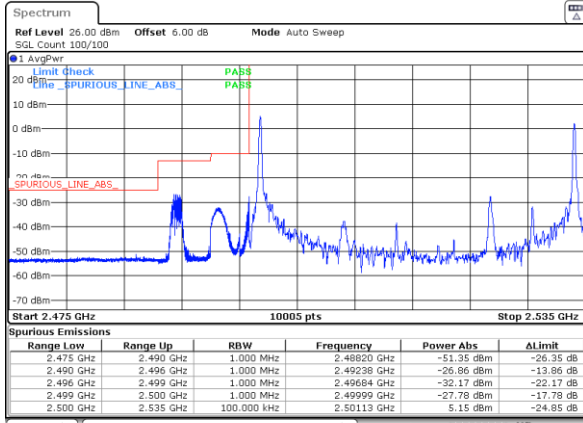




LTE Band 7C / 15MHz+20MHz

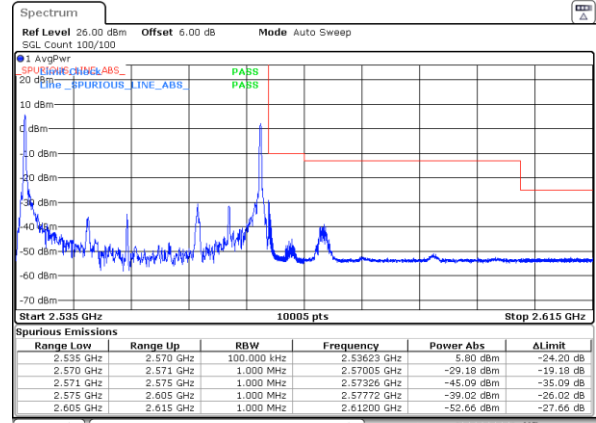
256QAM

Lowest Band Edge / 1RB0 and 1RB99



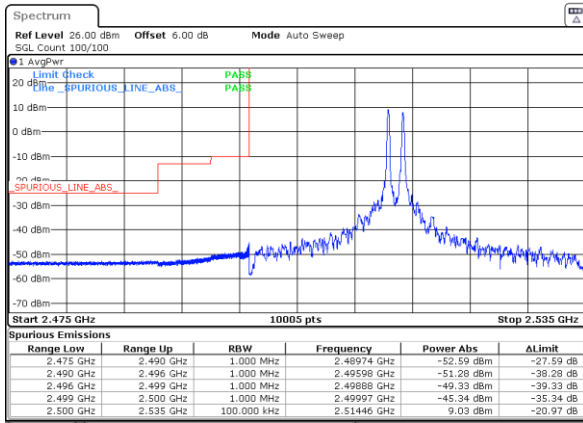
Date: 7.MAY.2024 01:57:21

Highest Band Edge / 1RB0 and 1RB99



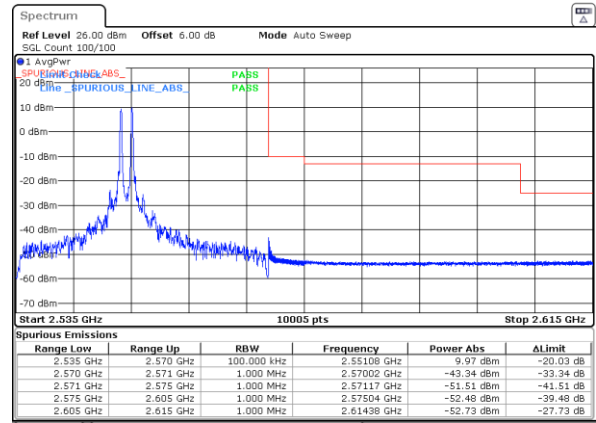
Date: 7.MAY.2024 02:11:30

Lowest Band Edge / 1RB74 and 1RB0



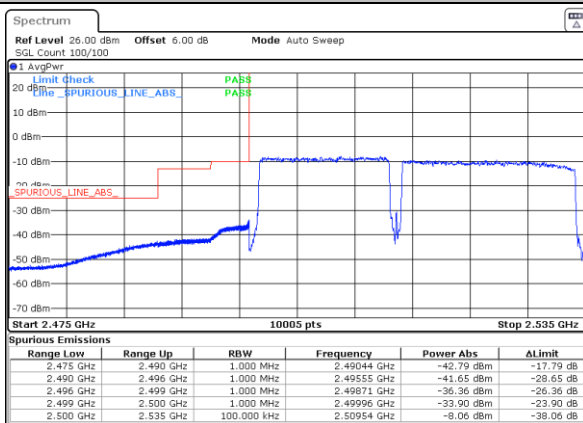
Date: 7.MAY.2024 02:00:34

Highest Band Edge / 1RB74 and 1RB0



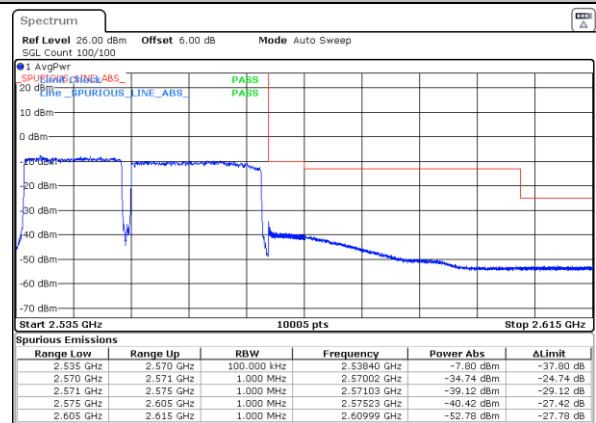
Date: 7.MAY.2024 02:14:42

Lowest Band Edge / Full RB



Date: 7.MAY.2024 02:03:48

Highest Band Edge / Full RB



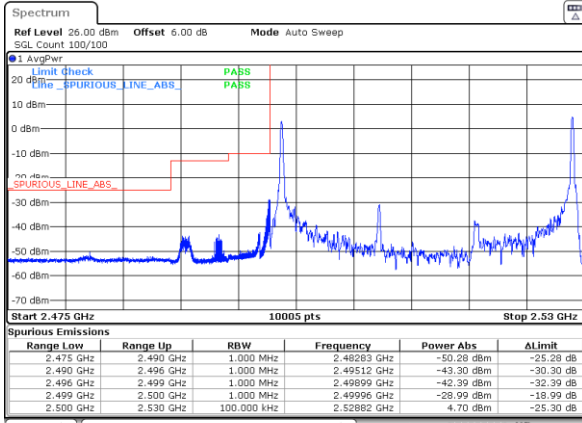
Date: 7.MAY.2024 02:17:56



LTE Band 7C / 20MHz+10MHz

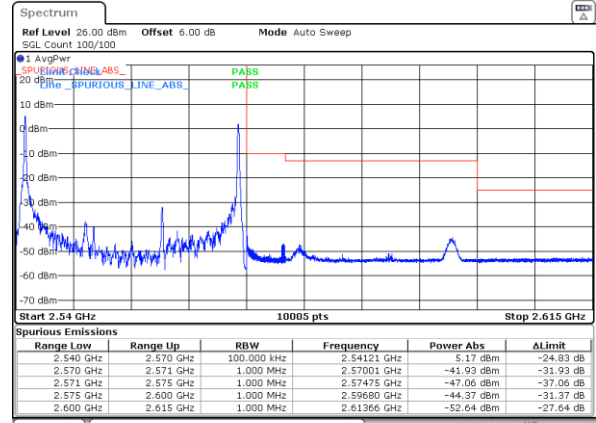
256QAM

Lowest Band Edge / 1RB0 and 1RB49



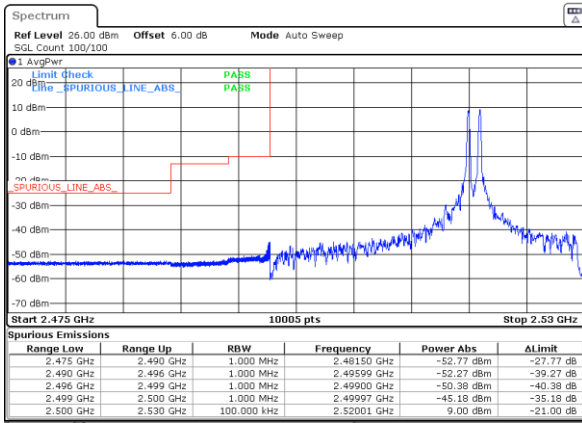
Date: 7.MAY.2024 02:25:23

Highest Band Edge / 1RB0 and 1RB49



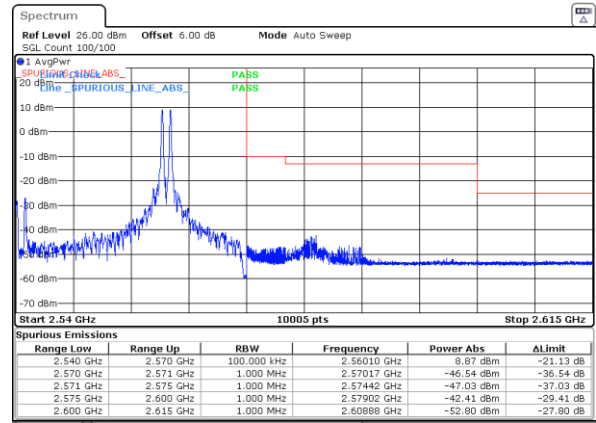
Date: 7.MAY.2024 02:40:29

Lowest Band Edge / 1RB99 and 1RB0



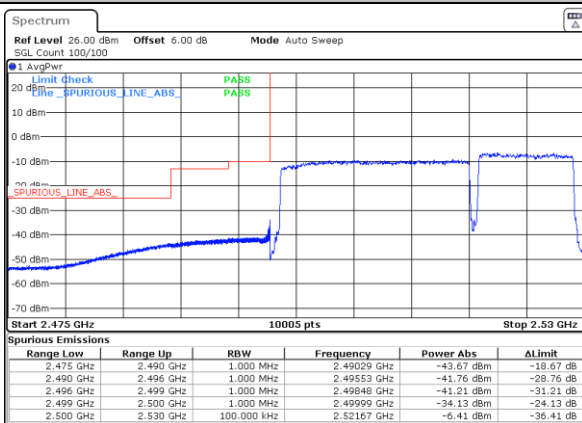
Date: 7.MAY.2024 02:28:37

Highest Band Edge / 1RB99 and 1RB0



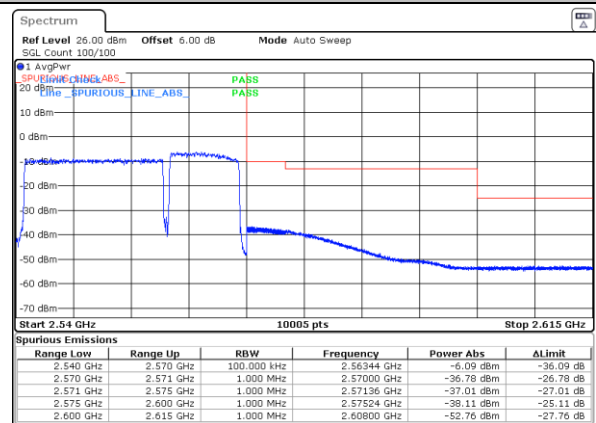
Date: 7.MAY.2024 02:43:42

Lowest Band Edge / Full RB



Date: 7.MAY.2024 02:31:51

Highest Band Edge / Full RB



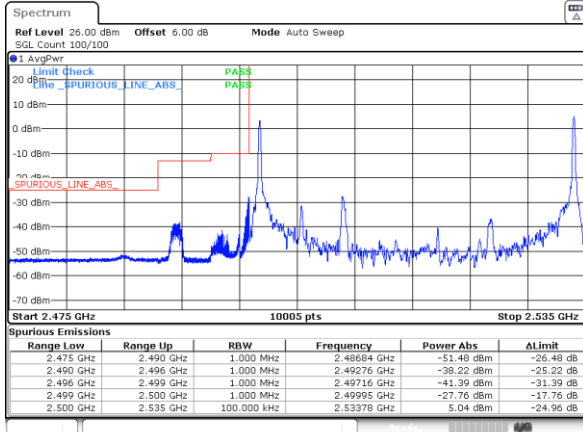
Date: 7.MAY.2024 02:46:55



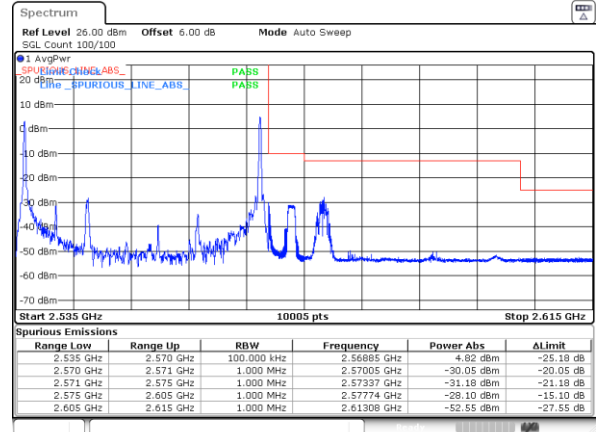
LTE Band 7C / 20MHz+15MHz

256QAM

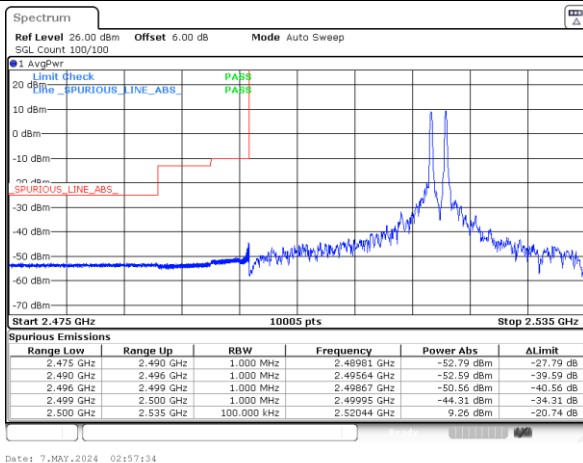
Lowest Band Edge / 1RB0 and 1RB74



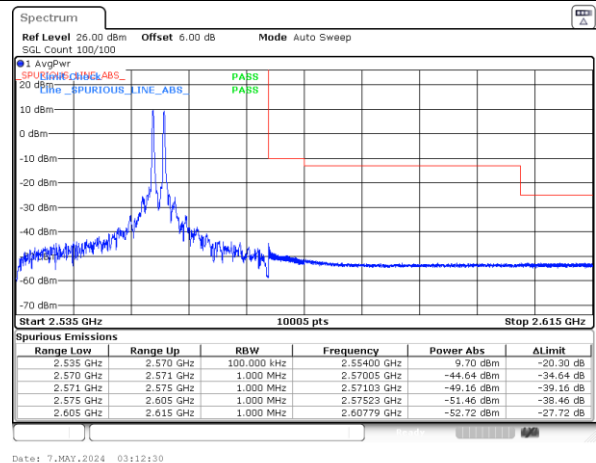
Highest Band Edge / 1RB0 and 1RB74



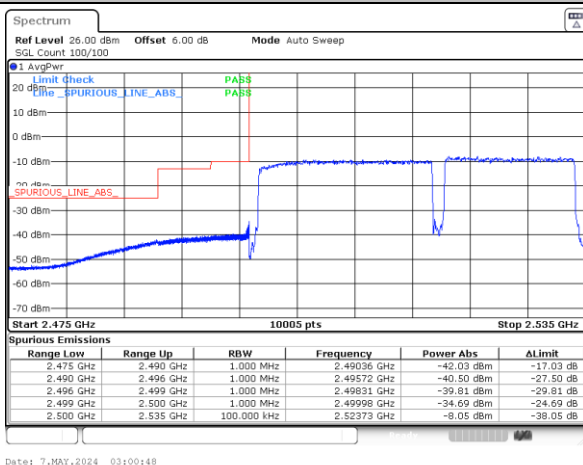
Lowest Band Edge / 1RB99 and 1RB0



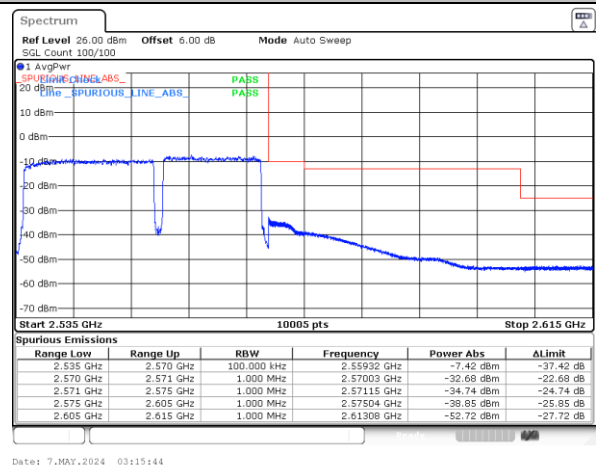
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

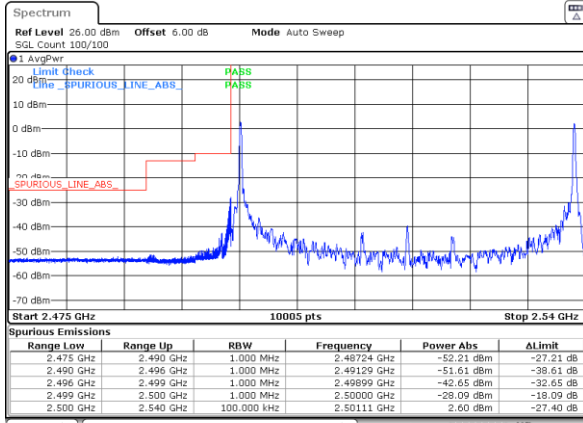




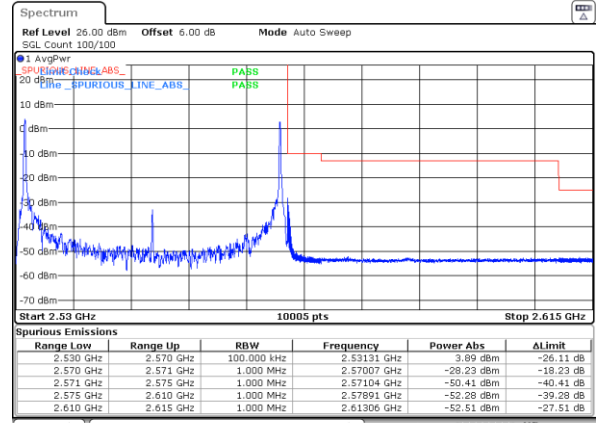
LTE Band 7C / 20MHz+20MHz

256QAM

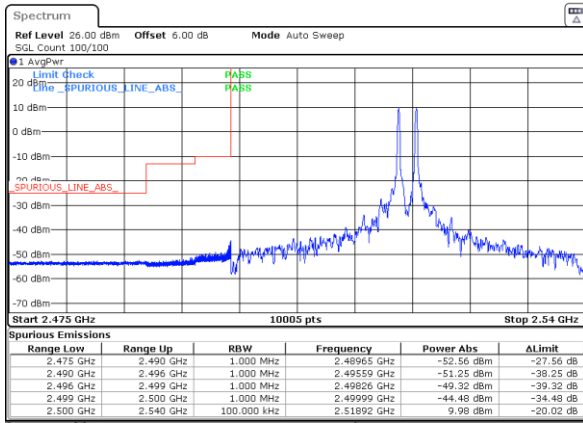
Lowest Band Edge / 1RB0 and 1RB99



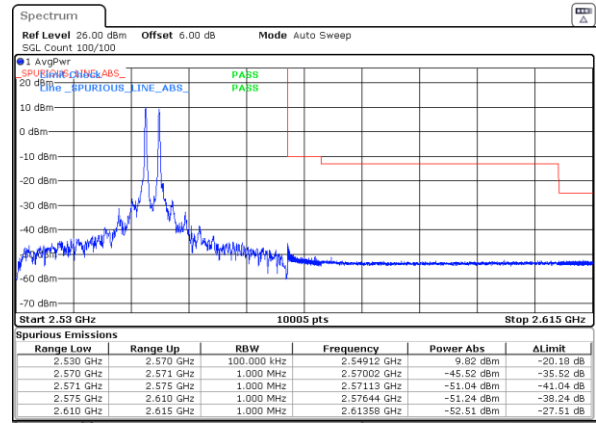
Highest Band Edge / 1RB0 and 1RB99



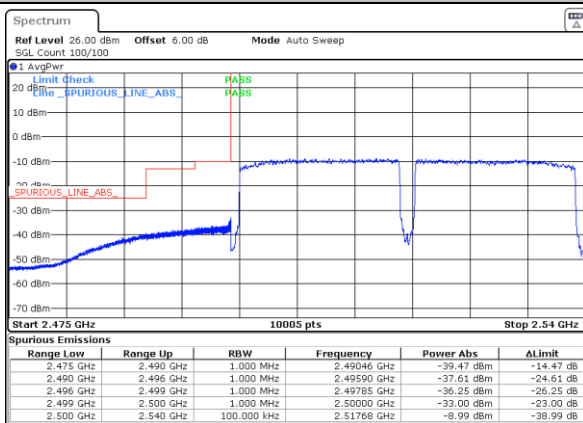
Lowest Band Edge / 1RB99 and 1RB0



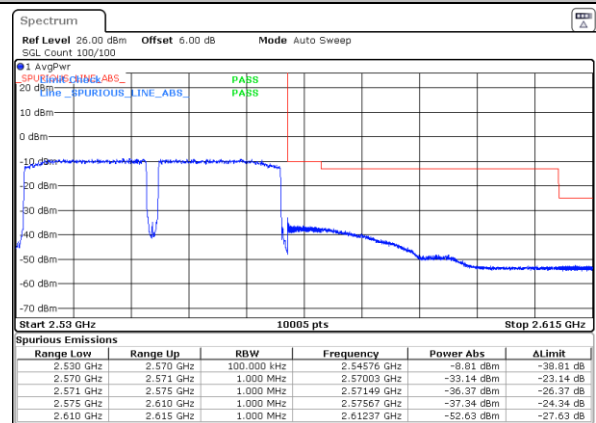
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

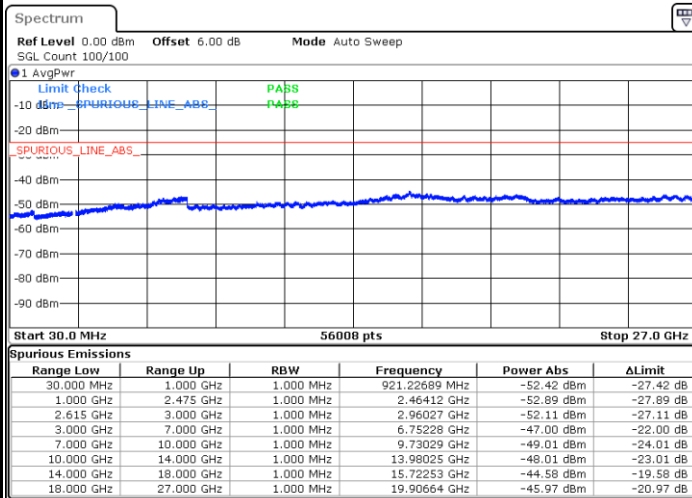




Conducted Spurious Emission

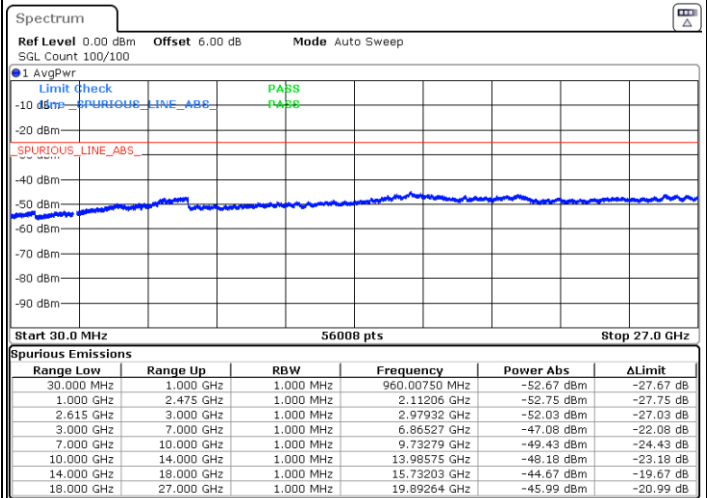
LTE Band 7C / 10MHz+20MHz

Lowest Channel / QPSK



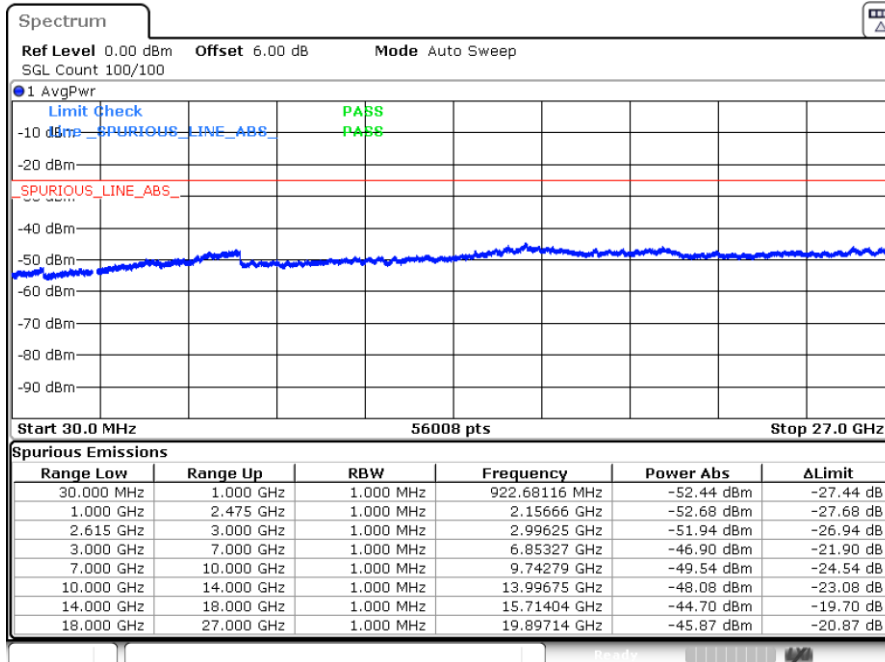
Date: 8.MAY.2024 00:22:37

Middle Channel / QPSK



Date: 7.MAY.2024 00:11:58

Highest Channel / QPSK



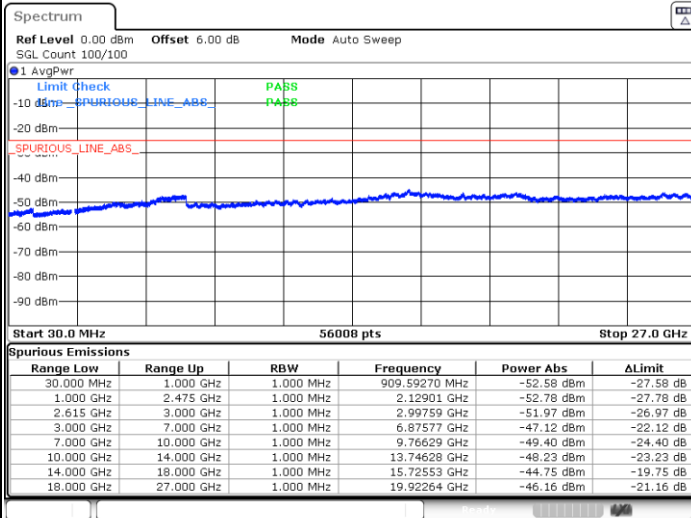
Date: 7.MAY.2024 00:14:41



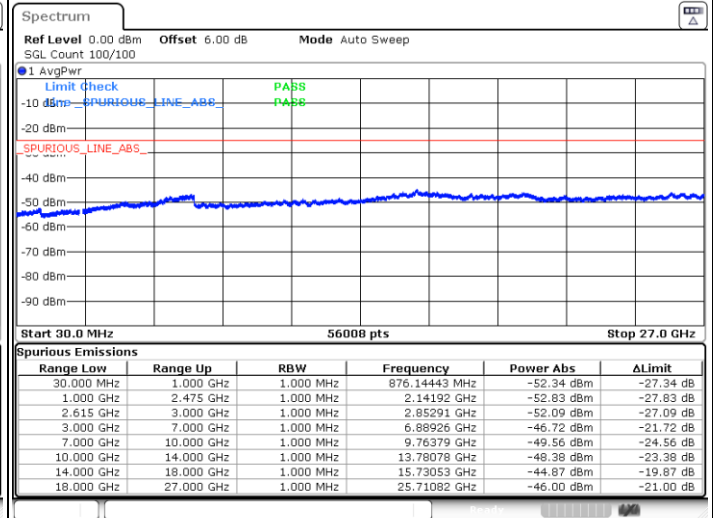
LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

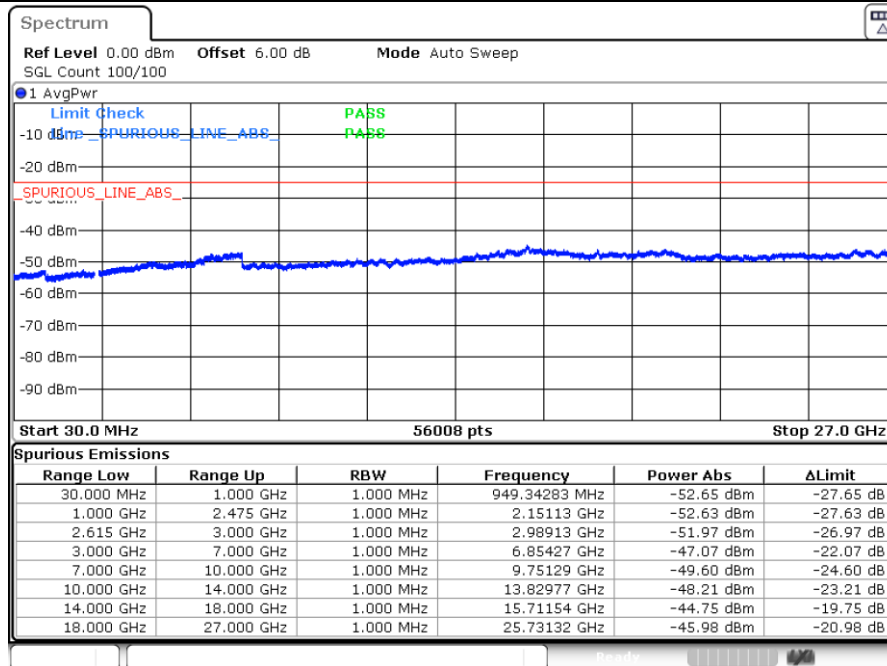


Date: 7.MAY.2024 00:29:01



Date: 7.MAY.2024 00:40:54

Highest Channel / QPSK



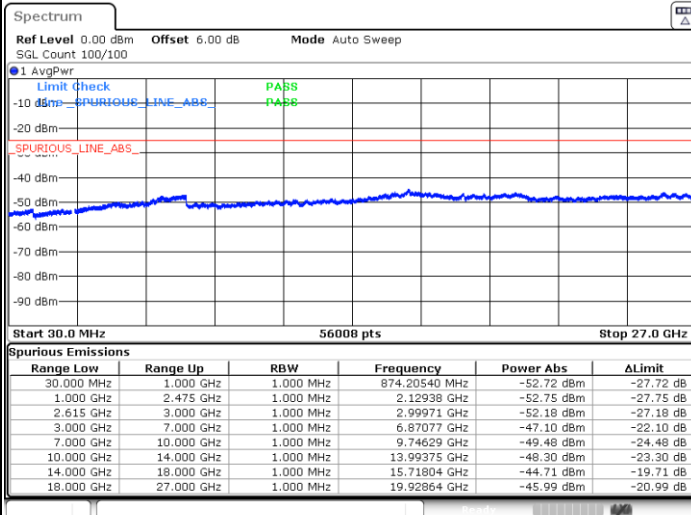
Date: 7.MAY.2024 00:43:03



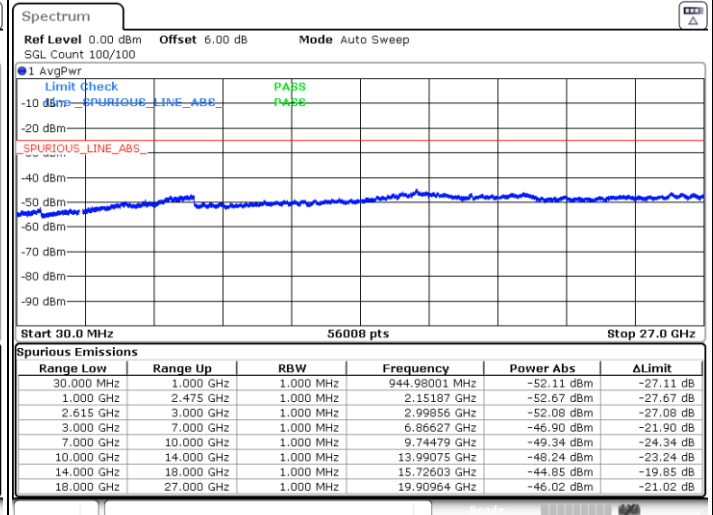
LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

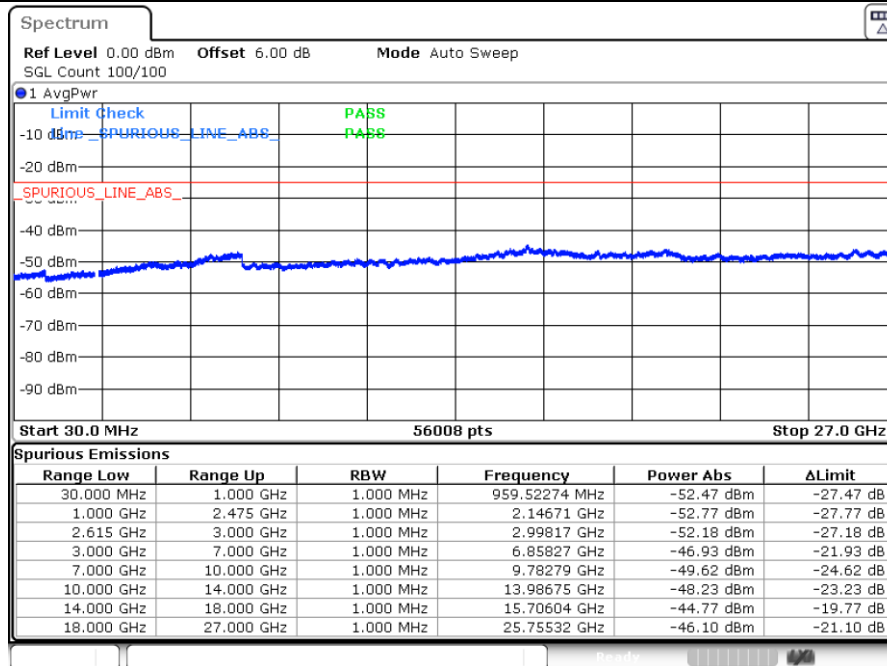


Date: 7.MAY.2024 00:57:01



Date: 7.MAY.2024 01:08:58

Highest Channel / QPSK



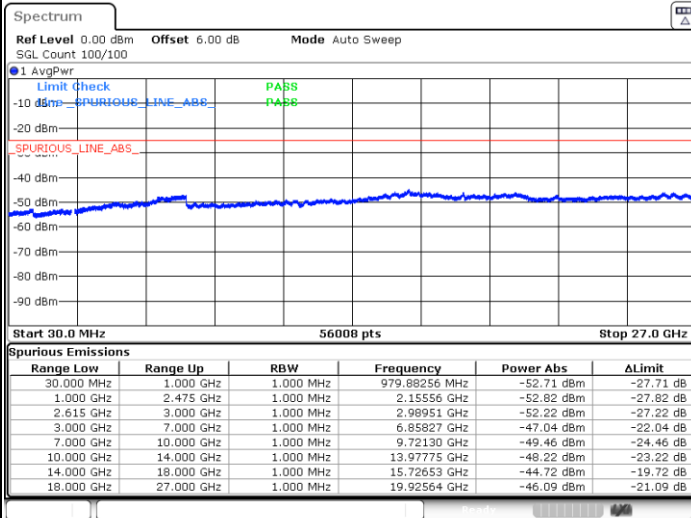
Date: 7.MAY.2024 01:39:59



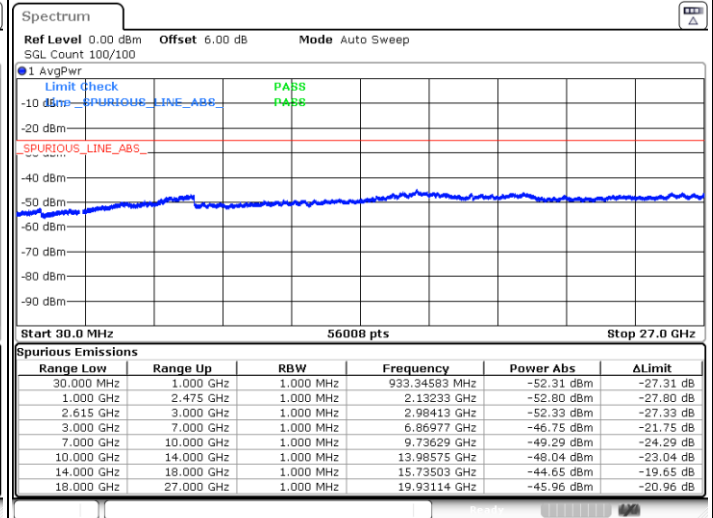
LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

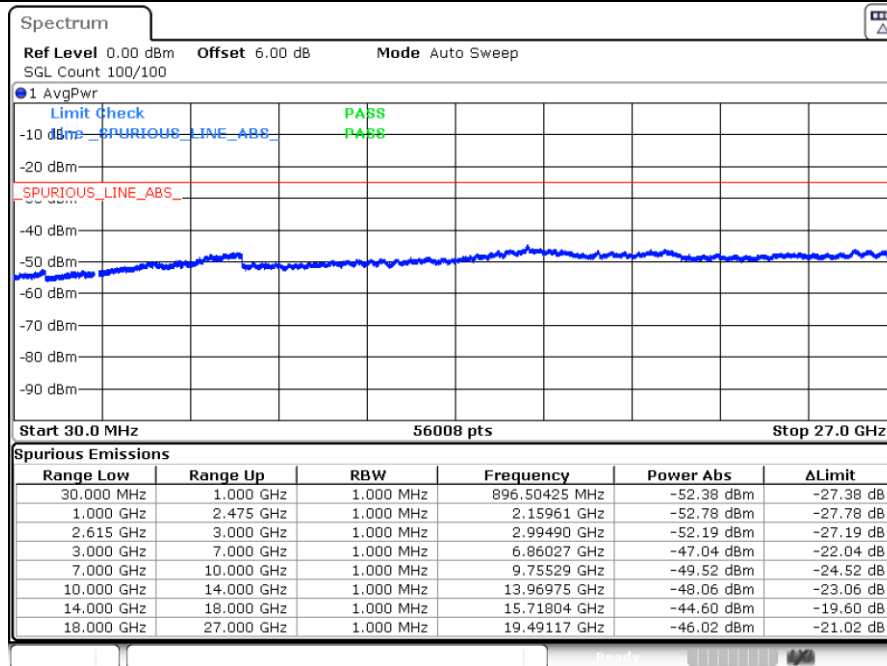


Date: 7.MAY.2024 01:54:07



Date: 7.MAY.2024 02:06:03

Highest Channel / QPSK



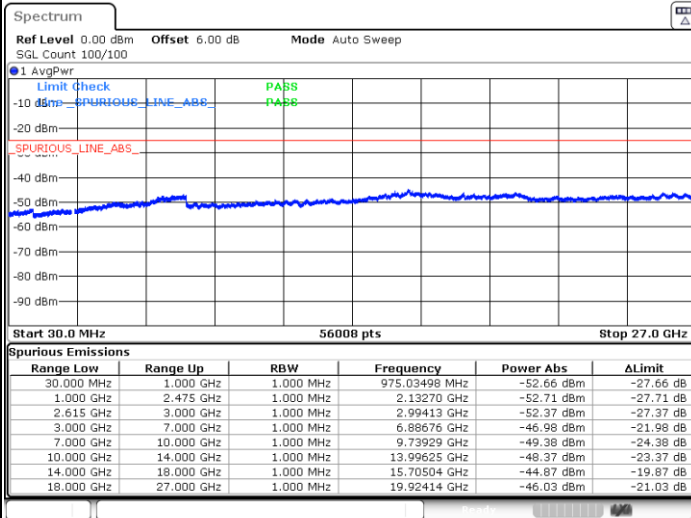
Date: 7.MAY.2024 02:08:17



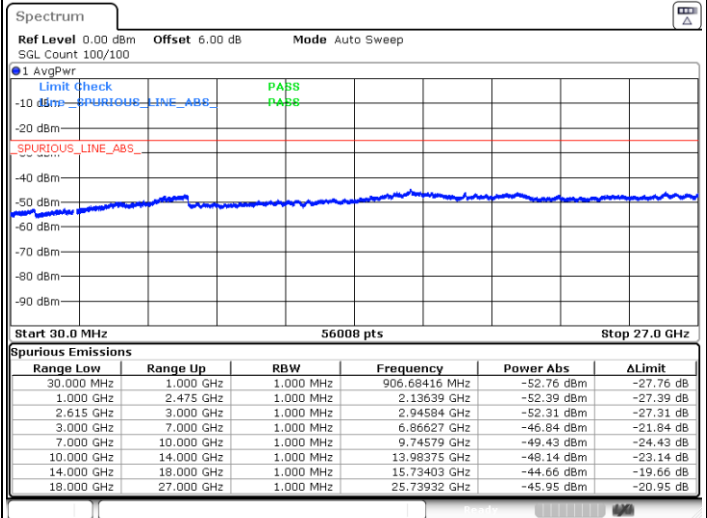
LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

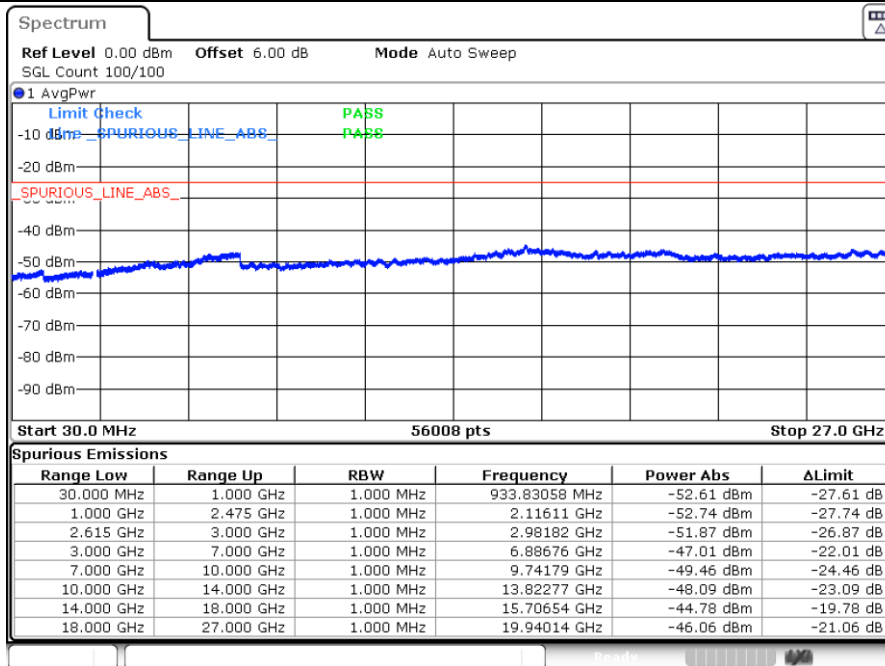


Date: 7.MAY.2024 02:22:09



Date: 7.MAY.2024 02:34:21

Highest Channel / QPSK



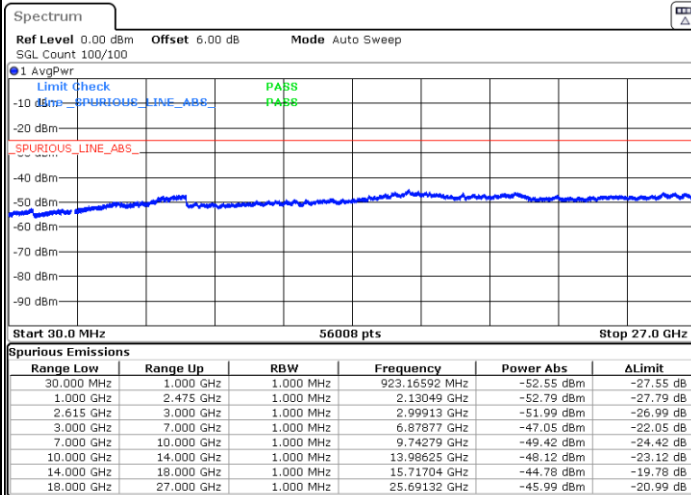
Date: 7.MAY.2024 02:37:17



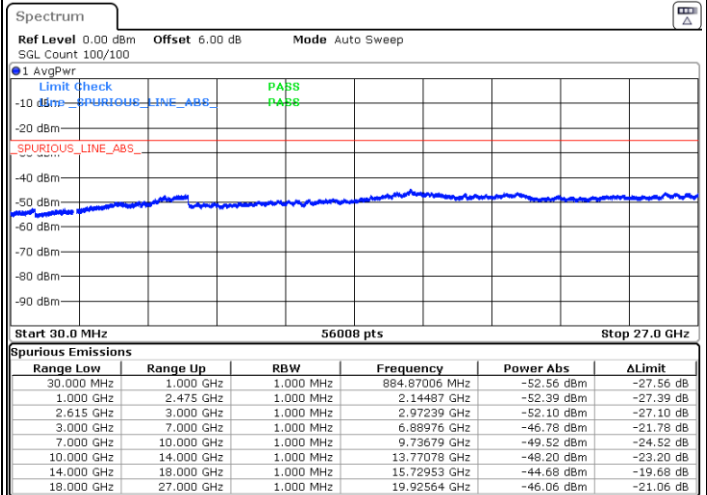
LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

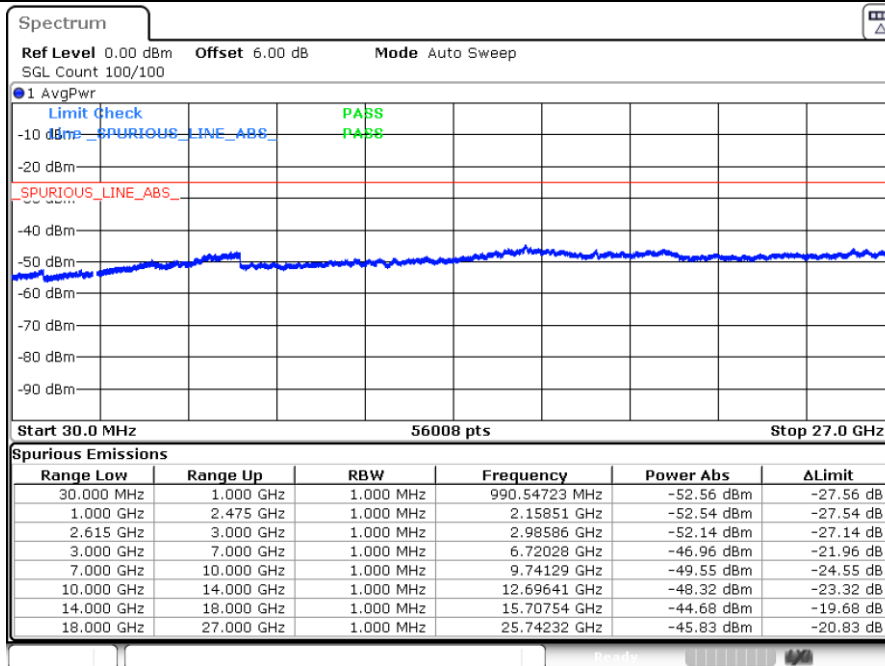


Date: 7.MAY.2024 02:51:06



Date: 7.MAY.2024 03:03:55

Highest Channel / QPSK



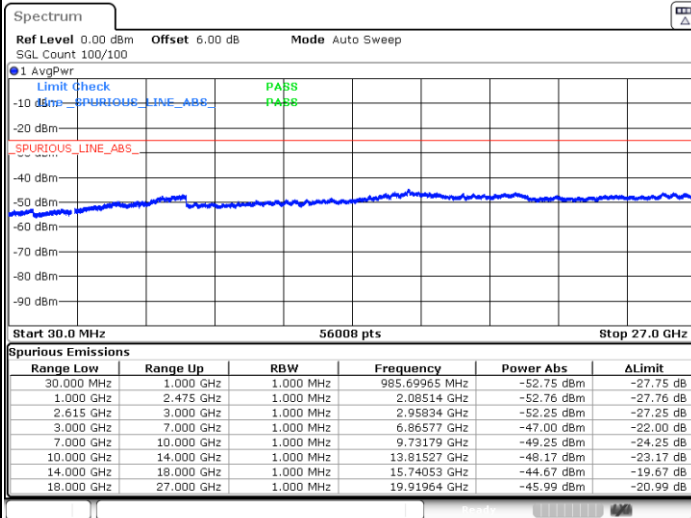
Date: 7.MAY.2024 03:06:05



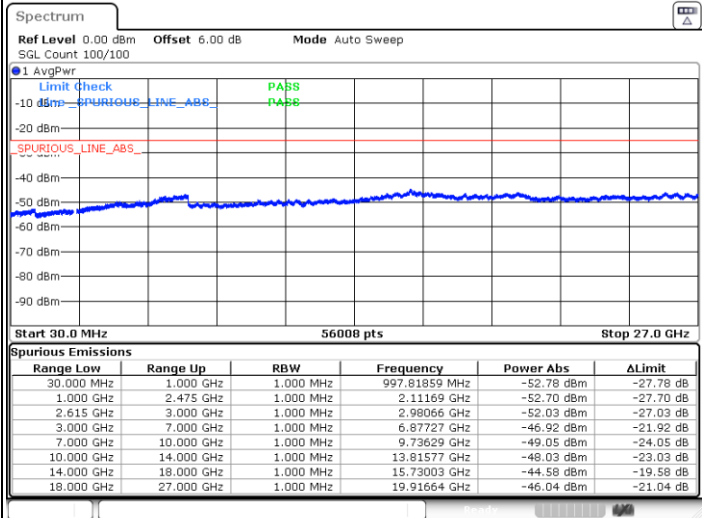
LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

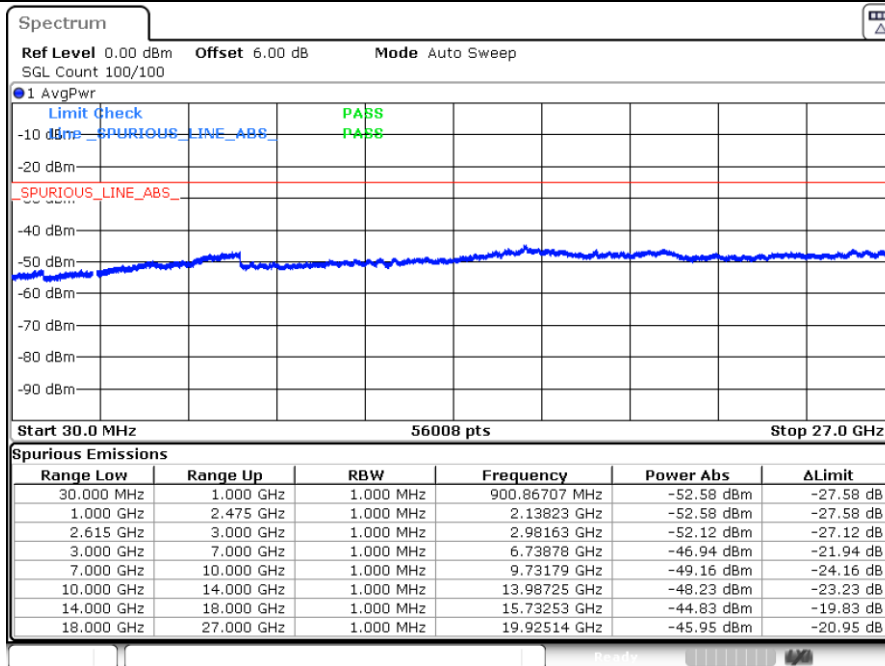


Date: 7.MAY.2024 03:19:55



Date: 7.MAY.2024 03:31:46

Highest Channel / QPSK



Date: 7.MAY.2024 03:33:56

Frequency Stability

Test Conditions		LTE Band 7C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0053	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0064	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0026	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia	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)
Middle	5052.18	-59.69	-25	-34.69	-79.15	-65.25	7.14	12.70	H
	7578.27	-55.27	-25	-30.27	-79.76	-58.57	8.30	11.60	H
	10104.36	-51.69	-25	-26.69	-80.62	-53.21	10.48	12.00	H
	5052.18	-59.79	-25	-34.79	-79.14	-65.35	7.14	12.70	V
	7578.27	-55.04	-25	-30.04	-80.01	-58.34	8.30	11.60	V
	10104.36	-53.28	-25	-28.28	-80.87	-54.80	10.48	12.00	V

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

LTE Band 7C / 20MHz+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)
Middle	5070.00	-60.67	-25	-35.67	-80.14	-66.23	7.14	12.70	H
	7605.00	-55.27	-25	-30.27	-79.70	-58.57	8.30	11.60	H
	10140.00	-51.80	-25	-26.80	-80.71	-53.32	10.48	12.00	H
	5070.00	-60.55	-25	-35.55	-79.88	-66.11	7.14	12.70	V
	7605.00	-54.98	-25	-29.98	-79.91	-58.28	8.30	11.60	V
	10140.00	-52.67	-25	-27.67	-80.29	-54.19	10.48	12.00	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)
Middle	1406	-62.38	-13	-49.38	-71.08	-65.63	4.00	9.40	H
	2109	-52.45	-13	-39.45	-63.70	-56.02	4.88	10.60	H
	2812	-62.67	-13	-49.67	-76.20	-67.60	5.52	12.60	H
	3515	-62.28	-13	-49.28	-77.04	-66.75	6.00	12.62	H
	1406	-63.78	-13	-50.78	-72.37	-67.03	4.00	9.40	V
	2109	-52.80	-13	-39.80	-64.28	-56.37	4.88	10.60	V
	2812	-62.73	-13	-49.73	-76.19	-67.66	5.52	12.60	V
	3515	-62.28	-13	-49.28	-77.09	-66.75	6.00	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)
Middle	1559.5	-64.27	-42.15	-22.12	-73.18	-67.52	4.00	9.40	H
	2339.25	-43.62	-13	-30.62	-55.48	-47.19	4.88	10.60	H
	3119	-60.69	-13	-47.69	-75.13	-65.62	5.52	12.60	H
	1559.5	-64.96	-42.15	-22.81	-73.64	-68.21	4.00	9.40	V
	2339.25	-49.23	-13	-36.23	-61.10	-52.80	4.88	10.60	V
	3119	-61.02	-13	-48.02	-75.27	-65.95	5.52	12.60	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)	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)
Middle	1559.5	-64.89	-42.15	-22.74	-73.80	-68.14	4.00	9.40	H
	2339.25	-48.99	-13	-35.99	-60.85	-52.56	4.88	10.60	H
	3119	-60.63	-13	-47.63	-75.07	-65.56	5.52	12.60	H
	1559.5	-65.17	-42.15	-23.02	-73.85	-68.42	4.00	9.40	V
	2339.25	-54.77	-13	-41.77	-66.64	-58.34	4.88	10.60	V
	3119	-61.26	-13	-48.26	-75.51	-66.19	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 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)
Middle	5168.00	-51.19	-25	-26.19	-70.77	-56.75	7.14	12.70	H
	7752.00	-54.27	-25	-29.27	-78.30	-57.57	8.30	11.60	H
	10336.00	-32.48	-25	-7.48	-61.25	-34.00	10.48	12.00	H
	5168.00	-46.55	-25	-21.55	-65.81	-52.11	7.14	12.70	V
	7752.00	-54.93	-25	-29.93	-79.6	-58.23	8.30	11.60	V
	10336.00	-37.76	-25	-12.76	-65.53	-39.28	10.48	12.00	V

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



DC_41A_n78A / 20MHz+100MHz / QPSK / ANT 4+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)
LTE Band 41 Middle	5168.00	-59.81	-25	-34.81	-81.63	-65.37	7.14	12.70	H
	7752.00	-54.30	-25	-29.30	-81.09	-57.60	8.30	11.60	H
	10336.00	-50.53	-25	-25.53	-81.66	-52.05	10.48	12.00	H
	5168.00	-59.54	-25	-34.54	-81.63	-65.10	7.14	12.70	V
	7752.00	-54.40	-25	-29.40	-81.04	-57.70	8.30	11.60	V
	10336.00	-51.66	-25	-26.66	-81.88	-53.18	10.48	12.00	V
NR n78 Middle	6902.38	-56.10	-13	-43.10	-81.66	-59.40	8.30	11.60	H
	10353.57	-50.53	-13	-37.53	-81.64	-52.05	10.48	12.00	H
	13804.76	-47.29	-13	-34.29	-82.28	-48.99	11.80	13.50	H
	6902.38	-55.51	-13	-42.51	-81.55	-58.81	8.30	11.60	V
	10353.57	-51.23	-13	-38.23	-81.47	-52.75	10.48	12.00	V
	13804.76	-48.15	-13	-35.15	-82.48	-49.85	11.80	13.50	V

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