

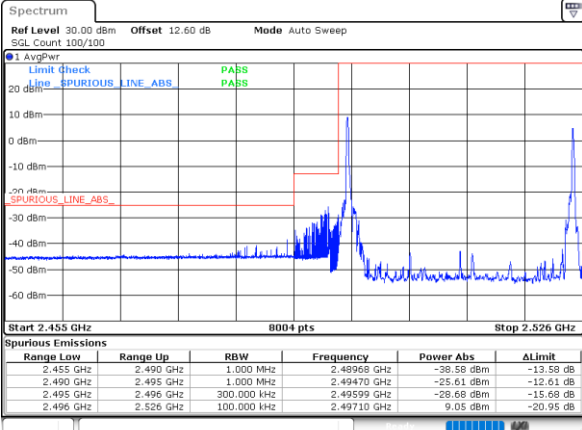


LTE Band 41C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

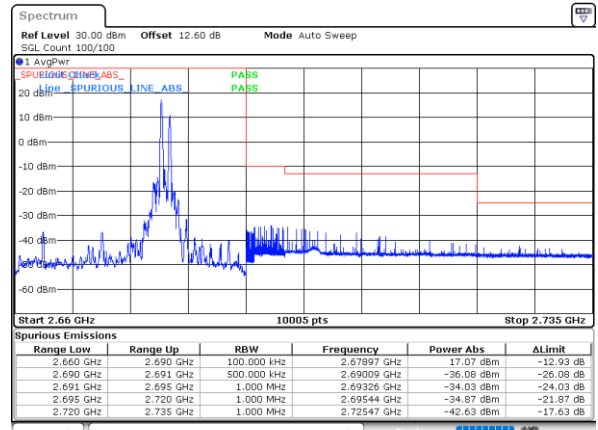
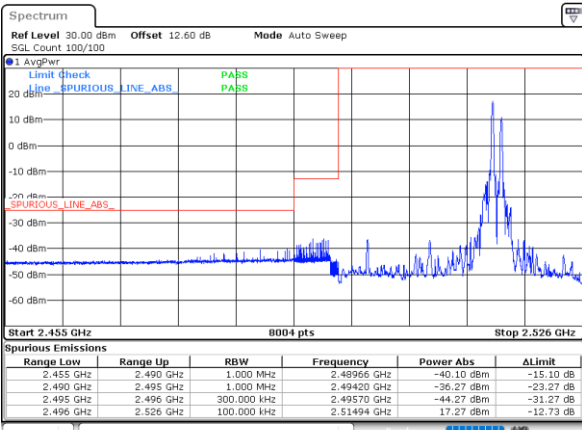


Date: 27.NOV.2023 13:04:19

Date: 27.NOV.2023 13:16:57

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

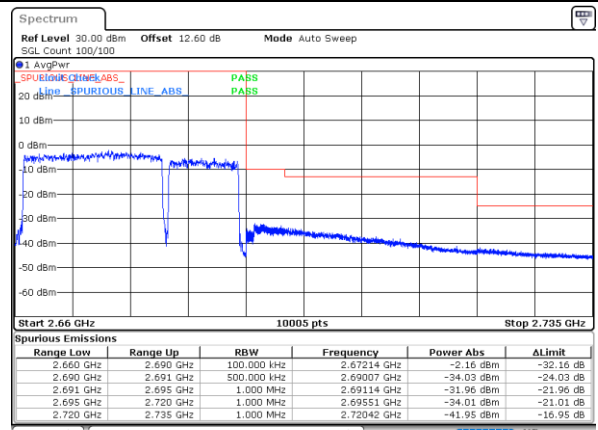
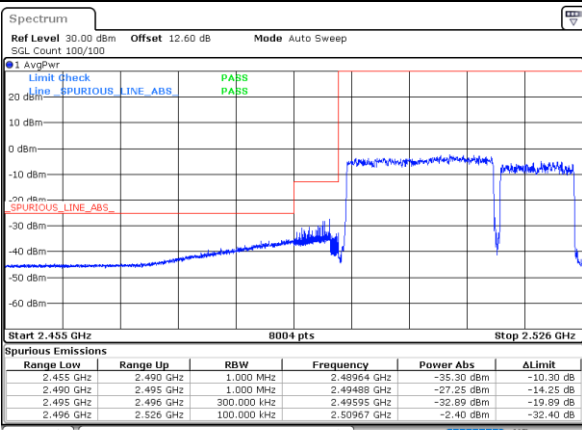


Date: 27.NOV.2023 13:00:11

Date: 27.NOV.2023 13:21:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 13:08:27

Date: 27.NOV.2023 13:12:50

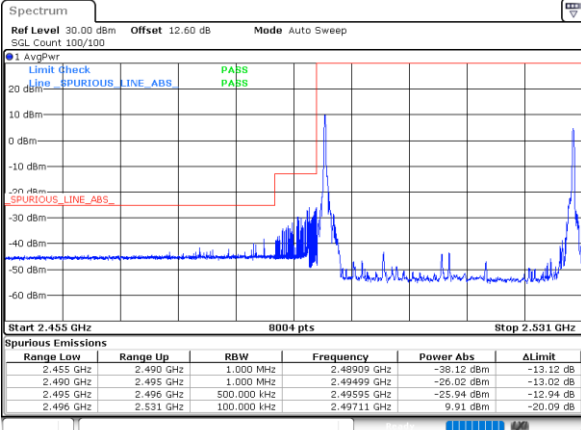


LTE Band 41C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

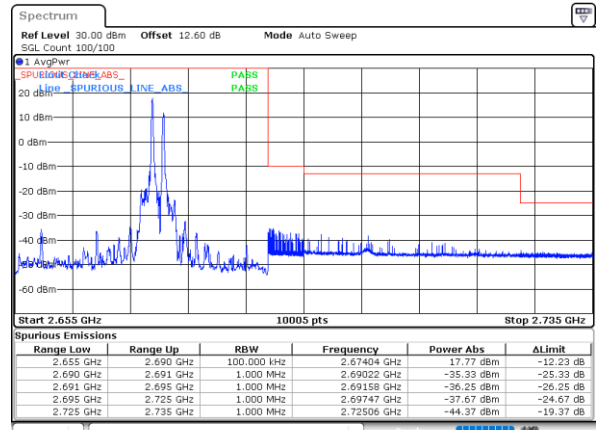
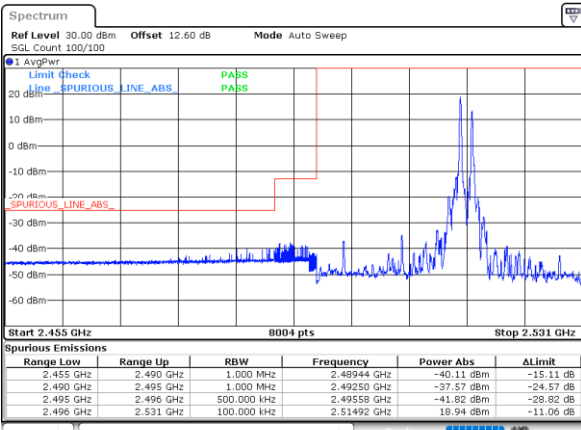


Date: 27.NOV.2023 14:38:32

Date: 27.NOV.2023 14:51:10

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

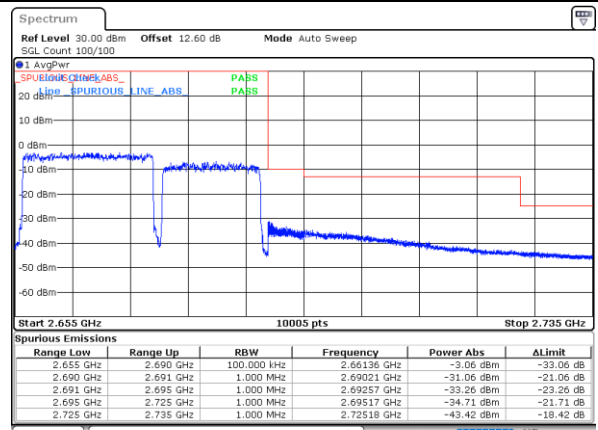
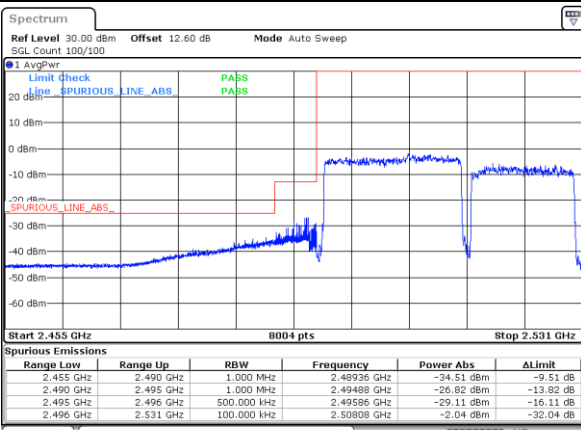


Date: 27.NOV.2023 14:34:24

Date: 27.NOV.2023 14:55:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 14:42:40

Date: 27.NOV.2023 14:47:03

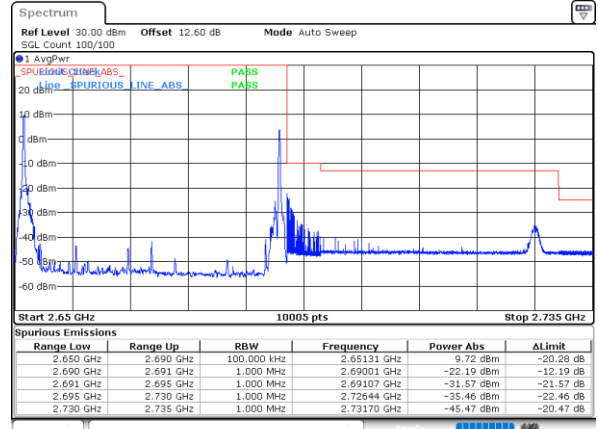
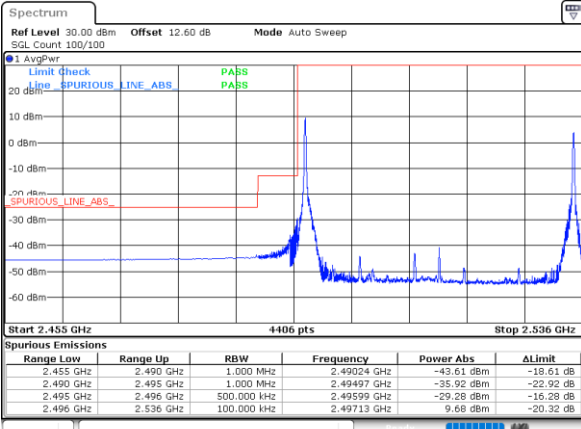


LTE Band 41C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

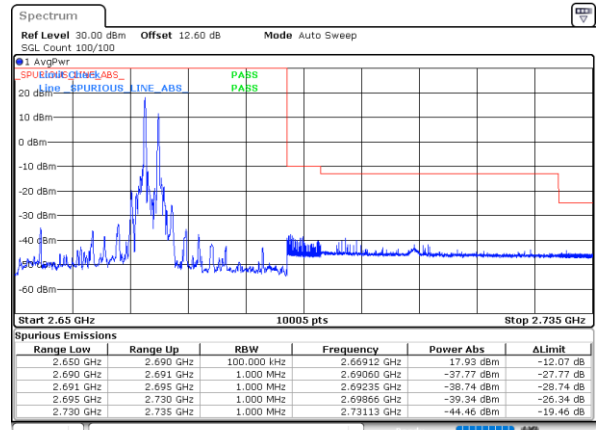
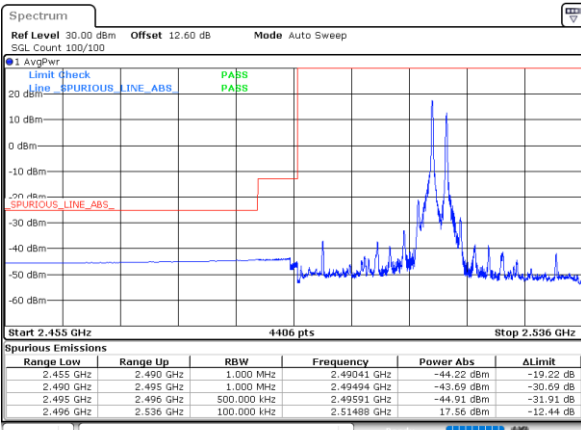


Date: 27.NOV.2023 15:09:36

Date: 27.NOV.2023 15:22:00

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

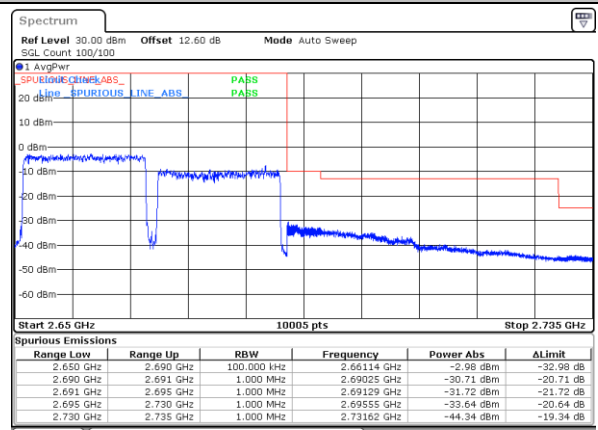
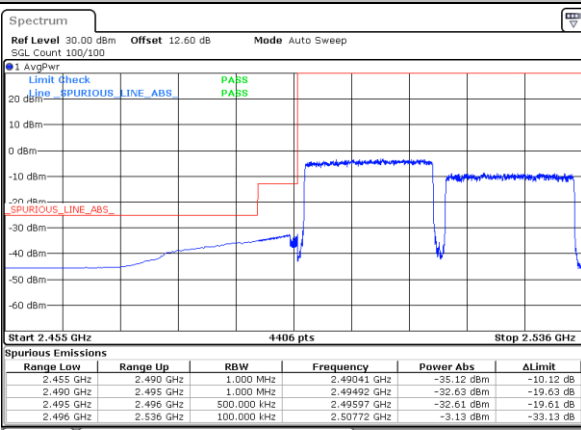


Date: 27.NOV.2023 15:05:36

Date: 27.NOV.2023 15:26:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 15:13:39

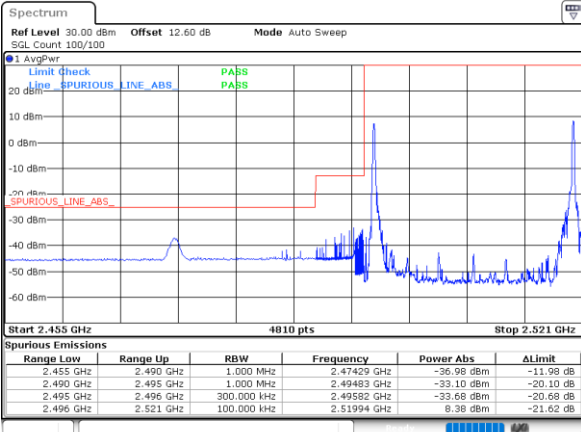
Date: 27.NOV.2023 15:17:59



LTE Band 41C / 5MHz+20MHz

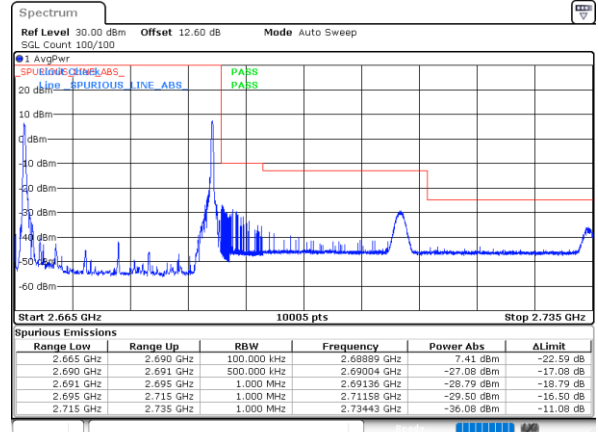
64QAM

Lowest Band Edge / 1RB0 and 1RB99



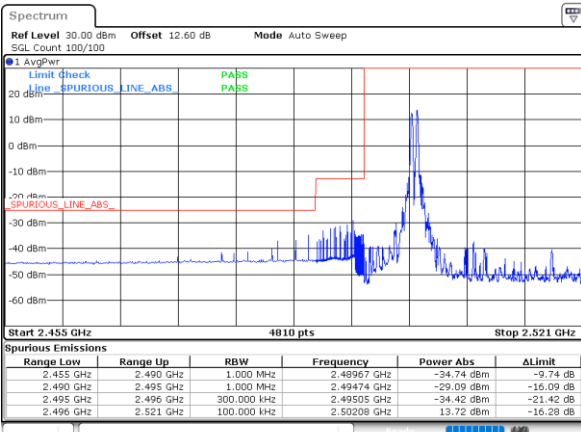
Date: 24.NOV.2023 16:59:39

Highest Band Edge / 1RB0 and 1RB99



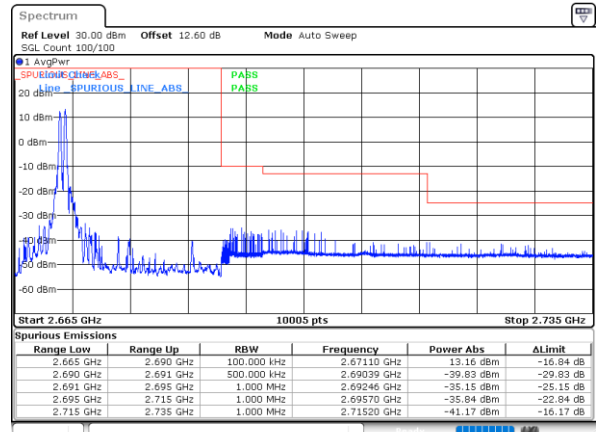
Date: 27.NOV.2023 10:22:09

Lowest Band Edge / 1RB24 and 1RB0



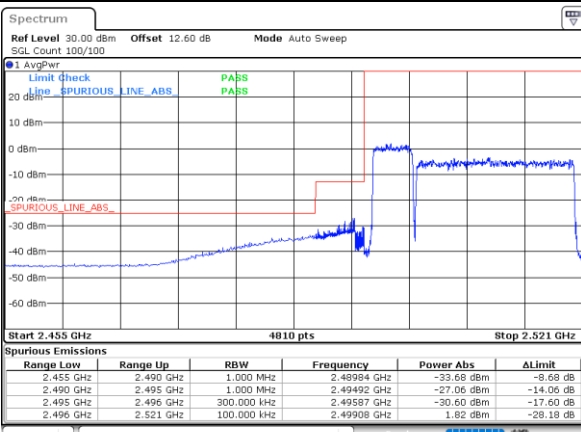
Date: 24.NOV.2023 16:58:06

Highest Band Edge / 1RB24 and 1RB0



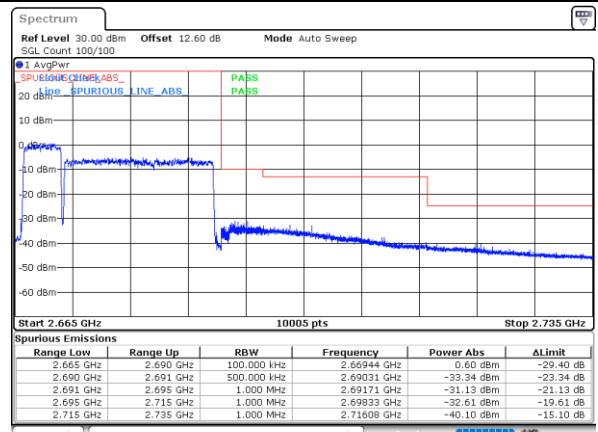
Date: 27.NOV.2023 10:23:31

Lowest Band Edge / Full RB



Date: 24.NOV.2023 17:07:23

Highest Band Edge / Full RB



Date: 27.NOV.2023 10:12:48

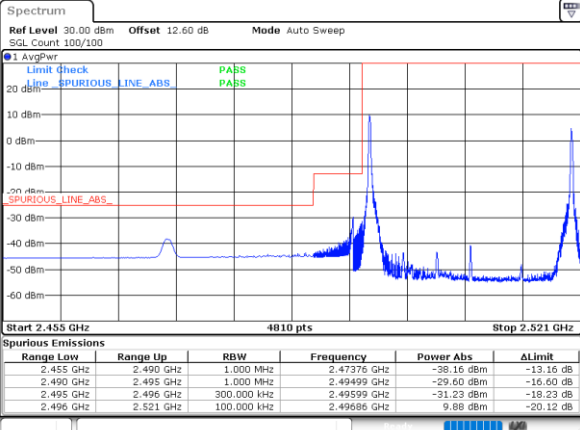


LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

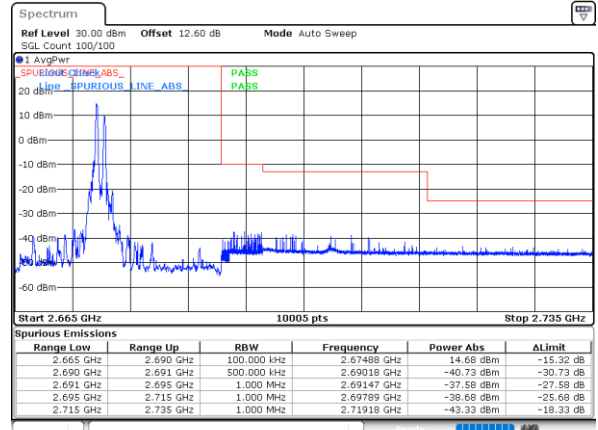
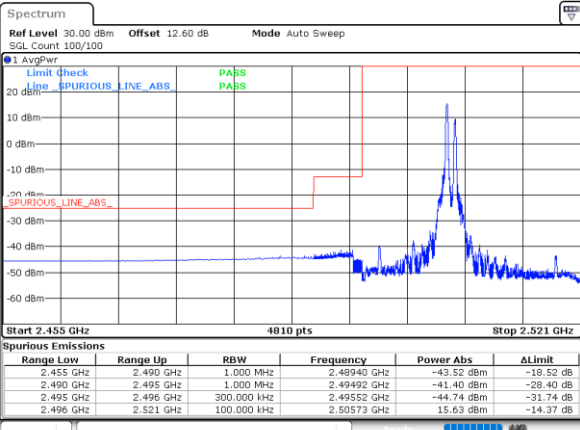


Date: 27.NOV.2023 11:28:29

Date: 27.NOV.2023 11:43:47

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

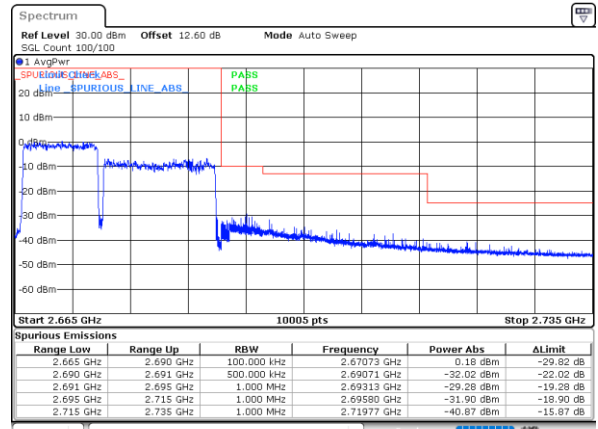
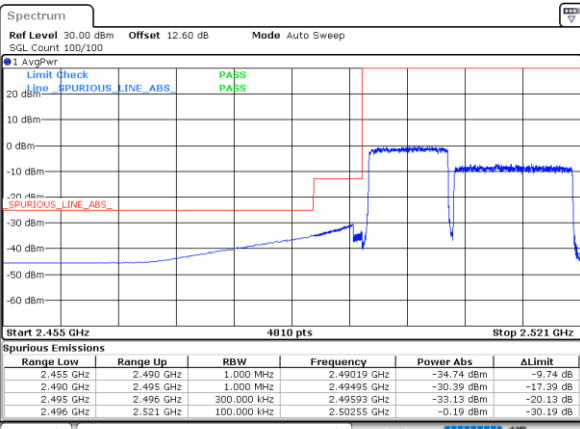


Date: 27.NOV.2023 11:27:07

Date: 27.NOV.2023 11:45:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 11:35:17

Date: 27.NOV.2023 11:36:55

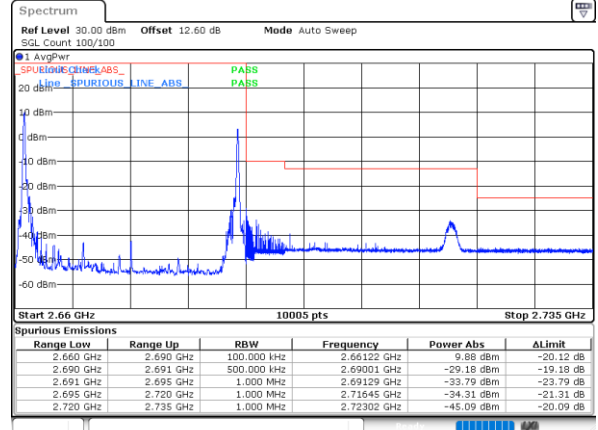
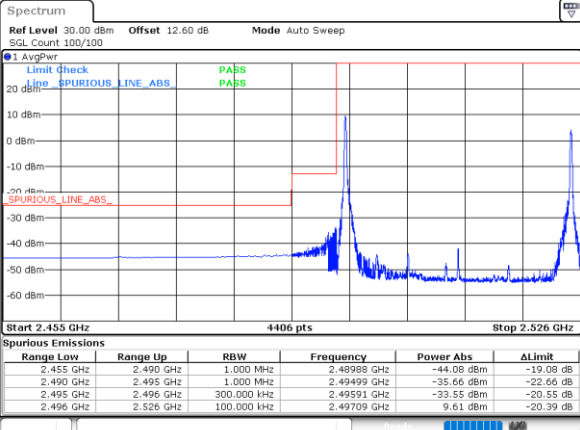


LTE Band 41C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

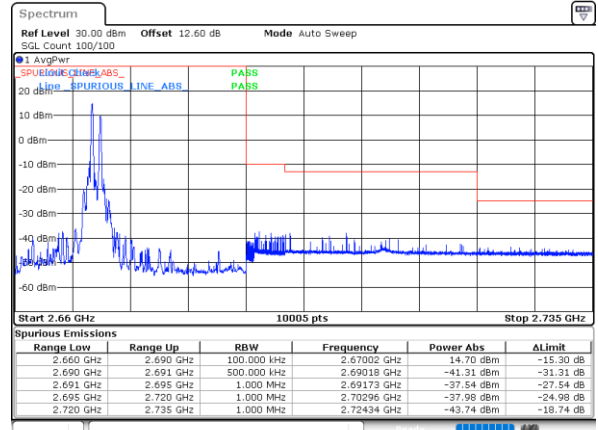
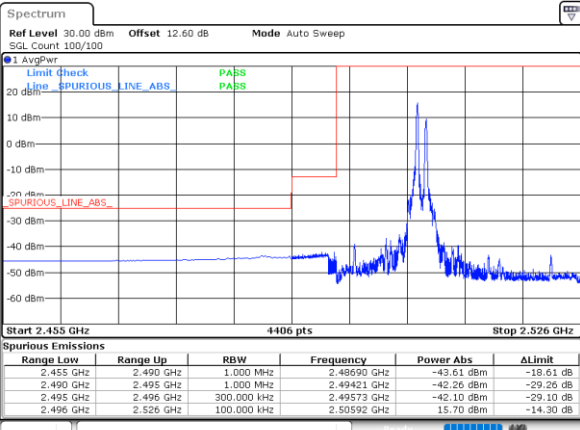


Date: 27.NOV.2023 12:31:38

Date: 27.NOV.2023 12:47:04

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

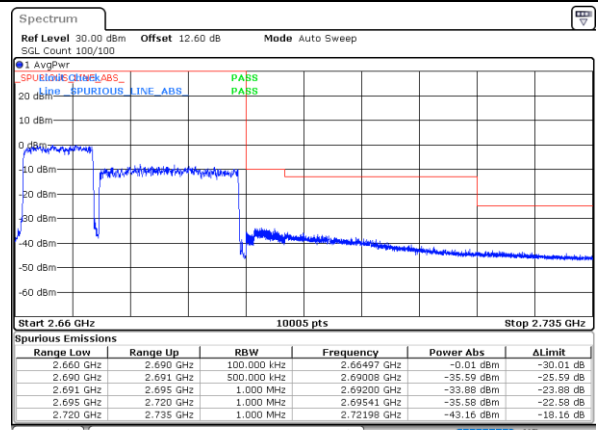
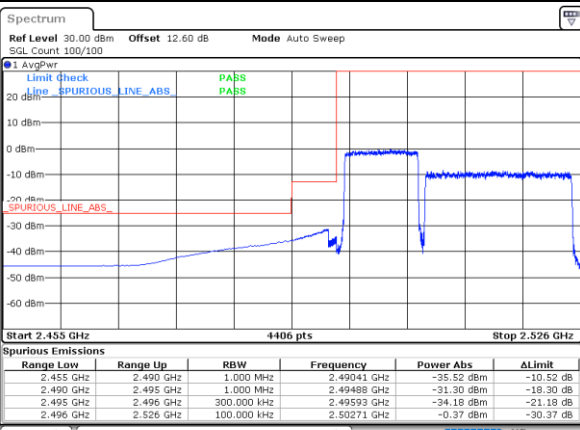


Date: 27.NOV.2023 12:31:15

Date: 27.NOV.2023 12:46:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 12:38:31

Date: 27.NOV.2023 12:46:12

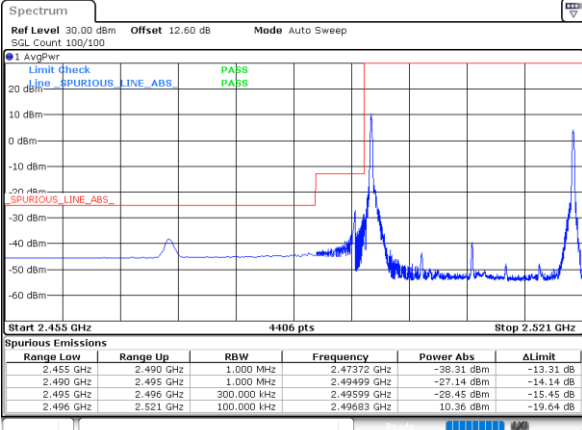


LTE Band 41C / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

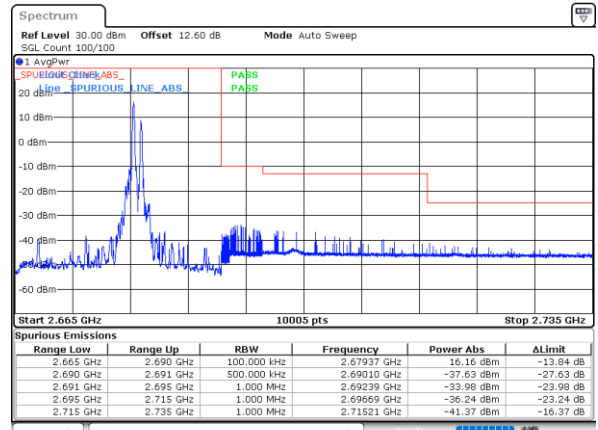
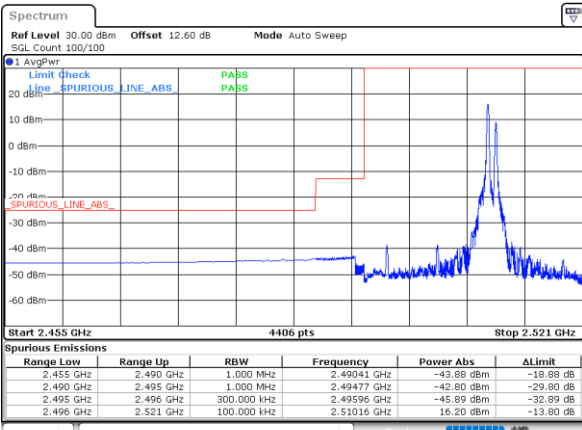


Date: 27.NOV.2023 11:59:51

Date: 27.NOV.2023 12:15:17

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

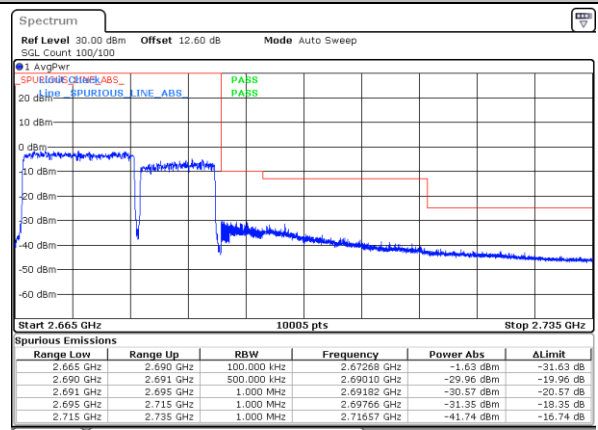
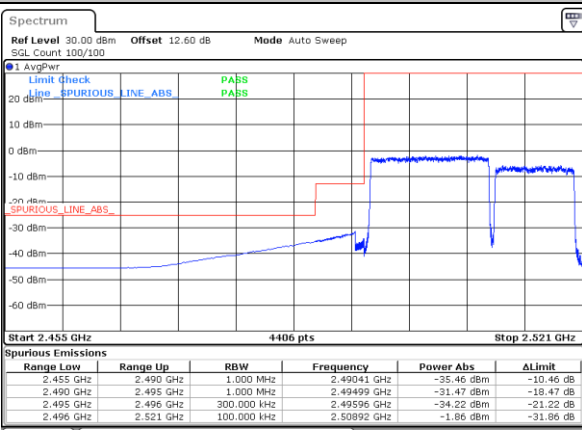


Date: 27.NOV.2023 11:58:28

Date: 27.NOV.2023 12:16:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 12:06:45

Date: 27.NOV.2023 12:08:26

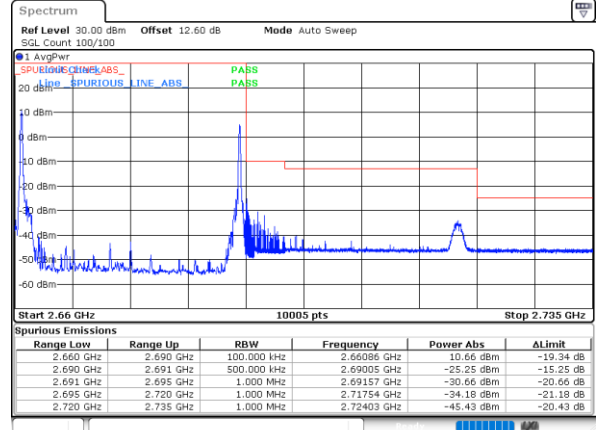
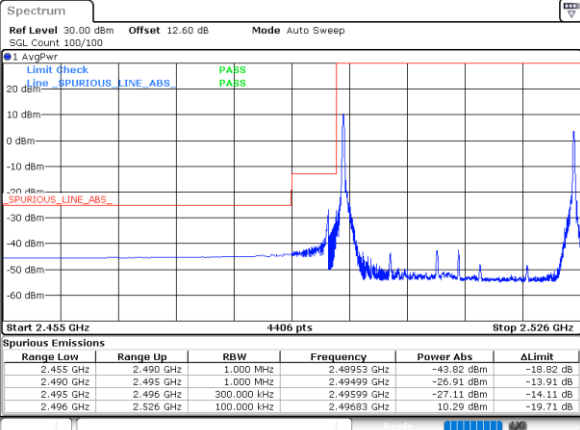


LTE Band 41C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

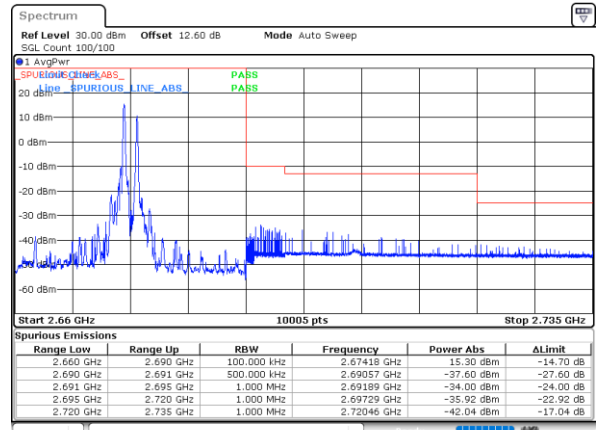
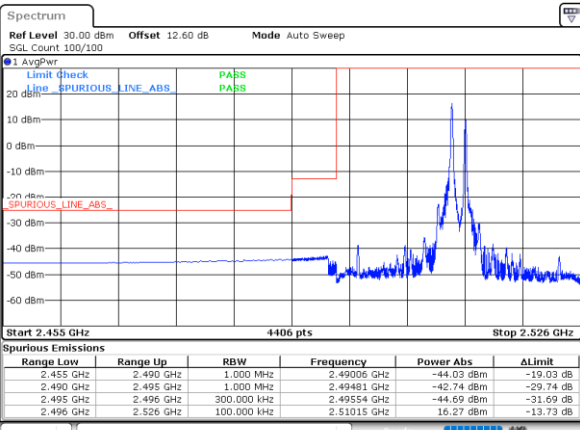


Date: 27.NOV.2023 13:34:29

Date: 27.NOV.2023 13:49:35

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

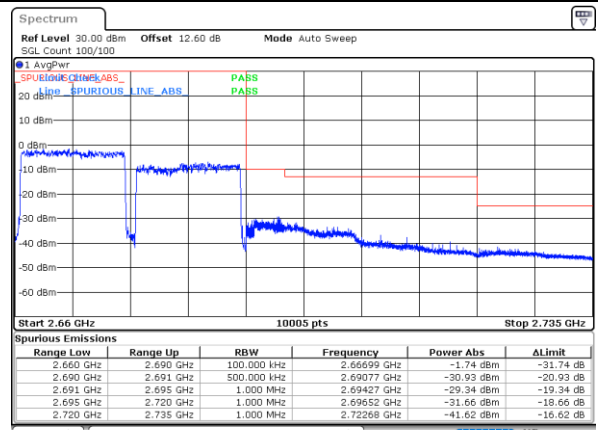
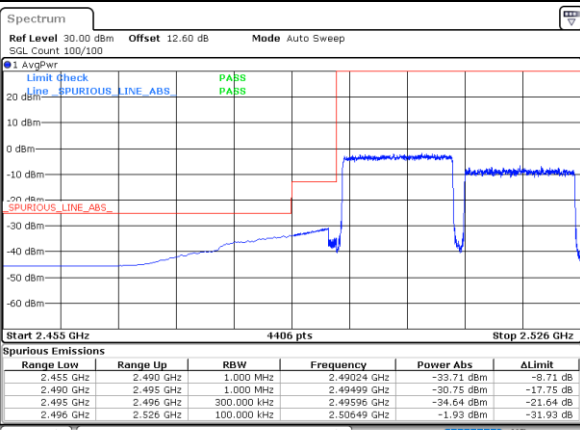


Date: 27.NOV.2023 13:33:08

Date: 27.NOV.2023 13:50:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 13:41:13

Date: 27.NOV.2023 13:42:52

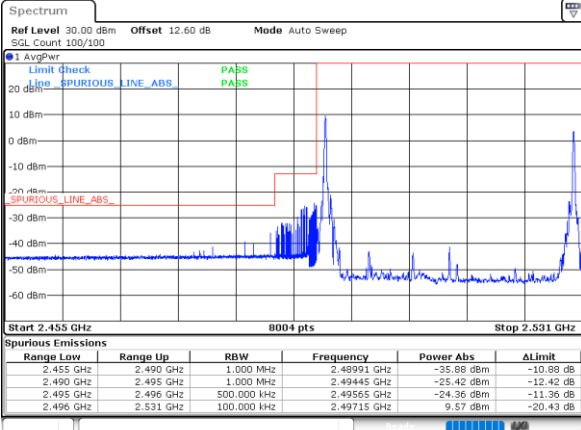


LTE Band 41C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

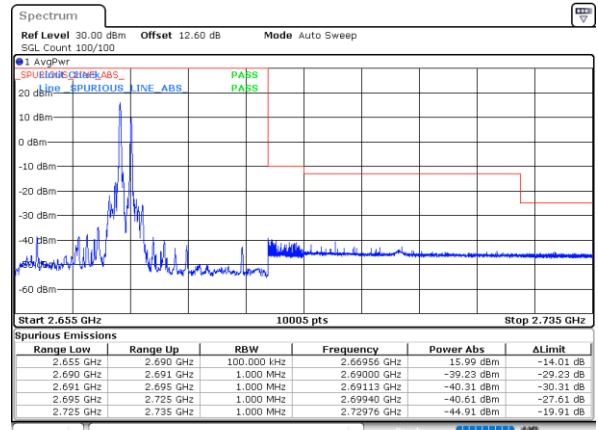
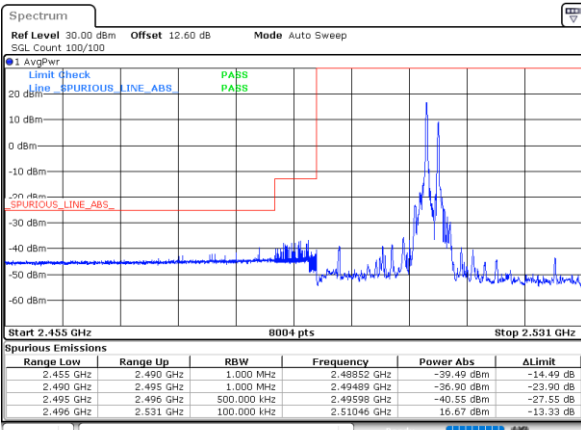


Date: 27.NOV.2023 14:05:42

Date: 27.NOV.2023 14:21:05

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

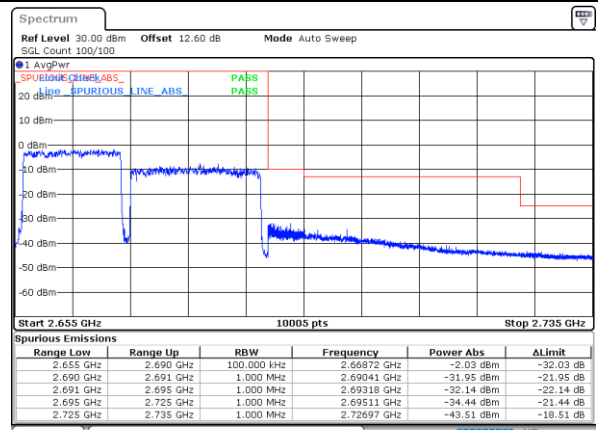
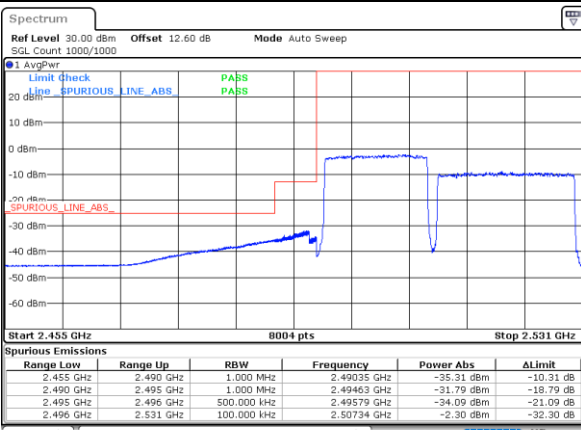


Date: 27.NOV.2023 14:04:19

Date: 27.NOV.2023 14:22:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.NOV.2023 10:47:51

Date: 27.NOV.2023 14:14:13

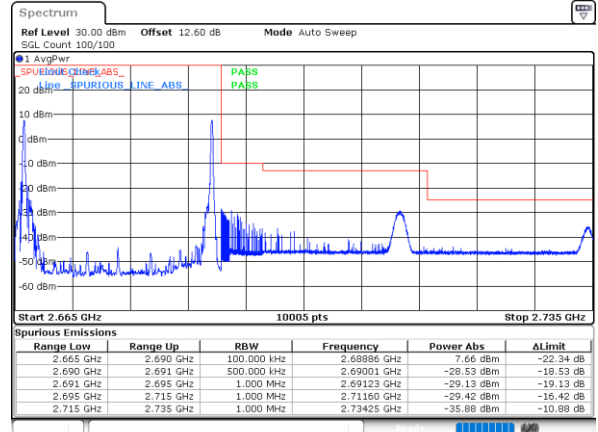


LTE Band 41C / 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

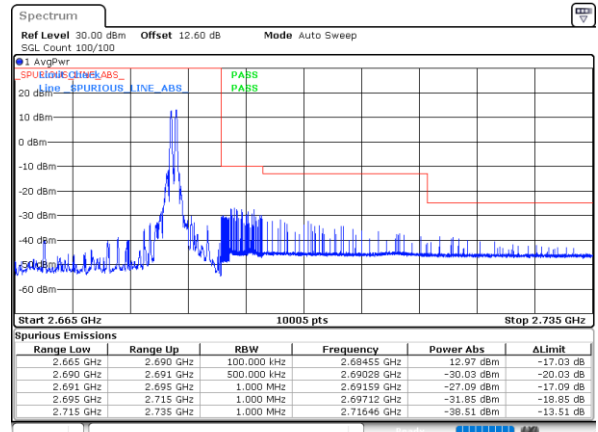
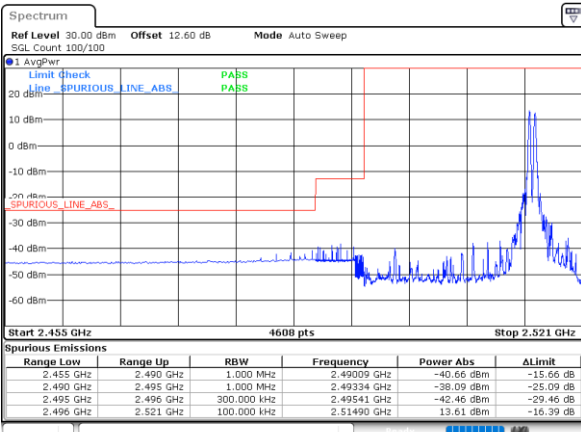


Date: 27.NOV.2023 10:49:08

Date: 27.NOV.2023 11:05:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

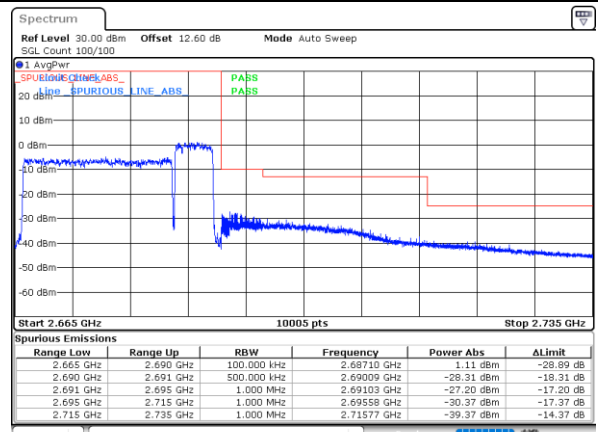
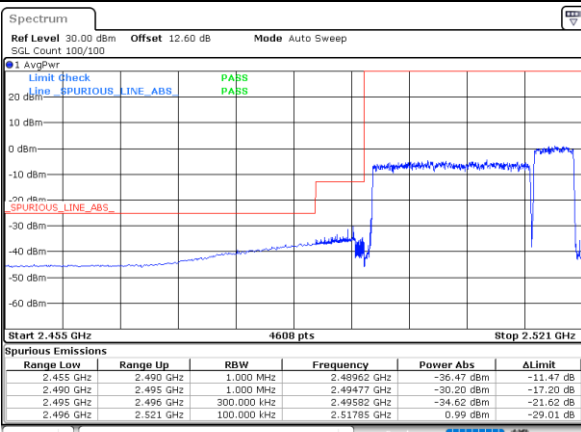


Date: 27.NOV.2023 10:47:46

Date: 27.NOV.2023 11:07:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 10:56:01

Date: 27.NOV.2023 10:58:51

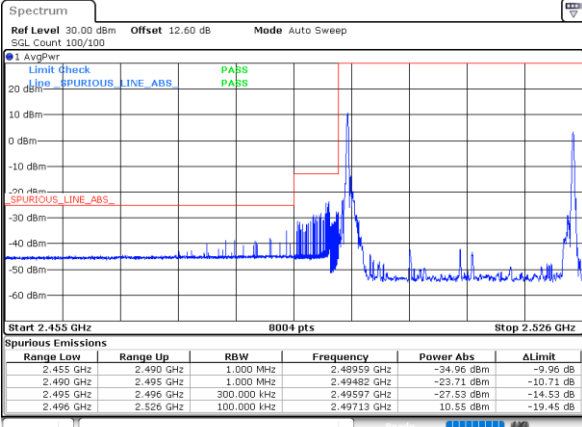


LTE Band 41C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

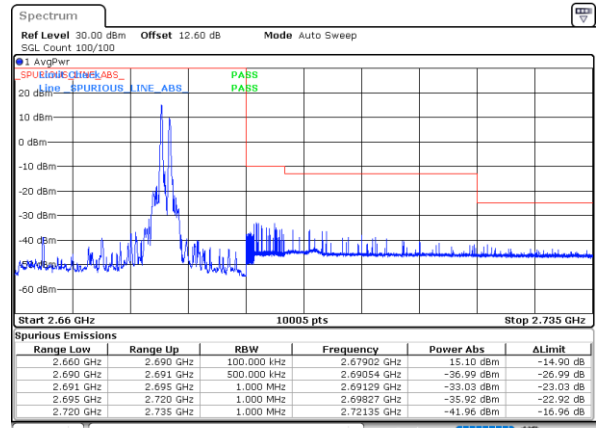
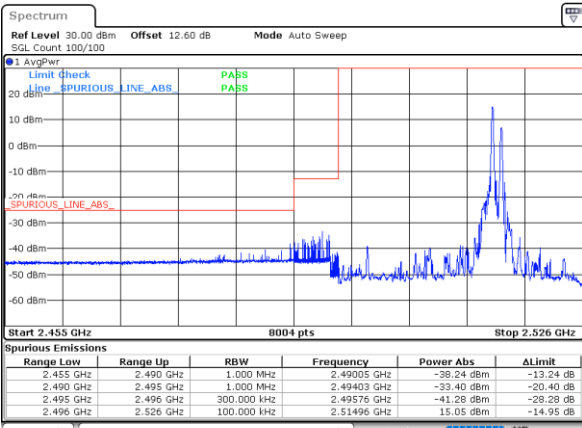


Date: 27.NOV.2023 13:02:56

Date: 27.NOV.2023 13:18:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

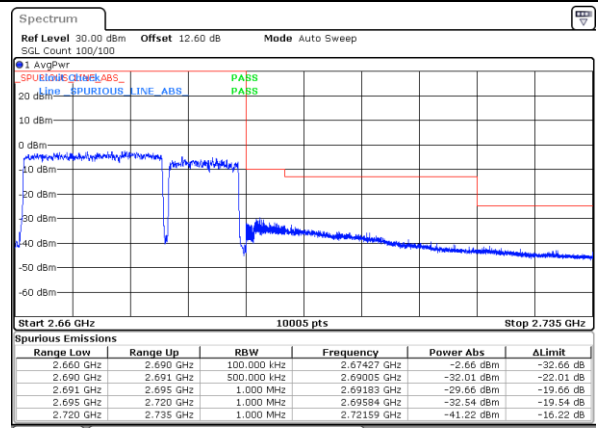
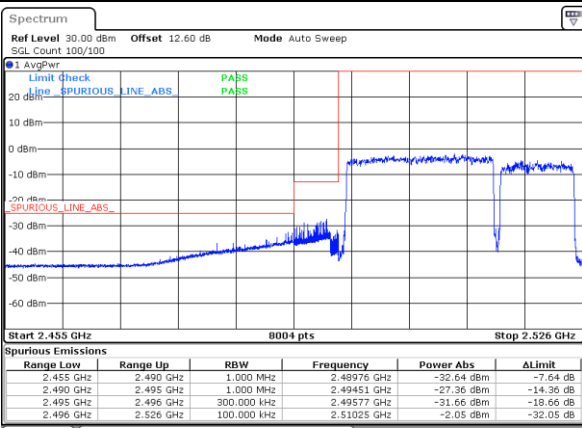


Date: 27.NOV.2023 13:01:34

Date: 27.NOV.2023 13:19:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 13:09:50

Date: 27.NOV.2023 13:11:28

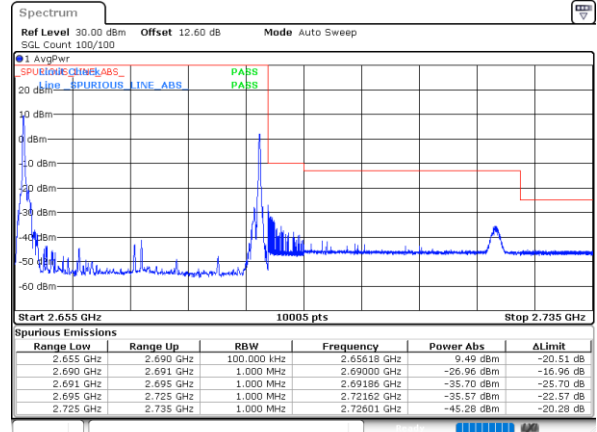
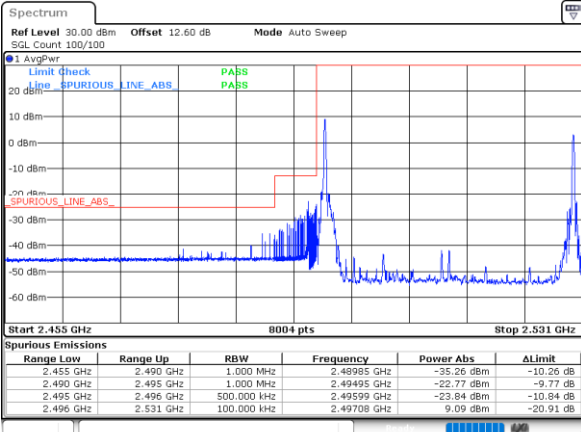


LTE Band 41C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

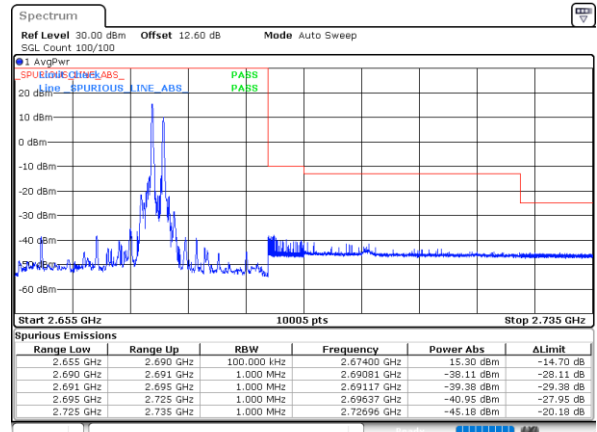
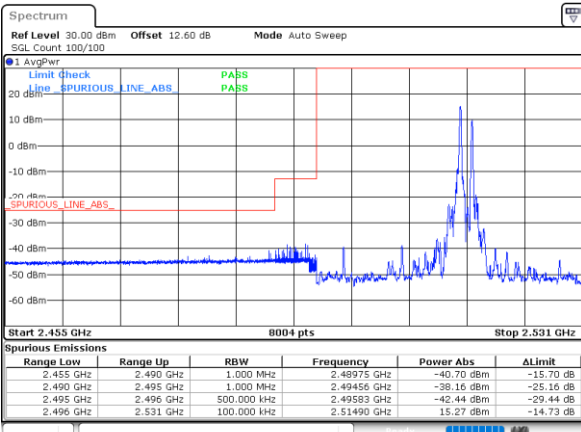


Date: 27.NOV.2023 14:37:10

Date: 27.NOV.2023 14:52:33

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

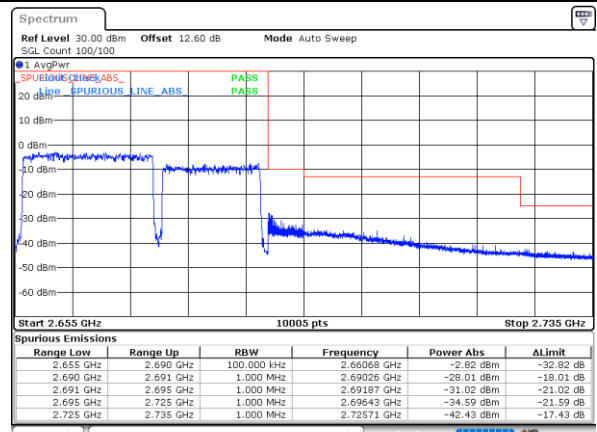
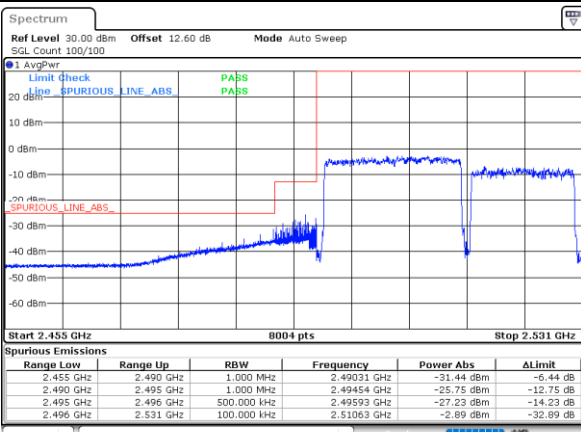


Date: 27.NOV.2023 14:35:47

Date: 27.NOV.2023 14:53:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 14:44:03

Date: 27.NOV.2023 14:45:41

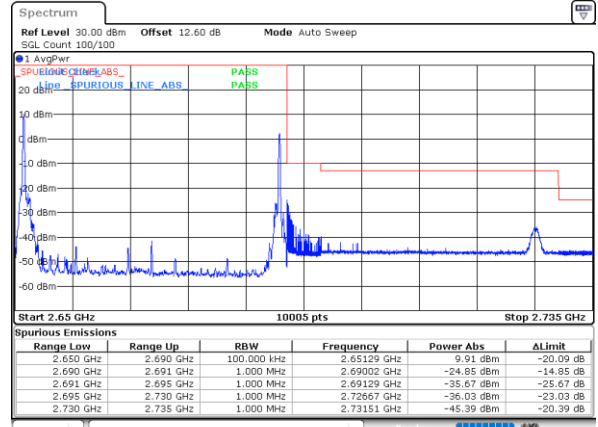
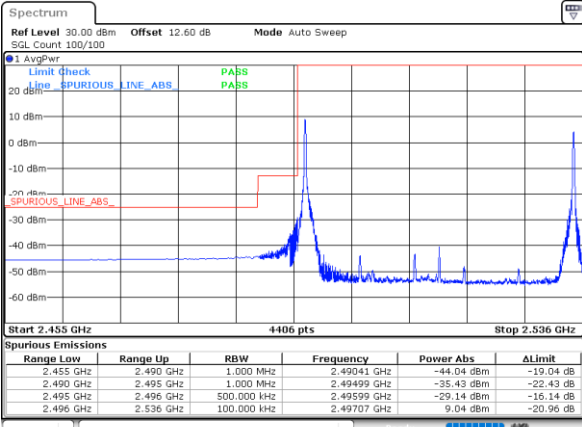


LTE Band 41C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

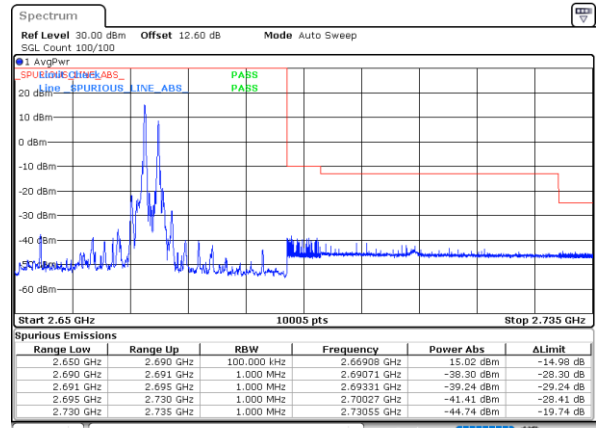
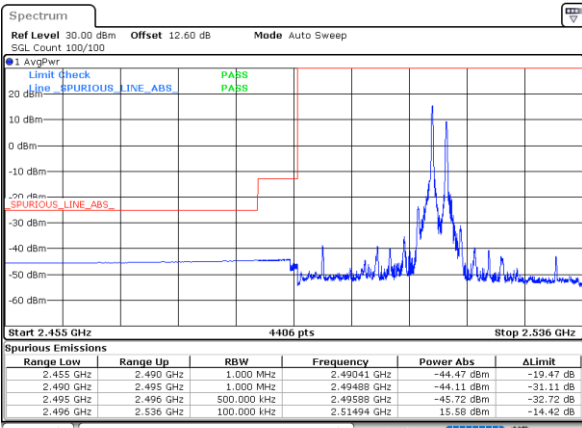


Date: 27.NOV.2023 15:08:16

Date: 27.NOV.2023 15:12:21

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

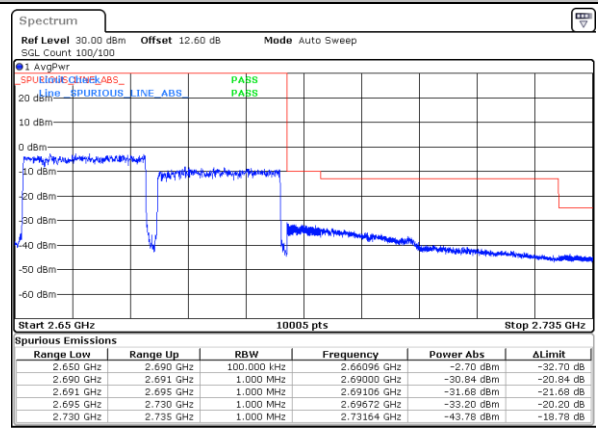
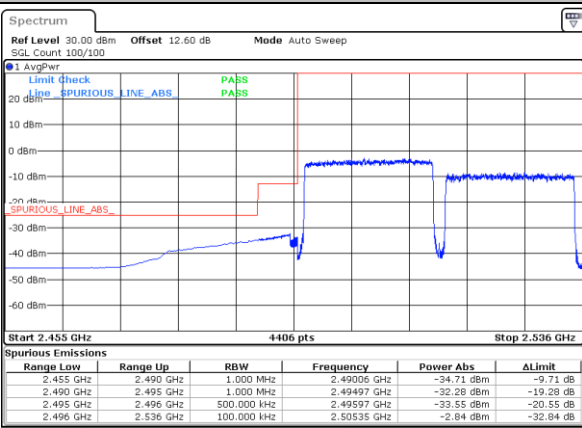


Date: 27.NOV.2023 15:06:55

Date: 27.NOV.2023 15:12:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 15:14:59

Date: 27.NOV.2023 15:16:38



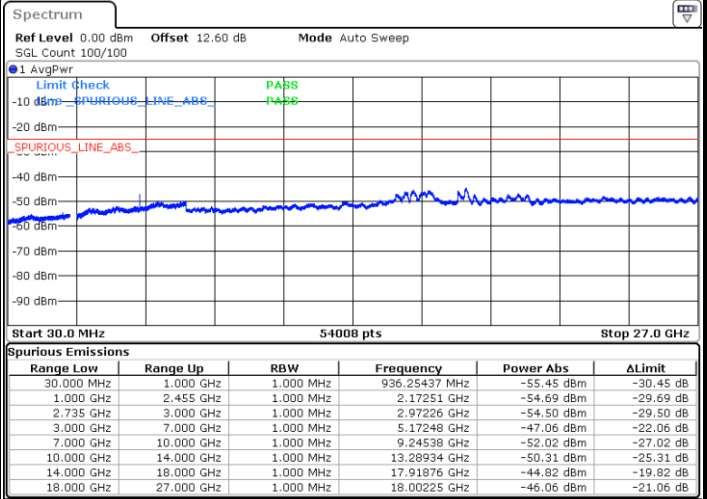
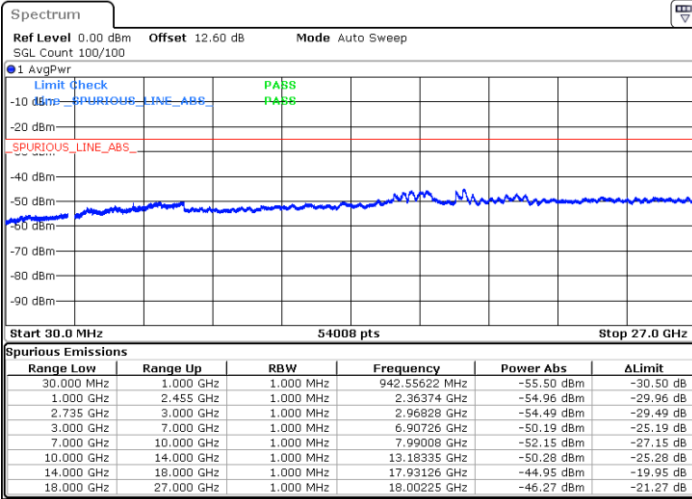
Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

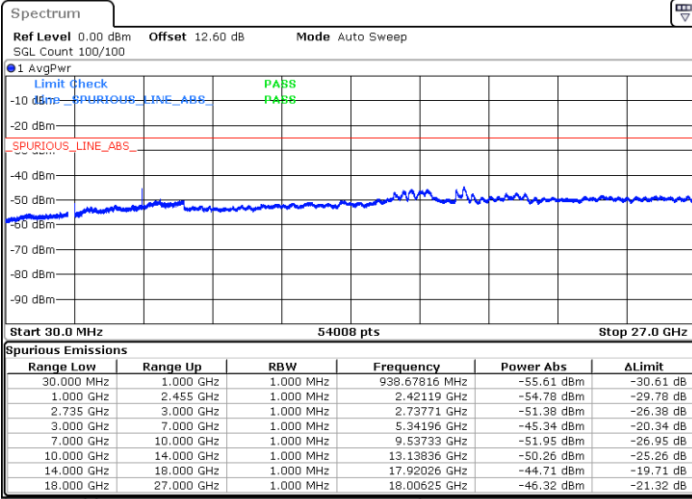


Date: 24.NOV.2023 16:53:28

Date: 24.NOV.2023 16:51:53

Highest Channel / 1RB24 and 1RB0

NA



Date: 27.NOV.2023 10:27:38

NA

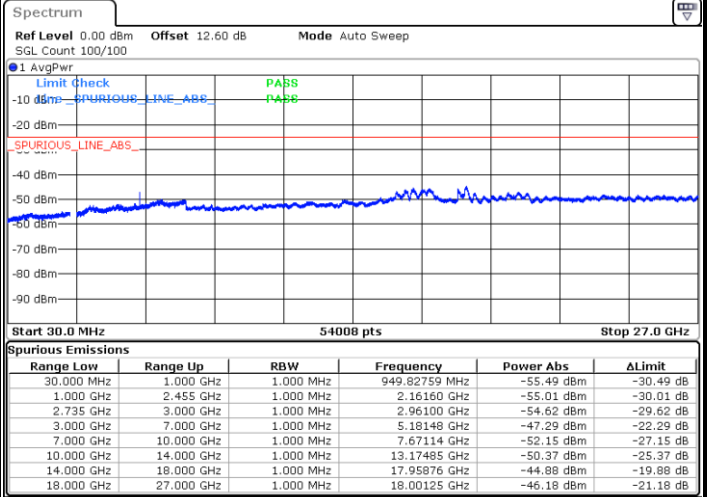
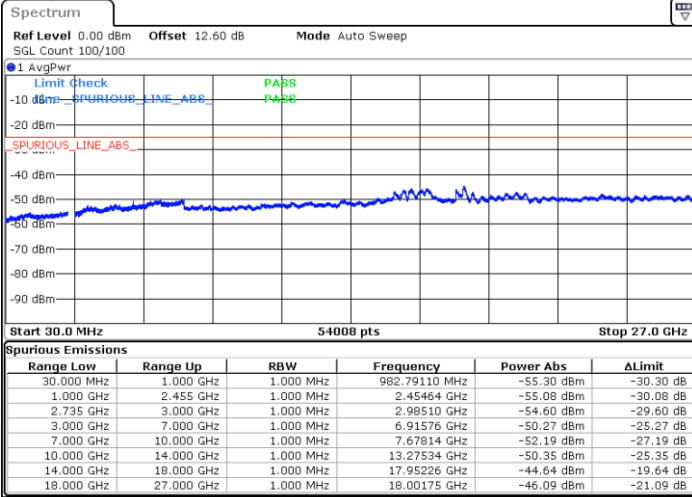


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

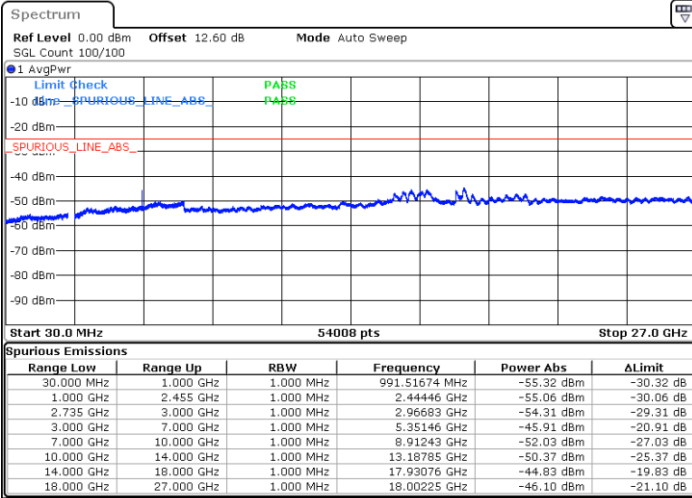


Date: 27.NOV.2023 11:23:03

Date: 27.NOV.2023 11:21:26

Highest Channel / 1RB49 and 1RB0

NA



Date: 27.NOV.2023 11:49:16

NA

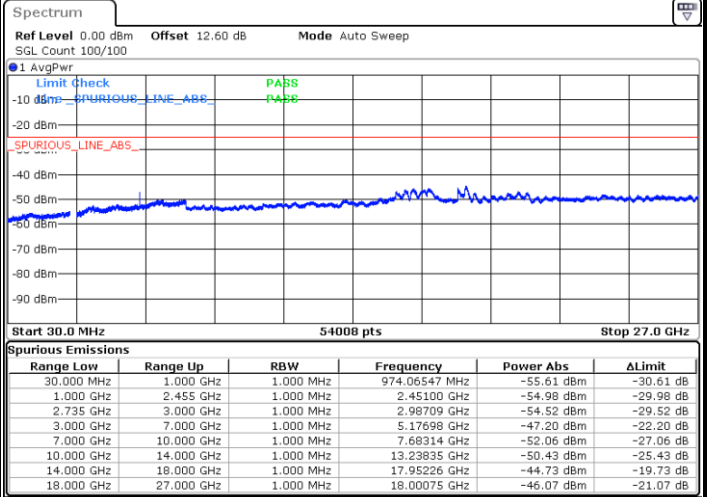
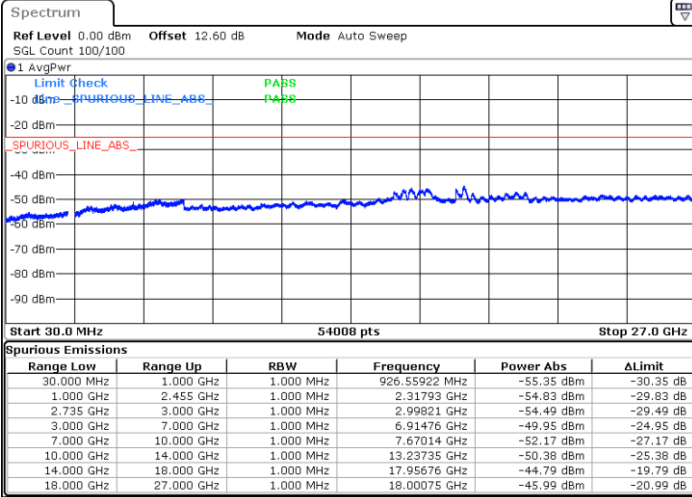


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

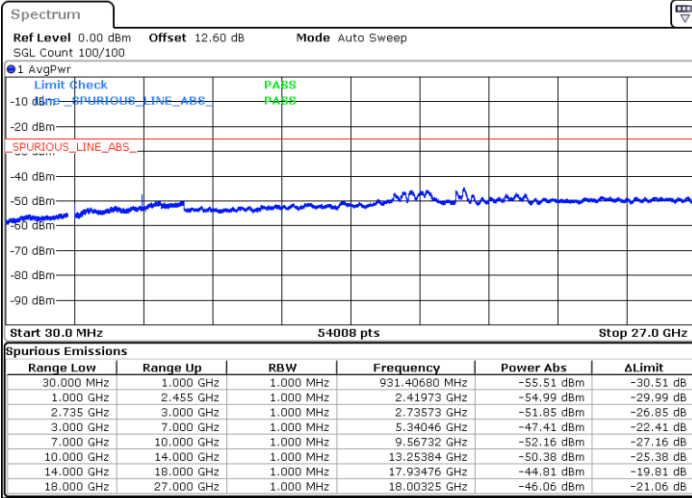


Date: 27.NOV.2023 12:26:08

Date: 27.NOV.2023 12:24:33

Highest Channel / 1RB49 and 1RB0

NA



NA

Date: 27.NOV.2023 12:52:33

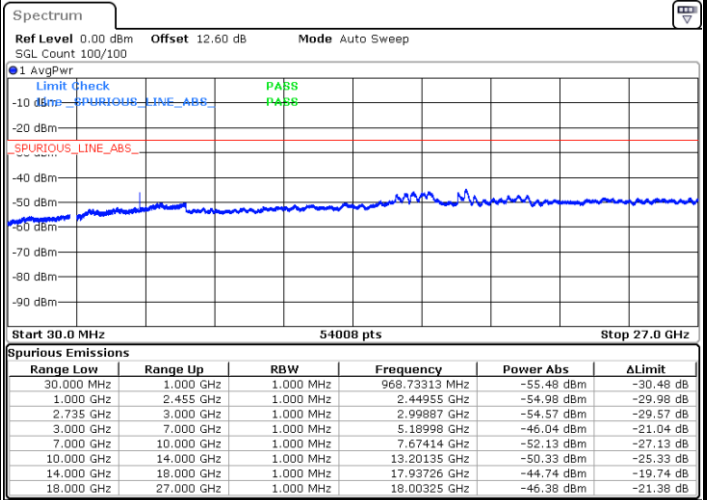
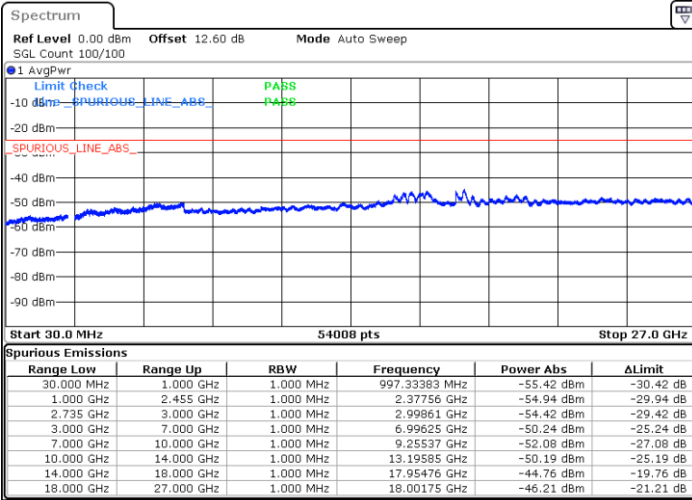


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

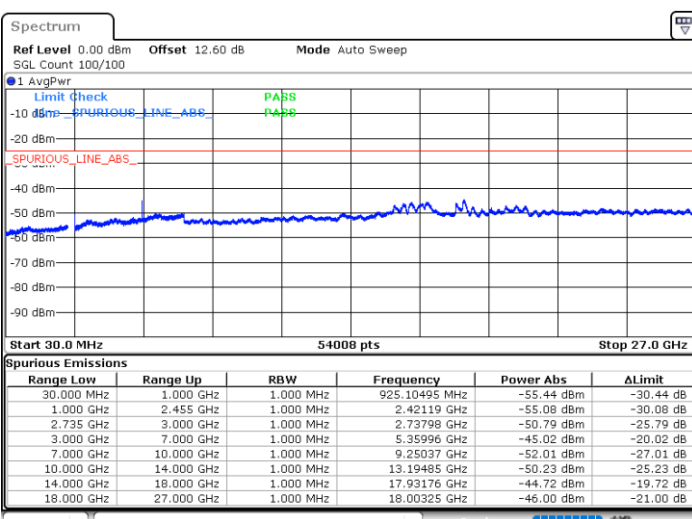


Date: 27.NOV.2023 11:54:21

Date: 27.NOV.2023 11:52:59

Highest Channel / 1RB74 and 1RB0

NA



Date: 27.NOV.2023 12:20:46

NA

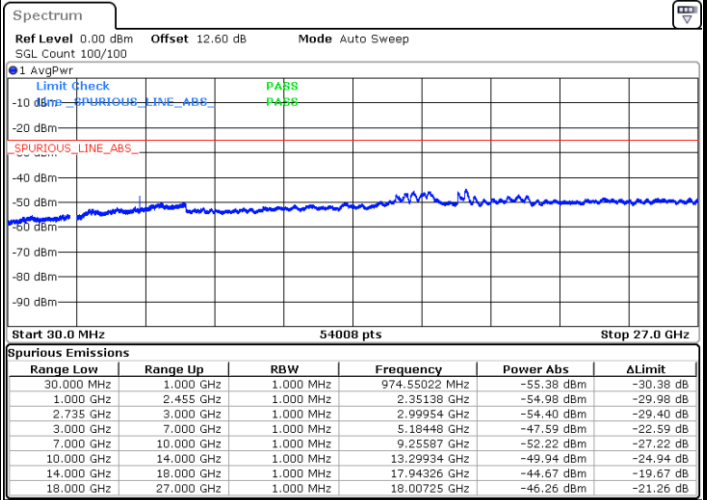
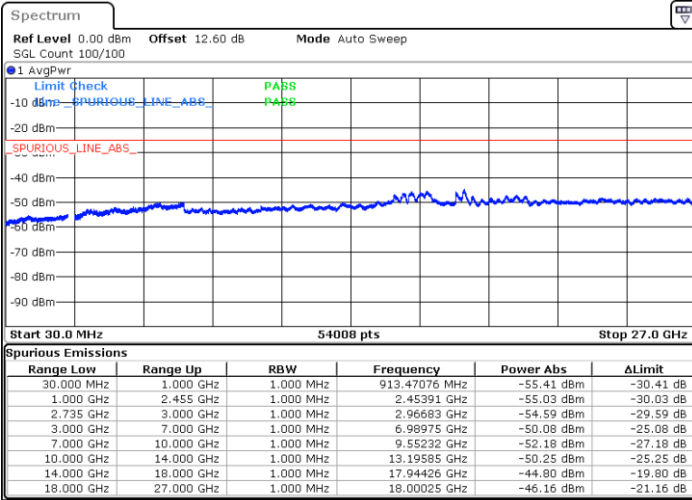


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

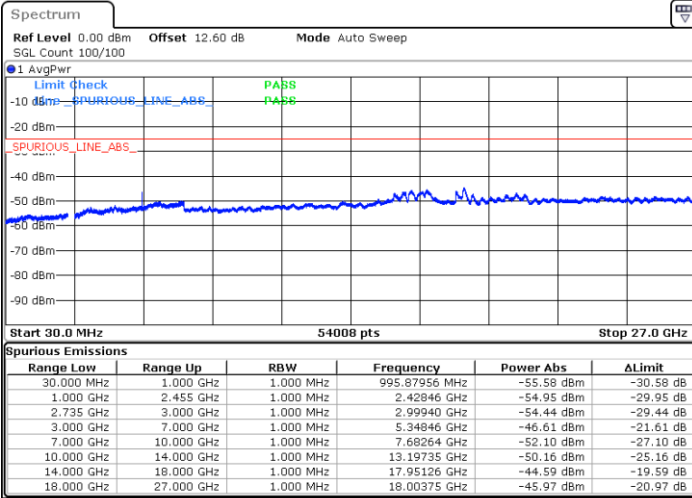


Date: 27.NOV.2023 13:29:07

Date: 27.NOV.2023 13:27:44

Highest Channel / 1RB74 and 1RB0

NA



Date: 27.NOV.2023 13:54:56

NA

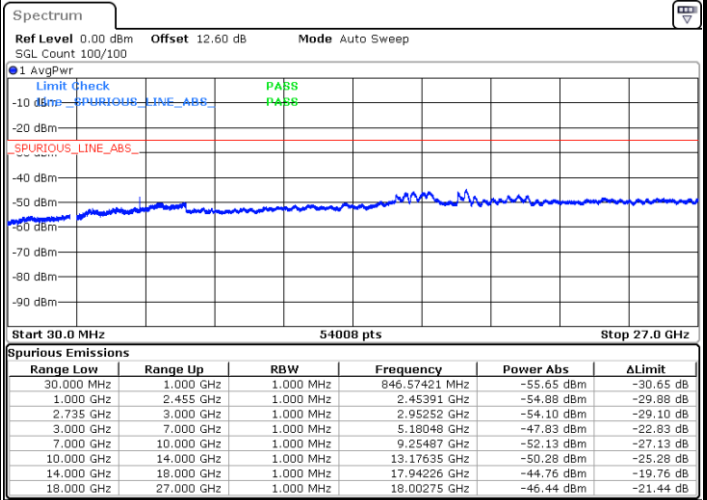
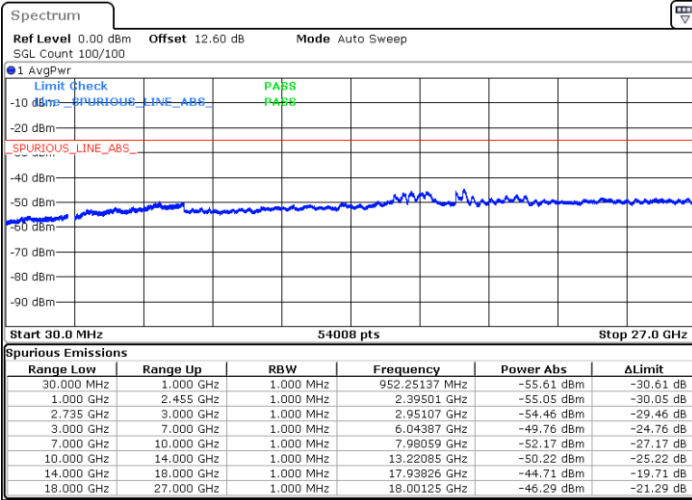


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

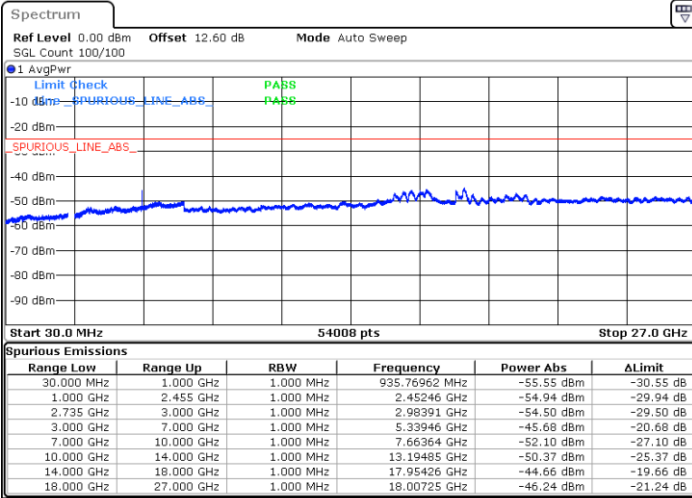


Date: 27.NOV.2023 14:00:12

Date: 27.NOV.2023 13:58:31

Highest Channel / 1RB74 and 1RB0

NA



Date: 27.NOV.2023 14:26:34

NA

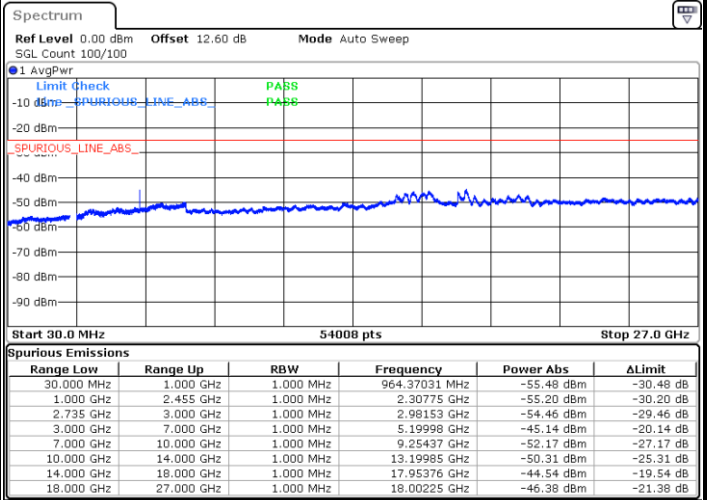
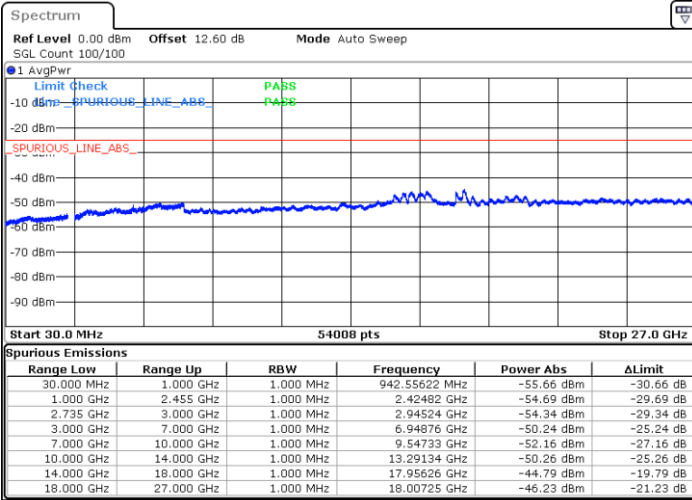


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

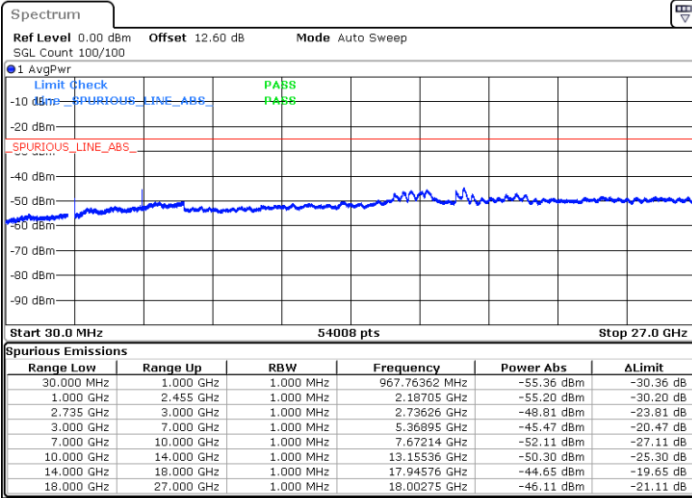


Date: 27.NOV.2023 10:43:39

Date: 27.NOV.2023 10:42:16

Highest Channel / 1RB99 and 1RB0

NA



Date: 27.NOV.2023 11:11:12

NA

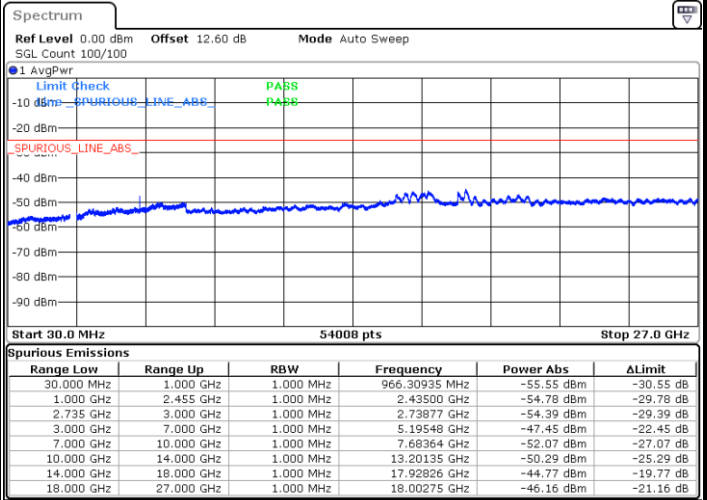
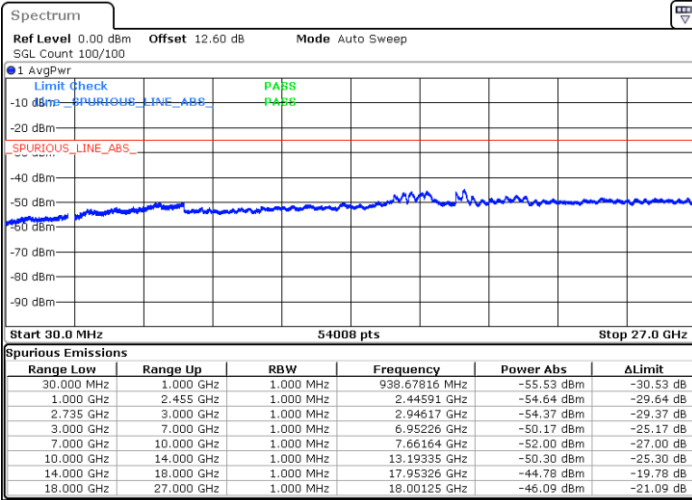


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

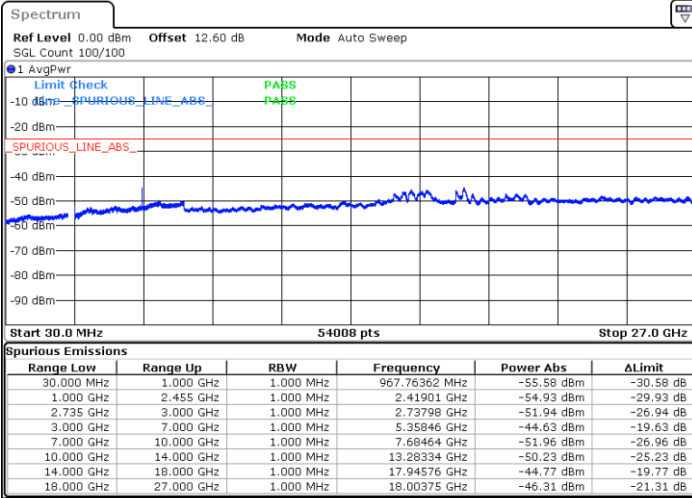


Date: 27.NOV.2023 12:57:26

Date: 27.NOV.2023 12:56:04

Highest Channel / 1RB99 and 1RB0

NA



NA

Date: 27.NOV.2023 13:23:48

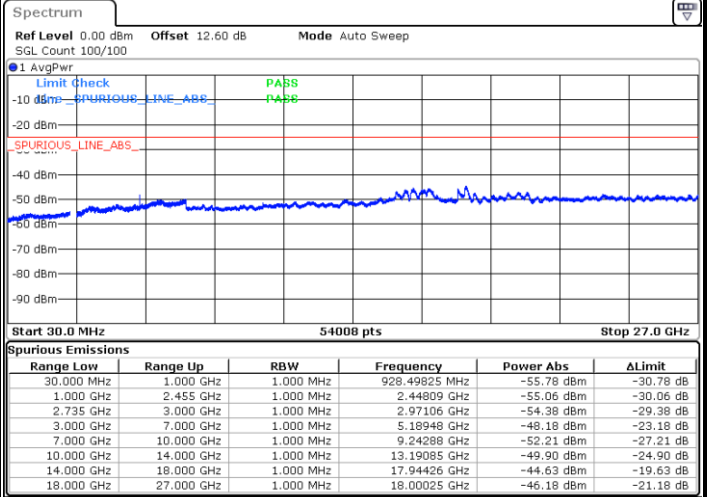
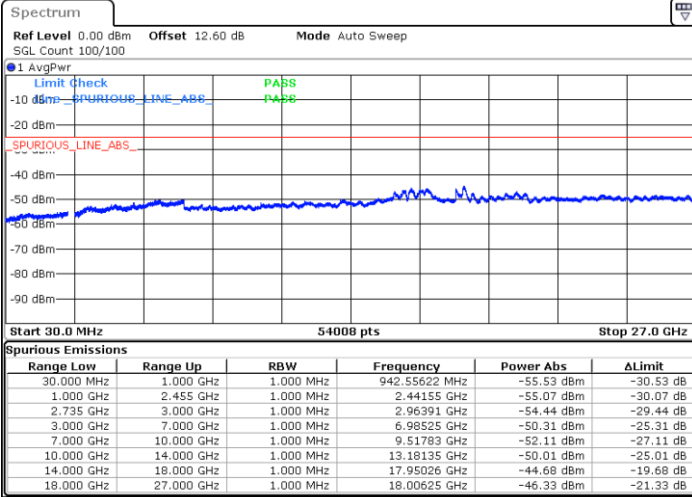


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

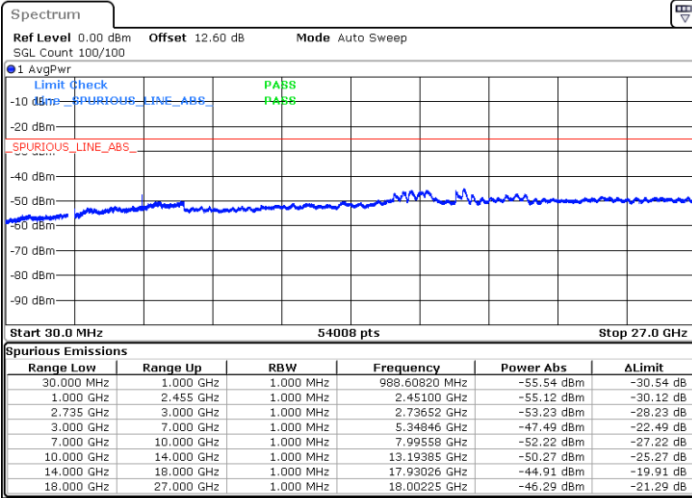


Date: 27.NOV.2023 14:31:40

Date: 27.NOV.2023 14:30:18

Highest Channel / 1RB99 and 1RB0

NA



NA

Date: 27.NOV.2023 14:58:02

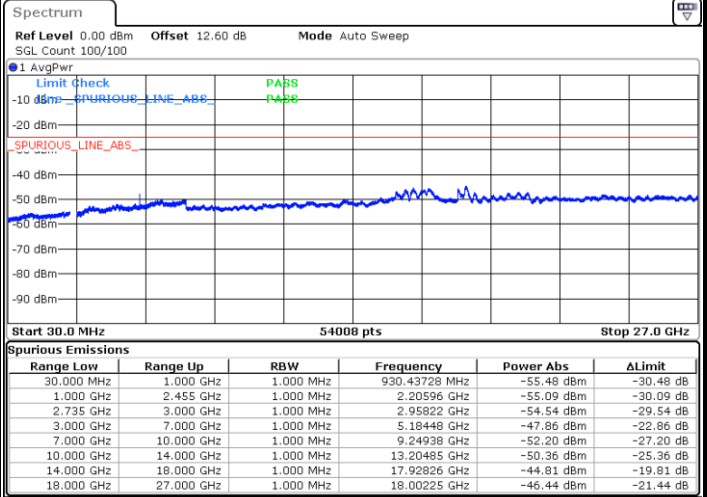
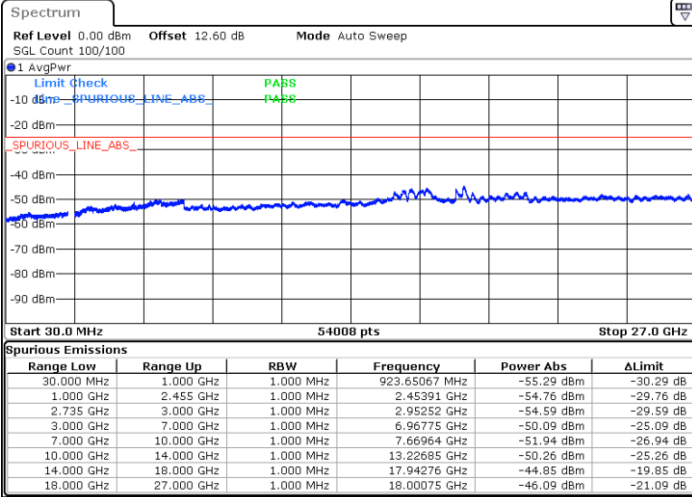


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

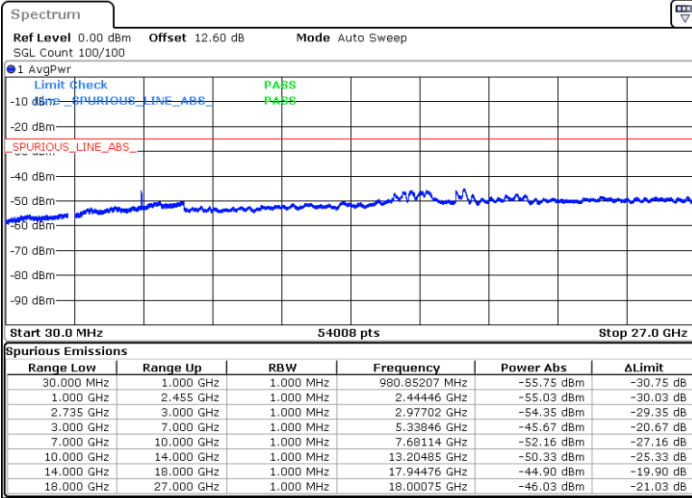


Date: 27.NOV.2023 15:02:54

Date: 27.NOV.2023 15:01:34

Highest Channel / 1RB99 and 1RB0

NA



NA

Date: 27.NOV.2023 15:28:42



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

RSE pretest all the support Antennas, only the worst results are shown in the report.

LTE Band 7 / 20MHz / 16QAM / Ant.3									
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	-56.07	-25	-31.07	-80.02	-61.63	7.14	12.70	H
	7578.27	-54.37	-25	-29.37	-81.07	-57.67	8.30	11.60	H
	10104.36	-51.19	-25	-26.19	-82.13	-52.71	10.48	12.00	H
	5052.18	-54.57	-25	-29.57	-79.85	-60.13	7.14	12.70	V
	7578.27	-54.52	-25	-29.52	-81.22	-57.82	8.30	11.60	V
	10104.36	-50.07	-25	-25.07	-81.99	-51.59	10.48	12.00	V

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

LTE Band 41 / 20MHz / 16QAM / Ant.3									
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	-55.69	-25	-30.69	-80.36	-61.25	7.14	12.70	H
	7752.00	-53.43	-25	-28.43	-79.66	-56.73	8.30	11.60	H
	10336.00	-50.54	-25	-25.54	-81.73	-52.06	10.48	12.00	H
	5168.00	-54.98	-25	-29.98	-80.15	-60.54	7.14	12.70	V
	7752.00	-50.95	-25	-25.95	-80.27	-54.25	8.30	11.60	V
	10336.00	-48.92	-25	-23.92	-81.86	-50.44	10.48	12.00	V

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

LTE Band 7C / 20+20MHz / 16QAM / Ant.3									
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	-55.67	-25	-30.67	-79.71	-61.23	7.14	12.70	H
	7605.00	-54.54	-25	-29.54	-81.13	-57.84	8.30	11.60	H
	10140.00	-50.76	-25	-25.76	-81.75	-52.28	10.48	12.00	H
	5070.00	-54.47	-25	-29.47	-79.72	-60.03	7.14	12.70	V
	7605.00	-54.06	-25	-29.06	-80.99	-57.36	8.30	11.60	V
	10140.00	-49.82	-25	-24.82	-81.91	-51.34	10.48	12.00	V

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



LTE Band 41C / 20+20MHz / 16QAM / Ant.3									
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	5148.20	-55.51	-25	-30.51	-80.06	-61.07	7.14	12.70	H
	7722.30	-54.05	-25	-29.05	-80.37	-57.35	8.30	11.60	H
	10296.40	-50.25	-25	-25.25	-81.41	-51.77	10.48	12.00	H
	5148.20	-54.60	-25	-29.60	-79.77	-60.16	7.14	12.70	V
	7722.30	-51.42	-25	-26.42	-80.13	-54.72	8.30	11.60	V
	10296.40	-48.84	-25	-23.84	-81.62	-50.36	10.48	12.00	V

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