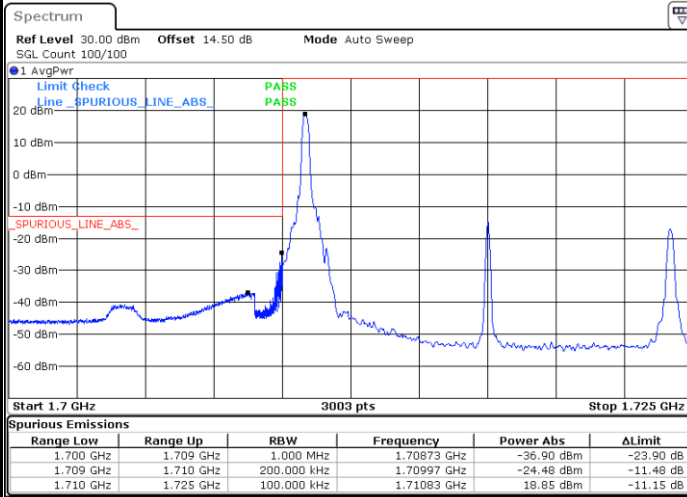




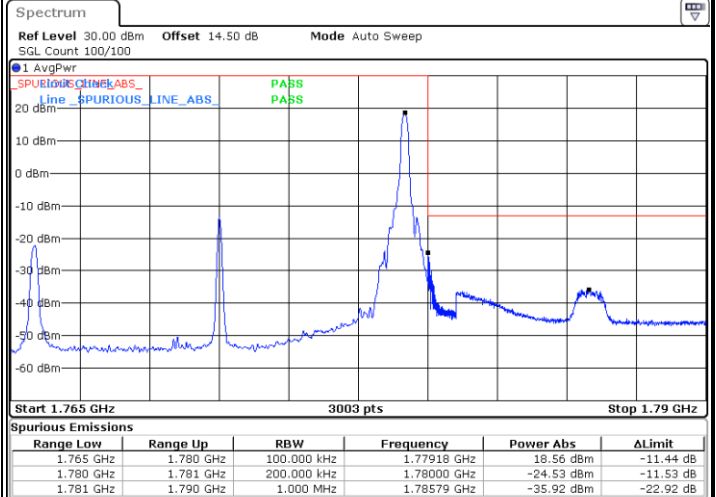
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



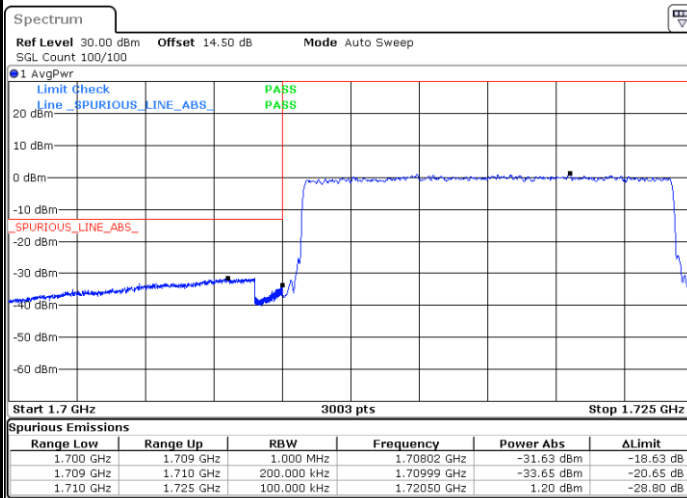
Date: 3.NOV.2023 14:34:07

Highest Band Edge / 1 RB



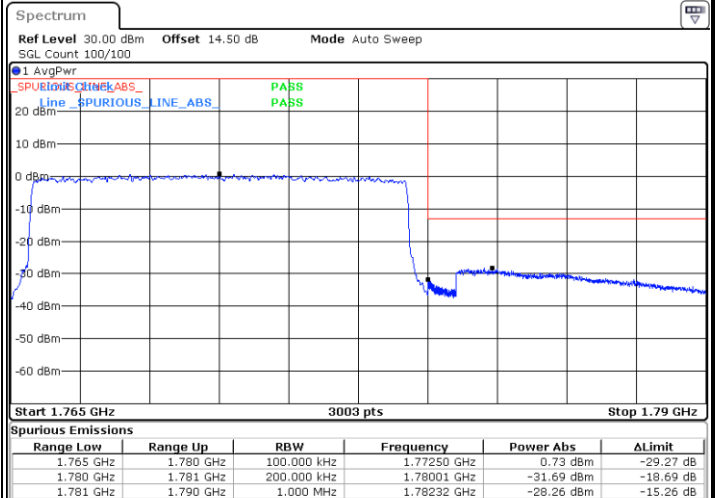
Date: 3.NOV.2023 14:37:24

Lowest Band Edge / Full RB



Date: 3.NOV.2023 14:34:41

Highest Band Edge / Full RB

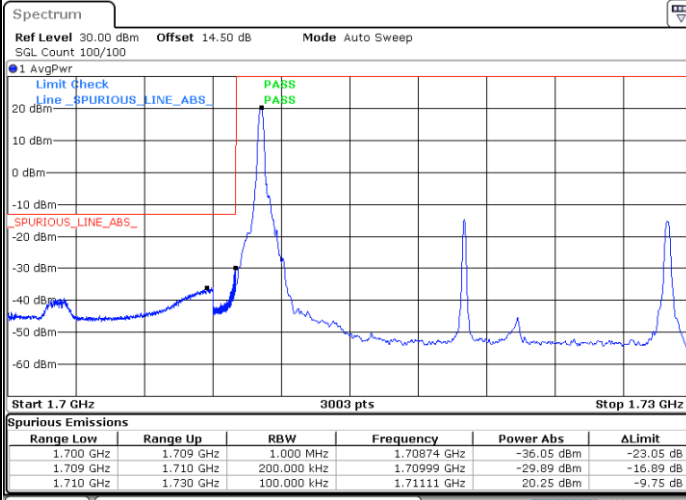


Date: 3.NOV.2023 14:36:46



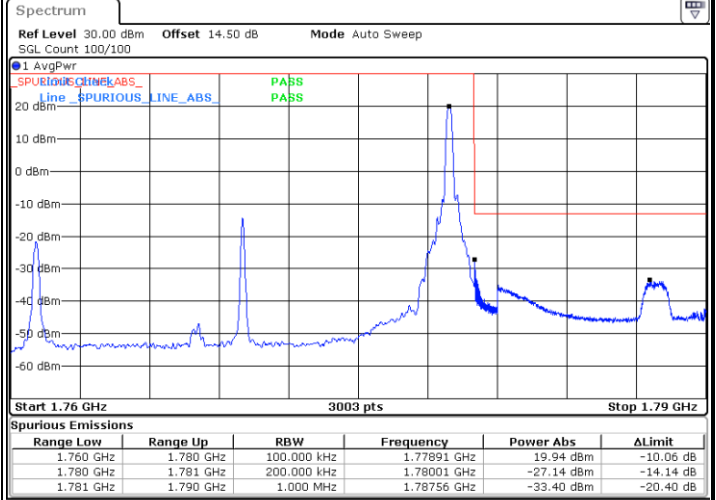
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1RB



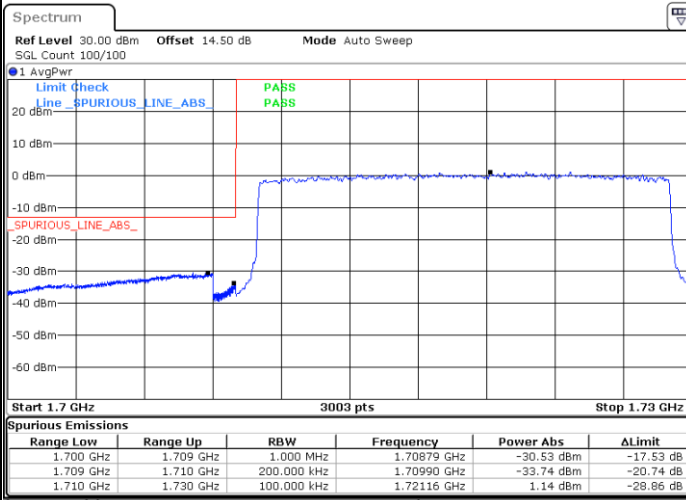
Date: 3.NOV.2023 14:42:30

Highest Band Edge / 1RB



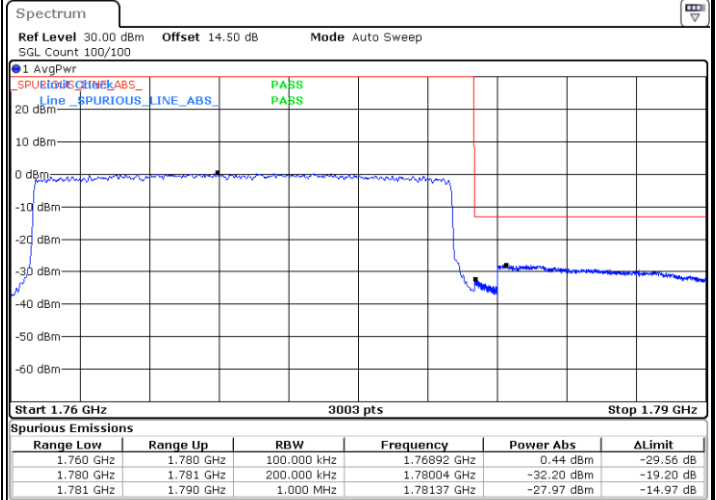
Date: 3.NOV.2023 14:48:08

Lowest Band Edge / Full RB



Date: 3.NOV.2023 14:45:16

Highest Band Edge / Full RB

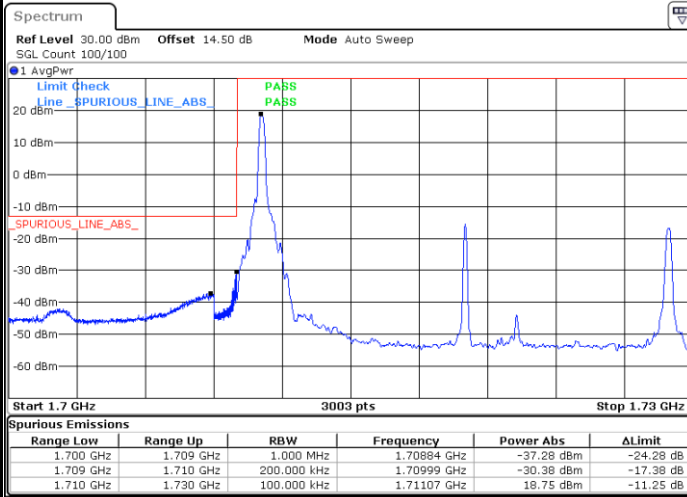


Date: 3.NOV.2023 14:45:54



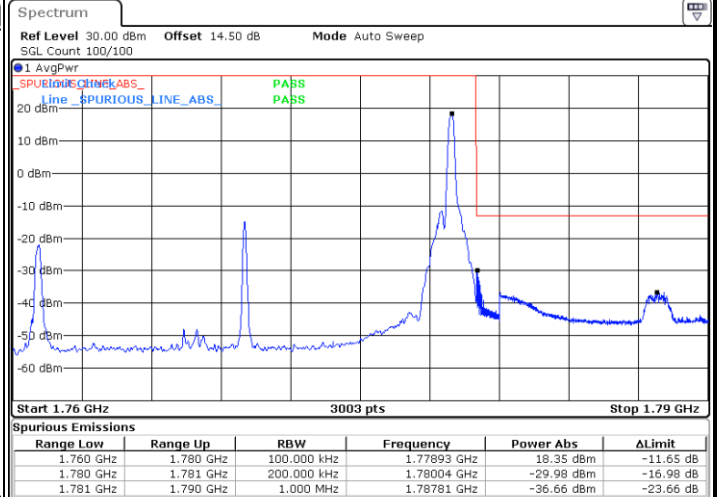
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



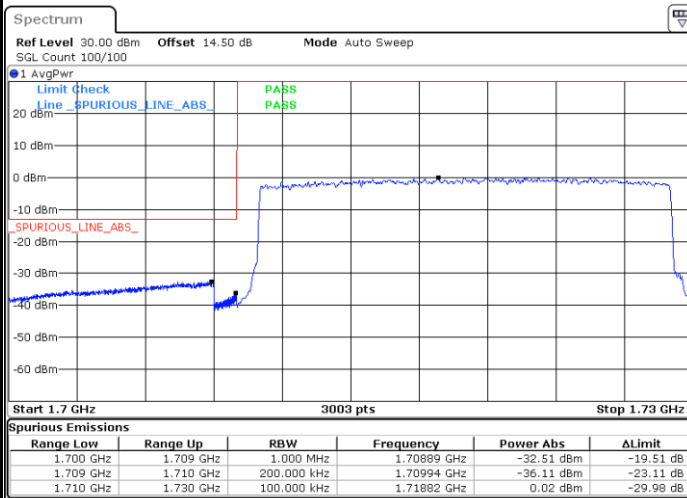
Date: 3.NOV.2023 14:43:46

Highest Band Edge / 1 RB



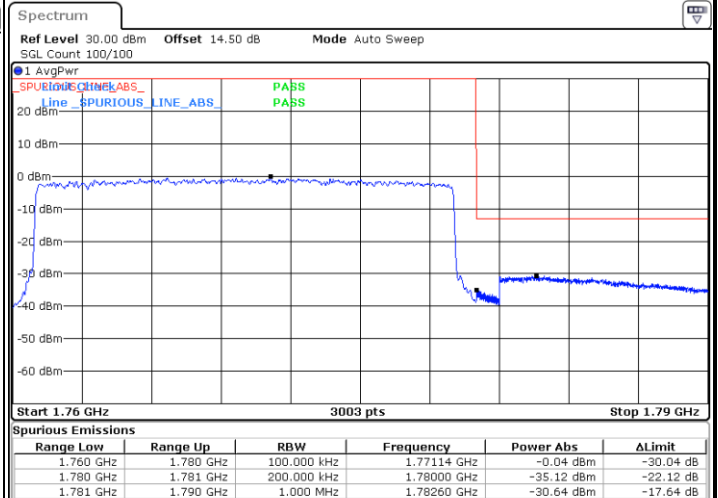
Date: 3.NOV.2023 14:46:58

Lowest Band Edge / Full RB



Date: 3.NOV.2023 14:44:48

Highest Band Edge / Full RB



Date: 3.NOV.2023 14:46:21

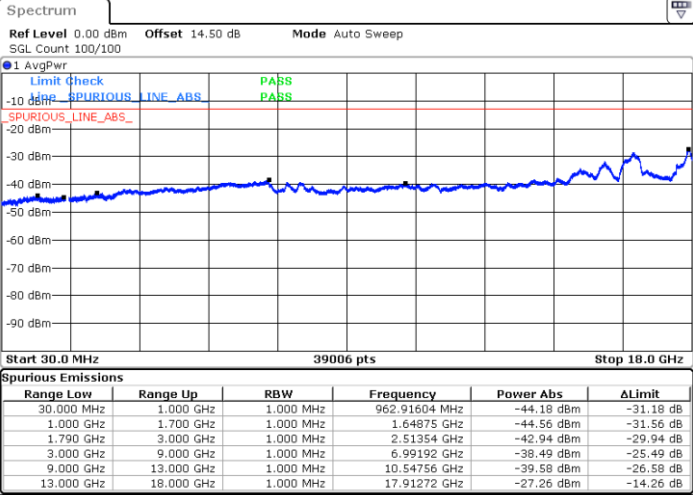
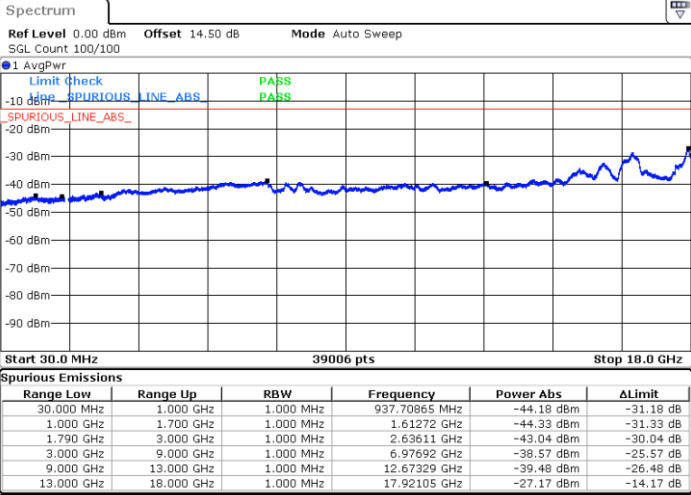


Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

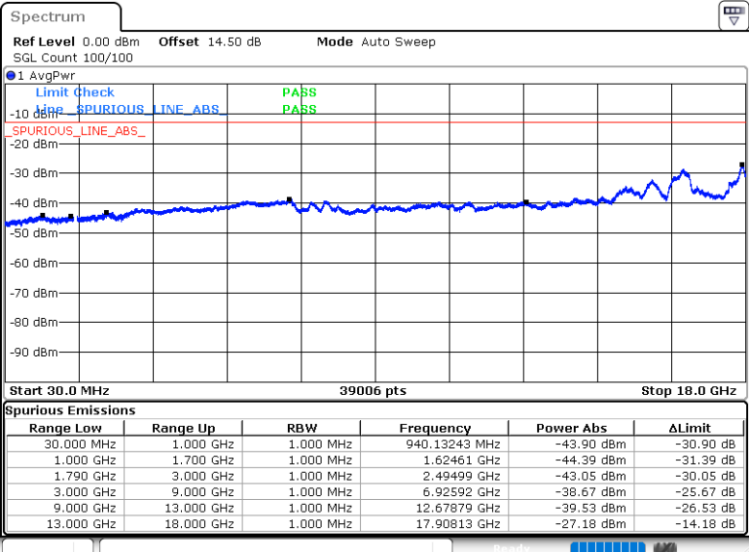
Middle Channel / QPSK



Date: 3.NOV.2023 13:33:00

Date: 3.NOV.2023 13:39:55

Highest Channel / QPSK



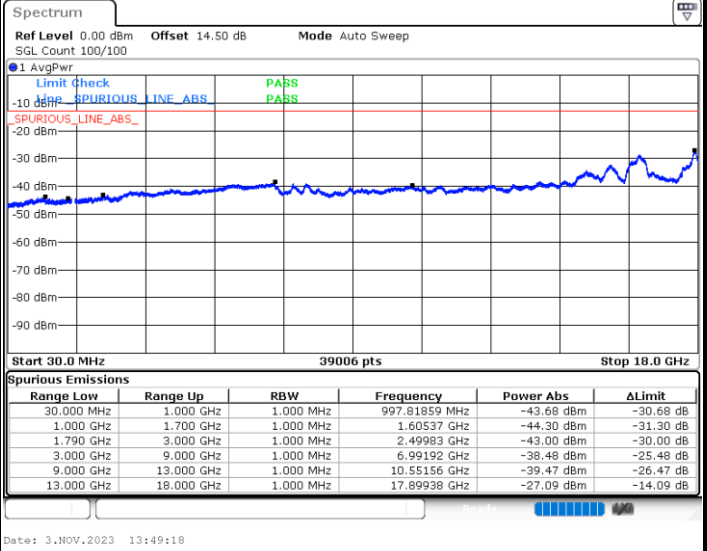
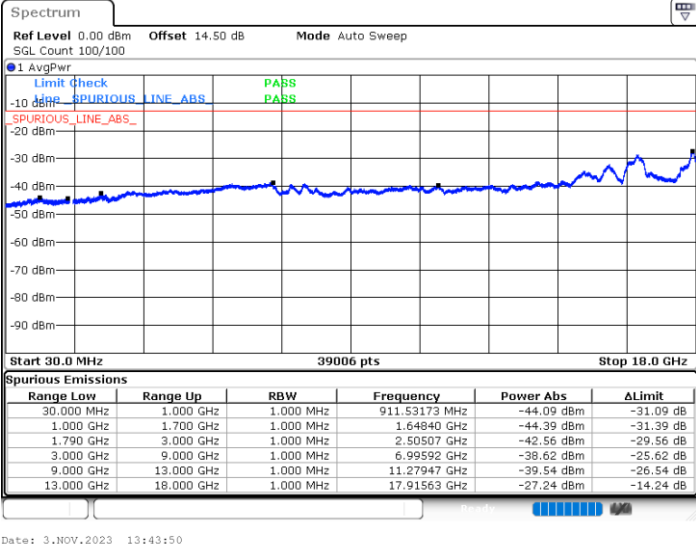
Date: 3.NOV.2023 13:38:47



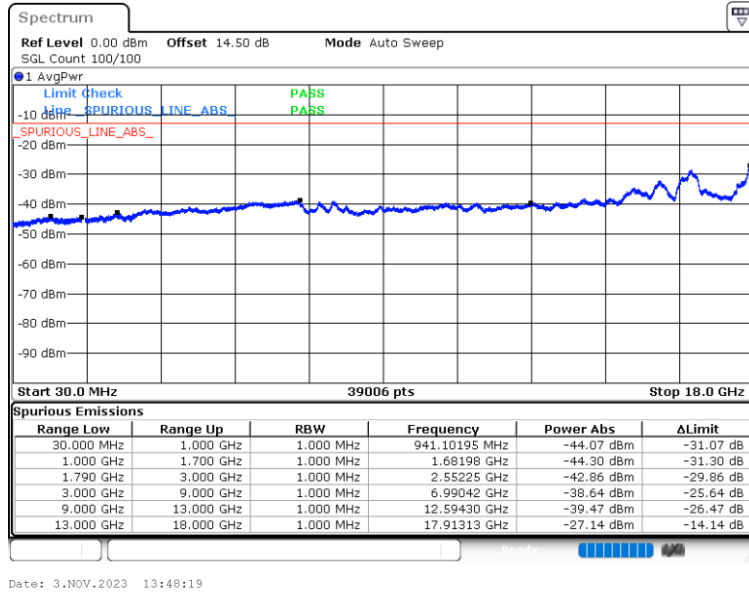
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

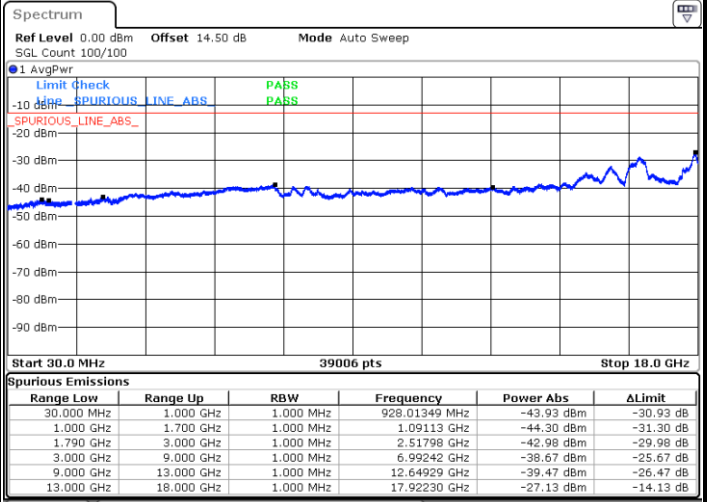
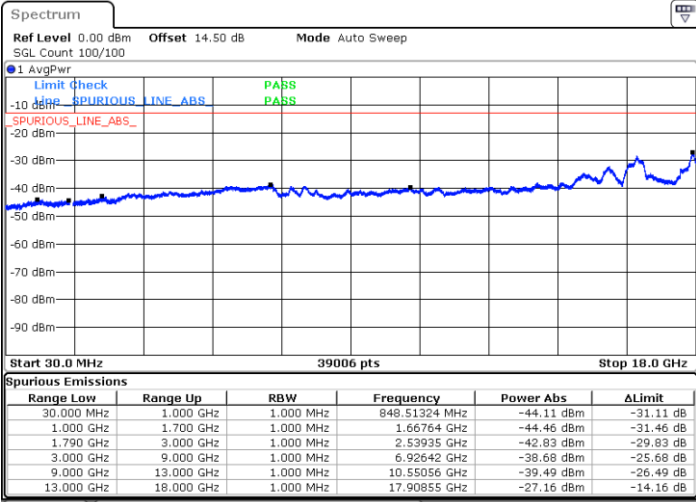




LTE Band 66 / 5MHz

Lowest Channel / QPSK

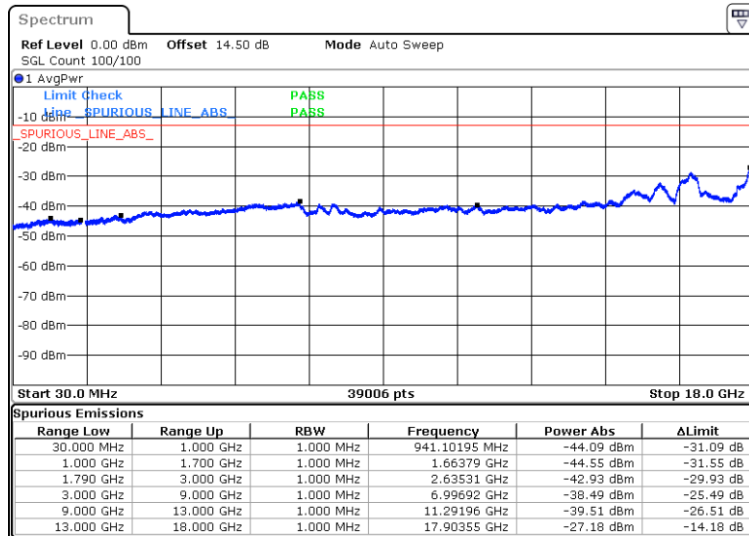
Middle Channel / QPSK



Date: 3.NOV.2023 13:53:34

Date: 3.NOV.2023 13:59:35

Highest Channel / QPSK



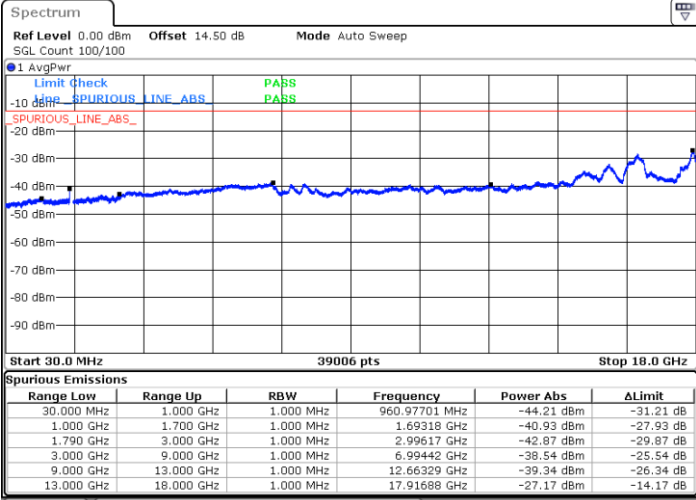
Date: 3.NOV.2023 13:58:35



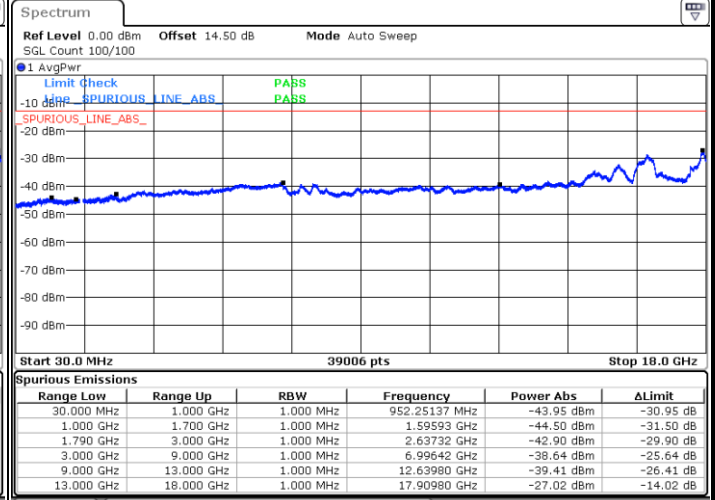
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

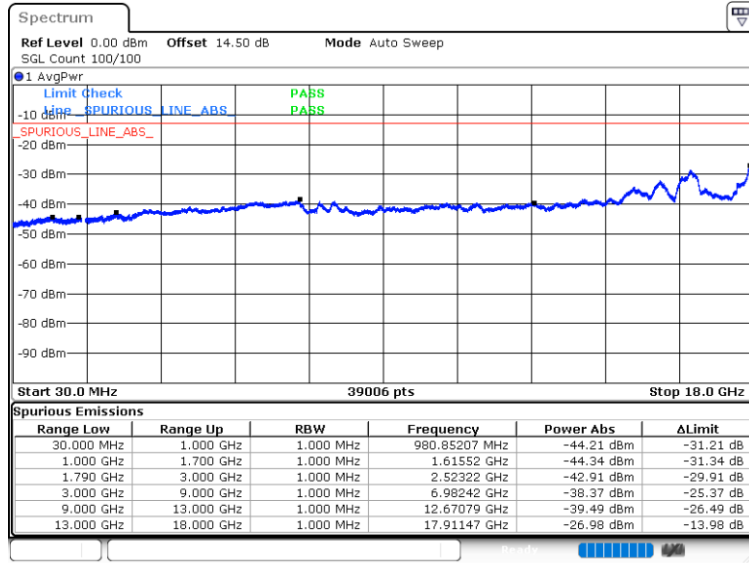


Date: 3.NOV.2023 14:13:51



Date: 3.NOV.2023 14:24:00

Highest Channel / QPSK



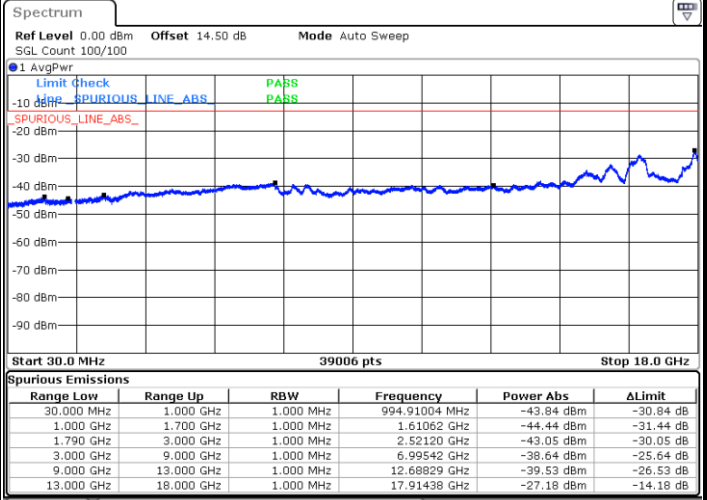
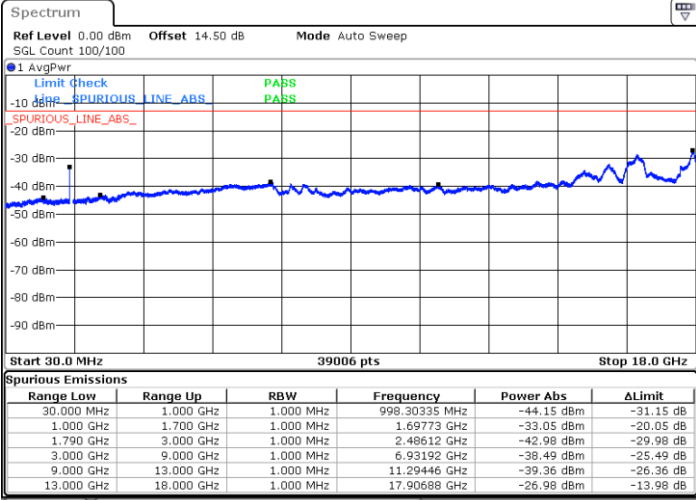
Date: 3.NOV.2023 14:22:33



LTE Band 66 / 15MHz

Lowest Channel / QPSK

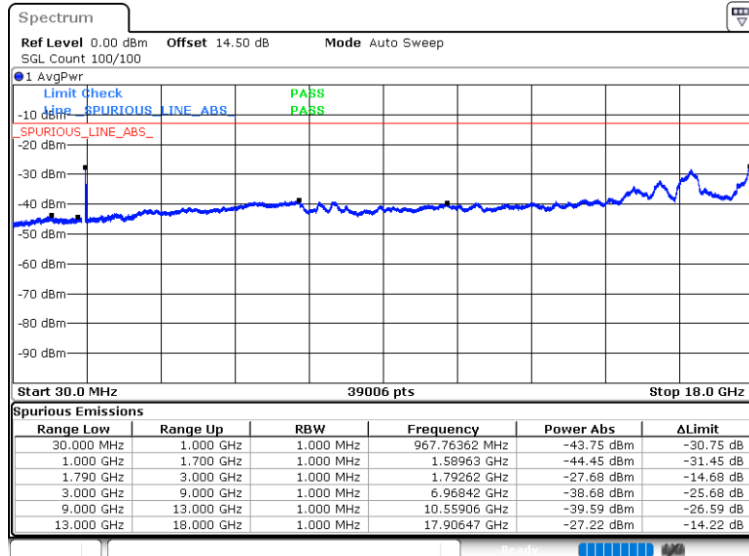
Middle Channel / QPSK



Date: 3.NOV.2023 14:29:01

Date: 3.NOV.2023 14:39:59

Highest Channel / QPSK



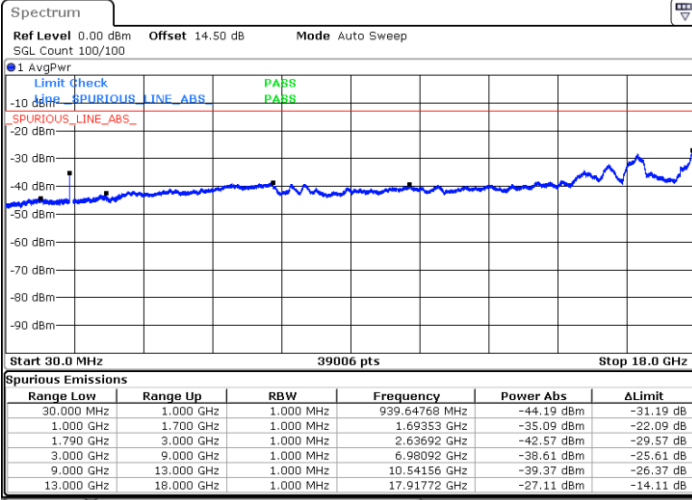
Date: 3.NOV.2023 14:38:49



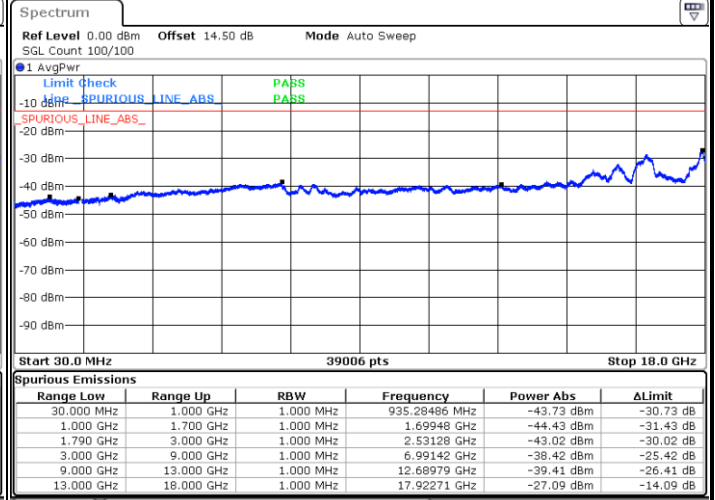
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

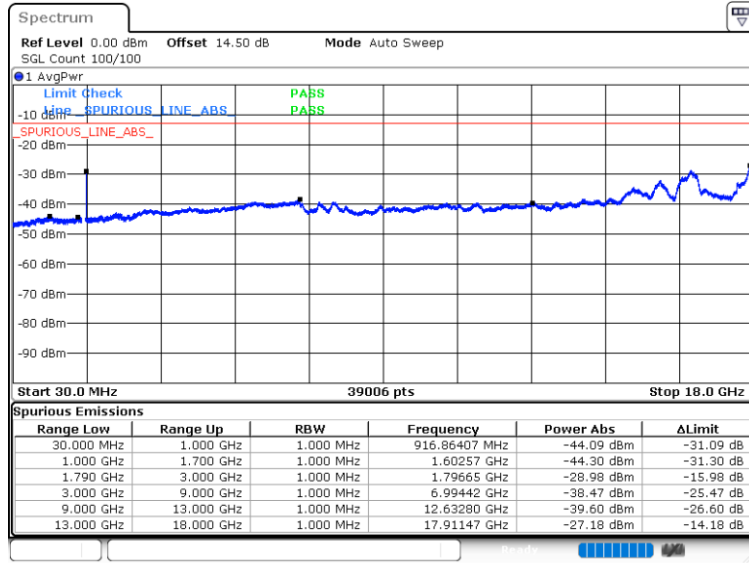


Date: 3.NOV.2023 14:43:17



Date: 3.NOV.2023 14:51:20

Highest Channel / QPSK



Date: 3.NOV.2023 14:50:00



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	0.0003	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	ZhanSheng Liu	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	-45.14	-13	-32.14	-68.18	-51.89	5.85	12.60	H
	5613.27	-51.34	-13	-38.34	-75.92	-57.14	7.30	13.10	H
	7484.36	-52.59	-13	-39.59	-79.67	-55.74	8.35	11.50	H
	3742.18	-46.99	-13	-33.99	-72.04	-53.74	5.85	12.60	V
	5613.27	-55.78	-13	-42.78	-81.21	-61.58	7.30	13.10	V
	7484.36	-48.73	-13	-35.73	-75.79	-51.88	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	-63.72	-13	-50.72	-75.92	-66.97	4.00	9.40	H
	2496.27	-59.31	-13	-46.31	-78.68	-62.88	4.88	10.60	H
	3328.36	-58.47	-13	-45.47	-79.72	-63.40	5.52	12.60	H
	1664.18	-63.09	-13	-50.09	-75.96	-66.34	4.00	9.40	V
	2496.27	-58.65	-13	-45.65	-78.28	-62.22	4.88	10.60	V
	3328.36	-57.85	-13	-44.85	-79.60	-62.78	5.52	12.60	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	-64.81	-13	-51.81	-76.07	-68.06	4.00	9.40	H
	2109	-59.83	-13	-46.83	-77.98	-63.40	4.88	10.60	H
	2812	-59.38	-13	-46.38	-78.82	-64.31	5.52	12.60	H
	1406	-63.71	-13	-50.71	-76.03	-66.96	4.00	9.40	V
	2109	-60.44	-13	-47.44	-78.38	-64.01	4.88	10.60	V
	2812	-58.35	-13	-45.35	-78.60	-63.28	5.52	12.60	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	-64.16	-42.15	-22.01	-75.94	-67.41	4.00	9.40	H
	2339.25	-59.58	-13	-46.58	-78.19	-63.15	4.88	10.60	H
	3119	-58.25	-13	-45.25	-78.57	-63.18	5.52	12.60	H
	1559.5	-62.62	-42.15	-20.47	-75.02	-65.87	4.00	9.40	V
	2339.25	-59.37	-13	-46.37	-78.35	-62.94	4.88	10.60	V
	3119	-56.21	-13	-43.21	-78.33	-61.14	5.52	12.60	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	-64.60	-42.15	-22.45	-76.38	-67.85	4.00	9.40	H
	2339.25	-59.61	-13	-46.61	-78.22	-63.18	4.88	10.60	H
	3119	-57.99	-13	-44.99	-78.31	-62.92	5.52	12.60	H
	1559.5	-63.67	-42.15	-21.52	-76.07	-66.92	4.00	9.40	V
	2339.25	-59.37	-13	-46.37	-78.35	-62.94	4.88	10.60	V
	3119	-56.26	-13	-43.26	-78.38	-61.19	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	-55.94	-13	-42.94	-78.19	-62.79	5.65	12.50	H
	5208	-56.75	-13	-43.75	-81.66	-62.42	7.13	12.80	H
	6944	-55.51	-13	-42.51	-81.84	-58.91	8.40	11.80	H
	3472	-54.11	-13	-41.11	-76.16	-60.96	5.65	12.50	V
	5208	-56.17	-13	-43.17	-81.25	-61.84	7.13	12.80	V
	6944	-54.54	-13	-41.54	-81.6	-57.94	8.40	11.80	V

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