

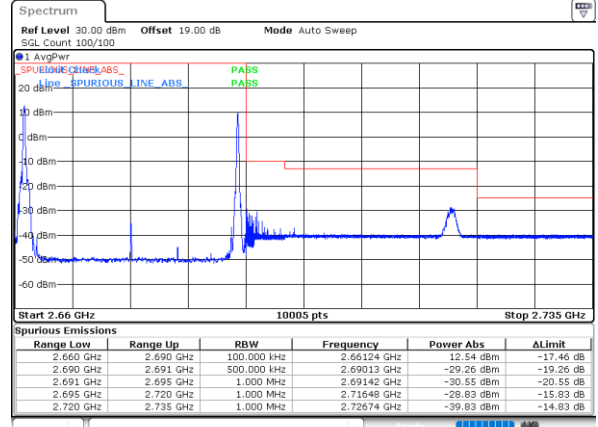
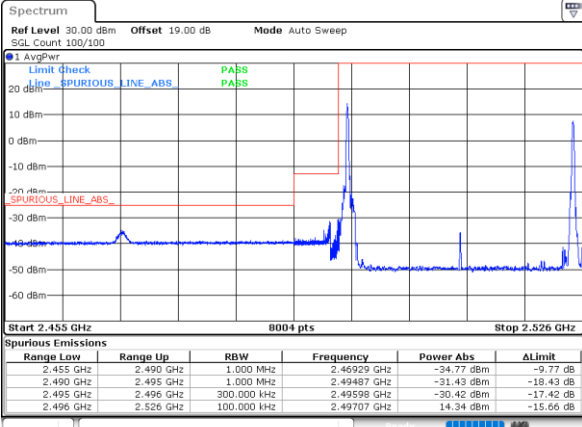


LTE Band 41C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

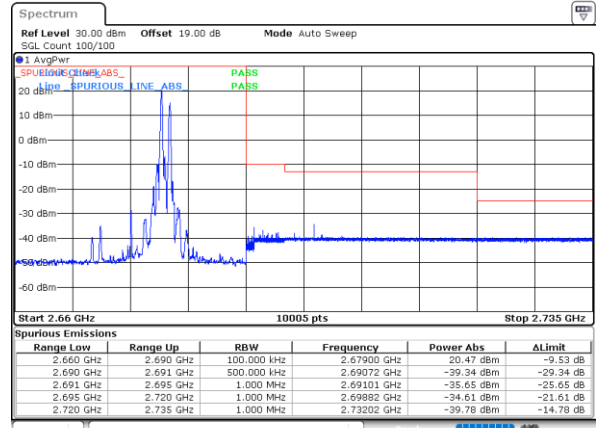
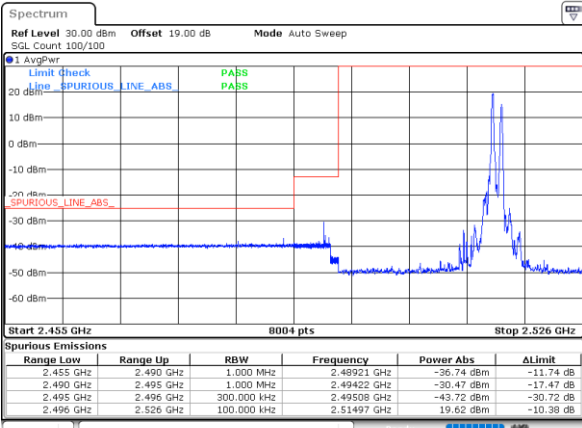


Date: 30_JAN_2024 01:34:43

Date: 30_JAN_2024 01:46:52

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

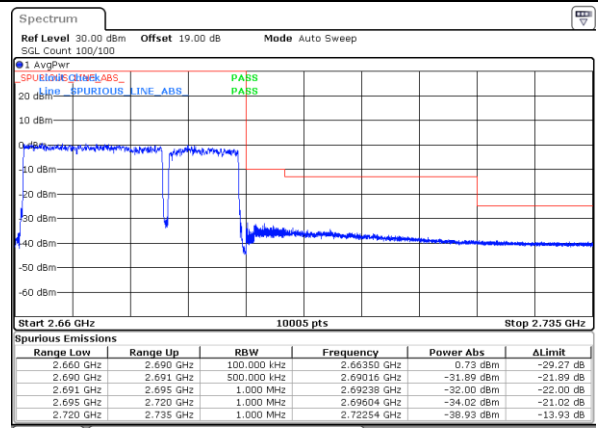
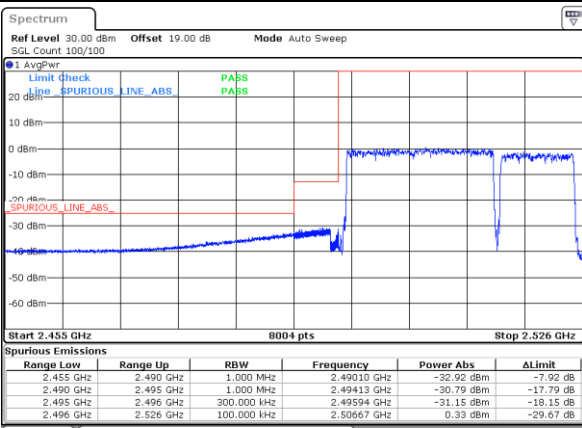


Date: 30_JAN_2024 01:33:37

Date: 30_JAN_2024 01:47:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_JAN_2024 01:40:13

Date: 30_JAN_2024 01:41:23

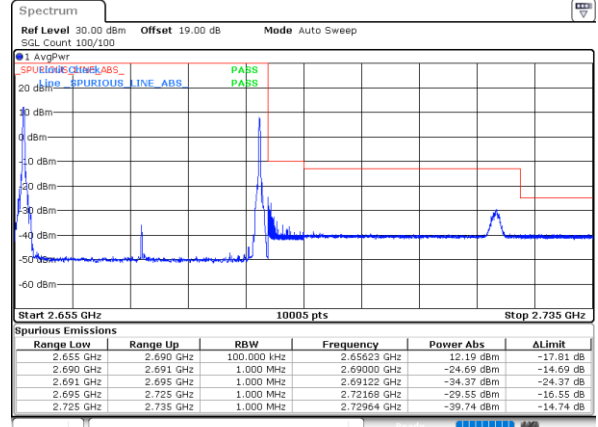
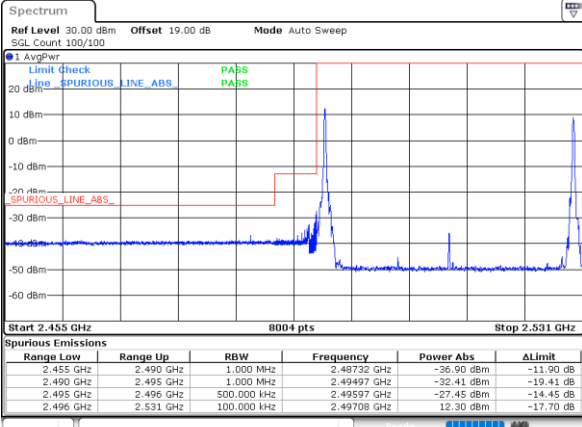


LTE Band 41C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

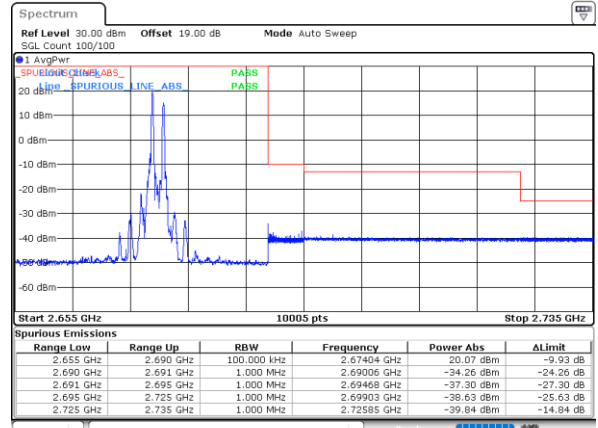
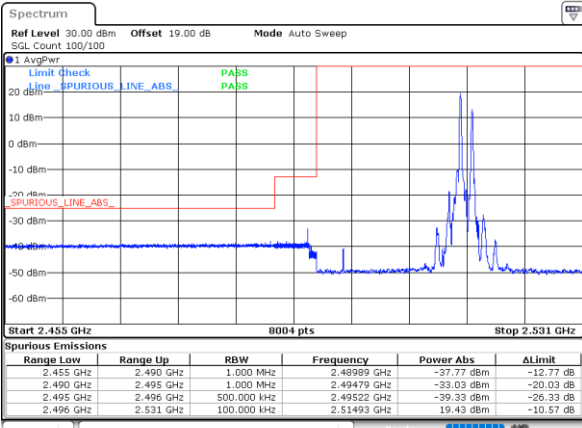


Date: 30_JAN_2024 20:35:19

Date: 30_JAN_2024 20:48:44

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

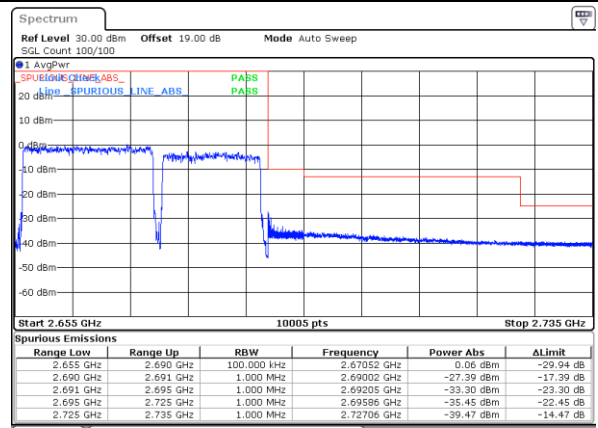
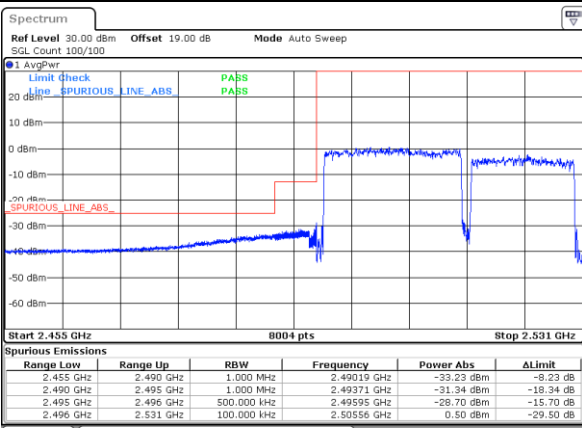


Date: 30_JAN_2024 20:34:05

Date: 30_JAN_2024 20:49:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_JAN_2024 20:41:26

Date: 30_JAN_2024 20:42:42

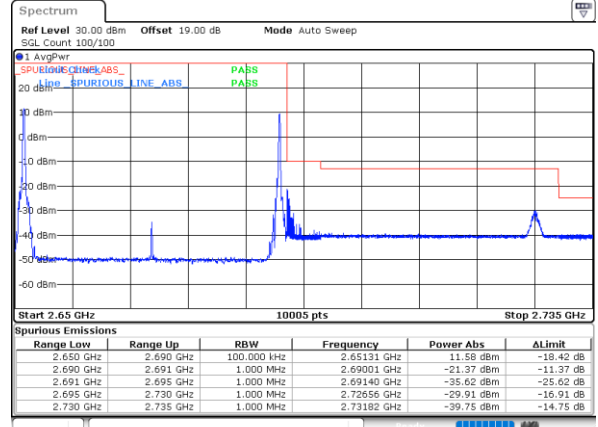
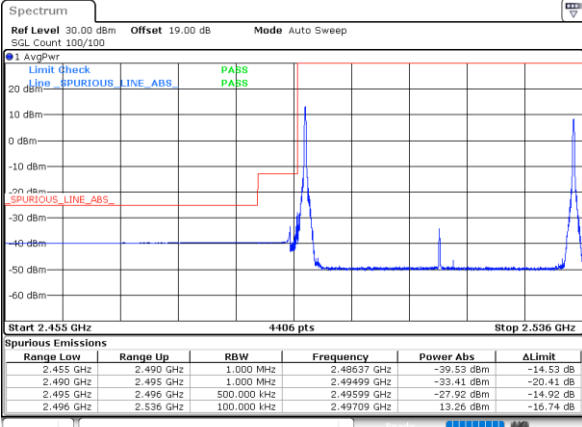


LTE Band 41C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

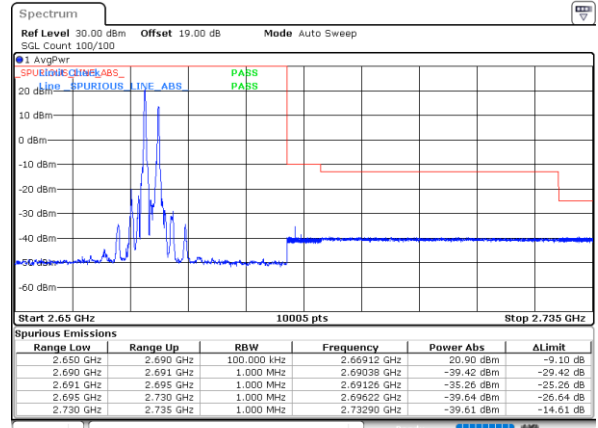
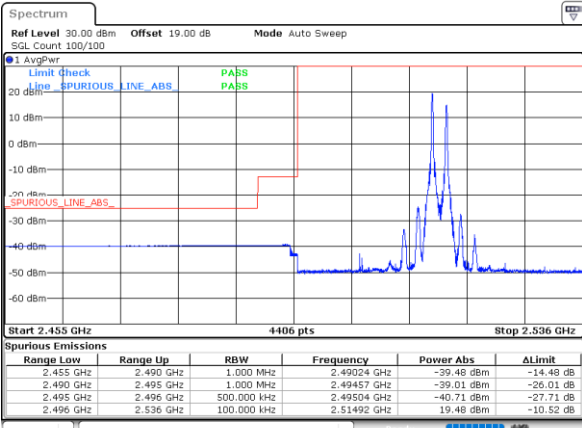


Date: 30_JAN.2024 21:03:13

Date: 30_JAN.2024 21:15:38

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

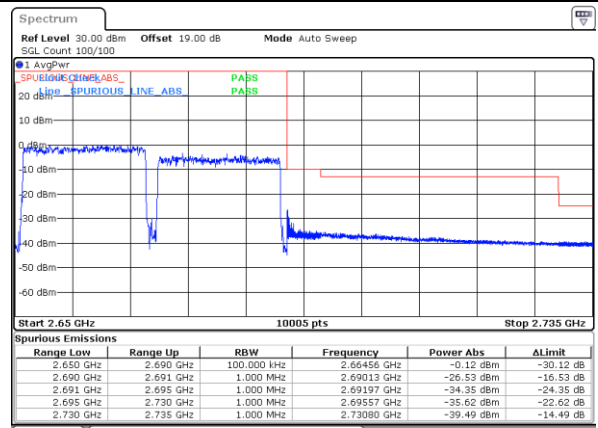
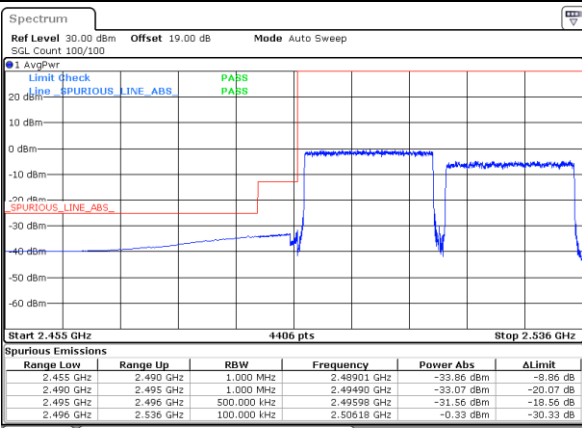


Date: 30_JAN.2024 21:02:05

Date: 30_JAN.2024 21:16:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_JAN.2024 21:08:50

Date: 30_JAN.2024 21:10:01



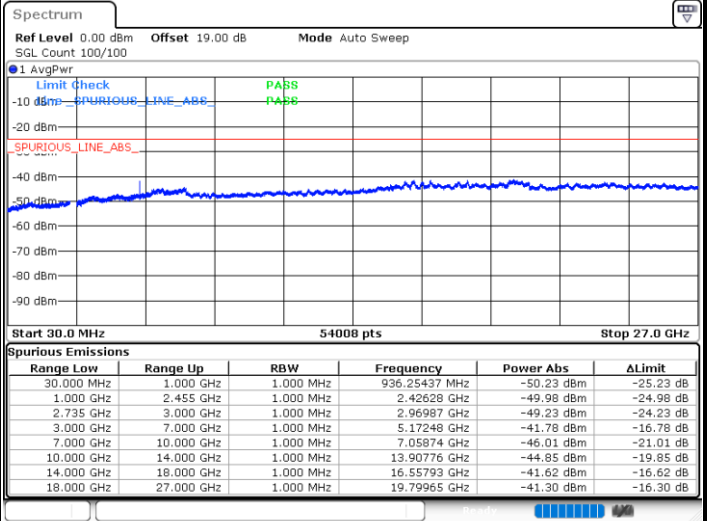
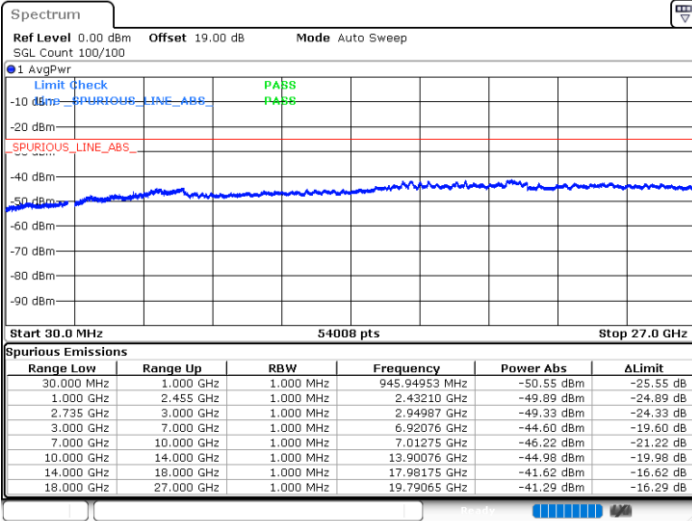
Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

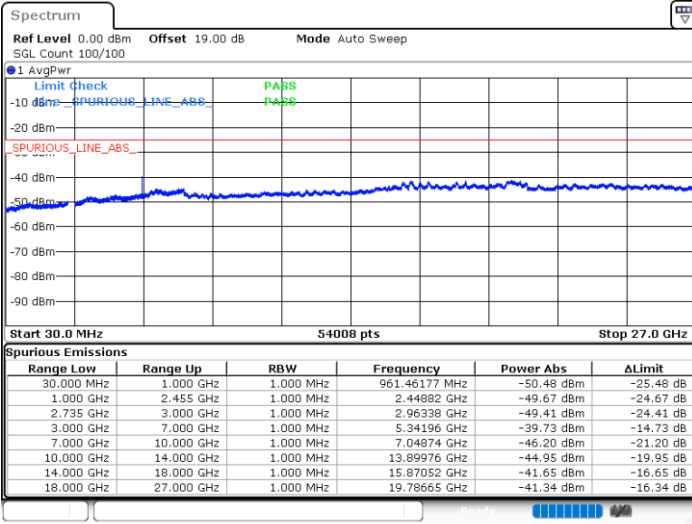


Date: 25.JAN.2024 22:19:11

Date: 25.JAN.2024 22:17:40

Highest Channel / 1RB24 and 1RB0

NA



Date: 25.JAN.2024 22:42:13

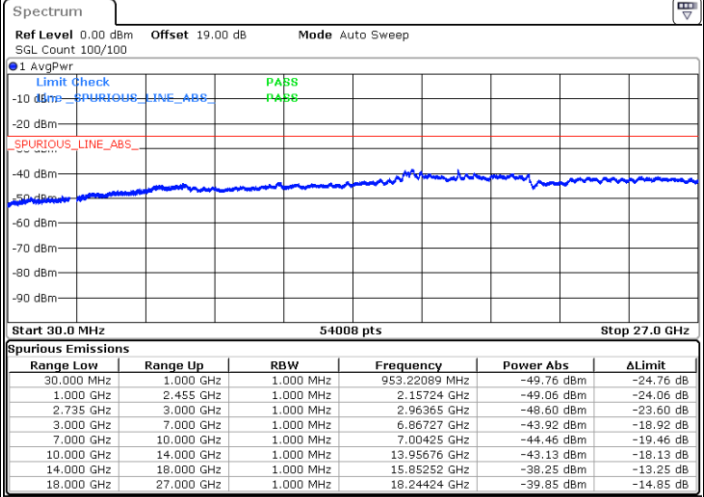
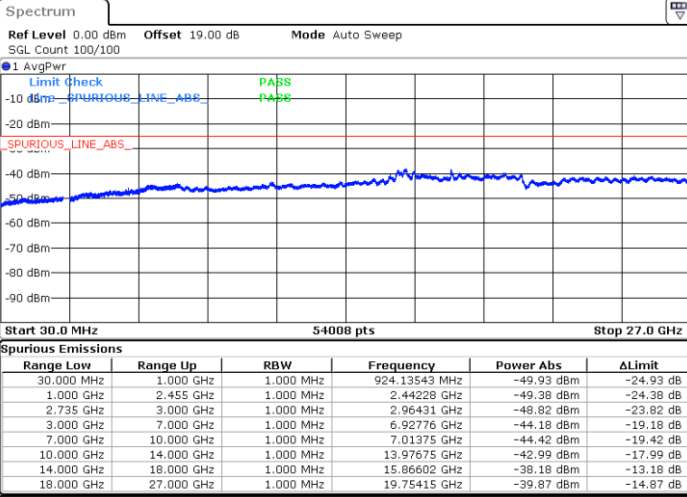


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

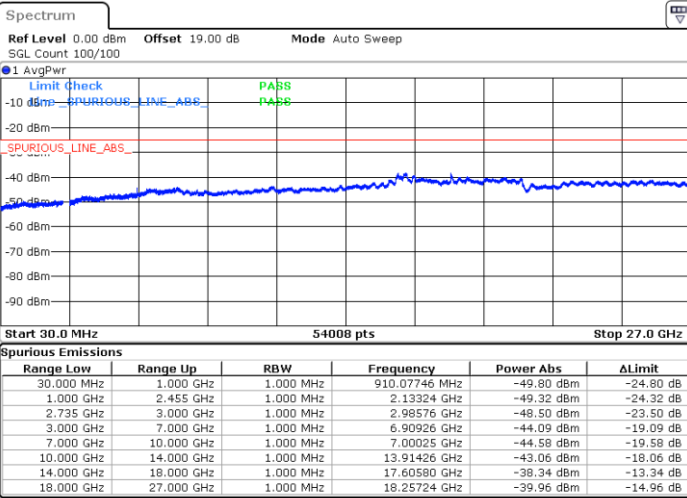


Date: 30.JAN.2024 00:03:11

Date: 30.JAN.2024 00:01:38

Highest Channel / 1RB49 and 1RB0

NA



Date: 30.JAN.2024 00:26:19

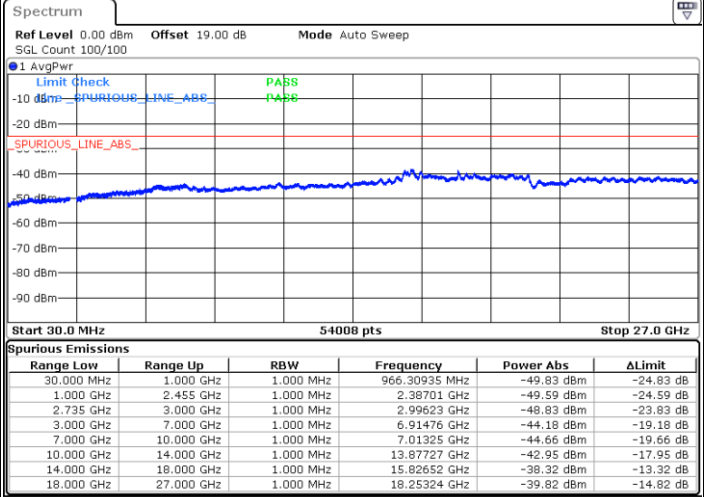
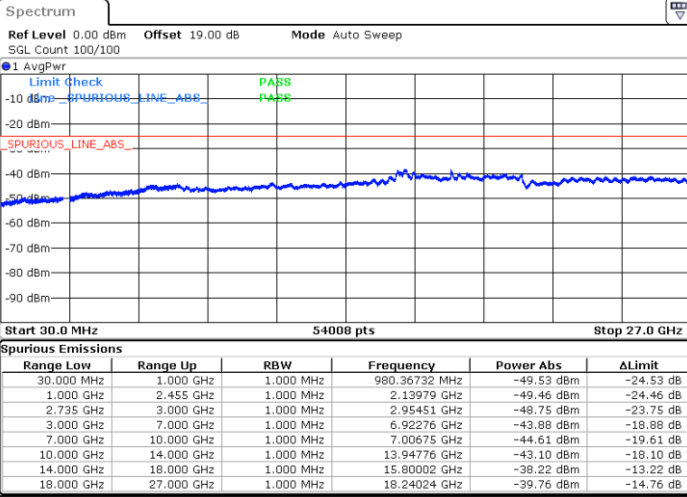


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

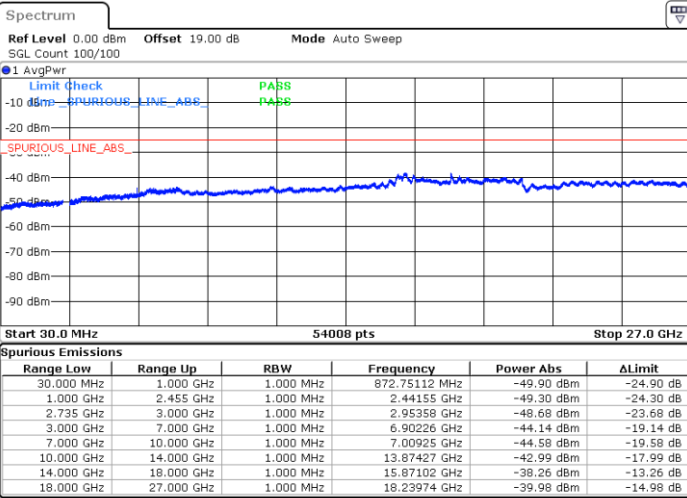


Date: 30.JAN.2024 01:00:41

Date: 30.JAN.2024 00:59:09

Highest Channel / 1RB49 and 1RB0

NA



Date: 30.JAN.2024 01:24:05

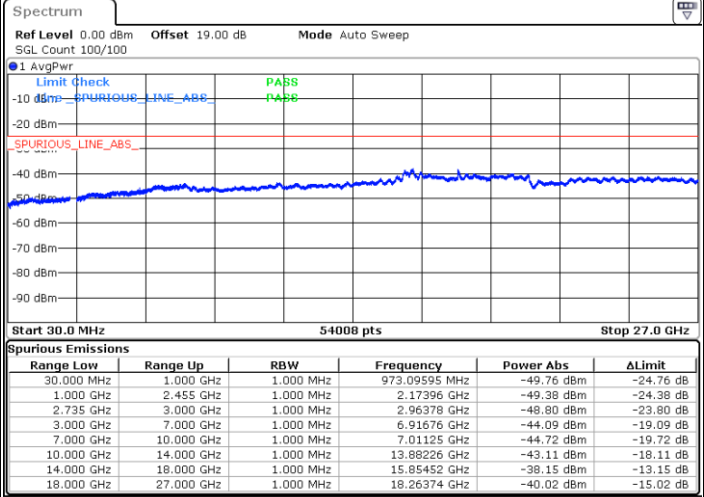
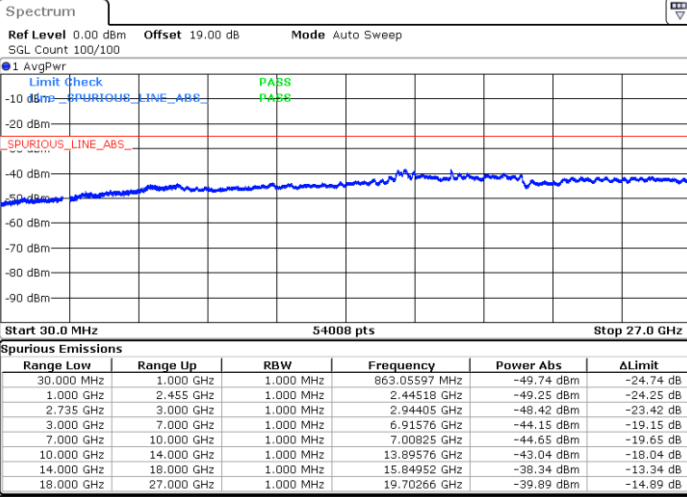


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

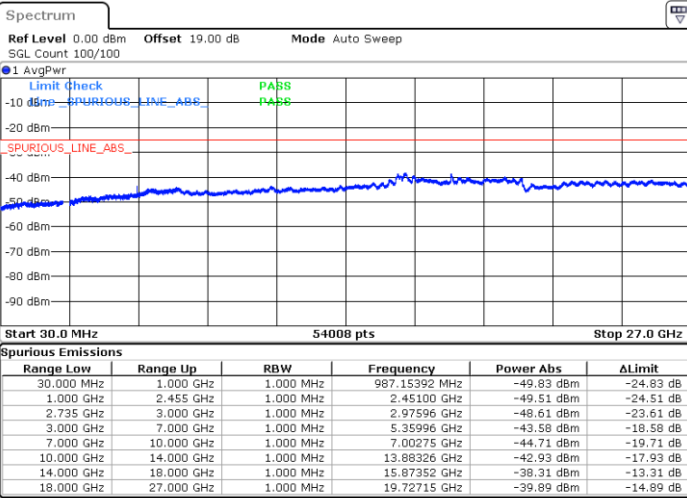


Date: 30.JAN.2024 00:31:50

Date: 30.JAN.2024 00:30:17

Highest Channel / 1RB74 and 1RB0

NA



Date: 30.JAN.2024 00:55:12

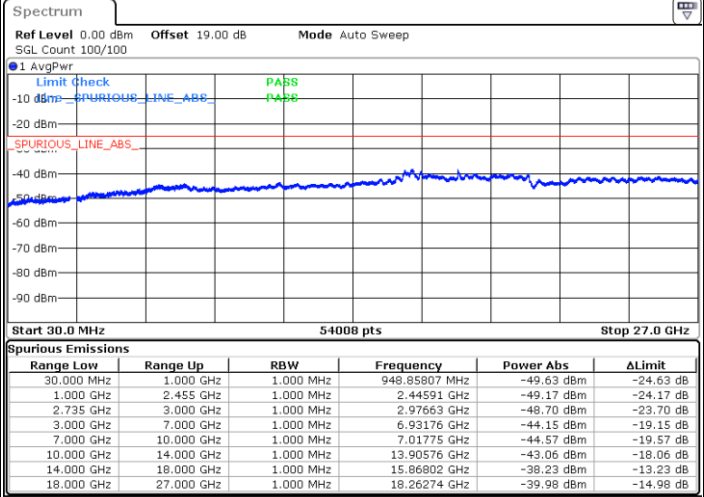
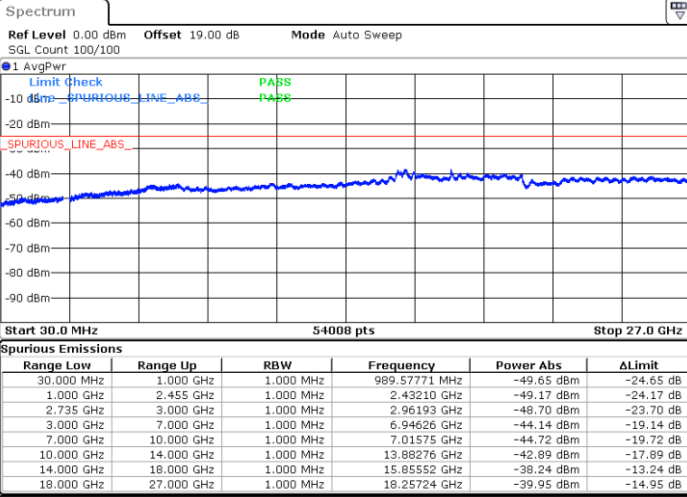


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

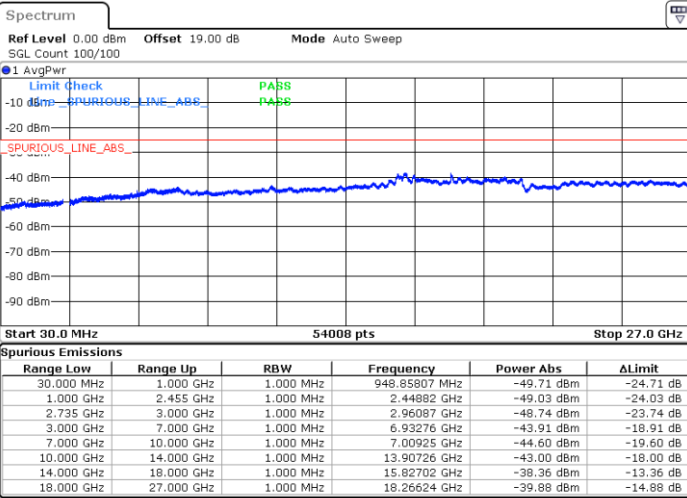


Date: 30.JAN.2024 19:34:42

Date: 30.JAN.2024 19:33:16

Highest Channel / 1RB74 and 1RB0

NA



Date: 30.JAN.2024 19:56:15

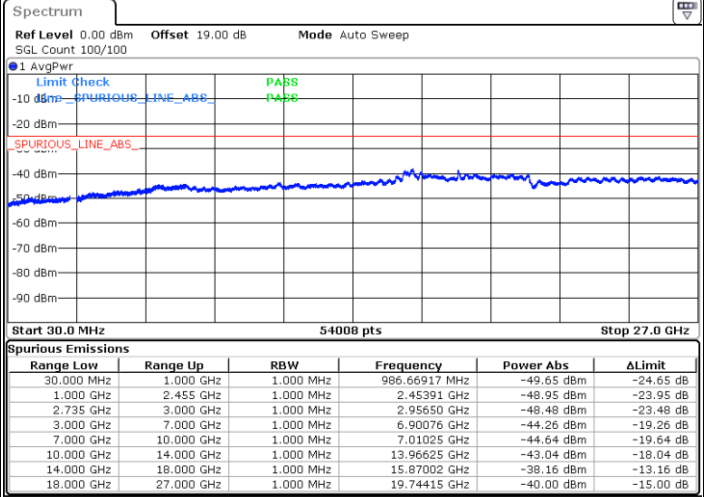
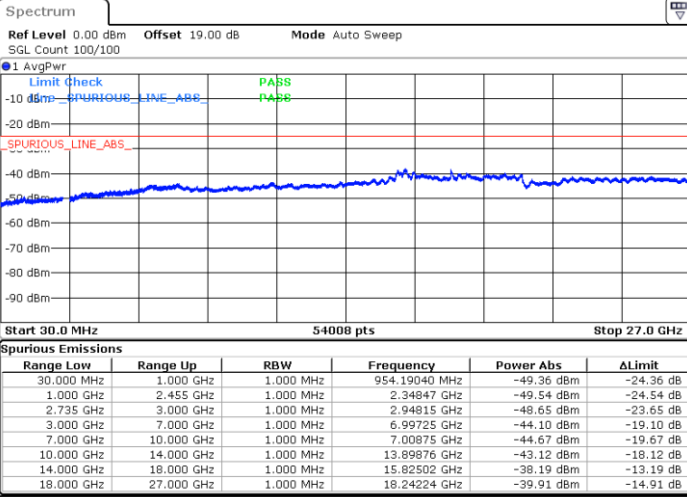


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

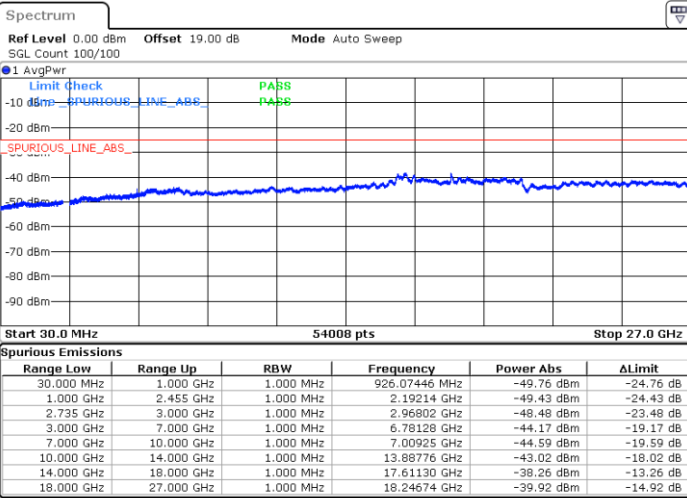


Date: 30.JAN.2024 20:01:45

Date: 30.JAN.2024 20:00:13

Highest Channel / 1RB74 and 1RB0

NA



Date: 30.JAN.2024 20:24:58

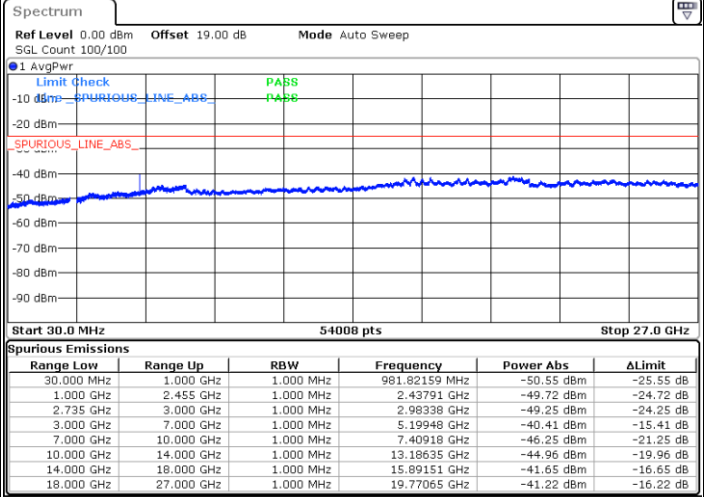
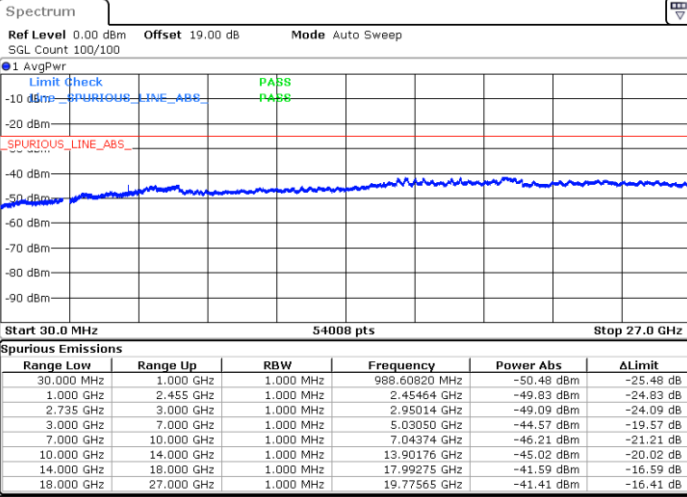


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

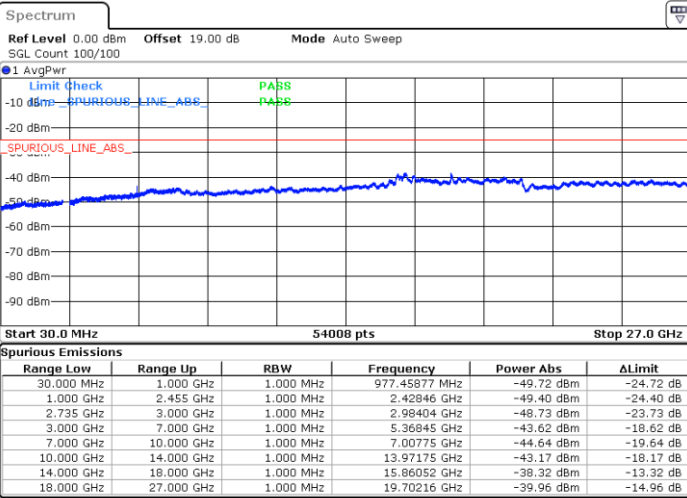


Date: 25.JAN.2024 22:47:46

Date: 25.JAN.2024 22:46:15

Highest Channel / 1RB99 and 1RB0

NA



Date: 30.JAN.2024 19:29:44

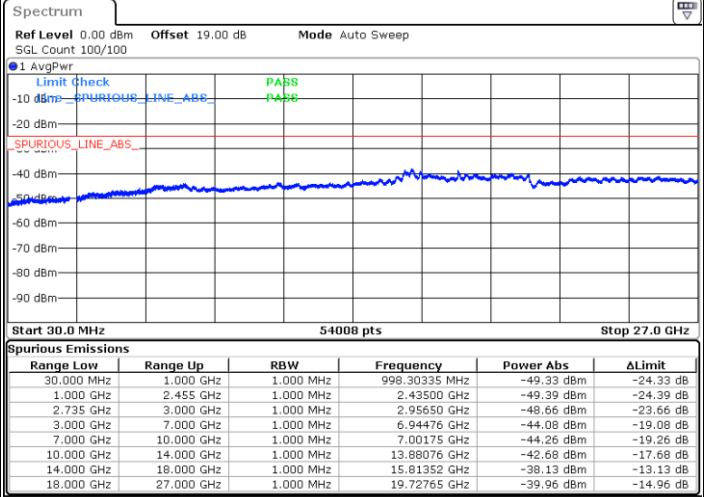
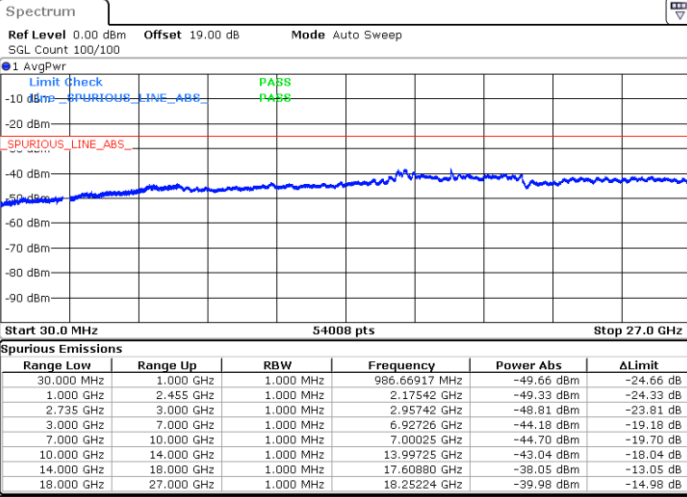


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

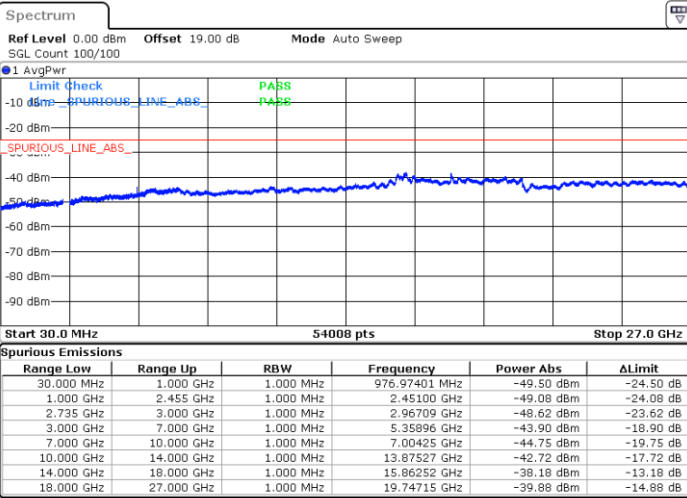


Date: 30.JAN.2024 01:30:18

Date: 30.JAN.2024 01:28:46

Highest Channel / 1RB99 and 1RB0

NA



Date: 30.JAN.2024 01:51:35

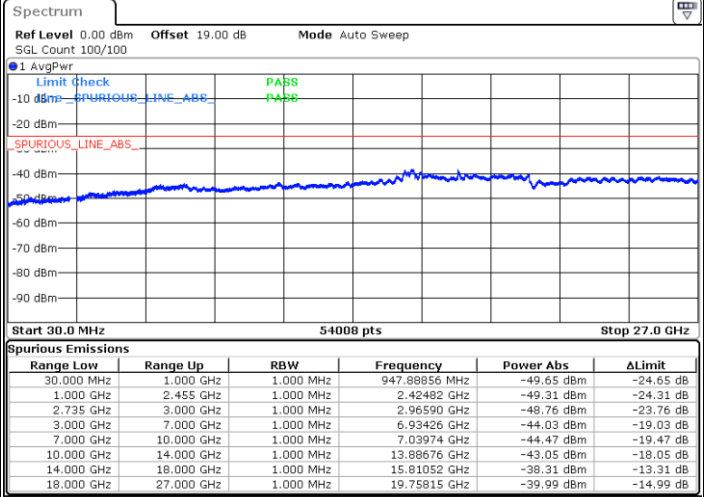
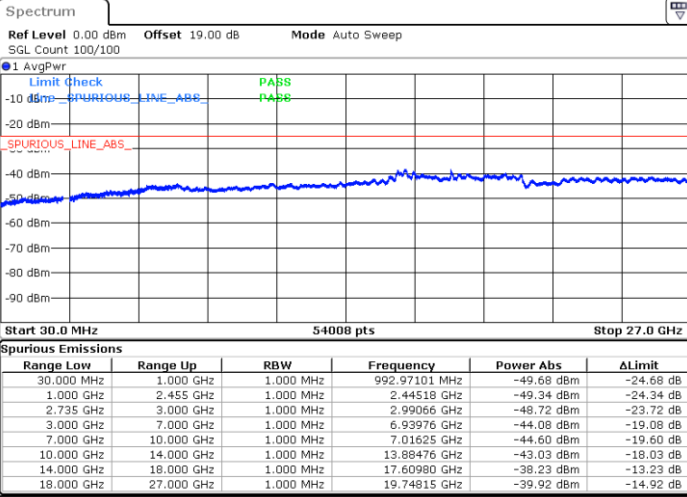


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

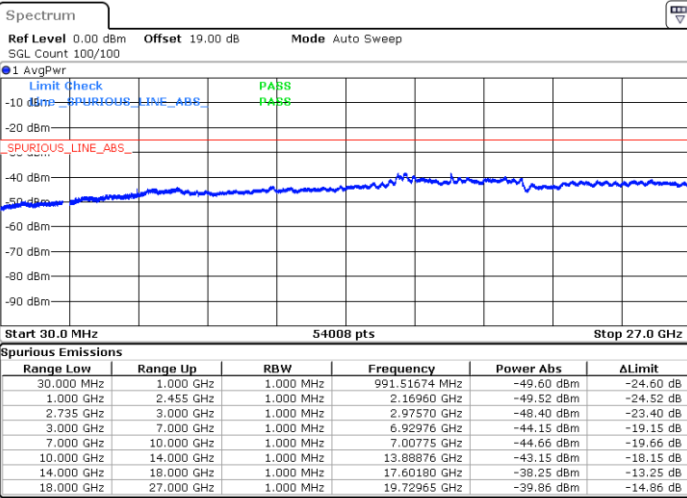


Date: 30.JAN.2024 20:30:27

Date: 30.JAN.2024 20:28:55

Highest Channel / 1RB99 and 1RB0

NA



Date: 30.JAN.2024 20:53:44

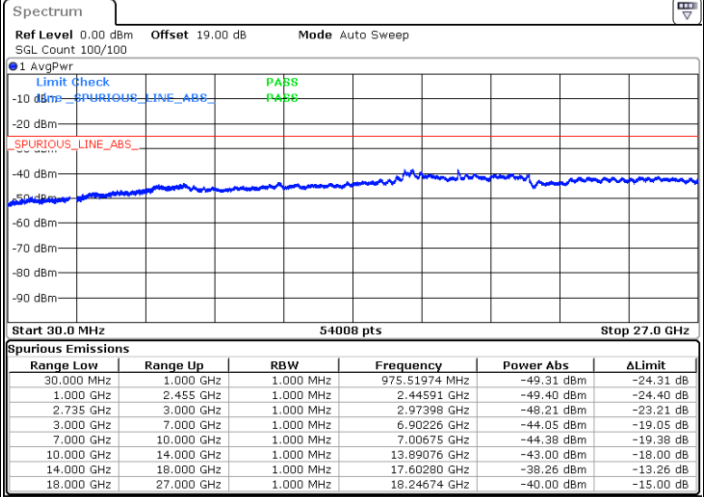
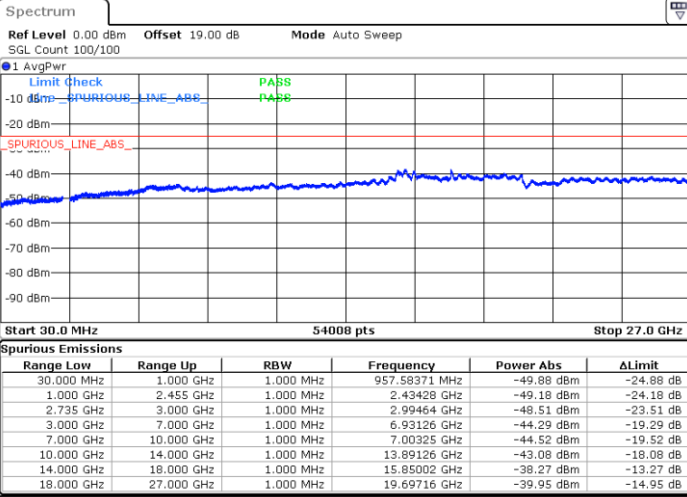


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

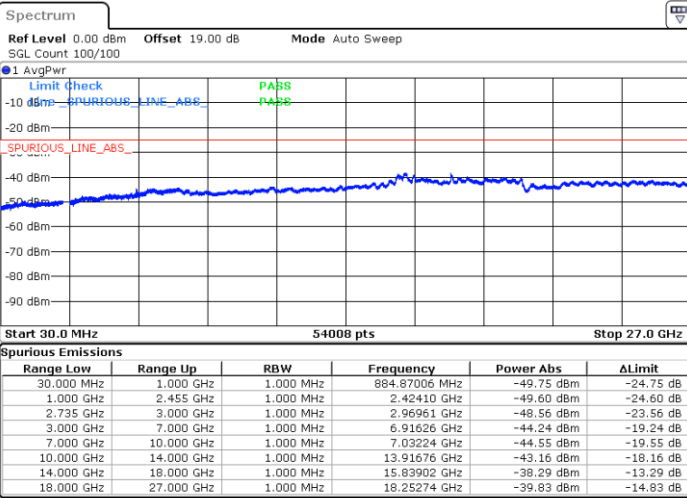


Date: 30.JAN.2024 20:58:42

Date: 30.JAN.2024 20:57:16

Highest Channel / 1RB99 and 1RB0

NA



Date: 30.JAN.2024 21:20:16



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

RSE pretest all the supported antennas, only the worst results are shown in the report.

LTE Band 7 / 20MHz / QPSK / Ant.1									
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	5002.18	-57.70	-25	-32.70	-81.35	-63.26	7.12	12.68	H
	7503.27	-46.99	-25	-21.99	-73.93	-50.32	8.26	11.59	H
	10004.36	-52.76	-25	-27.76	-83.58	-54.29	10.45	11.98	H
	5002.18	-56.09	-25	-31.09	-81.42	-61.65	7.12	12.68	V
	7503.27	-46.27	-25	-21.27	-73.2	-49.60	8.26	11.59	V
	10004.36	-52.10	-25	-27.10	-83.56	-53.63	10.45	11.98	V
Middle	5052.18	-58.18	-25	-33.18	-82.13	-63.74	7.14	12.70	H
	7578.27	-50.44	-25	-25.44	-77.14	-53.74	8.30	11.60	H
	10104.36	-52.11	-25	-27.11	-83.05	-53.63	10.48	12.00	H
	5052.18	-56.75	-25	-31.75	-82.03	-62.31	7.14	12.70	V
	7578.27	-50.86	-25	-25.86	-77.56	-54.16	8.30	11.60	V
	10104.36	-51.05	-25	-26.05	-82.97	-52.57	10.48	12.00	V
Highest	5102.18	-57.69	-25	-32.69	-81.93	-63.25	7.16	12.72	H
	7653.27	-50.44	-25	-25.44	-76.94	-53.74	8.33	11.63	H
	10204.36	-52.06	-25	-27.06	-83.10	-53.66	10.50	12.10	H
	5102.18	-56.79	-25	-31.79	-82.01	-62.35	7.16	12.72	V
	7653.27	-49.75	-25	-24.75	-77.28	-53.05	8.33	11.63	V
	10204.36	-50.69	-25	-25.69	-83	-52.29	10.50	12.10	V

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



LTE Band 12 / 10MHz / QPSK / Ant.0									
Channel	Frequency (MHz)	ERP (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	1399	-64.23	-13	-51.23	-75.50	-67.46	3.98	9.36	H
	2098.5	-59.00	-13	-46.00	-77.15	-62.55	4.85	10.55	H
	2798	-58.42	-13	-45.42	-77.80	-63.35	5.50	12.58	H
	1399	-63.15	-13	-50.15	-75.45	-66.38	3.98	9.36	V
	2098.5	-59.19	-13	-46.19	-77.13	-62.74	4.85	10.55	V
	2798	-57.34	-13	-44.34	-77.48	-62.27	5.50	12.58	V
Middle	1406	-64.41	-13	-51.41	-75.67	-67.66	4.00	9.40	H
	2109	-58.71	-13	-45.71	-76.86	-62.28	4.88	10.60	H
	2812	-58.27	-13	-45.27	-77.71	-63.20	5.52	12.60	H
	1406	-63.39	-13	-50.39	-75.71	-66.64	4.00	9.40	V
	2109	-59.23	-13	-46.23	-77.17	-62.80	4.88	10.60	V
	2812	-57.60	-13	-44.60	-77.85	-62.53	5.52	12.60	V
Highest	1413	-64.07	-13	-51.07	-75.33	-67.24	4.10	9.42	H
	2119.5	-58.72	-13	-45.72	-76.95	-62.30	4.90	10.63	H
	2826	-58.22	-13	-45.22	-77.65	-63.14	5.55	12.62	H
	1413	-63.35	-13	-50.35	-75.67	-66.52	4.10	9.42	V
	2119.5	-59.09	-13	-46.09	-77.09	-62.67	4.90	10.63	V
	2826	-57.71	-13	-44.71	-77.95	-62.63	5.55	12.62	V

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

LTE Band 13 / 5MHz / QPSK / Ant.0									
Channel	Frequency (MHz)	ERP (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	1554.5	-63.37	-13	-50.37	-75.15	-66.60	3.98	9.36	H
	2331.75	-58.57	-13	-45.57	-77.19	-62.12	4.85	10.55	H
	3109	-57.25	-13	-44.25	-77.53	-62.18	5.50	12.58	H
	1554.5	-63.13	-13	-50.13	-75.53	-66.36	3.98	9.36	V
	2331.75	-58.02	-13	-45.02	-76.92	-61.57	4.85	10.55	V
	3109	-55.60	-13	-42.60	-77.61	-60.53	5.50	12.58	V
Middle	1559.5	-63.92	-42.15	-21.77	-75.70	-67.17	4.00	9.40	H
	2339.25	-58.68	-13	-45.68	-77.29	-62.25	4.88	10.60	H
	3119	-57.11	-13	-44.11	-77.43	-62.04	5.52	12.60	H
	1559.5	-63.30	-42.15	-21.15	-75.70	-66.55	4.00	9.40	V
	2339.25	-58.21	-13	-45.21	-77.19	-61.78	4.88	10.60	V
	3119	-55.58	-13	-42.58	-77.70	-60.51	5.52	12.60	V
Highest	1564.5	-64.11	-42.15	-21.96	-75.89	-67.28	4.10	9.42	H
	2346.75	-58.87	-13	-45.87	-77.48	-62.45	4.90	10.63	H
	3129	-57.10	-13	-44.10	-77.42	-62.02	5.55	12.62	H
	1564.5	-63.31	-42.15	-21.16	-75.71	-66.48	4.10	9.42	V
	2346.75	-58.31	-13	-45.31	-77.29	-61.89	4.90	10.63	V
	3129	-55.50	-13	-42.50	-77.62	-60.42	5.55	12.62	V

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



LTE Band 13 / 10MHz / 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	1559.5	-63.73	-42.15	-21.58	-75.51	-66.98	4.00	9.40	H
	2339.25	-58.67	-13	-45.67	-77.28	-62.24	4.88	10.60	H
	3119	-57.02	-13	-44.02	-77.34	-61.95	5.52	12.60	H
	1559.5	-63.20	-42.15	-21.05	-75.60	-66.45	4.00	9.40	V
	2339.25	-57.97	-13	-44.97	-76.95	-61.54	4.88	10.60	V
	3119	-55.37	-13	-42.37	-77.49	-60.30	5.52	12.60	V

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

LTE Band 41 /20MHz / QPSK / Ant.6									
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	4994.18	-57.52	-25	-32.52	-81.17	-63.08	7.12	12.68	H
	7491.27	-35.17	-25	-10.17	-62.17	-38.50	8.26	11.59	H
	9988.36	-52.60	-25	-27.60	-83.37	-54.13	10.45	11.98	H
	4994.18	-55.12	-25	-30.12	-80.45	-60.68	7.12	12.68	V
	7491.27	-40.26	-25	-15.26	-67.25	-43.59	8.26	11.59	V
	9988.36	-51.92	-25	-26.92	-83.27	-53.45	10.45	11.98	V
Middle	5168.00	-56.87	-25	-31.87	-81.54	-62.43	7.14	12.70	H
	7752.00	-29.56	-25	-4.56	-55.79	-32.86	8.30	11.60	H
	10336.00	-52.02	-25	-27.02	-83.21	-53.54	10.48	12.00	H
	5168.00	-55.65	-25	-30.65	-80.82	-61.21	7.14	12.70	V
	7752.00	-35.45	-25	-10.45	-64.77	-38.75	8.30	11.60	V
	10336.00	-50.28	-25	-25.28	-83.22	-51.80	10.48	12.00	V
Highest	5342.00	-56.53	-25	-31.53	-81.70	-62.09	7.16	12.72	H
	8013.00	-42.25	-25	-17.25	-69.23	-45.55	8.33	11.63	H
	10684.00	-50.77	-25	-25.77	-83.00	-52.37	10.50	12.10	H
	5342.00	-55.93	-25	-30.93	-80.62	-61.49	7.16	12.72	V
	8013.00	-39.06	-25	-14.06	-68.33	-42.36	8.33	11.63	V
	10684.00	-48.27	-25	-23.27	-82.99	-49.87	10.50	12.10	V

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



CA_41C / 20MHz + 20MHz / QPSK / Ant.6									
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	5031.8	-58.48	-25	-33.48	-82.34	-64.16	7.10	12.78	H
	7547.7	-38.64	-25	-13.64	-65.46	-41.72	8.48	11.56	H
	10063.6	-52.45	-25	-27.45	-83.33	-53.80	10.65	12.00	H
	5031.8	-56.84	-25	-31.84	-82.15	-62.52	7.10	12.78	V
	7547.7	-40.67	-25	-15.67	-67.48	-43.75	8.48	11.56	V
	10063.6	-51.93	-25	-26.93	-83.62	-53.28	10.65	12.00	V
Middle	5186.00	-57.15	-25	-32.15	-81.91	-62.71	7.14	12.70	H
	7779.00	-35.82	-25	-10.82	-61.97	-39.12	8.30	11.60	H
	10372.00	-52.22	-25	-27.22	-83.45	-53.74	10.48	12.00	H
	5186.00	-56.70	-25	-31.70	-81.85	-62.26	7.14	12.70	V
	7779.00	-36.21	-25	-11.21	-66.13	-39.51	8.30	11.60	V
	10372.00	-50.47	-25	-25.47	-83.56	-51.99	10.48	12.00	V
Highest	5342.18	-56.76	-25	-31.76	-81.93	-62.40	7.18	12.82	H
	8013.27	-41.93	-25	-16.93	-68.91	-45.02	8.54	11.63	H
	10684.36	-51.09	-25	-26.09	-83.32	-52.44	10.70	12.05	H
	5342.18	-57.26	-25	-32.26	-81.95	-62.9	7.18	12.82	V
	8013.27	-42.13	-25	-17.13	-71.4	-45.22	8.54	11.63	V
	10684.36	-48.60	-25	-23.60	-83.32	-49.95	10.70	12.05	V

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

LTE Band 71 / 20MHz / QPSK / Ant.0									
Channel	Frequency (MHz)	ERP (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	1328	-64.17	-13	-51.17	-75.19	-67.42	4.00	9.40	H
	1992	-59.27	-13	-46.27	-76.65	-62.84	4.88	10.60	H
	2656	-57.81	-13	-44.81	-77.51	-62.74	5.52	12.60	H
	1328	-63.34	-13	-50.34	-75.29	-66.59	4.00	9.40	V
	1992	-59.37	-13	-46.37	-76.70	-62.94	4.88	10.60	V
	2656	-57.35	-13	-44.35	-77.43	-62.28	5.52	12.60	V
Middle	1343	-64.35	-13	-51.35	-75.36	-67.60	4.00	9.40	H
	2014.5	-59.18	-13	-46.18	-76.89	-62.75	4.88	10.60	H
	2686	-58.06	-13	-45.06	-77.69	-62.99	5.52	12.60	H
	1343	-63.34	-13	-50.34	-75.30	-66.59	4.00	9.40	V
	2014.5	-59.06	-13	-46.06	-76.66	-62.63	4.88	10.60	V
	2686	-57.52	-13	-44.52	-77.61	-62.45	5.52	12.60	V
Highest	1358	-64.14	-13	-51.14	-75.24	-67.39	4.00	9.40	H
	2037	-59.15	-13	-46.15	-76.95	-62.72	4.88	10.60	H
	2716	-58.01	-13	-45.01	-77.57	-62.94	5.52	12.60	H
	1358	-63.42	-13	-50.42	-75.50	-66.67	4.00	9.40	V
	2037	-58.88	-13	-45.88	-76.55	-62.45	4.88	10.60	V
	2716	-57.64	-13	-44.64	-77.75	-62.57	5.52	12.60	V

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