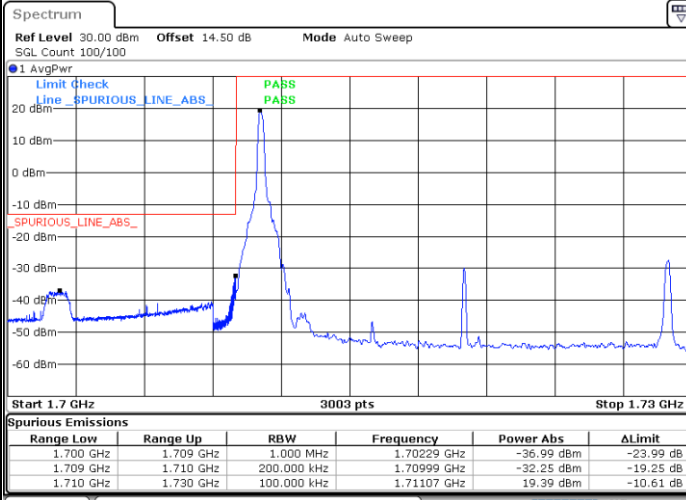




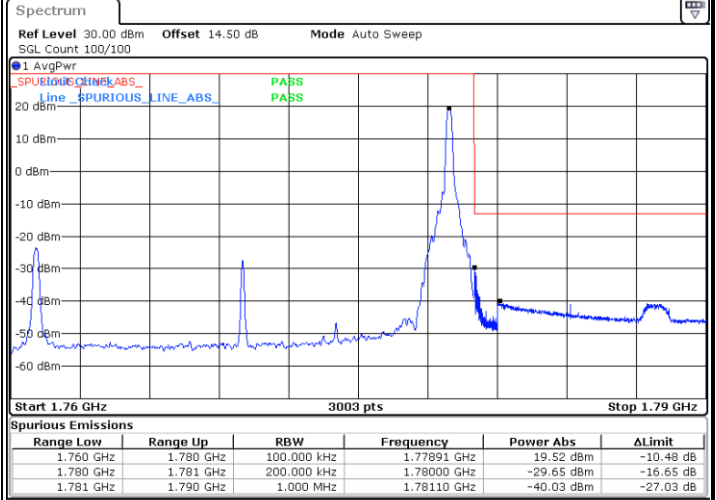
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



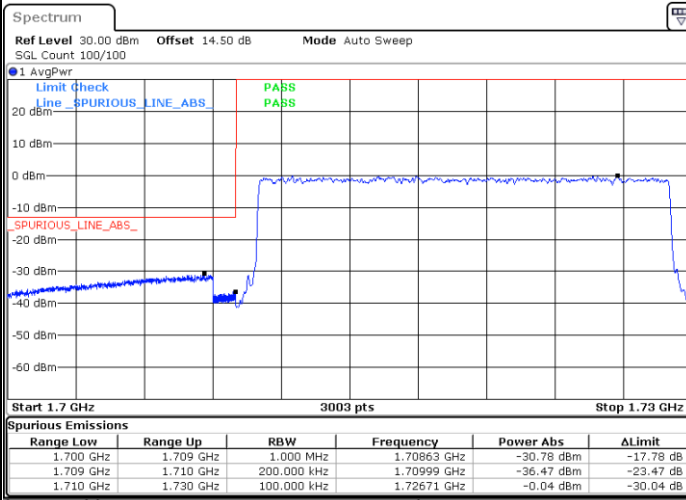
Date: 27.SEP.2023 11:36:52

Highest Band Edge / 1 RB



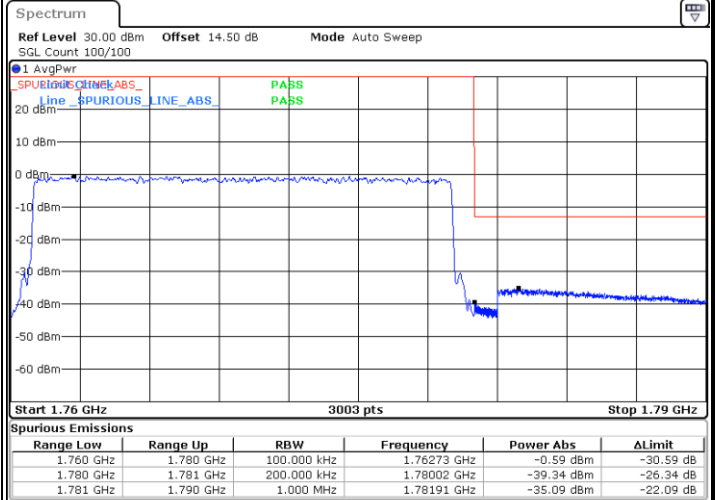
Date: 27.SEP.2023 11:46:19

Lowest Band Edge / Full RB



Date: 27.SEP.2023 11:38:51

Highest Band Edge / Full RB

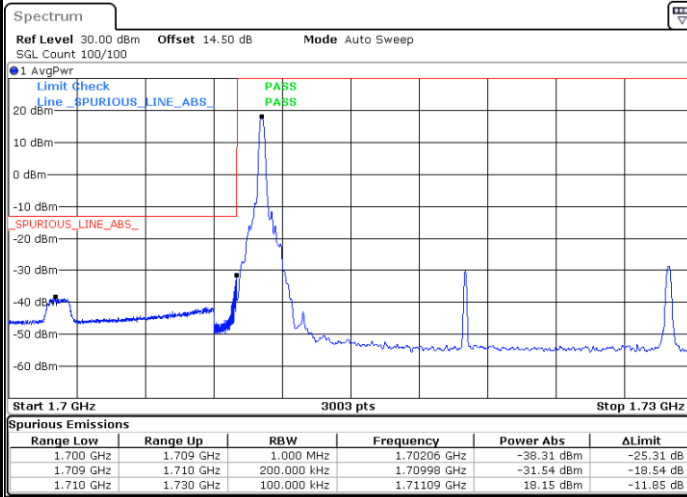


Date: 27.SEP.2023 11:48:15



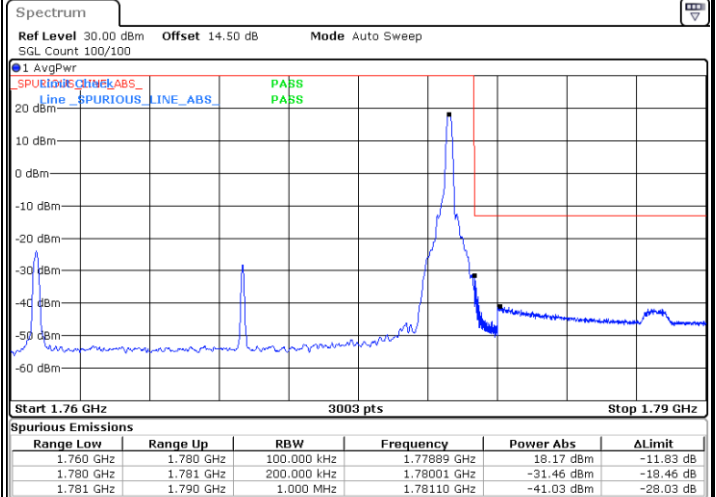
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



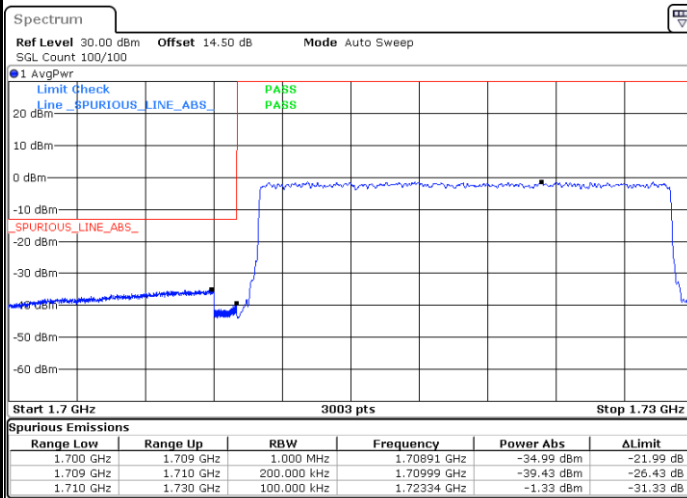
Date: 27.SEP.2023 11:37:33

Highest Band Edge / 1 RB



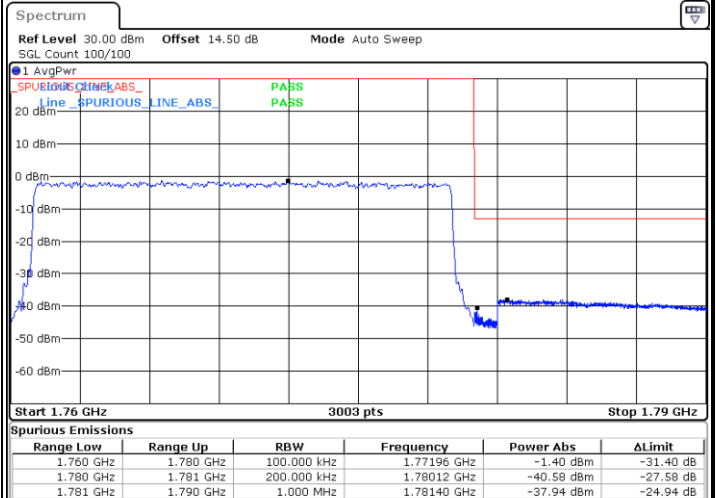
Date: 27.SEP.2023 11:46:58

Lowest Band Edge / Full RB



Date: 27.SEP.2023 11:39:29

Highest Band Edge / Full RB



Date: 27.SEP.2023 11:48:54

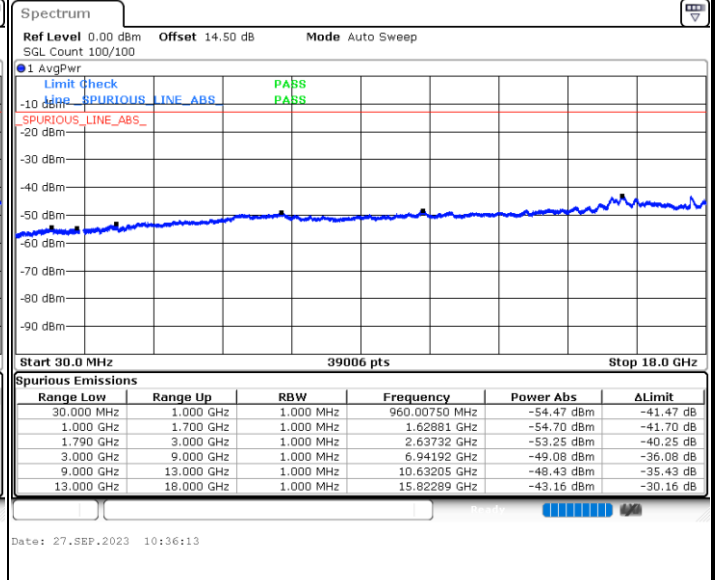
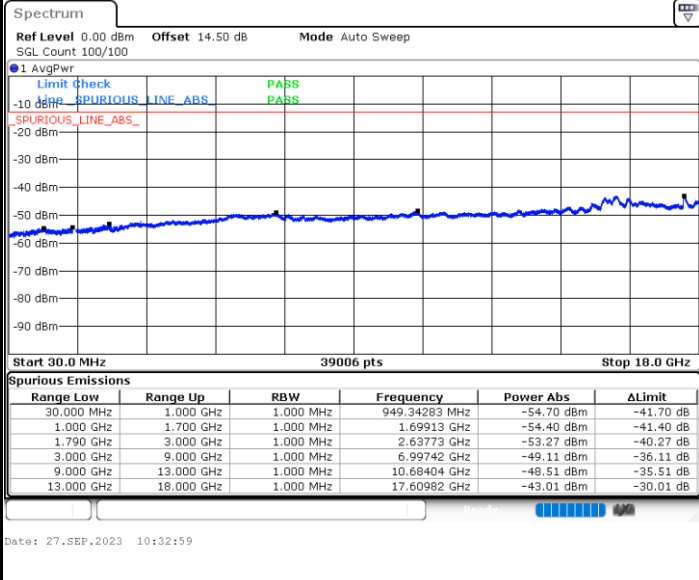


Conducted Spurious Emission

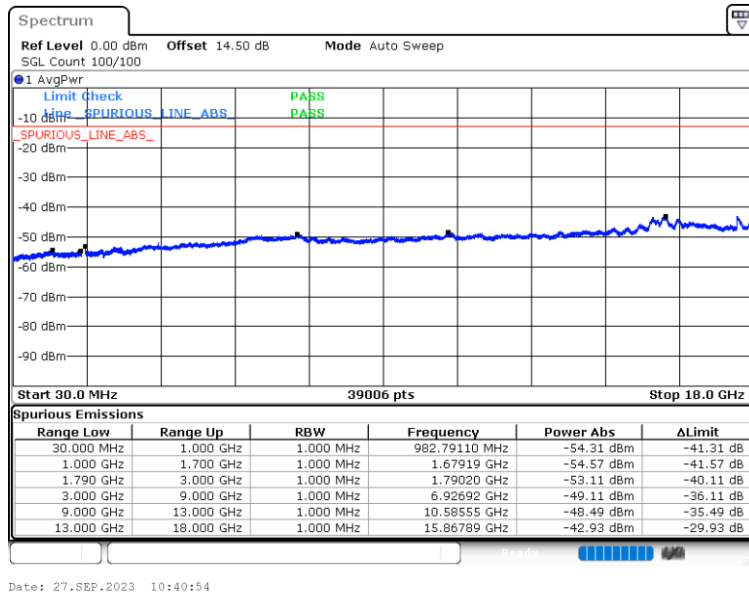
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK



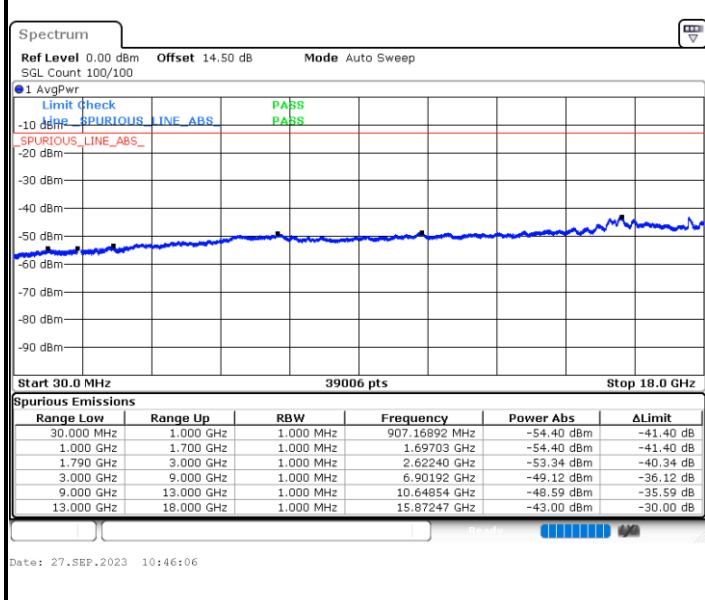
Highest Channel / QPSK



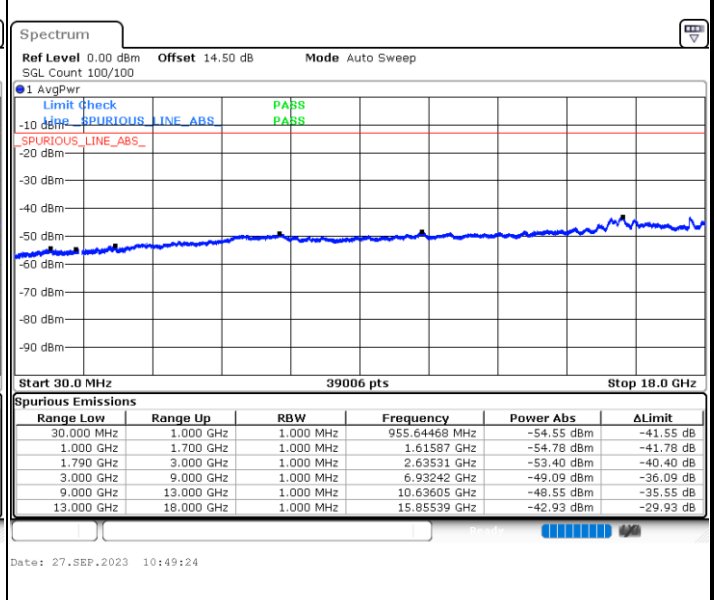


LTE Band 66 / 3MHz

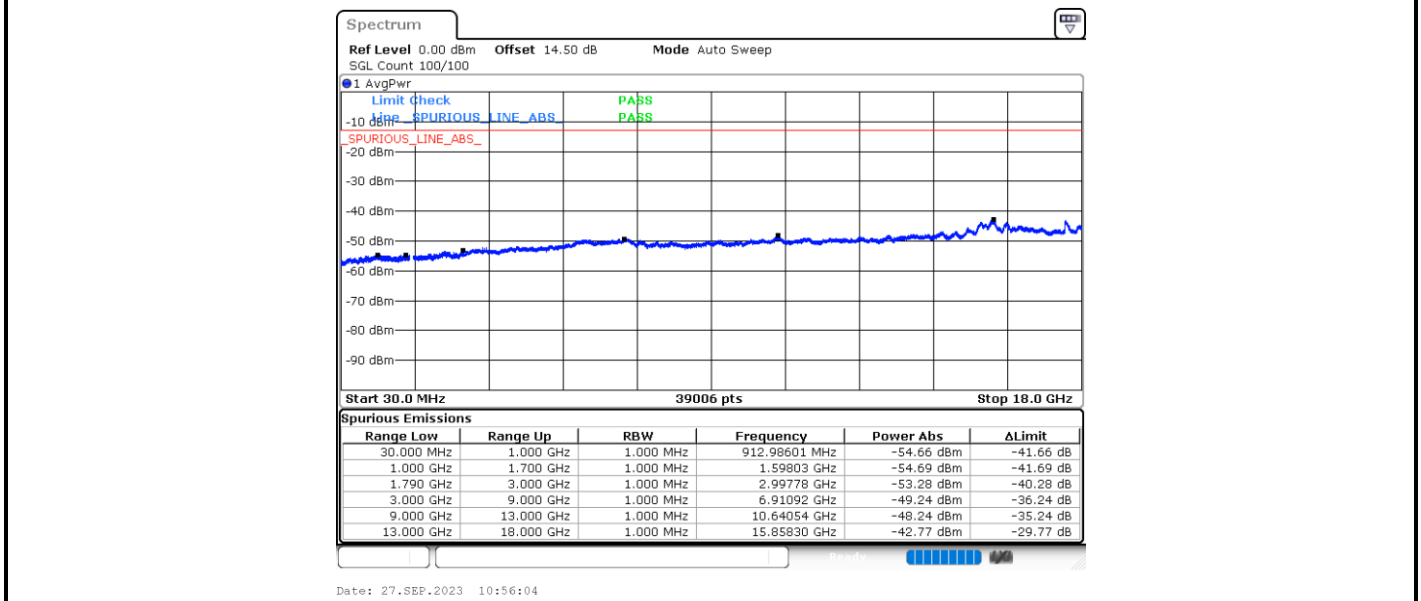
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

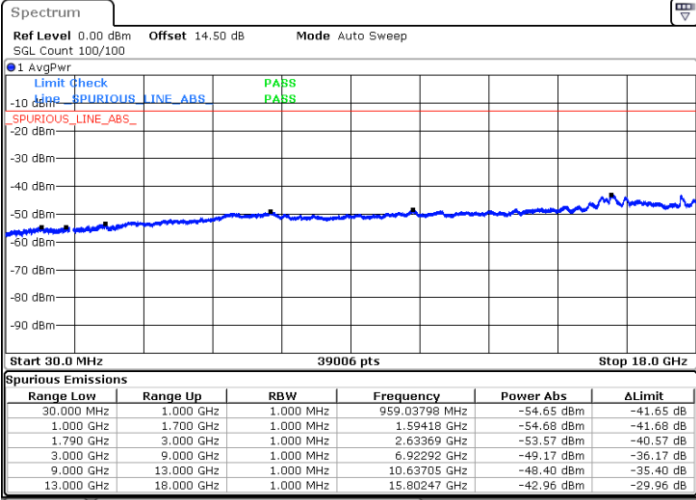




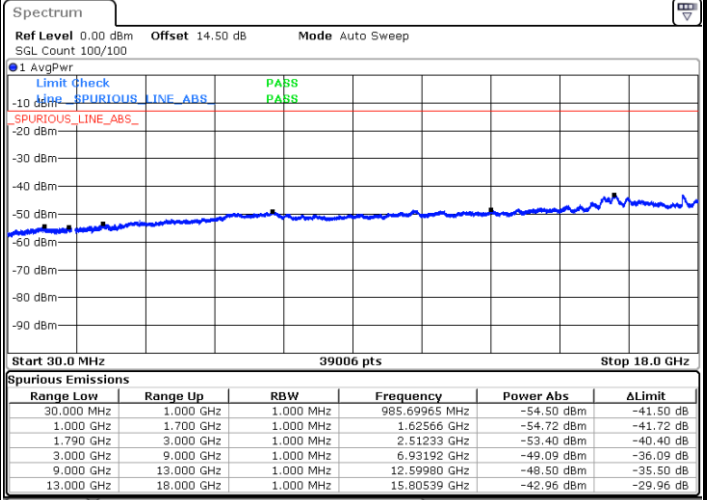
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

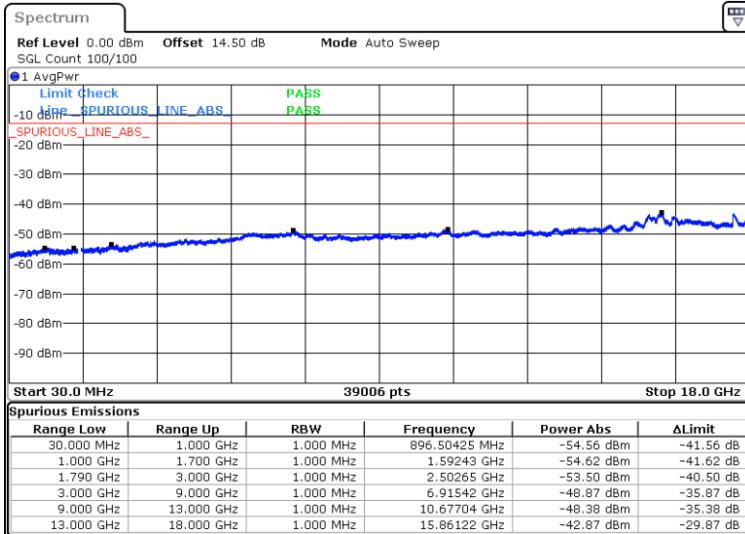


Date: 27.SEP.2023 10:59:20



Date: 27.SEP.2023 11:02:37

Highest Channel / QPSK

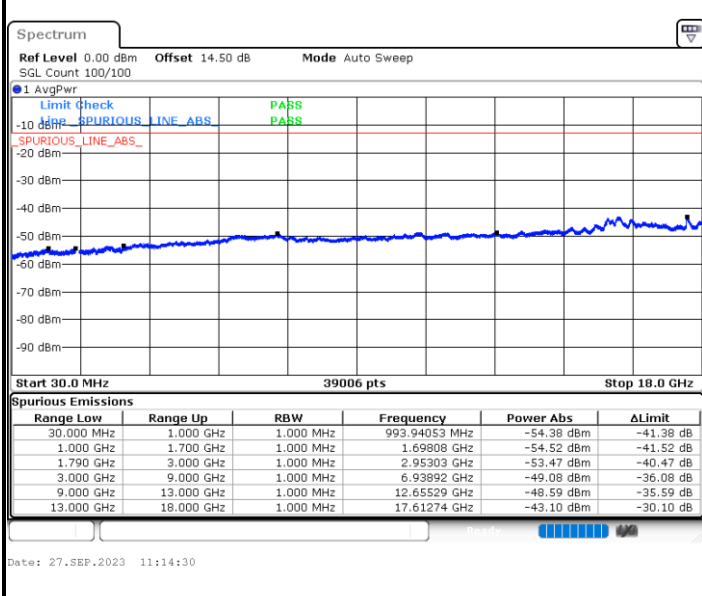


Date: 27.SEP.2023 11:09:17

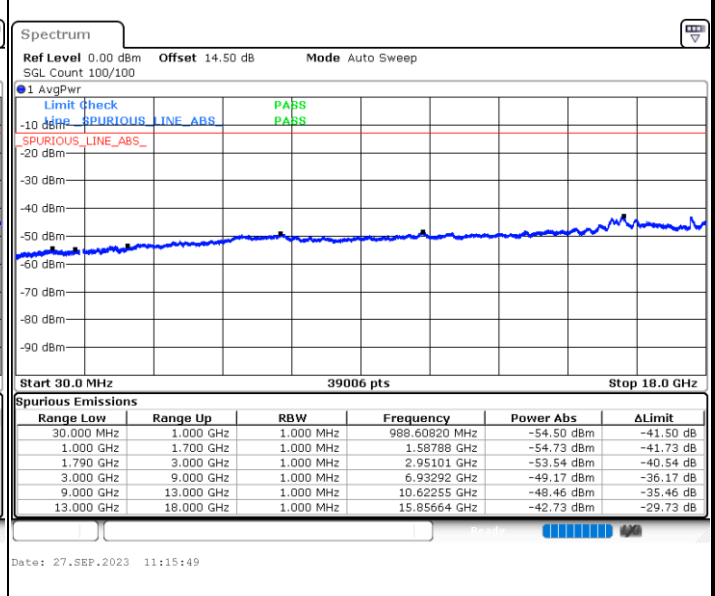


LTE Band 66 / 10MHz

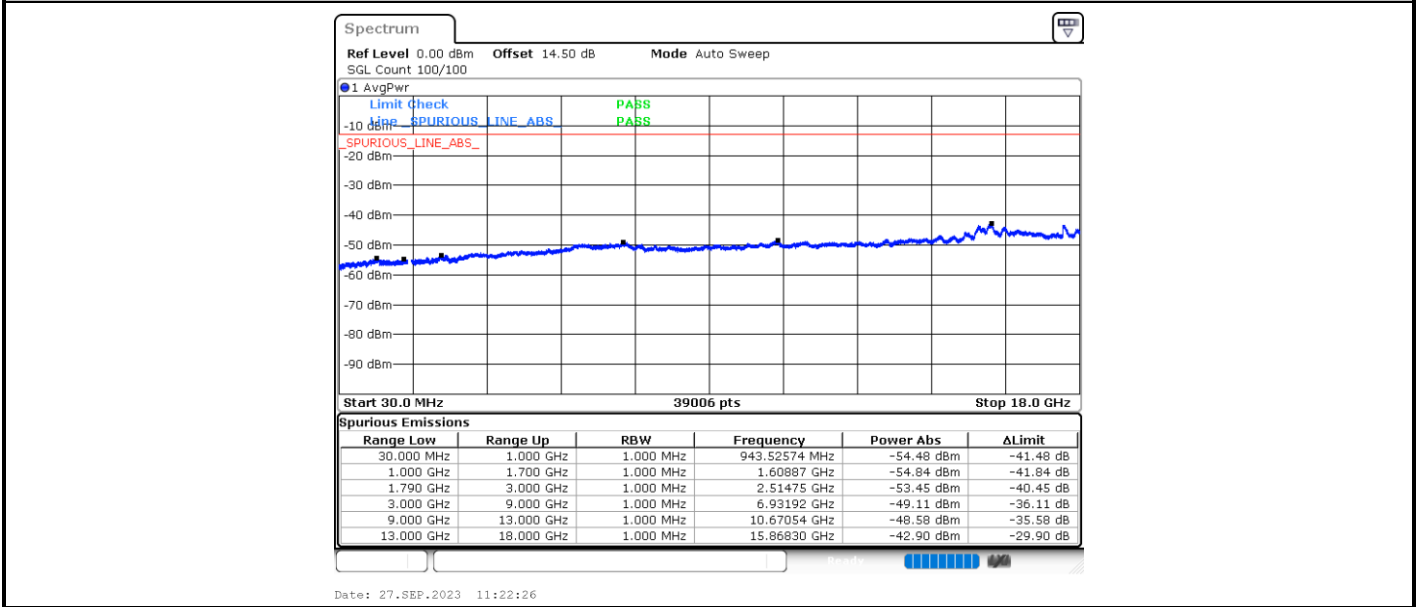
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

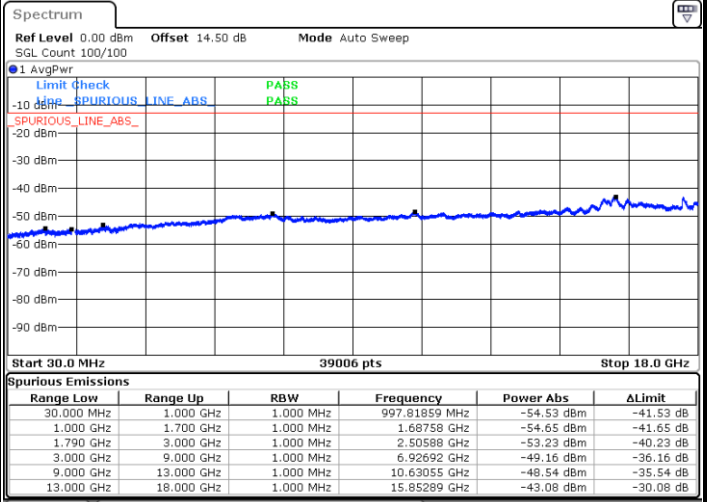
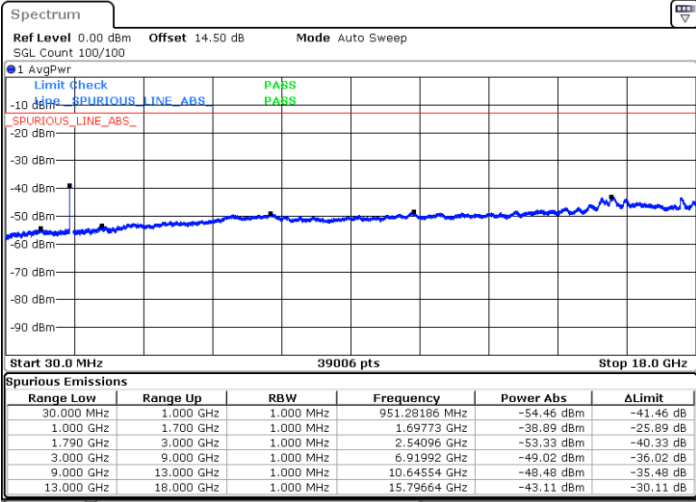




LTE Band 66 / 15MHz

Lowest Channel / QPSK

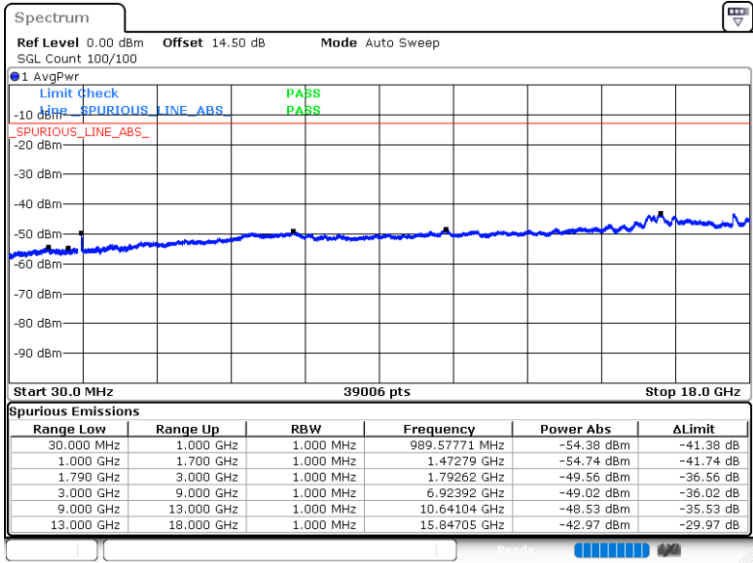
Middle Channel / QPSK



Date: 27.SEP.2023 11:27:39

Date: 27.SEP.2023 11:28:57

Highest Channel / QPSK



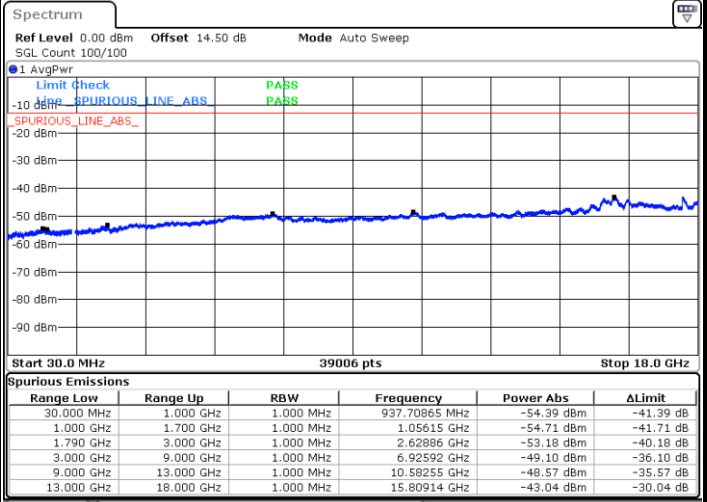
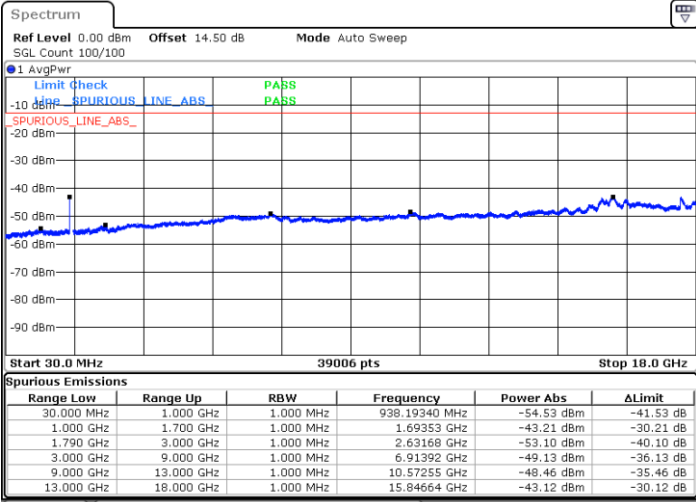
Date: 27.SEP.2023 11:35:33



LTE Band 66 / 20MHz

Lowest Channel / QPSK

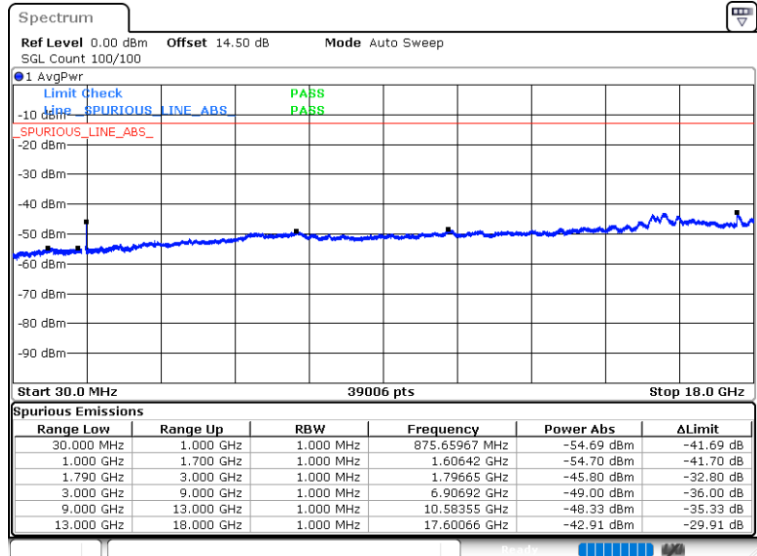
Middle Channel / QPSK



Date: 27.SEP.2023 11:40:48

Date: 27.SEP.2023 11:42:05

Highest Channel / QPSK



Date: 27.SEP.2023 11:50:12



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

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jia Kuang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 25 / 20MHz / QPSK / Ant0									
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	3702	-62.28	-13	-49.28	-76.62	-69.04	5.82	12.58	H
	5553	-62.35	-13	-49.35	-78.99	-68.07	7.28	13.00	H
	7404	-56.34	-13	-43.34	-78.98	-59.50	8.32	11.48	H
	3702	-61.98	-13	-48.98	-76.61	-68.74	5.82	12.58	V
	5553	-62.10	-13	-49.10	-78.79	-67.82	7.28	13.00	V
	7404	-56.04	-13	-43.04	-78.72	-59.20	8.32	11.48	V
Middle	3747	-62.41	-13	-49.41	-76.84	-69.16	5.85	12.60	H
	5620.5	-61.71	-13	-48.71	-78.56	-67.51	7.30	13.10	H
	7494	-56.38	-13	-43.38	-78.73	-59.53	8.35	11.50	H
	3747	-61.83	-13	-48.83	-76.47	-68.58	5.85	12.60	V
	5620.5	-61.90	-13	-48.90	-78.66	-67.70	7.30	13.10	V
	7494	-56.63	-13	-43.63	-78.9	-59.78	8.35	11.50	V
Highest	3792	-62.24	-13	-49.24	-76.77	-68.98	5.88	12.62	H
	5688	-61.99	-13	-48.99	-79.05	-67.80	7.32	13.13	H
	7584	-56.48	-13	-43.48	-78.63	-59.64	8.38	11.54	H
	3792	-62.49	-13	-49.49	-77.14	-69.23	5.88	12.62	V
	5688	-61.94	-13	-48.94	-79	-67.75	7.32	13.13	V
	7584	-56.57	-13	-43.57	-78.51	-59.73	8.38	11.54	V



LTE Band 26 / 15MHz / QPSK / Ant0									
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	1649.5	-67.48	-13	-54.48	-73.60	-70.71	3.98	9.36	H
	2474.25	-64.17	-13	-51.17	-74.41	-67.72	4.85	10.55	H
	3299	-63.39	-13	-50.39	-75.60	-68.32	5.50	12.58	H
	1649.5	-67.60	-13	-54.60	-73.60	-70.83	3.98	9.36	V
	2474.25	-63.99	-13	-50.99	-74.58	-67.54	4.85	10.55	V
	3299	-62.94	-13	-49.94	-75.60	-67.87	5.50	12.58	V
Middle	1649.5	-67.32	-13	-54.32	-73.44	-70.57	4.00	9.40	H
	2474.25	-64.47	-13	-51.47	-74.71	-68.04	4.88	10.60	H
	3299	-63.24	-13	-50.24	-75.45	-68.17	5.52	12.60	H
	1649.5	-67.40	-13	-54.40	-73.40	-70.65	4.00	9.40	V
	2474.25	-64.19	-13	-51.19	-74.78	-67.76	4.88	10.60	V
	3299	-63.12	-13	-50.12	-75.78	-68.05	5.52	12.60	V
Highest	1669.5	-67.73	-13	-54.73	-73.82	-70.90	4.10	9.42	H
	2504.25	-64.52	-13	-51.52	-74.68	-68.10	4.90	10.63	H
	3339	-64.03	-13	-51.03	-75.92	-68.95	5.55	12.62	H
	1669.5	-67.65	-13	-54.65	-73.48	-70.82	4.10	9.42	V
	2504.25	-64.11	-13	-51.11	-74.61	-67.69	4.90	10.63	V
	3339	-63.82	-13	-50.82	-76.10	-68.74	5.55	12.62	V

LTE Band 66 / 20MHz / QPSK / Ant0									
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	3422	-64.62	-13	-51.62	-76.67	-71.50	5.60	12.48	H
	5133	-61.58	-13	-48.58	-78.91	-67.26	7.10	12.78	H
	6844	-59.20	-13	-46.20	-79.32	-62.59	8.38	11.77	H
	3422	-63.88	-13	-50.88	-76.49	-70.76	5.60	12.48	V
	5133	-61.54	-13	-48.54	-78.81	-67.22	7.10	12.78	V
	6844	-59.15	-13	-46.15	-79.03	-62.54	8.38	11.77	V
Middle	3492	-63.03	-13	-50.03	-75.88	-69.88	5.65	12.50	H
	5238	-61.86	-13	-48.86	-78.59	-67.53	7.13	12.80	H
	6984	-58.18	-13	-45.18	-78.97	-61.58	8.40	11.80	H
	3492	-63.05	-13	-50.05	-76.43	-69.90	5.65	12.50	V
	5238	-62.22	-13	-49.22	-78.89	-67.89	7.13	12.80	V
	6984	-57.95	-13	-44.95	-78.9	-61.35	8.40	11.80	V
Highest	3522	-63.12	-13	-50.12	-76.32	-69.96	5.68	12.52	H
	5283	-62.25	-13	-49.25	-78.73	-67.92	7.15	12.82	H
	7044	-57.84	-13	-44.84	-78.90	-61.27	8.42	11.85	H
	3522	-62.49	-13	-49.49	-76.22	-69.33	5.68	12.52	V
	5283	-62.27	-13	-49.27	-78.8	-67.94	7.15	12.82	V
	7044	-57.54	-13	-44.54	-78.78	-60.97	8.42	11.85	V

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