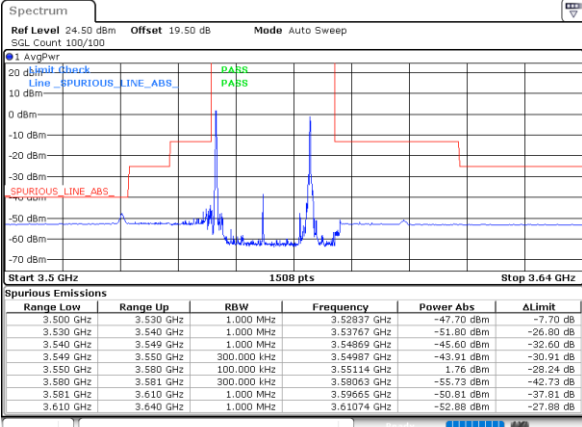




LTE Band 48C / 5MHz+20MHz

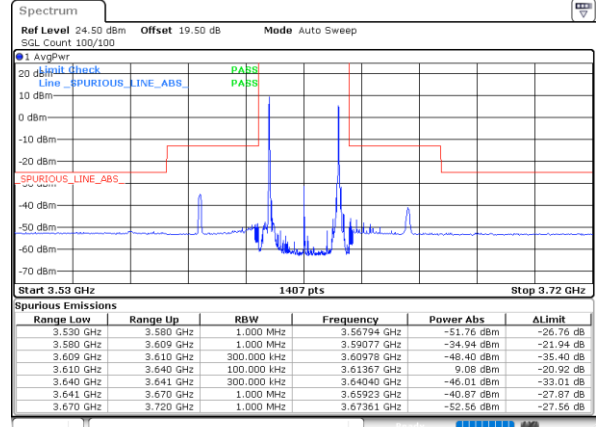
64QAM

Lowest Band Edge / 1RB0 and 1RB99



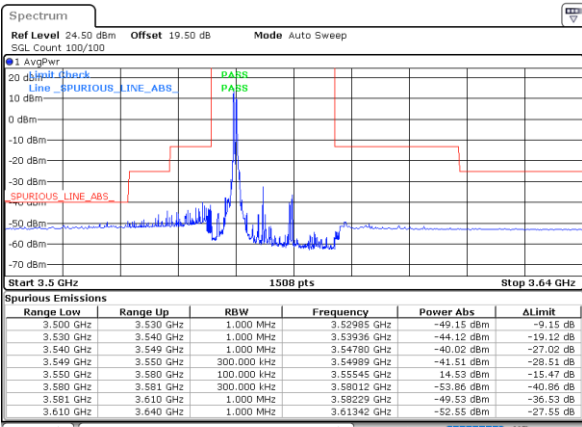
Date: 27_FEB.2024 22:48:00

Middle Band Edge / 1RB0 and 1RB99



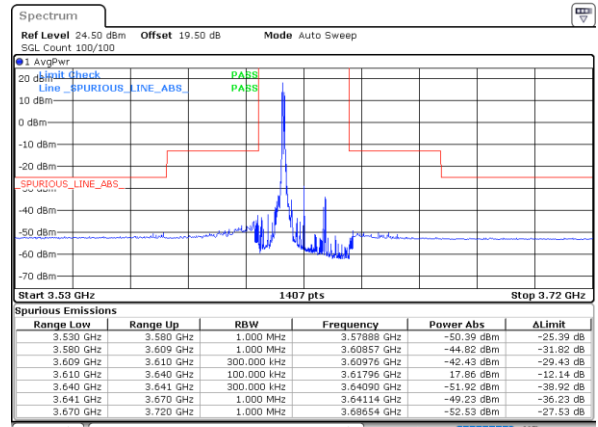
Date: 28_FEB.2024 02:43:48

Lowest Band Edge / 1RB24 and 1RB0



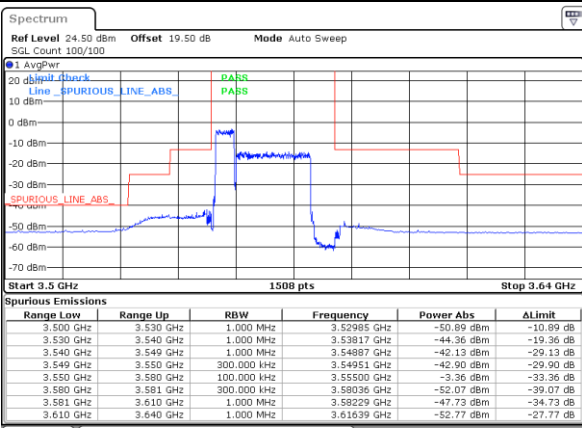
Date: 27_FEB.2024 22:43:19

Middle Band Edge / 1RB24 and 1RB0



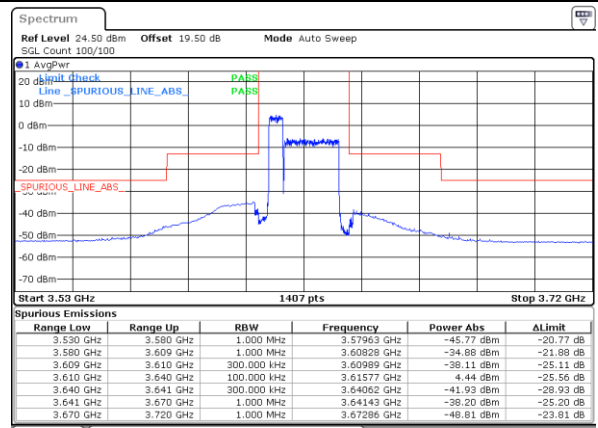
Date: 28_FEB.2024 02:44:52

Lowest Band Edge / Full RB



Date: 27_FEB.2024 23:04:27

Middle Band Edge / Full RB



Date: 28_FEB.2024 02:51:28

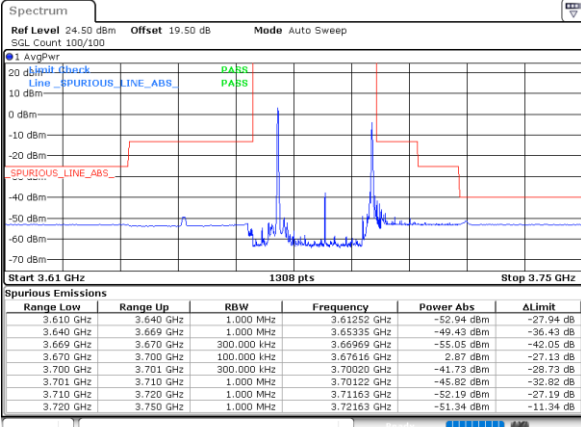


LTE Band 48C / 5MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

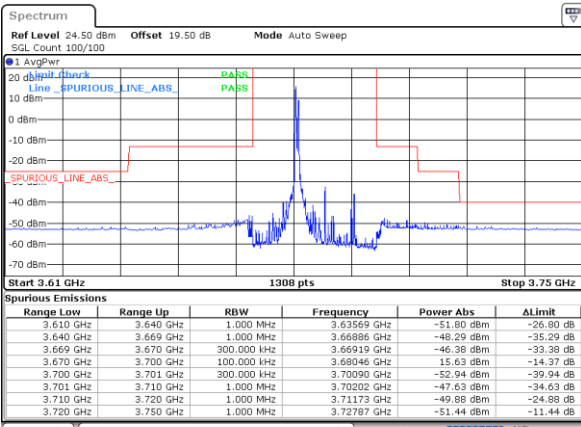
N/A



Date: 27. FEB. 2024 23:24:08

Highest Band Edge / 1RB24 and 1RB0

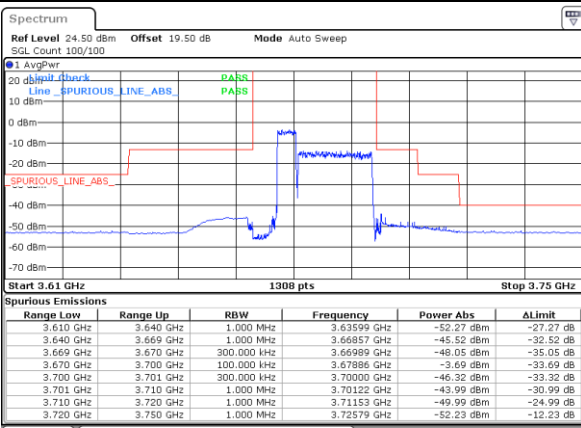
N/A



Date: 27. FEB. 2024 23:26:42

Highest Band Edge / Full RB

N/A



Date: 27. FEB. 2024 23:06:39

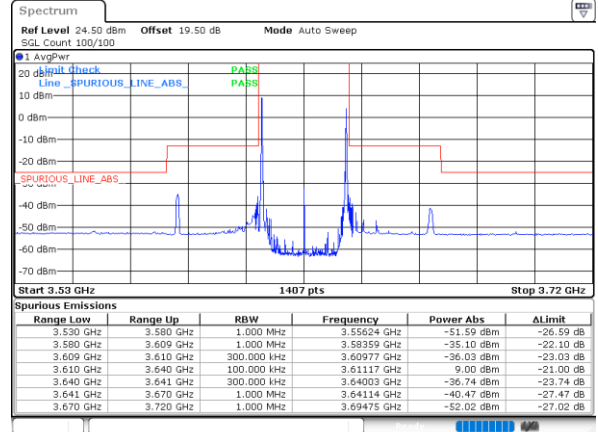
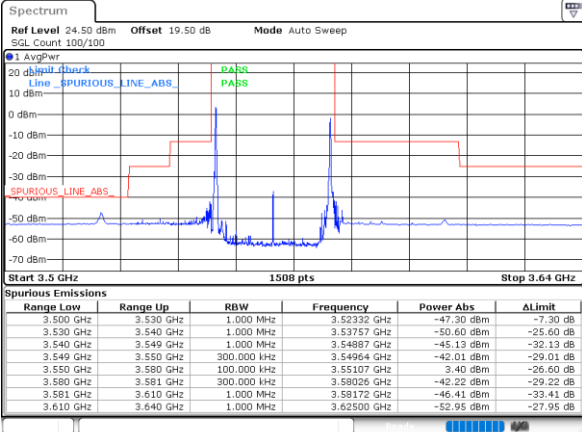


LTE Band 48C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

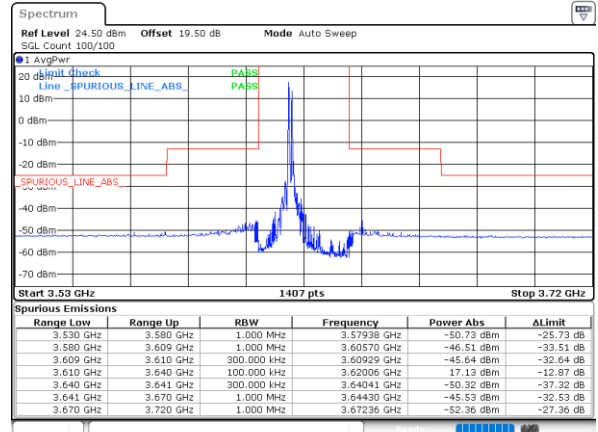
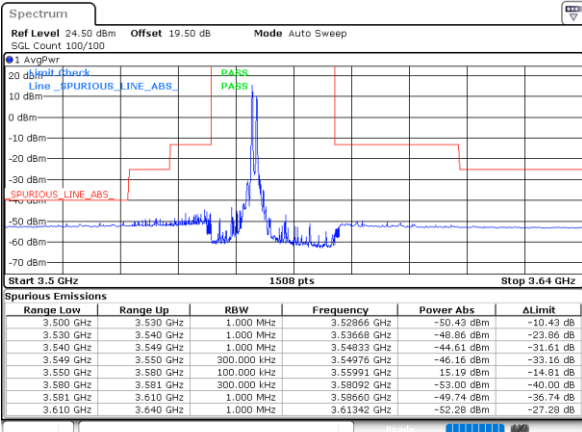


Date: 28_FEB.2024 00:37:52

Date: 28_FEB.2024 03:10:35

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0

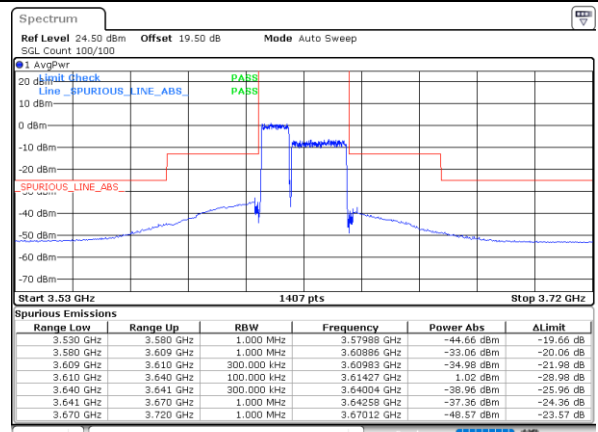
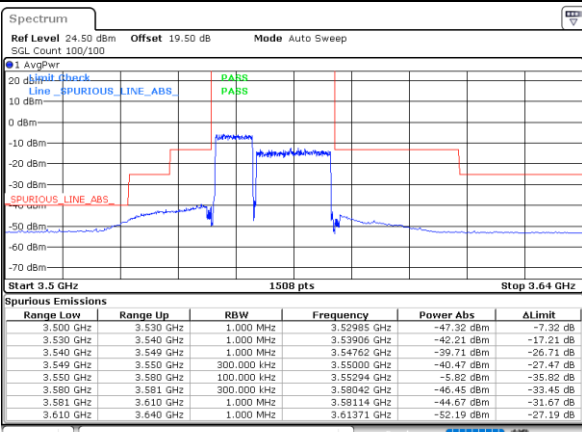


Date: 28_FEB.2024 00:36:29

Date: 28_FEB.2024 03:08:59

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 28_FEB.2024 00:44:15

Date: 28_FEB.2024 03:16:40

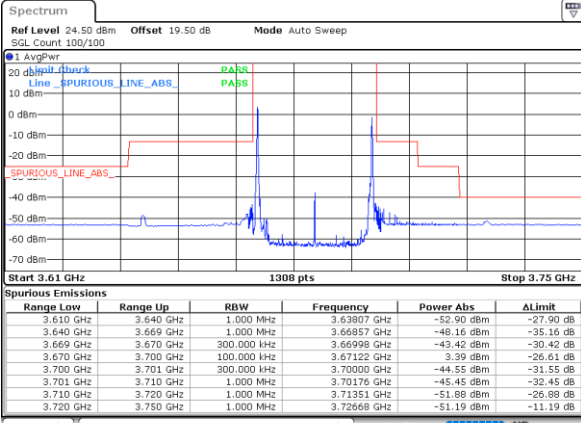


LTE Band 48C / 10MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

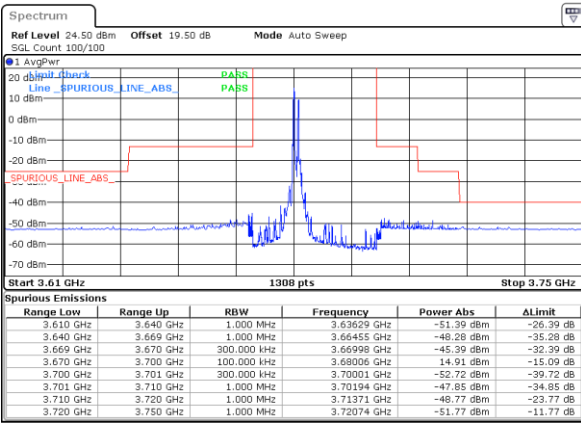
N/A



Date: 28.FEB.2024 00:52:50

Highest Band Edge / 1RB49 and 1RB0

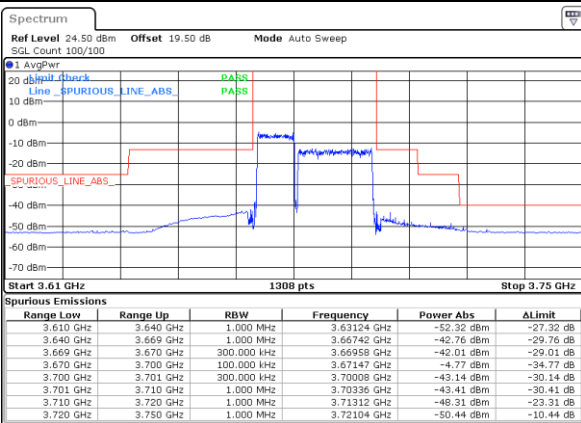
N/A



Date: 28.FEB.2024 00:55:21

Highest Band Edge / Full RB

N/A



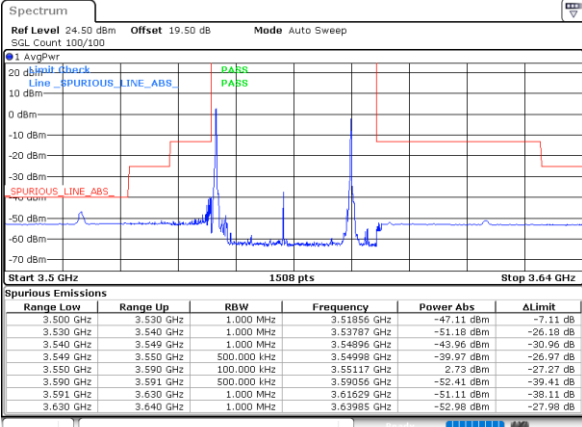
Date: 28.FEB.2024 00:46:49



LTE Band 48C / 15MHz+20MHz

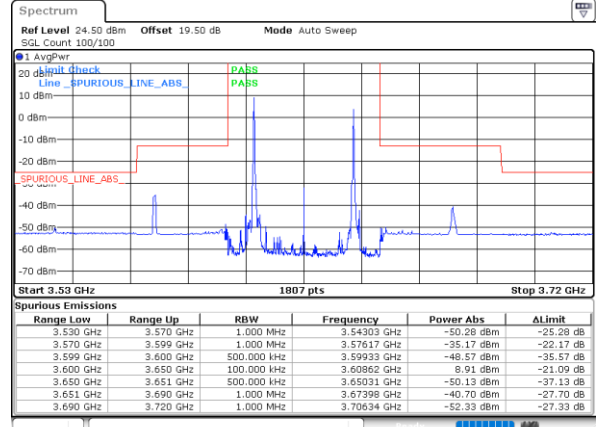
64QAM

Lowest Band Edge / 1RB0 and 1RB99



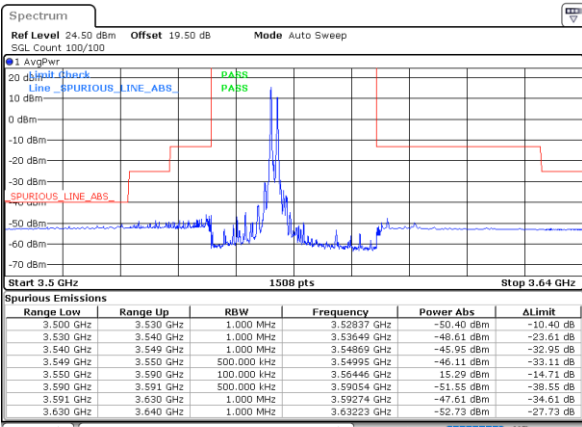
Date: 28_FEB.2024 01:31:47

Middle Band Edge / 1RB0 and 1RB99



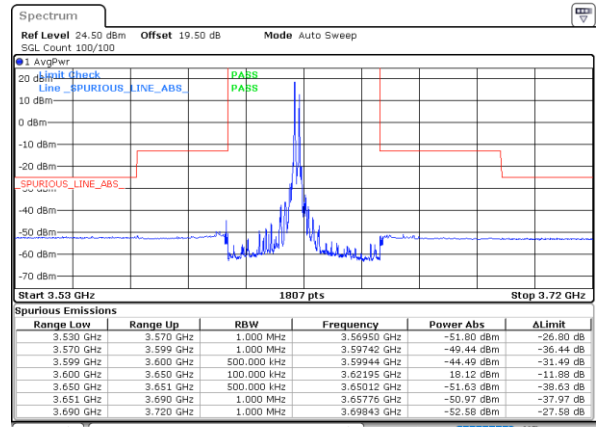
Date: 28_FEB.2024 03:36:21

Lowest Band Edge / 1RB74 and 1RB0



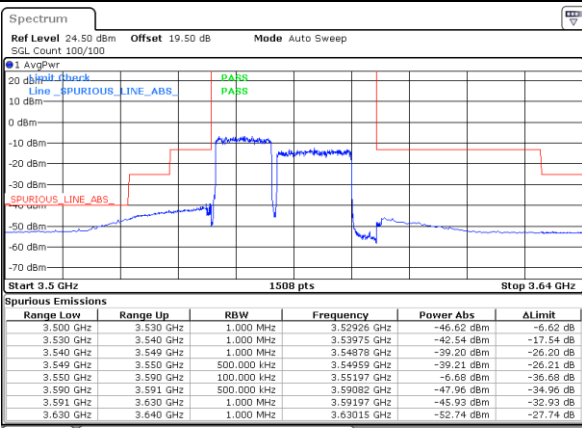
Date: 28_FEB.2024 01:29:17

Middle Band Edge / 1RB74 and 1RB0



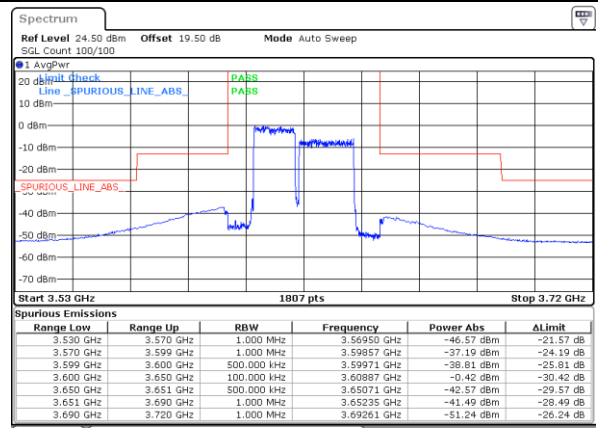
Date: 28_FEB.2024 03:35:16

Lowest Band Edge / Full RB



Date: 28_FEB.2024 01:38:05

Middle Band Edge / Full RB



Date: 28_FEB.2024 03:42:19

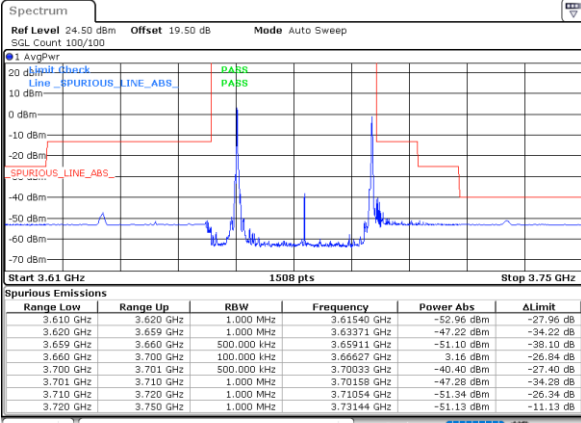


LTE Band 48C / 15MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

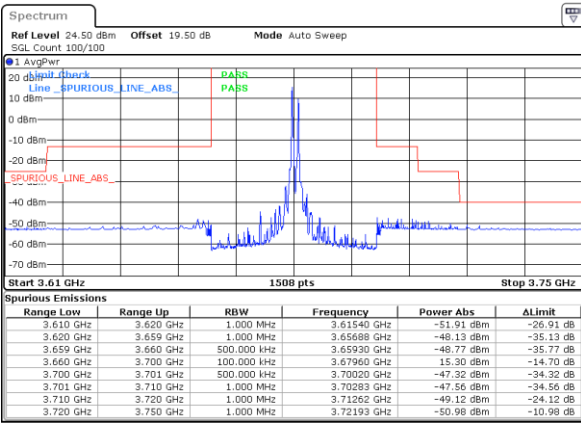
N/A



Date: 28.FEB.2024 01:46:35

Highest Band Edge / 1RB74 and 1RB0

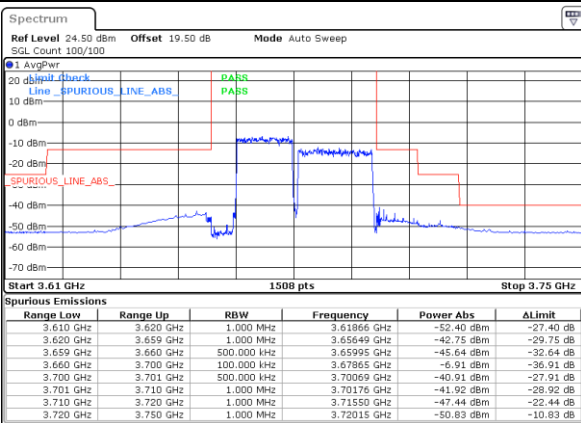
N/A



Date: 28.FEB.2024 01:47:39

Highest Band Edge / Full RB

N/A



Date: 28.FEB.2024 01:39:34

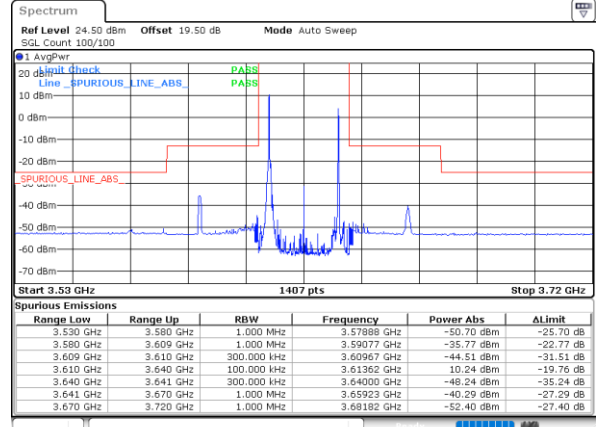
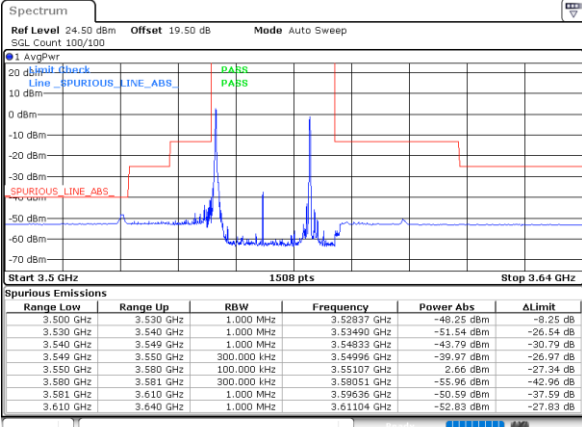


LTE Band 48C/ 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Middle Band Edge / 1RB0 and 1RB24

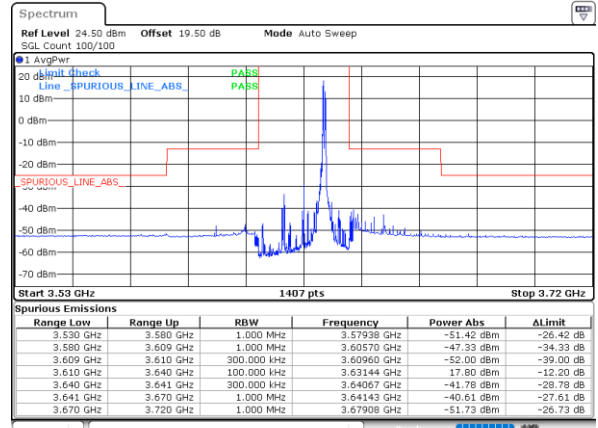
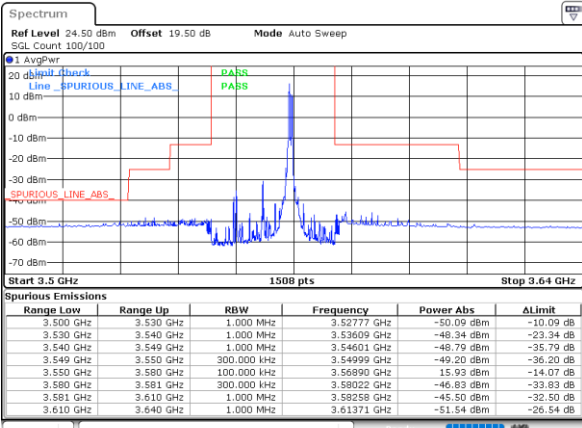


Date: 27.FEB.2024 23:44:18

Date: 28.FEB.2024 03:01:02

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

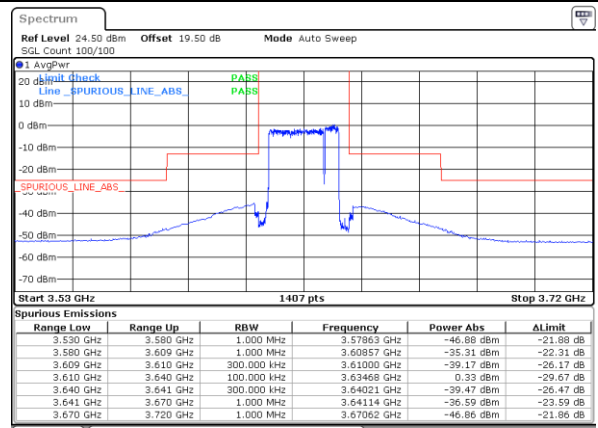
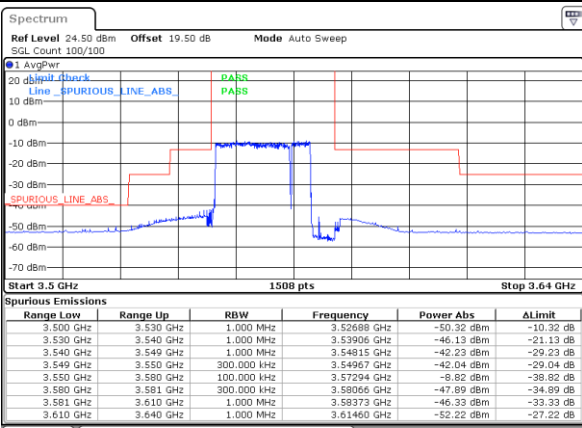


Date: 27.FEB.2024 23:42:08

Date: 28.FEB.2024 03:02:06

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 28.FEB.2024 00:00:06

Date: 28.FEB.2024 02:52:36

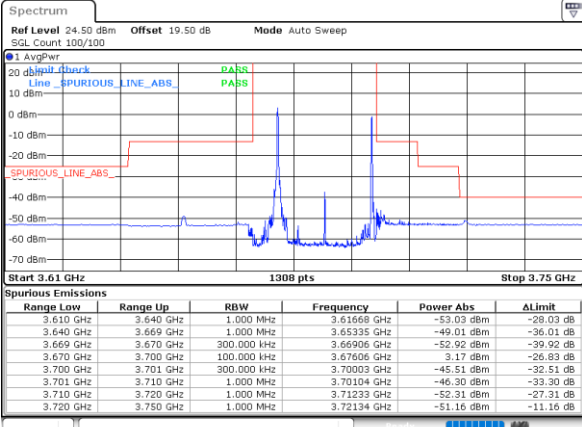


LTE Band 48C / 20MHz+5MHz

64QAM

Highest Band Edge / 1RB0 and 1RB24

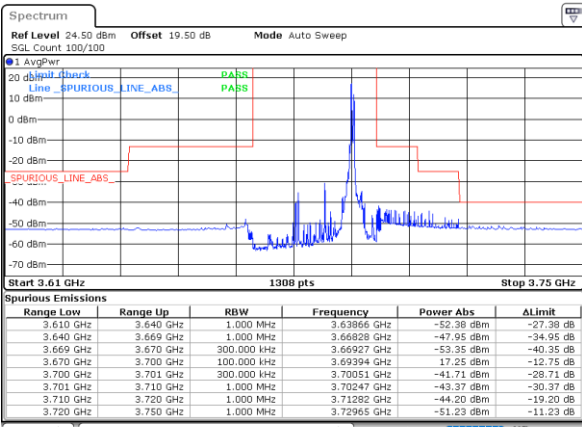
N/A



Date: 28.FEB.2024 00:16:44

Highest Band Edge / 1RB99 and 1RB0

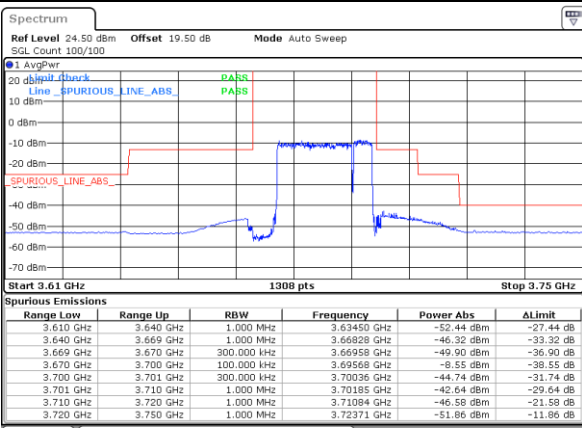
N/A



Date: 28.FEB.2024 00:16:53

Highest Band Edge / Full RB

N/A



Date: 28.FEB.2024 00:02:16

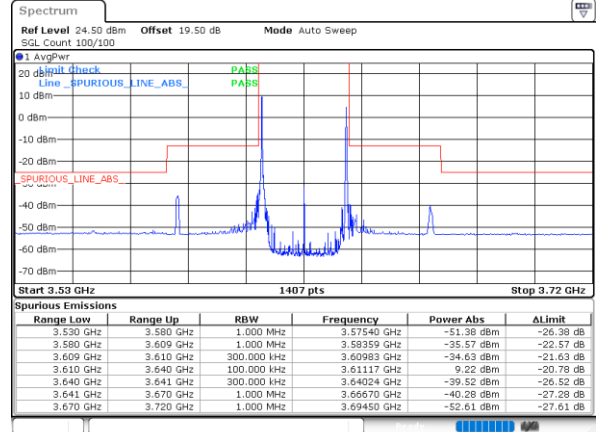
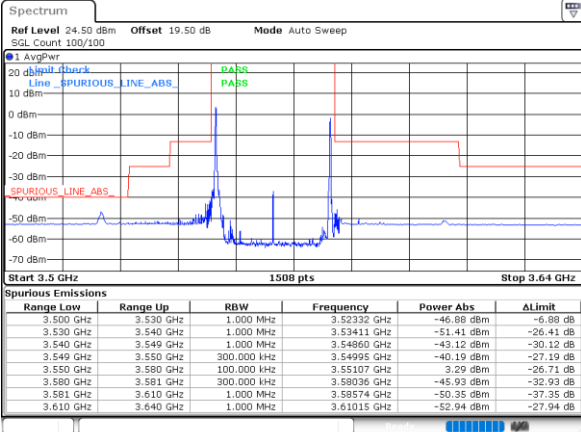


LTE Band 48C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

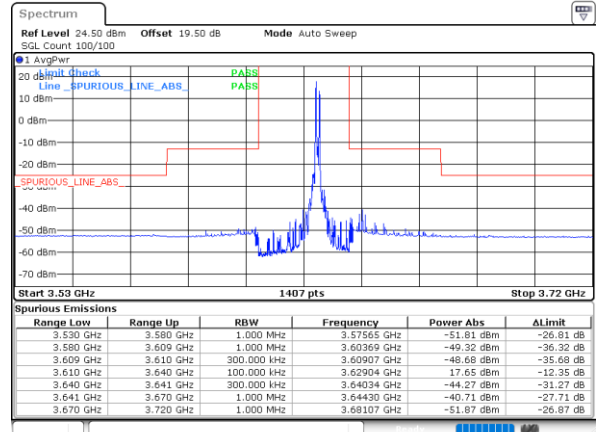
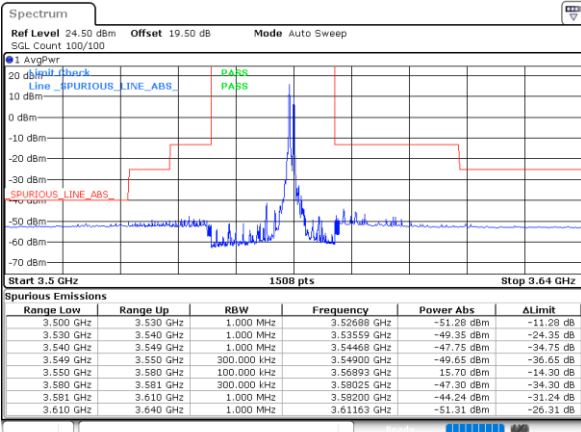


Date: 28_FEB.2024 01:04:04

Date: 28_FEB.2024 03:26:21

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

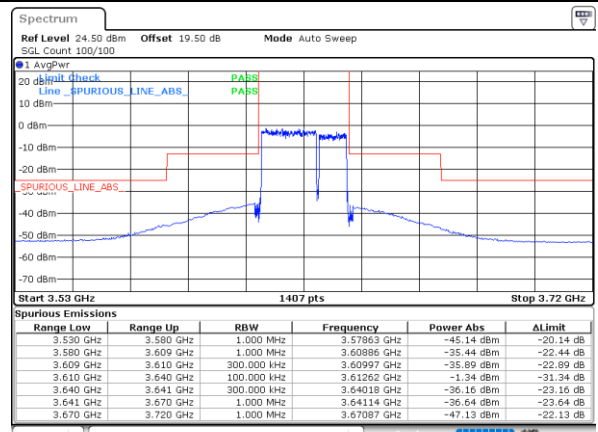
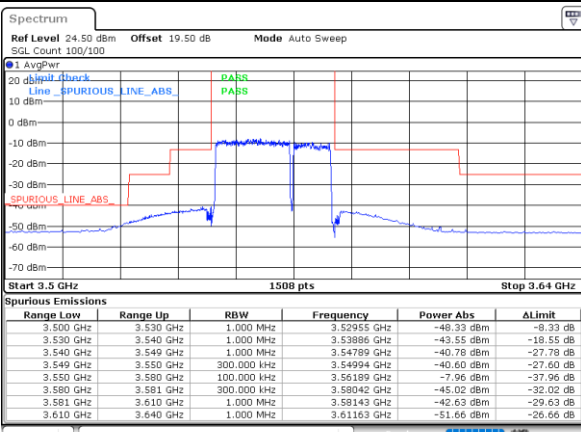


Date: 28_FEB.2024 01:02:05

Date: 28_FEB.2024 03:27:25

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 28_FEB.2024 01:11:52

Date: 28_FEB.2024 03:19:12

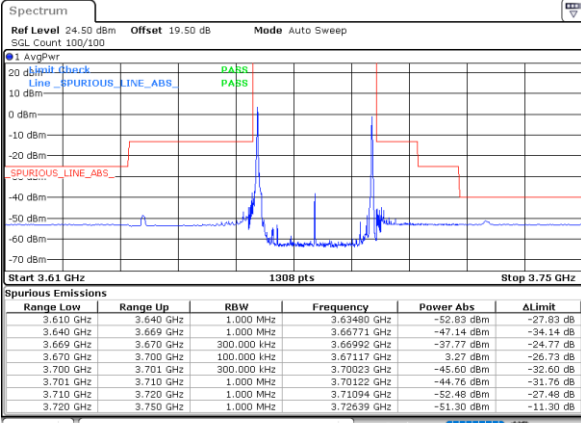


LTE Band 48C / 20MHz+10MHz

64QAM

Highest Band Edge / 1RB0 and 1RB49

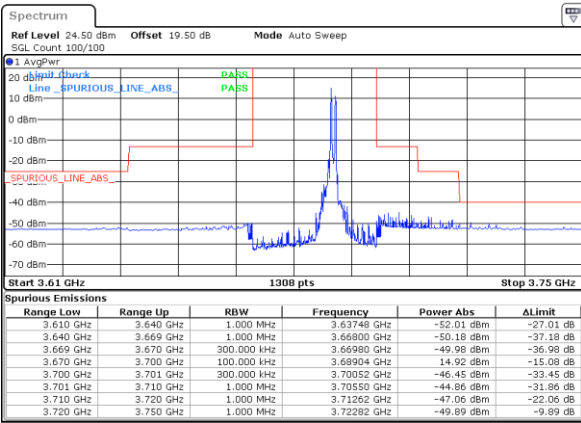
N/A



Date: 28.FEB.2024 01:20:30

Highest Band Edge / 1RB99 and 1RB0

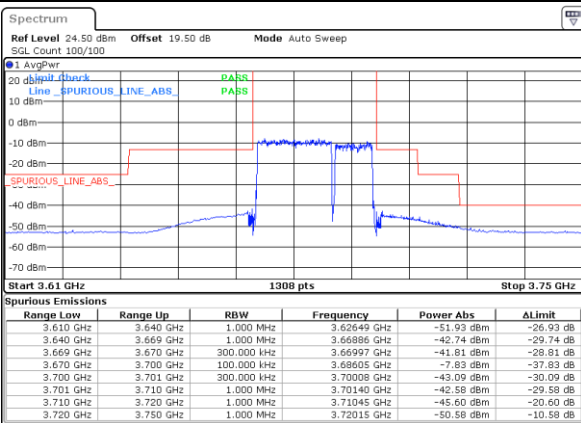
N/A



Date: 28.FEB.2024 01:23:09

Highest Band Edge / Full RB

N/A



Date: 28.FEB.2024 01:13:21

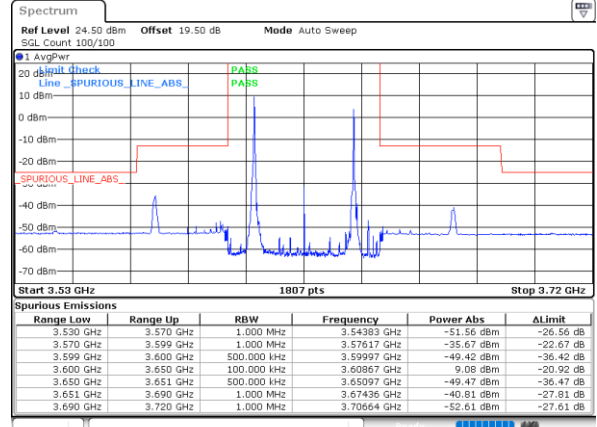
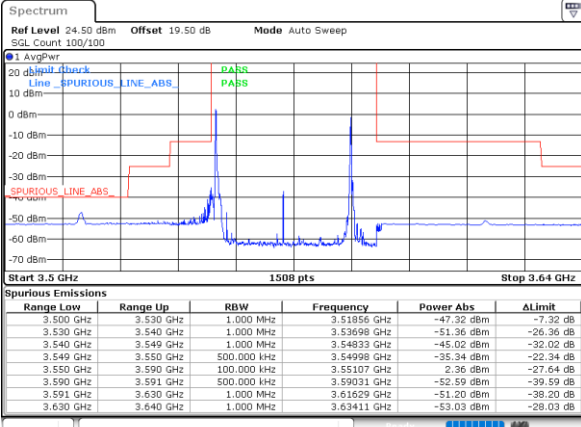


LTE Band 48C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74

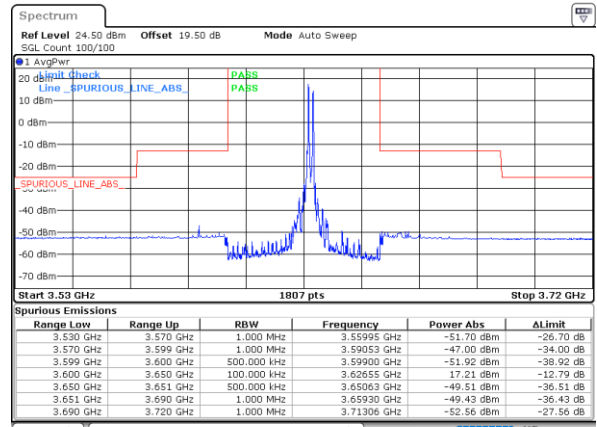
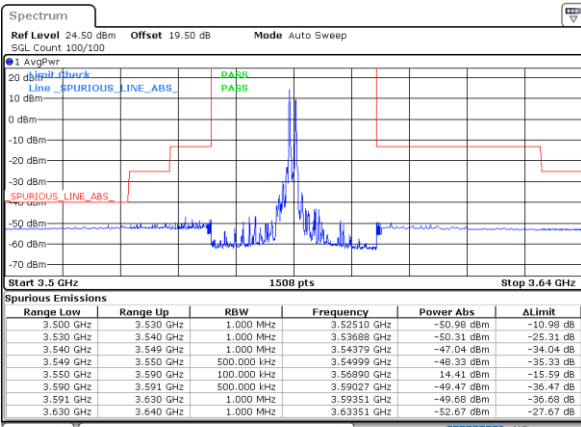


Date: 28_FEB.2024 01:55:32

Date: 28_FEB.2024 03:51:36

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

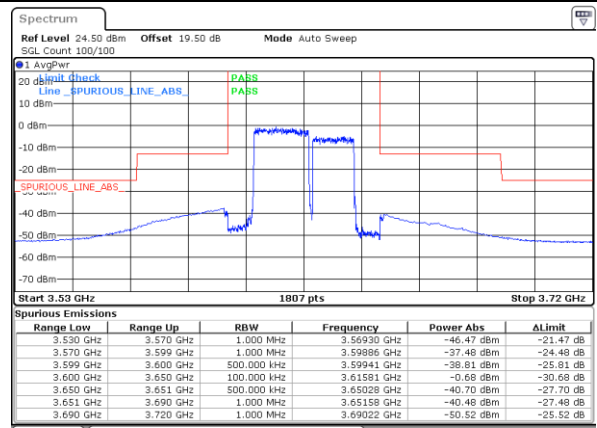
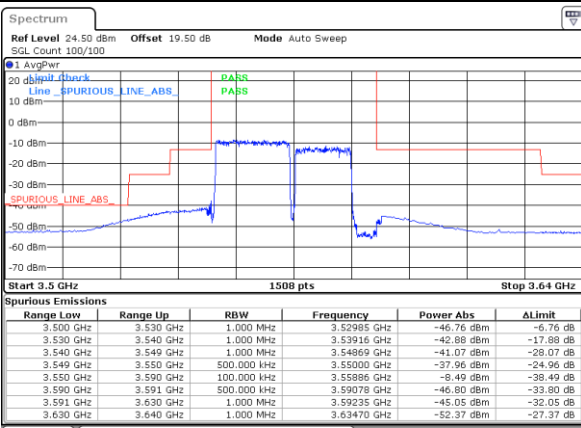


Date: 28_FEB.2024 01:53:41

Date: 28_FEB.2024 03:52:41

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 28_FEB.2024 02:02:44

Date: 28_FEB.2024 03:44:52

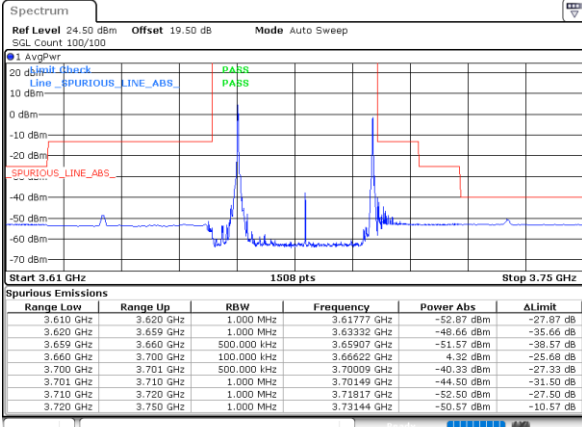


LTE Band 48C / 20MHz+15MHz

64QAM

Highest Band Edge / 1RB0 and 1RB74

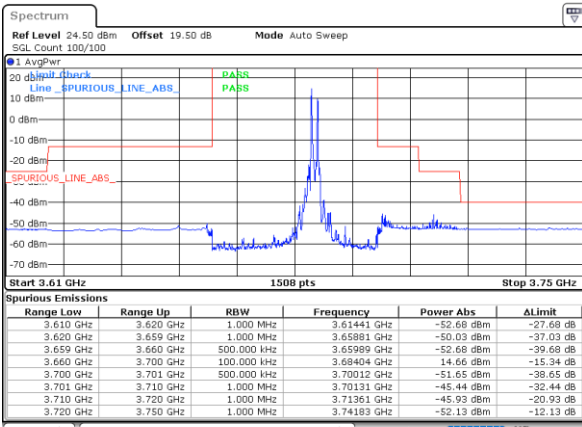
N/A



Date: 28.FEB.2024 02:11:42

Highest Band Edge / 1RB99 and 1RB0

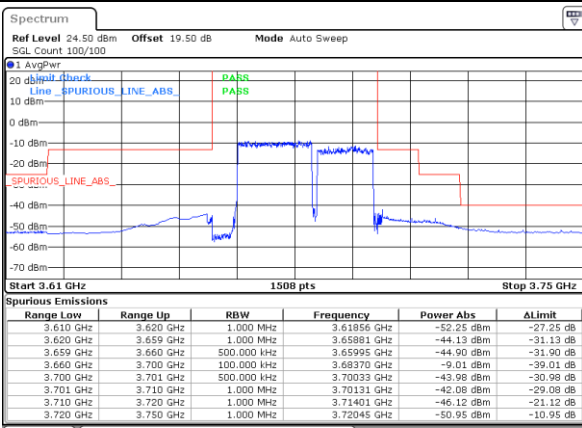
N/A



Date: 28.FEB.2024 02:14:12

Highest Band Edge / Full RB

N/A



Date: 28.FEB.2024 02:03:48

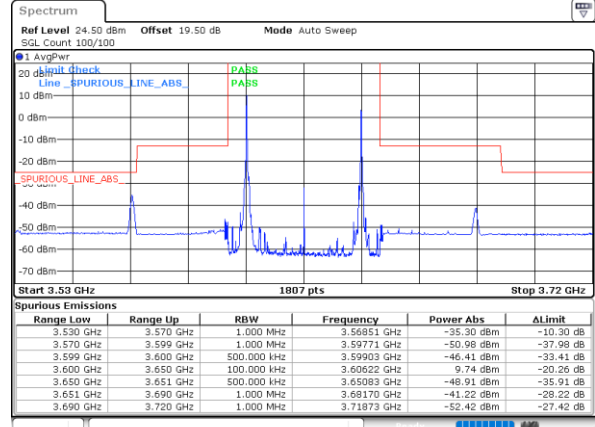
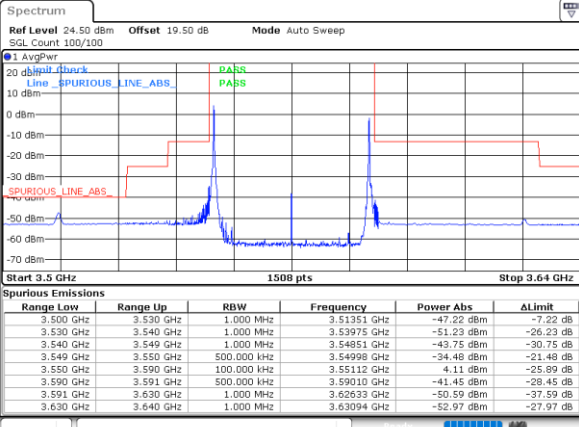


LTE Band 48C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

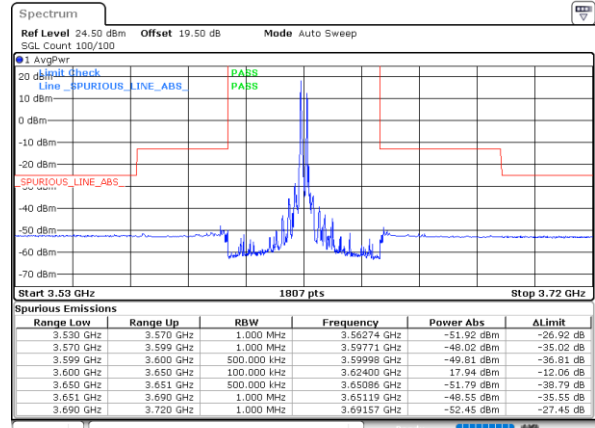
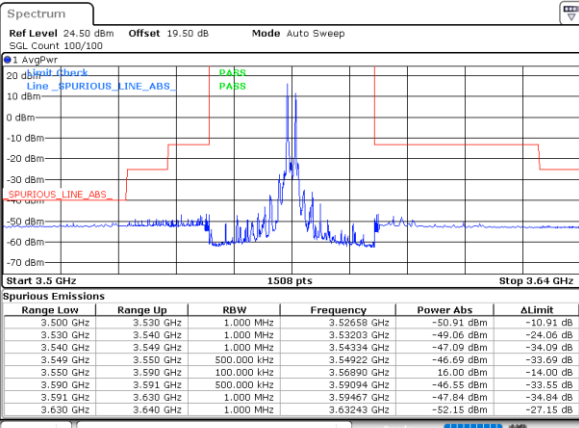


Date: 28_FEB.2024 02:20:30

Date: 28_FEB.2024 04:01:52

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

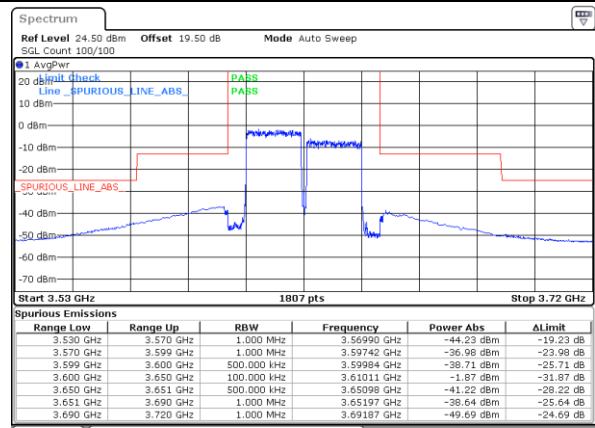
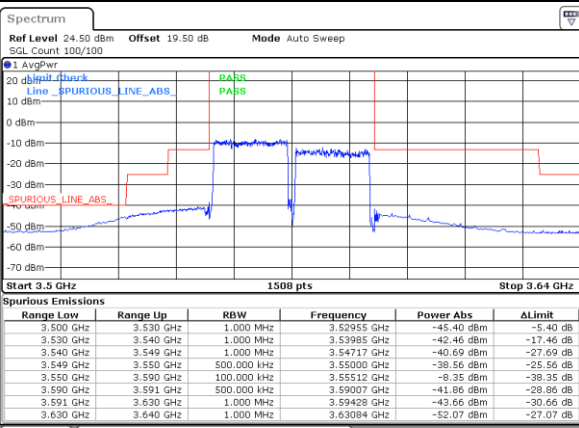


Date: 28_FEB.2024 02:19:28

Date: 28_FEB.2024 04:00:50

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 28_FEB.2024 02:26:44

Date: 28_FEB.2024 04:07:04

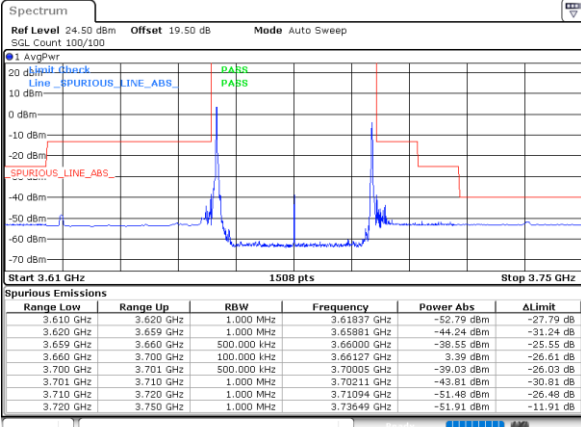


LTE Band 48C / 20MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

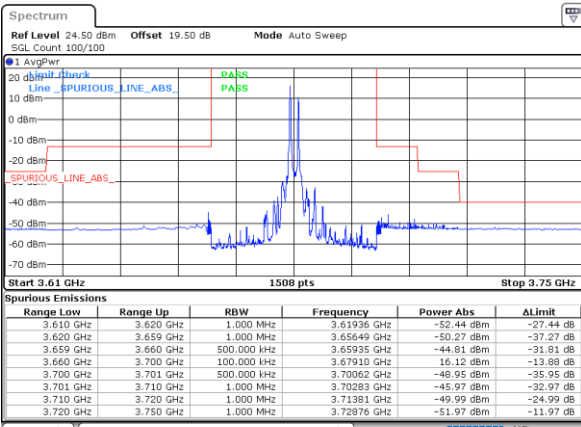
N/A



Date: 28.FEB.2024 02:13:07

Highest Band Edge / 1RB99 and 1RB0

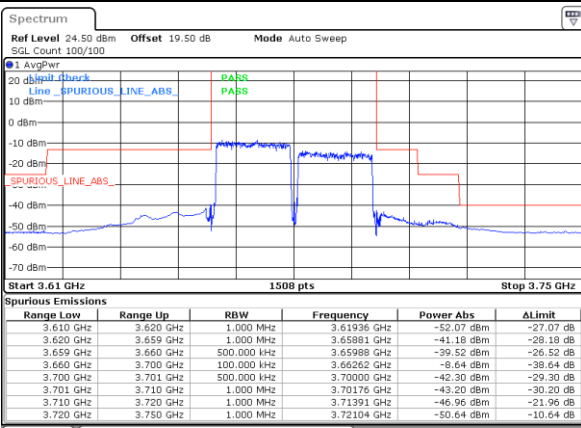
N/A



Date: 28.FEB.2024 02:13:09

Highest Band Edge / Full RB

N/A



Date: 28.FEB.2024 02:12:53

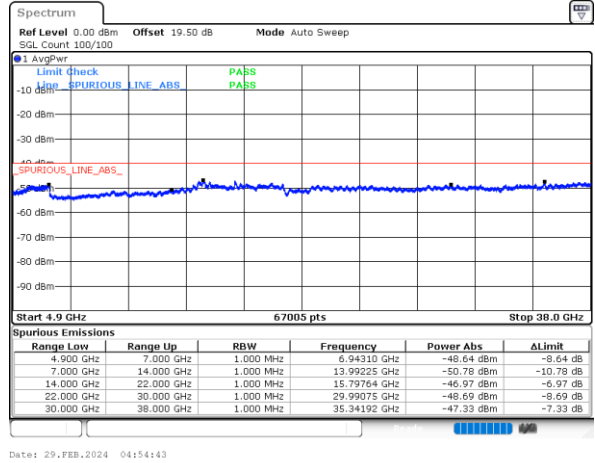
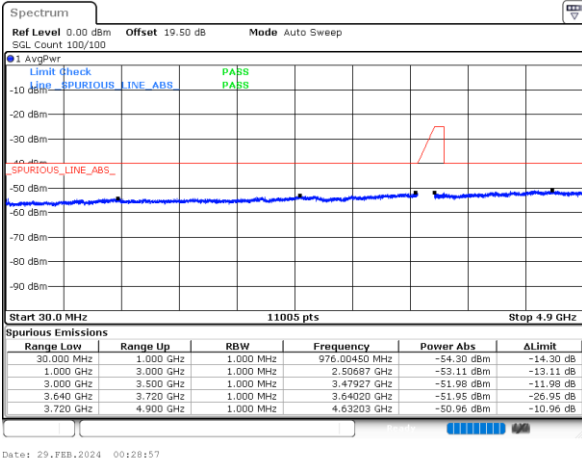


Conducted Spurious Emission

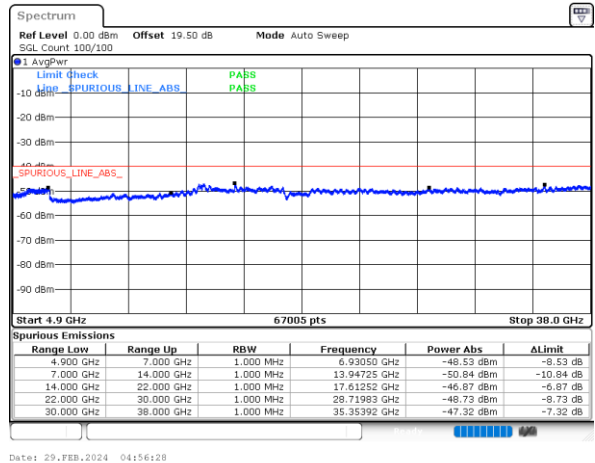
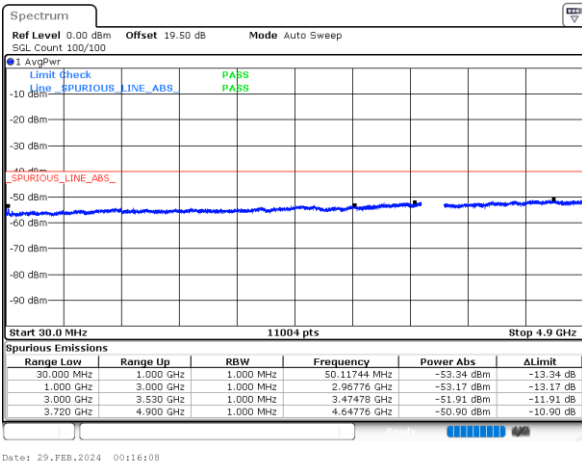
LTE Band 48C / 5MHz+20MHz

QPSK

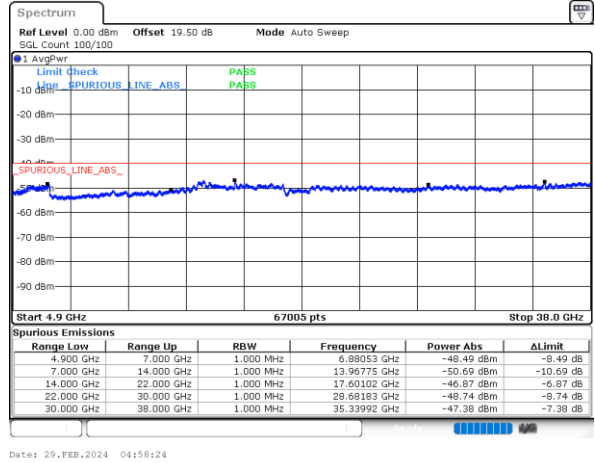
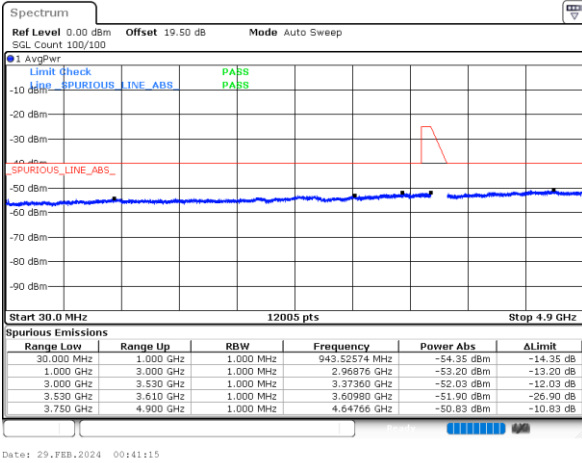
Lowest Channel / 1RB24 and 1RB0



Middle Channel / 1RB24 and 1RB0



Highest Channel / 1RB24 and 1RB0

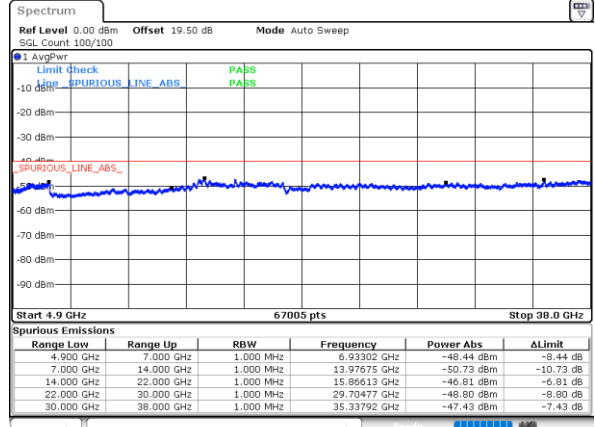
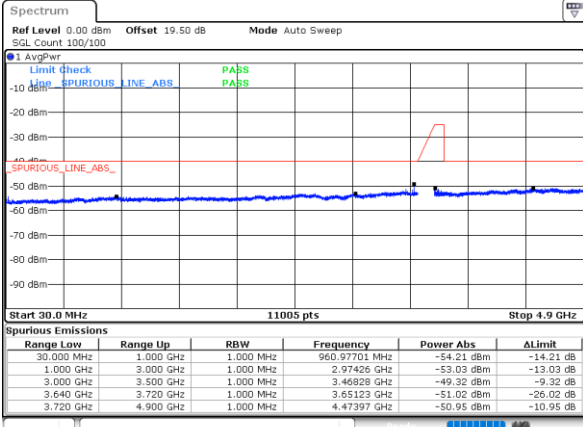




LTE Band 48C / 10MHz+20MHz

QPSK

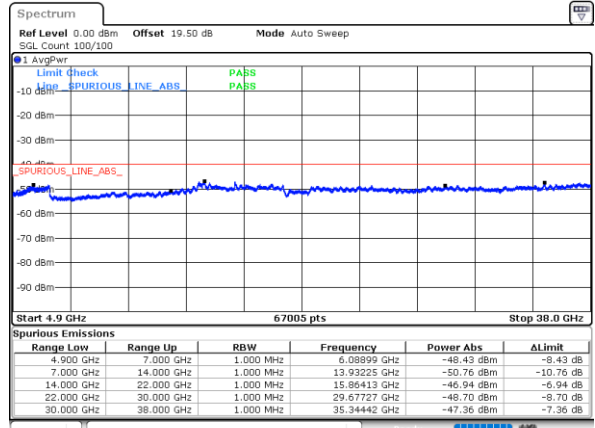
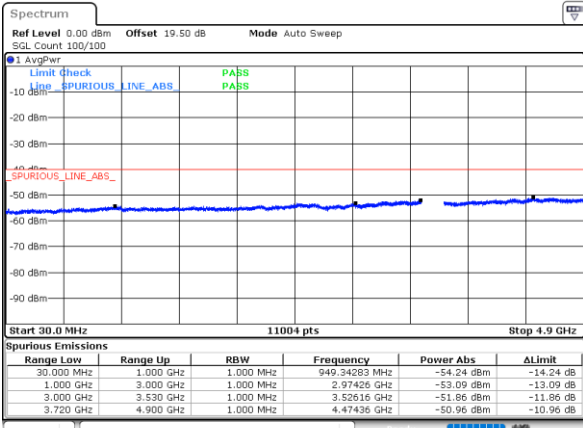
Lowest Channel / 1RB49 and 1RB0



Date: 29_FEB_2024 01:43:59

Date: 29_FEB_2024 05:10:07

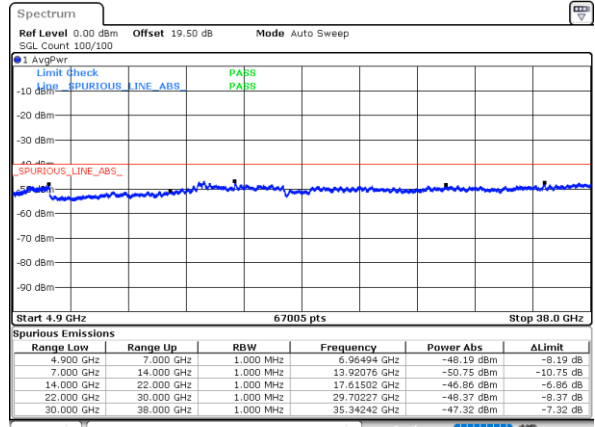
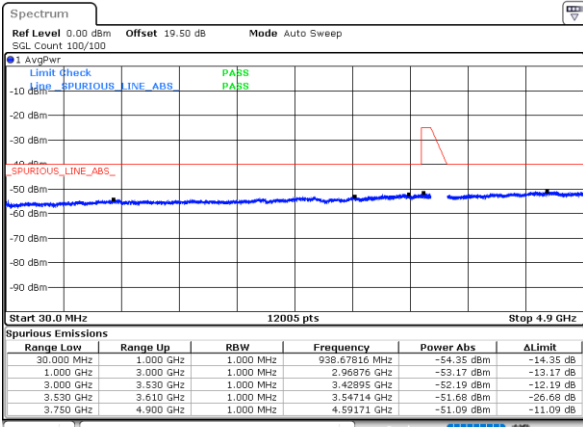
Middle Channel / 1RB49 and 1RB0



Date: 29_FEB_2024 01:43:29

Date: 29_FEB_2024 05:10:17

Highest Channel / 1RB49 and 1RB0



Date: 29_FEB_2024 01:57:09

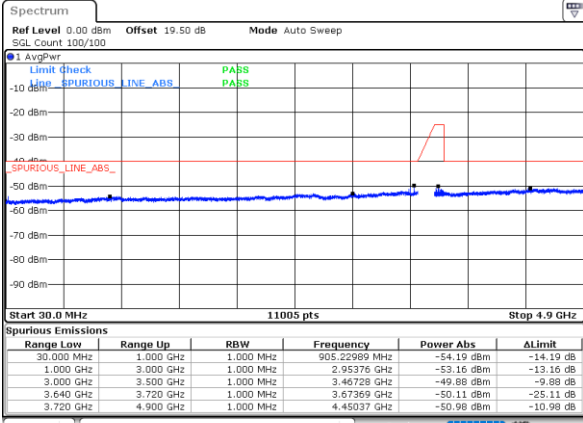
Date: 29_FEB_2024 06:10:52



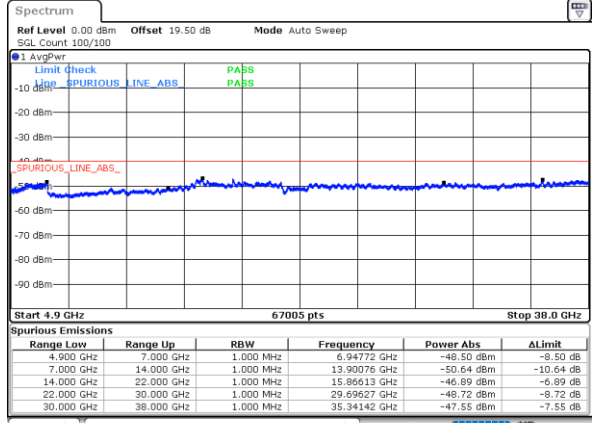
LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

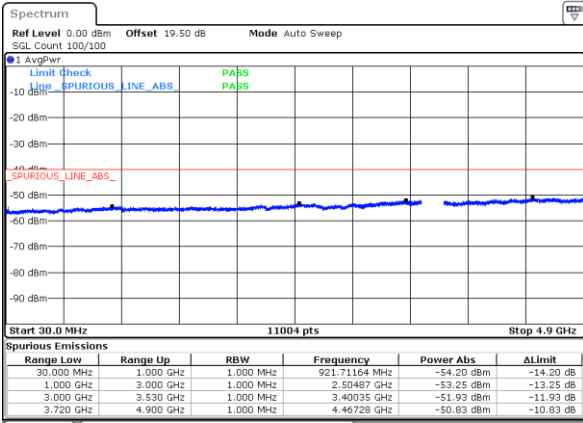


Date: 29_FEB.2024 03:02:28

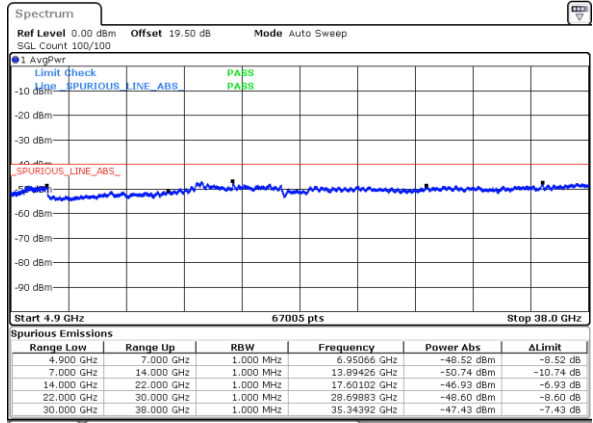


Date: 29_FEB.2024 06:11:35

Middle Channel / 1RB74 and 1RB0

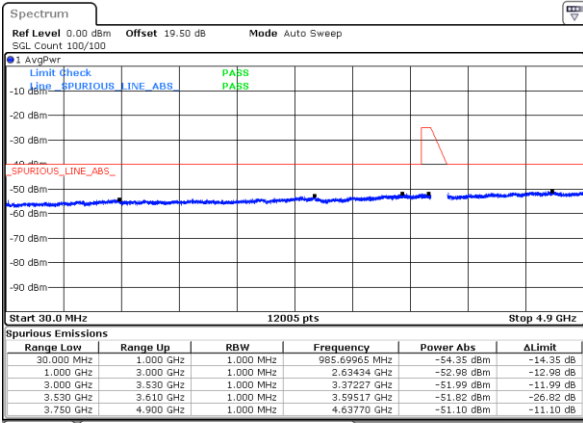


Date: 29_FEB.2024 02:50:09

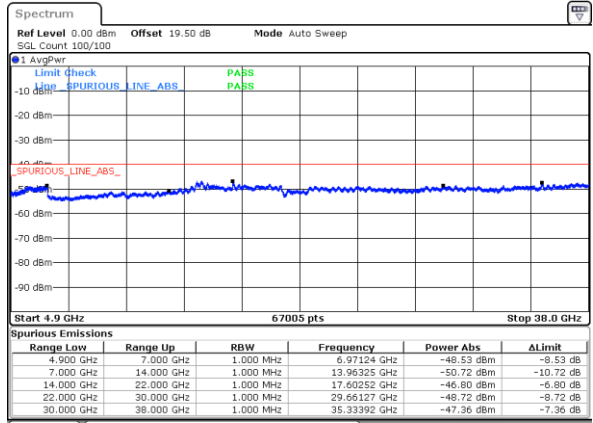


Date: 29_FEB.2024 06:11:19

Highest Channel / 1RB74 and 1RB0



Date: 29_FEB.2024 03:14:15



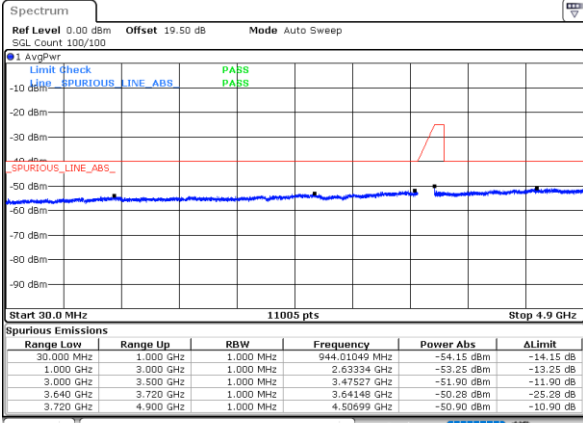
Date: 29_FEB.2024 06:11:04



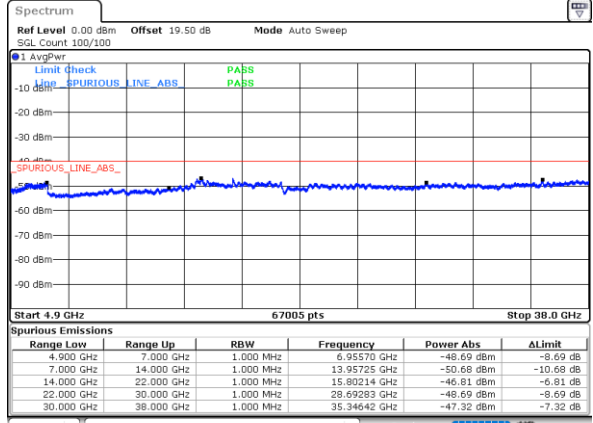
LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

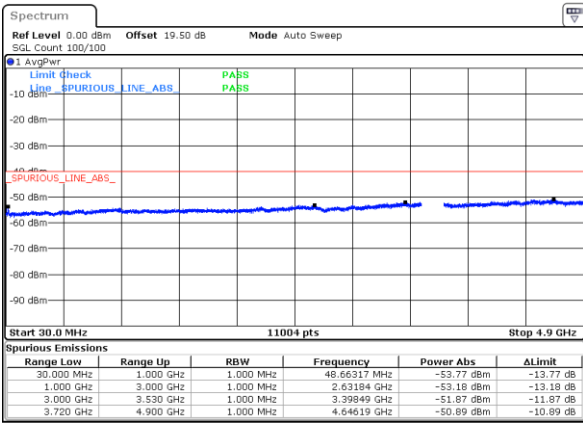


Date: 29_FEB.2024 04:38:06

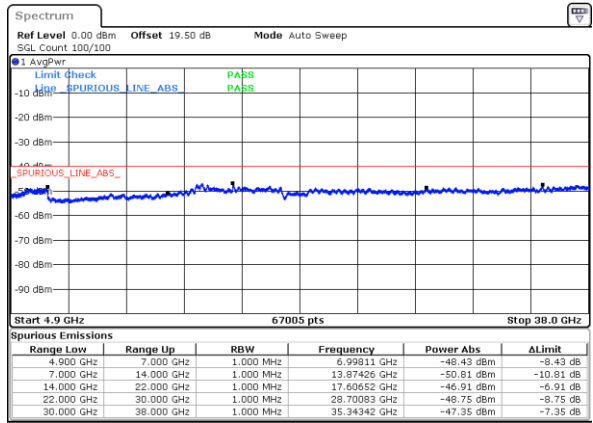


Date: 29_FEB.2024 05:01:51

Middle Channel / 1RB99 and 1RB0

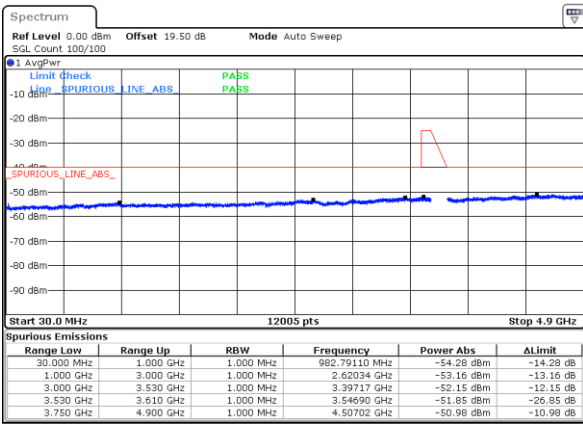


Date: 29_FEB.2024 00:56:12

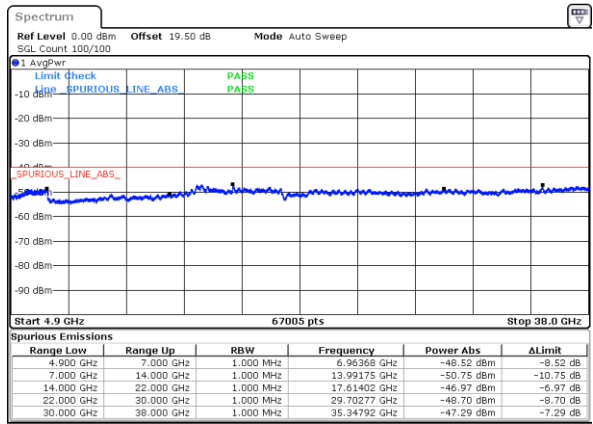


Date: 29_FEB.2024 05:03:35

Highest Channel / 1RB99 and 1RB0



Date: 29_FEB.2024 01:18:03



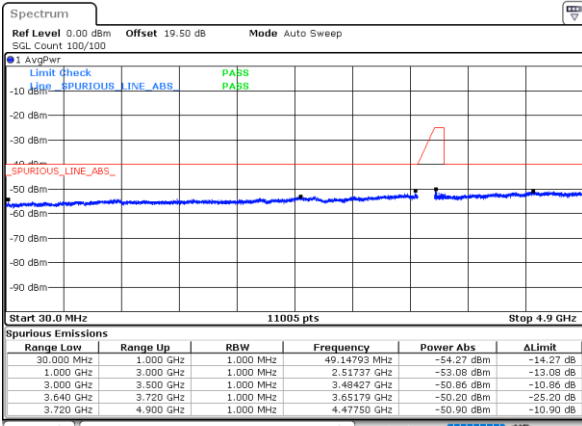
Date: 29_FEB.2024 05:05:19



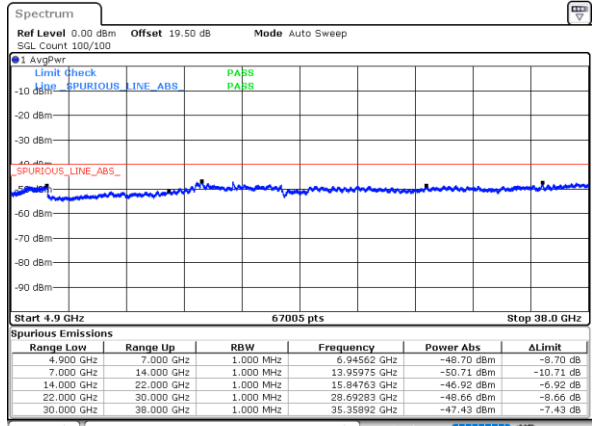
LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

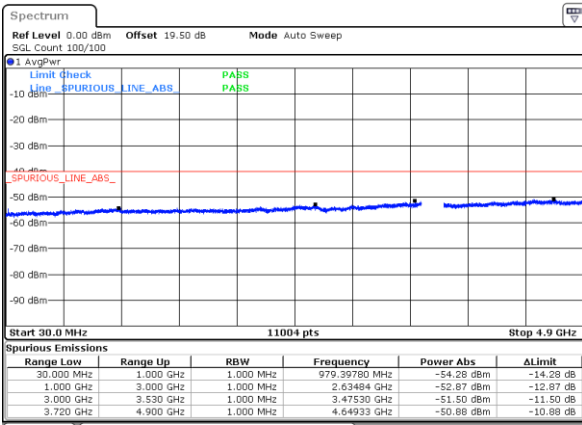


Date: 29_FEB.2024 02:21:38

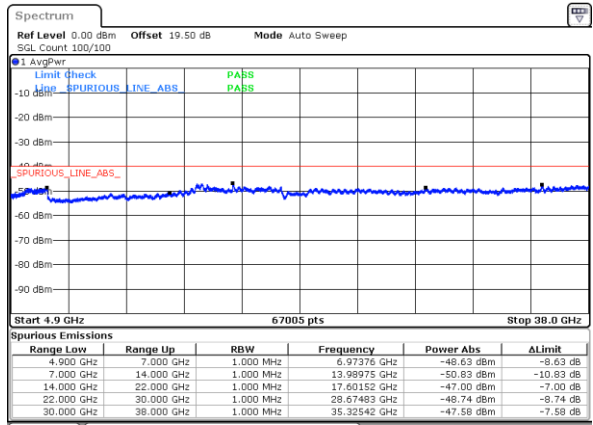


Date: 29_FEB.2024 06:10:14

Middle Channel / 1RB99 and 1RB0

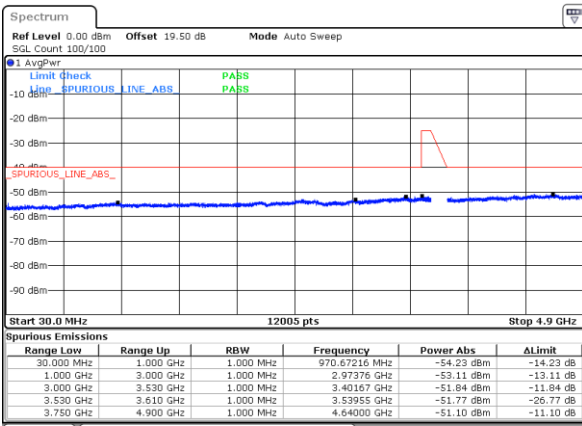


Date: 29_FEB.2024 02:11:33

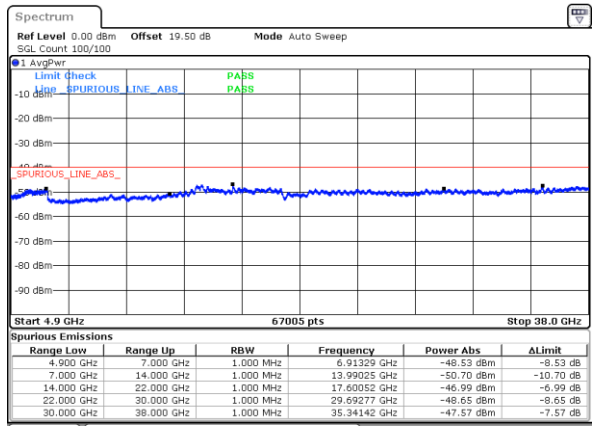


Date: 29_FEB.2024 06:10:24

Highest Channel / 1RB99 and 1RB0



Date: 29_FEB.2024 02:35:03



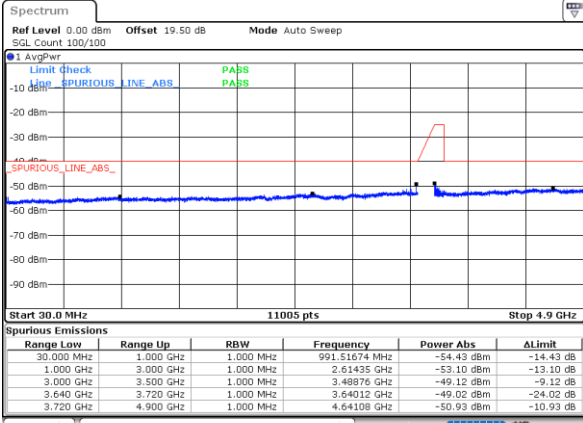
Date: 29_FEB.2024 06:11:08



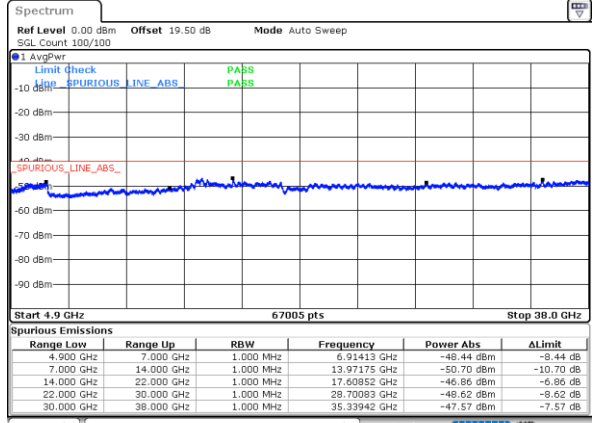
LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

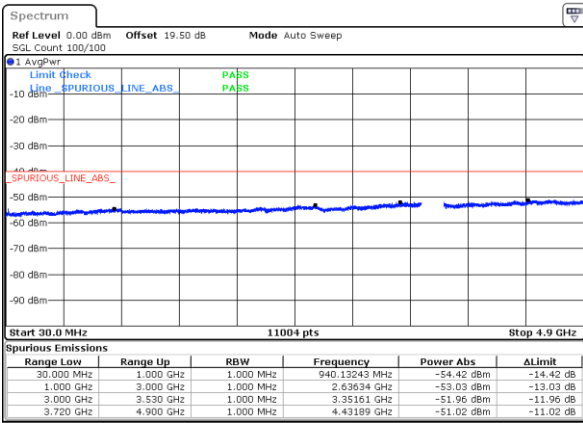


Date: 29_FEB.2024 03:38:30

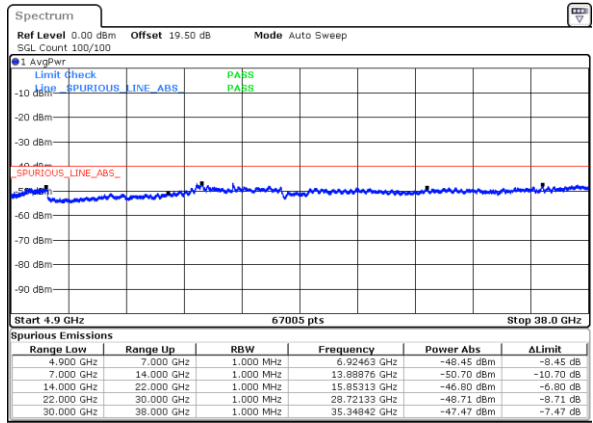


Date: 29_FEB.2024 06:18:51

Middle Channel / 1RB99 and 1RB0

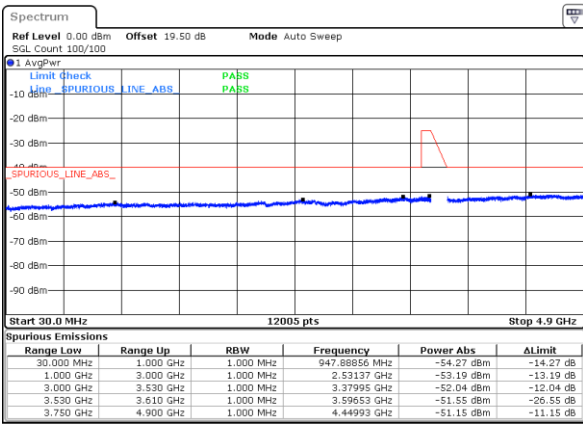


Date: 29_FEB.2024 03:27:11

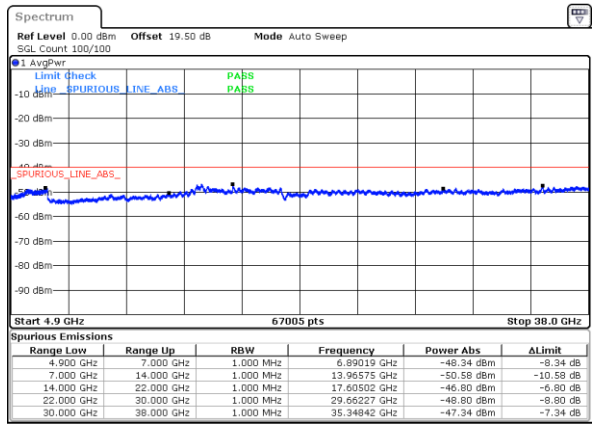


Date: 29_FEB.2024 06:20:41

Highest Channel / 1RB99 and 1RB0



Date: 29_FEB.2024 03:50:59



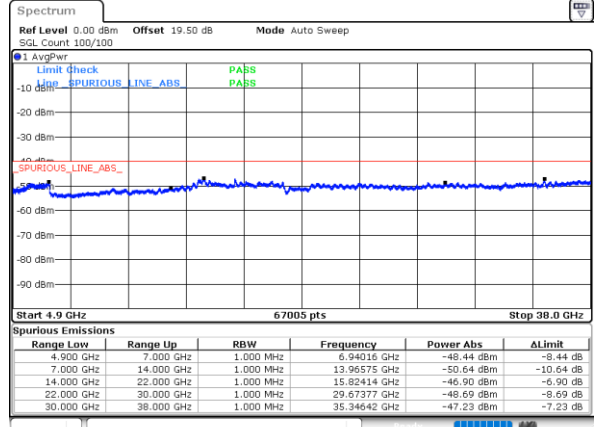
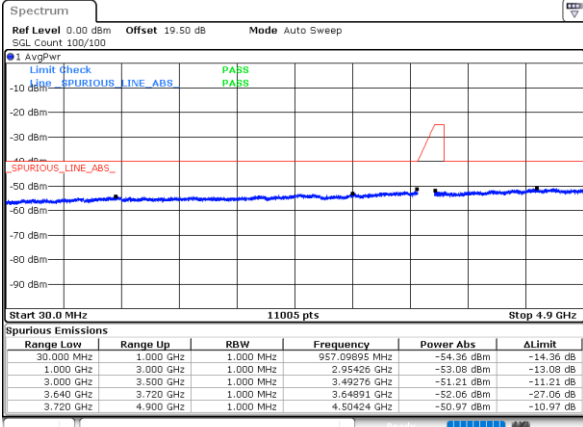
Date: 29_FEB.2024 06:22:26



LTE Band 48C / 20MHz+20MHz

QPSK

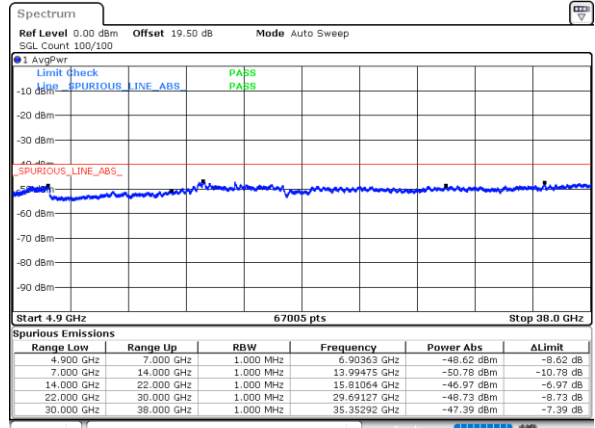
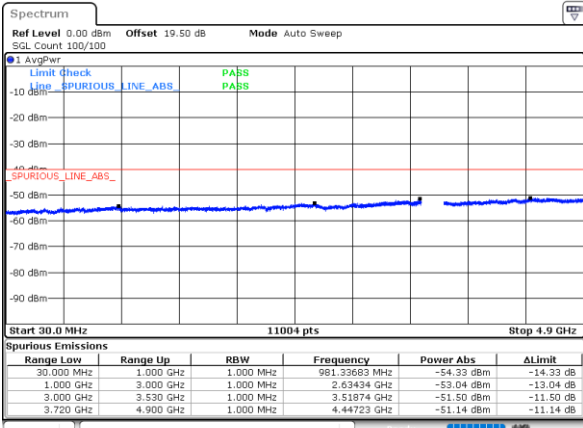
Lowest Channel / 1RB99 and 1RB0



Date: 29_FEB_2024 04:13:40

Date: 29_FEB_2024 06:12:546

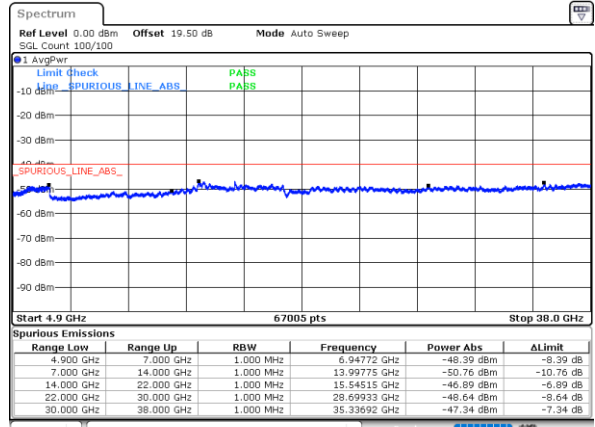
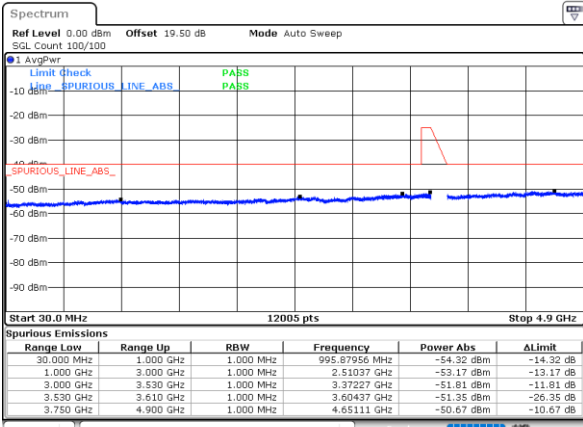
Middle Channel / 1RB99 and 1RB0



Date: 29_FEB_2024 04:14:23

Date: 29_FEB_2024 06:12:559

Highest Channel / 1RB99 and 1RB0



Date: 29_FEB_2024 04:25:40

Date: 29_FEB_2024 06:12:945



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 48 / 20MHz / QPSK / Ant.4									
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)
Lowest	7102.00	-57.64	-40	-17.64	-56.71	-60.97	8.25	11.58	H
	10653.00	-55.73	-40	-15.73	-59.50	-57.28	10.45	12.00	H
	14204.00	-50.15	-40	-10.15	-58.85	-51.86	11.74	13.45	H
	7102.00	-57.27	-40	-17.27	-56.75	-60.60	8.25	11.58	V
	10653.00	-55.54	-40	-15.54	-58.85	-57.09	10.45	12.00	V
	14204.00	-49.72	-40	-9.72	-57.97	-51.43	11.74	13.45	V
Middle	7232.00	-58.00	-40	-18.00	-57.18	-61.30	8.30	11.60	H
	10848.00	-54.64	-40	-14.64	-59.21	-56.16	10.48	12.00	H
	14464.00	-49.00	-40	-9.00	-59.00	-50.70	11.80	13.50	H
	7232.00	-57.94	-40	-17.94	-57.43	-61.24	8.30	11.60	V
	10848.00	-54.98	-40	-14.98	-59.18	-56.50	10.48	12.00	V
	14464.00	-49.67	-40	-9.67	-59.09	-51.37	11.80	13.50	V
Highest	7362.00	-58.78	-40	-18.78	-57.94	-62.08	8.32	11.62	H
	11043.00	-54.49	-40	-14.49	-59.77	-56.17	10.52	12.20	H
	14724.00	-49.91	-40	-9.91	-60.15	-51.61	11.85	13.55	H
	7362.00	-58.67	-40	-18.67	-57.92	-61.97	8.32	11.62	V
	11043.00	-54.68	-40	-14.68	-59.67	-56.36	10.52	12.20	V
	14724.00	-49.61	-40	-9.61	-59.29	-51.31	11.85	13.55	V

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



LTE Band 48B / 10MHz+10MHz / QPSK / Ant.4									
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)
Lowest	7119.90	-60.94	-40	-20.94	-53.13	-64.27	8.25	11.58	H
	10679.85	-55.97	-40	-15.97	-54.63	-57.52	10.45	12.00	H
	14239.80	-54.23	-40	-14.23	-55.02	-55.94	11.74	13.45	H
	7119.90	-59.96	-40	-19.96	-52.73	-63.29	8.25	11.58	V
	10679.85	-57.19	-40	-17.19	-55.24	-58.74	10.45	12.00	V
	14239.80	-52.88	-40	-12.88	-54.91	-54.59	11.74	13.45	V
Middle	7250.00	-60.90	-40	-20.90	-53.63	-64.20	8.30	11.60	H
	10876.35	-56.05	-40	-16.05	-55.15	-57.57	10.48	12.00	H
	14501.80	-54.21	-40	-14.21	-55.38	-55.91	11.80	13.50	H
	7250.00	-60.09	-40	-20.09	-53.54	-63.39	8.30	11.60	V
	10876.35	-56.69	-40	-16.69	-55.34	-58.21	10.48	12.00	V
	14501.80	-52.15	-40	-12.15	-55.03	-53.85	11.80	13.50	V
Highest	7380.10	-59.39	-40	-19.39	-52.78	-62.69	8.32	11.62	H
	11070.15	-55.78	-40	-15.78	-55.47	-57.46	10.52	12.20	H
	14760.20	-53.07	-40	-13.07	-55.27	-54.77	11.85	13.55	H
	7380.10	-59.22	-40	-19.22	-52.97	-62.52	8.32	11.62	V
	11070.15	-56.15	-40	-16.15	-55.55	-57.83	10.52	12.20	V
	14760.20	-51.07	-40	-11.07	-55.38	-52.77	11.85	13.55	V

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

LTE Band 48C / 20MHz+20MHz / QPSK / Ant.4									
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)
Lowest	7139.80	-60.25	-40	-20.25	-52.51	-63.58	8.25	11.58	H
	10709.70	-56.85	-40	-16.85	-55.57	-58.40	10.45	12.00	H
	14279.60	-54.40	-40	-14.40	-55.25	-56.11	11.74	13.45	H
	7139.80	-59.15	-40	-19.15	-52.06	-62.48	8.25	11.58	V
	10709.70	-57.59	-40	-17.59	-55.73	-59.14	10.45	12.00	V
	14279.60	-53.05	-40	-13.05	-55.22	-54.76	11.74	13.45	V
Middle	7250.00	-59.96	-40	-19.96	-52.69	-63.26	8.30	11.60	H
	10875.00	-54.61	-40	-14.61	-53.70	-56.13	10.48	12.00	H
	14500.00	-53.37	-40	-13.37	-54.53	-55.07	11.80	13.50	H
	7250.00	-59.37	-40	-19.37	-52.82	-62.67	8.30	11.60	V
	10875.00	-55.87	-40	-15.87	-54.51	-57.39	10.48	12.00	V
	14500.00	-52.00	-40	-12.00	-54.87	-53.70	11.80	13.50	V
Highest	7360.20	-59.40	-40	-19.40	-52.69	-62.70	8.32	11.62	H
	11040.30	-55.24	-40	-15.24	-54.80	-56.92	10.52	12.20	H
	14720.40	-52.80	-40	-12.80	-54.84	-54.50	11.85	13.55	H
	7360.20	-59.01	-40	-19.01	-52.72	-62.31	8.32	11.62	V
	11040.30	-55.79	-40	-15.79	-55.03	-57.47	10.52	12.20	V
	14720.40	-50.80	-40	-10.80	-54.88	-52.50	11.85	13.55	V

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