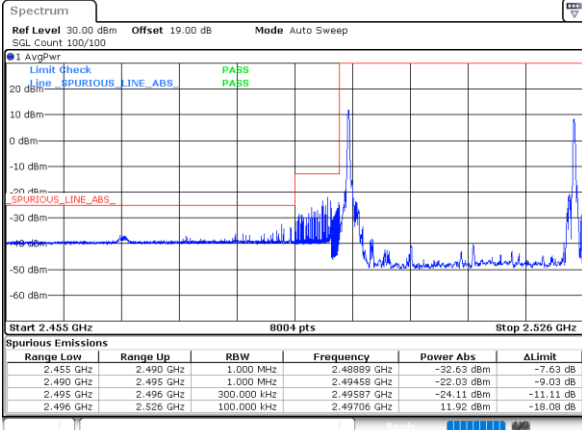




LTE Band 41C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49



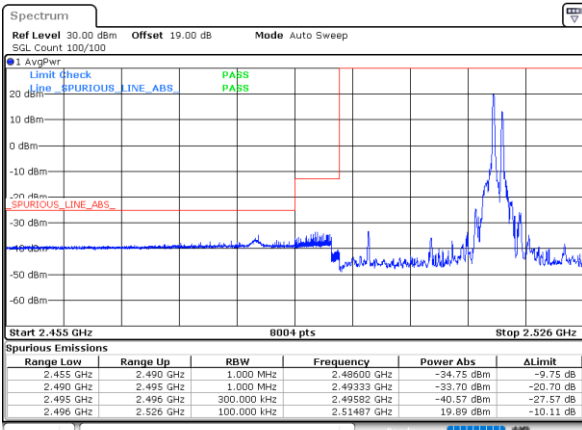
Date: 29, DEC, 2023 08:00:09

Highest Band Edge / 1RB0 and 1RB49



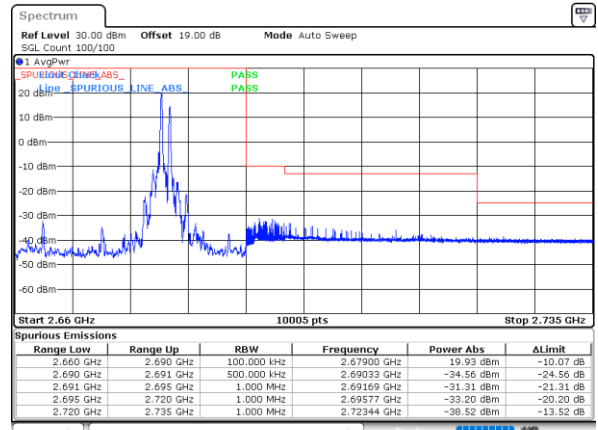
Date: 29, DEC, 2023 08:25:12

Lowest Band Edge / 1RB99 and 1RB0



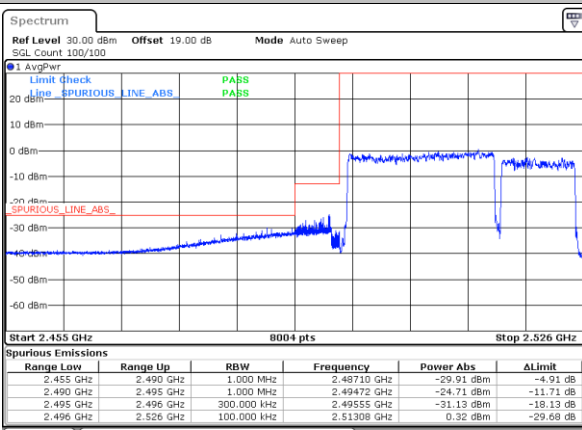
Date: 29, DEC, 2023 07:56:45

Highest Band Edge / 1RB99 and 1RB0



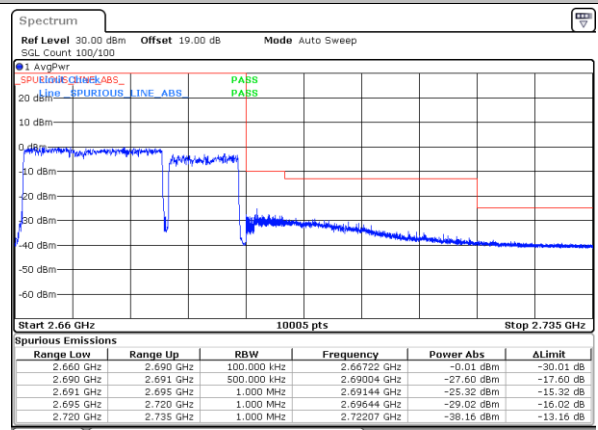
Date: 29, DEC, 2023 08:28:33

Lowest Band Edge / Full RB



Date: 29, DEC, 2023 08:03:31

Highest Band Edge / Full RB



Date: 29, DEC, 2023 08:21:50

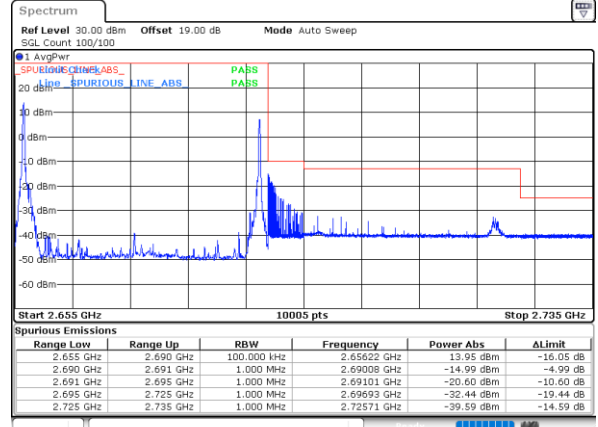
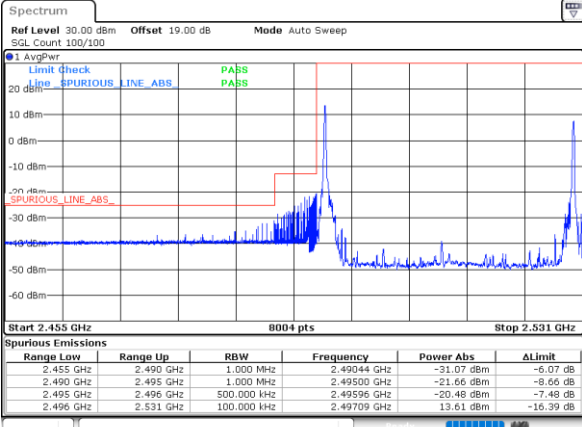


LTE Band 41C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

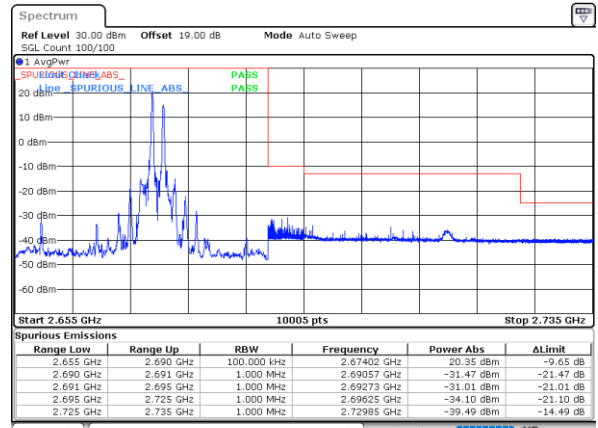
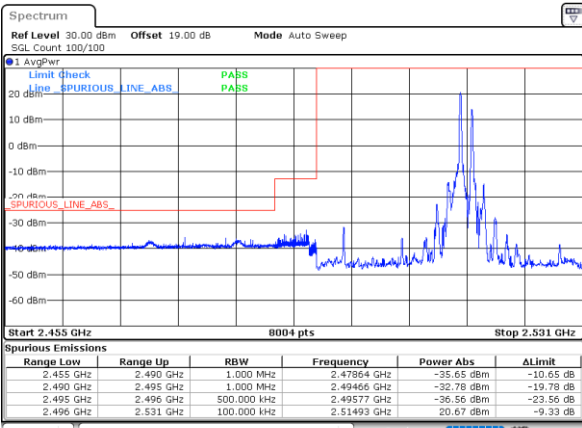


Date: 29. DEC. 2023 22:00:15

Date: 29. DEC. 2023 22:12:35

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

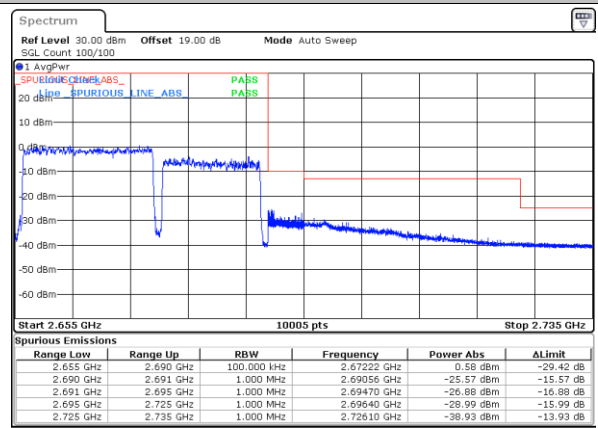
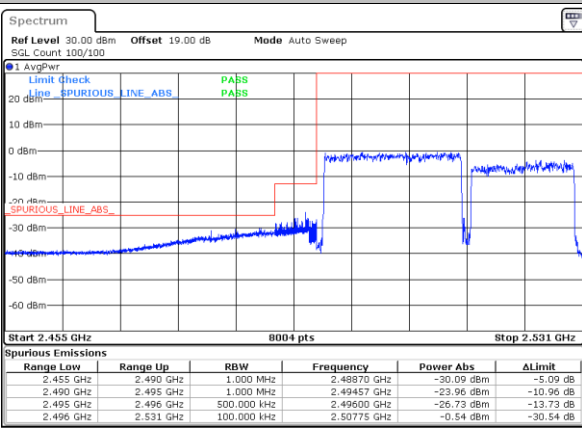


Date: 29. DEC. 2023 21:56:52

Date: 29. DEC. 2023 22:15:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29. DEC. 2023 22:49:03

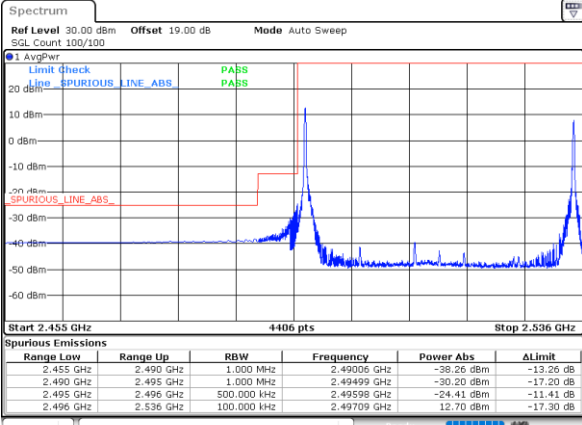
Date: 29. DEC. 2023 22:09:14



LTE Band 41C / 20MHz+20MHz

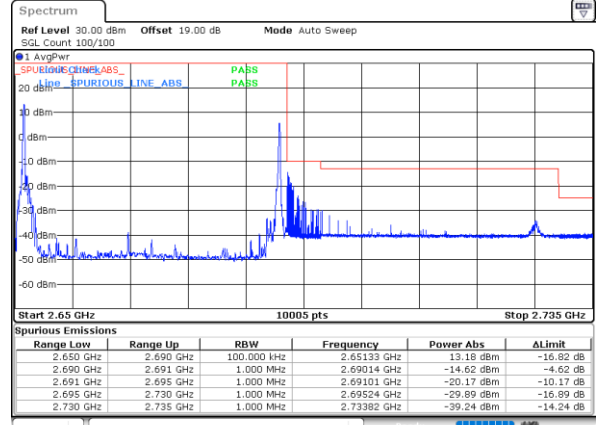
16QAM

Lowest Band Edge / 1RB0 and 1RB9



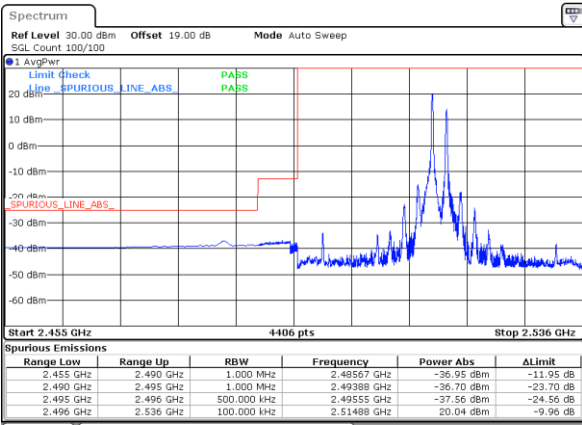
Date: 29, DEC, 2023 22:29:40

Highest Band Edge / 1RB0 and 1RB9



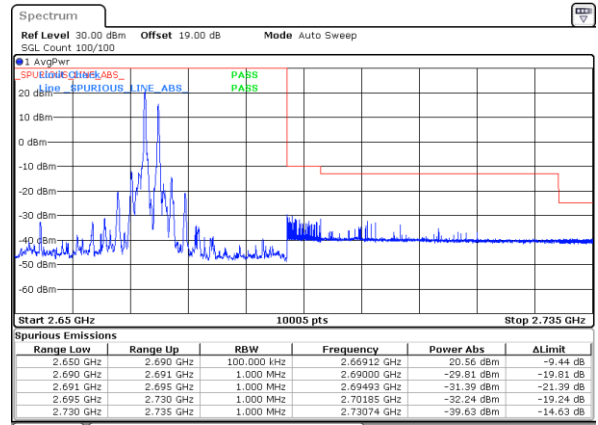
Date: 29, DEC, 2023 22:40:55

Lowest Band Edge / 1RB99 and 1RB0



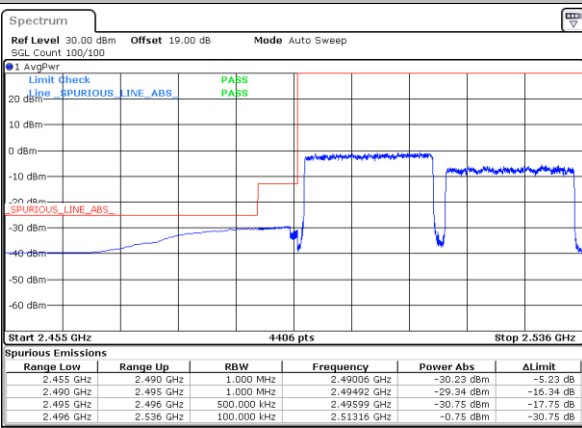
Date: 29, DEC, 2023 22:26:25

Highest Band Edge / 1RB99 and 1RB0



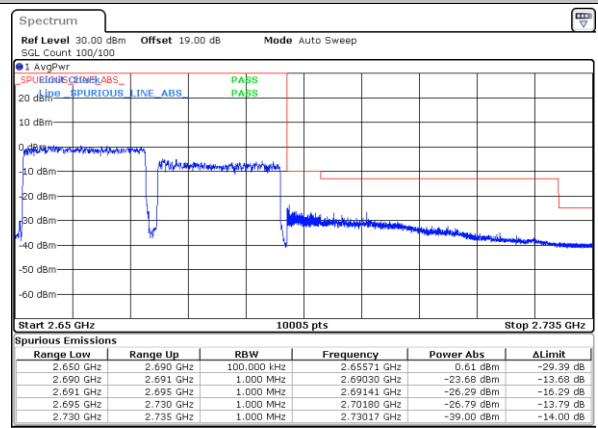
Date: 29, DEC, 2023 22:44:09

Lowest Band Edge / Full RB



Date: 29, DEC, 2023 22:32:56

Highest Band Edge / Full RB



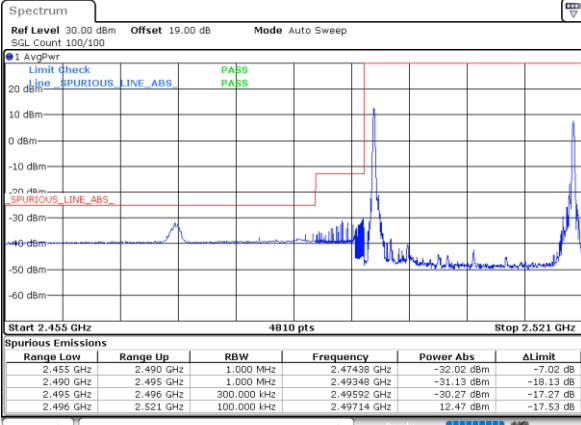
Date: 29, DEC, 2023 22:37:41



LTE Band 41C / 5MHz+20MHz

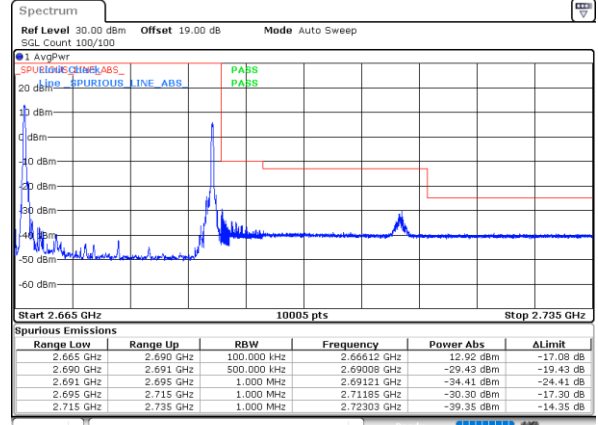
64QAM

Lowest Band Edge / 1RB0 and 1RB99



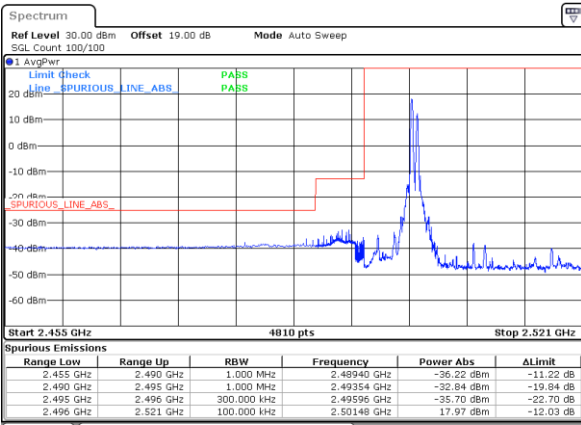
Date: 29, DEC, 2023 01:18:14

Highest Band Edge / 1RB0 and 1RB99



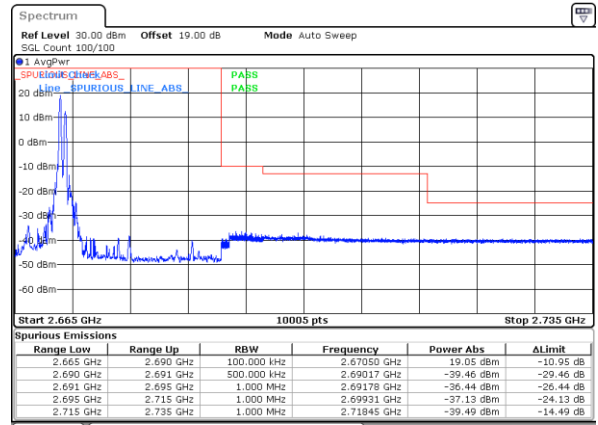
Date: 29, DEC, 2023 01:18:07

Lowest Band Edge / 1RB24 and 1RB0



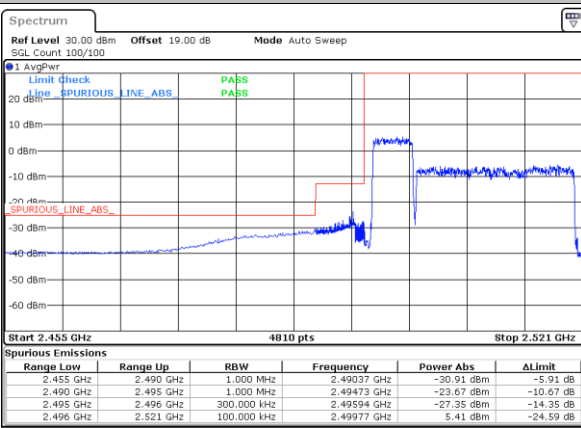
Date: 29, DEC, 2023 01:17:06

Highest Band Edge / 1RB24 and 1RB0



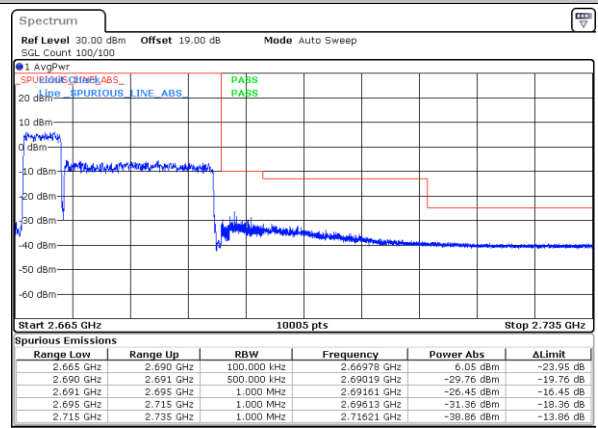
Date: 29, DEC, 2023 01:19:15

Lowest Band Edge / Full RB



Date: 29, DEC, 2023 01:23:51

Highest Band Edge / Full RB



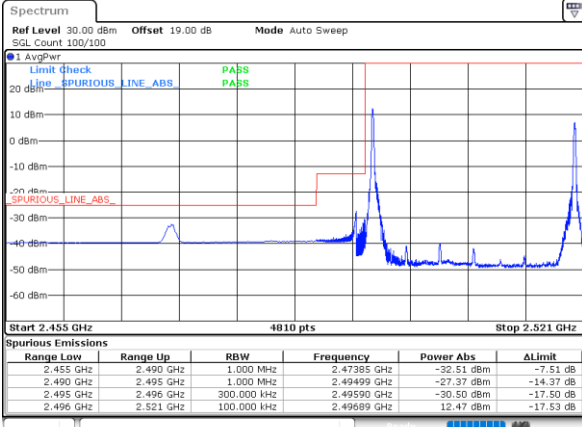
Date: 29, DEC, 2023 01:26:28



LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74



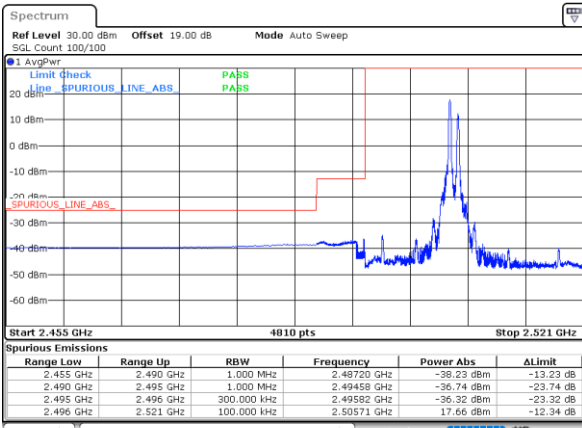
Date: 29, DEC, 2023 02:52:22

Highest Band Edge / 1RB0 and 1RB74



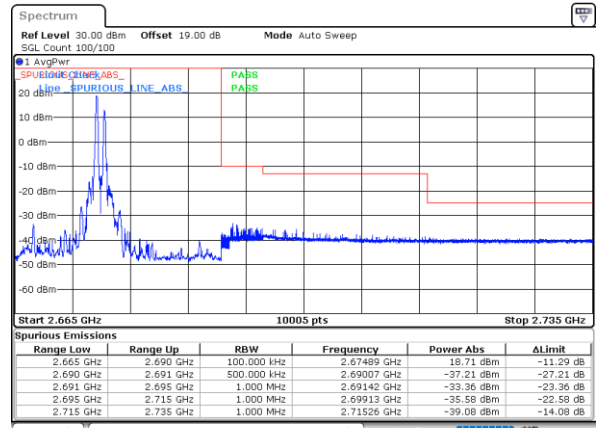
Date: 29, DEC, 2023 03:06:07

Lowest Band Edge / 1RB49 and 1RB0



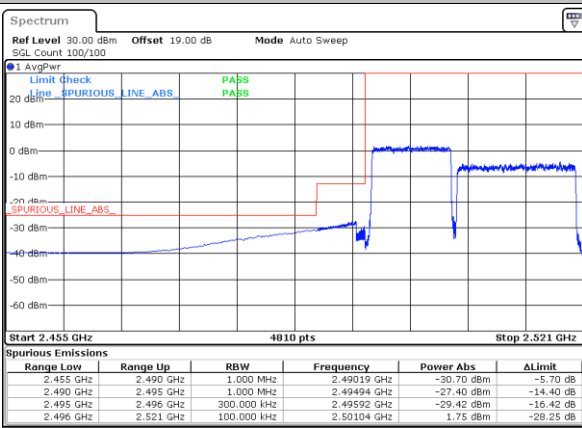
Date: 29, DEC, 2023 02:51:14

Highest Band Edge / 1RB49 and 1RB0



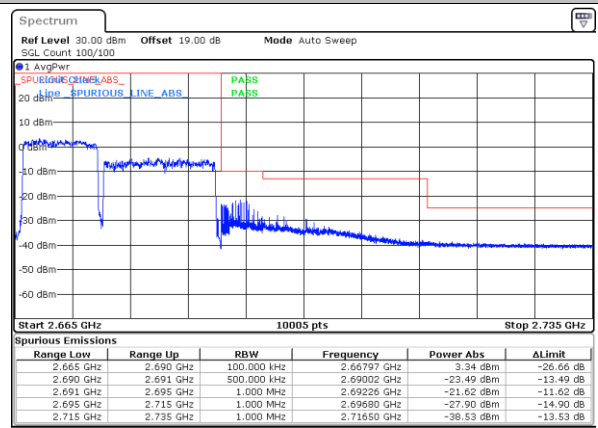
Date: 29, DEC, 2023 03:07:14

Lowest Band Edge / Full RB



Date: 29, DEC, 2023 02:57:55

Highest Band Edge / Full RB



Date: 29, DEC, 2023 03:00:31



LTE Band 41C / 10MHz+20MHz

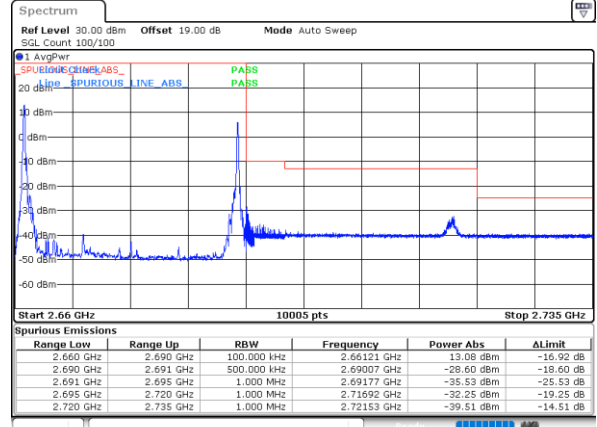
64QAM

Lowest Band Edge / 1RB0 and 1RB9



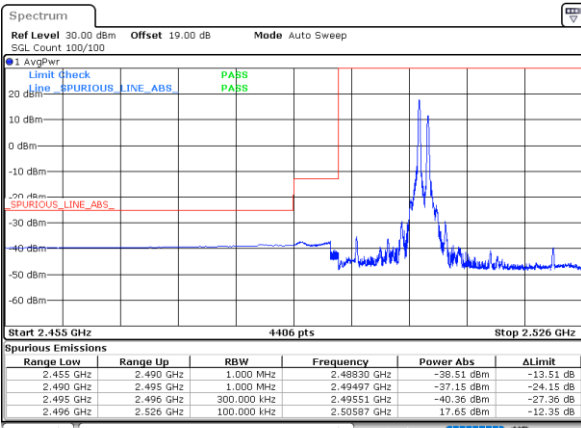
Date: 29. DEC. 2023 06:13:15

Highest Band Edge / 1RB0 and 1RB9



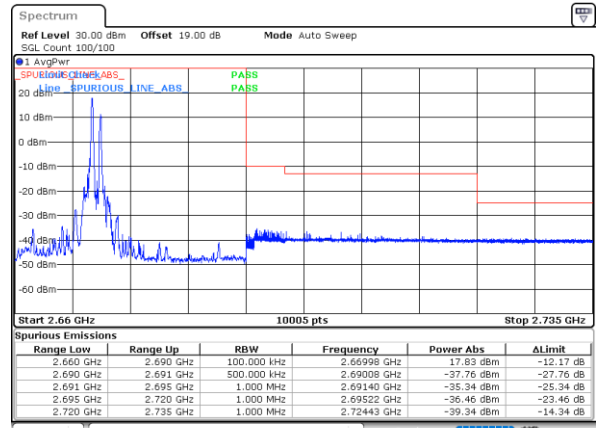
Date: 29. DEC. 2023 07:05:35

Lowest Band Edge / 1RB49 and 1RB0



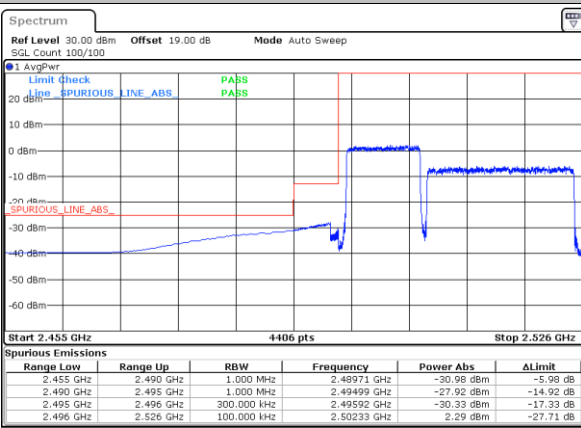
Date: 29. DEC. 2023 06:12:07

Highest Band Edge / 1RB49 and 1RB0



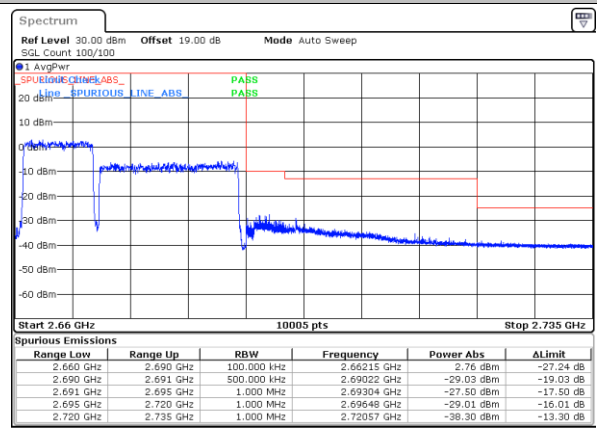
Date: 29. DEC. 2023 07:06:43

Lowest Band Edge / Full RB



Date: 29. DEC. 2023 22:53:43

Highest Band Edge / Full RB



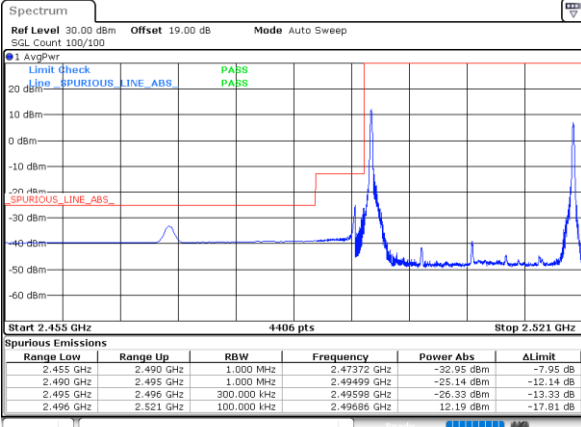
Date: 29. DEC. 2023 06:59:59



LTE Band 41C / 15MHz+10MHz

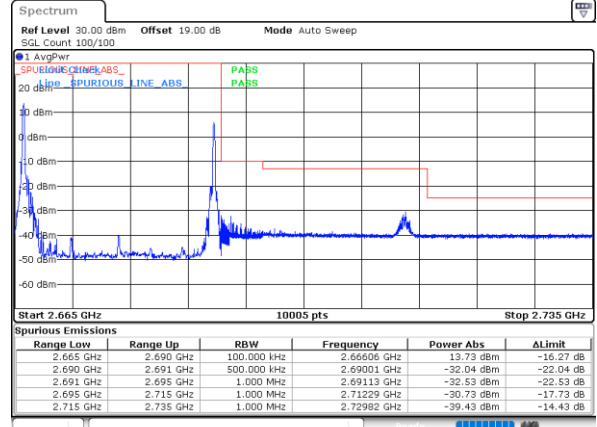
64QAM

Lowest Band Edge / 1RB0 and 1RB49



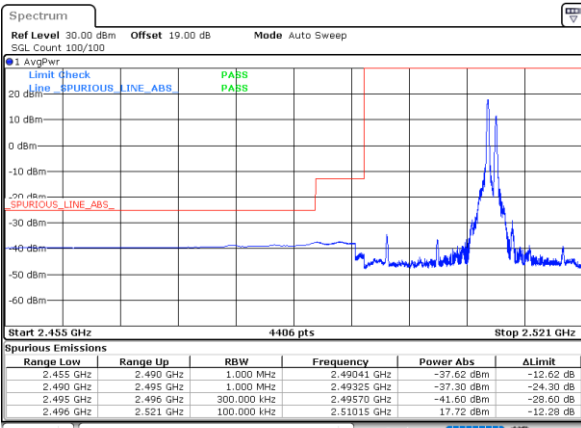
Date: 29, DEC, 2023 04:12:16

Highest Band Edge / 1RB0 and 1RB49



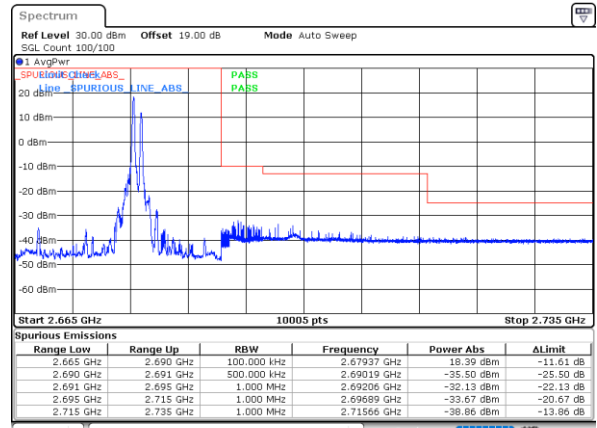
Date: 29, DEC, 2023 04:45:31

Lowest Band Edge / 1RB74 and 1RB0



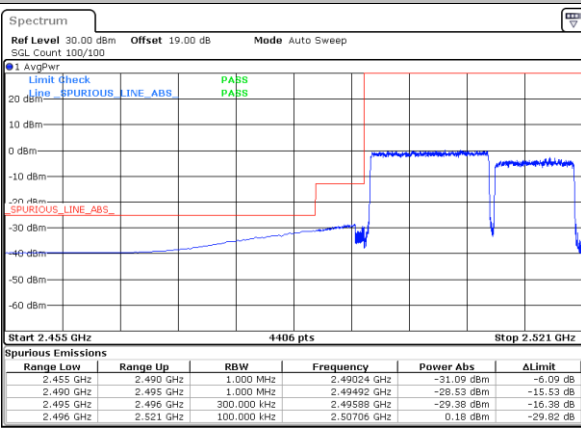
Date: 29, DEC, 2023 04:11:08

Highest Band Edge / 1RB74 and 1RB0



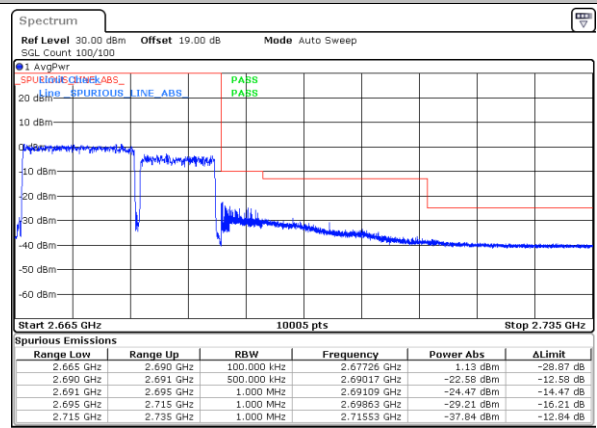
Date: 29, DEC, 2023 04:46:39

Lowest Band Edge / Full RB



Date: 29, DEC, 2023 04:17:53

Highest Band Edge / Full RB



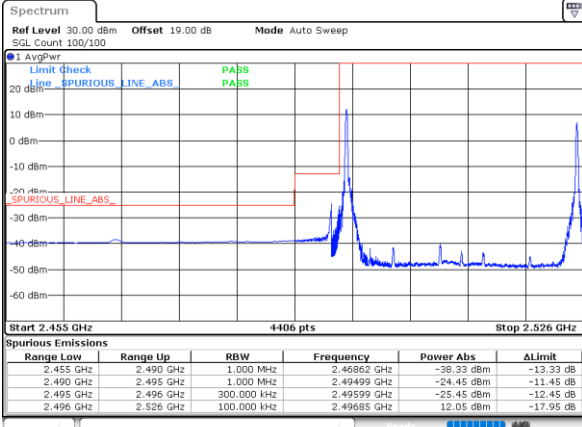
Date: 29, DEC, 2023 04:39:56



LTE Band 41C / 15MHz+15MHz

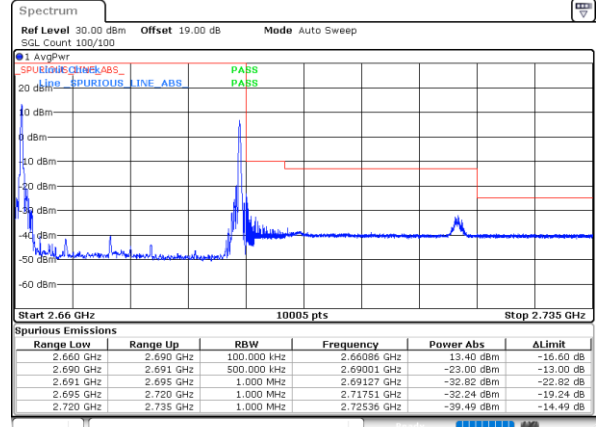
64QAM

Lowest Band Edge / 1RB0 and 1RB74



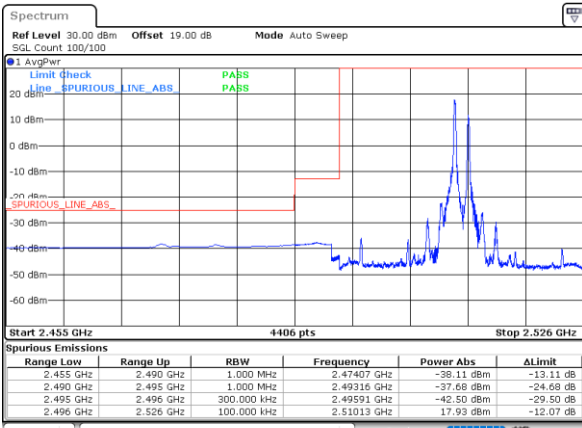
Date: 29. DEC. 2023 09:05:49

Highest Band Edge / 1RB0 and 1RB74



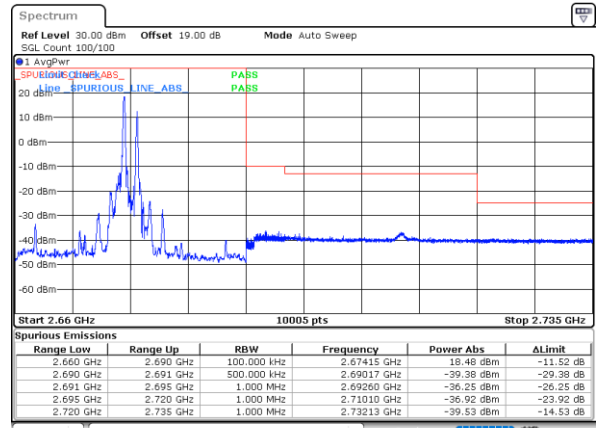
Date: 29. DEC. 2023 09:56:33

Lowest Band Edge / 1RB74 and 1RB0



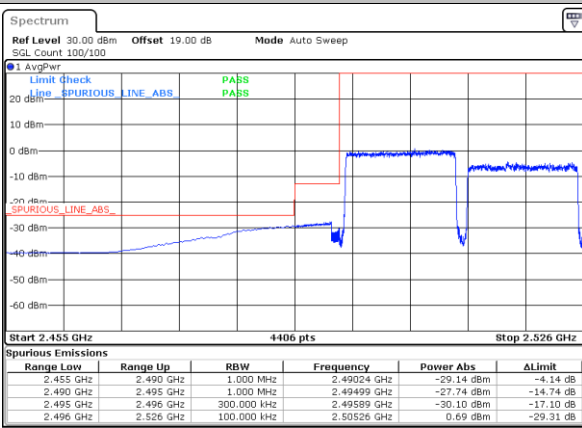
Date: 29. DEC. 2023 09:04:44

Highest Band Edge / 1RB74 and 1RB0



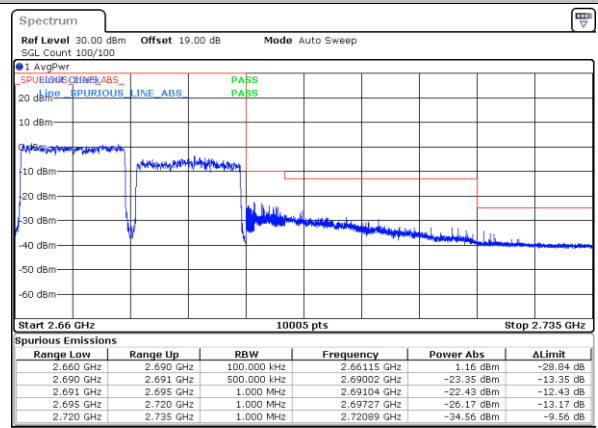
Date: 29. DEC. 2023 09:57:38

Lowest Band Edge / Full RB



Date: 29. DEC. 2023 09:11:14

Highest Band Edge / Full RB



Date: 29. DEC. 2023 09:51:09

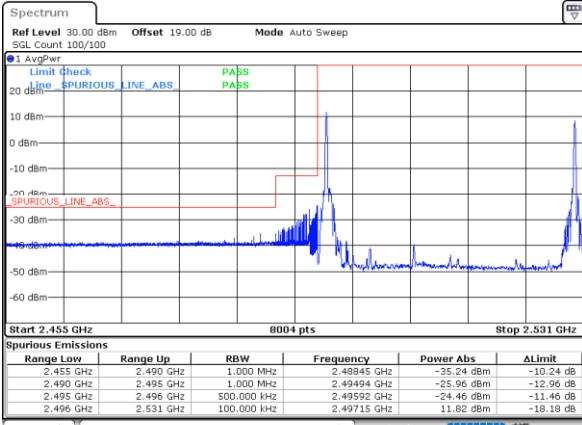




LTE Band 41C / 15MHz+20MHz

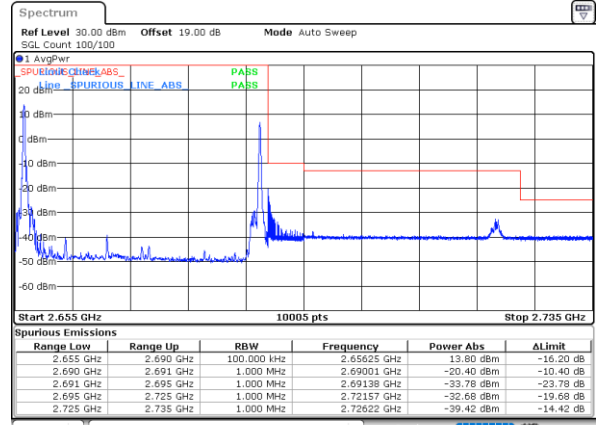
64QAM

Lowest Band Edge / 1RB0 and 1RB9



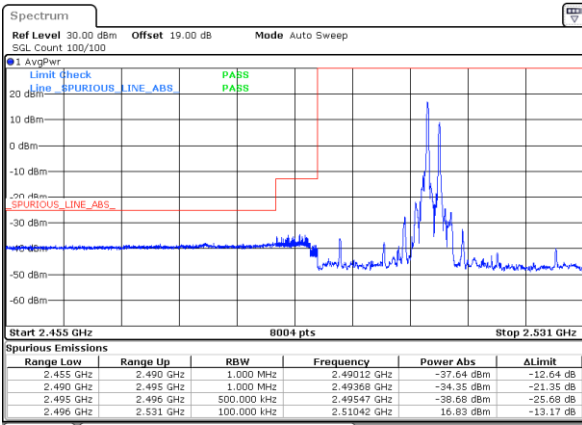
Date: 29, DEC, 2023 21:28:07

Highest Band Edge / 1RB0 and 1RB9



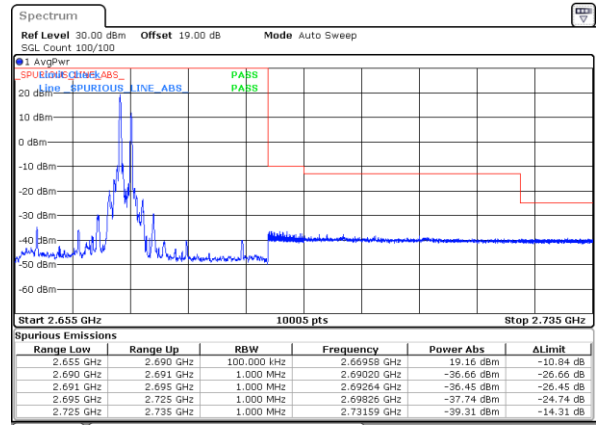
Date: 29, DEC, 2023 21:41:58

Lowest Band Edge / 1RB74 and 1RB0



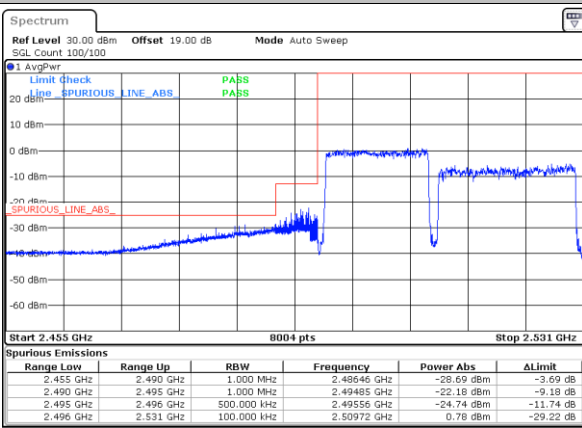
Date: 29, DEC, 2023 21:27:00

Highest Band Edge / 1RB74 and 1RB0



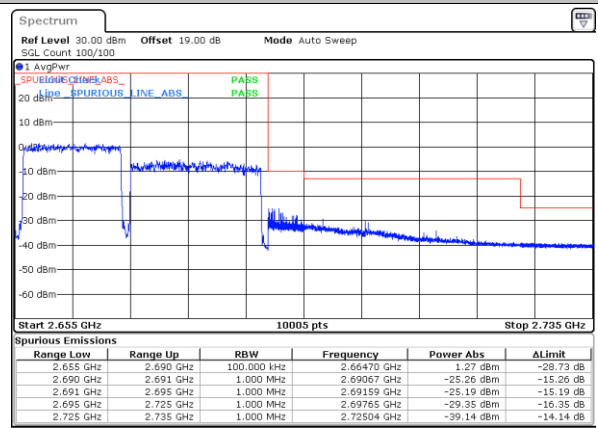
Date: 29, DEC, 2023 21:43:06

Lowest Band Edge / Full RB



Date: 29, DEC, 2023 21:33:44

Highest Band Edge / Full RB



Date: 29, DEC, 2023 21:36:22



LTE Band 41C / 20MHz+5MHz

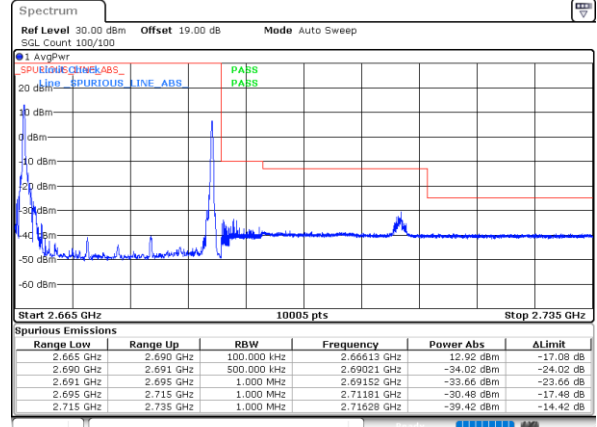
64QAM

Lowest Band Edge / 1RB0 and 1RB24



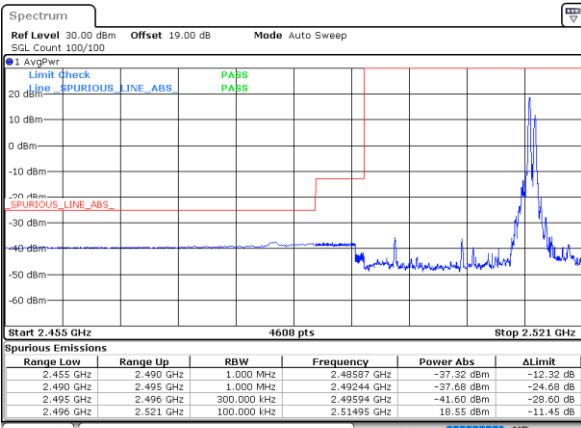
Date: 29. DEC. 2023 02:04:04

Highest Band Edge / 1RB0 and 1RB24



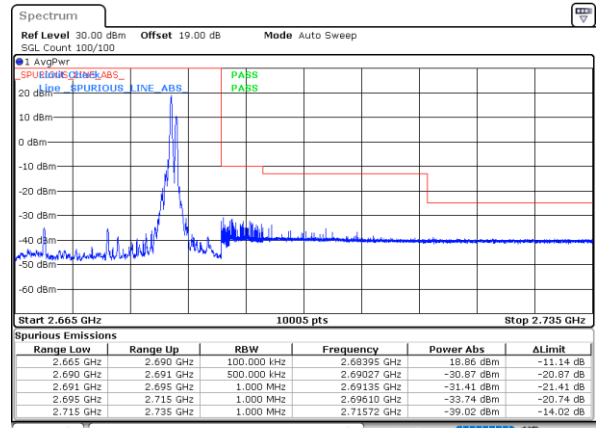
Date: 29. DEC. 2023 02:14:21

Lowest Band Edge / 1RB99 and 1RB0



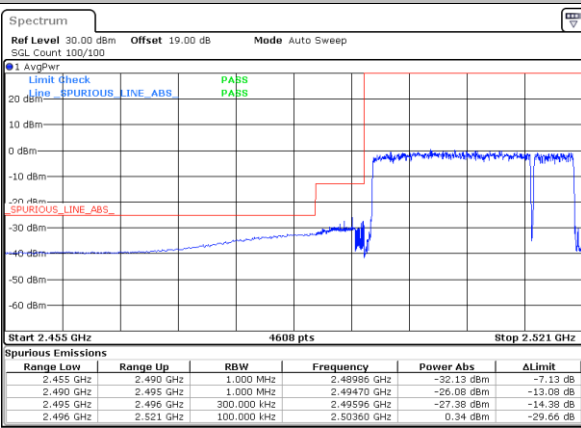
Date: 29. DEC. 2023 02:02:56

Highest Band Edge / 1RB99 and 1RB0



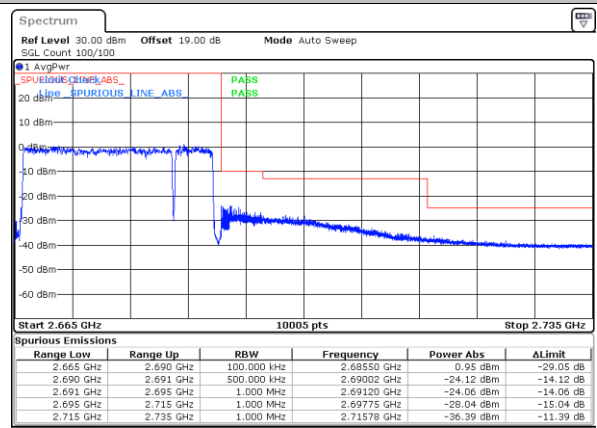
Date: 29. DEC. 2023 02:12:29

Lowest Band Edge / Full RB



Date: 29. DEC. 2023 02:09:41

Highest Band Edge / Full RB



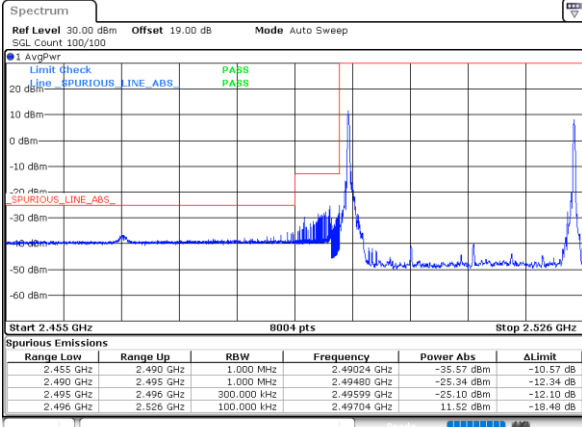
Date: 29. DEC. 2023 02:13:06



LTE Band 41C / 20MHz+10MHz

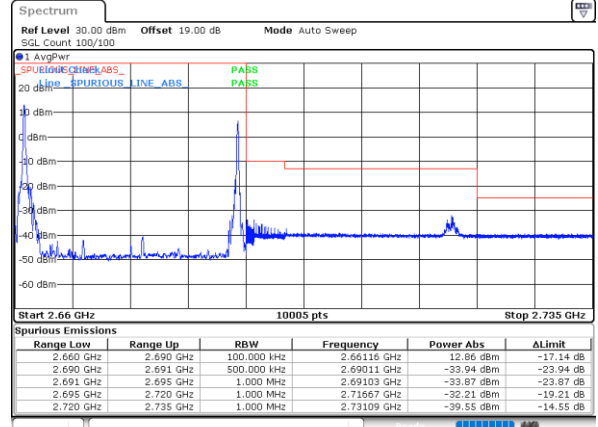
64QAM

Lowest Band Edge / 1RB0 and 1RB49



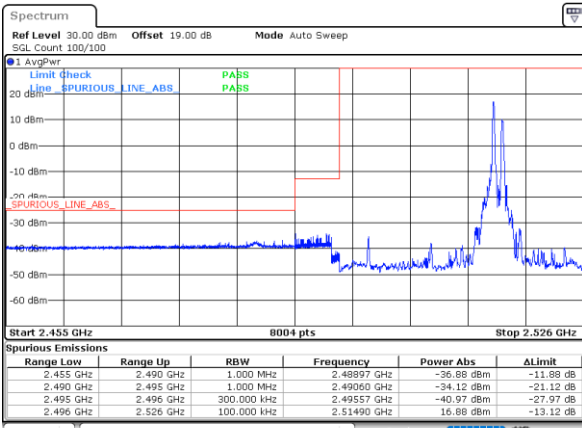
Date: 29, DEC, 2023 07:59:01

Highest Band Edge / 1RB0 and 1RB49



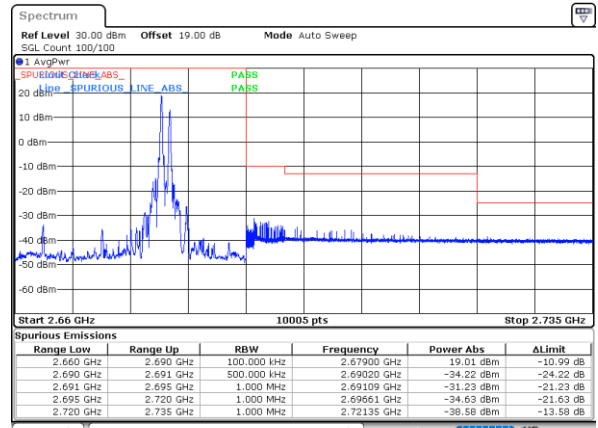
Date: 29, DEC, 2023 08:26:19

Lowest Band Edge / 1RB99 and 1RB0



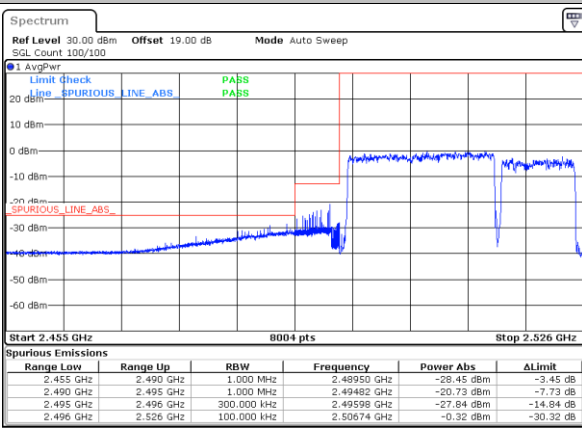
Date: 29, DEC, 2023 07:57:53

Highest Band Edge / 1RB99 and 1RB0



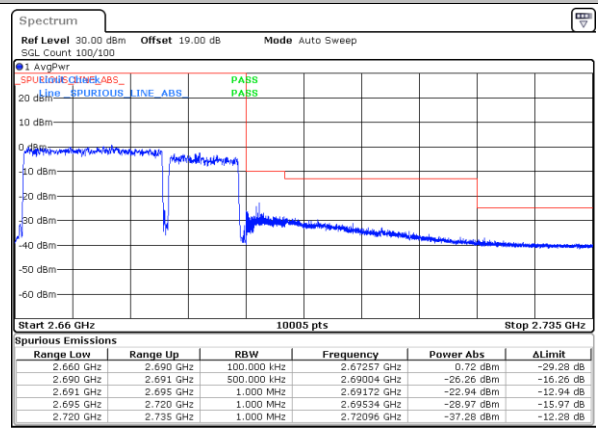
Date: 29, DEC, 2023 08:27:27

Lowest Band Edge / Full RB



Date: 29, DEC, 2023 08:04:39

Highest Band Edge / Full RB



Date: 29, DEC, 2023 08:20:43

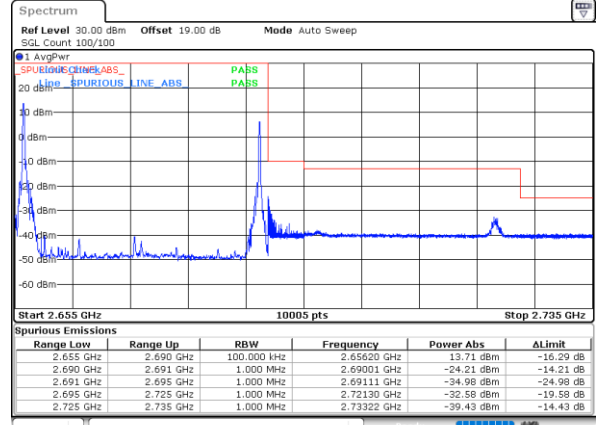
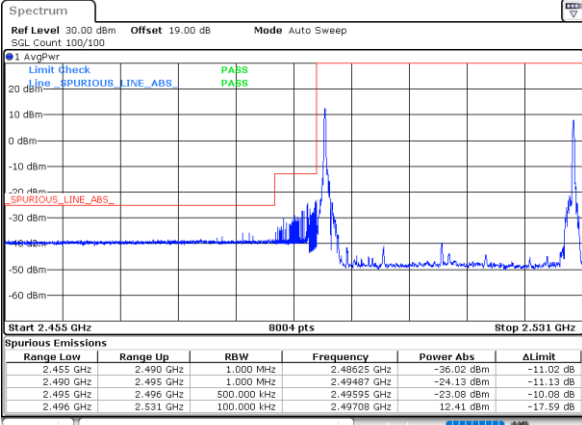


LTE Band 41C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

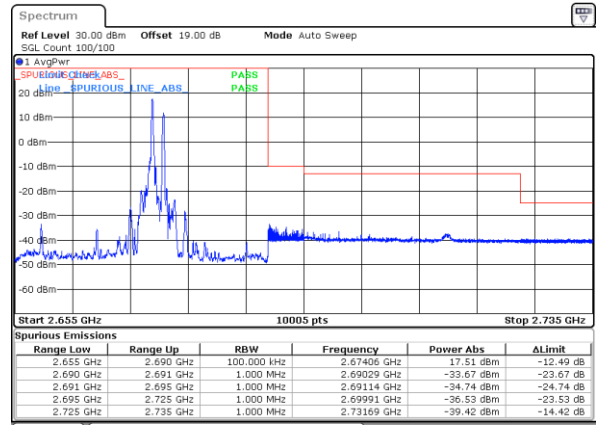
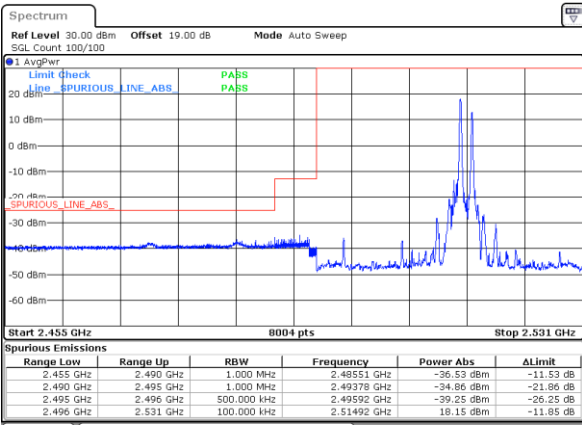


Date: 29. DEC. 2023 21:59:09

Date: 29. DEC. 2023 22:13:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

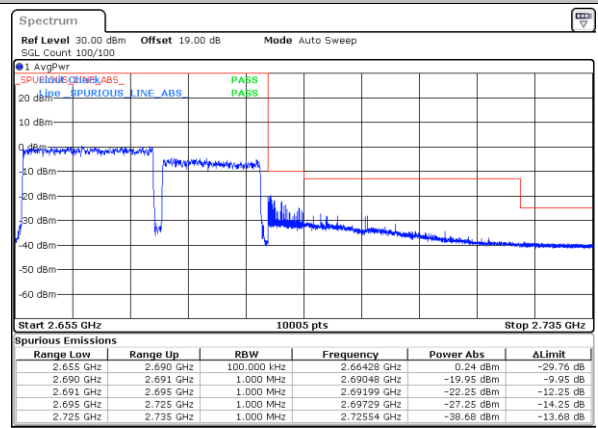
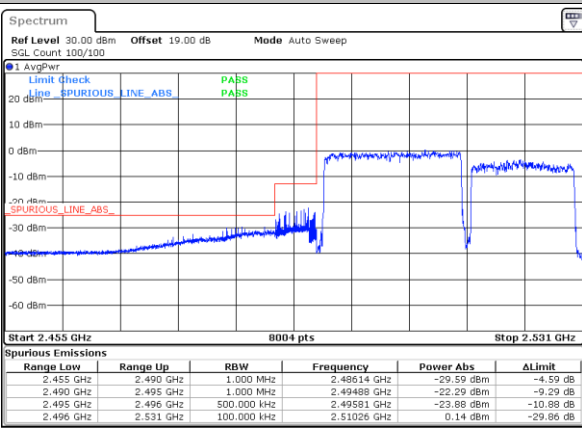


Date: 29. DEC. 2023 21:59:09

Date: 29. DEC. 2023 22:14:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29. DEC. 2023 22:04:46

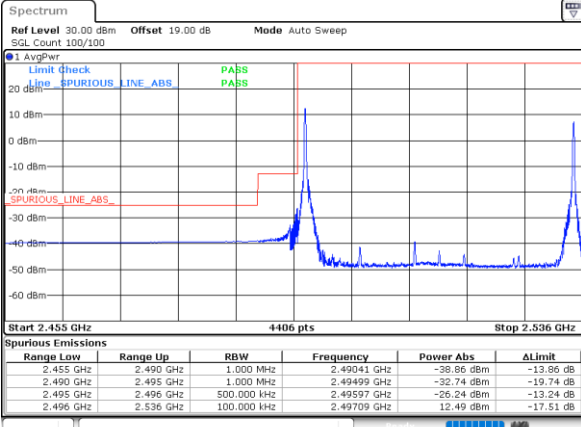
Date: 29. DEC. 2023 22:08:07



LTE Band 41C / 20MHz+20MHz

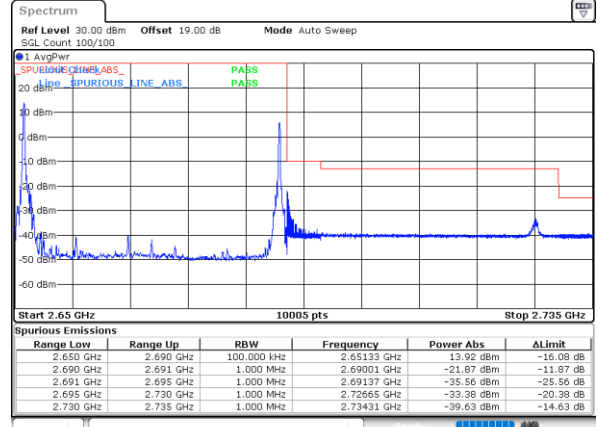
64QAM

Lowest Band Edge / 1RB0 and 1RB9



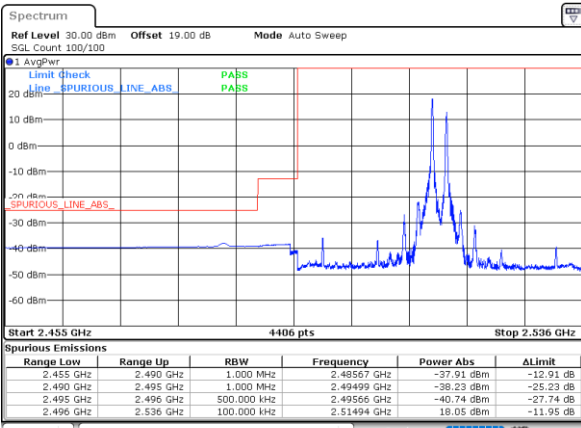
Date: 29. DEC. 2023 22:28:35

Highest Band Edge / 1RB0 and 1RB9



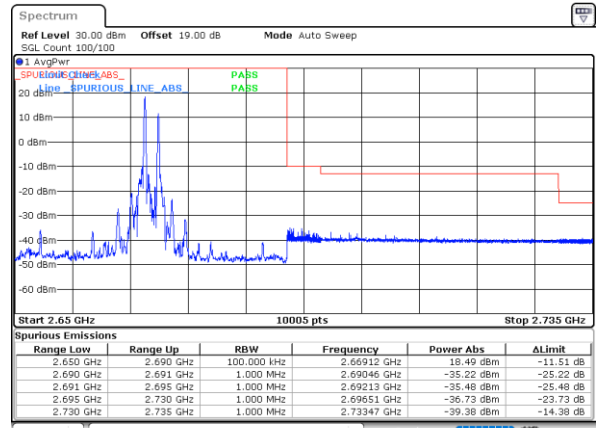
Date: 29. DEC. 2023 22:41:59

Lowest Band Edge / 1RB99 and 1RB0



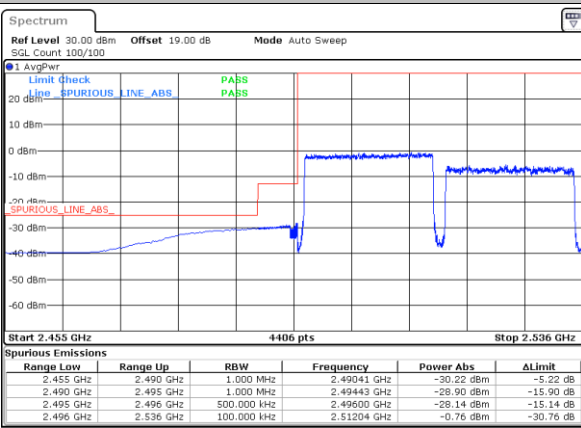
Date: 29. DEC. 2023 22:27:30

Highest Band Edge / 1RB99 and 1RB0



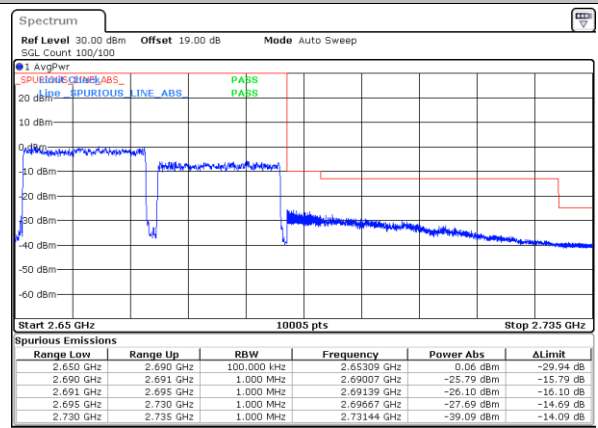
Date: 29. DEC. 2023 22:43:04

Lowest Band Edge / Full RB



Date: 29. DEC. 2023 22:34:01

Highest Band Edge / Full RB



Date: 29. DEC. 2023 22:36:35



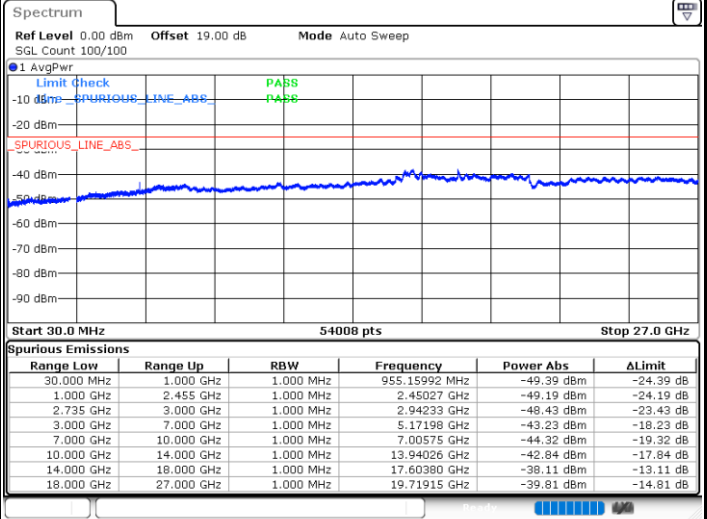
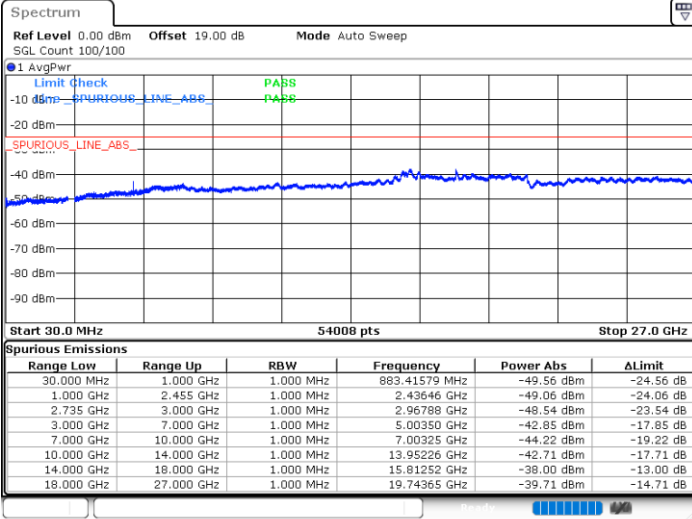
# Conducted Spurious Emission

## LTE Band 41C / 5MHz+20MHz

### QPSK

#### Lowest Channel / 1RB24 and 1RB0

#### Middle Channel / 1RB24 and 1RB0

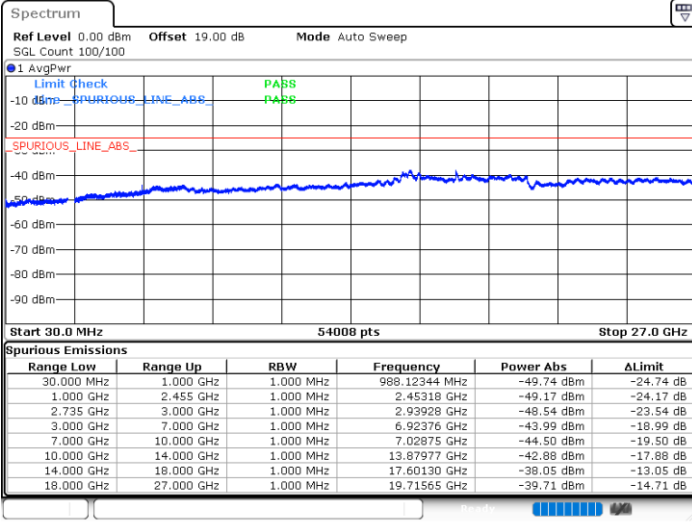


Date: 29.DEC.2023 01:13:44

Date: 29.DEC.2023 01:10:50

#### Highest Channel / 1RB24 and 1RB0

#### NA



Date: 29.DEC.2023 01:42:47

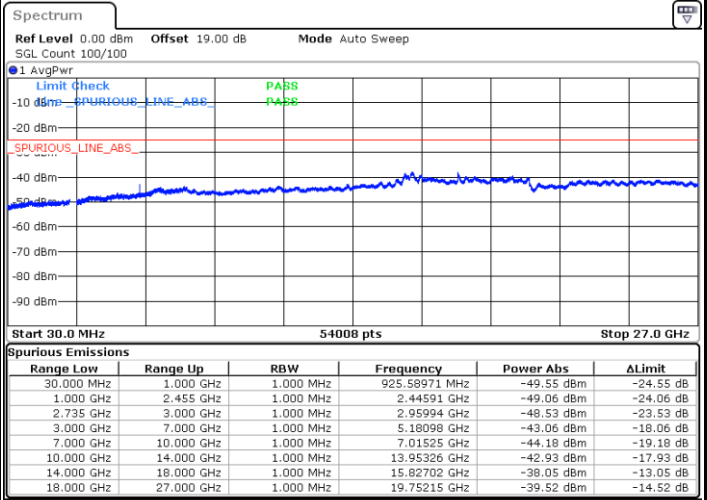
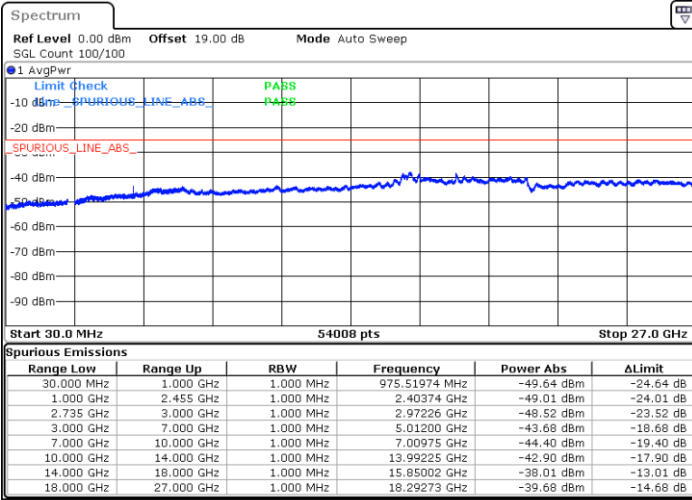


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

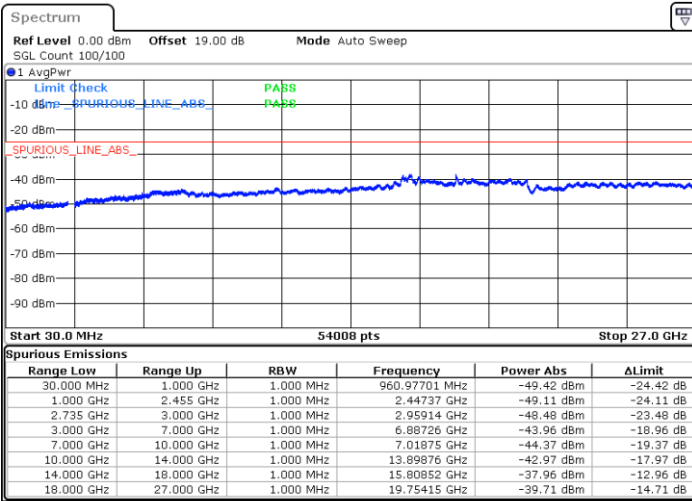


Date: 29. DEC. 2023 02:47:54

Date: 29. DEC. 2023 02:44:23

Highest Channel / 1RB49 and 1RB0

NA



Date: 29. DEC. 2023 03:10:45

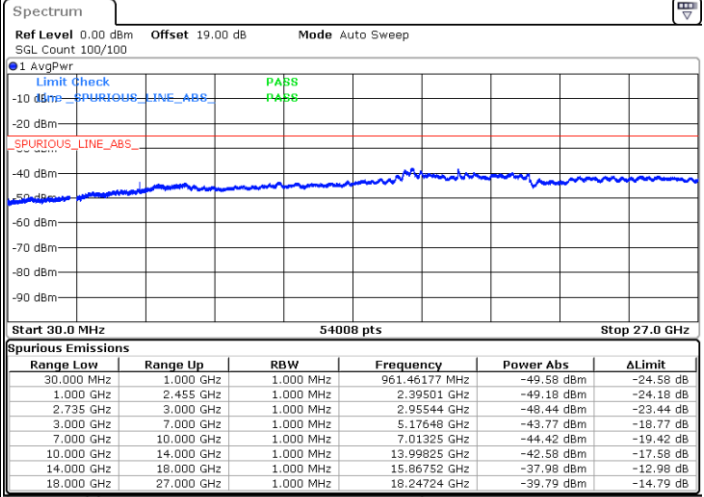
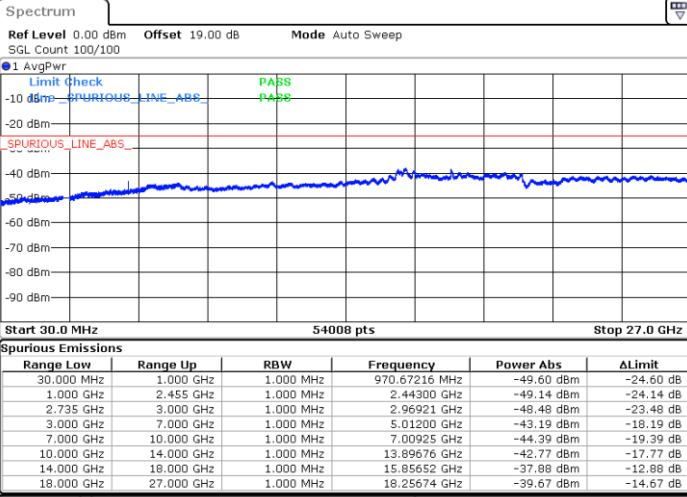


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

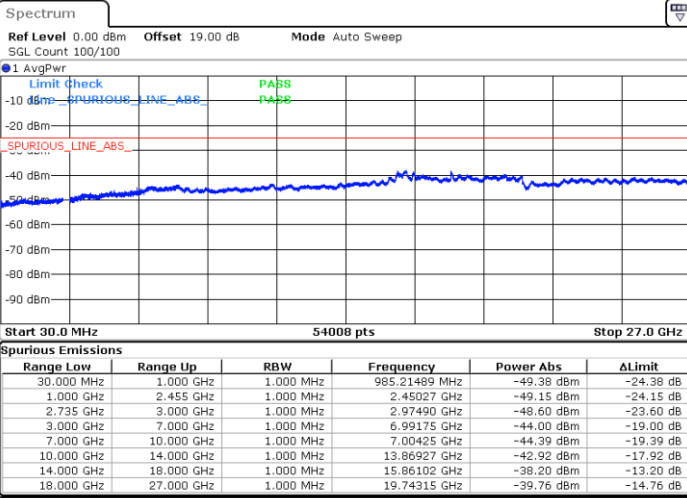


Date: 29.DEC.2023 05:15:32

Date: 29.DEC.2023 05:12:47

Highest Channel / 1RB49 and 1RB0

NA



Date: 29.DEC.2023 07:10:13



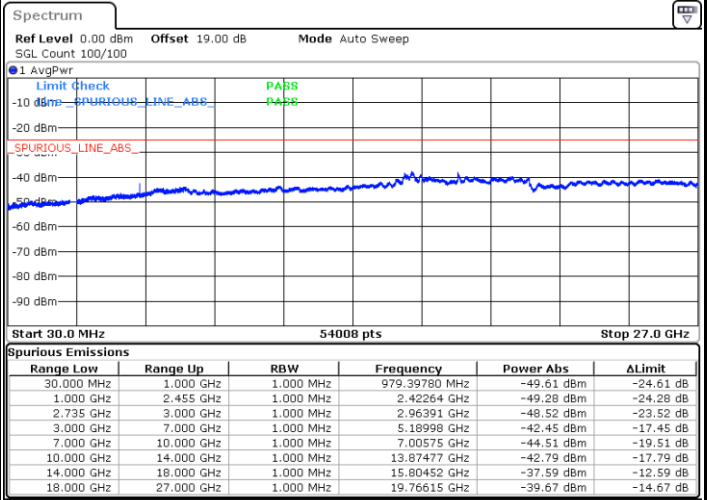
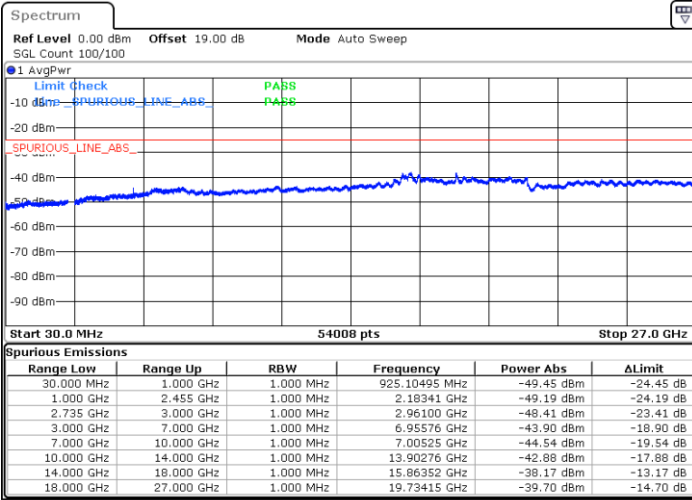


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

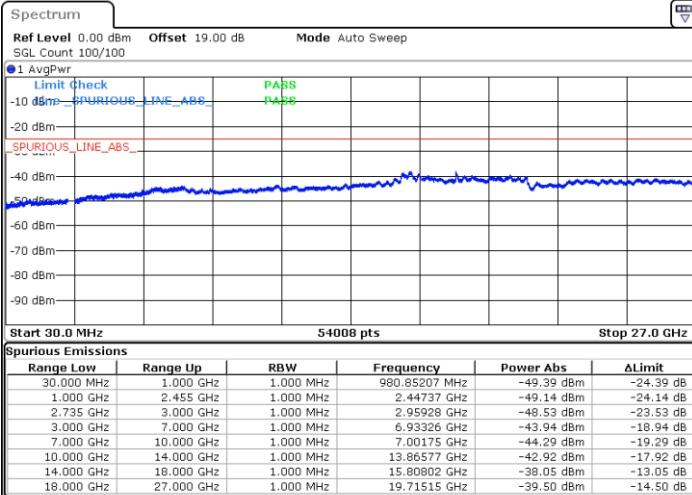


Date: 29.DEC.2023 04:07:46

Date: 29.DEC.2023 03:24:36

Highest Channel / 1RB74 and 1RB0

NA



Date: 29.DEC.2023 04:50:10

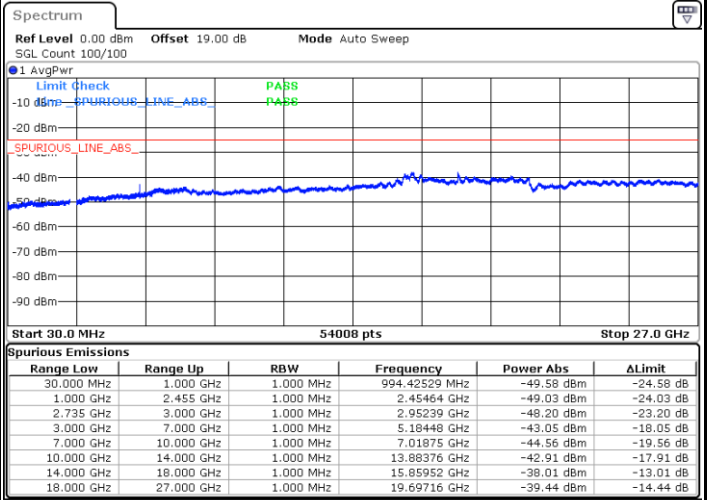
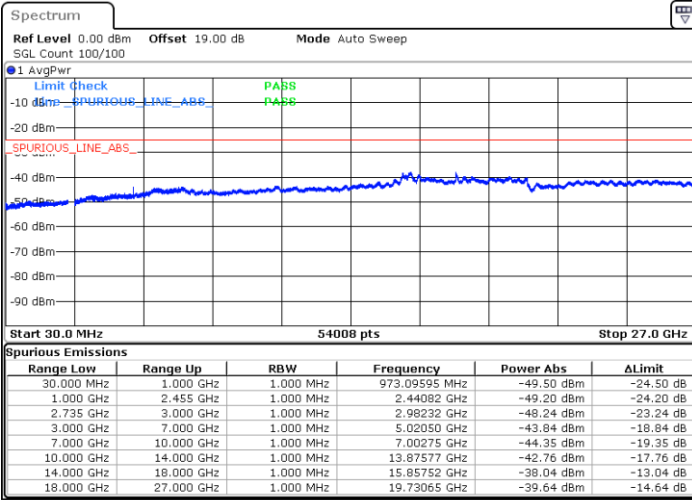


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

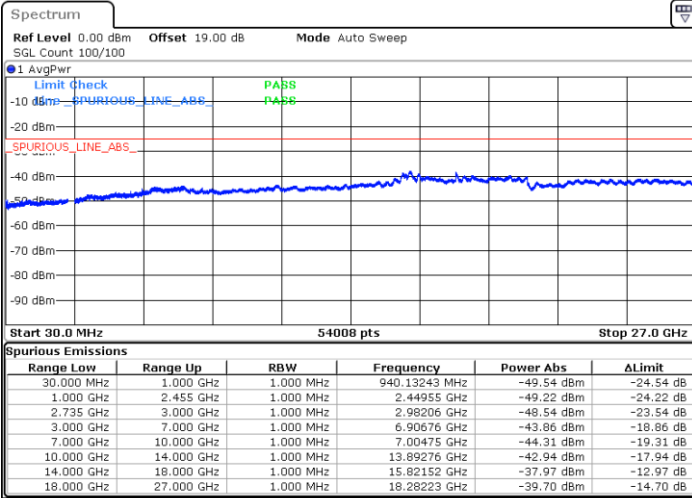


Date: 29. DEC. 2023 09:01:30

Date: 29. DEC. 2023 08:35:36

Highest Channel / 1RB74 and 1RB0

NA



Date: 29. DEC. 2023 10:01:02

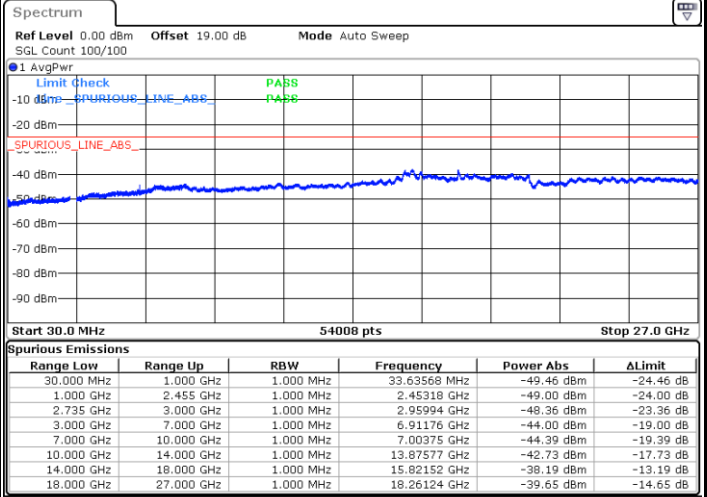
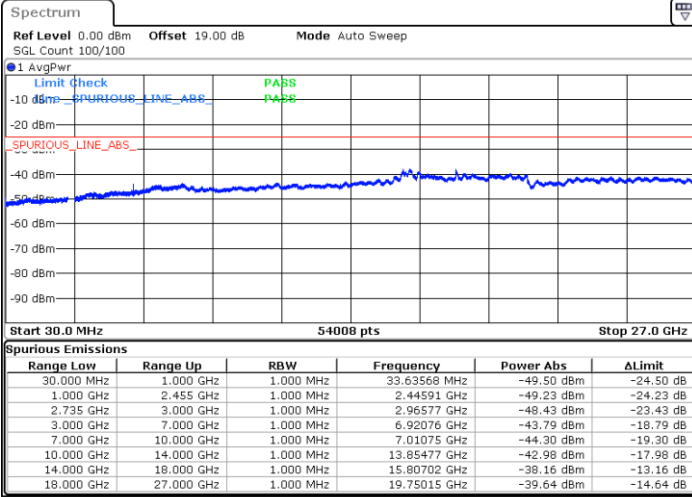


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

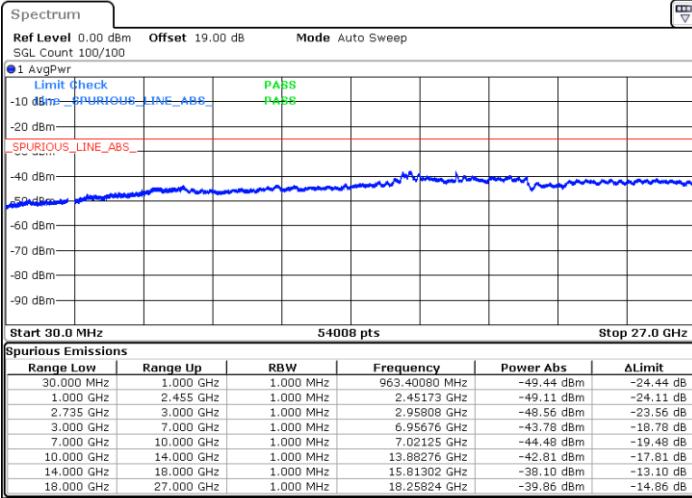


Date: 29.DEC.2023 10:16:58

Date: 29.DEC.2023 10:14:12

Highest Channel / 1RB74 and 1RB0

NA



Date: 29.DEC.2023 21:46:38

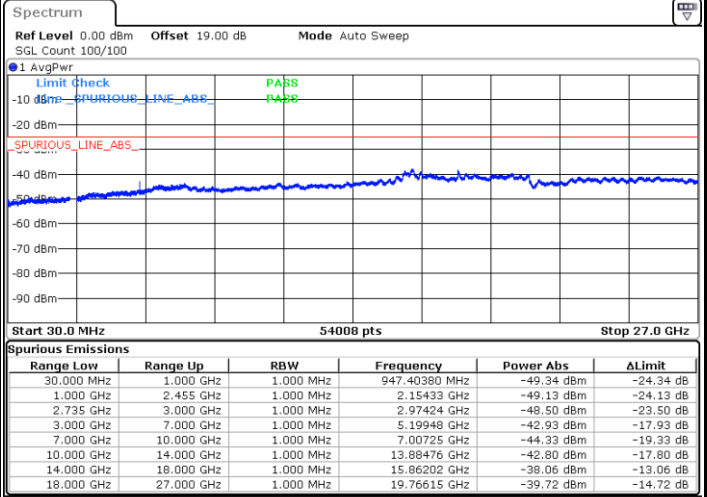
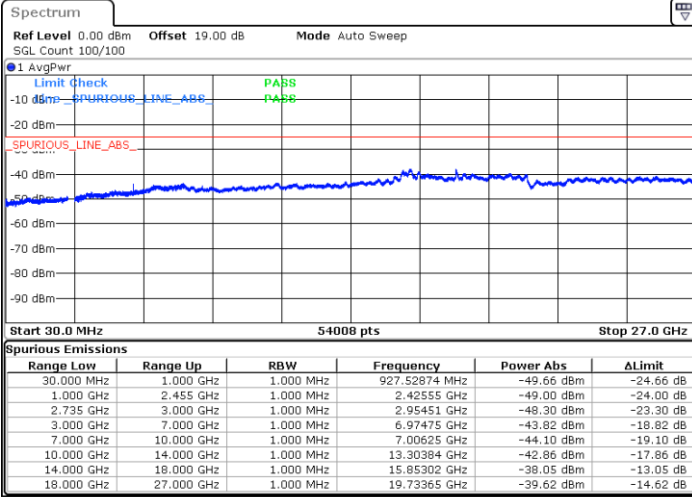


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

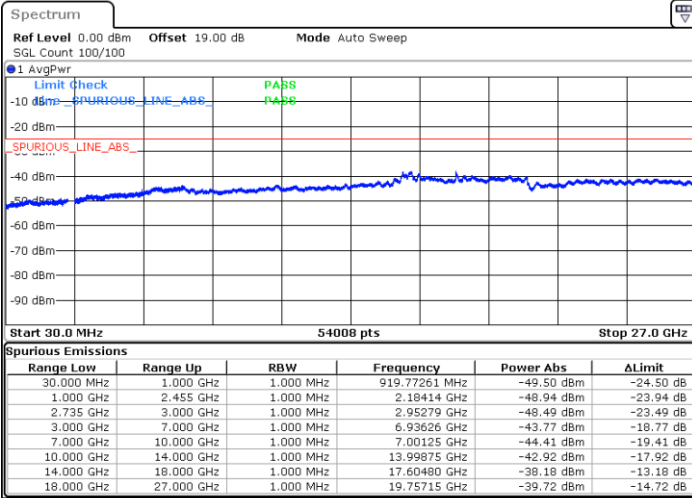


Date: 29.DEC.2023 01:52:07

Date: 29.DEC.2023 01:48:32

Highest Channel / 1RB99 and 1RB0

NA



Date: 29.DEC.2023 02:28:59

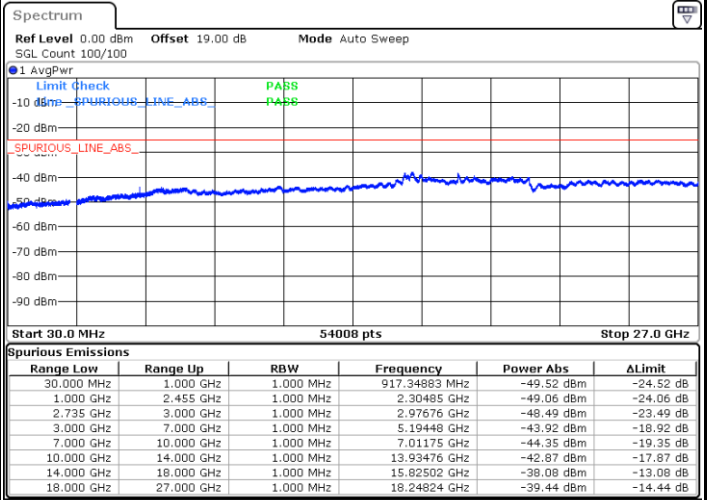
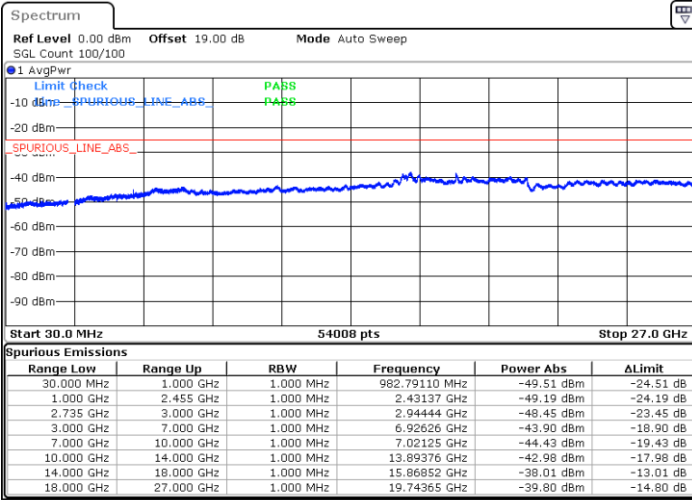


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

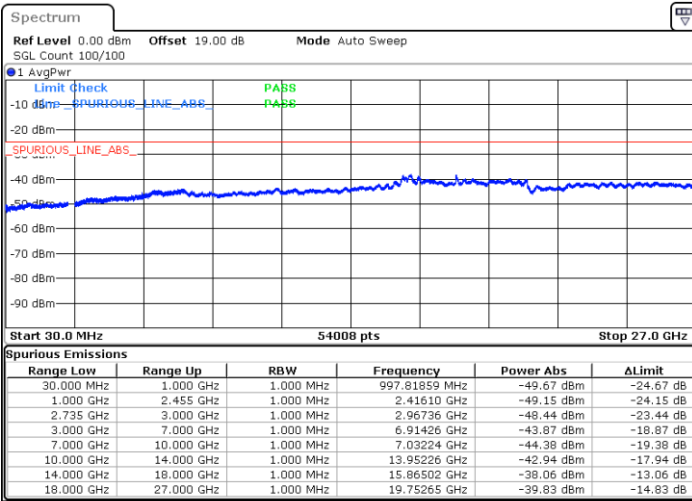


Date: 29.DEC.2023 07:54:30

Date: 29.DEC.2023 07:28:34

Highest Channel / 1RB99 and 1RB0

NA



Date: 29.DEC.2023 08:30:57

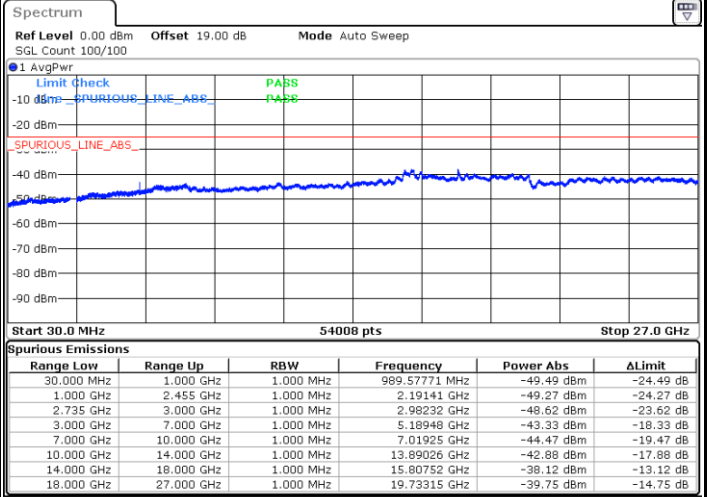
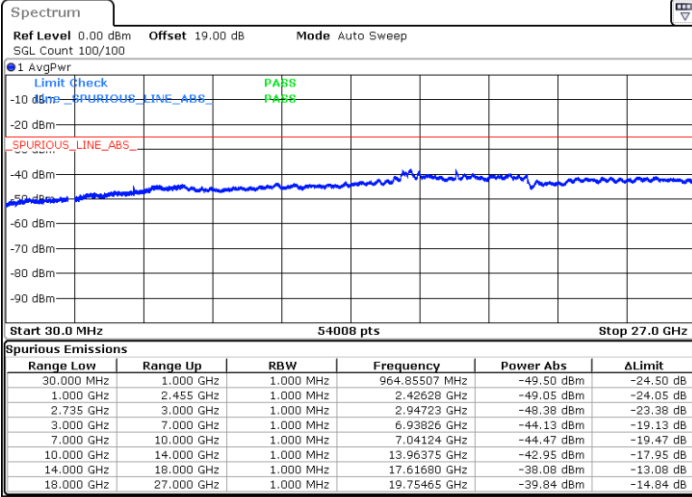


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

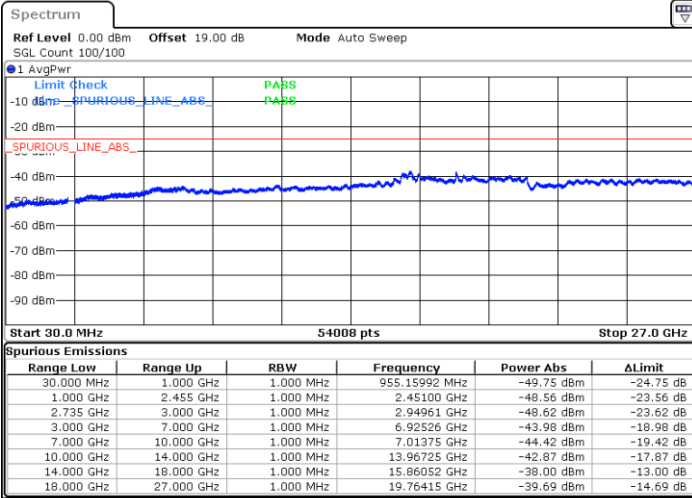


Date: 29.DEC.2023 21:54:38

Date: 29.DEC.2023 21:53:13

Highest Channel / 1RB99 and 1RB0

NA



Date: 29.DEC.2023 22:18:21

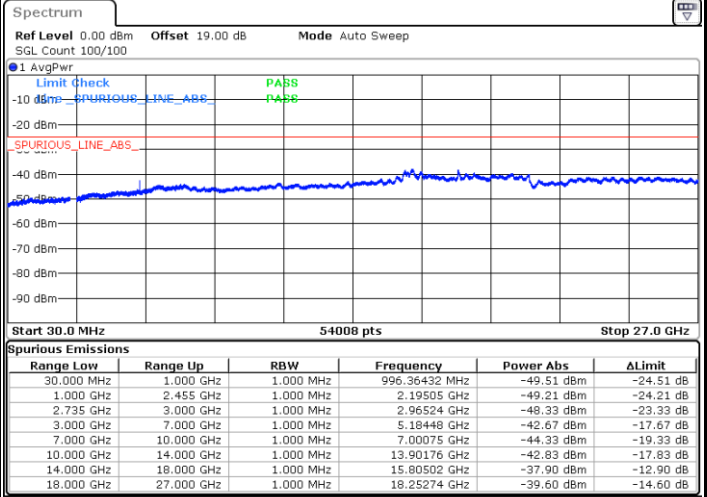
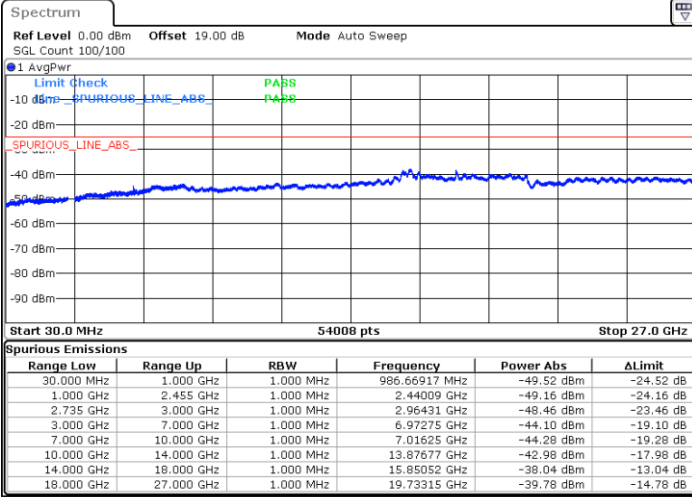


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

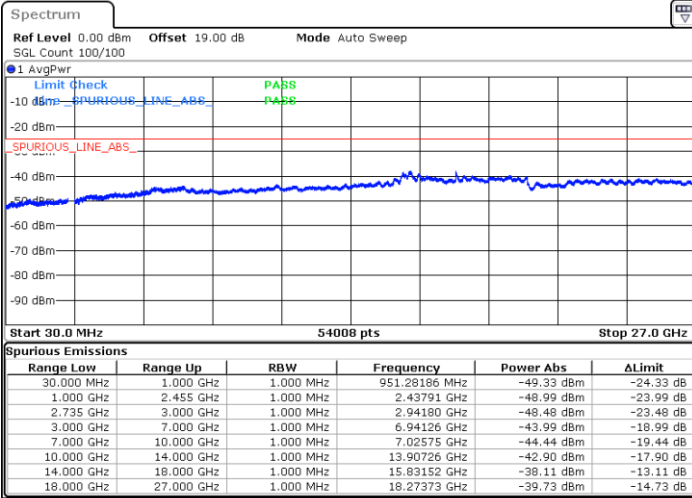


Date: 29.DEC.2023 22:24:15

Date: 29.DEC.2023 22:22:59

Highest Channel / 1RB99 and 1RB0

NA



Date: 29.DEC.2023 22:46:27



# 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 / QPSK / ANT 1 / Main PA									
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	-58.03	-25	-33.03	-81.98	-63.59	7.14	12.70	H
	7578.27	-55.67	-25	-30.67	-82.37	-58.97	8.30	11.60	H
	10104.36	-52.48	-25	-27.48	-83.42	-54.00	10.48	12.00	H
	5052.18	-56.68	-25	-31.68	-81.96	-62.24	7.14	12.70	V
	7578.27	-55.81	-25	-30.81	-82.51	-59.11	8.30	11.60	V
	10104.36	-51.87	-25	-26.87	-83.79	-53.39	10.48	12.00	V

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

ENDC 7A_n7A / 20MHz / QPSK / ANT (0+1) / Other PA									
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)
B7 Middle	5002.00	-58.10	-25	-33.10	-81.75	-63.66	7.12	12.68	H
	7503.00	-54.48	-25	-29.48	-81.42	-57.81	8.26	11.59	H
	10004.00	-53.26	-25	-28.26	-84.08	-54.79	10.45	11.98	H
	5002.00	-56.53	-25	-31.53	-81.86	-62.09	7.12	12.68	V
	7503.00	-54.87	-25	-29.87	-81.8	-58.20	8.26	11.59	V
	10004.00	-52.16	-25	-27.16	-83.62	-53.69	10.45	11.98	V
N7 Middle	5051.50	-57.27	-25	-32.27	-81.22	-62.83	7.14	12.70	H
	7577.25	-55.05	-25	-30.05	-81.75	-58.35	8.30	11.60	H
	10103.00	-52.27	-25	-27.27	-83.18	-53.79	10.48	12.00	H
	5051.50	-56.27	-25	-31.27	-81.55	-61.83	7.14	12.70	V
	7577.25	-54.84	-25	-29.84	-81.54	-58.14	8.30	11.60	V
	10103.00	-51.05	-25	-26.05	-82.89	-52.57	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 0 / Main PA									
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	-57.16	-25	-32.16	-81.83	-62.72	7.14	12.70	H
	7752.00	-55.92	-25	-30.92	-82.15	-59.22	8.30	11.60	H
	10336.00	-52.59	-25	-27.59	-83.78	-54.11	10.48	12.00	H
	5168.00	-57.21	-25	-32.21	-82.38	-62.77	7.14	12.70	V
	7752.00	-52.50	-25	-27.50	-81.82	-55.80	8.30	11.60	V
	10336.00	-51.07	-25	-26.07	-84.01	-52.59	10.48	12.00	V

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

ENDC 41A_n41A / 20MHz / QPSK / ANT (0+1) / Other PA									
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)
B41 Middle	4994.00	-58.93	-25	-33.93	-82.58	-64.49	7.12	12.68	H
	7491.00	-54.81	-25	-29.81	-81.81	-58.14	8.26	11.59	H
	9988.00	-53.32	-25	-28.32	-84.09	-54.85	10.45	11.98	H
	4994.00	-57.11	-25	-32.11	-82.44	-62.67	7.12	12.68	V
	7491.00	-54.54	-25	-29.54	-81.53	-57.87	8.26	11.59	V
	9988.00	-52.83	-25	-27.83	-84.18	-54.36	10.45	11.98	V
N41 Middle	5089.00	-57.15	-25	-32.15	-81.43	-62.71	7.14	12.70	H
	7633.50	-55.32	-25	-30.32	-81.86	-58.62	8.30	11.60	H
	10178.00	-52.50	-25	-27.50	-83.52	-54.02	10.48	12.00	H
	5089.00	-56.27	-25	-31.27	-81.53	-61.83	7.14	12.70	V
	7633.50	-54.11	-25	-29.11	-81.33	-57.41	8.30	11.60	V
	10178.00	-50.70	-25	-25.70	-82.94	-52.22	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 0									
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	-57.94	-25	-32.94	-81.98	-63.50	7.14	12.70	H
	7605.00	-55.08	-25	-30.08	-81.67	-58.38	8.30	11.60	H
	10140.00	-52.58	-25	-27.58	-83.57	-54.10	10.48	12.00	H
	5070.00	-56.89	-25	-31.89	-82.14	-62.45	7.14	12.70	V
	7605.00	-55.25	-25	-30.25	-82.18	-58.55	8.30	11.60	V
	10140.00	-51.40	-25	-26.40	-83.49	-52.92	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 0									
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	-56.98	-25	-31.98	-81.53	-62.54	7.14	12.70	H
	7722.30	-55.05	-25	-30.05	-81.37	-58.35	8.30	11.60	H
	10296.40	-51.72	-25	-26.72	-82.88	-53.24	10.48	12.00	H
	5148.20	-56.29	-25	-31.29	-81.46	-61.85	7.14	12.70	V
	7722.30	-52.74	-25	-27.74	-81.45	-56.04	8.30	11.60	V
	10296.40	-50.18	-25	-25.18	-82.96	-51.70	10.48	12.00	V

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