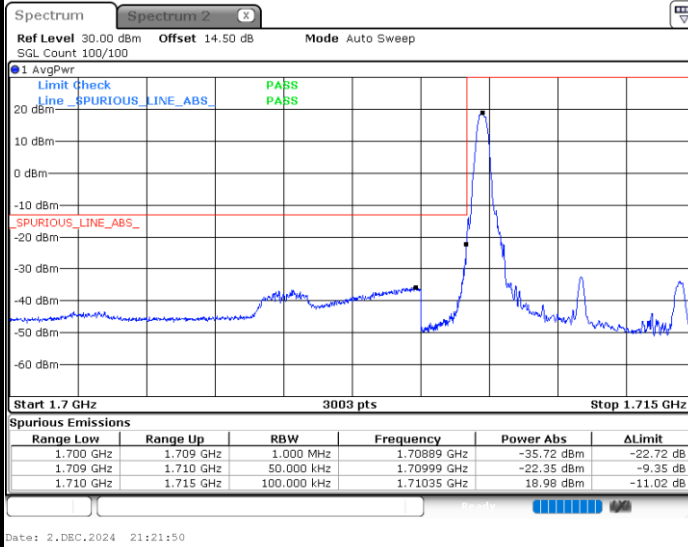


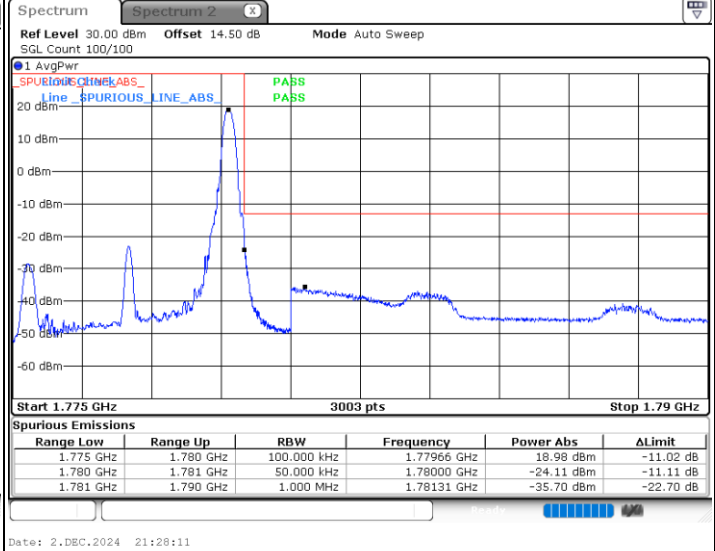


LTE Band 66 / 5MHz / 16QAM

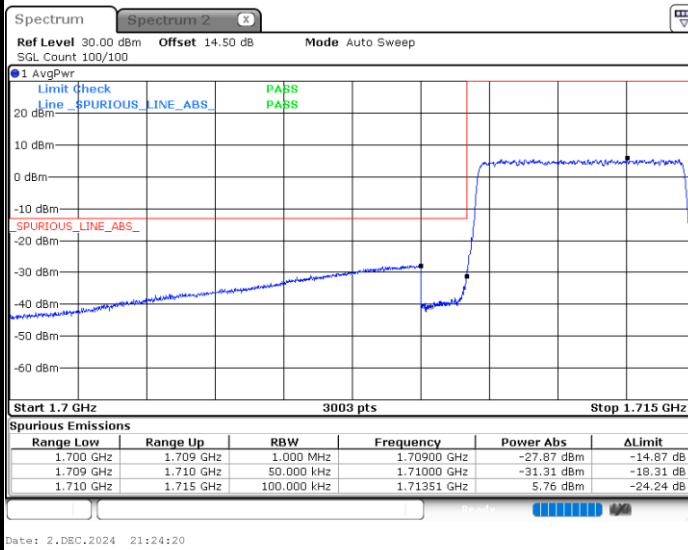
Lowest Band Edge / 1 RB



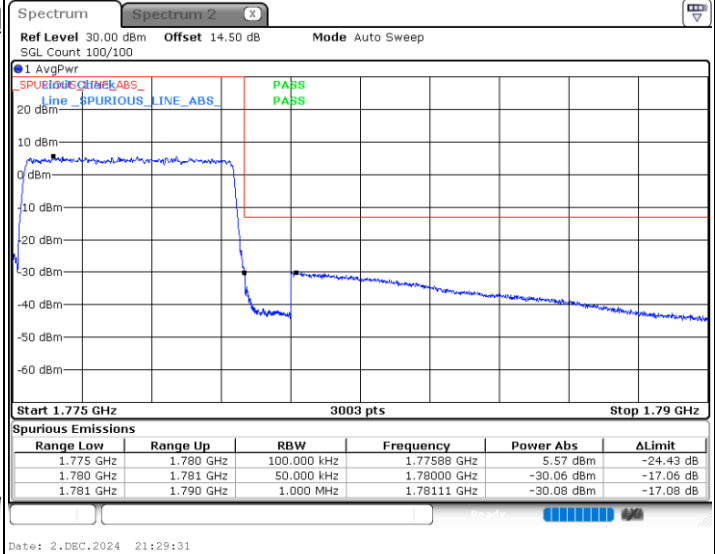
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



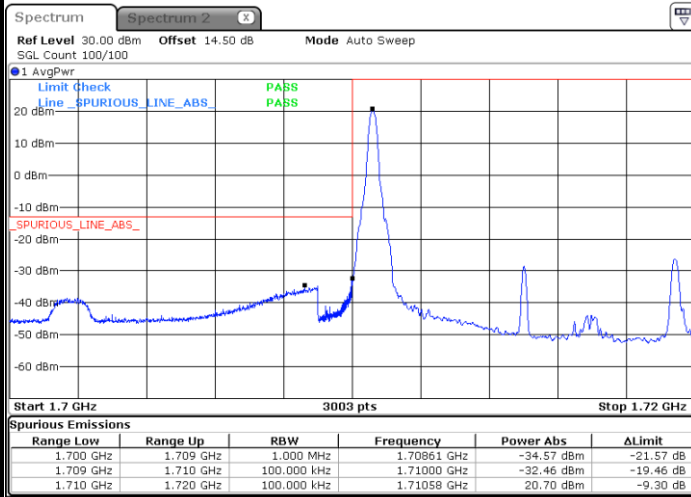
Highest Band Edge / Full RB



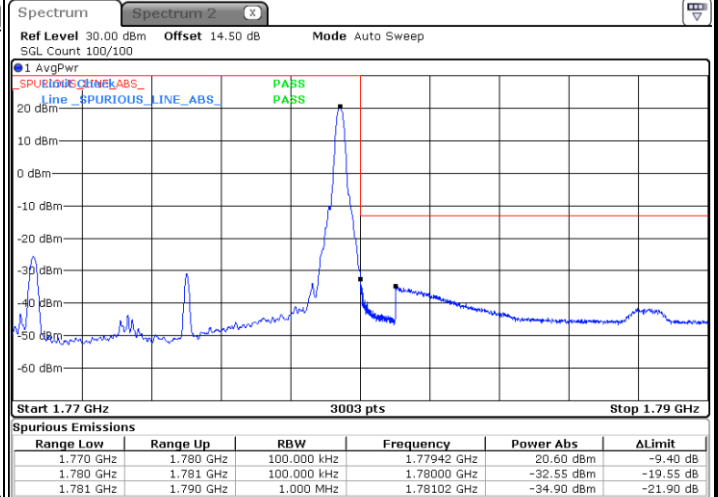


LTE Band 66 / 10MHz / QPSK

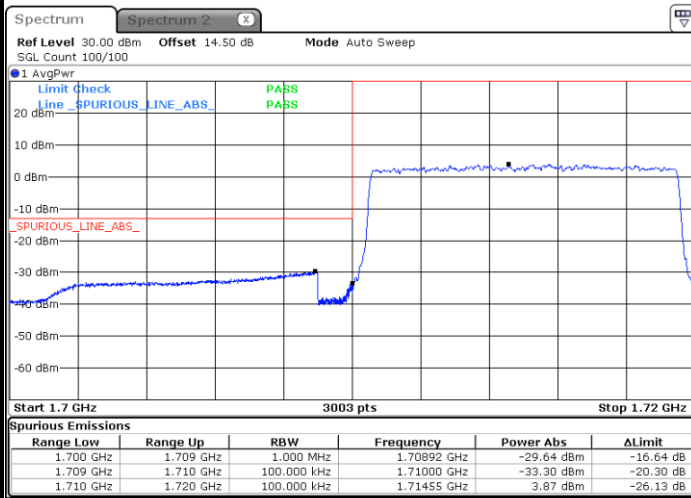
Lowest Band Edge / 1RB



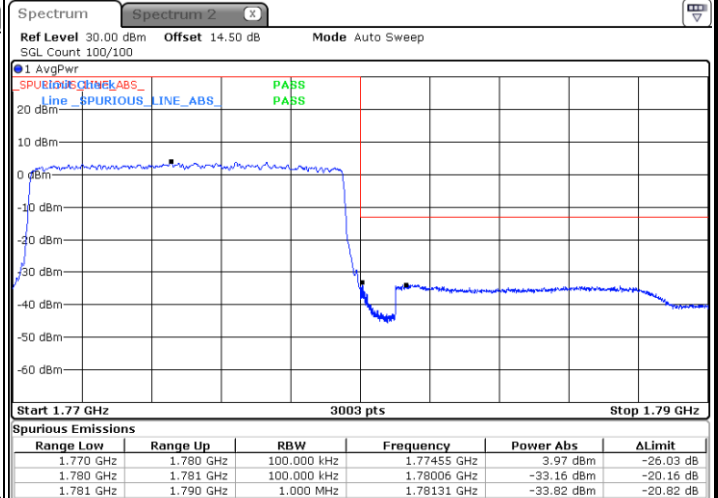
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



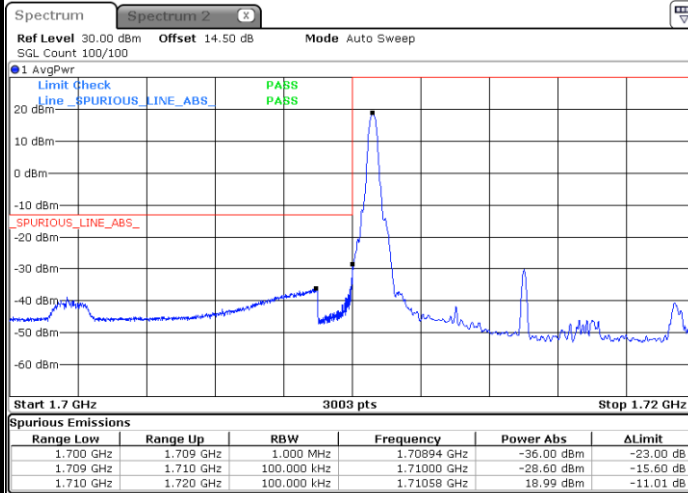
Highest Band Edge / Full RB



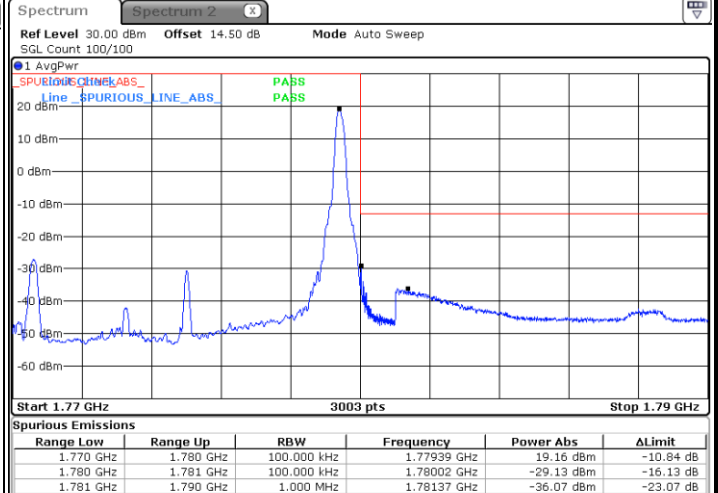


LTE Band 66 / 10MHz / 16QAM

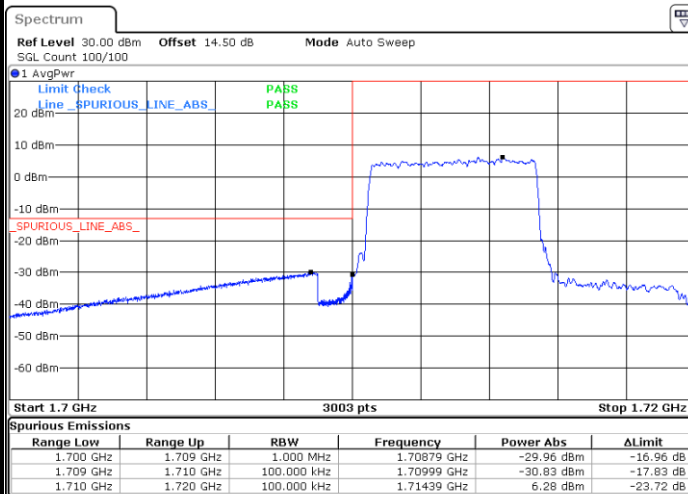
Lowest Band Edge / 1 RB



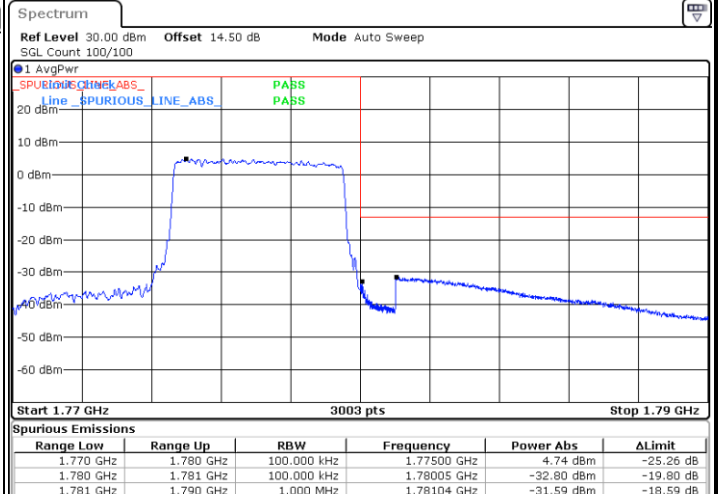
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



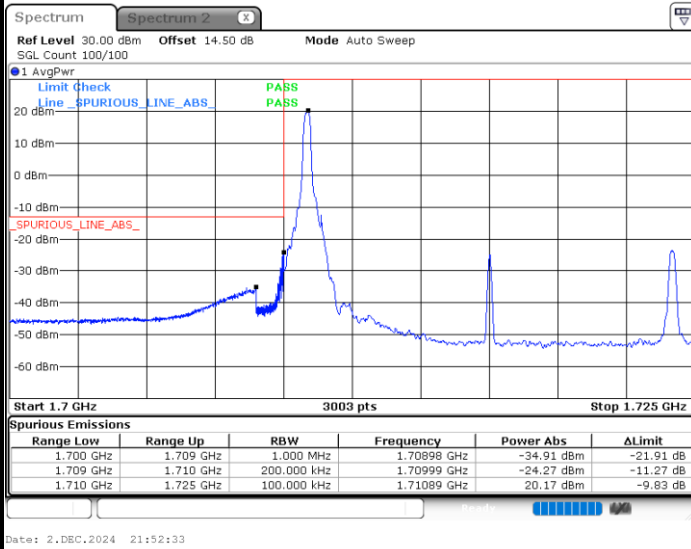
Highest Band Edge / Full RB



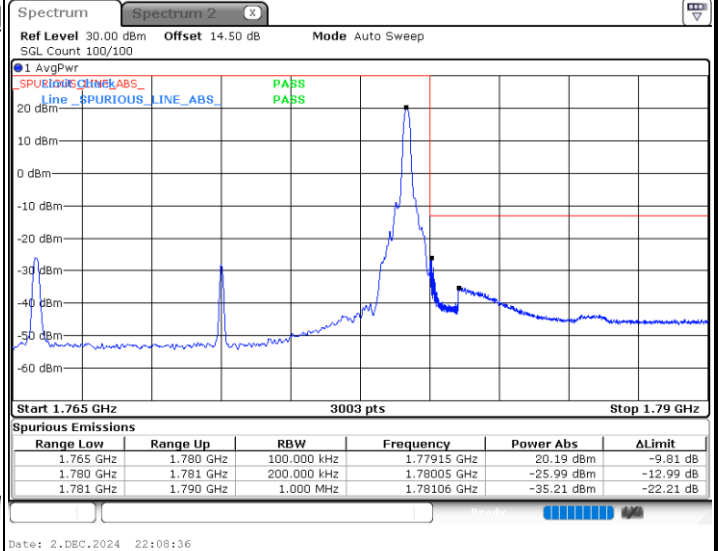


LTE Band 66 / 15MHz / QPSK

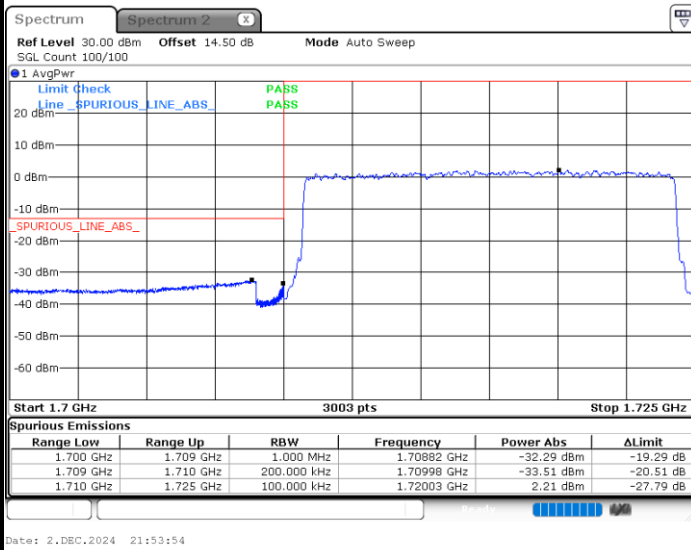
Lowest Band Edge / 1RB



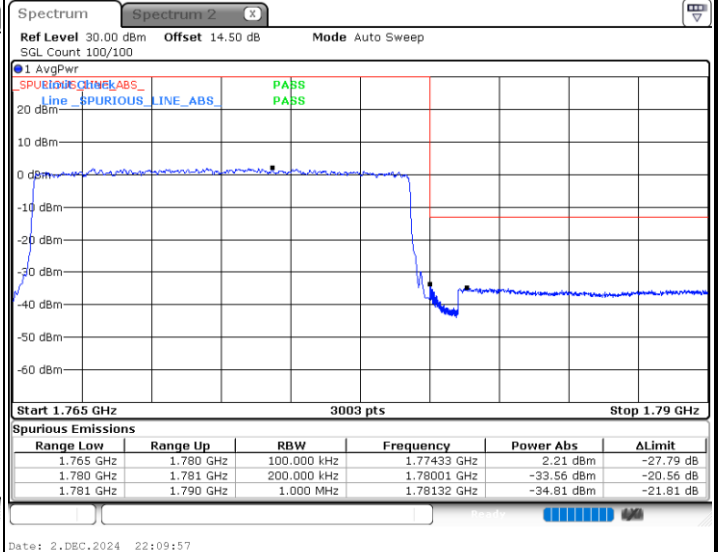
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



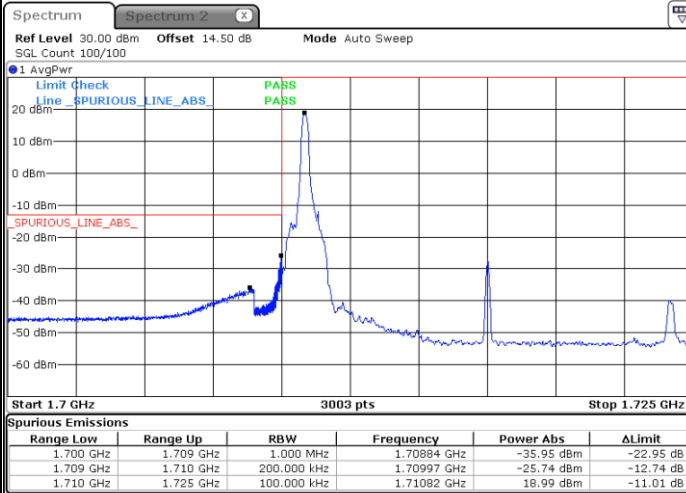
Highest Band Edge / Full RB



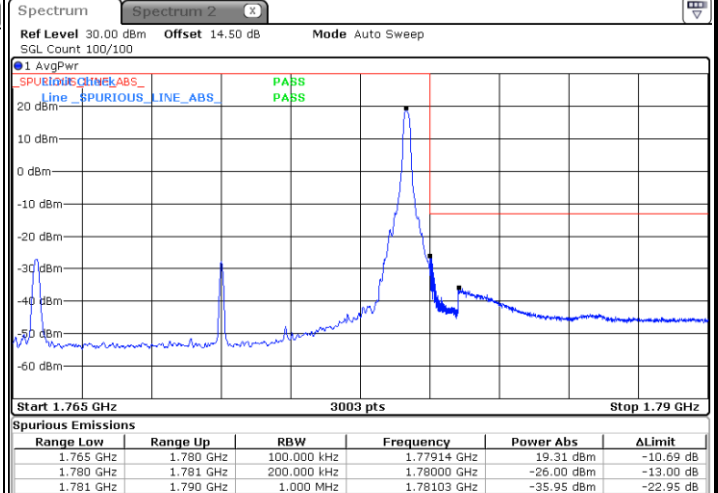


LTE Band 66 / 15MHz / 16QAM

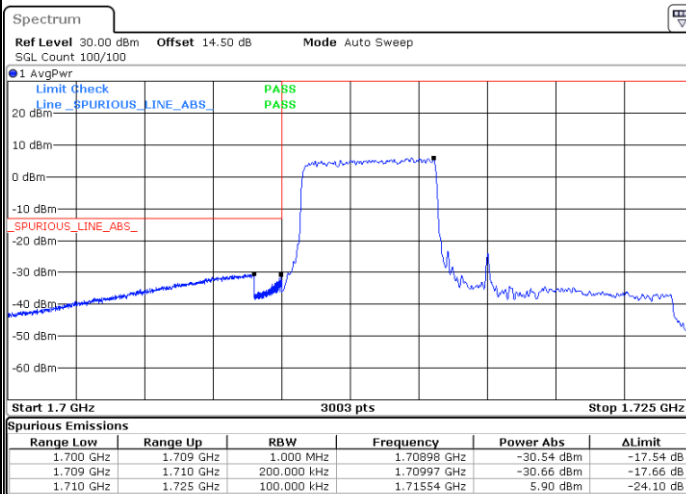
Lowest Band Edge / 1 RB



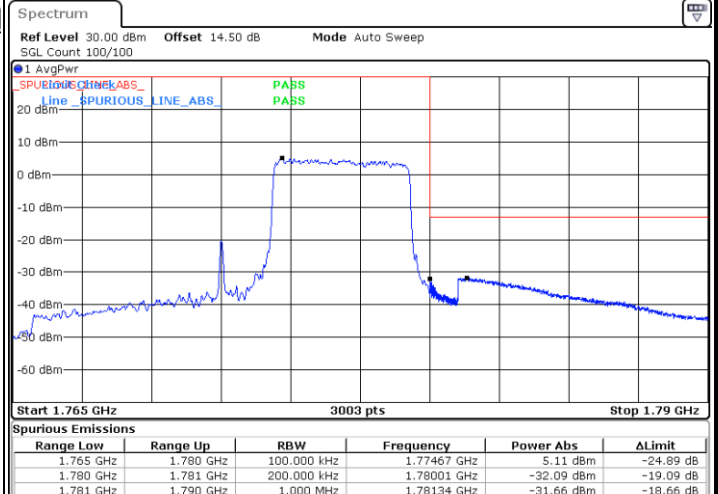
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



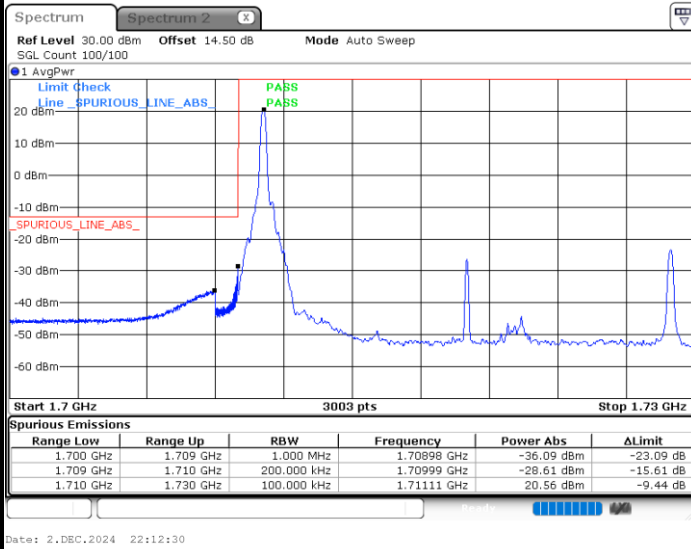
Highest Band Edge / Full RB



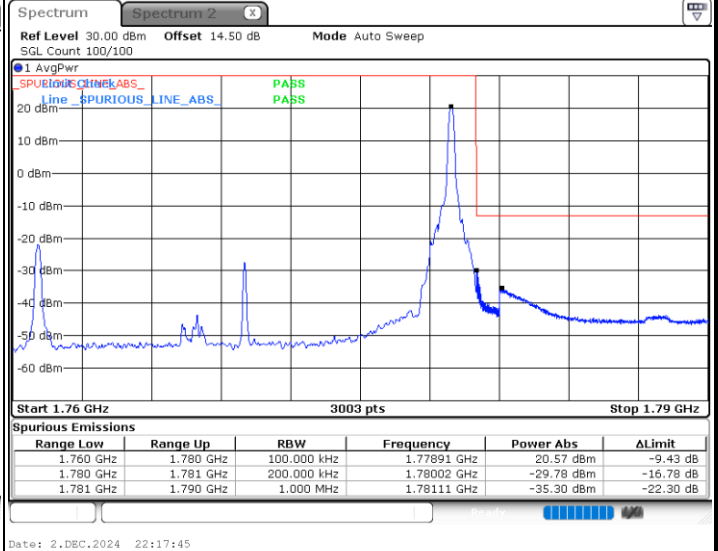


LTE Band 66 / 20MHz / QPSK

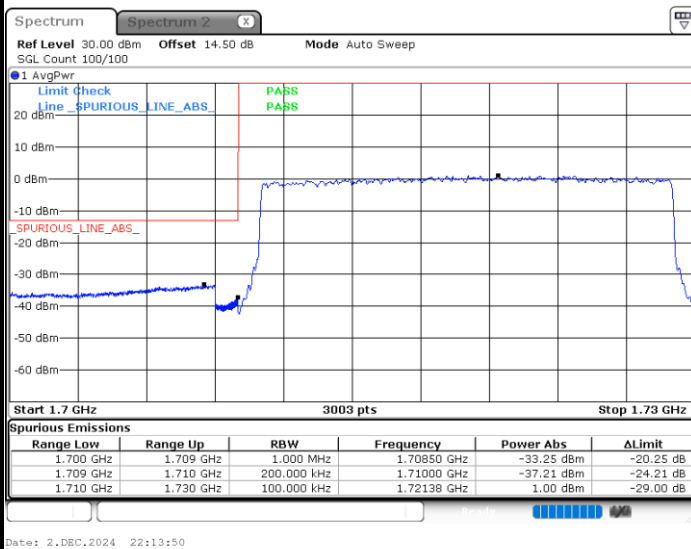
Lowest Band Edge / 1RB



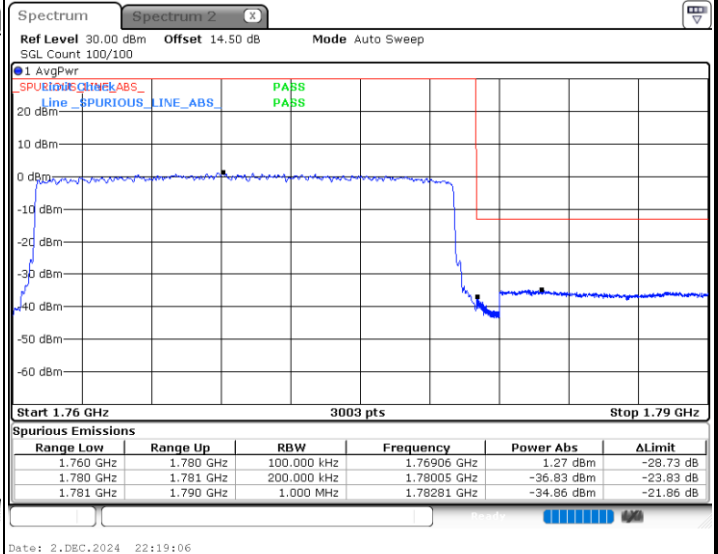
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



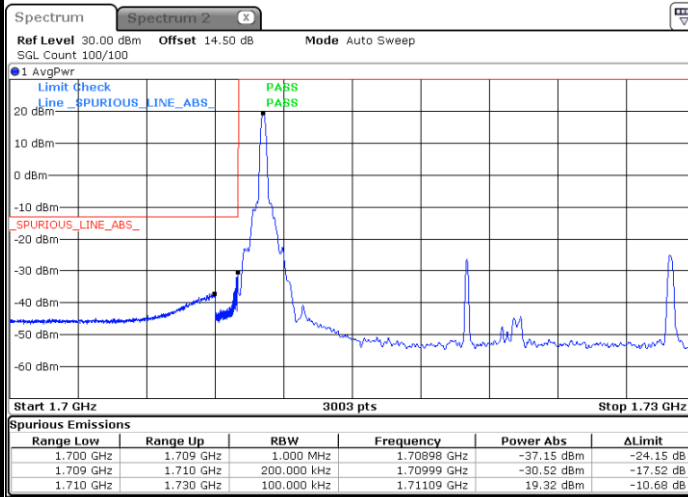
Highest Band Edge / Full RB



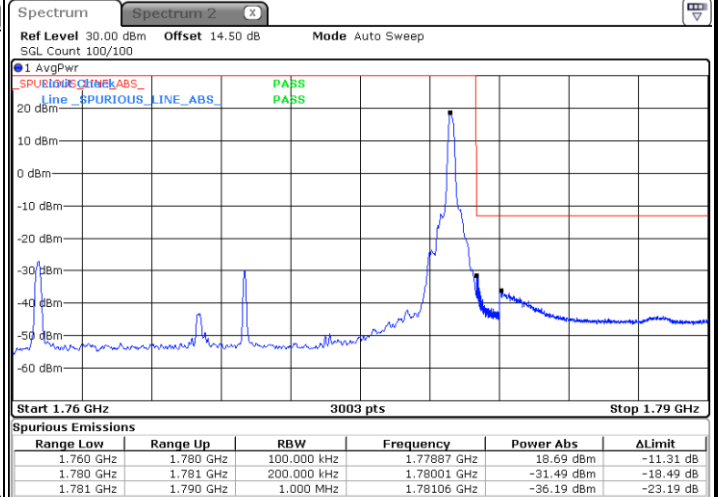


LTE Band 66 / 20MHz / 16QAM

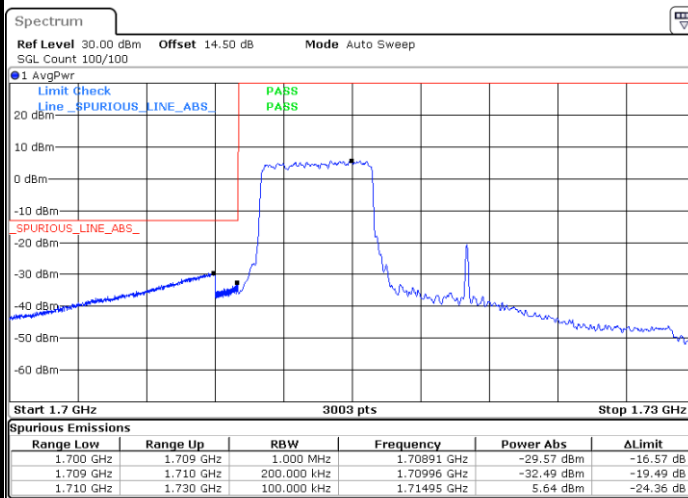
Lowest Band Edge / 1 RB



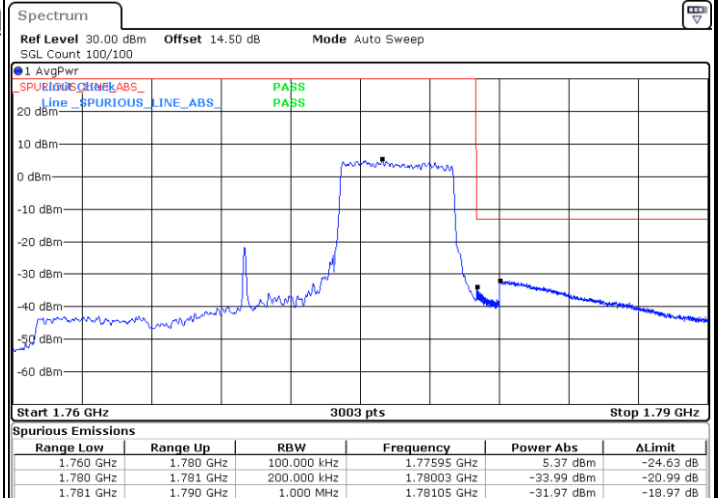
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

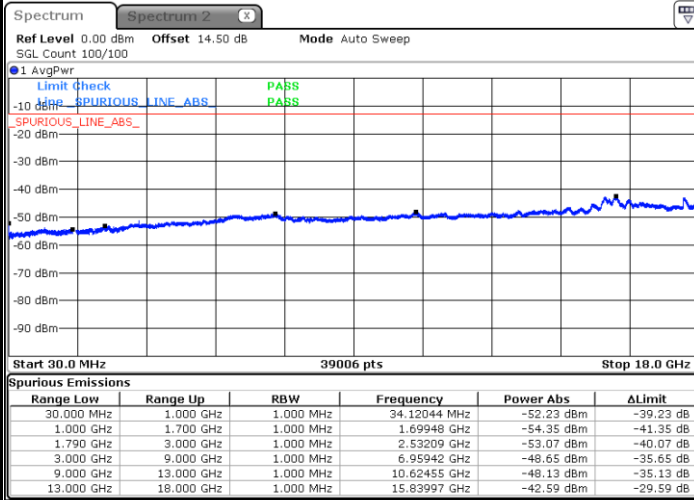




Conducted Spurious Emission

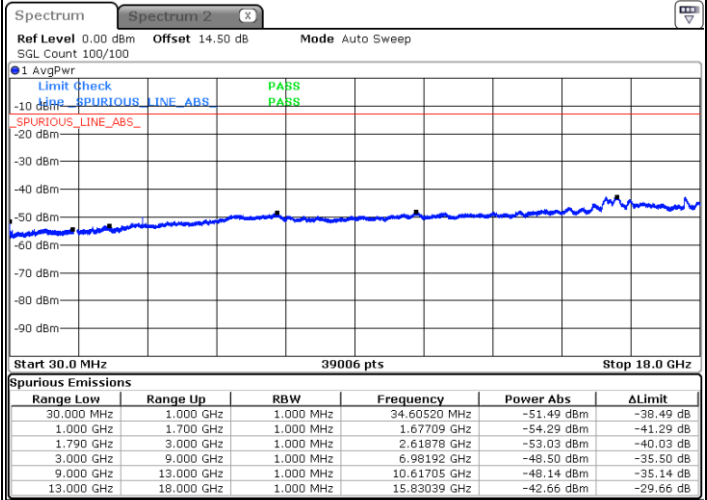
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



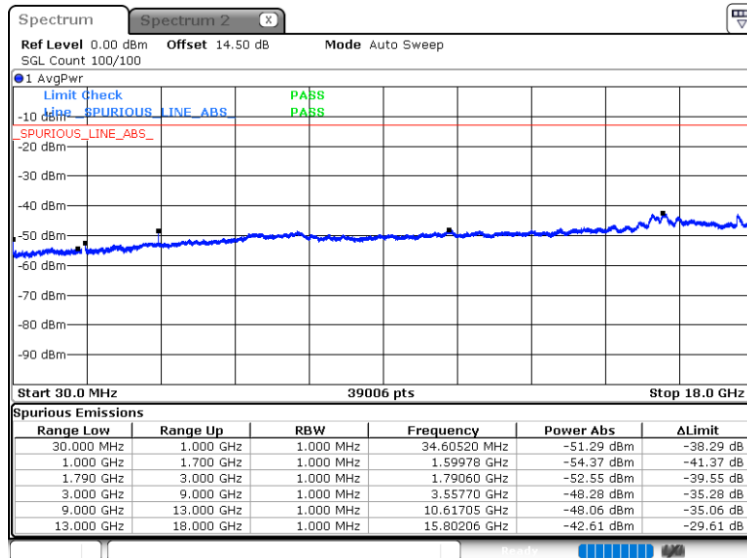
Date: 2.DEC.2024 21:01:12

Middle Channel / QPSK



Date: 2.DEC.2024 21:03:42

Highest Channel / QPSK

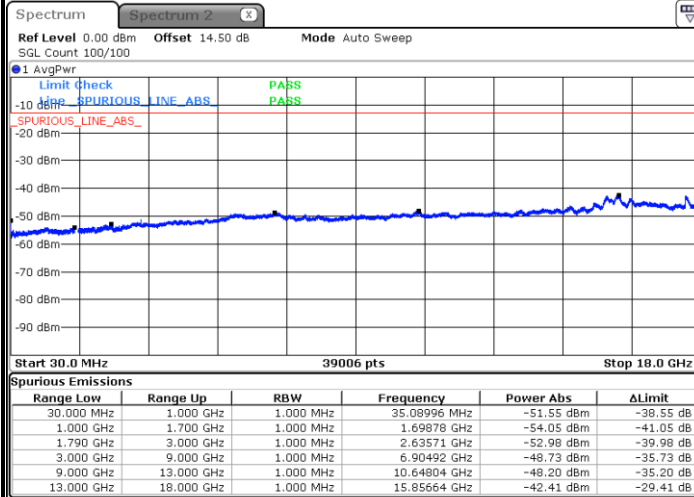


Date: 2.DEC.2024 21:07:32



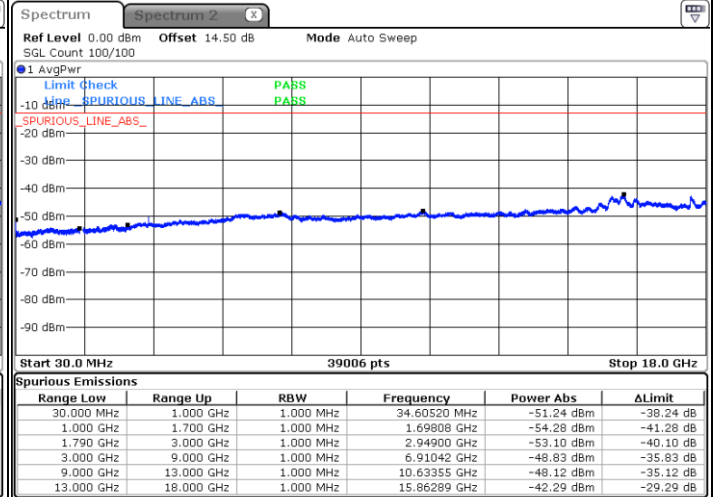
LTE Band 66 / 3MHz

Lowest Channel / QPSK



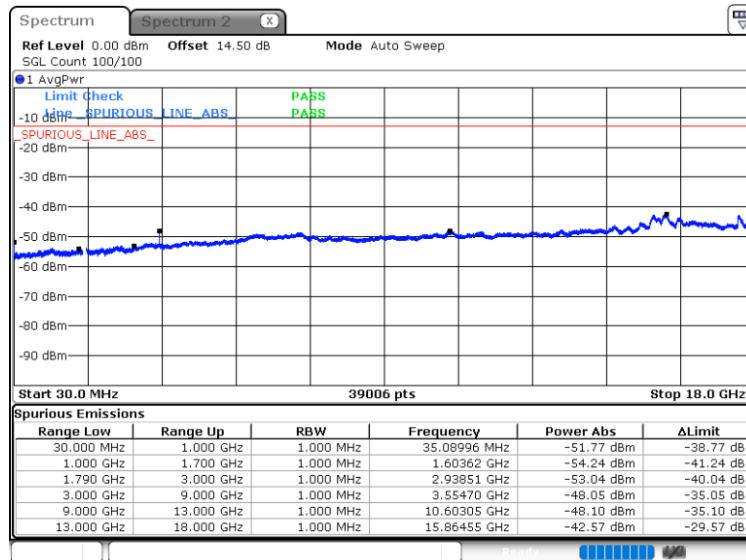
Date: 2.DEC.2024 21:12:06

Middle Channel / QPSK



Date: 2.DEC.2024 21:14:36

Highest Channel / QPSK

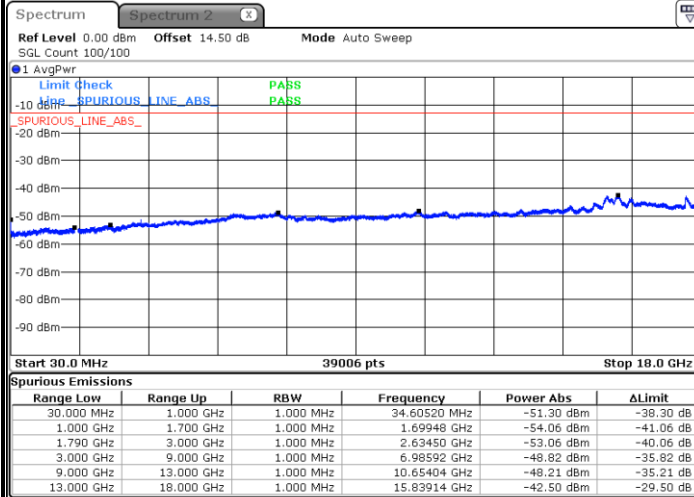


Date: 2.DEC.2024 21:19:47



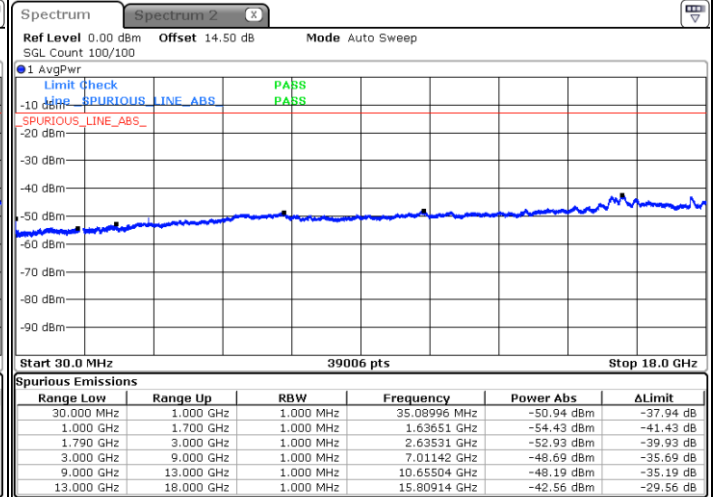
LTE Band 66 / 5MHz

Lowest Channel / QPSK



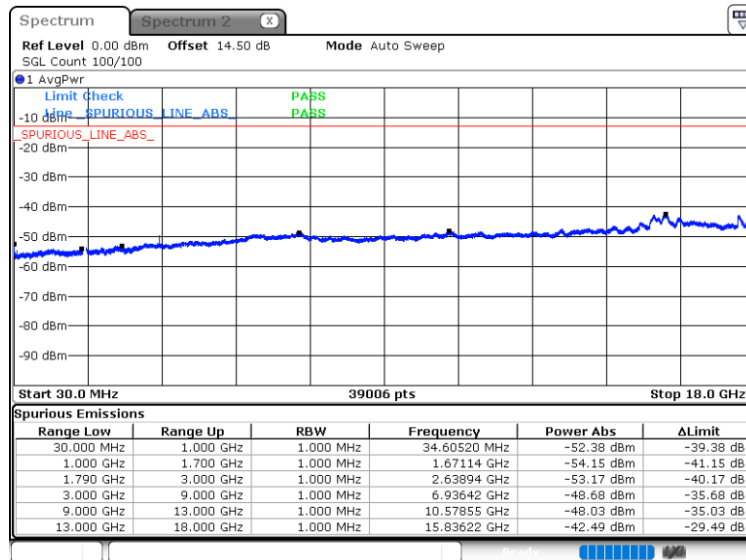
Date: 2.DEC.2024 21:23:00

Middle Channel / QPSK



Date: 2.DEC.2024 21:25:30

Highest Channel / QPSK

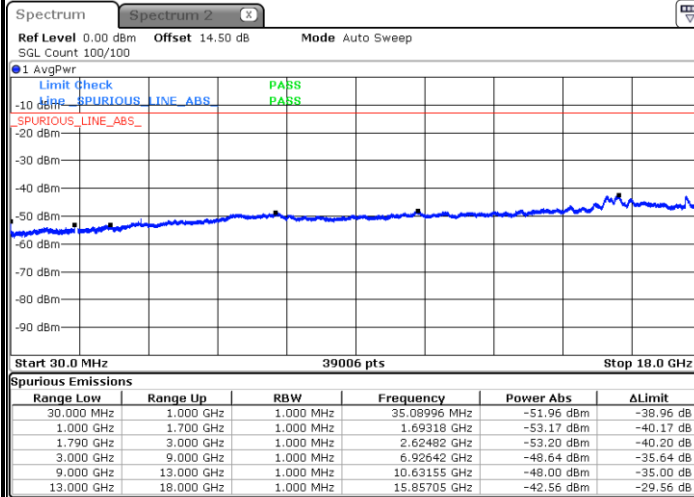


Date: 2.DEC.2024 21:30:41



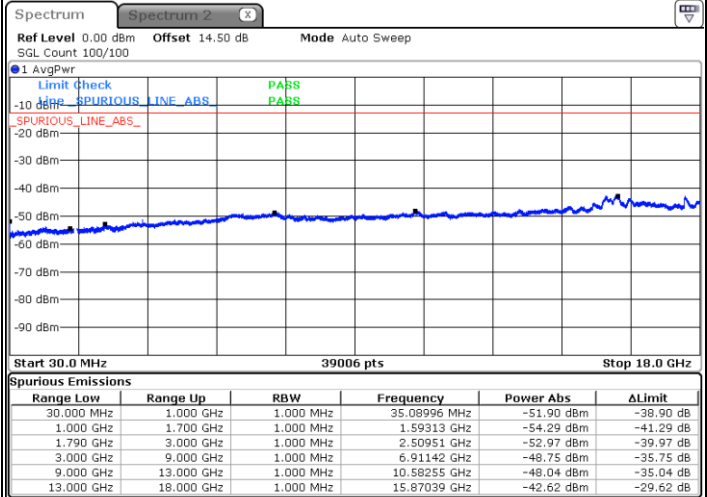
LTE Band 66 / 10MHz

Lowest Channel / QPSK



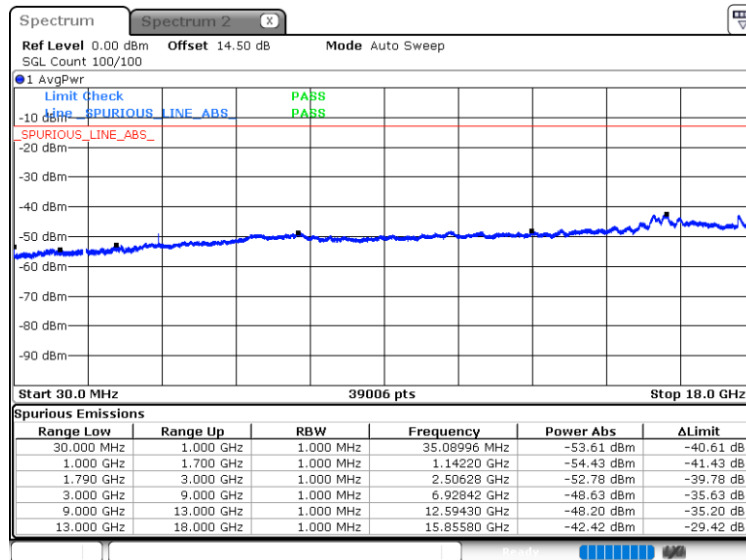
Date: 2.DEC.2024 21:46:10

Middle Channel / QPSK



Date: 2.DEC.2024 21:47:19

Highest Channel / QPSK

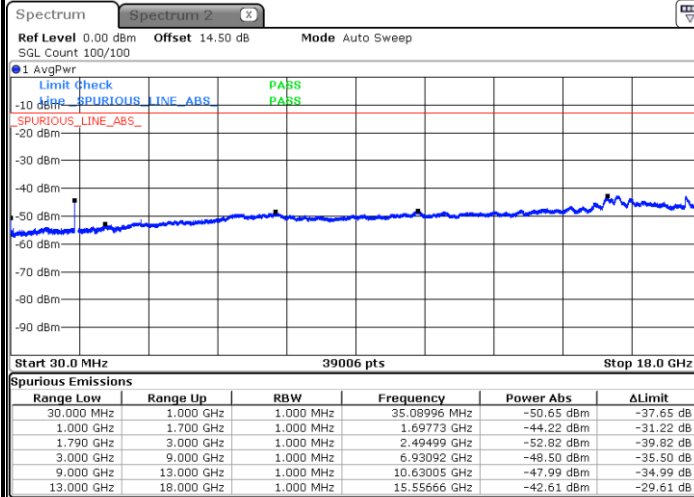


Date: 2.DEC.2024 21:51:10



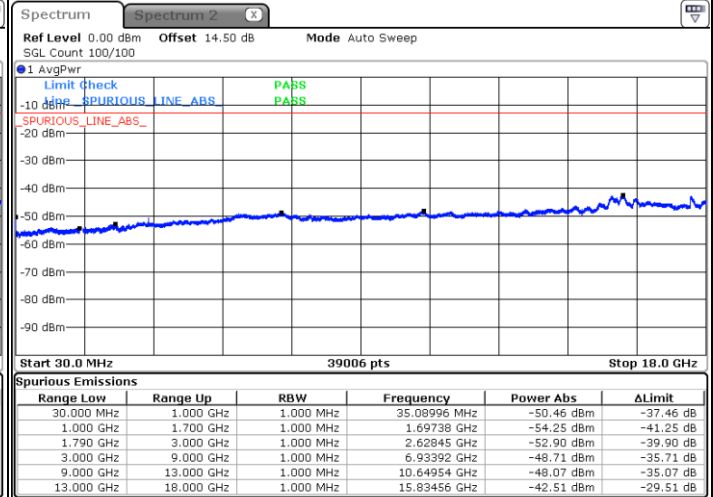
LTE Band 66 / 15MHz

Lowest Channel / QPSK



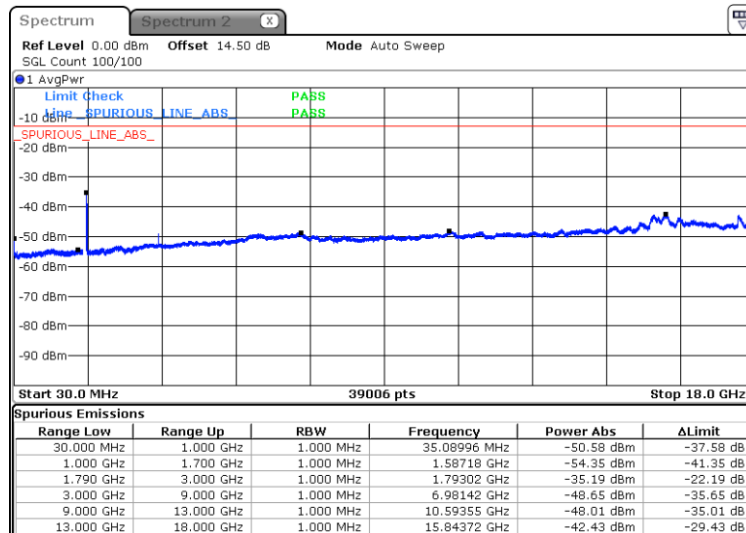
Date: 2.DEC.2024 22:06:06

Middle Channel / QPSK



Date: 2.DEC.2024 22:07:16

Highest Channel / QPSK

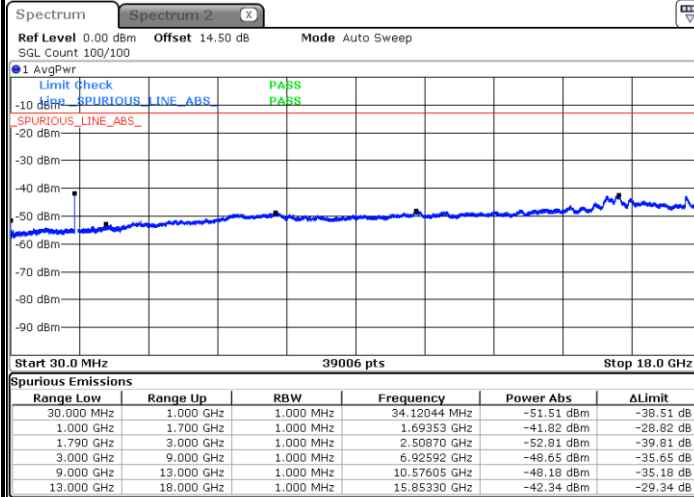


Date: 2.DEC.2024 22:11:07



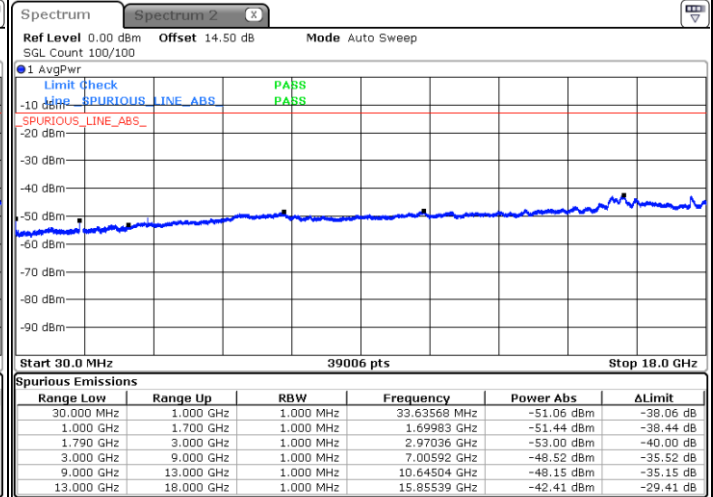
LTE Band 66 / 20MHz

Lowest Channel / QPSK



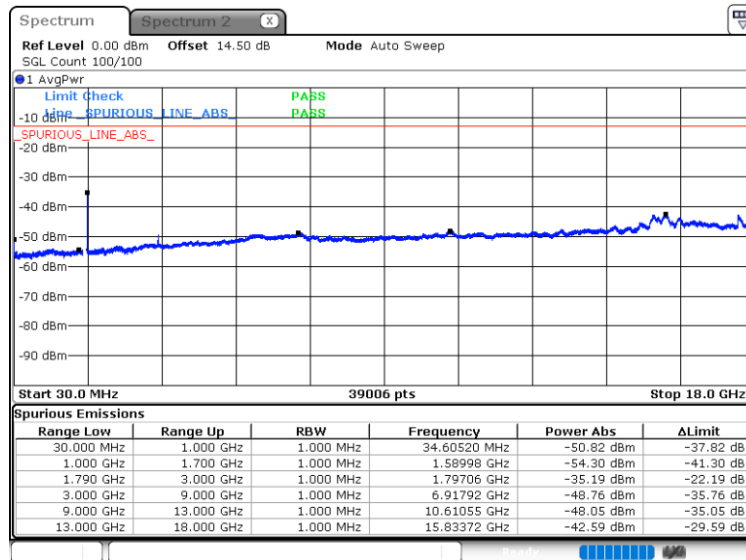
Date: 2.DEC.2024 22:15:00

Middle Channel / QPSK



Date: 2.DEC.2024 22:16:10

Highest Channel / QPSK



Date: 2.DEC.2024 22:20:15

**Frequency Stability**

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage = 3.87 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.75 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

LTE Band 2 / 20MHz / QPSK									
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	3742.18	-52.01	-13	-39.01	-74.85	-58.76	5.85	12.60	H
	5613.27	-57.41	-13	-44.41	-81.54	-63.21	7.30	13.10	H
	7484.36	-55.26	-13	-42.26	-81.92	-58.41	8.35	11.50	H
	3742.18	-53.08	-13	-40.08	-77.93	-59.83	5.85	12.60	V
	5613.27	-56.68	-13	-43.68	-81.66	-62.48	7.30	13.10	V
	7484.36	-55.17	-13	-42.17	-81.81	-58.32	8.35	11.50	V

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

LTE Band 5 / 10MHz / QPSK									
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	1664.18	-27.00	-13	-14.00	-38.61	-30.25	4.00	9.40	H
	2496.27	-50.82	-13	-37.82	-69.69	-54.39	4.88	10.60	H
	3328.36	-39.53	-13	-26.53	-60.41	-44.46	5.52	12.60	H
	4160	-51.35	-13	-38.35	-73.18	-55.82	6.00	12.62	H
	4992	-58.57	-13	-45.57	-81.22	-61.98	7.14	12.70	H
	1664.18	-26.60	-13	-13.60	-38.88	-29.85	4.00	9.40	V
	2496.27	-50.24	-13	-37.24	-69.37	-53.81	4.88	10.60	V
	3328.36	-32.34	-13	-19.34	-53.72	-37.27	5.52	12.60	V
	4160	-42.88	-13	-29.88	-67.11	-47.35	6.00	12.62	V
	4992	-53.72	-13	-40.72	-78.05	-57.13	7.14	12.70	V

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

LTE Band 12 / 10MHz / QPSK									
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	-35.73	-13	-22.73	-46.48	-38.98	4.00	9.40	H
	2109	-45.05	-13	-32.05	-62.46	-48.62	4.88	10.60	H
	2812	-40.03	-13	-27.03	-59.09	-44.96	5.52	12.60	H
	3515	-38.76	-13	-25.76	-60.99	-43.23	6.00	12.62	H
	4218	-52.70	-13	-39.70	-74.59	-56.11	7.14	12.70	H
	4921	-53.85	-13	-40.85	-76.85	-57.08	7.62	13.00	H
	1406	-28.71	-13	-15.71	-40.52	-31.96	4.00	9.40	V
	2109	-41.20	-13	-28.20	-58.40	-44.77	4.88	10.60	V
	2812	-44.75	-13	-31.75	-64.62	-49.68	5.52	12.60	V
	3515	-35.02	-13	-22.02	-57.65	-39.49	6.00	12.62	V
	4218	-45.40	-13	-32.40	-69.53	-48.81	7.14	12.70	V
	4921	-50.11	-13	-37.11	-74.37	-53.34	7.62	13.00	V

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

LTE Band 13 / 5MHz / QPSK									
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	-62.85	-42.15	-20.70	-74.11	-66.10	4.00	9.40	H
	2339.25	-60.78	-13	-47.78	-78.80	-64.35	4.88	10.60	H
	3119	-57.40	-13	-44.40	-77.39	-62.33	5.52	12.60	H
	3898.75	-50.63	-13	-37.63	-73.90	-55.10	6.00	12.62	H
	4678.5	-52.60	-13	-39.60	-76.48	-56.01	7.14	12.70	H
	5458.25	-51.84	-13	-38.84	-76.43	-55.07	7.62	13.00	H
	1559.5	-64.04	-42.15	-21.89	-75.92	-67.29	4.00	9.40	V
	2339.25	-60.16	-13	-47.16	-78.55	-63.73	4.88	10.60	V
	3119	-57.11	-13	-44.11	-78.90	-62.04	5.52	12.60	V
	3898.75	-44.84	-13	-31.84	-69.47	-49.31	6.00	12.62	V
	4678.5	-50.75	-13	-37.75	-74.89	-54.16	7.14	12.70	V
	5458.25	-53.23	-13	-40.23	-77.41	-56.46	7.62	13.00	V

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

LTE Band 13 / 10MHz / QPSK									
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	-64.62	-42.15	-22.47	-75.88	-67.87	4.00	9.40	H
	2339.25	-60.75	-13	-47.75	-78.77	-64.32	4.88	10.60	H
	3119	-59.03	-13	-46.03	-79.02	-63.96	5.52	12.60	H
	1559.5	-64.28	-42.15	-22.13	-76.16	-67.53	4.00	9.40	V
	2339.25	-60.21	-13	-47.21	-78.60	-63.78	4.88	10.60	V
	3119	-57.47	-13	-44.47	-79.26	-62.40	5.52	12.60	V

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



LTE Band 66 / 20MHz / QPSK									
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	3472	-51.79	-13	-38.79	-73.64	-58.64	5.65	12.50	H
	5208	-57.74	-13	-44.74	-81.86	-63.41	7.13	12.80	H
	6944	-56.16	-13	-43.16	-81.82	-59.56	8.40	11.80	H
	3472	-47.34	-13	-34.34	-68.99	-54.19	5.65	12.50	V
	5208	-57.44	-13	-44.44	-81.73	-63.11	7.13	12.80	V
	6944	-55.27	-13	-42.27	-81.66	-58.67	8.40	11.80	V

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