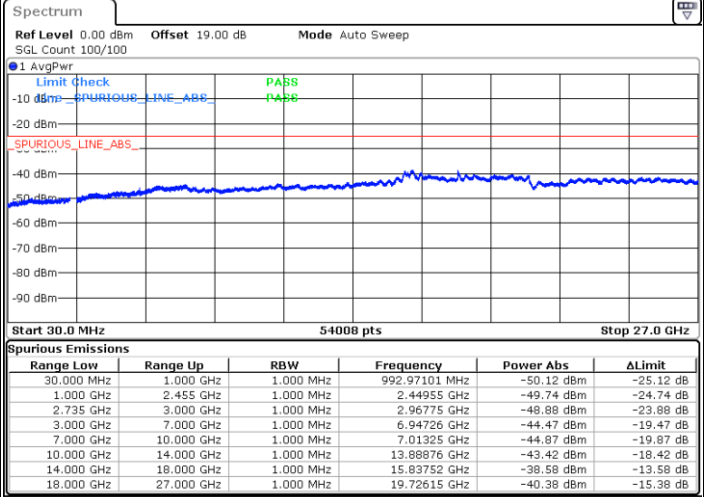
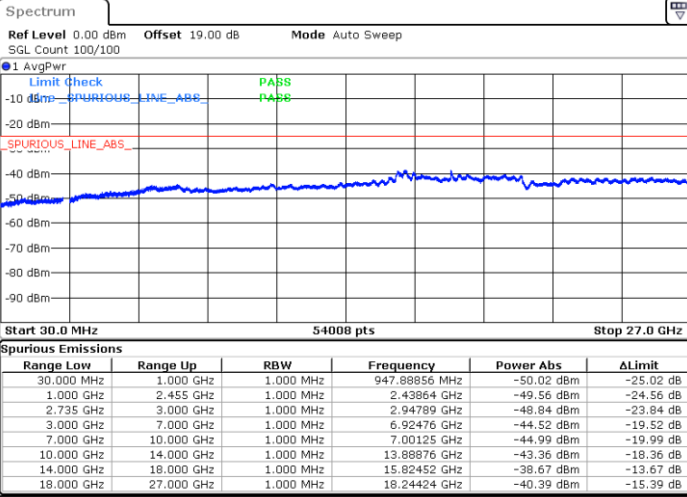


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

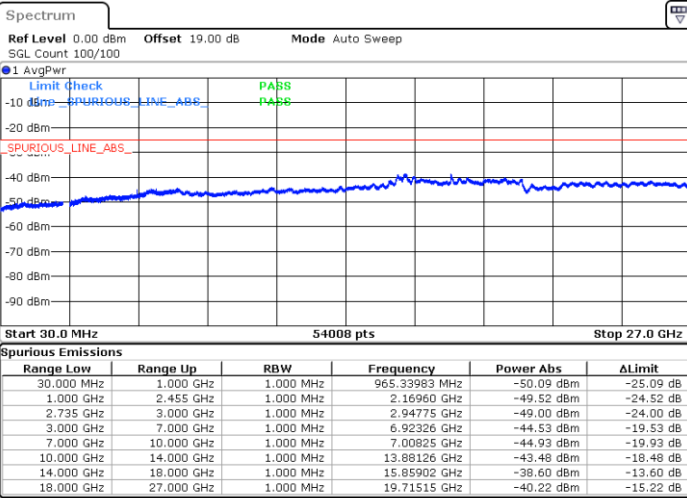


Date: 23.SEP.2023 14:15:19

Date: 23.SEP.2023 14:13:55

Highest Channel / 1RB99 and 1RB0

NA



Date: 23.SEP.2023 14:38:48

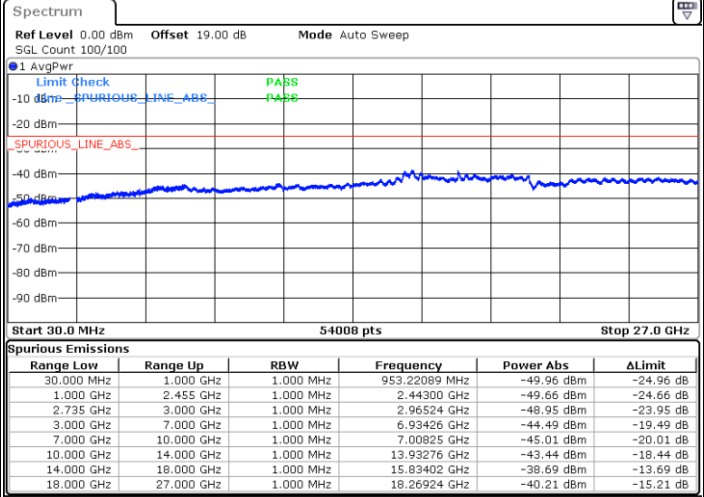
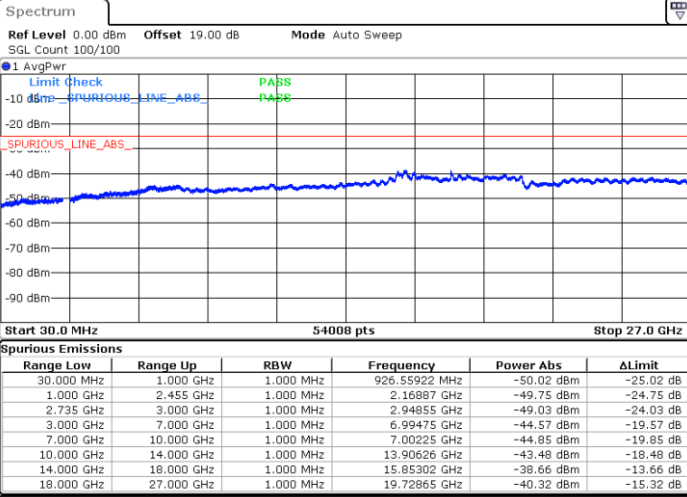


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

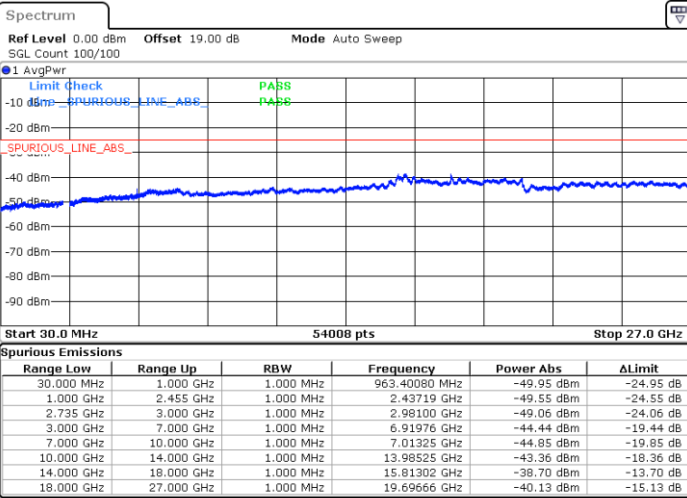


Date: 23.SEP.2023 15:41:48

Date: 23.SEP.2023 15:39:05

Highest Channel / 1RB99 and 1RB0

NA



Date: 23.SEP.2023 16:05:12

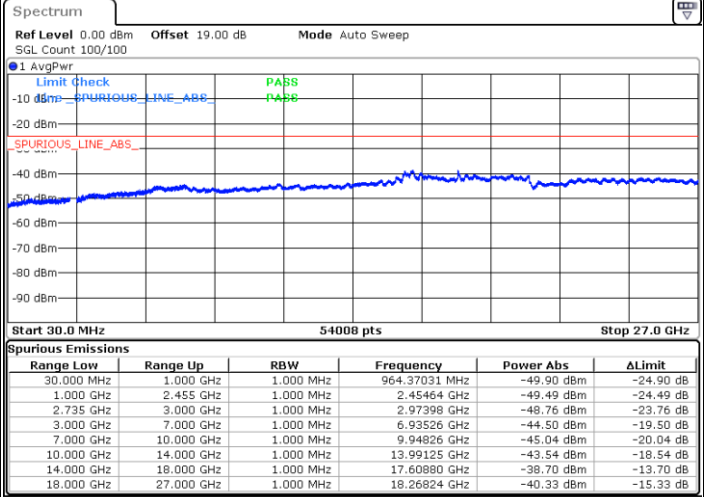
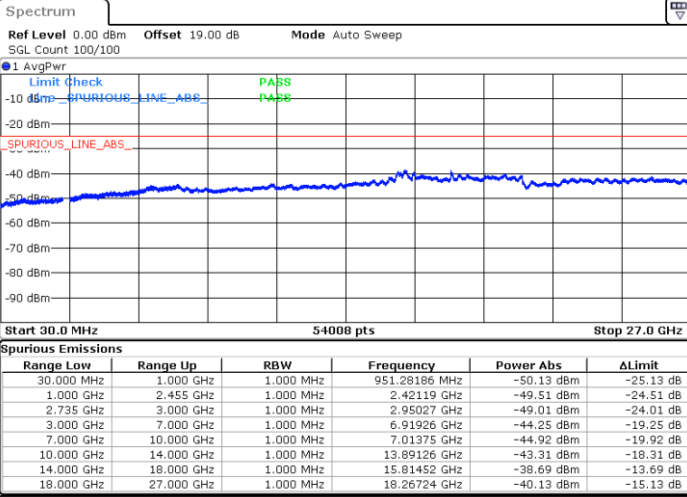


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

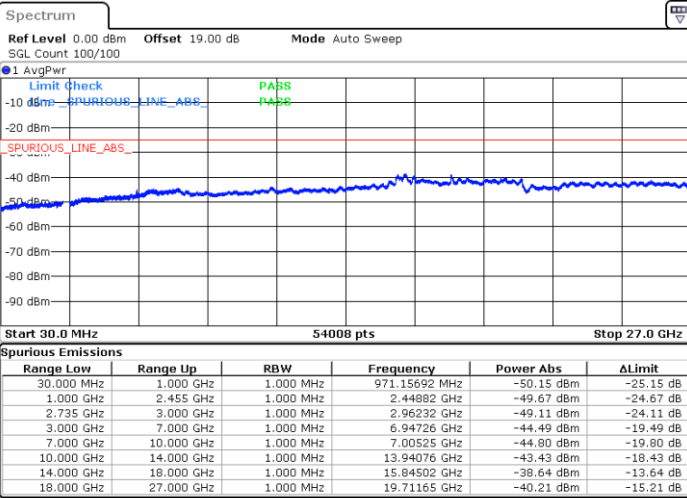


Date: 23.SEP.2023 16:11:23

Date: 23.SEP.2023 16:10:02

Highest Channel / 1RB99 and 1RB0

NA



Date: 23.SEP.2023 16:30:12



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	ZhangXu	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to test.

LTE Band 7 / 20MHz / QPSK – Ant.1									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-61.56	-25	-36.56	-81.08	-67.12	7.14	12.70	H
	7578.27	-55.86	-25	-30.86	-80.12	-59.16	8.30	11.60	H
	10104.36	-53.06	-25	-28.06	-80.73	-54.58	10.48	12.00	H
	5052.18	-61.17	-25	-36.17	-80.58	-66.73	7.14	12.70	V
	7578.27	-55.32	-25	-30.32	-80.06	-58.62	8.30	11.60	V
	10104.36	-54.19	-25	-29.19	-80.52	-55.71	10.48	12.00	V

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

LTE Band 41 / 20MHz / QPSK – Ant.1									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168.00	-61.64	-25	-36.64	-81.43	-67.20	7.14	12.70	H
	7752.00	-55.78	-25	-30.78	-79.71	-59.08	8.30	11.60	H
	10336.00	-52.79	-25	-27.79	-80.63	-54.31	10.48	12.00	H
	5168.00	-61.29	-25	-36.29	-80.76	-66.85	7.14	12.70	V
	7752.00	-54.93	-25	-29.93	-79.5	-58.23	8.30	11.60	V
	10336.00	-53.96	-25	-28.96	-80.8	-55.48	10.48	12.00	V

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

LTE Band 7C / 20+20MHz / QPSK – Ant.1									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5070.00	-61.07	-25	-36.07	-80.63	-66.63	7.14	12.70	H
	7605.00	-55.86	-25	-30.86	-80.07	-59.16	8.30	11.60	H
	10140.00	-52.60	-25	-27.60	-80.30	-54.12	10.48	12.00	H
	5070.00	-61.32	-25	-36.32	-80.74	-66.88	7.14	12.70	V
	7605.00	-55.55	-25	-30.55	-80.26	-58.85	8.30	11.60	V
	10140.00	-53.84	-25	-28.84	-80.25	-55.36	10.48	12.00	V

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



LTE Band 41C / 20+20MHz / QPSK – Ant.1									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5186.00	-61.90	-25	-36.90	-81.73	-67.46	7.14	12.70	H
	7779.00	-55.95	-25	-30.95	-79.83	-59.25	8.30	11.60	H
	10372.00	-52.93	-25	-27.93	-80.79	-54.45	10.48	12.00	H
	5186.00	-62.21	-25	-37.21	-81.68	-67.77	7.14	12.70	V
	7779.00	-55.86	-25	-30.86	-80.41	-59.16	8.30	11.60	V
	10372.00	-53.88	-25	-28.88	-80.8	-55.40	10.48	12.00	V

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