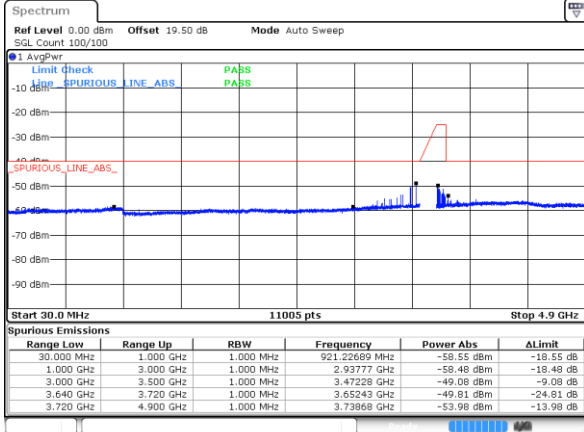




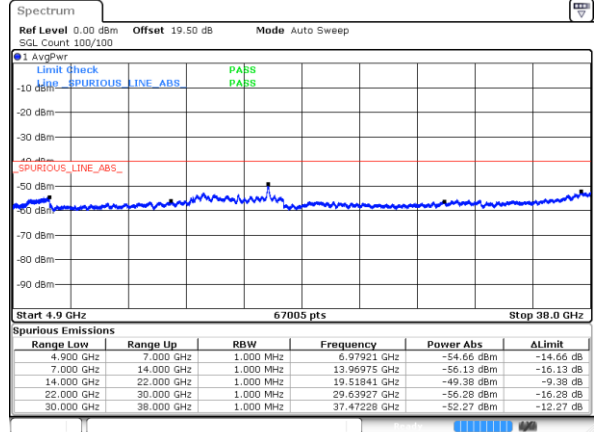
LTE Band 48C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

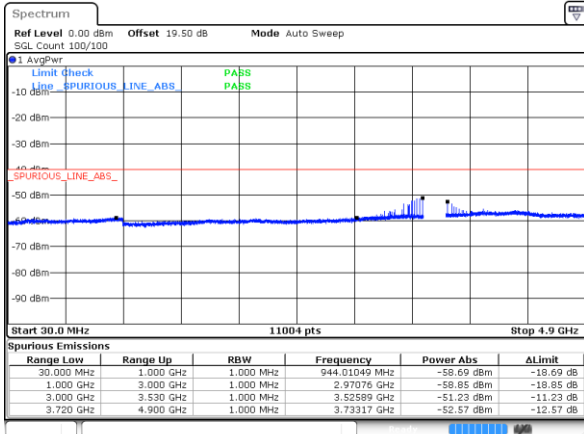


Date: 28 MAR 2024 23:04:26

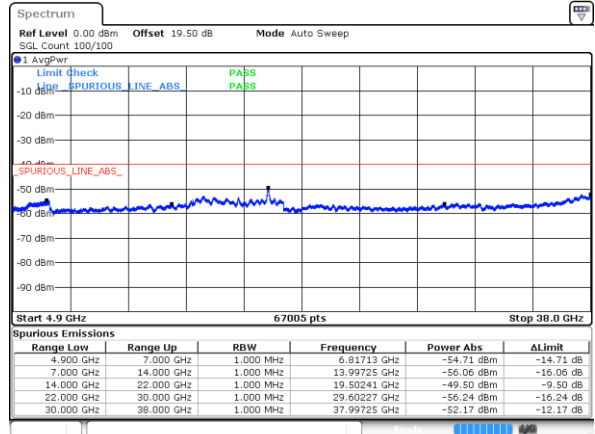


Date: 29 MAR 2024 11:59:06

Middle Channel / 1RB49 and 1RB0

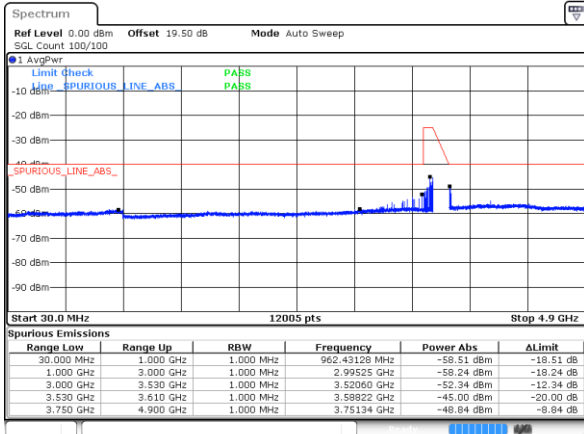


Date: 28 MAR 2024 22:52:16

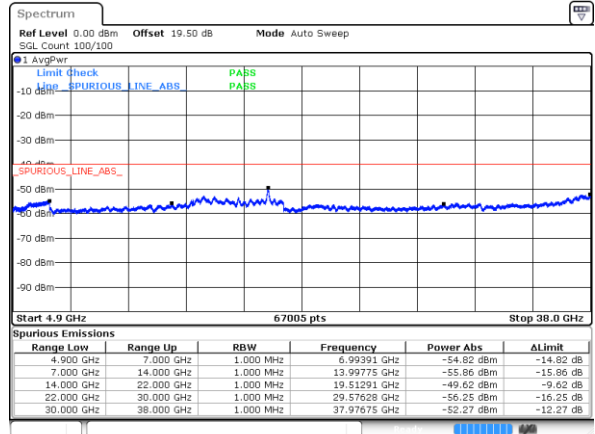


Date: 29 MAR 2024 12:02:58

Highest Channel / 1RB49 and 1RB0



Date: 28 MAR 2024 23:57:35



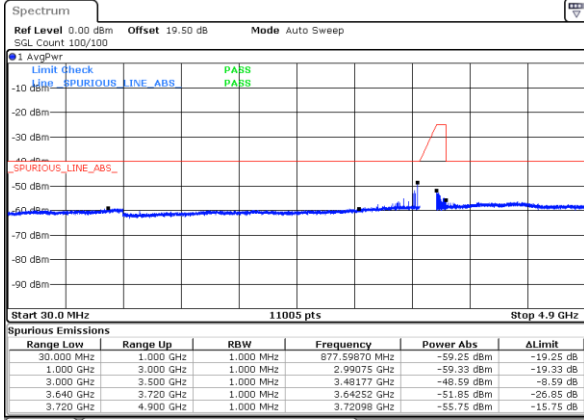
Date: 29 MAR 2024 12:06:25



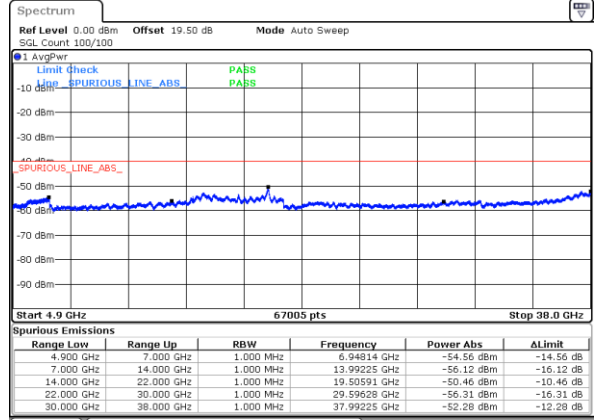
LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

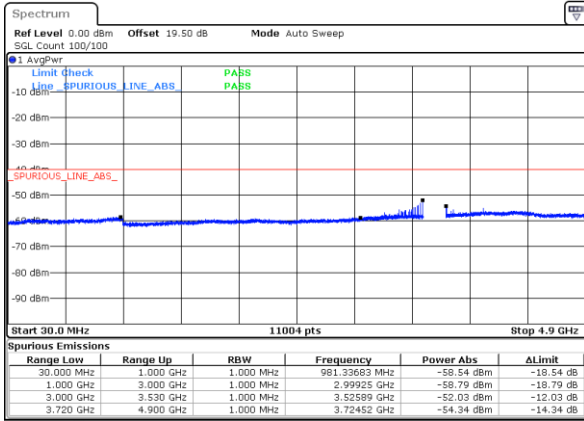


Date: 29 MAR 2024 08:48:15

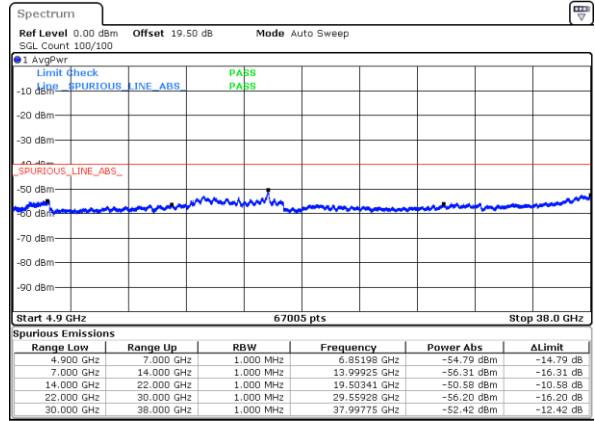


Date: 29 MAR 2024 13:20:08

Middle Channel / 1RB74 and 1RB0

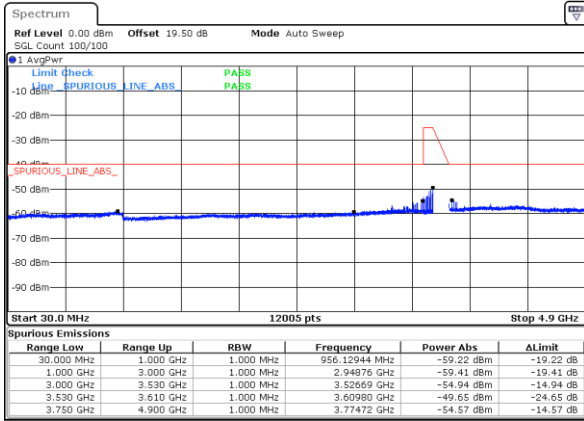


Date: 29 MAR 2024 01:31:23

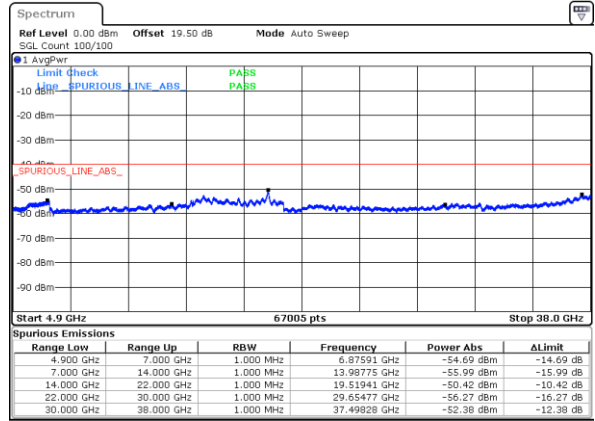


Date: 29 MAR 2024 13:21:35

Highest Channel / 1RB74 and 1RB0



Date: 29 MAR 2024 09:16:48



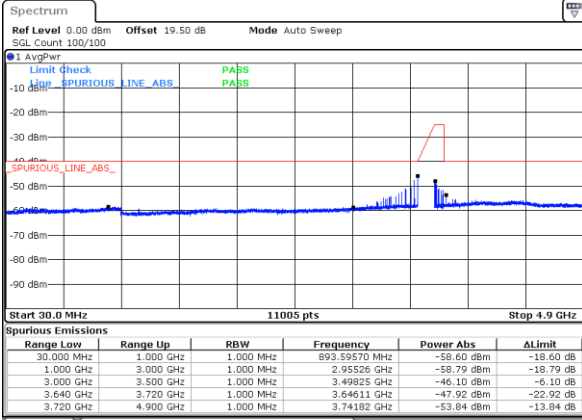
Date: 29 MAR 2024 13:23:06



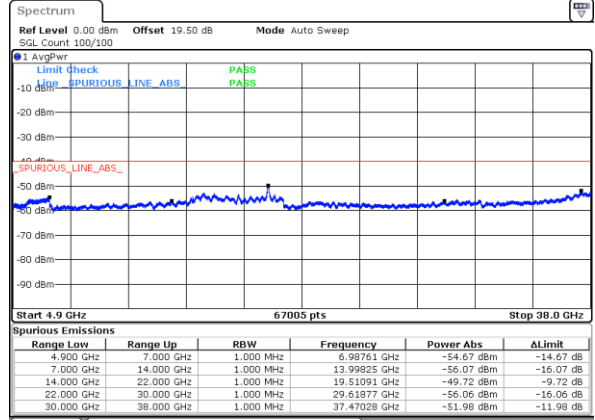
LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0



Date: 28 MAR 2024 21:44:28

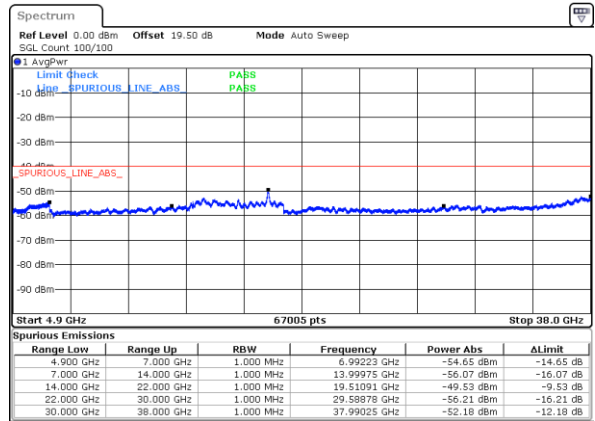


Date: 29 MAR 2024 11:49:16

Middle Channel / 1RB99 and 1RB0

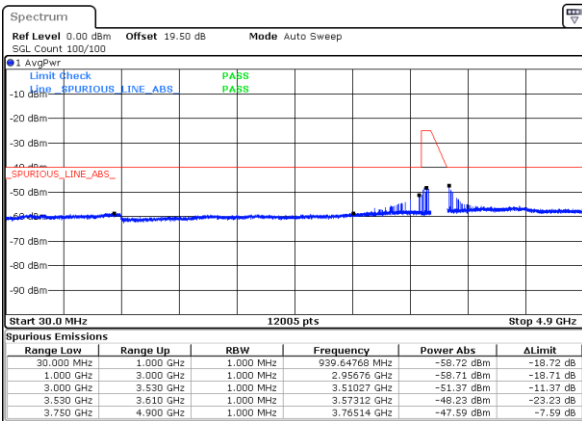


Date: 28 MAR 2024 21:33:49

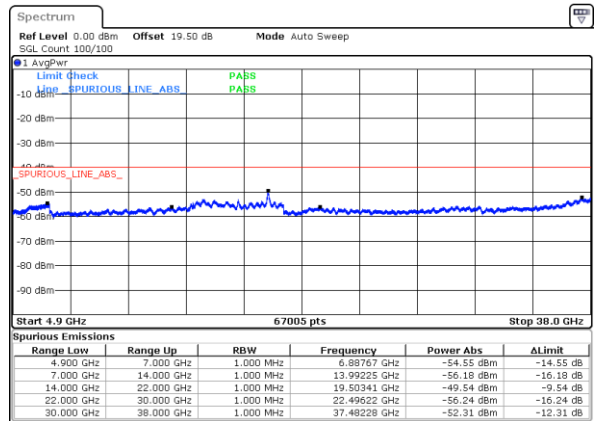


Date: 29 MAR 2024 11:52:28

Highest Channel / 1RB99 and 1RB0



Date: 28 MAR 2024 22:37:37



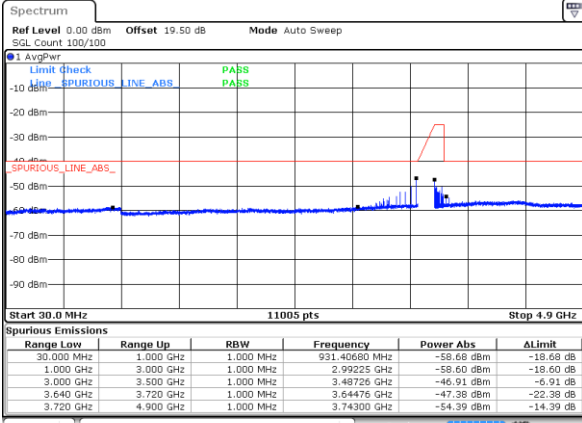
Date: 29 MAR 2024 11:55:33



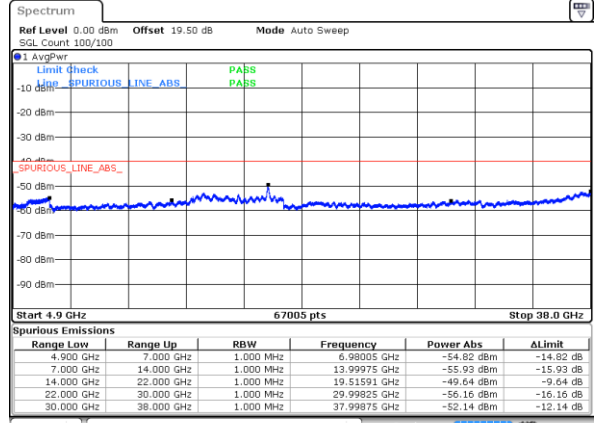
LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

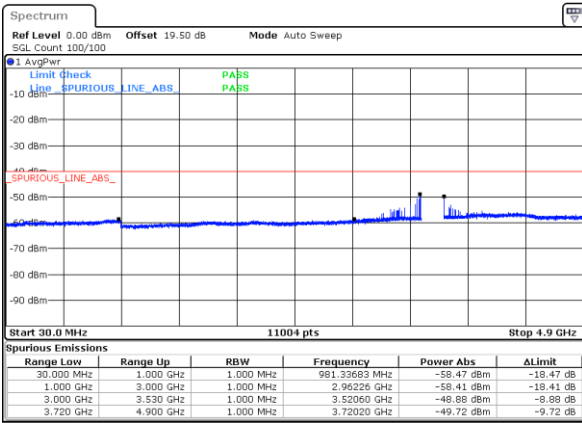


Date: 29 MAR 2024 00:22:52

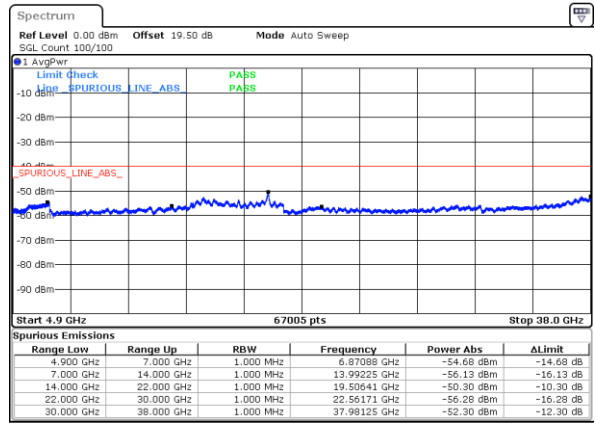


Date: 29 MAR 2024 13:07:42

Middle Channel / 1RB99 and 1RB0

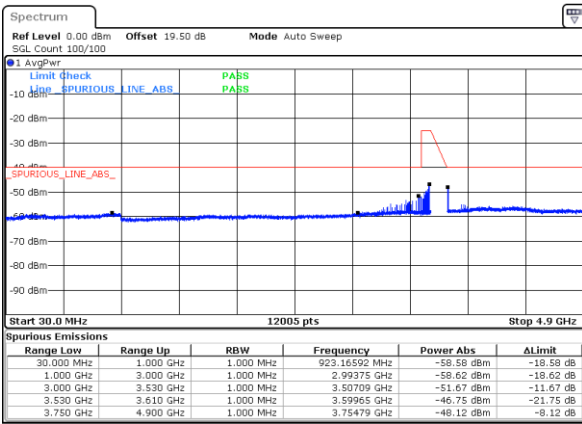


Date: 29 MAR 2024 00:12:14

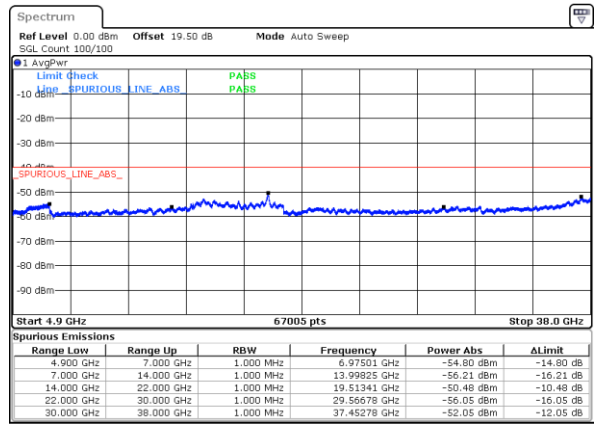


Date: 29 MAR 2024 13:10:20

Highest Channel / 1RB99 and 1RB0



Date: 29 MAR 2024 01:16:01



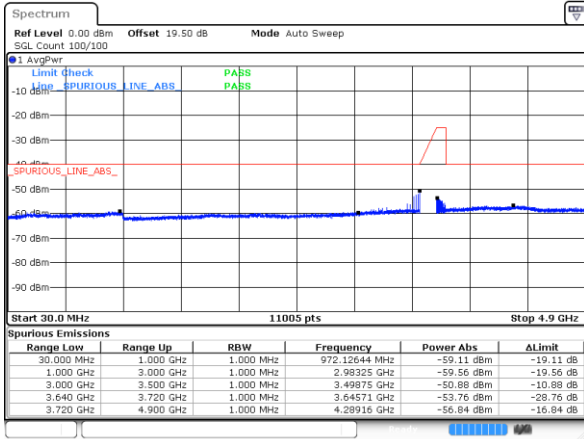
Date: 29 MAR 2024 13:16:24



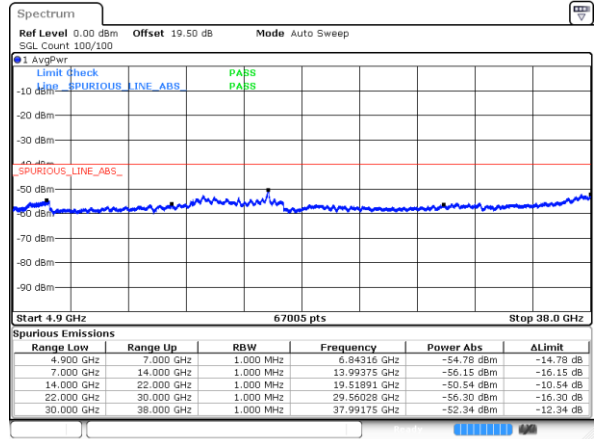
LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

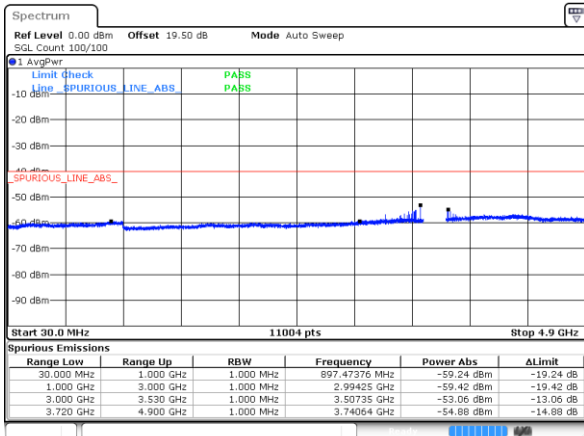


Date: 29 MAR 2024 09:40:22

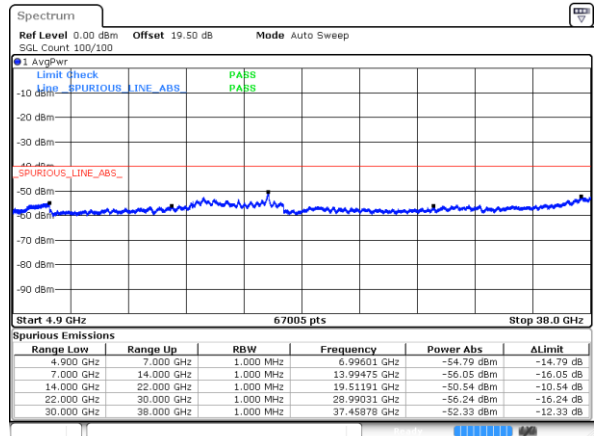


Date: 29 MAR 2024 13:25:05

Middle Channel / 1RB99 and 1RB0

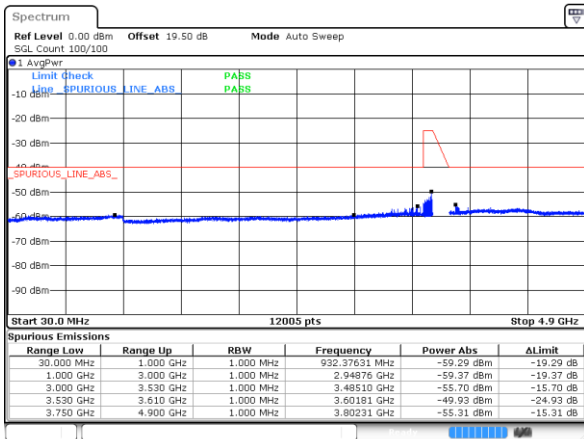


Date: 29 MAR 2024 09:30:07

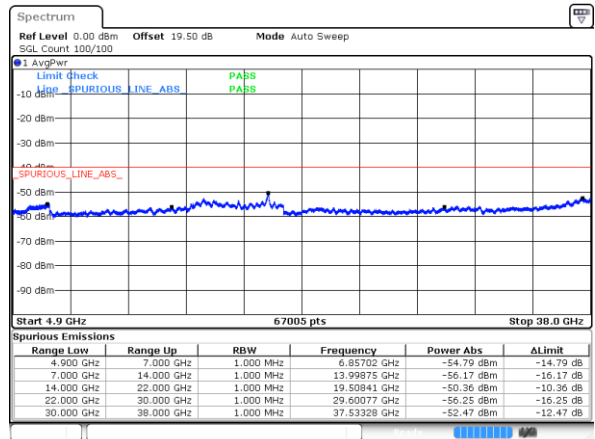


Date: 29 MAR 2024 13:26:52

Highest Channel / 1RB99 and 1RB0



Date: 29 MAR 2024 10:06:10



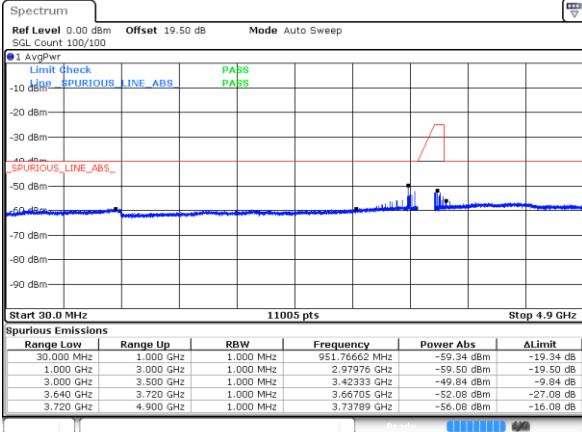
Date: 29 MAR 2024 13:28:21



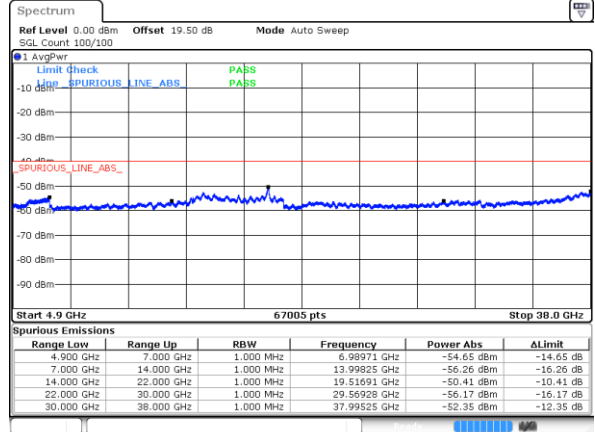
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

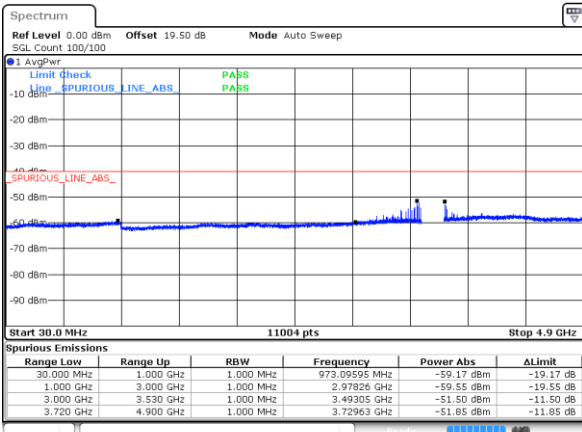


Date: 29 MAR 2024 10:30:00

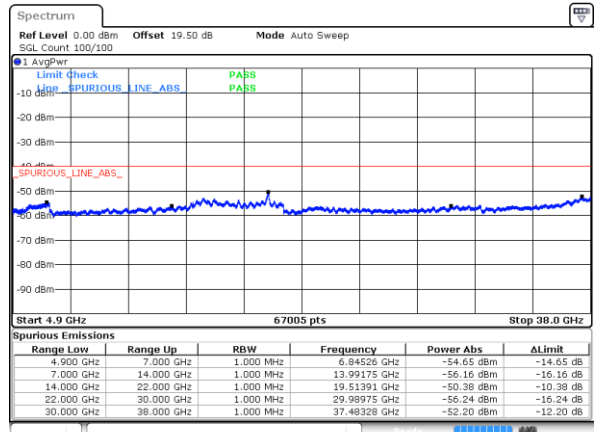


Date: 29 MAR 2024 13:29:52

Middle Channel / 1RB99 and 1RB0

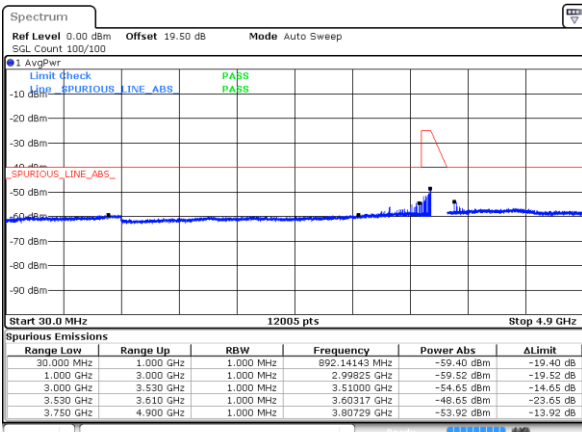


Date: 29 MAR 2024 10:20:04

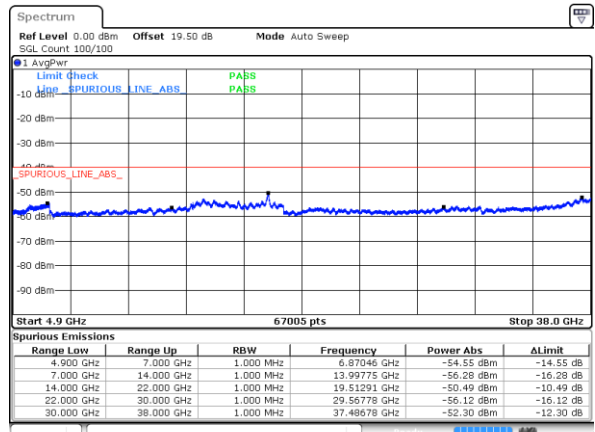


Date: 29 MAR 2024 13:31:25

Highest Channel / 1RB99 and 1RB0



Date: 29 MAR 2024 10:55:38



Date: 29 MAR 2024 13:32:59



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 / Sample 1 & Monopole Antenna									
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	-57.07	-40	-17.07	-65.26	-60.40	8.25	11.58	H
	10653.00	-55.05	-40	-15.05	-67.93	-56.60	10.45	12.00	H
	14204.00	-53.66	-40	-13.66	-69.54	-55.37	11.74	13.45	H
	7102.00	-56.23	-40	-16.23	-65.58	-59.56	8.25	11.58	V
	10653.00	-52.76	-40	-12.76	-68.1	-54.31	10.45	12.00	V
	14204.00	-54.19	-40	-14.19	-69.46	-55.90	11.74	13.45	V
Middle	7232.00	-57.10	-40	-17.10	-65.78	-60.40	8.30	11.60	H
	10848.00	-54.39	-40	-14.39	-68.10	-55.91	10.48	12.00	H
	14464.00	-53.65	-40	-13.65	-69.87	-55.35	11.80	13.50	H
	7232.00	-55.13	-40	-15.13	-65.54	-58.43	8.30	11.60	V
	10848.00	-52.68	-40	-12.68	-68.01	-54.20	10.48	12.00	V
	14464.00	-53.98	-40	-13.98	-69.79	-55.68	11.80	13.50	V
Highest	7362.00	-57.81	-40	-17.81	-66.72	-61.11	8.32	11.62	H
	11043.00	-54.22	-40	-14.22	-68.60	-55.90	10.52	12.20	H
	14724.00	-53.22	-40	-13.22	-70.06	-54.92	11.85	13.55	H
	7362.00	-57.88	-40	-17.88	-67.15	-61.18	8.32	11.62	V
	11043.00	-53.08	-40	-13.08	-68.81	-54.76	10.52	12.20	V
	14724.00	-52.54	-40	-12.54	-69.47	-54.24	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 / Sample 1 & Monopole Antenna									
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	-57.07	-40	-17.07	-65.40	-60.40	8.25	11.58	H
	10709.70	-54.36	-40	-14.36	-67.47	-55.91	10.45	12.00	H
	14279.60	-52.99	-40	-12.99	-68.96	-54.70	11.74	13.45	H
	7139.80	-55.49	-40	-15.49	-65.3	-58.82	8.25	11.58	V
	10709.70	-52.10	-40	-12.10	-67.71	-53.65	10.45	12.00	V
	14279.60	-53.49	-40	-13.49	-68.90	-55.20	11.74	13.45	V
Middle	7250.00	-57.18	-40	-17.18	-65.89	-60.48	8.30	11.60	H
	10875.00	-53.23	-40	-13.23	-67.09	-54.75	10.48	12.00	H
	14500.00	-53.22	-40	-13.22	-69.49	-54.92	11.80	13.50	H
	7250.00	-55.28	-40	-15.28	-65.53	-58.58	8.30	11.60	V
	10875.00	-52.05	-40	-12.05	-67.56	-53.57	10.48	12.00	V
	14500.00	-53.70	-40	-13.70	-69.58	-55.40	11.80	13.50	V
Highest	7360.20	-57.17	-40	-17.17	-66.08	-60.47	8.32	11.62	H
	11040.30	-53.65	-40	-13.65	-68.03	-55.33	10.52	12.20	H
	14720.40	-52.73	-40	-12.73	-69.57	-54.43	11.85	13.55	H
	7360.20	-56.87	-40	-16.87	-66.14	-60.17	8.32	11.62	V
	11040.30	-52.29	-40	-12.29	-68.02	-53.97	10.52	12.20	V
	14720.40	-52.73	-40	-12.73	-69.66	-54.43	11.85	13.55	V

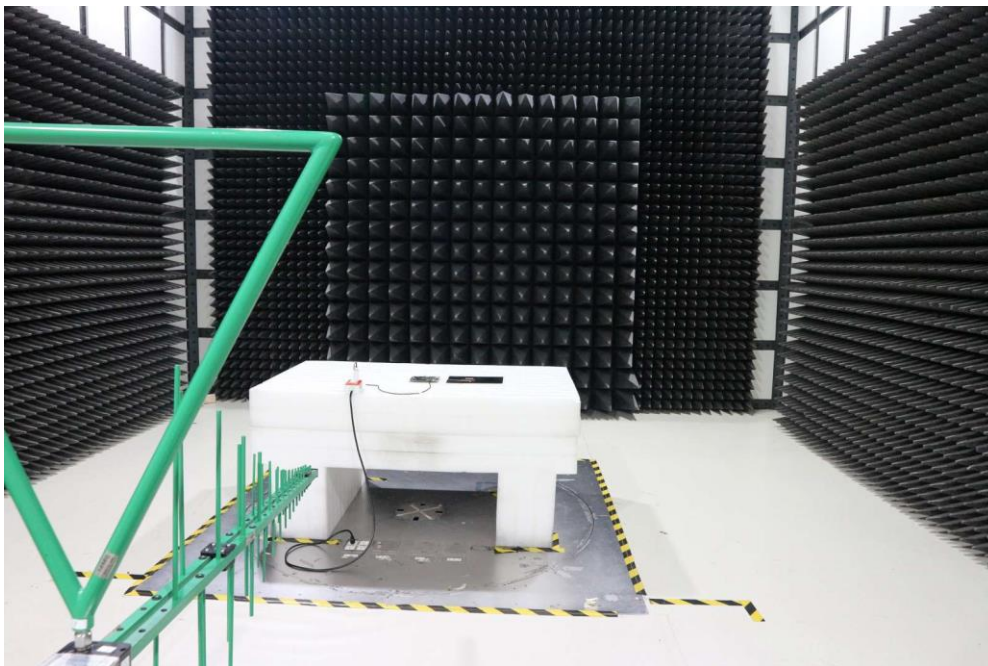
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

Appendix C. Setup Photographs

<Radiated Emission>

X Plane

LF



HF

