

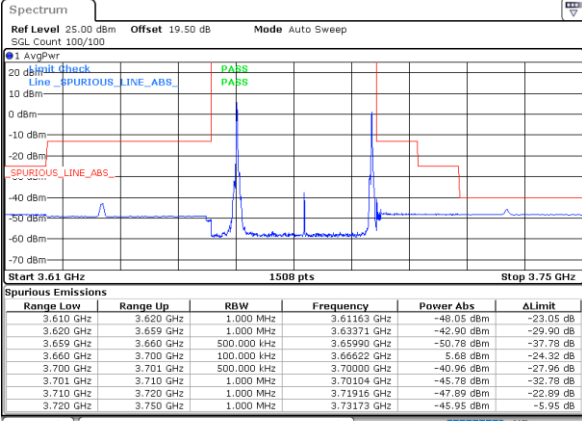


LTE Band 48C / 20MHz+15MHz

64QAM

Highest Band Edge / 1RB0 and 1RB74

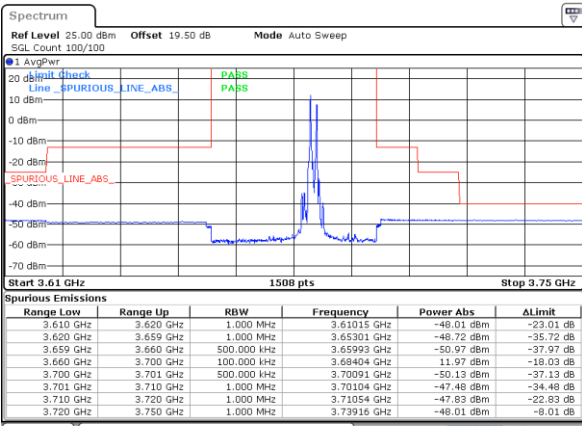
N/A



Date: 3.7AN.2024 00:44:07

Highest Band Edge / 1RB99 and 1RB0

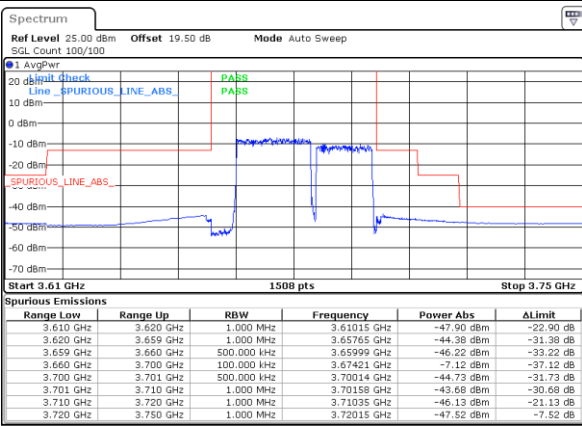
N/A



Date: 3.7AN.2024 00:45:03

Highest Band Edge / Full RB

N/A



Date: 3.7AN.2024 00:39:24

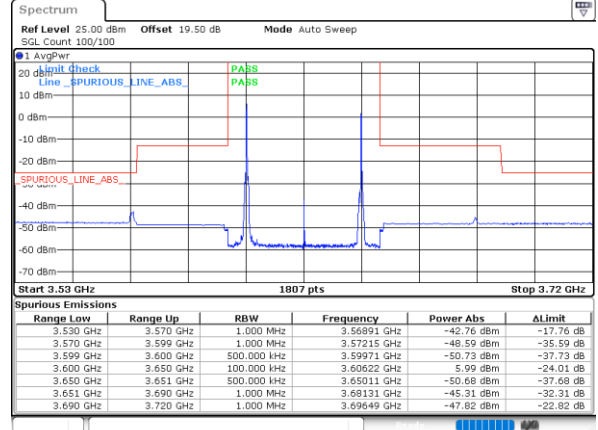
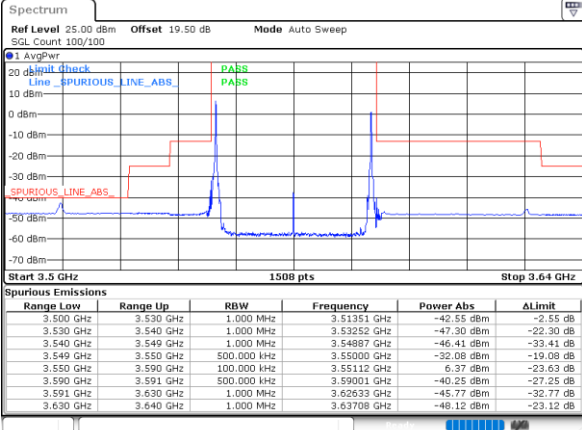


LTE Band 48C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

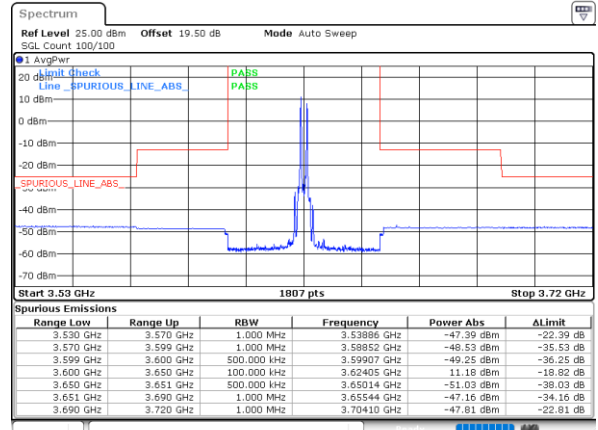
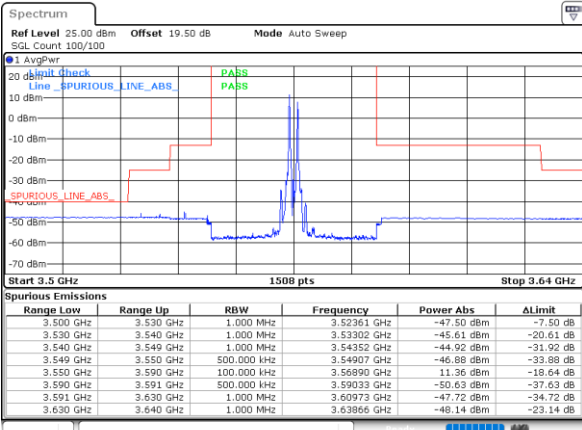


Date: 3..JAN.2024 00:15:33

Date: 3..JAN.2024 02:15:30

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

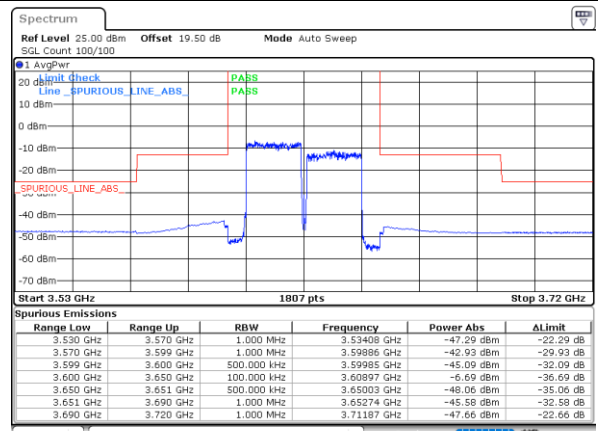
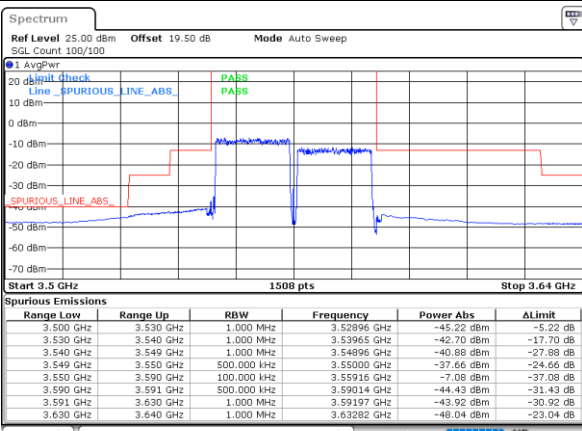


Date: 3..JAN.2024 00:19:40

Date: 3..JAN.2024 02:11:03

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 3..JAN.2024 00:15:10

Date: 3..JAN.2024 02:16:23

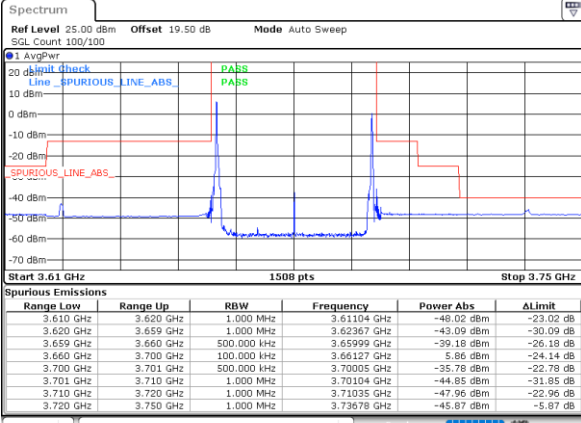


LTE Band 48C / 20MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

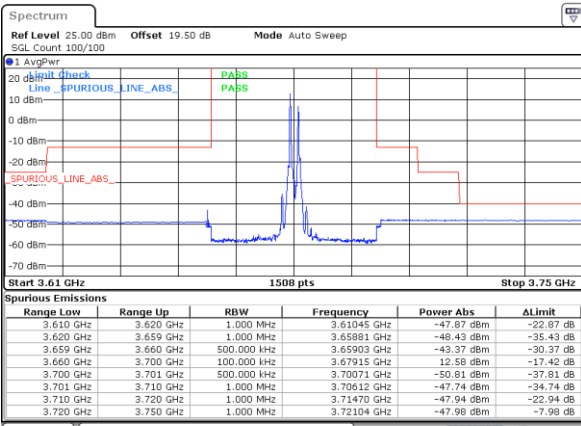
N/A



Date: 3.7AN.2024 01:00:129

Highest Band Edge / 1RB99 and 1RB0

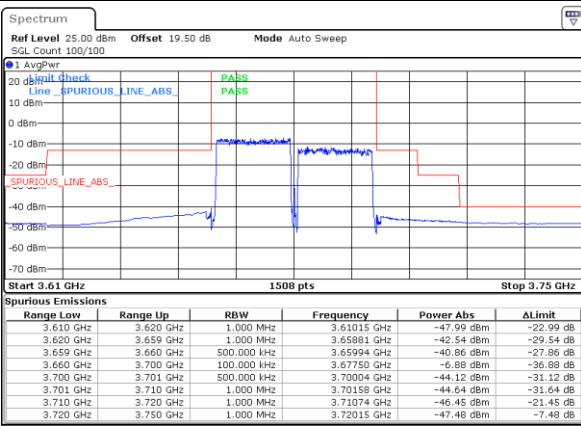
N/A



Date: 3.7AN.2024 01:01:122

Highest Band Edge / Full RB

N/A



Date: 3.7AN.2024 00:56:102

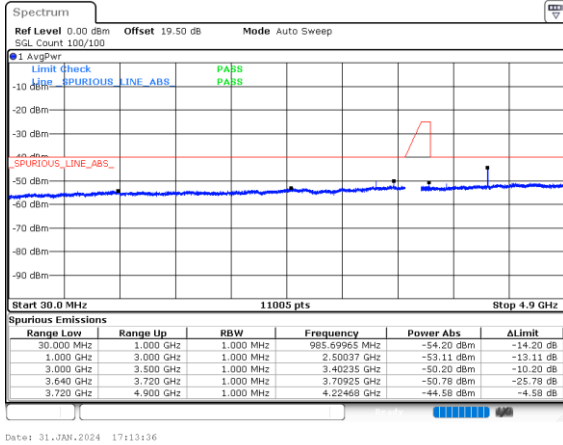


Conducted Spurious Emission

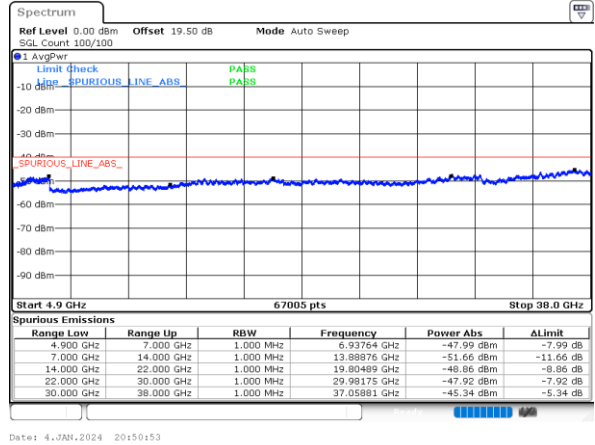
LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

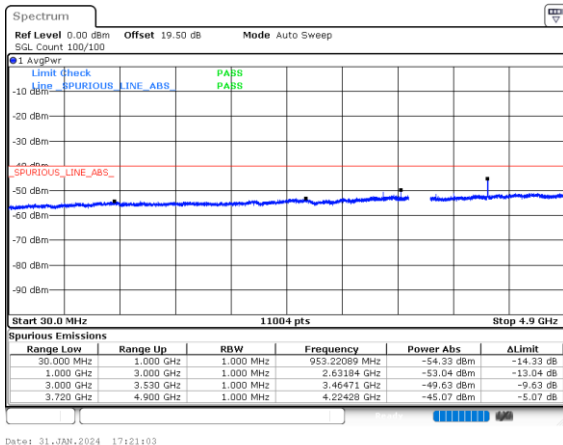


Date: 31.JAN.2024 17:13:36

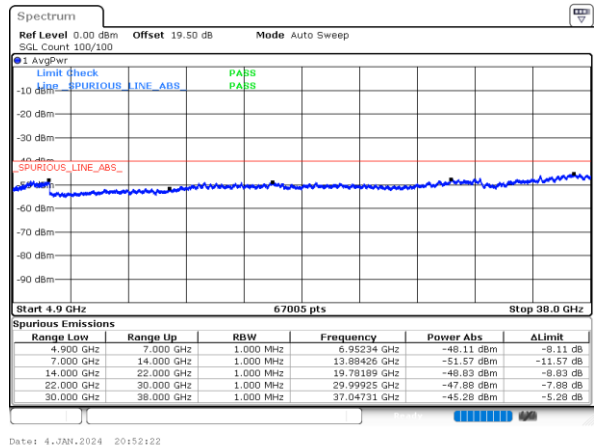


Date: 4.JAN.2024 20:50:53

Middle Channel / 1RB24 and 1RB0

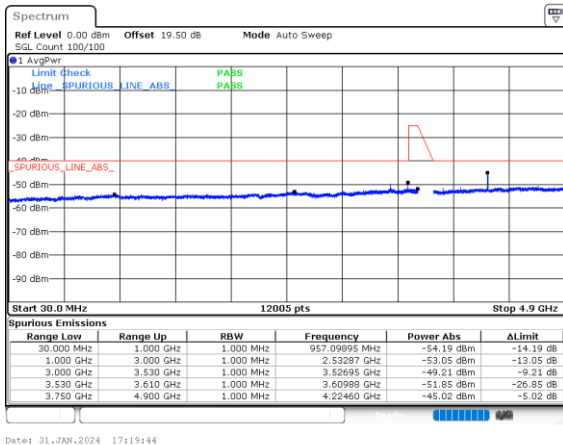


Date: 31.JAN.2024 17:21:03

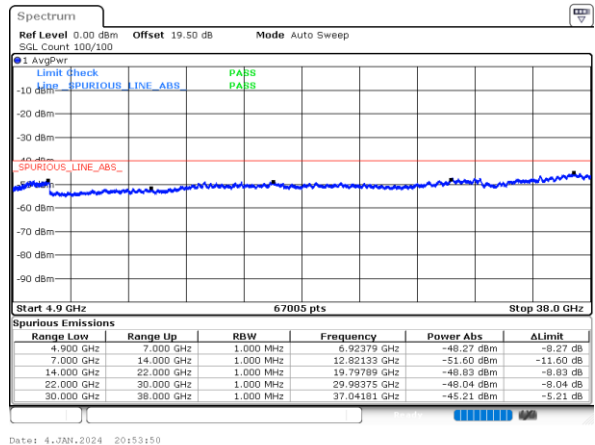


Date: 4.JAN.2024 20:52:22

Highest Channel / 1RB24 and 1RB0



Date: 31.JAN.2024 17:19:44



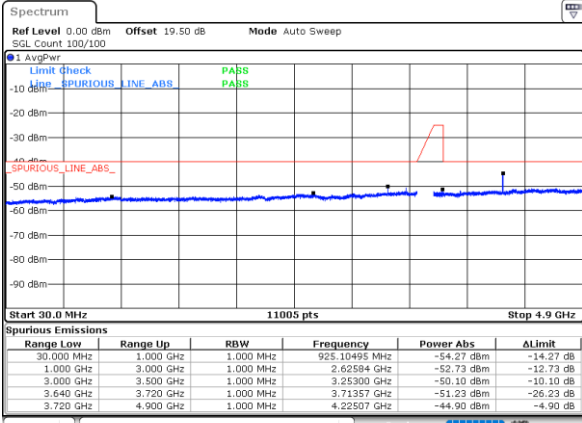
Date: 4.JAN.2024 20:53:50



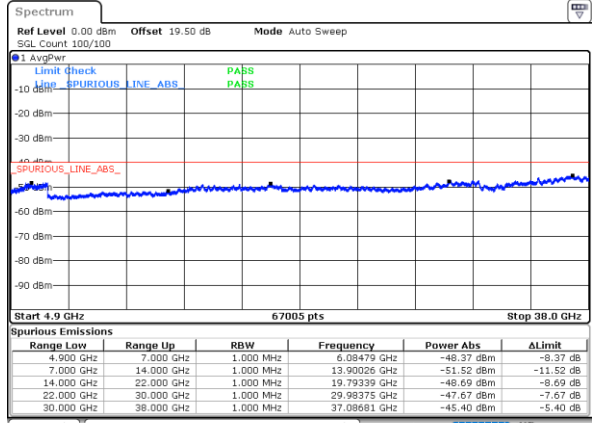
LTE Band 48C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

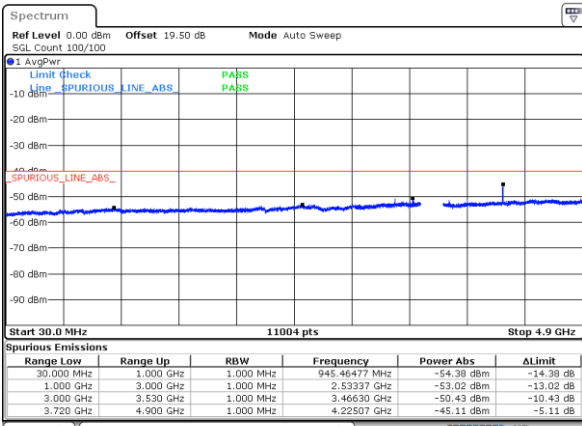


Date: 31.JAN.2024 17:22:24

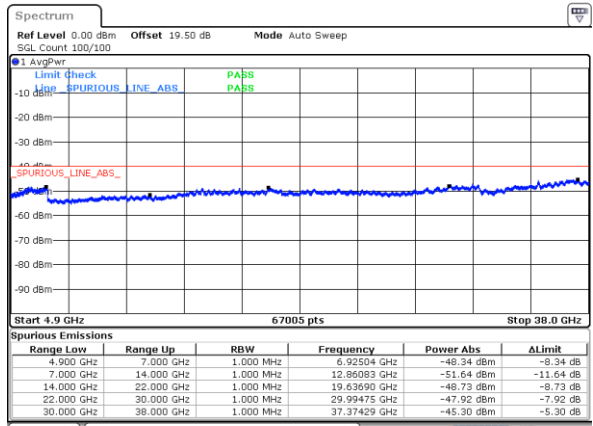


Date: 4.JAN.2024 20:59:52

Middle Channel / 1RB49 and 1RB0

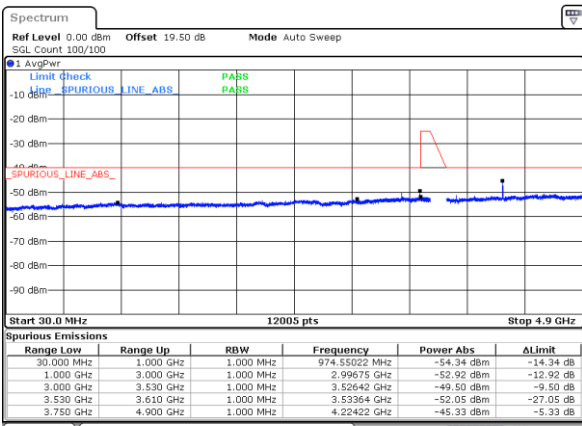


Date: 31.JAN.2024 17:24:27

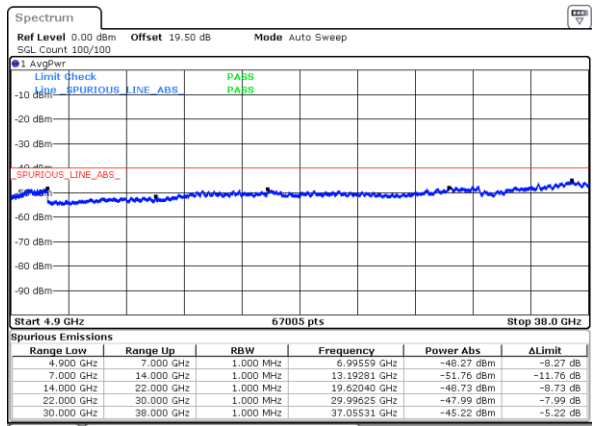


Date: 4.JAN.2024 21:01:21

Highest Channel / 1RB49 and 1RB0



Date: 31.JAN.2024 17:26:00



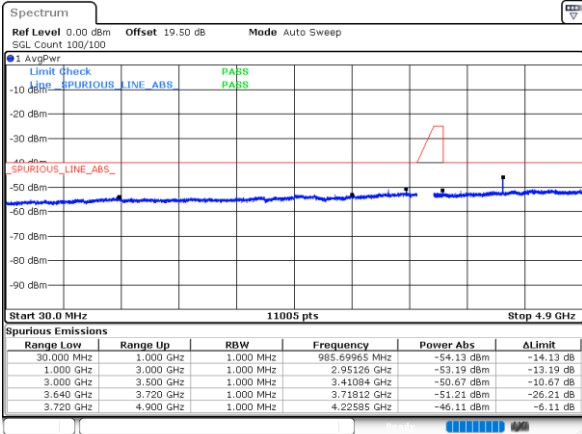
Date: 4.JAN.2024 21:02:50



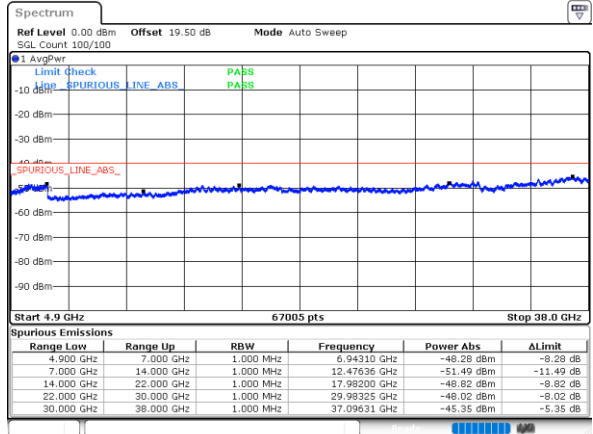
LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

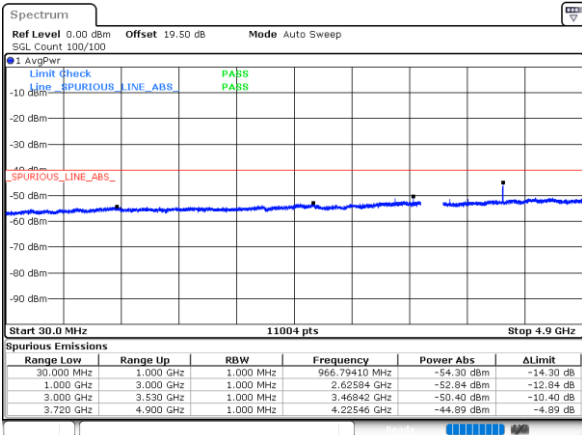


Date: 31.JAN.2024 17:28:57

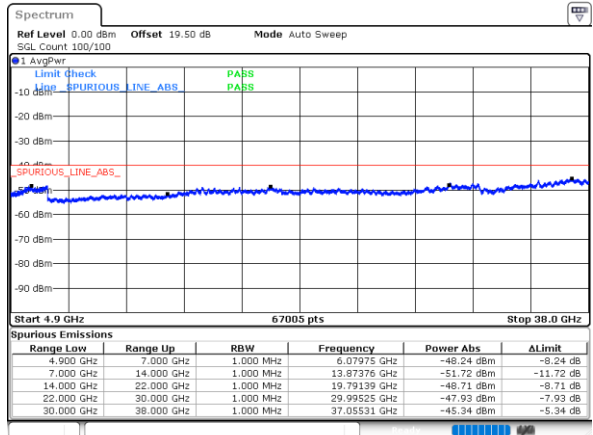


Date: 4.JAN.2024 21:08:57

Middle Channel / 1RB74 and 1RB0

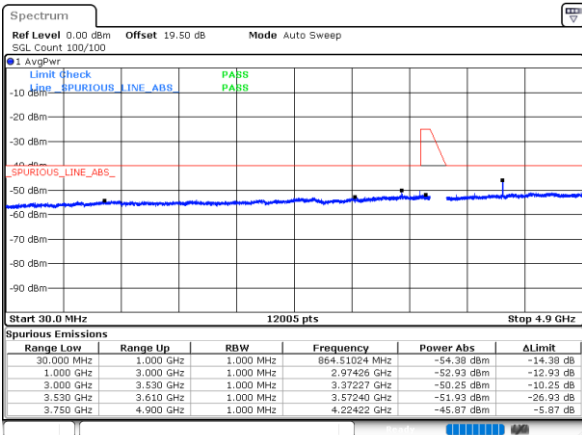


Date: 31.JAN.2024 17:32:11

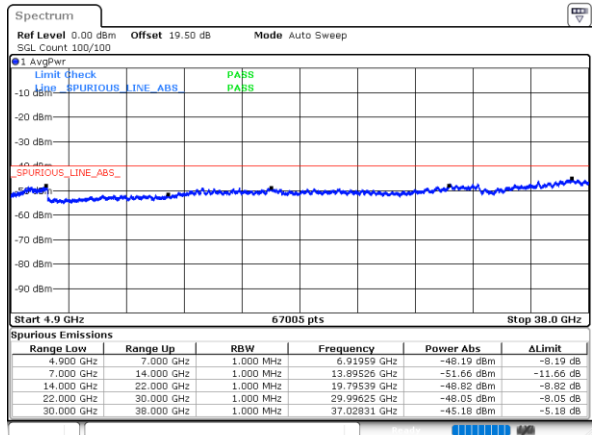


Date: 4.JAN.2024 21:10:25

Highest Channel / 1RB74 and 1RB0



Date: 31.JAN.2024 17:33:17



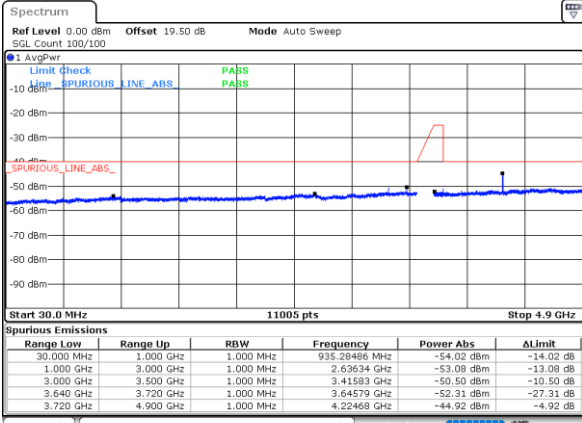
Date: 4.JAN.2024 21:11:53



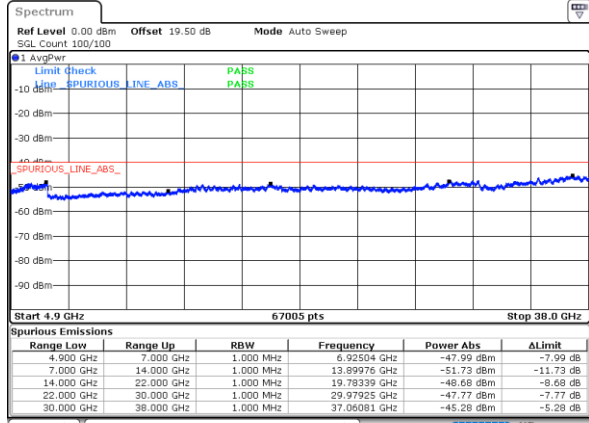
LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

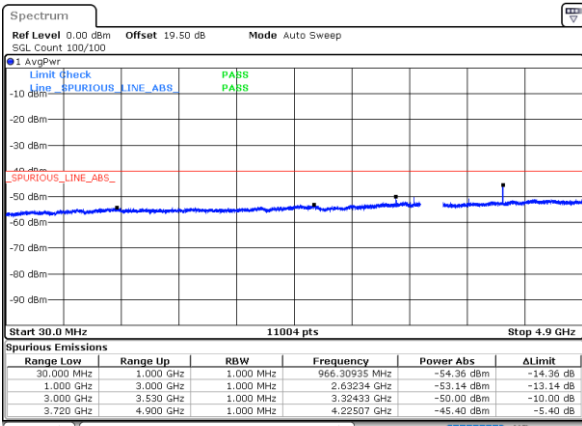


Date: 31.JAN.2024 17:34:29

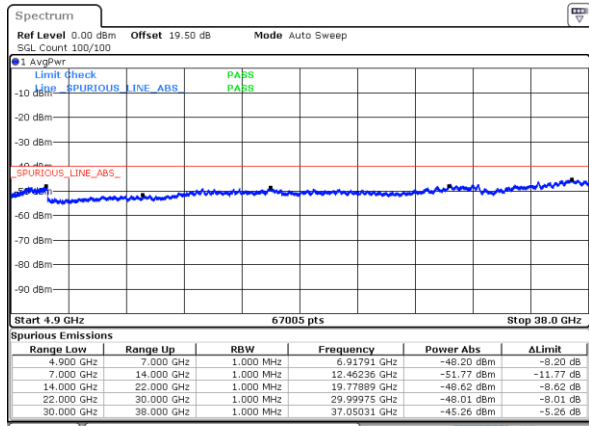


Date: 4.JAN.2024 20:55:23

Middle Channel / 1RB99 and 1RB0

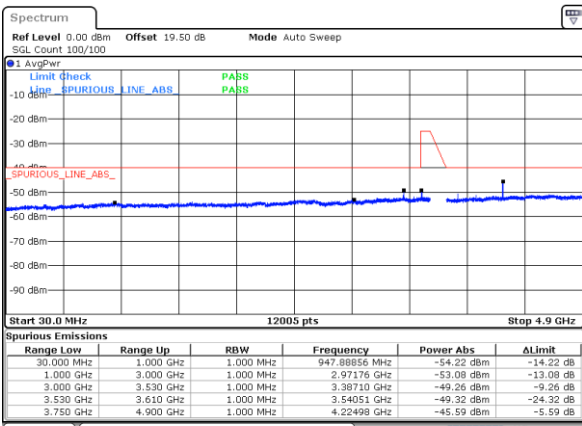


Date: 31.JAN.2024 17:35:24

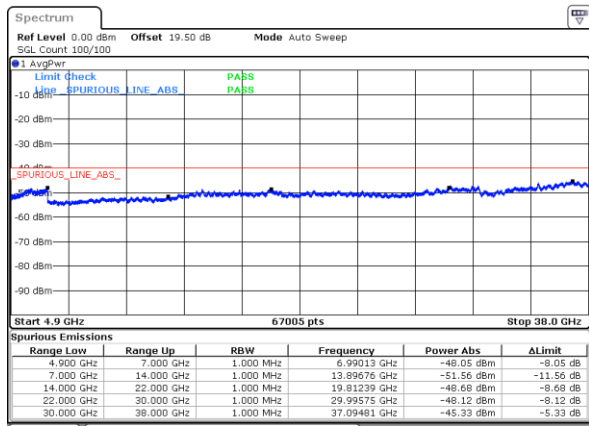


Date: 4.JAN.2024 20:56:51

Highest Channel / 1RB99 and 1RB0



Date: 31.JAN.2024 17:37:00



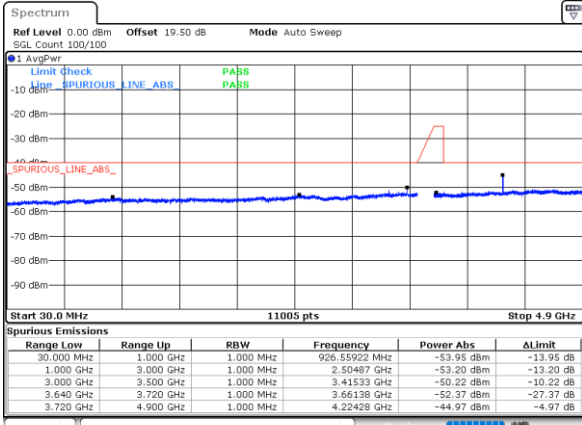
Date: 4.JAN.2024 20:58:20



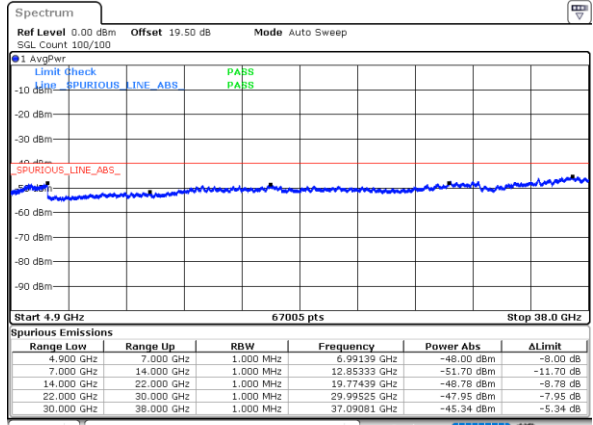
LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

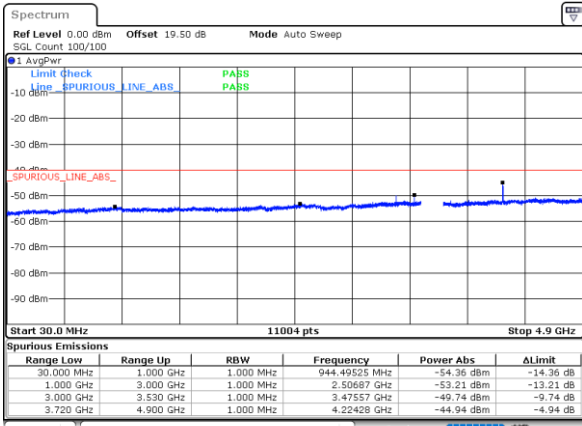


Date: 31.JAN.2024 17:38:25

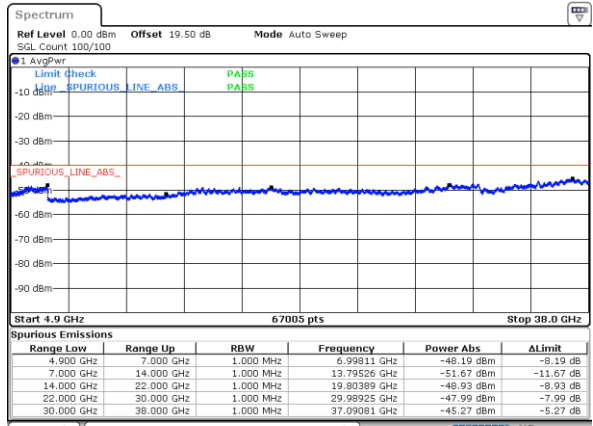


Date: 4.JAN.2024 21:04:21

Middle Channel / 1RB99 and 1RB0

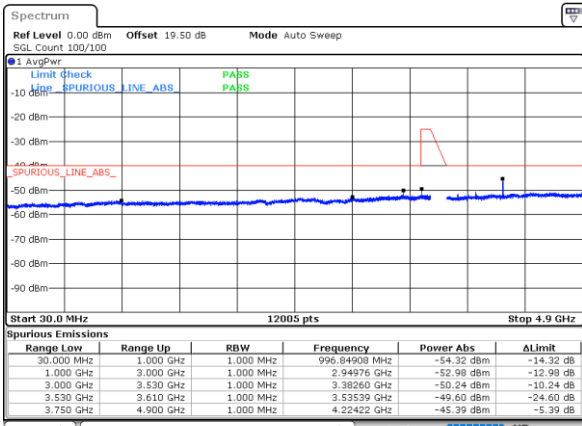


Date: 31.JAN.2024 17:39:09

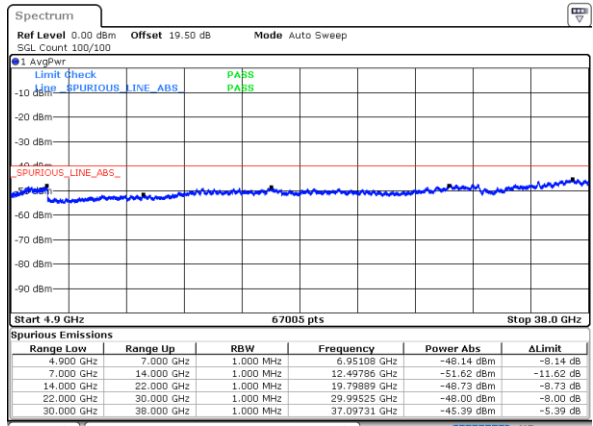


Date: 4.JAN.2024 21:05:50

Highest Channel / 1RB99 and 1RB0



Date: 31.JAN.2024 17:40:05



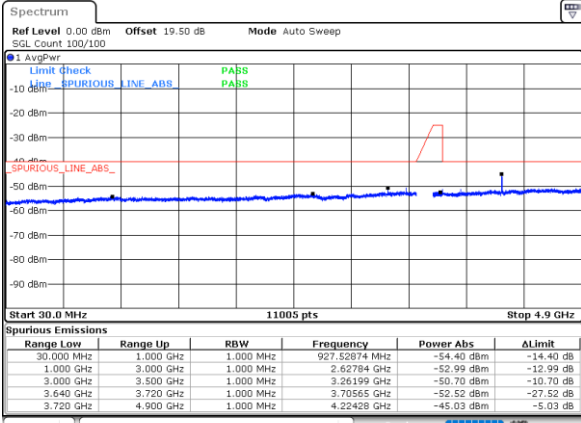
Date: 4.JAN.2024 21:07:20



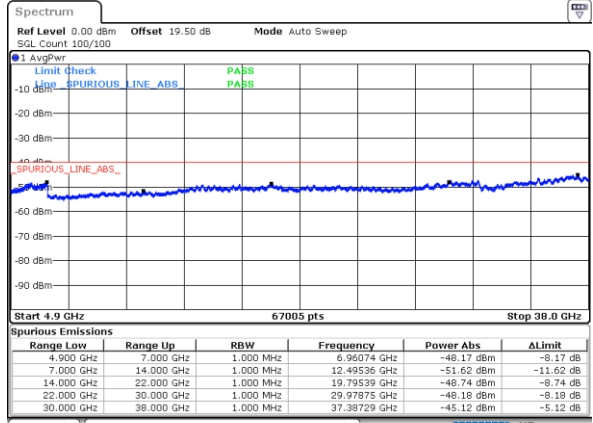
LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

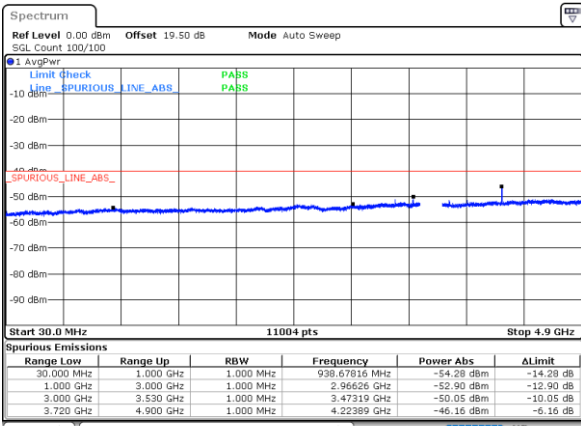


Date: 31.JAN.2024 17:40:53

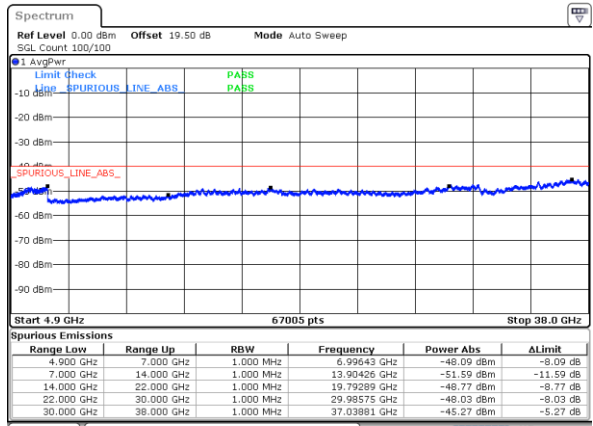


Date: 4.JAN.2024 21:13:25

Middle Channel / 1RB99 and 1RB0

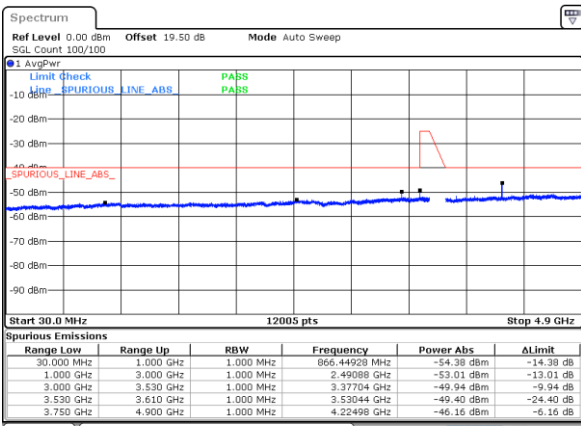


Date: 31.JAN.2024 17:41:46

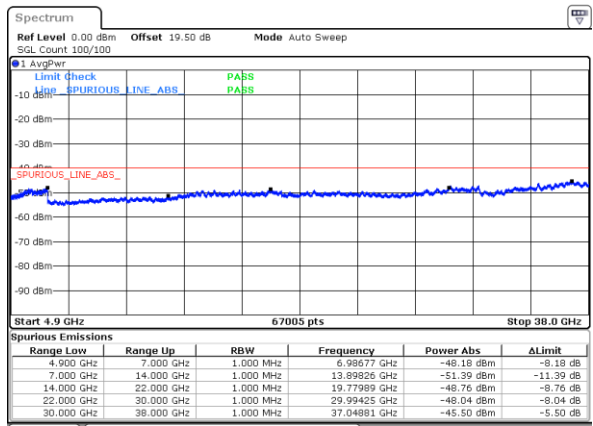


Date: 4.JAN.2024 21:14:54

Highest Channel / 1RB99 and 1RB0



Date: 31.JAN.2024 17:46:22



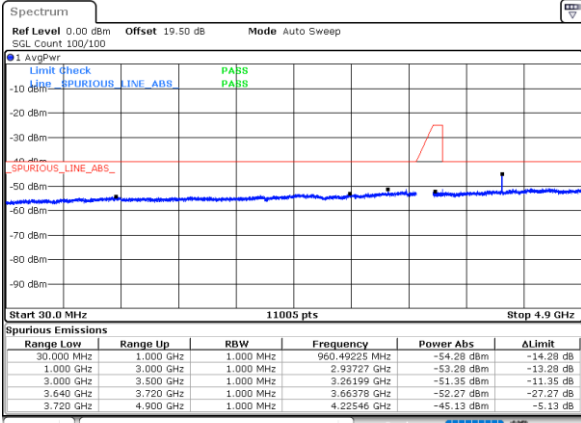
Date: 4.JAN.2024 21:16:23



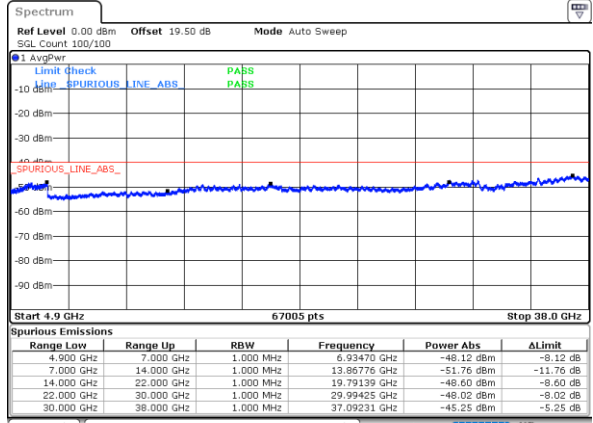
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

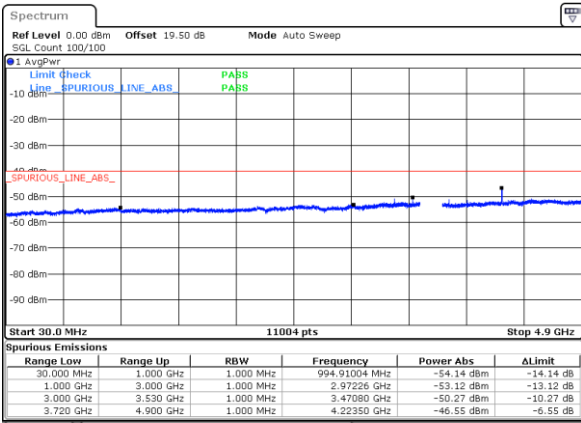


Date: 31.JAN.2024 17:54:43

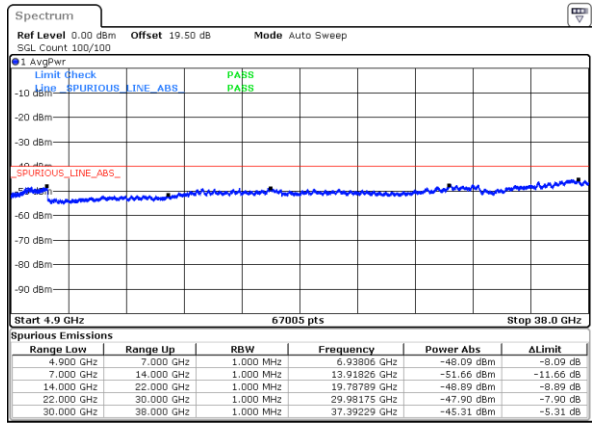


Date: 4.JAN.2024 21:17:48

Middle Channel / 1RB99 and 1RB0

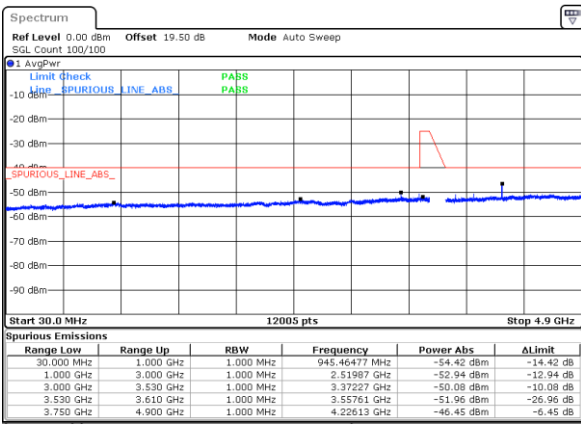


Date: 31.JAN.2024 17:56:50

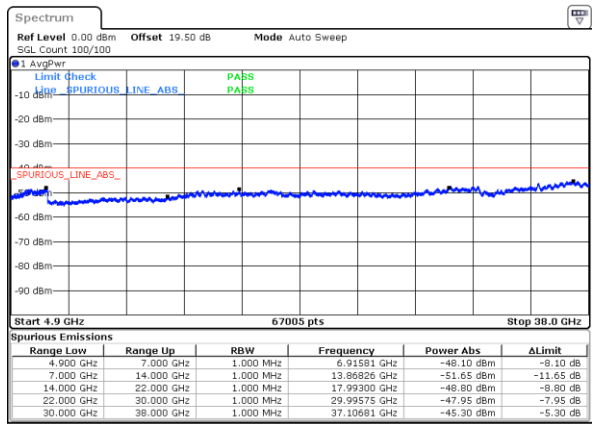


Date: 4.JAN.2024 21:19:19

Highest Channel / 1RB99 and 1RB0



Date: 31.JAN.2024 17:59:11



Date: 4.JAN.2024 21:20:52



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	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	-52.23	-40	-12.23	-44.36	-55.56	8.25	11.58	H
	10653.00	-54.04	-40	-14.04	-52.64	-55.59	10.45	12.00	H
	14204.00	-53.72	-40	-13.72	-54.46	-55.43	11.74	13.45	H
	7102.00	-47.93	-40	-7.93	-40.58	-51.26	8.25	11.58	V
	10653.00	-56.26	-40	-16.26	-54.22	-57.81	10.45	12.00	V
	14204.00	-52.53	-40	-12.53	-54.45	-54.24	11.74	13.45	V
Middle	7232.00	-48.67	-40	-8.67	-41.31	-51.97	8.30	11.60	H
	10848.00	-52.41	-40	-12.41	-51.44	-53.93	10.48	12.00	H
	14464.00	-51.92	-40	-11.92	-53.03	-53.62	11.80	13.50	H
	7232.00	-53.24	-40	-13.24	-46.65	-56.54	8.30	11.60	V
	10848.00	-52.84	-40	-12.84	-51.4	-54.36	10.48	12.00	V
	14464.00	-52.14	-40	-12.14	-54.90	-53.84	11.80	13.50	V
Highest	7362.00	-55.65	-40	-15.65	-48.95	-58.95	8.32	11.62	H
	11043.00	-49.09	-40	-9.09	-48.66	-50.77	10.52	12.20	H
	14724.00	-52.23	-40	-12.23	-54.28	-53.93	11.85	13.55	H
	7362.00	-45.63	-40	-5.63	-39.34	-48.93	8.32	11.62	V
	11043.00	-51.49	-40	-11.49	-50.75	-53.17	10.52	12.20	V
	14724.00	-48.94	-40	-8.94	-53.04	-50.64	11.85	13.55	V

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



CA_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	-55.81	-40	-15.81	-48.07	-59.14	8.25	11.58	H
	10709.70	-55.68	-40	-15.68	-54.40	-57.23	10.45	12.00	H
	14279.60	-53.68	-40	-13.68	-54.53	-55.39	11.74	13.45	H
	7139.80	-50.86	-40	-10.86	-43.77	-54.19	8.25	11.58	V
	10709.70	-53.61	-40	-13.61	-51.75	-55.16	10.45	12.00	V
	14279.60	-52.09	-40	-12.09	-54.26	-53.80	11.74	13.45	V
Middle	7250.00	-58.29	-40	-18.29	-51.02	-61.59	8.30	11.60	H
	10875.00	-54.68	-40	-14.68	-53.77	-56.20	10.48	12.00	H
	14500.00	-53.22	-40	-13.22	-54.38	-54.92	11.80	13.50	H
	7250.00	-53.23	-40	-13.23	-46.68	-56.53	8.30	11.60	V
	10875.00	-51.88	-40	-11.88	-50.52	-53.40	10.48	12.00	V
	14500.00	-51.13	-40	-11.13	-54.00	-52.83	11.80	13.50	V
Highest	7360.00	-55.36	-40	-15.36	-48.65	-58.66	8.32	11.62	H
	11040.00	-55.01	-40	-15.01	-54.57	-56.69	10.52	12.20	H
	14720.00	-52.40	-40	-12.40	-54.43	-54.10	11.85	13.55	H
	7360.00	-48.32	-40	-8.32	-42.03	-51.62	8.32	11.62	V
	11040.00	-52.56	-40	-12.56	-51.8	-54.24	10.52	12.20	V
	14720.00	-50.50	-40	-10.50	-54.58	-52.20	11.85	13.55	V

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